

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102972.D
 Acq On : 13 Feb 2018 20:01
 Operator : SJ/JU
 Sample : J1537-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:10:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.03	152	442656	20.00	ng	0.15
21) Naphthalene-d8	8.50	136	325	20.00	ng	0.34
38) Acenaphthene-d10	10.37	164	2526	20.00	ng	0.45
63) Phenanthrene-d10	11.93	188	3968	20.00	ng	0.54
75) Chrysene-d12	14.67	240	1920	20.00	ng	0.64
86) Perylene-d12	16.24	264	8854	20.00	ng	0.74

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1035334	35.52	ng	0.01
7) Phenol-d6	6.50	99	1242189	35.39	ng	0.00
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	13.56	244	7455	91.94	ng	0.57

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	99060	4.28	ng	# 81
22) Acetophenone	7.52	105	363	45.64	ng	# 8
24) Nitrobenzene	7.80	77	226	41.00	ng	# 38
25) Isophorone	8.00	82	158	14.65	ng	# 1
27) 2,4-Dimethylphenol	8.11	122	110	24.14	ng	# 67
28) bis(2-Chloroethoxy)methane	8.22	93	143	22.38	ng	# 23
31) Naphthalene	8.51	128	114	7.18	ng	# 1
32) Benzoic acid	8.11	122	110	37.78	ng	# 86
35) Caprolactam	8.97	113	637	442.70	ng	# 57
36) 4-Chloro-3-methylphenol	9.23	107	14887	3197.91	ng	# 1
37) 2-Methylnaphthalene	8.97	142	23332	2244.31	ng	# 95
45) 1,1'-Biphenyl	9.63	154	10270	48.27	ng	# 77
46) 2-Chloronaphthalene	9.62	162	526	3.14	ng	# 1
47) 2-Nitroaniline	9.89	65	845	18.64	ng	# 2
48) Acenaphthylene	10.22	152	3452	13.27	ng	# 1
50) 2,6-Dinitrotoluene	10.22	165	1872	49.96	ng	# 49
52) 3-Nitroaniline	10.32	138	124	2.69	ng	# 2
53) 2,4-Dinitrophenol	10.40	184	266	36.28	ng	# 54
54) Dibenzofuran	10.59	168	4754	21.68	ng	# 70
55) 4-Nitrophenol	10.70	139	2487	66.36	ng	# 87
56) 2,4-Dinitrotoluene	10.57	165	9471	179.46	ng	# 30
57) Fluorene	10.93	166	1216	7.62	ng	# 1
59) Diethylphthalate	10.77	149	613	3.15	ng	# 17
61) 4-Nitroaniline	10.99	138	248	5.65	ng	# 29
64) 4,6-Dinitro-2-methylphenol	11.00	198	600	39.28	ng	# 1
65) n-Nitrosodiphenylamine	11.06	169	3161	22.58	ng	# 33
68) Atrazine	11.73	200	722	17.49	ng	# 82
70) Phenanthrene	11.96	178	725	3.28	ng	# 1
71) Anthracene	12.04	178	758	3.37	ng	# 1
72) Carbazole	12.19	167	468	2.13	ng	# 1
73) Di-n-butylphthalate	12.54	149	4432	16.57	ng	# 1
74) Fluoranthene	13.20	202	1372	6.17	ng	# 1
76) Benzidine	13.32	184	855	9.69	ng	# 1
77) Pyrene	13.41	202	8881	58.99	ng	# 22

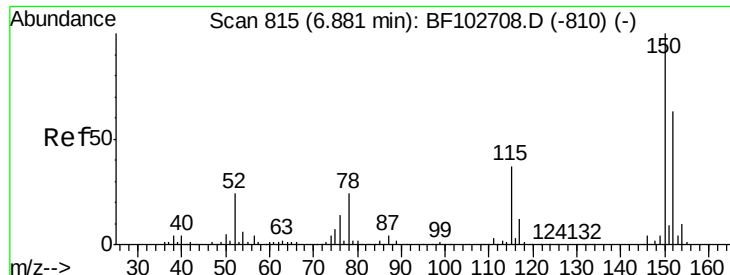
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102972.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	14.07	149	2286	32.09	nq	91
81) 3,3'-Dichlorobenzidine	14.63	252	7557	168.79	nq	# 1
82) Chrysene	14.72	228	879	7.22	nq	# 1
83) Bis(2-ethylhexyl)phthalate	14.66	149	2877	31.19	nq	# 74
84) Di-n-octyl phthalate	15.30	149	713	5.15	nq	# 75
85) Indeno(1,2,3-cd)pyrene	17.47	276	189374	1875.85	nq	95
87) Benzo(b)fluoranthene	15.56	252	113918	198.45	nq	# 86
88) Benzo(k)fluoranthene	15.56	252	113551	207.03	nq	# 89

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

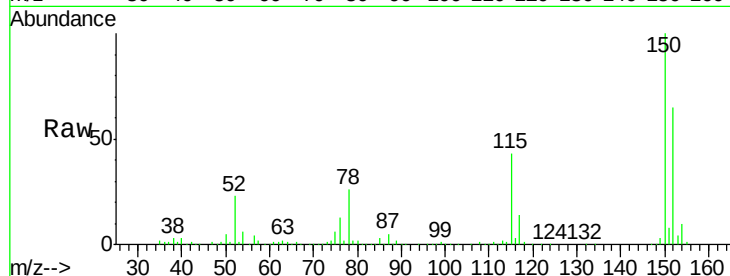


#1

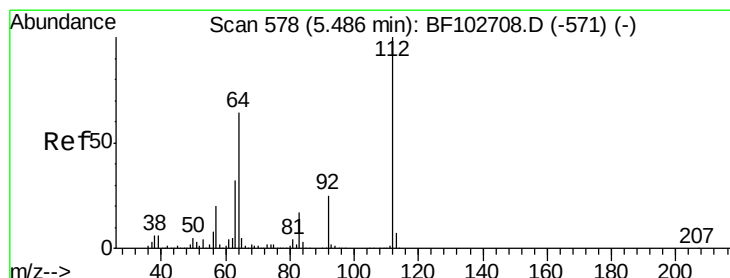
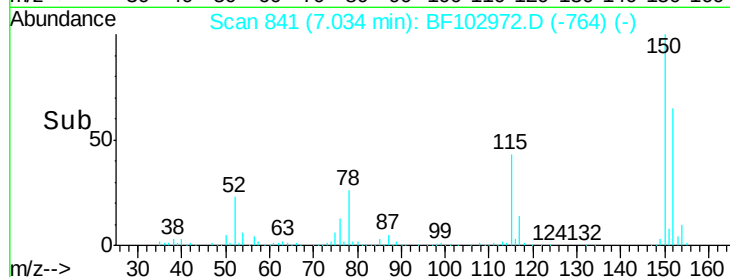
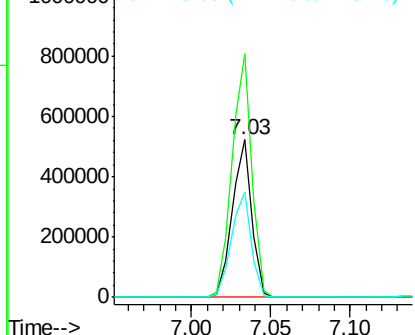
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.15 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 442656
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 67.0 50.1 75.1



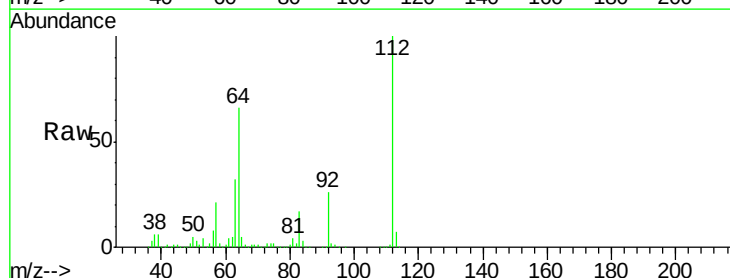
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



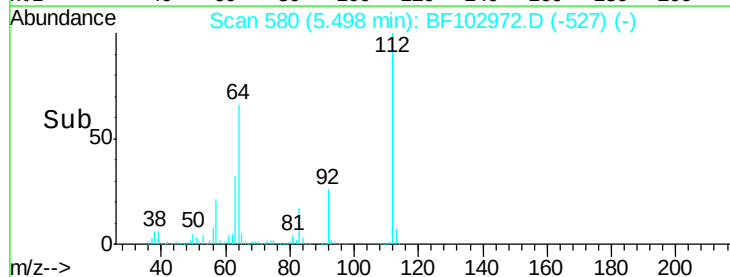
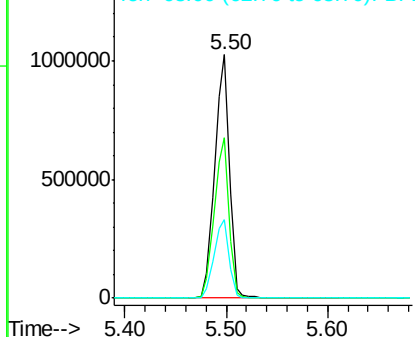
#5

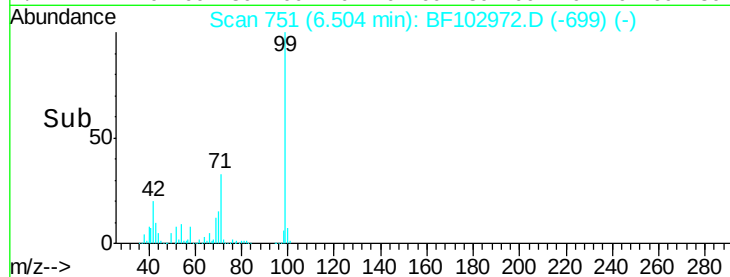
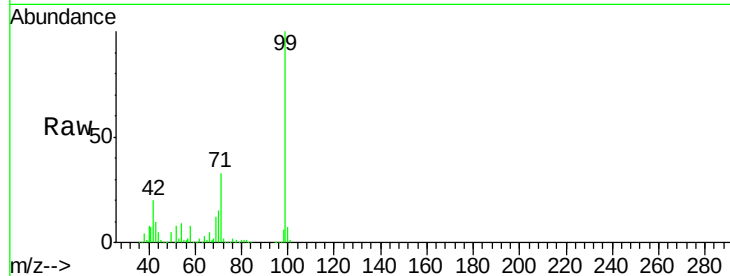
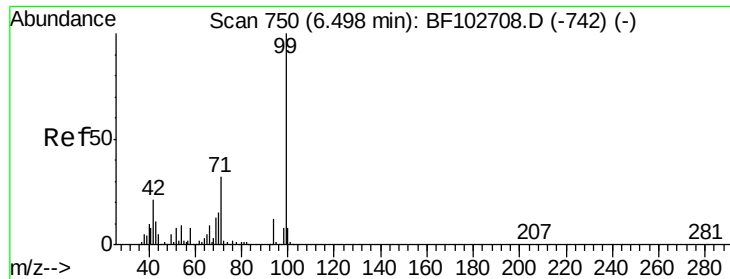
2-Fluorophenol
Concen: 35.52 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:112 Resp: 1035334
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.39 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampled :

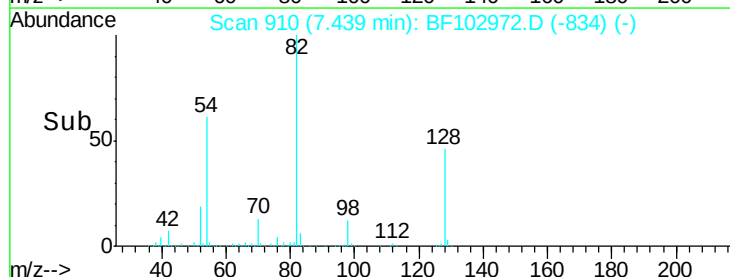
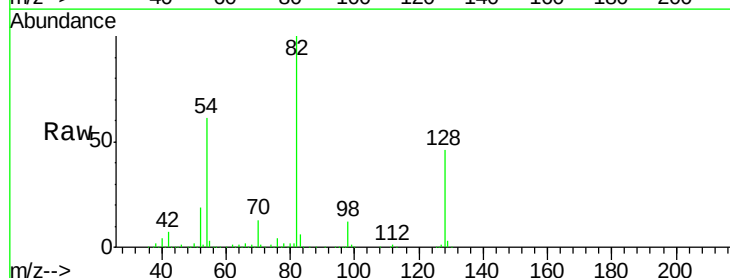
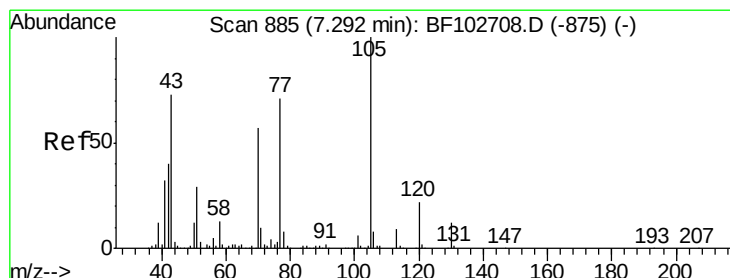
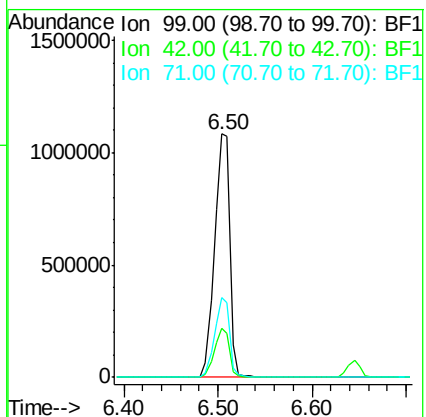
Tot Ion: 99 Resp: 1242189

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 32.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.28 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Tgt Ion: 70 Resp: 99060

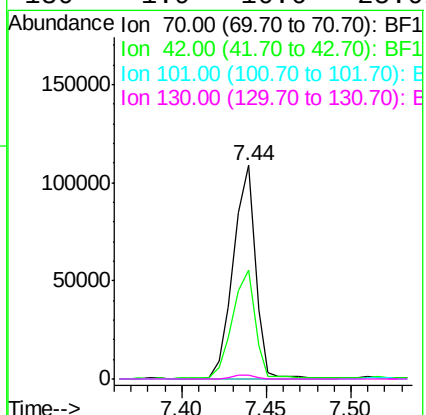
Ion Ratio Lower Upper

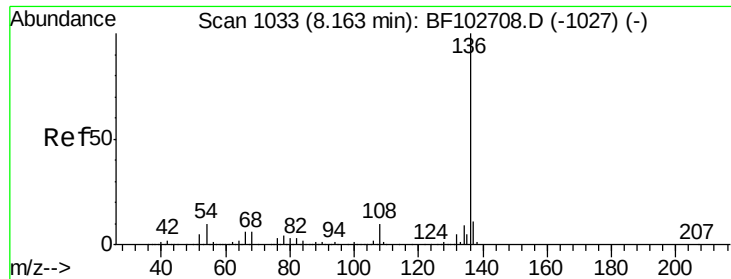
70 100

42 51.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

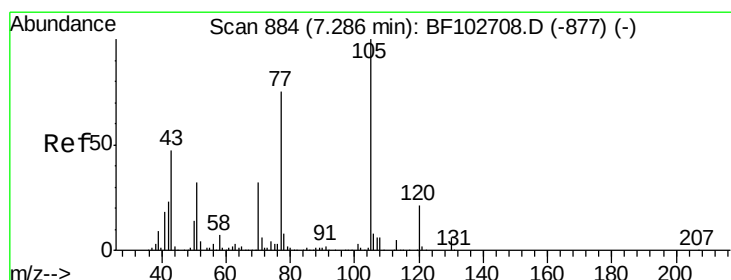
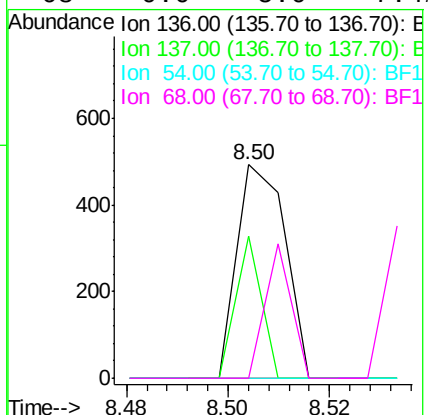
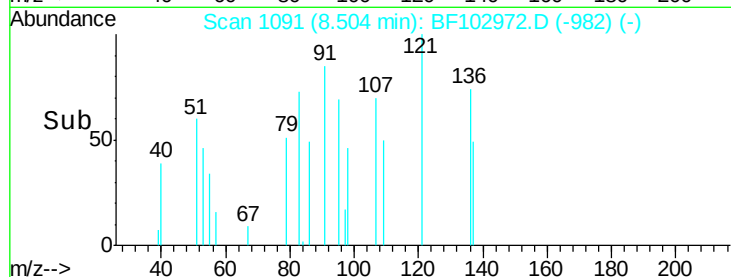
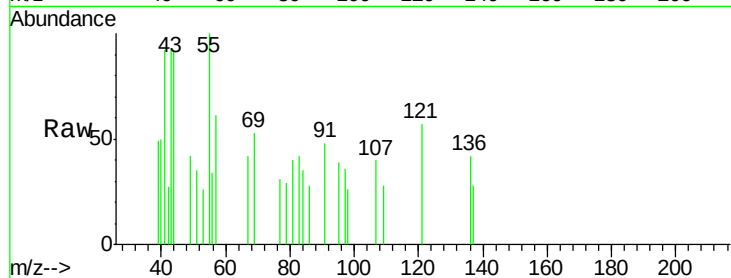




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.34 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

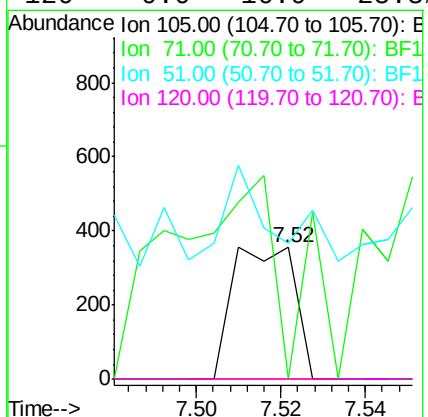
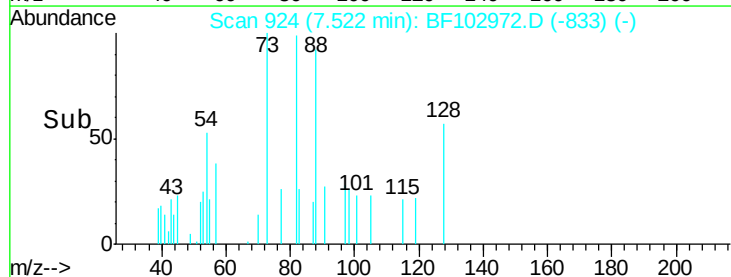
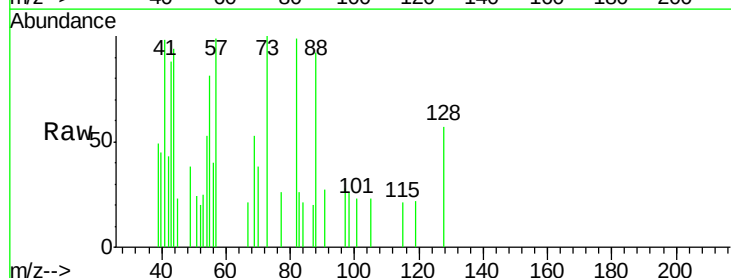
Instrument :
BNA_F
ClientSampled :

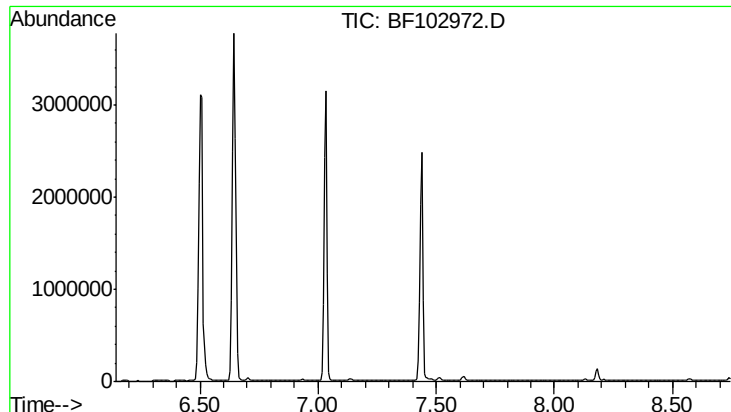
Tot Ion:136	Resp:	325
Ion Ratio	Lower	Upper
136	100	
137	66.7	8.9 13.3#
54	0.0	6.6 9.8#
68	0.0	5.0 7.4#



#22
Acetophenone
Concen: 45.64 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.24 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:105	Resp:	363
Ion Ratio	Lower	Upper
105	100	
71	0.0	4.4 6.6#
51	102.5	22.3 33.5#
120	0.0	16.9 25.3#

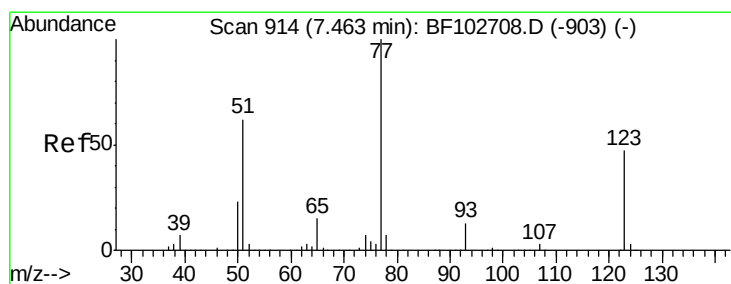
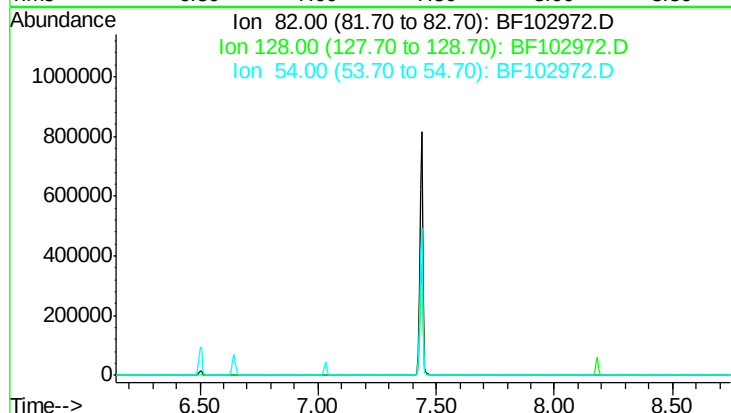




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.45 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

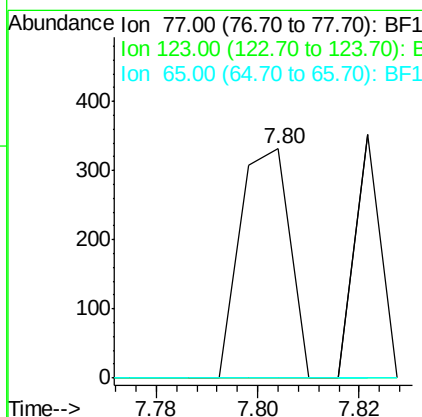
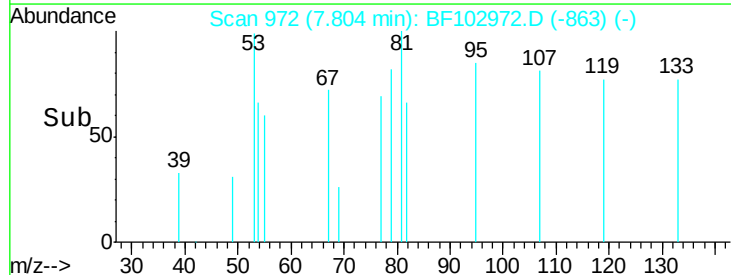
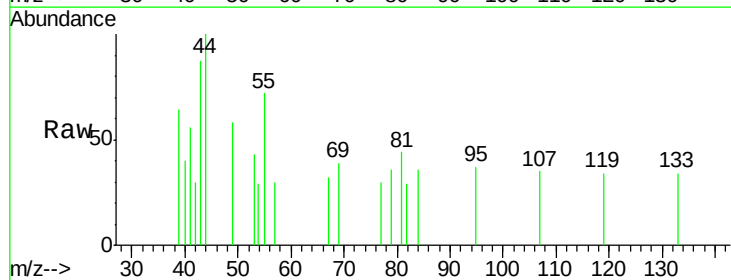
Instrument :
 BNA_F
 ClientSampleId :

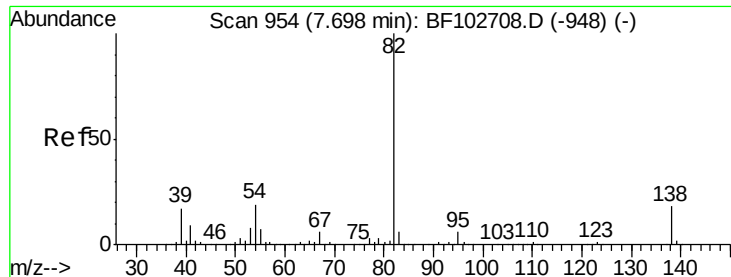
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8



#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.34 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Tgt Ion: 77 Resp: 226
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 0.0 11.0 16.4#





#25

Isophorone

Concen: 14.65 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.31 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :

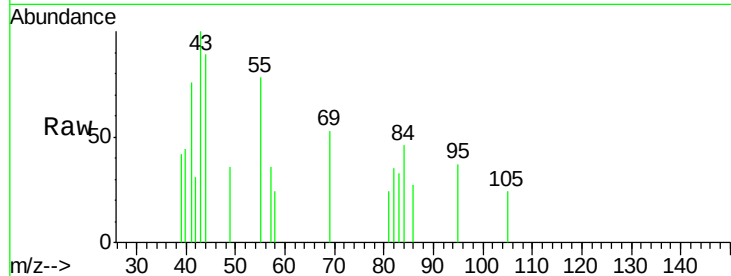
Tot Ion: 82 Resp: 158

Ion Ratio Lower Upper

82 100

95 105.1 5.2 7.8#

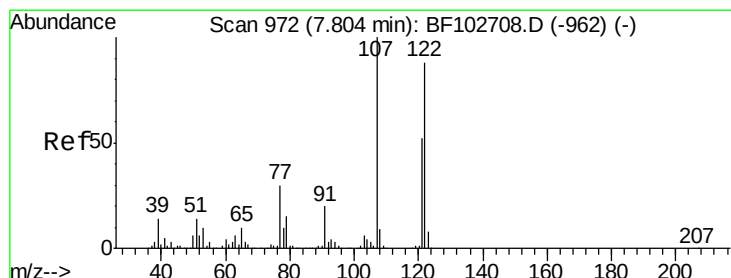
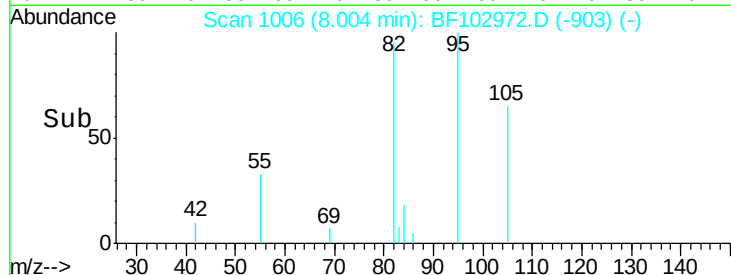
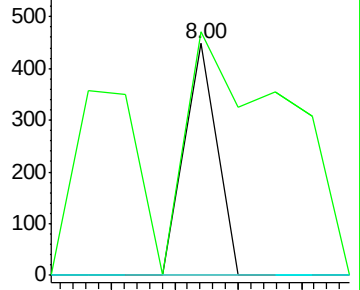
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 24.14 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.31 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

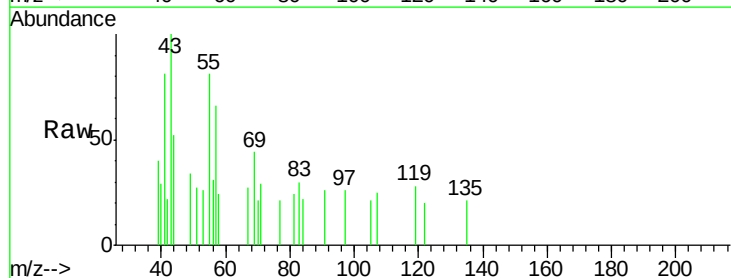
Tgt Ion: 122 Resp: 110

Ion Ratio Lower Upper

122 100

107 123.3 91.2 136.8

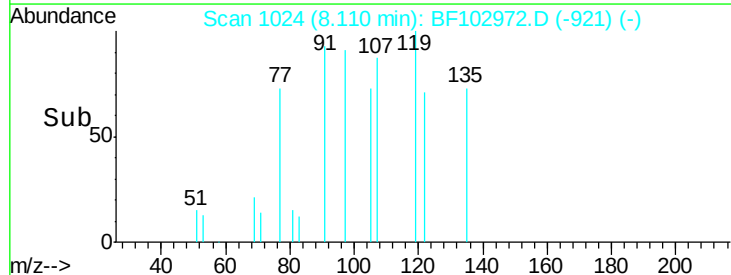
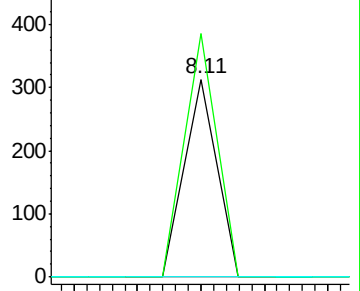
121 0.0 47.2 70.8#

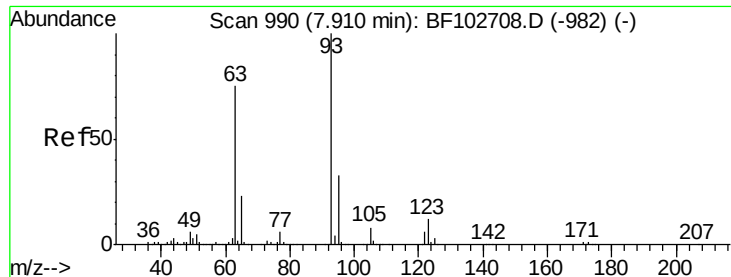


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

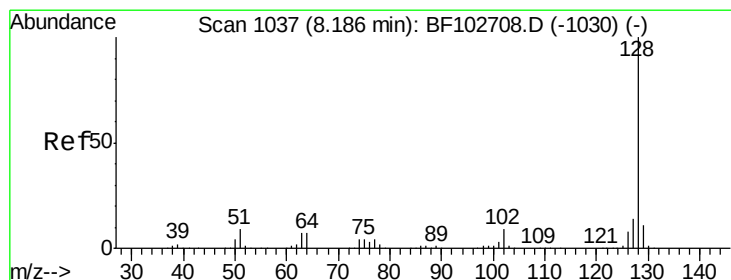
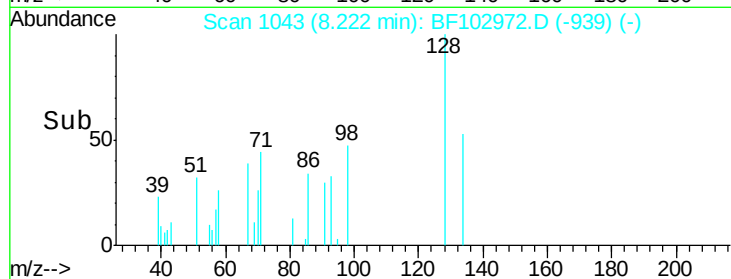
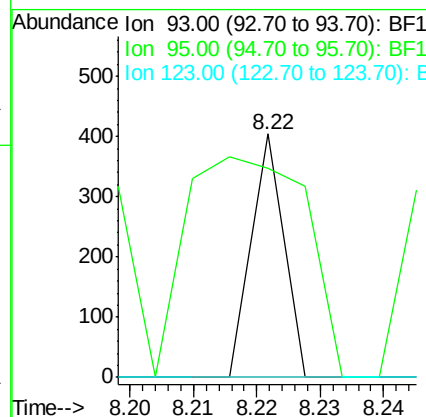
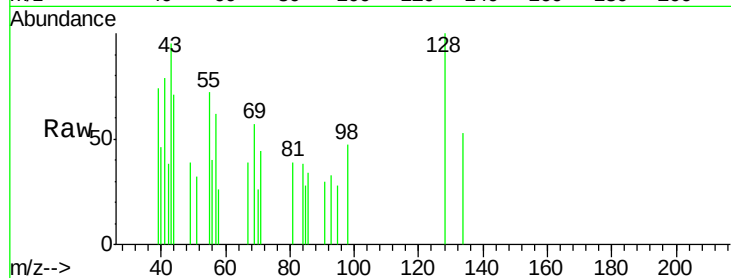




#28
bis(2-Chloroethoxy)methane
Concen: 22.38 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.31 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

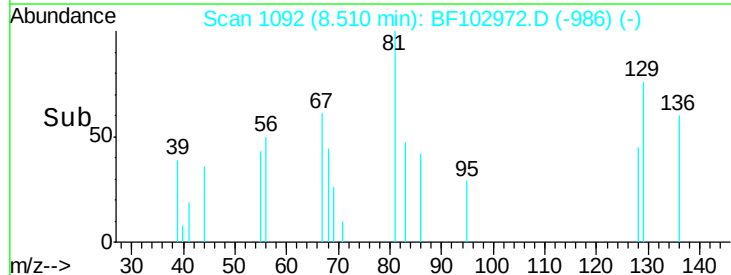
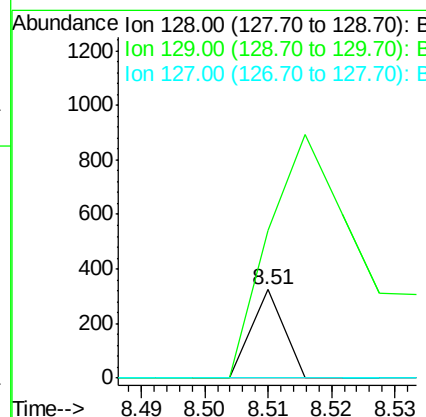
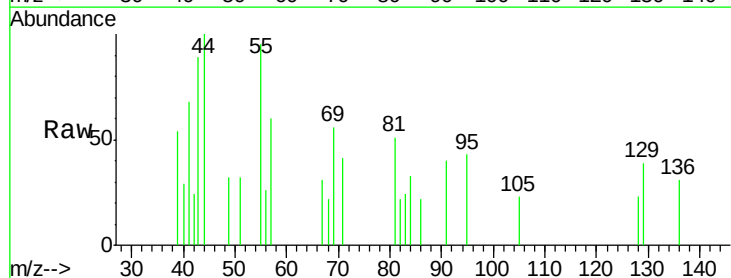
Instrument :
BNA_F
ClientSampleId :

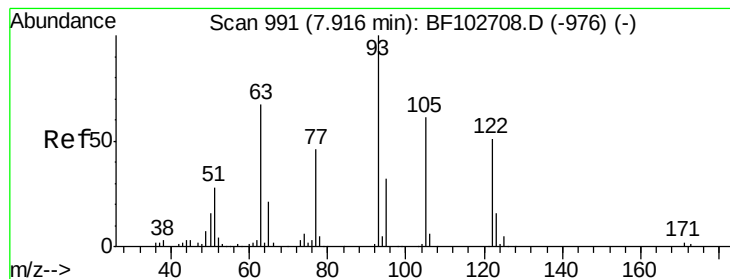
Tot Ion: 93 Resp: 143
Ion Ratio Lower Upper
93 100
95 85.9 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 7.18 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.32 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion: 128 Resp: 114
Ion Ratio Lower Upper
128 100
129 167.2 8.8 13.2#
127 0.0 10.9 16.3#





#32

Benzoic acid

Concen: 37.78 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.19 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :

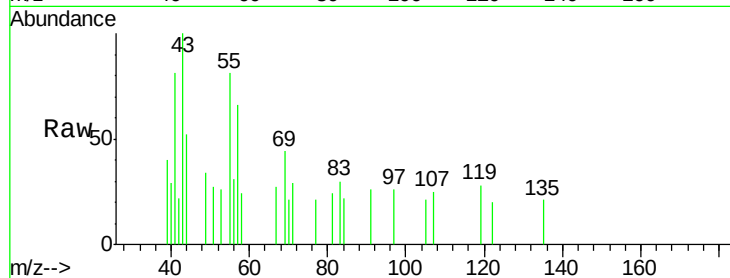
Tot Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 103.8 101.1 141.1

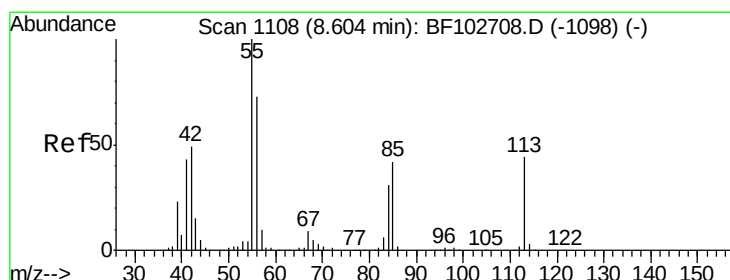
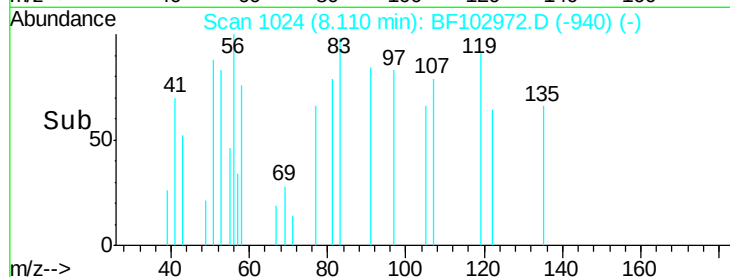
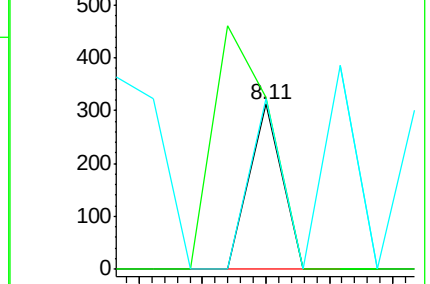
77 103.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#35

Caprolactam

Concen: 442.70 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.36 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

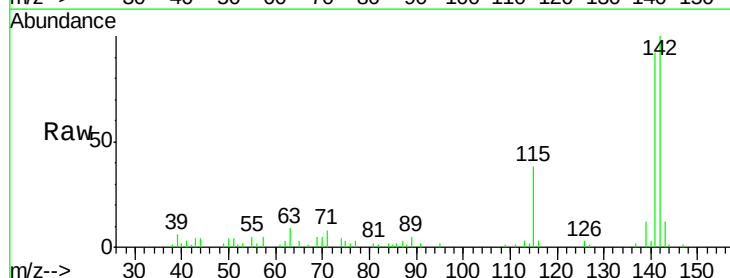
Tgt Ion:113 Resp: 637

Ion Ratio Lower Upper

113 100

55 142.5 163.3 203.3#

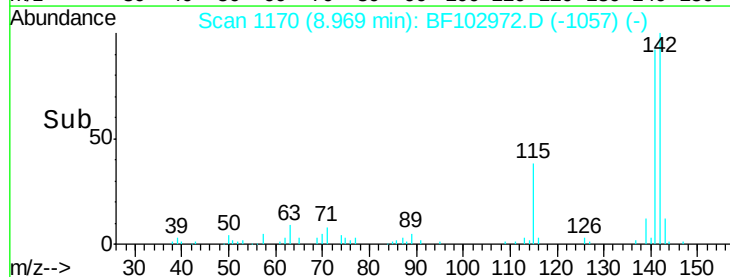
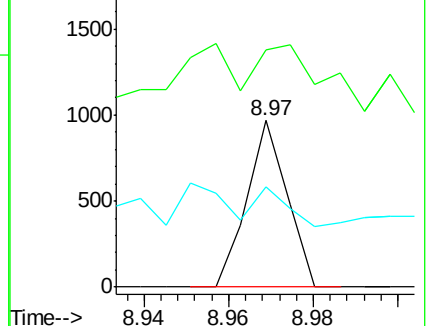
56 60.5 115.7 155.7#

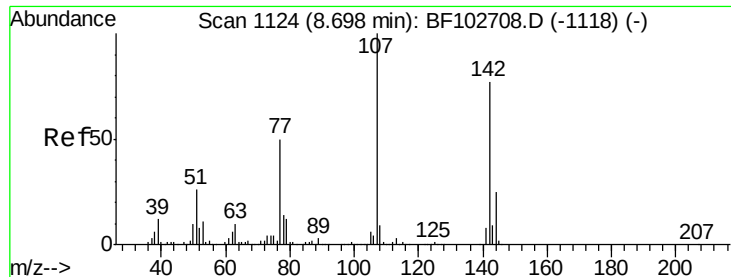


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

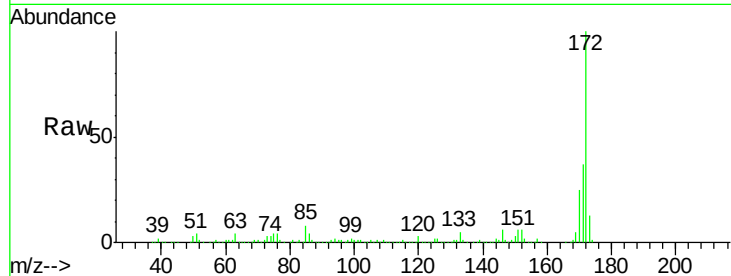




#36
 4-Chloro-3-methylphenol
 Concen: 3197.91 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.54 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	176.6	20.5	30.7#
142	6.3	62.0	93.0#

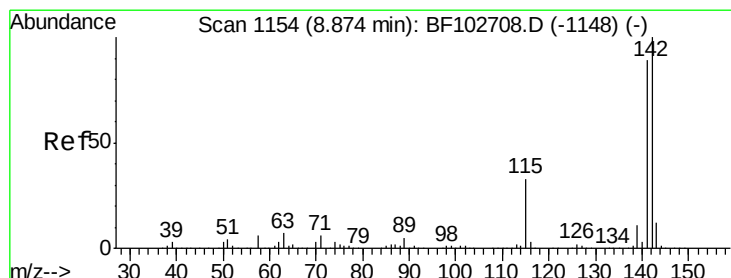
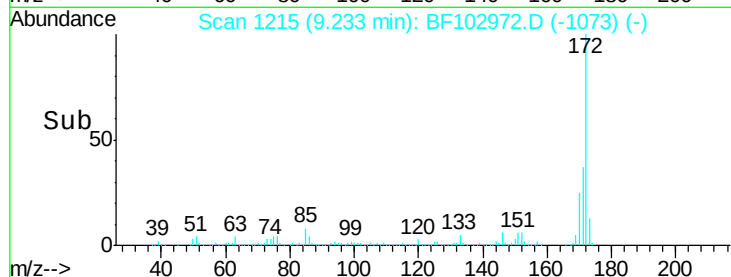
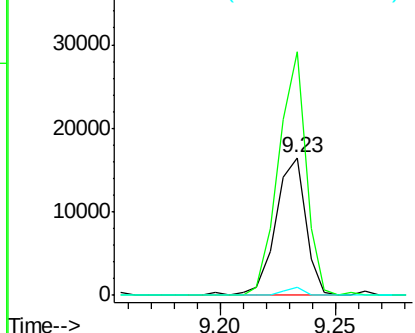


Abundance

Ion 107.00 (106.70 to 107.70): E

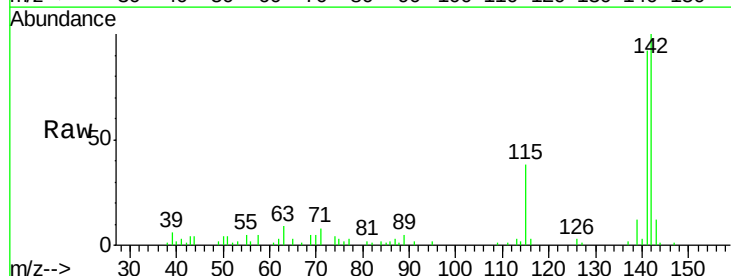
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 2244.31 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.09 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.8	106.2
115	37.7	26.1	39.1

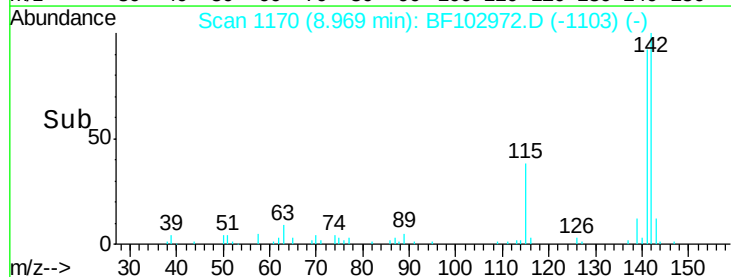
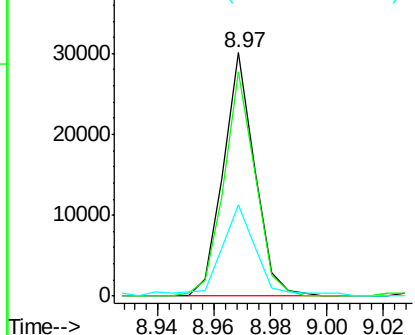


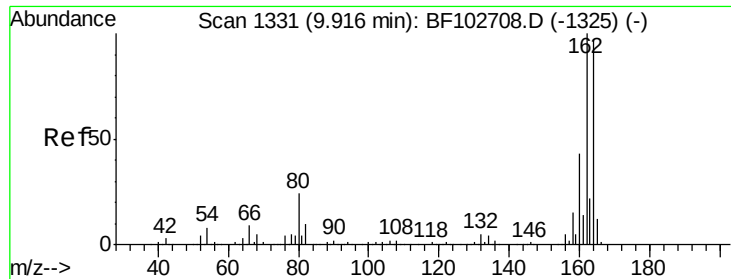
Abundance

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.45 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :

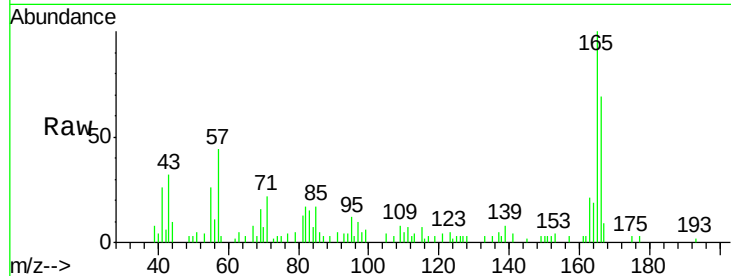
Tot Ion:164 Resp: 2526

Ion Ratio Lower Upper

164 100

162 17.2 86.1 129.1#

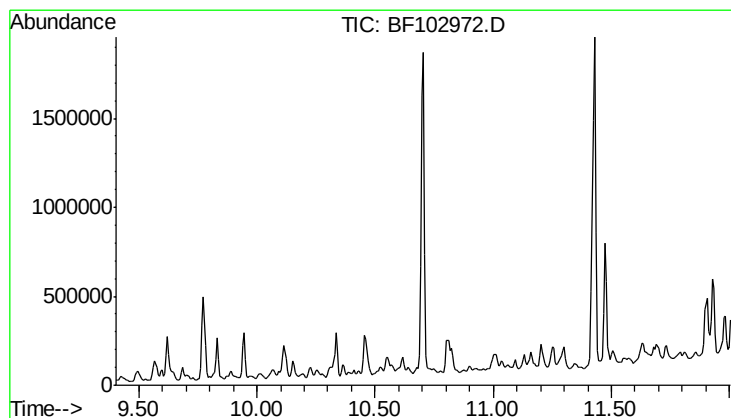
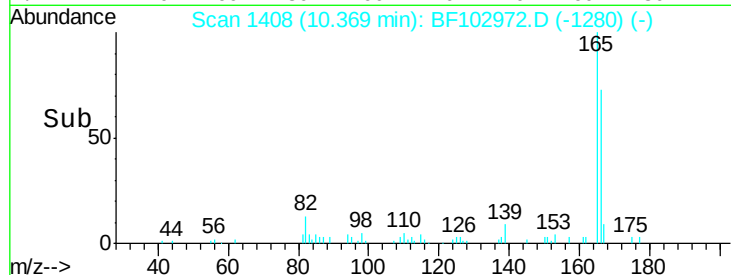
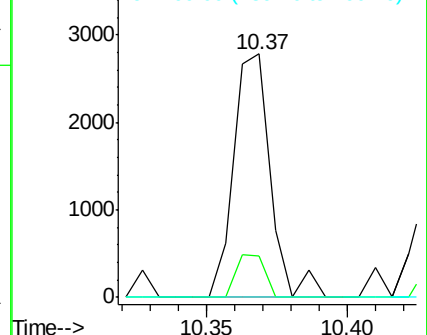
160 0.0 38.3 57.5#



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



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.70 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

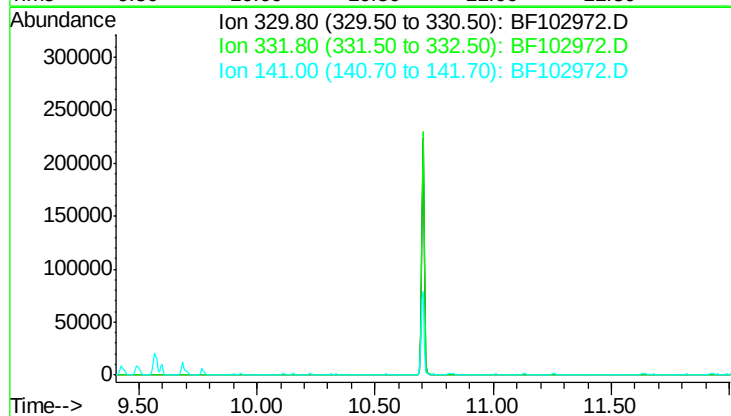
Tgt Ion: 330

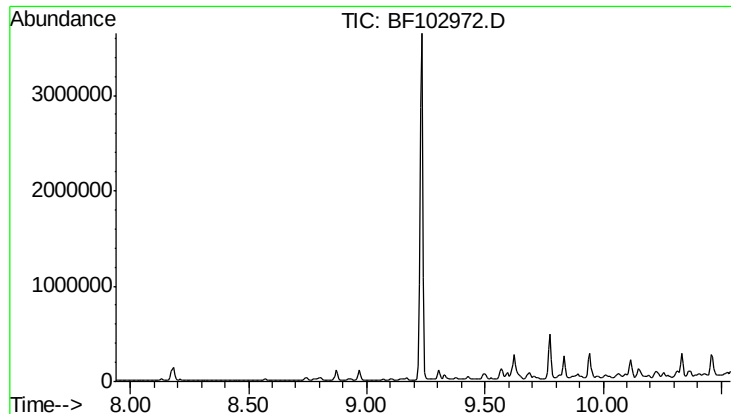
Sig Exp Ratio

330 100

332 96.3

141 37.4

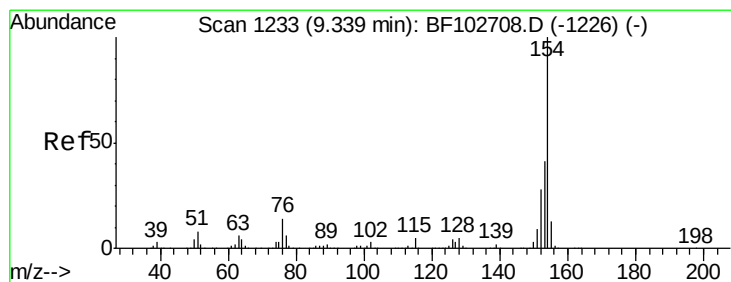
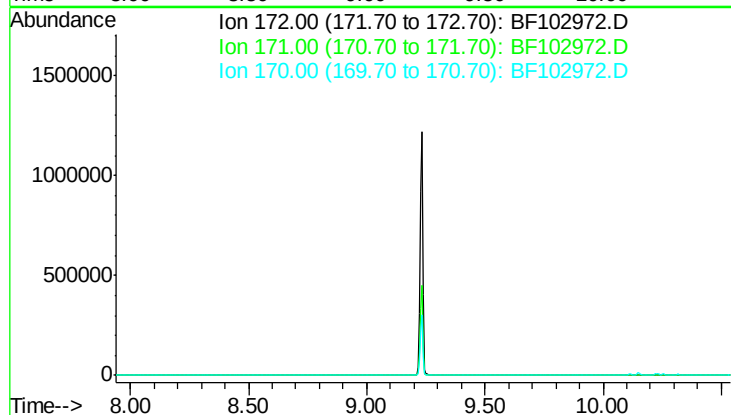




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.24 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

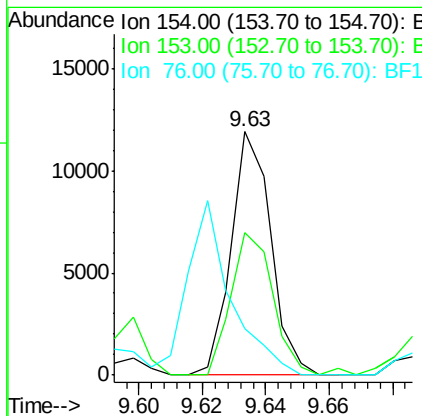
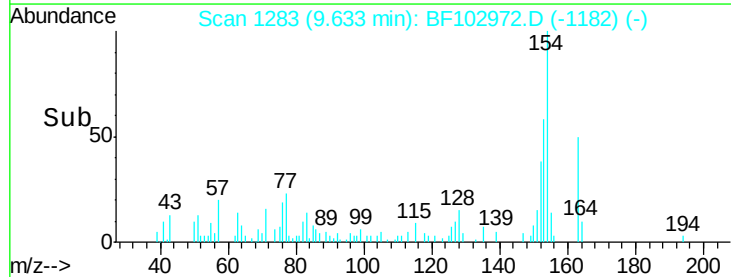
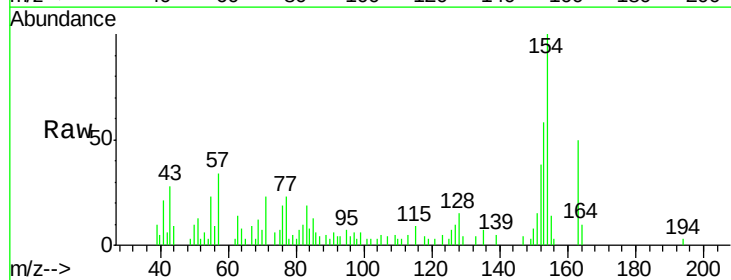
Instrument :
 BNA_F
 ClientSampleId :

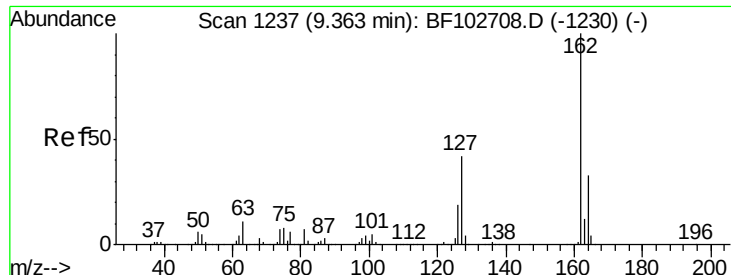
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5



#45
 1,1'-Biphenyl
 Concen: 48.27 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.29 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Tgt Ion: 154 Resp: 10270
 Ion Ratio Lower Upper
 154 100
 153 58.4 21.3 61.3
 76 19.0 0.0 34.0

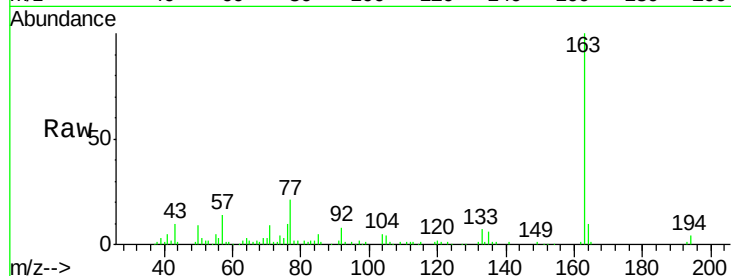




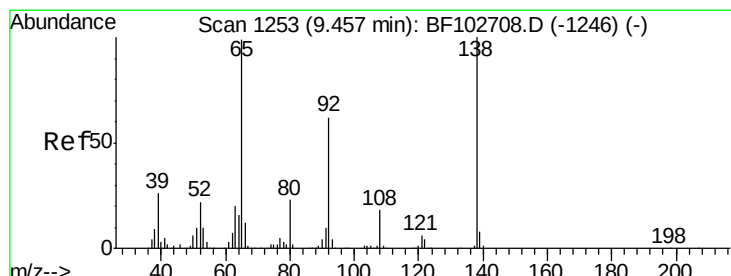
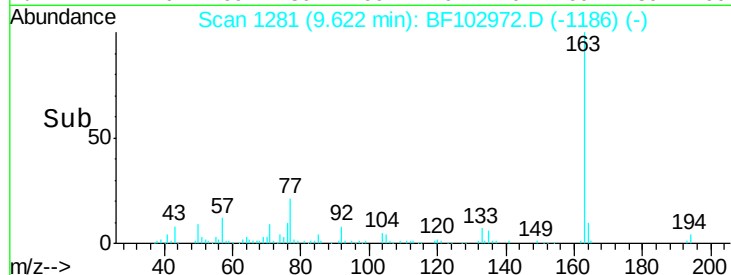
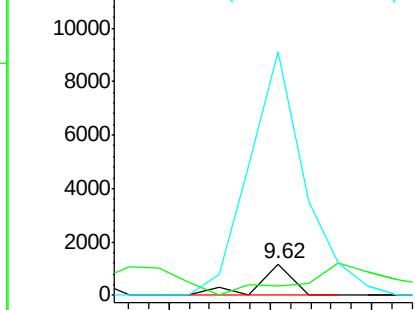
#46
 2-Chloronaphthalene
 Concen: 3.14 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.26 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 526
 Ion Ratio Lower Upper
 162 100
 127 31.2 33.9 50.9#
 164 779.1 26.5 39.7#

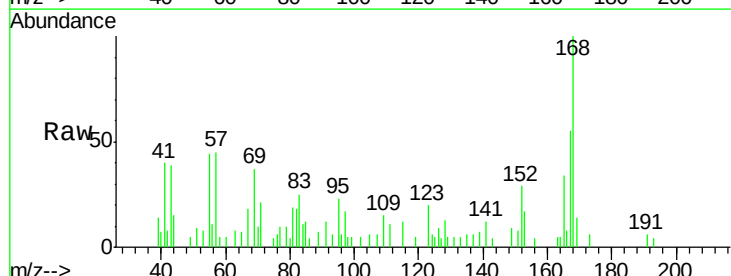


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

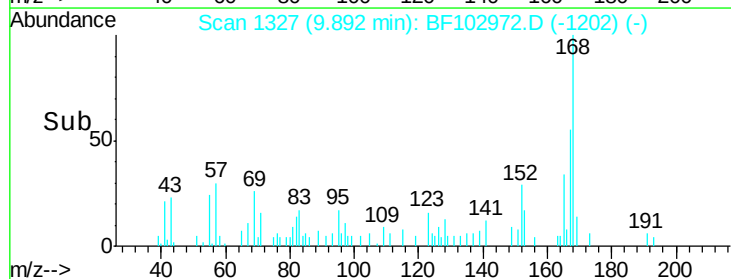
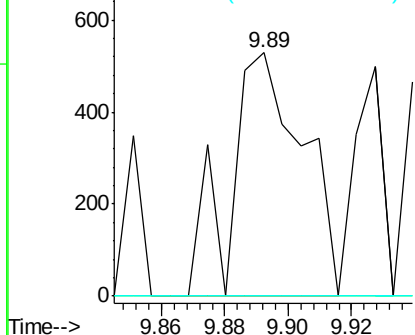


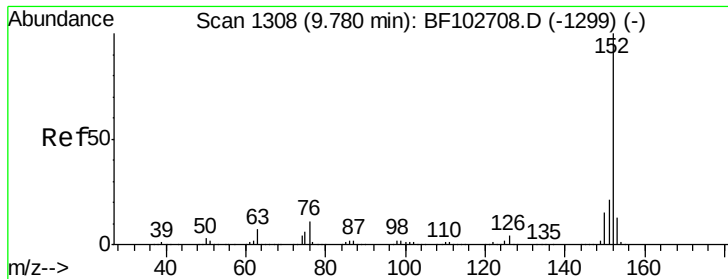
#47
 2-Nitroaniline
 Concen: 18.64 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.44 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Tgt Ion: 65 Resp: 845
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 13.27 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.44 min

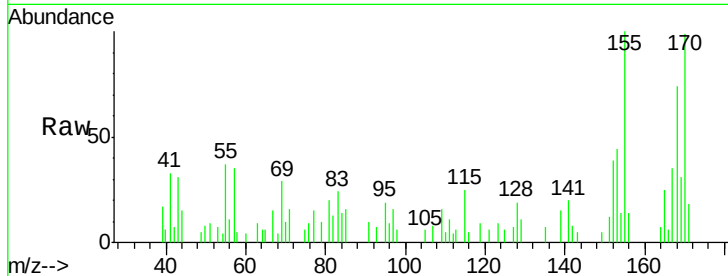
Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :



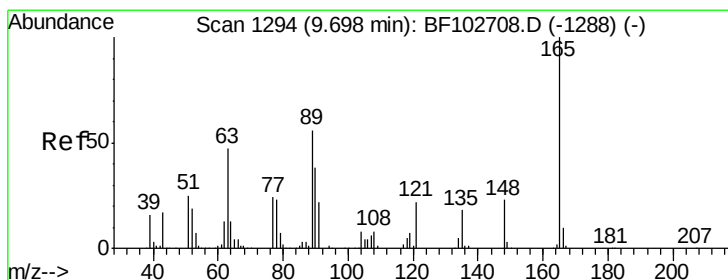
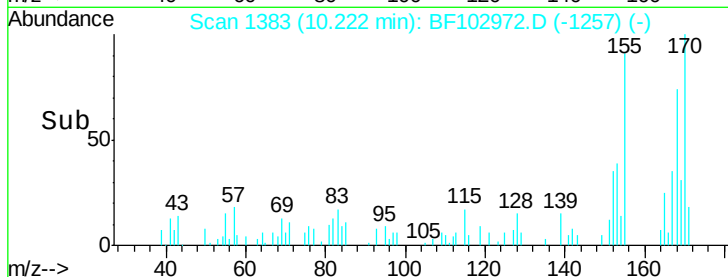
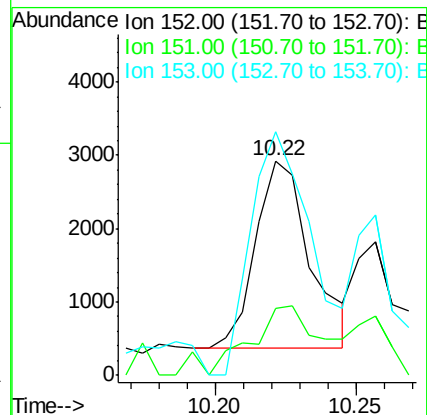
Tot Ion:152 Resp: 3452

Ion Ratio Lower Upper

152 100

151 31.4 16.3 24.5#

153 113.5 10.7 16.1#



#50

2,6-Dinitrotoluene

Concen: 49.96 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.52 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

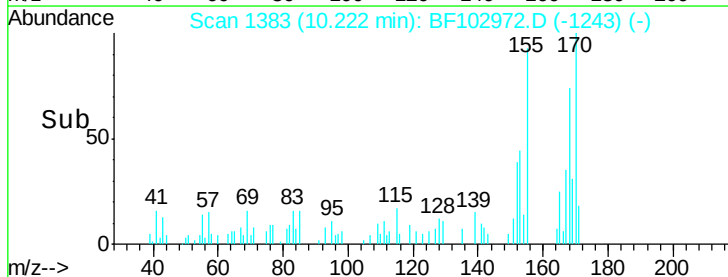
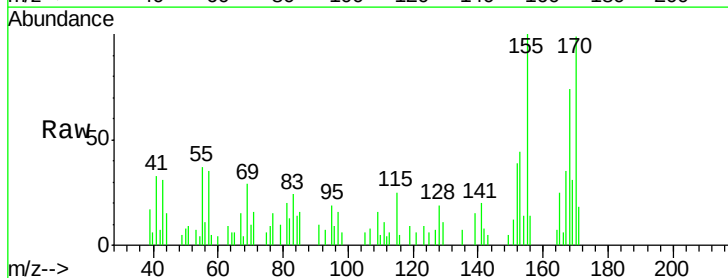
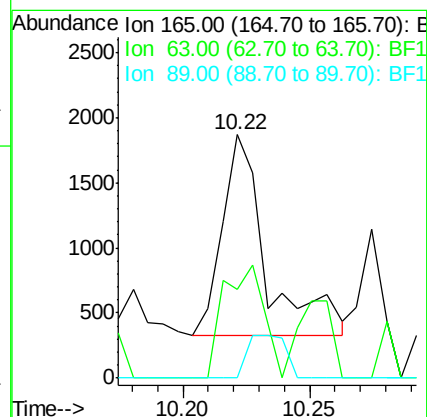
Tgt Ion:165 Resp: 1872

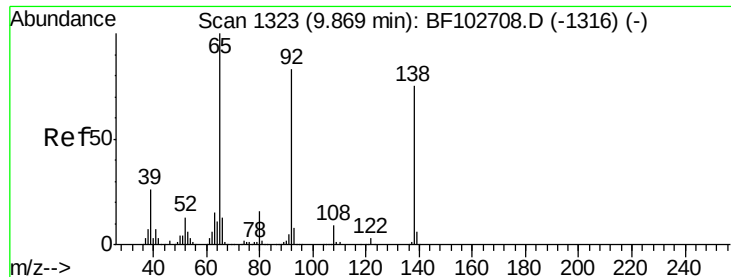
Ion Ratio Lower Upper

165 100

63 36.3 44.7 67.1#

89 0.0 44.0 66.0#





#52

3-Nitroaniline

Concen: 2.69 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.45 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :

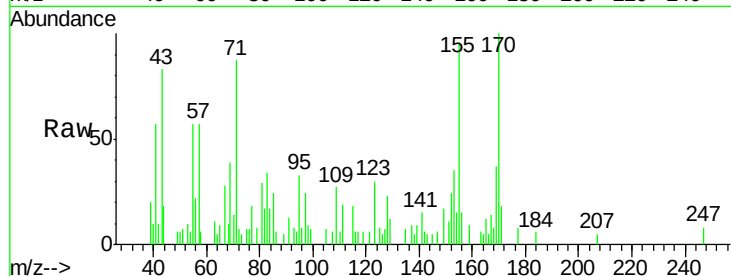
Tot Ion:138 Resp: 124

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

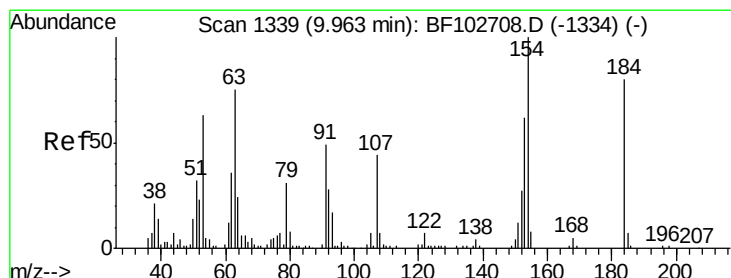
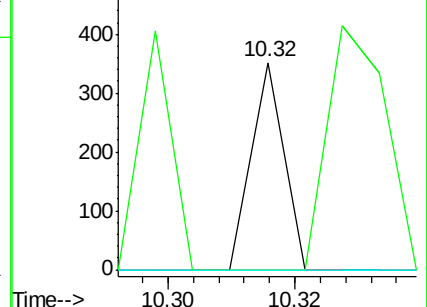
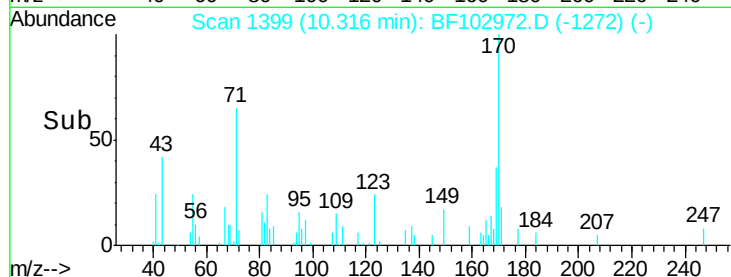
92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 36.28 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.44 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

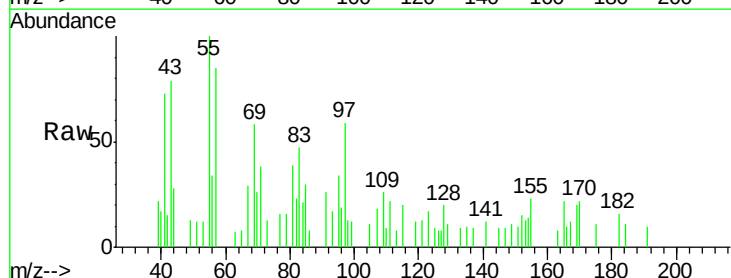
Tgt Ion:184 Resp: 266

Ion Ratio Lower Upper

184 100

63 66.8 54.2 81.2

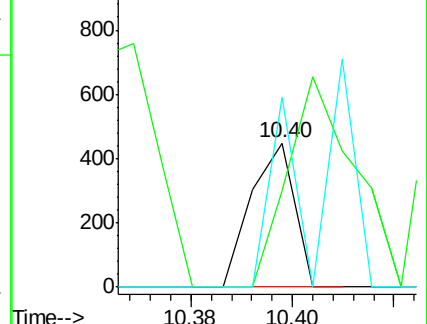
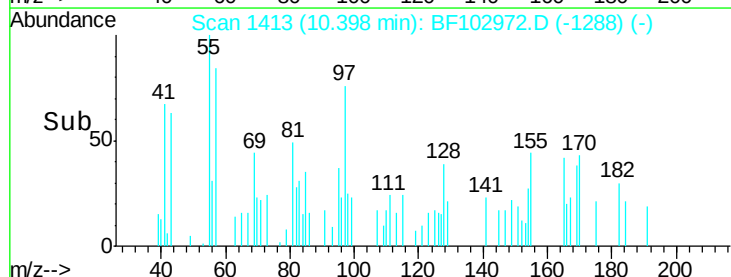
154 131.8 184.0 276.0#

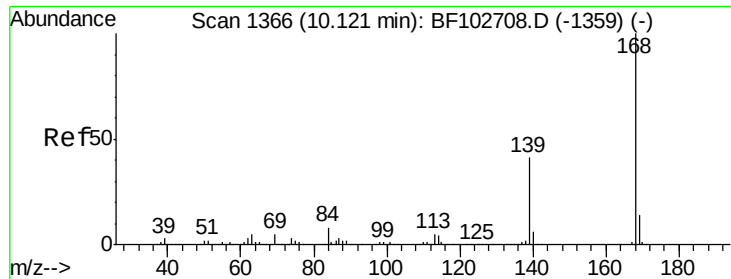


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

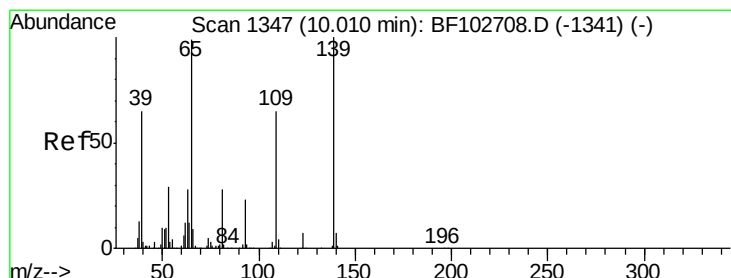
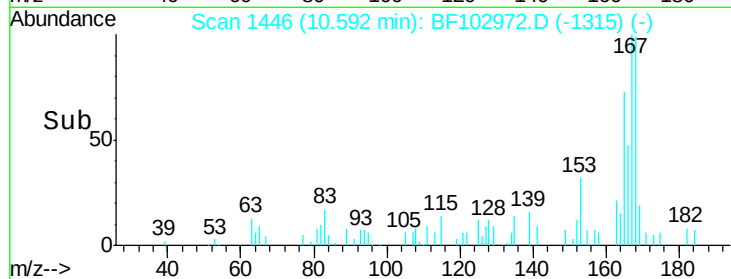
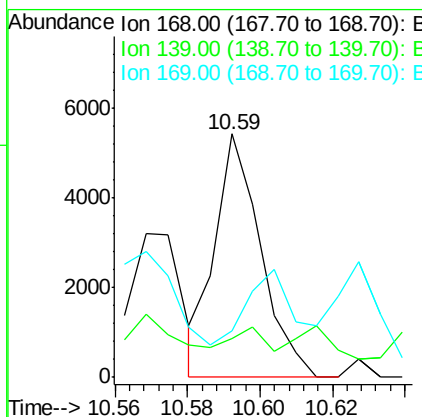
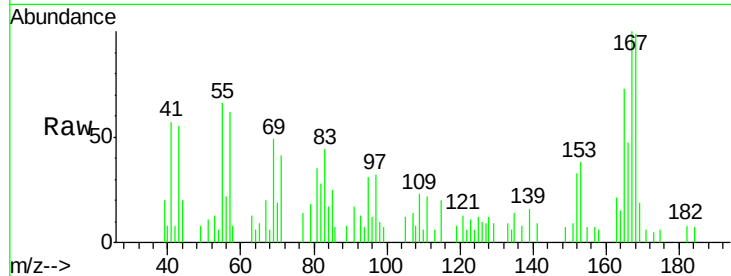




#54
Dibenzofuran
Concen: 21.68 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.47 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

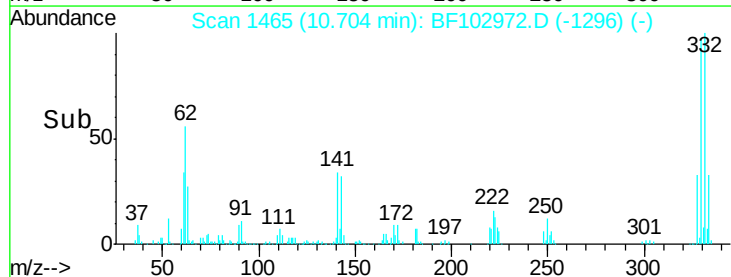
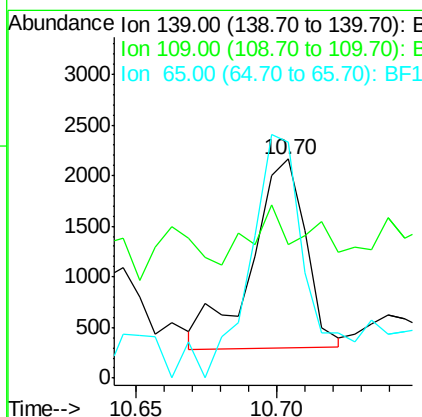
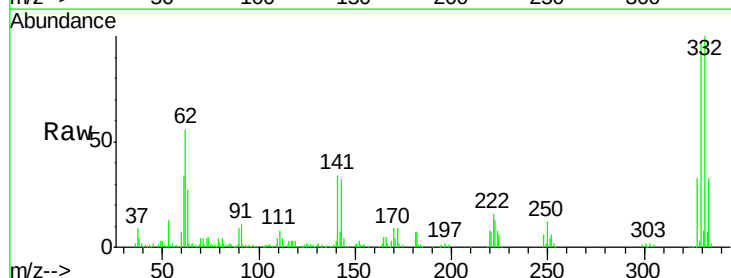
Instrument :
BNA_F
ClientSampled :

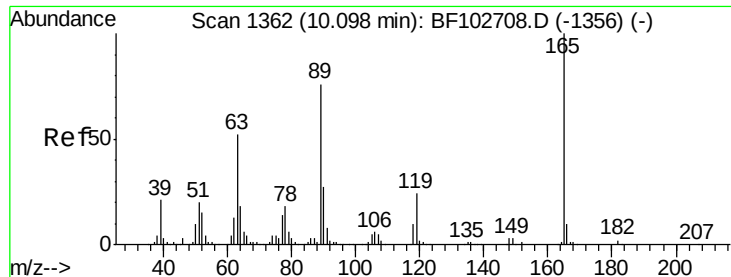
Tot Ion:168 Resp: 4754
Ion Ratio Lower Upper
168 100
139 16.2 30.1 45.1#
169 19.3 10.9 16.3#



#55
4-Nitrophenol
Concen: 66.36 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.69 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:139 Resp: 2487
Ion Ratio Lower Upper
139 100
109 61.3 48.4 88.4
65 108.0 72.6 112.6

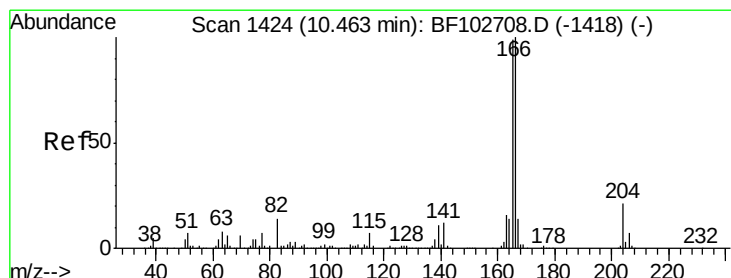
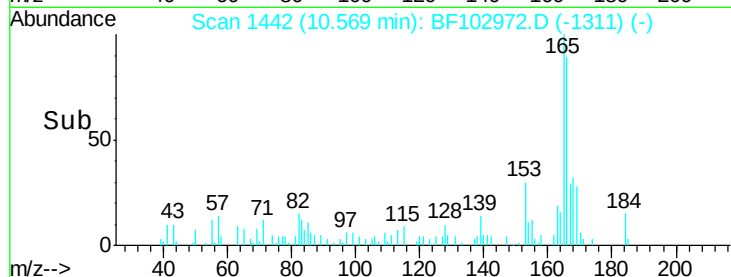
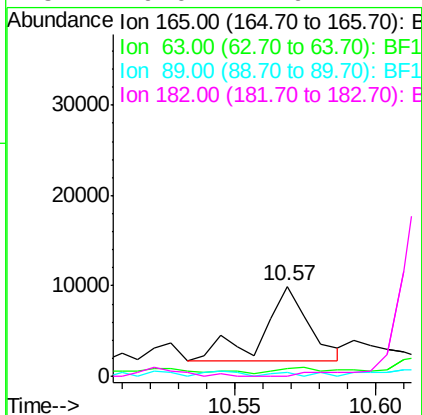
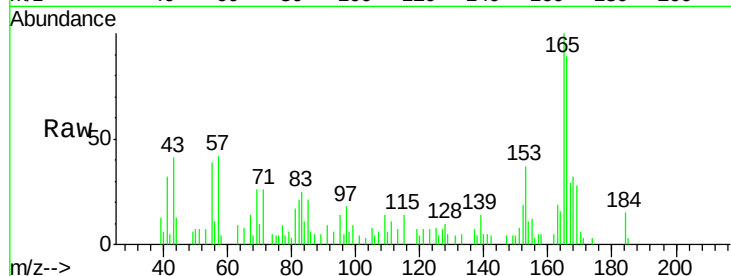




#56
2,4-Dinitrotoluene
Concen: 179.46 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.47 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

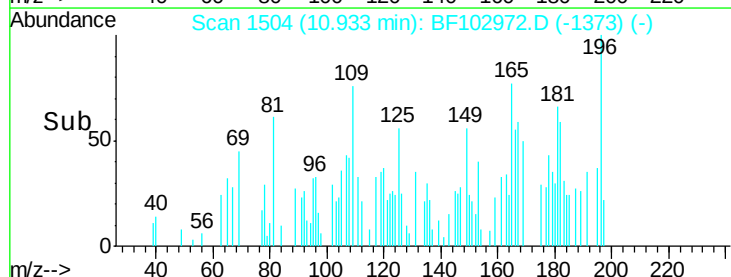
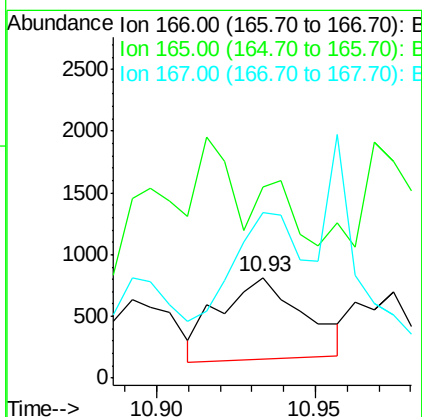
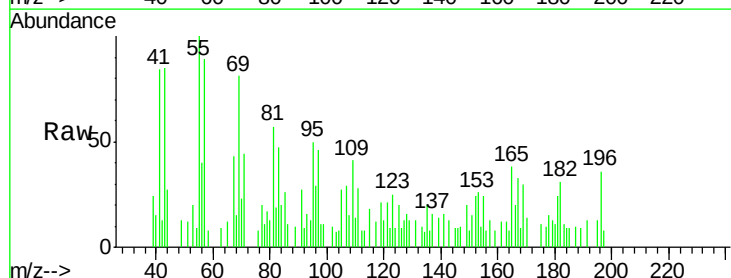
Instrument :
BNA_F
ClientSampleId :

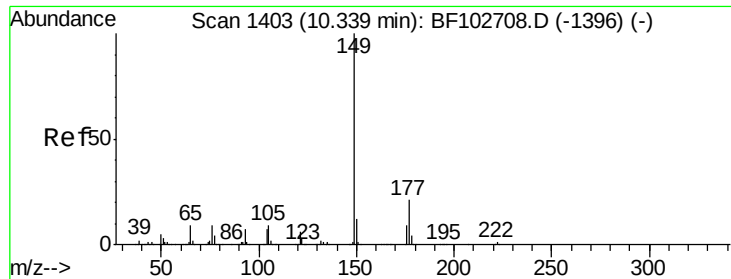
Tot Ion:165 Resp: 9471
Ion Ratio Lower Upper
165 100
63 9.3 36.4 54.6#
89 4.6 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 7.62 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.47 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:166 Resp: 1216
Ion Ratio Lower Upper
166 100
165 190.3 79.8 119.8#
167 164.7 10.6 16.0#

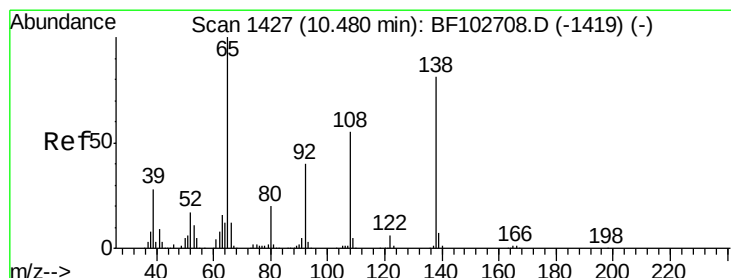
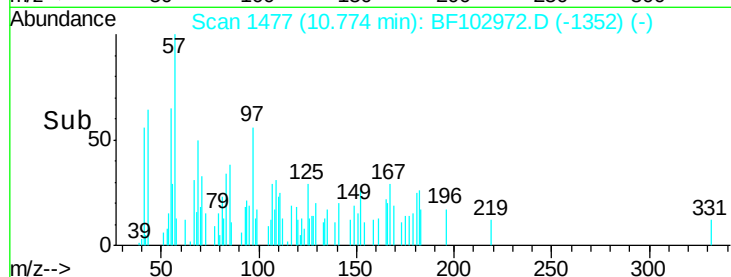
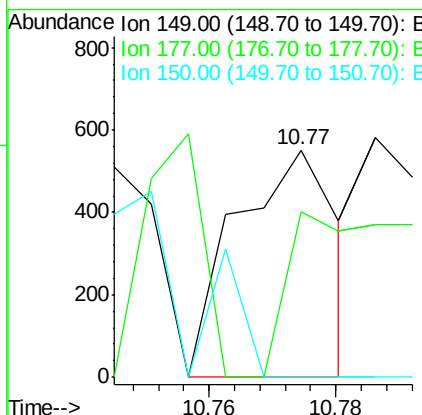
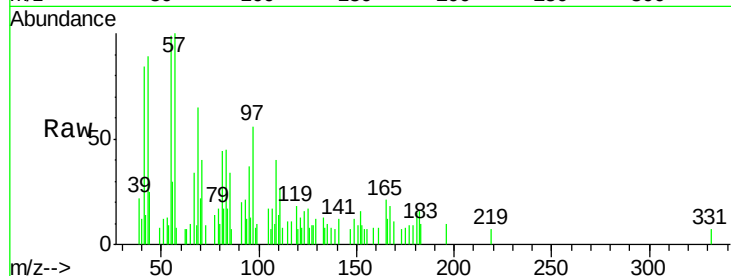




#59
Diethylphthalate
Concen: 3.15 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.44 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

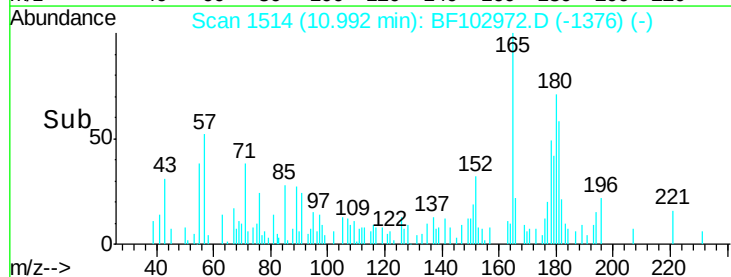
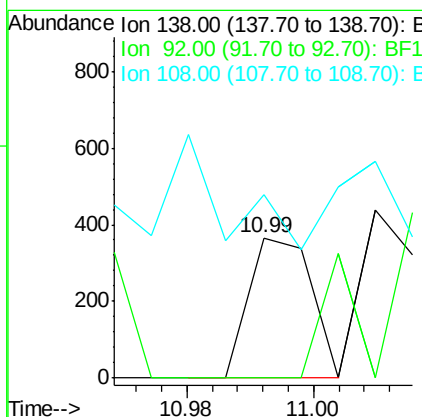
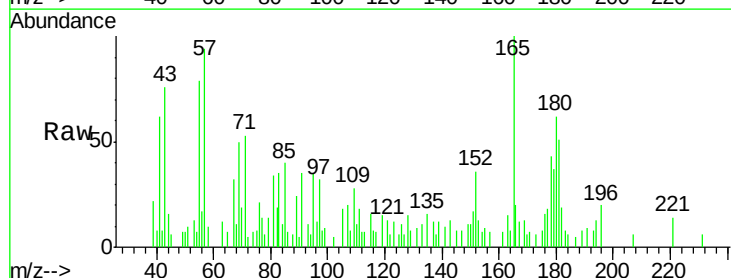
Instrument :
BNA_F
ClientSampled :

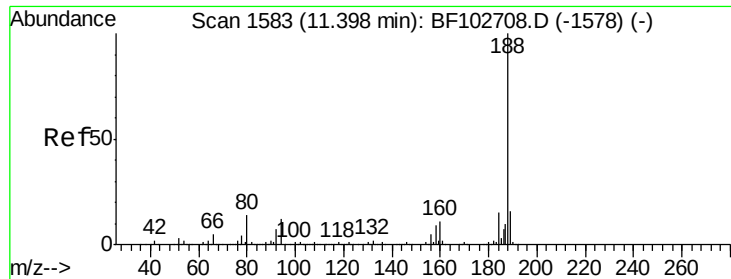
Tot Ion:149 Resp: 613
Ion Ratio Lower Upper
149 100
177 72.8 16.1 24.1#
150 0.0 10.1 15.1#



#61
4-Nitroaniline
Concen: 5.65 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.51 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:138 Resp: 248
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 130.7 52.5 92.5#

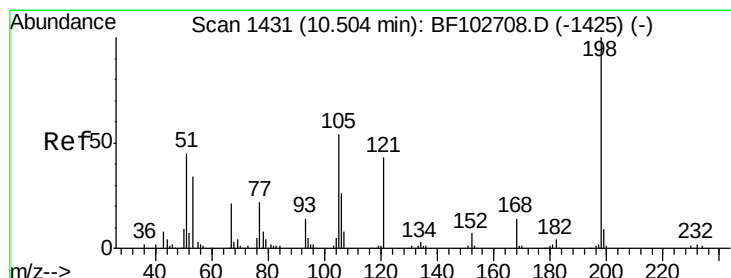
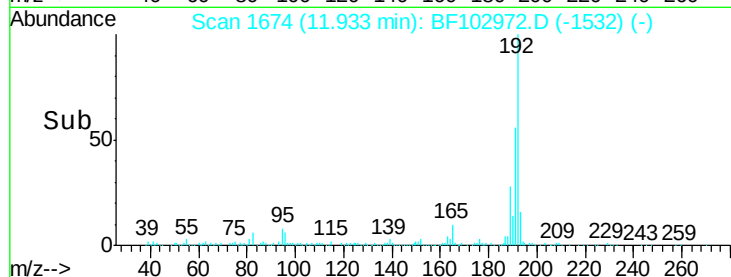
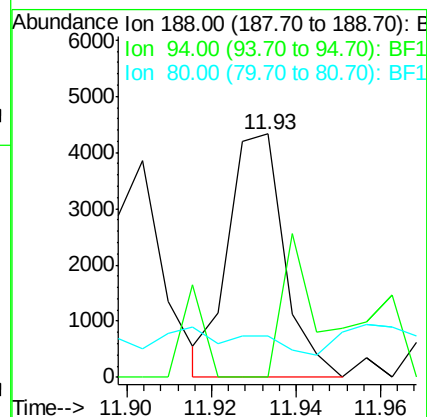
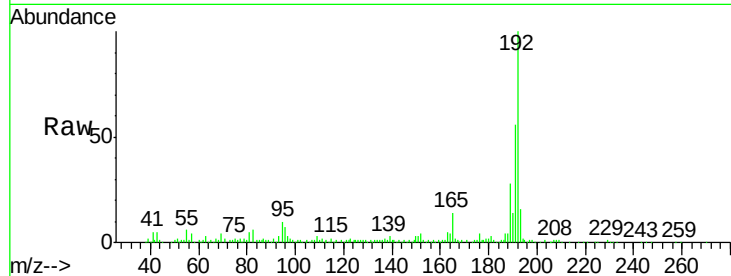




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.93 min Scan# 1674
Delta R.T. 0.54 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

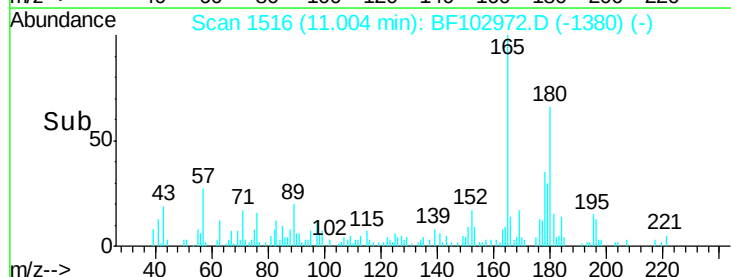
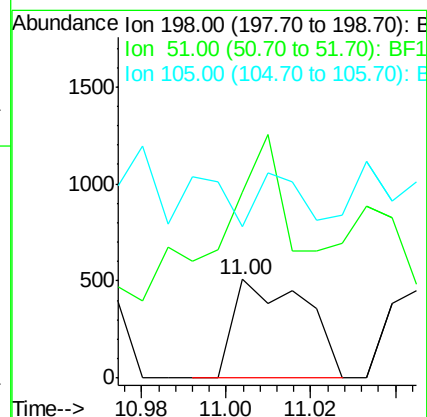
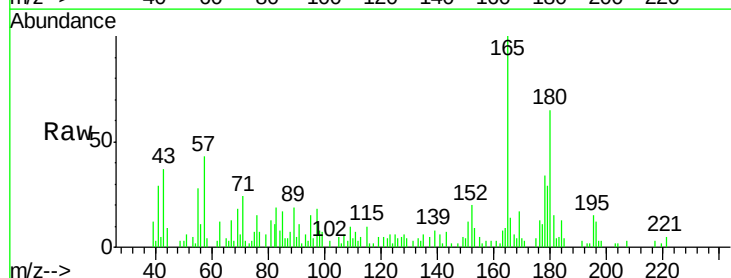
Instrument :
BNA_F
ClientSampleId :

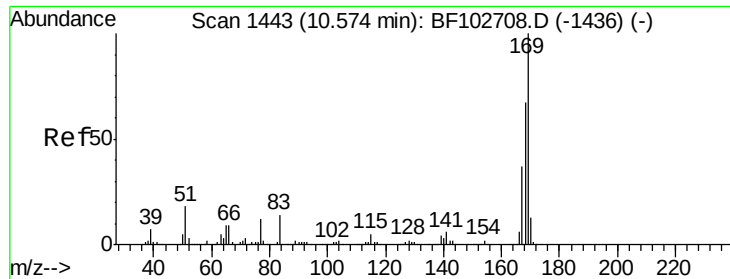
Tot Ion:188 Resp: 3968
Ion Ratio Lower Upper
188 100
94 0.0 8.5 12.7#
80 17.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.28 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.50 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:198 Resp: 600
Ion Ratio Lower Upper
198 100
51 189.2 37.7 77.7#
105 153.7 36.3 76.3#

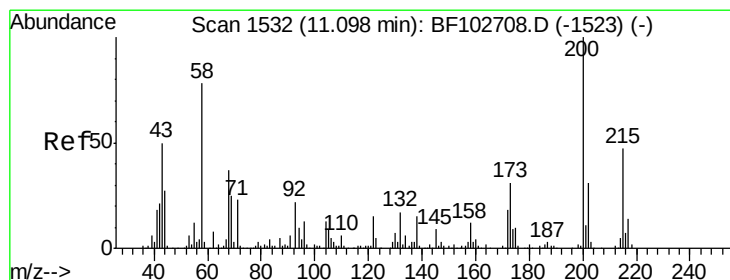
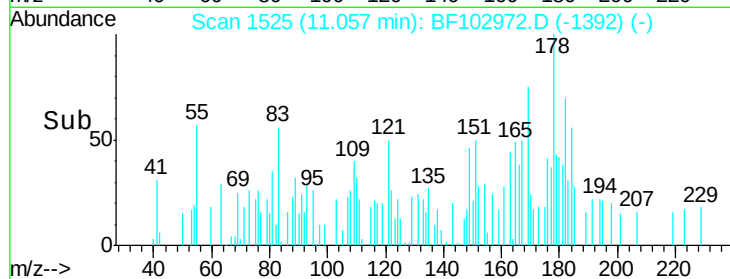
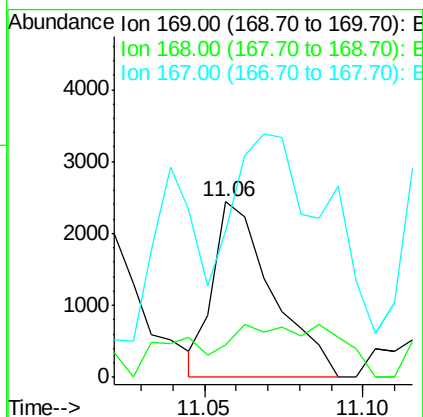
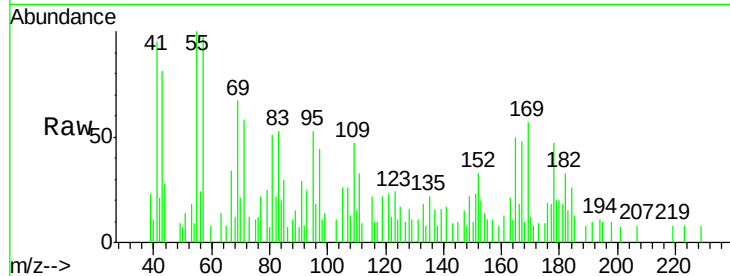




#65
n-Nitrosodiphenylamine
Concen: 22.58 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.48 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

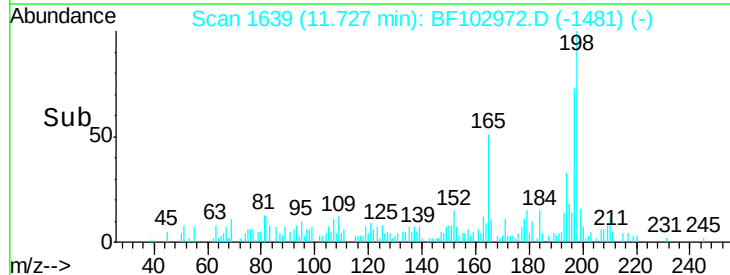
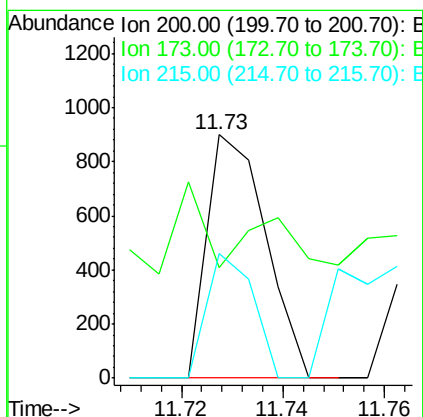
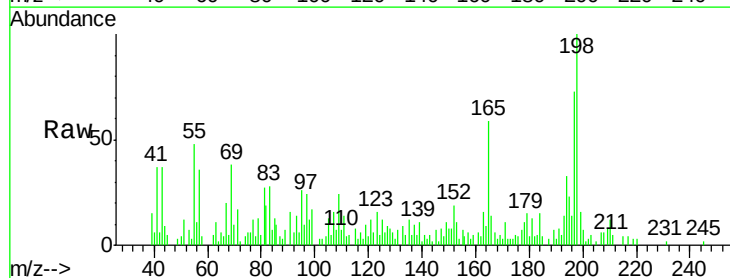
Instrument :
BNA_F
ClientSampleId :

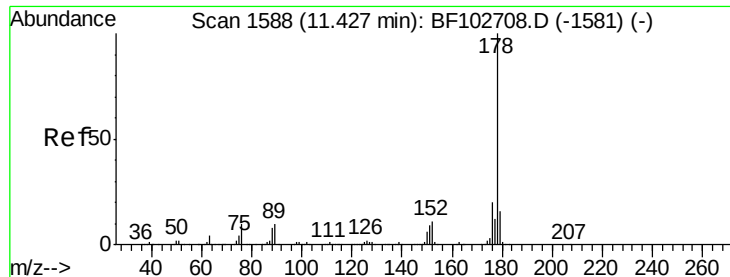
Tot Ion:169 Resp: 3161
Ion Ratio Lower Upper
169 100
168 18.1 54.4 81.6#
167 83.6 29.8 44.6#



#68
Atrazine
Concen: 17.49 ng
RT: 11.73 min Scan# 1639
Delta R.T. 0.63 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:200 Resp: 722
Ion Ratio Lower Upper
200 100
173 45.6 8.6 48.6
215 51.2 25.1 65.1





#70

Phenanthrene

Concen: 3.28 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.54 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampled :

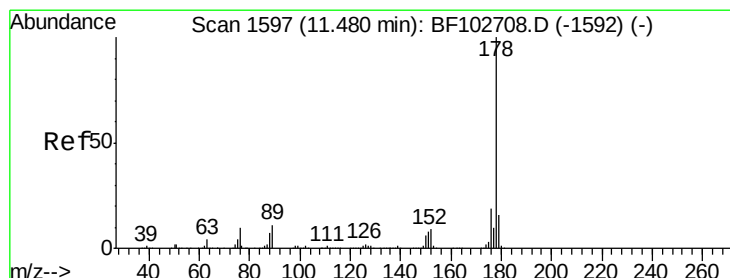
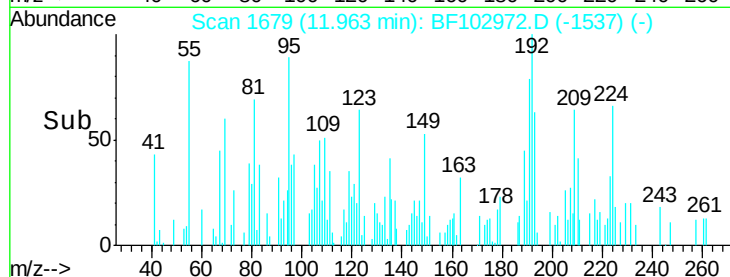
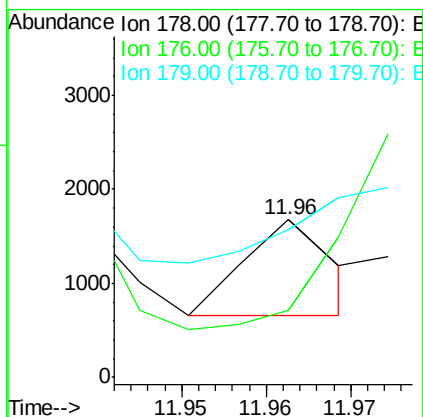
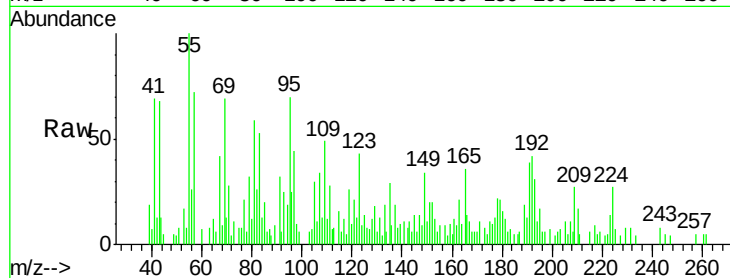
Tot Ion:178 Resp: 725

Ion Ratio Lower Upper

178 100

176 42.4 15.8 23.8#

179 94.0 13.0 19.6#



#71

Anthracene

Concen: 3.37 ng

RT: 12.04 min Scan# 1693

Delta R.T. 0.56 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

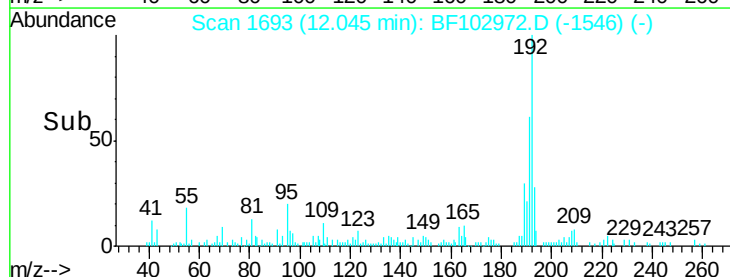
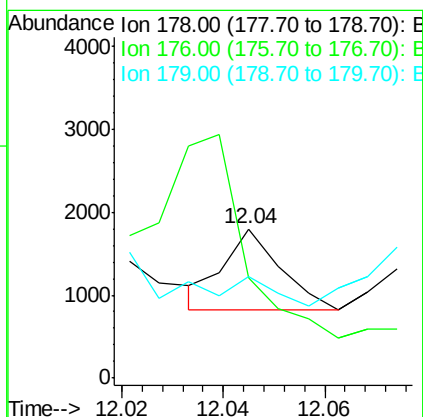
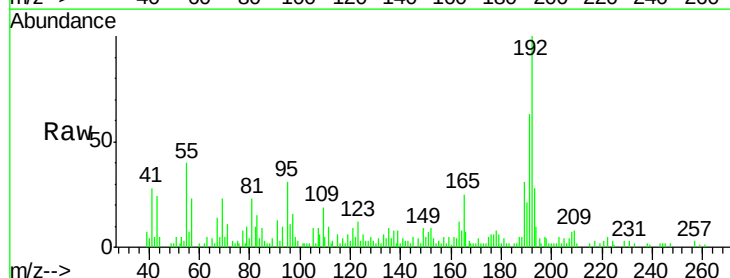
Tgt Ion:178 Resp: 758

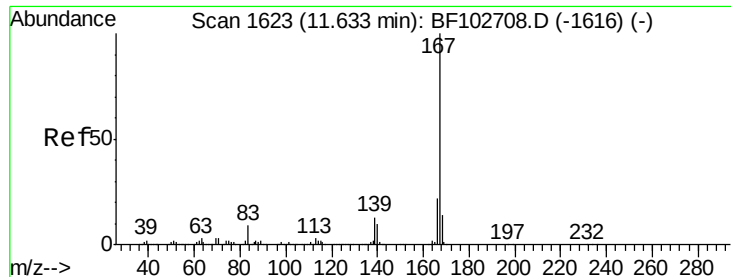
Ion Ratio Lower Upper

178 100

176 67.3 15.4 23.2#

179 67.8 12.6 19.0#





#72

Carbazole

Concen: 2.13 ng

RT: 12.19 min Scan# 1717

Delta R.T. 0.55 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampled :

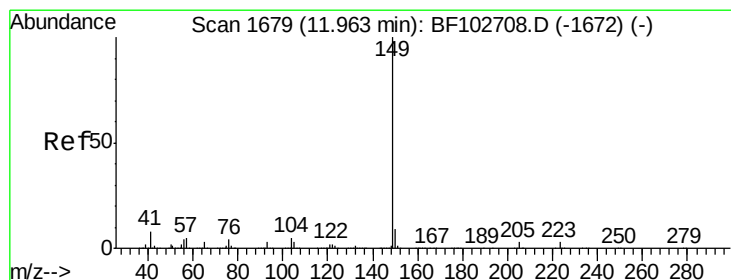
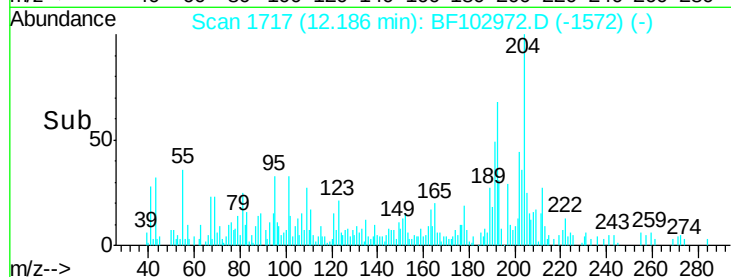
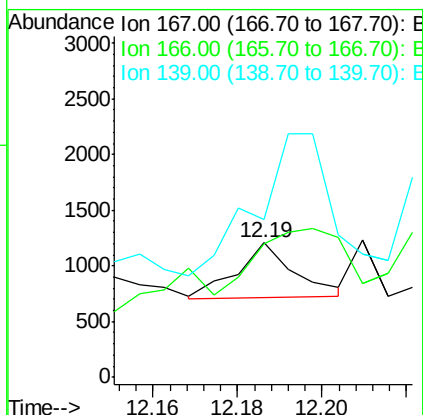
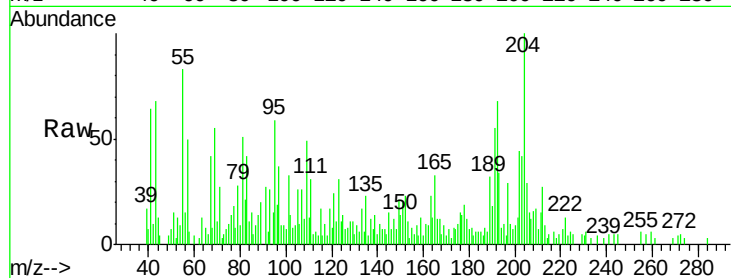
Tot Ion:167 Resp: 468

Ion Ratio Lower Upper

167 100

166 99.5 17.6 26.4#

139 117.0 10.9 16.3#



#73

Di-n-butylphthalate

Concen: 16.57 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.58 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

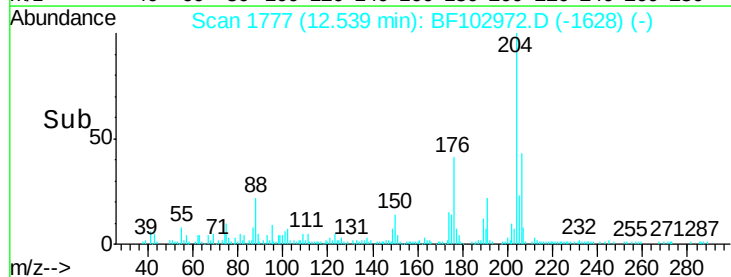
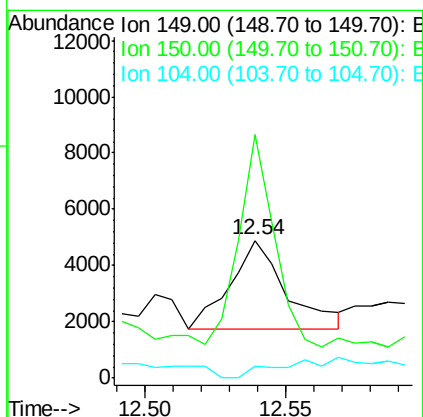
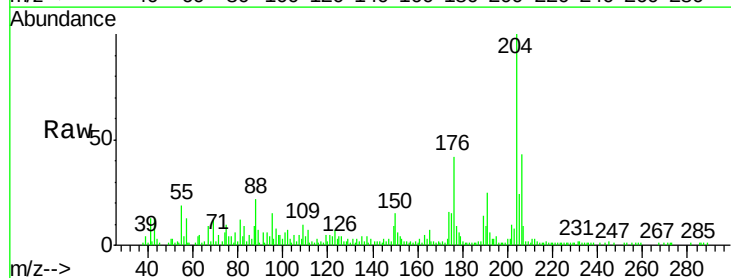
Tgt Ion:149 Resp: 4432

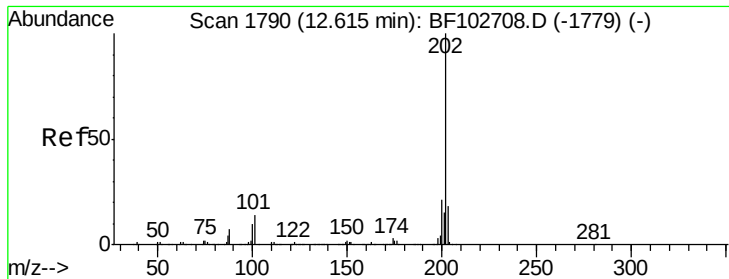
Ion Ratio Lower Upper

149 100

150 177.0 7.8 11.6#

104 8.4 3.8 5.8#





#74

Fluoranthene

Concen: 6.17 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.59 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :

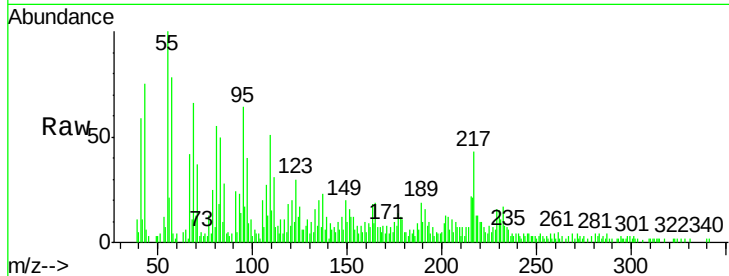
Tot Ion:202 Resp: 1372

Ion Ratio Lower Upper

202 100

101 41.3 0.0 34.1#

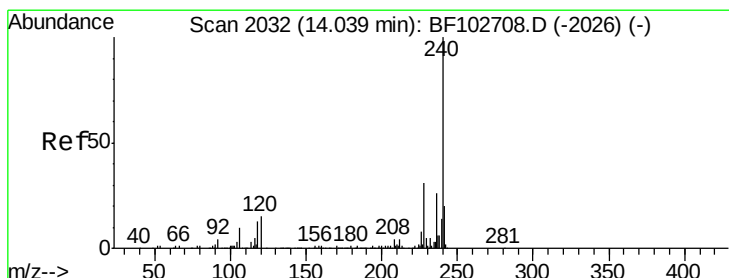
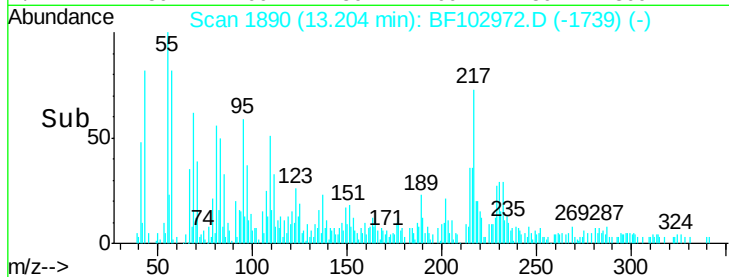
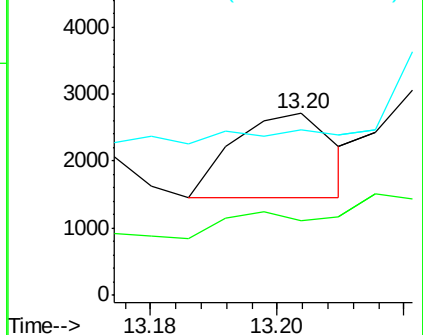
203 91.3 0.0 38.1#



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: 14.67 min Scan# 2140

Delta R.T. 0.64 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

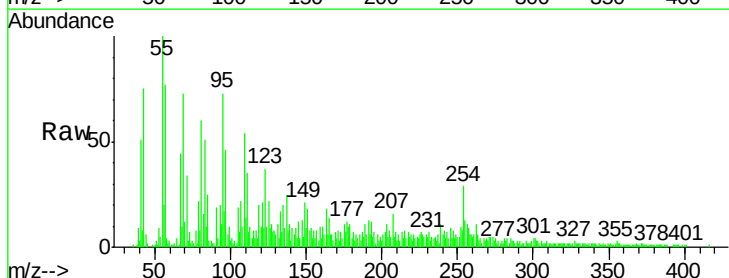
Tgt Ion:240 Resp: 1920

Ion Ratio Lower Upper

240 100

120 174.8 9.5 14.3#

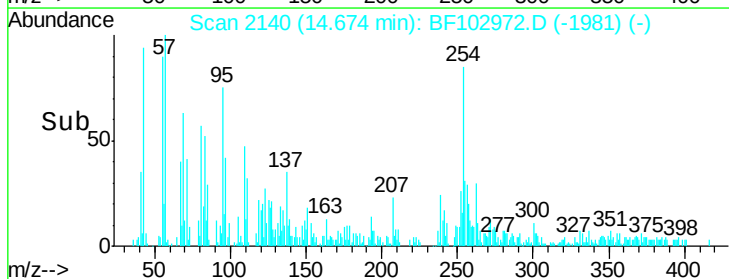
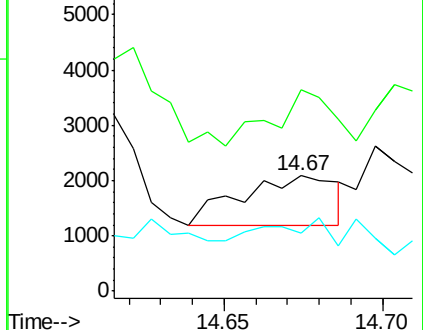
236 50.6 20.7 31.1#

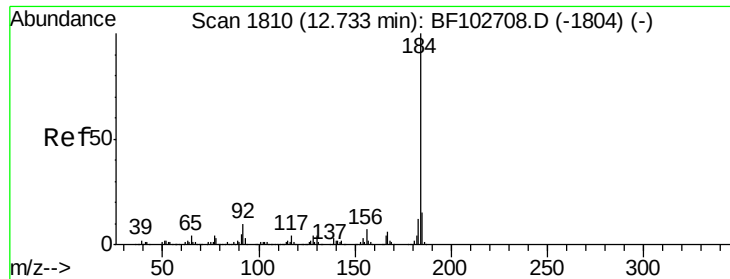


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

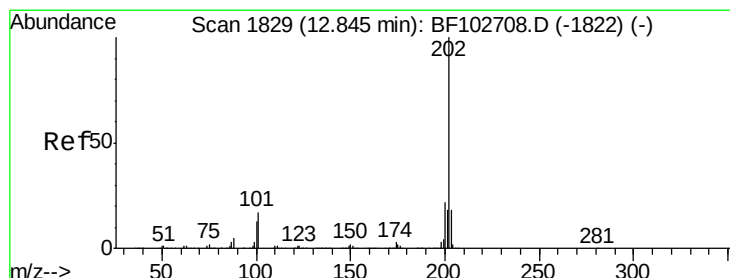
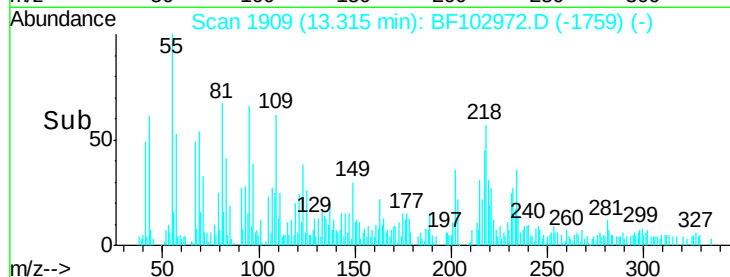
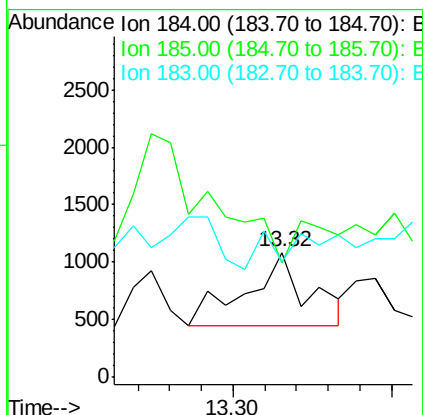
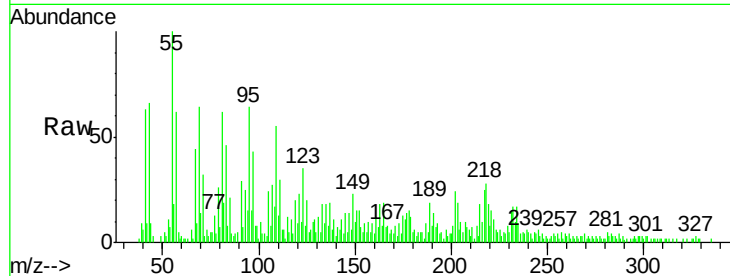




#76
Benzidine
Concen: 9.69 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.58 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

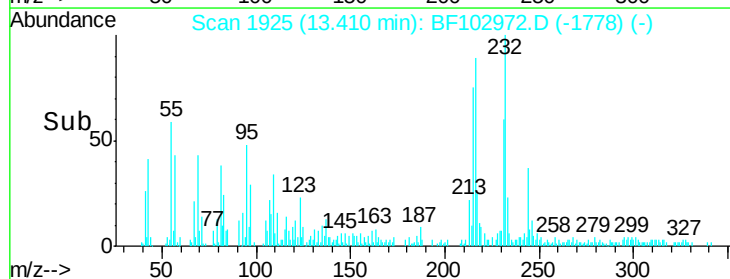
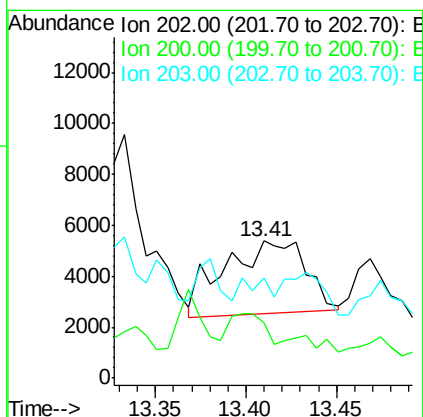
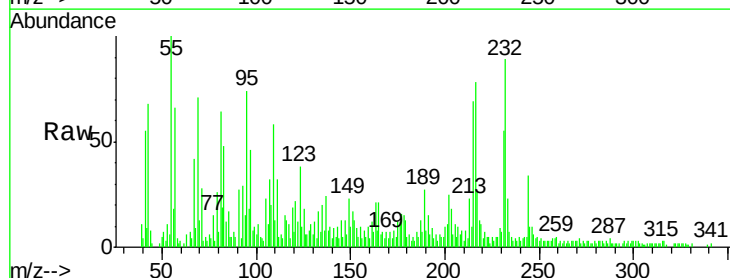
Instrument :
BNA_F
ClientSampleId :

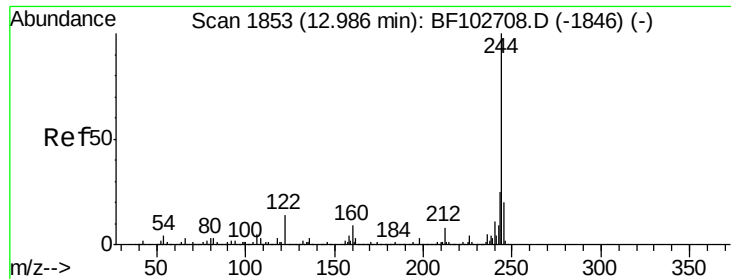
Tot Ion:184 Resp: 855
Ion Ratio Lower Upper
184 100
185 91.0 12.6 18.8#
183 92.2 9.3 13.9#



#77
Pyrene
Concen: 58.99 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.56 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:202 Resp: 8881
Ion Ratio Lower Upper
202 100
200 40.7 17.4 26.2#
203 72.8 14.3 21.5#





#78

Terphenyl-d14

Concen: 91.94 ng

RT: 13.56 min Scan# 1950

Delta R.T. 0.57 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :

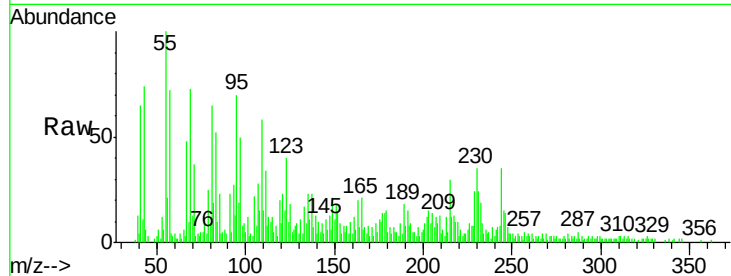
Tot Ion:244 Resp: 7455

Ion Ratio Lower Upper

244 100

212 9.7 5.4 8.0#

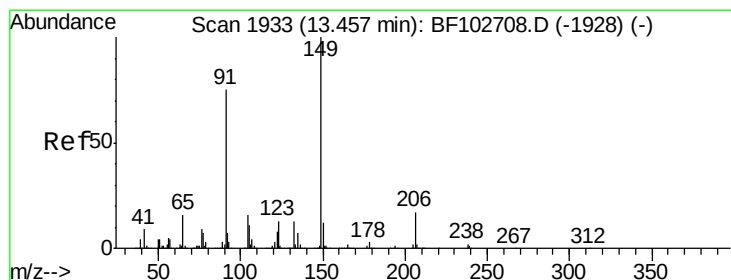
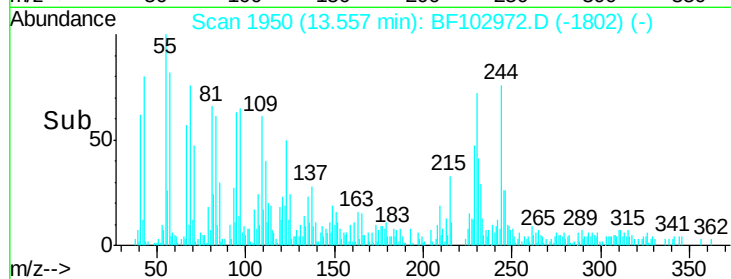
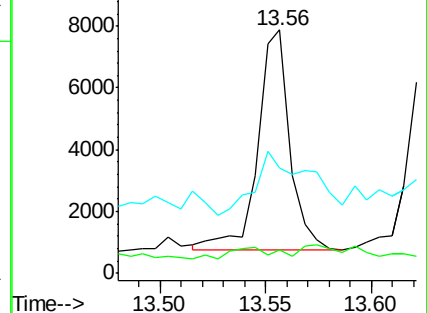
122 43.3 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 32.09 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.62 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

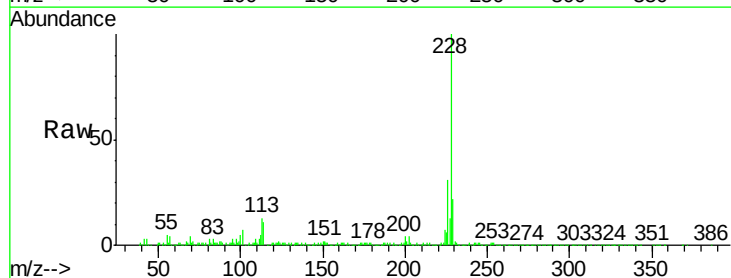
Tgt Ion:149 Resp: 2286

Ion Ratio Lower Upper

149 100

91 79.6 56.8 85.2

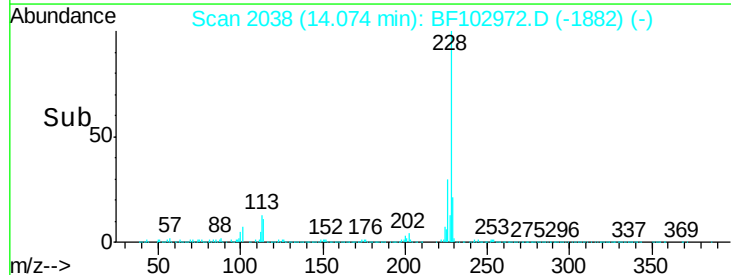
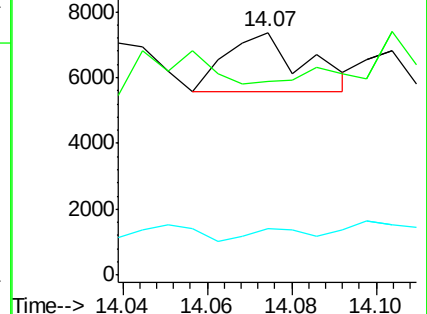
206 19.4 14.1 21.1

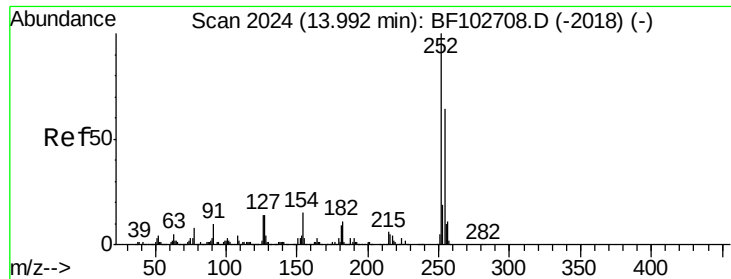


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

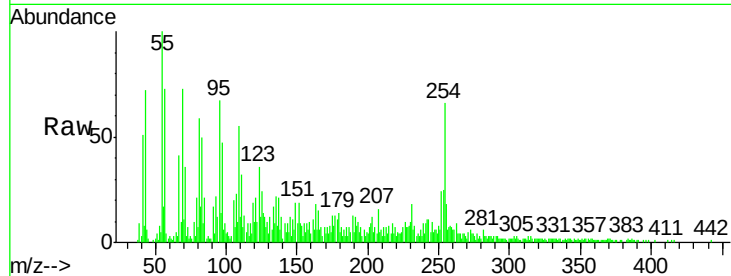




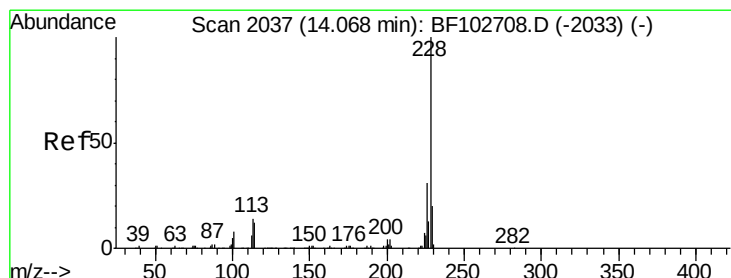
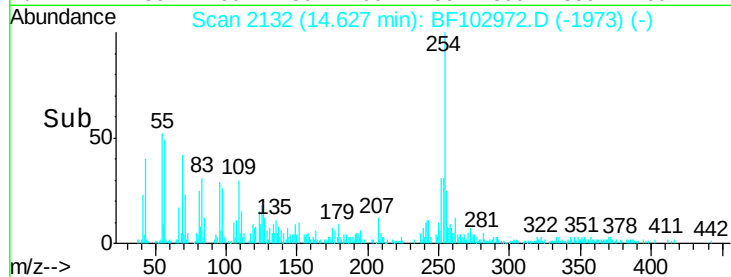
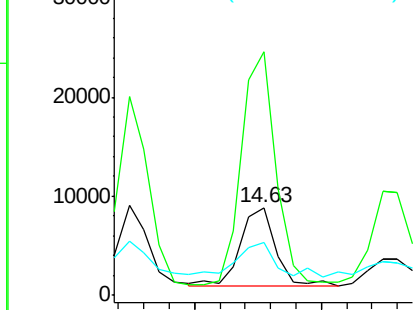
#81
 3,3'-Dichlorobenzidine
 Concen: 168.79 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.64 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	278.3	50.4	75.6#
126	60.3	11.3	16.9#

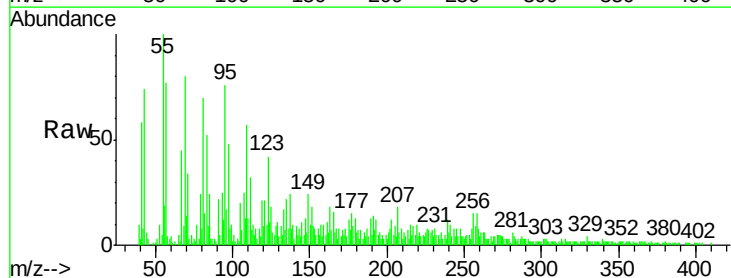


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

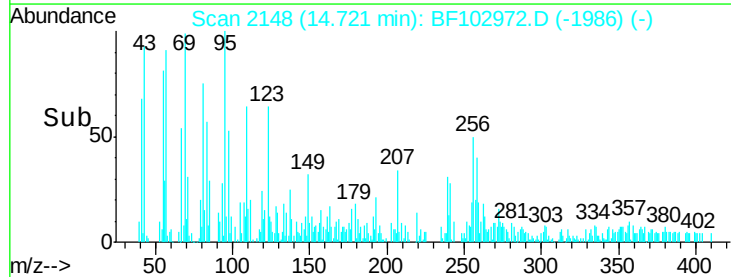
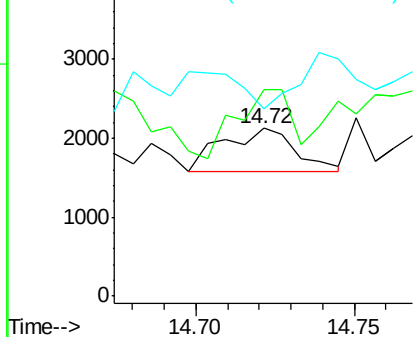


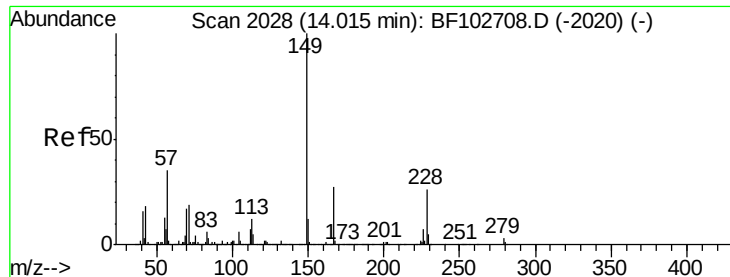
#82
 Chrysene
 Concen: 7.22 ng
 RT: 14.72 min Scan# 2148
 Delta R.T. 0.65 min
 Lab File: BF102972.D
 Acq: 13 Feb 2018 20:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	123.3	25.0	37.6#
229	112.1	16.2	24.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.19 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.64 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

Instrument :

BNA_F

ClientSampleId :

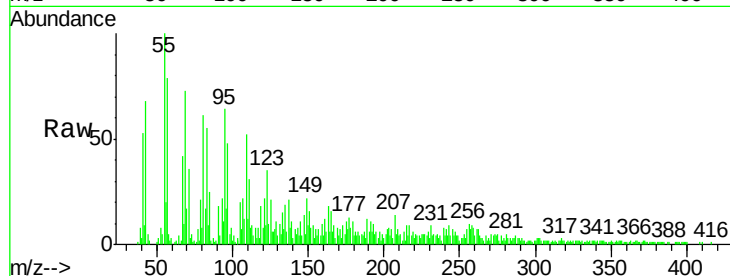
Tot Ion:149 Resp: 2877

Ion Ratio Lower Upper

149 100

167 39.7 21.3 31.9#

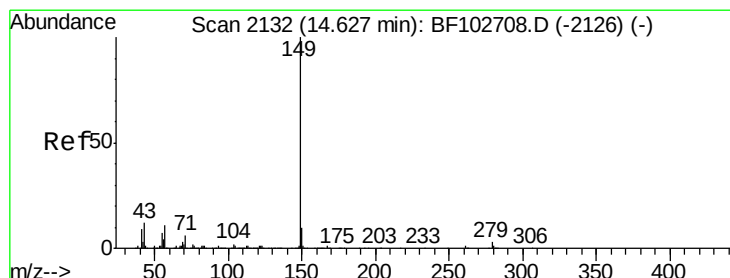
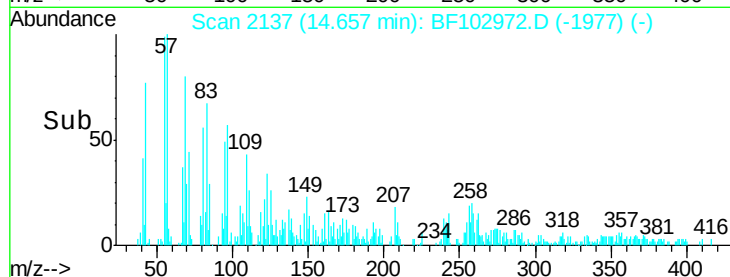
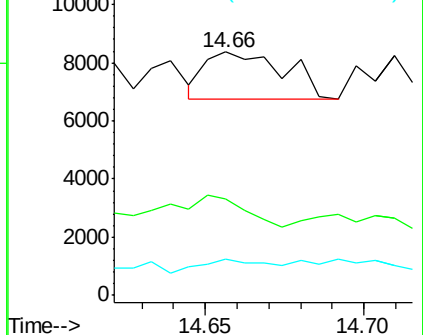
279 14.8 3.0 4.4#



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: 5.15 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.67 min

Lab File: BF102972.D

Acq: 13 Feb 2018 20:01

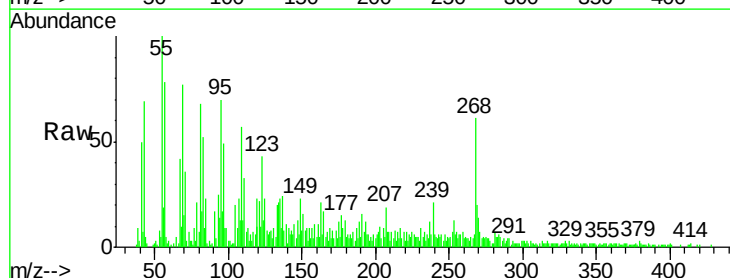
Tgt Ion:149 Resp: 713

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

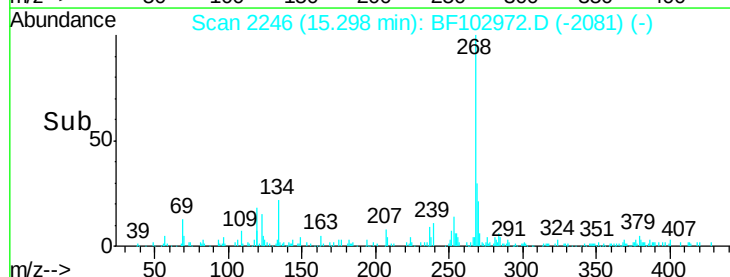
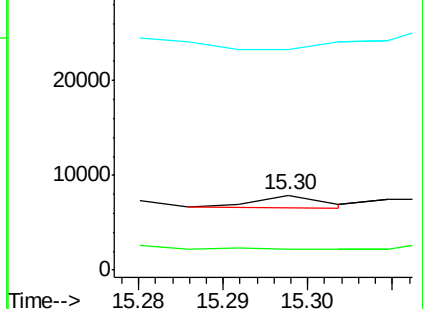
43 0.0 8.4 12.6#

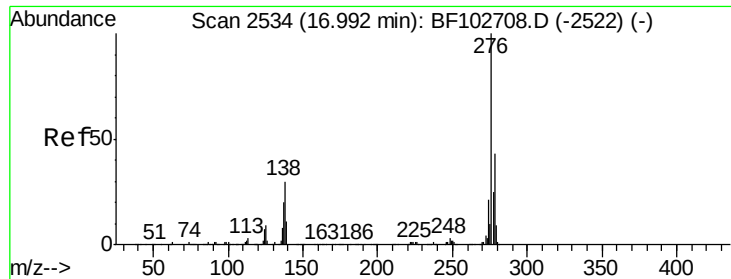


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

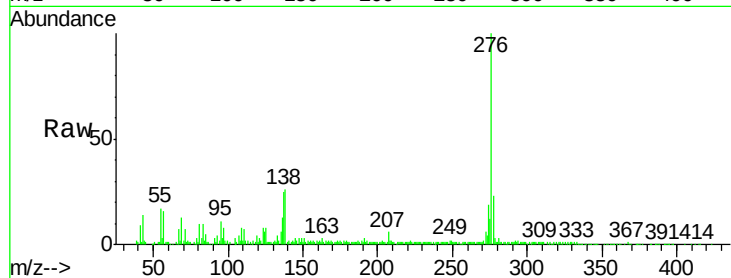




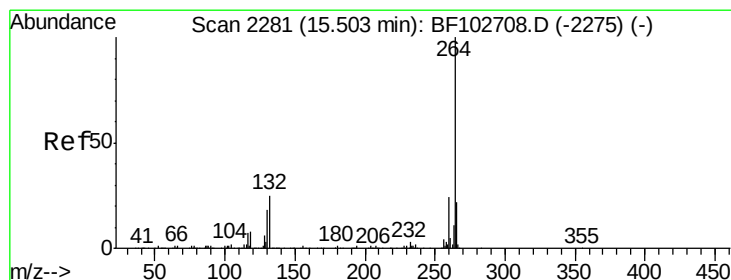
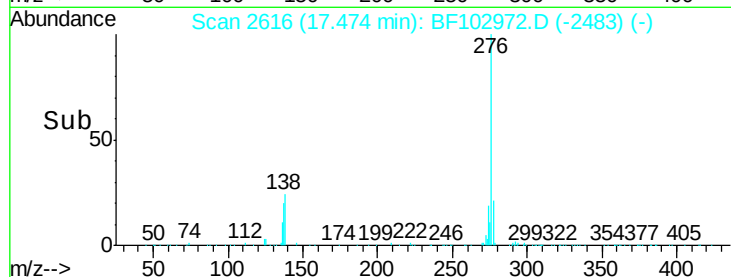
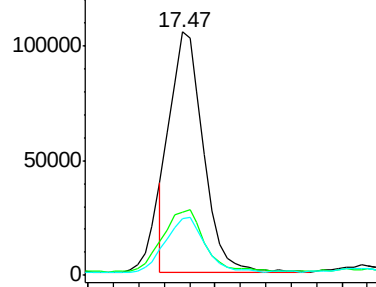
#85
Indeno(1,2,3-cd)pyrene
Concen: 1875.85 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.48 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 189374
Ion Ratio Lower Upper
276 100
138 27.3 25.0 37.6
277 23.8 20.1 30.1

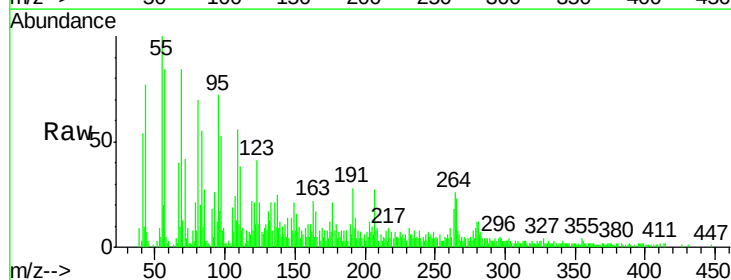


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

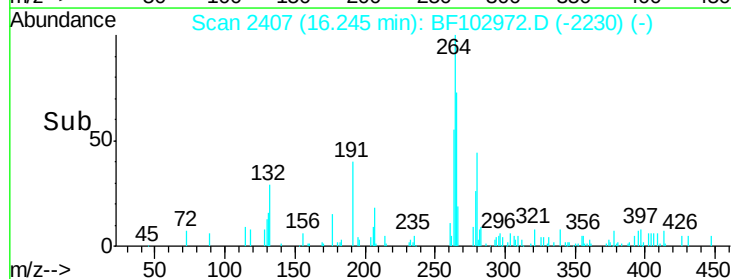
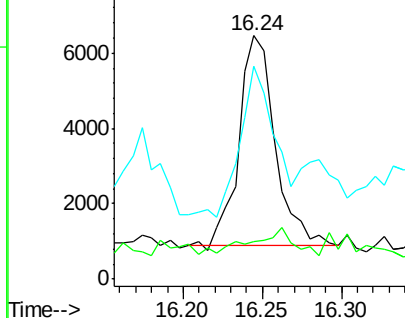


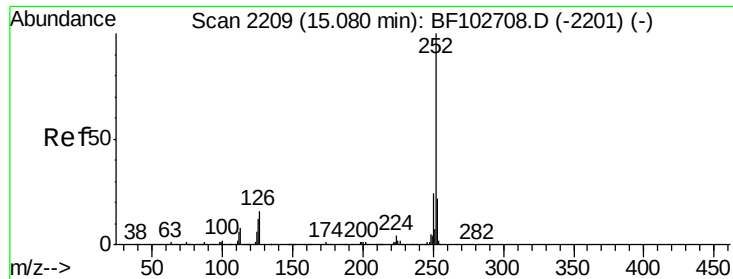
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2407
Delta R.T. 0.74 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:264 Resp: 8854
Ion Ratio Lower Upper
264 100
260 15.7 19.2 28.8#
265 87.2 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

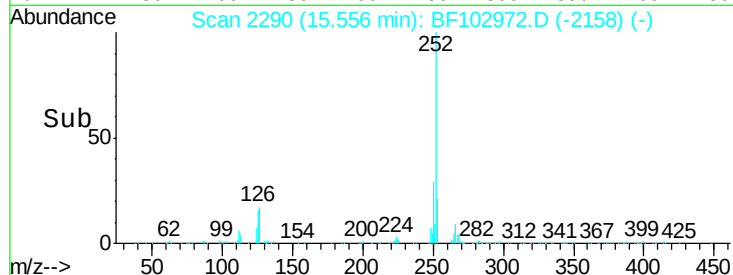
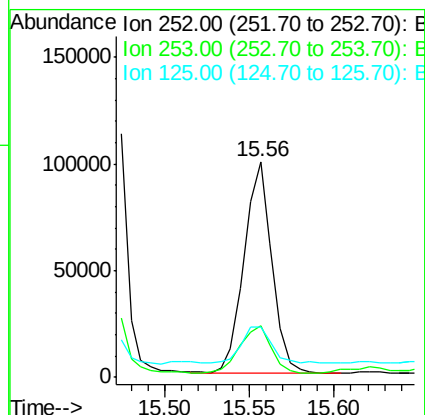
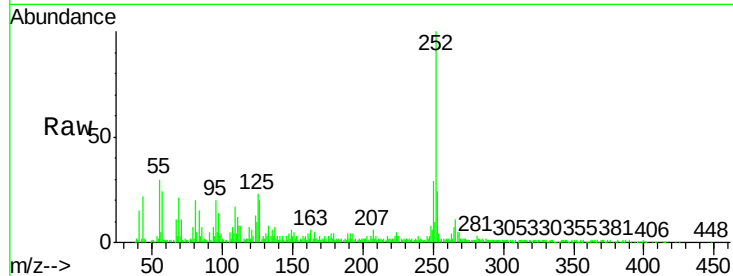




#87
Benzo(b)fluoranthene
Concen: 198.45 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.48 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	23.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 207.03 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.45 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	23.0	10.2	15.2

