

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101274.D
 Acq On : 9 Dec 2017 10:12
 Operator : SJ/JU
 Sample : I6744-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 23:43:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	38992	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	120720	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	44029	20.00	ng	0.04
63) Phenanthrene-d10	11.41	188	69906	20.00	ng	0.05
75) Chrysene-d12	14.07	240	50532	20.00	ng	0.06
86) Perylene-d12	15.57	264	48521	20.00	ng	0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	208651	88.42	ng	0.00
7) Phenol-d6	6.47	99	244643	85.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	137229	67.81	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	36090	68.23	ng	0.04
44) 2-Fluorobiphenyl	9.20	172	213974	66.49	ng	0.02
78) Terphenyl-d14	13.00	244	169784	73.49	ng	0.06

Target Compounds

						Qvalue
9) Benzaldehyde	6.36	77	4619	2.634	ng	# 1
10) Phenol	6.49	94	9709	3.048	ng	# 58
14) 1,2-Dichlorobenzene	7.00	146	13814	4.775	ng	# 84
15) Benzyl Alcohol	6.99	79	7220	3.263	ng	# 44
18) Hexachloroethane	7.36	117	4369	4.384	ng	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	19214	9.959	ng	# 67
25) Isophorone	7.64	82	46958	13.585	ng	# 1
26) 2-Nitrophenol	7.73	139	4076	3.744	ng	# 1
27) 2,4-Dimethylphenol	7.77	122	13855	8.797	ng	# 4
29) 2,4-Dichlorophenol	7.95	162	7477	4.361	ng	# 29
32) Benzoic acid	7.90	122	10058	8.211	ng	# 29
35) Caprolactam	8.58	113	8377	15.679	ng	# 1
36) 4-Chloro-3-methylphenol	8.71	107	3893	2.192	ng	# 34
42) 2,4,6-Trichlorophenol	9.12	196	4889	5.214	ng	# 13
43) 2,4,5-Trichlorophenol	9.17	196	2214	2.209	ng	# 1
46) 2-Chloronaphthalene	9.12	162	10790	3.766	ng	# 93
47) 2-Nitroaniline	9.45	65	7265	8.571	ng	# 1
48) Acenaphthylene	9.76	152	20588	4.373	ng	# 1
50) 2,6-Dinitrotoluene	9.70	165	8665	11.586	ng	# 80
51) Acenaphthene	9.93	154	28760	10.202	ng	# 63
52) 3-Nitroaniline	9.85	138	14616	17.378	ng	# 28
53) 2,4-Dinitrophenol	9.96	184	899	7.024	ng	# 1
54) Dibenzofuran	10.11	168	50056	12.321	ng	# 71
55) 4-Nitrophenol	10.01	139	7224	12.736	ng	# 1
56) 2,4-Dinitrotoluene	10.10	165	6770	6.754	ng	# 64
57) Fluorene	10.46	166	112239	33.985	ng	# 79
60) 4-Chlorophenyl-phenylether	10.46	204	4151	2.546	ng	# 1
61) 4-Nitroaniline	10.36	138	20744	23.760	ng	# 86
62) Azobenzene	10.62	77	14263	4.799	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.52	198	3465	7.390	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	152595	61.874	ng	# 45
68) Atrazine	11.12	200	2817	3.724	ng	# 1
69) Pentachlorophenol	11.23	266	5199	11.275	ng	# 9
70) Phenanthrene	11.46	178	30424	7.903	ng	# 1

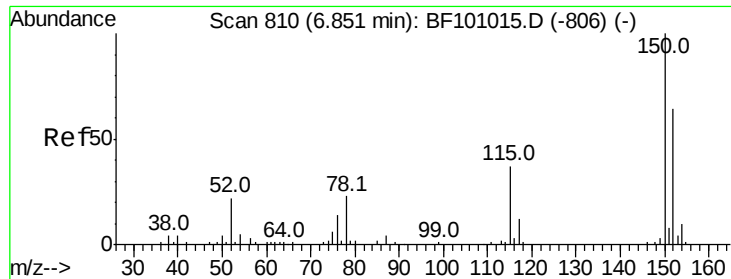
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.49	178	13501	3.465	nq	# 22
73) Di-n-butylphthalate	11.95	149	10701	2.398	nq	# 13
74) Fluoranthene	12.64	202	26956	6.317	nq	# 33
77) Pyrene	12.87	202	61064	17.513	nq	# 67
80) Benzo(a)anthracene	14.09	228	42504	13.322	nq	# 21
81) 3,3'-Dichlorobenzidine	13.99	252	2461	2.227	nq	# 39
82) Chrysene	14.09	228	42504	14.345	nq	# 28
83) Bis(2-ethylhexyl)phthalate	14.02	149	7476	3.411	nq	# 41
87) Benzo(b)fluoranthene	15.12	252	8064	2.775	nq	# 1

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

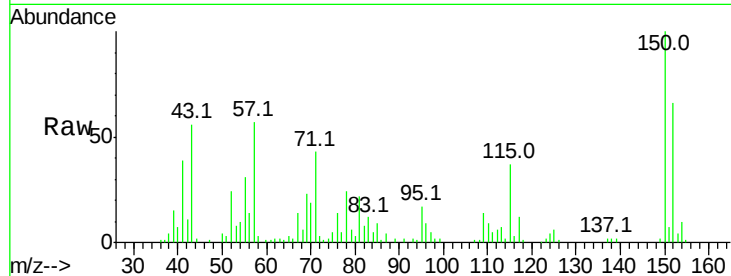


#1

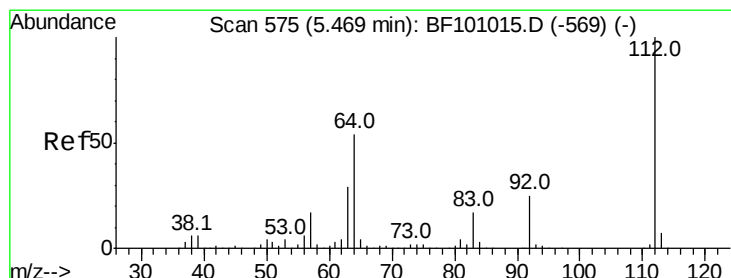
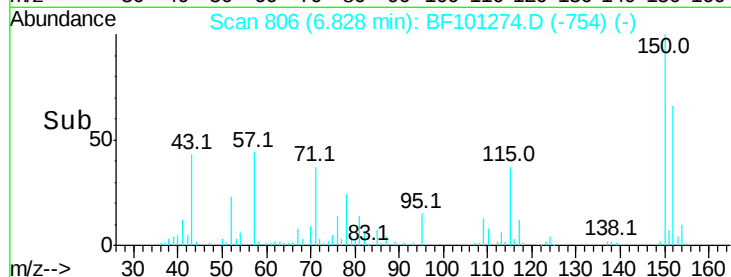
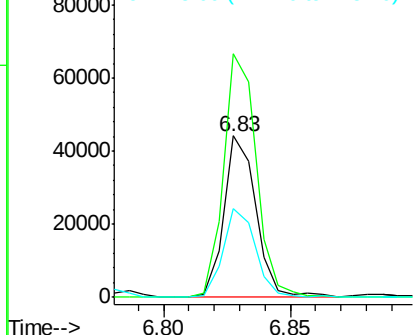
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 38992
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 55.3 50.1 75.1



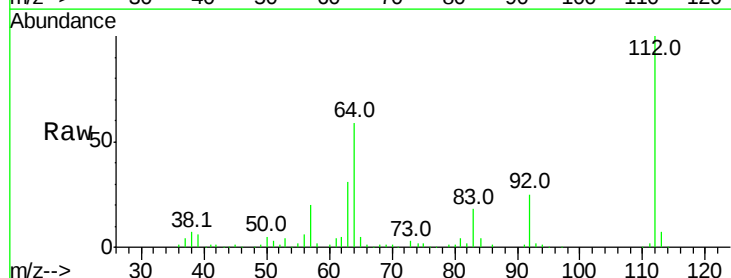
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



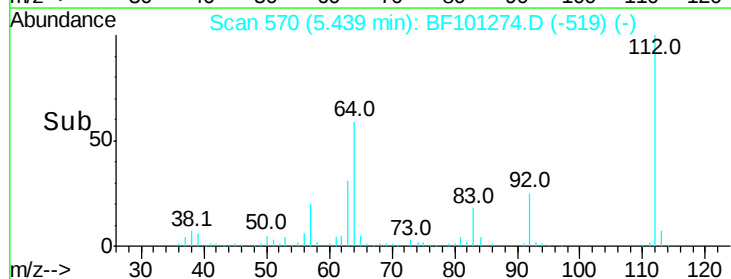
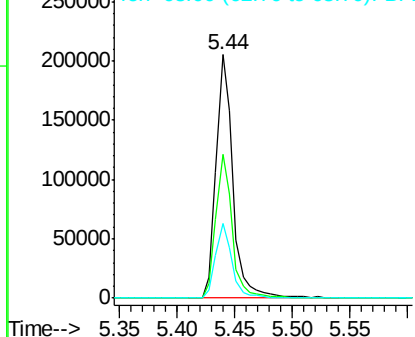
#5

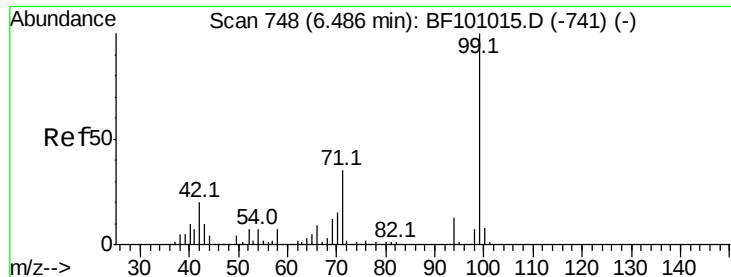
2-Fluorophenol
Concen: 88.424 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Tgt Ion:112 Resp: 208651
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.8 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: 85.395 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

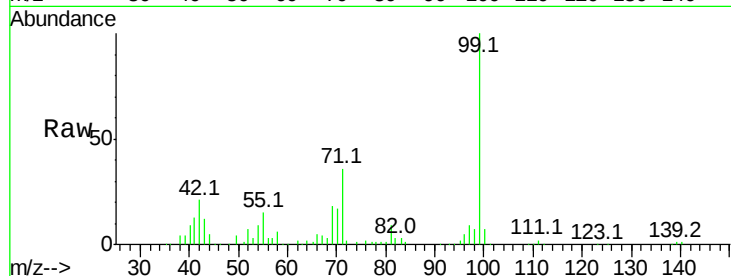
Tot Ion: 99 Resp: 244643

Ion Ratio Lower Upper

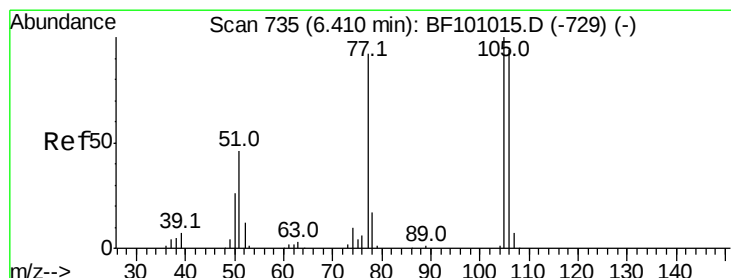
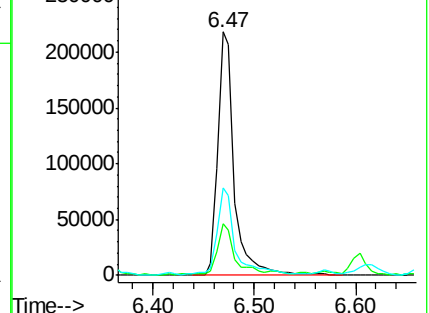
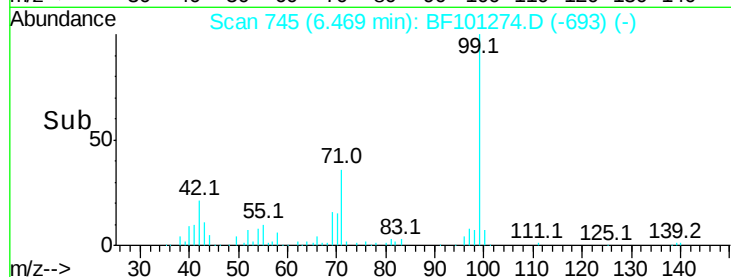
99 100

42 21.5 14.5 21.7

71 36.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.634 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

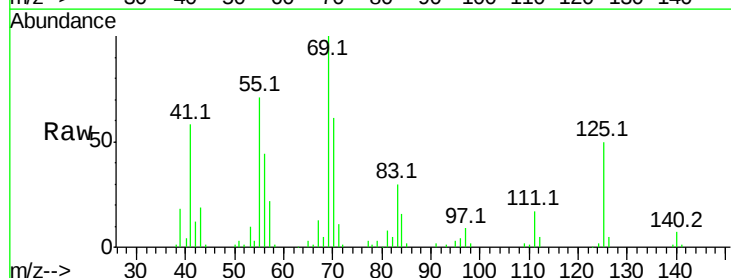
Tgt Ion: 77 Resp: 4619

Ion Ratio Lower Upper

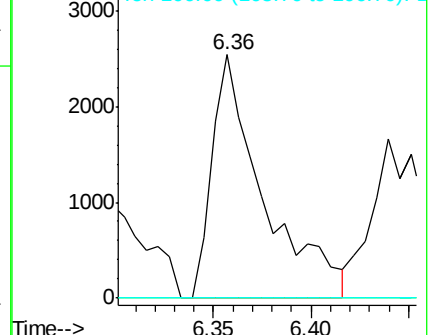
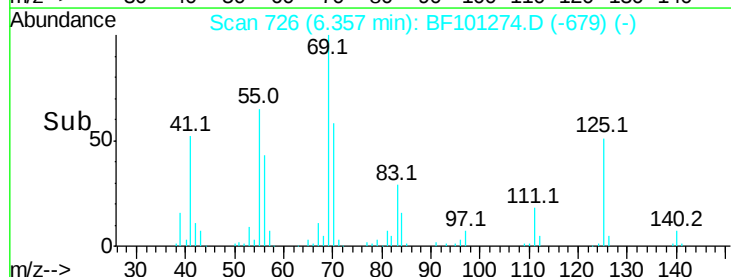
77 100

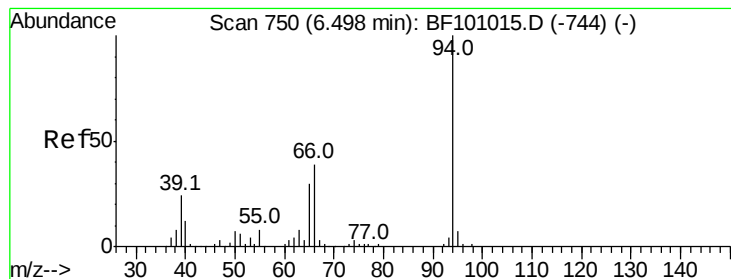
105 0.0 81.1 121.1#

106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.048 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

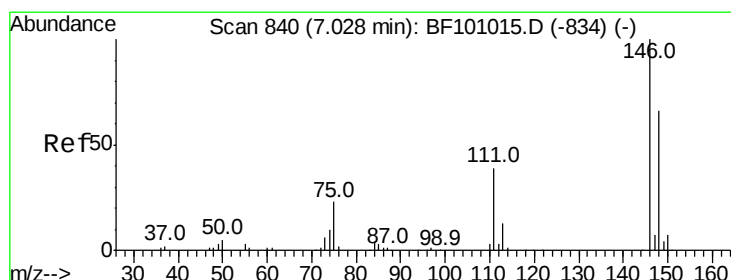
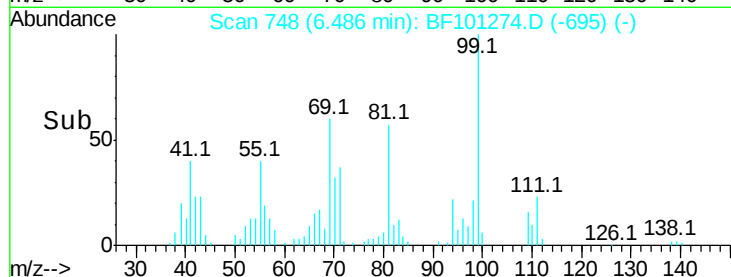
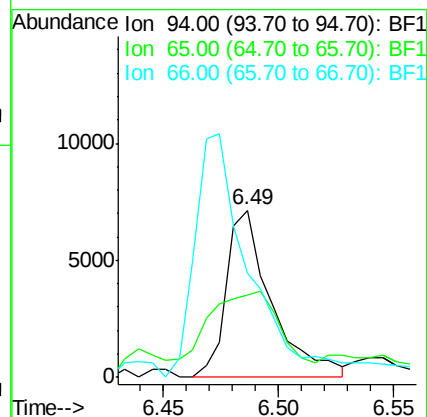
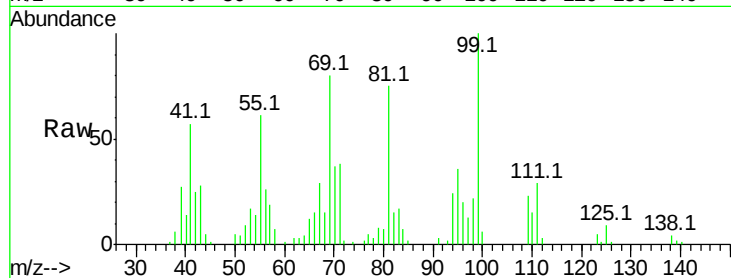
Tot Ion: 94 Resp: 9709

Ion Ratio Lower Upper

94 100

65 49.0 7.9 47.9#

66 62.3 16.2 56.2#



#14

1,2-Dichlorobenzene

Concen: 4.775 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

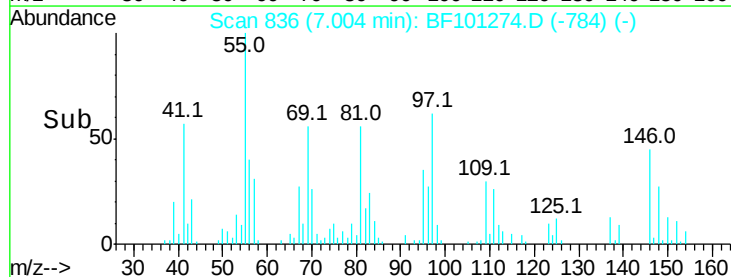
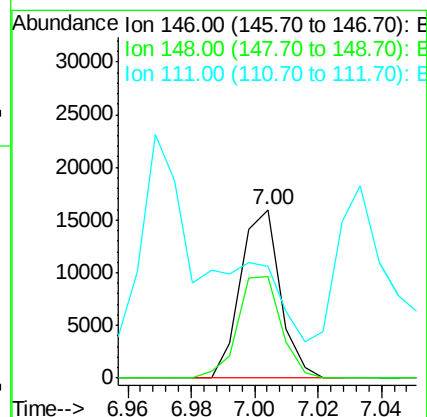
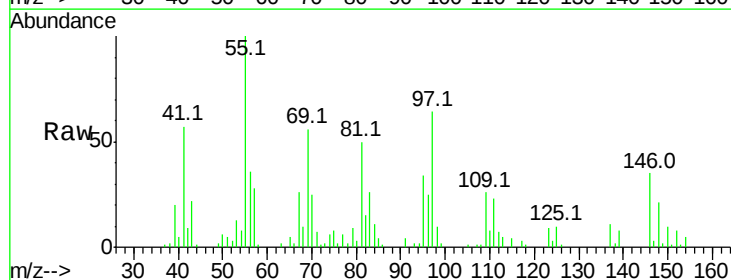
Tgt Ion: 146 Resp: 13814

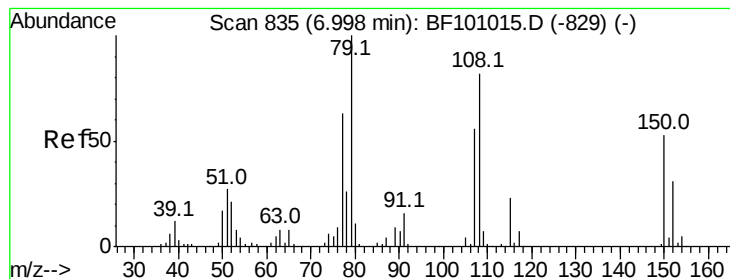
Ion Ratio Lower Upper

146 100

148 60.6 50.6 75.8

111 66.7 36.0 54.0#





#15

Benzyl Alcohol

Concen: 3.263 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.02 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

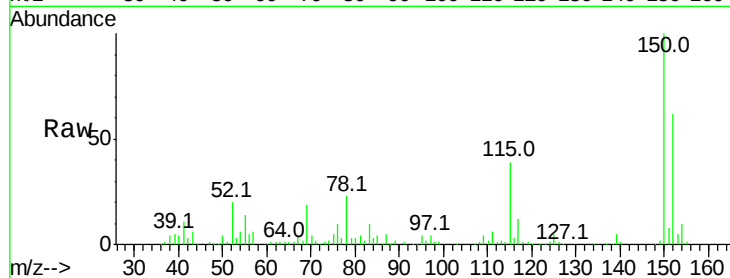
Tot Ion: 79 Resp: 7220

Ion Ratio Lower Upper

79 100

108 25.7 65.1 97.7#

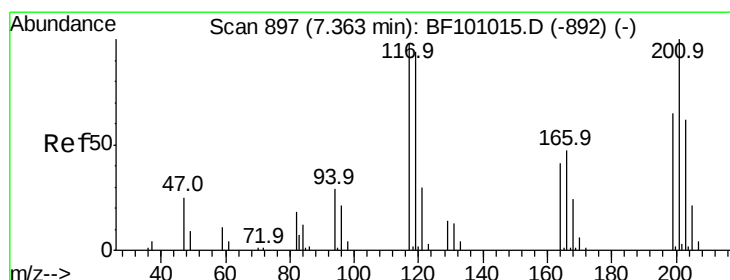
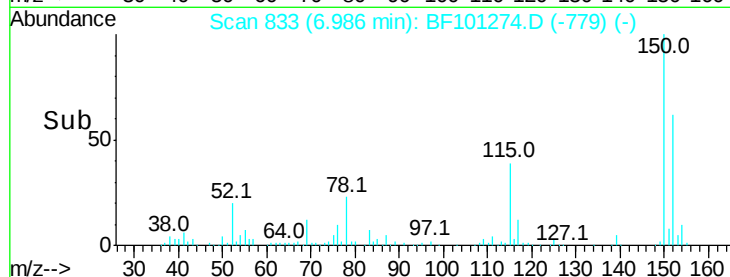
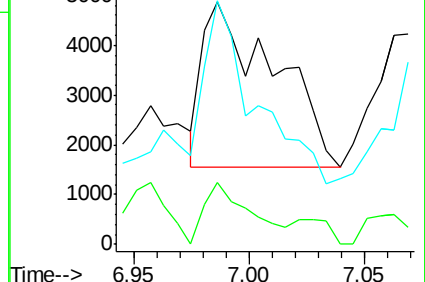
77 100.5 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 4.384 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.03 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

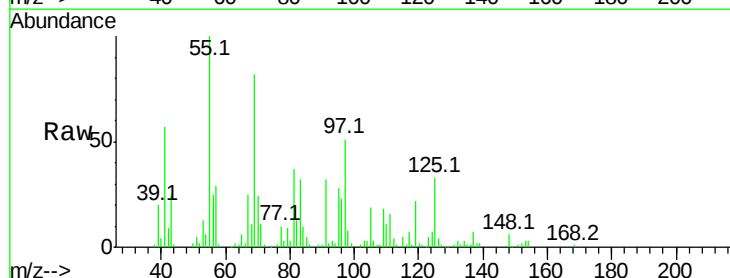
Tgt Ion: 117 Resp: 4369

Ion Ratio Lower Upper

117 100

119 311.7 75.8 113.8#

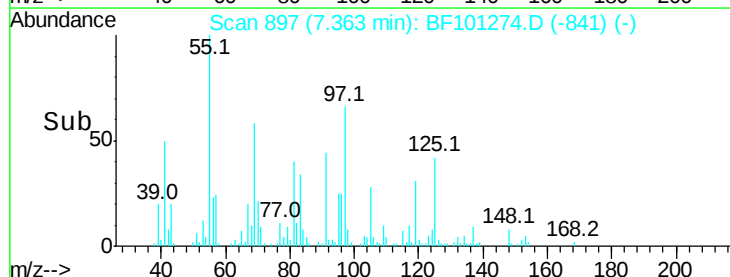
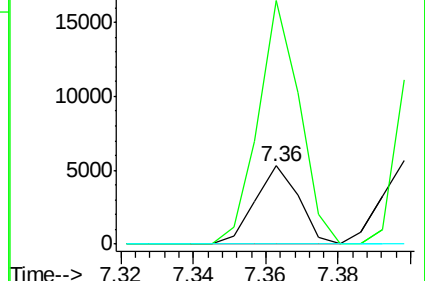
201 0.0 75.7 113.5#

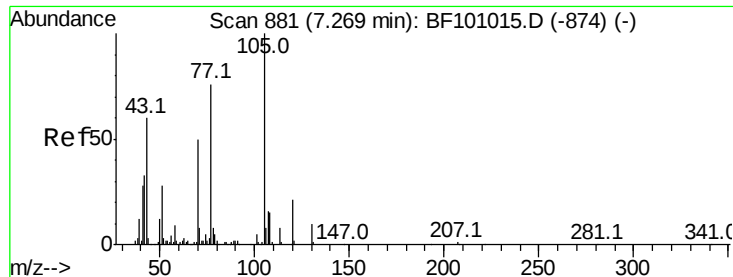


Abundance Ion 117.00 (116.70 to 117.70): E

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: 9.959 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF101274.D

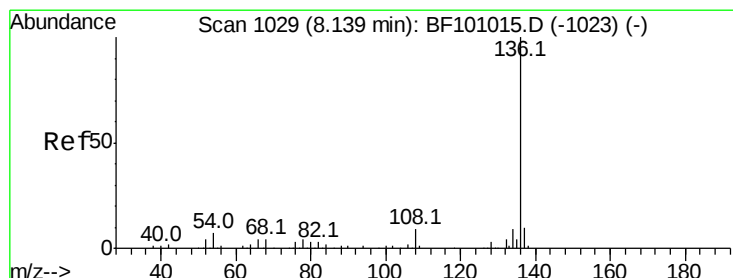
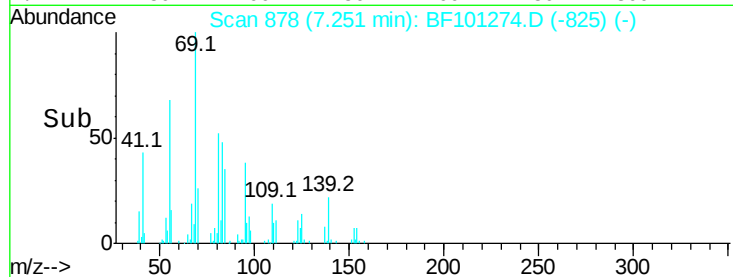
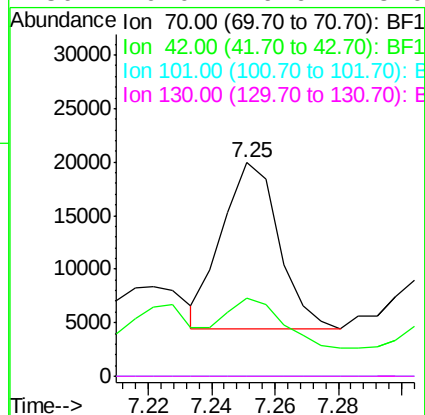
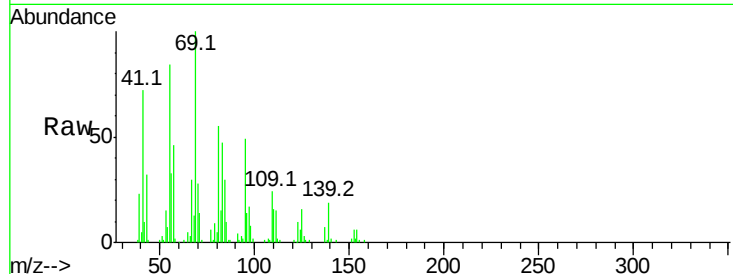
Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	19214
Ion	Ratio	Lower	Upper
70	100		
42	36.4	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

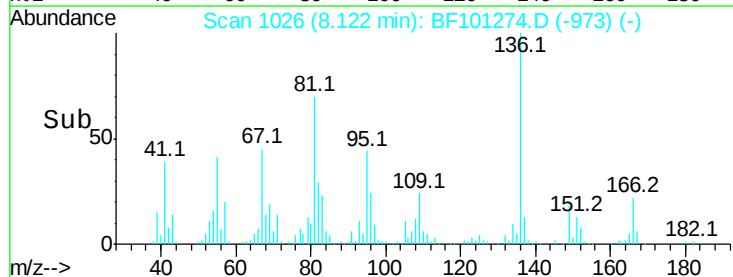
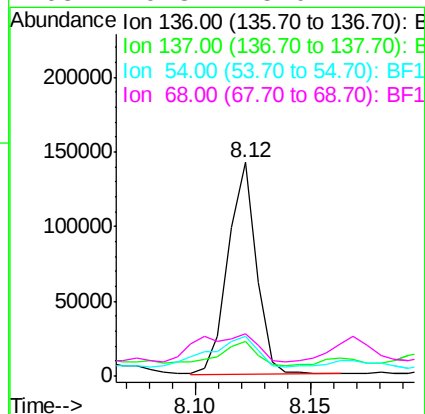
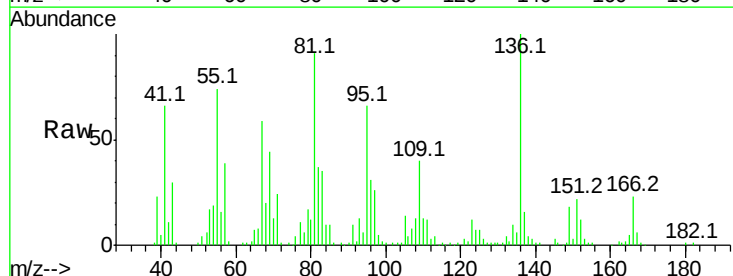
RT: 8.12 min Scan# 1026

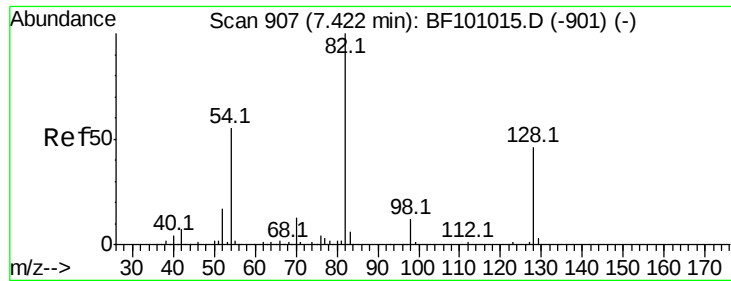
Delta R.T. 0.01 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Tgt Ion:	136	Resp:	120720
Ion	Ratio	Lower	Upper
136	100		
137	16.3	8.9	13.3#
54	18.8	6.6	9.8#
68	19.8	5.0	7.4#

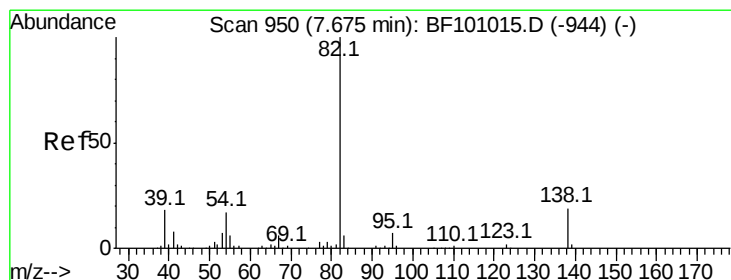
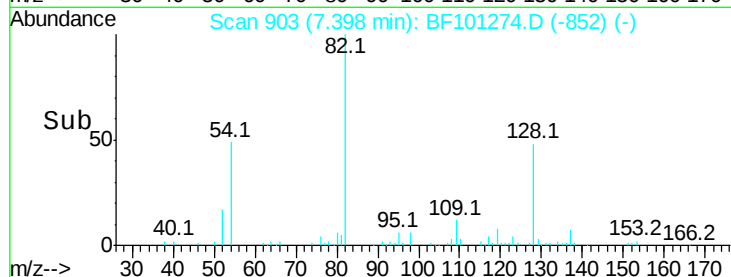
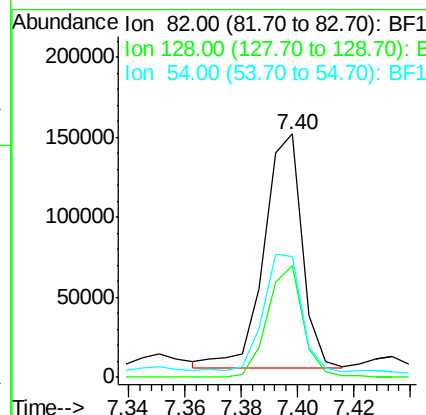
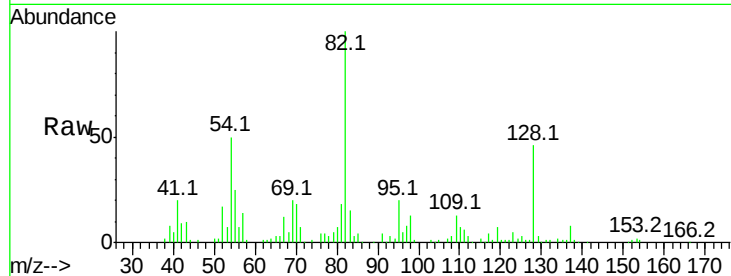




#23
Nitrobenzene-d5
Concen: 67.811 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

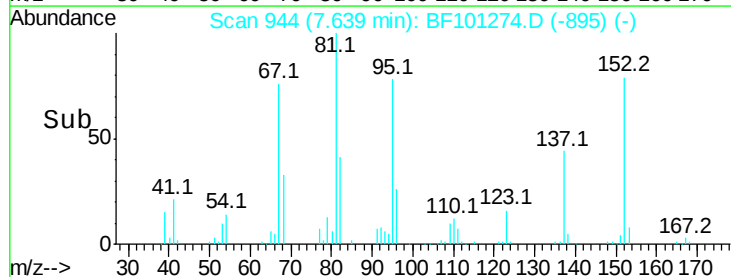
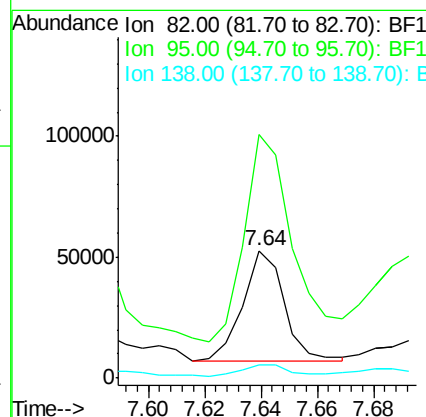
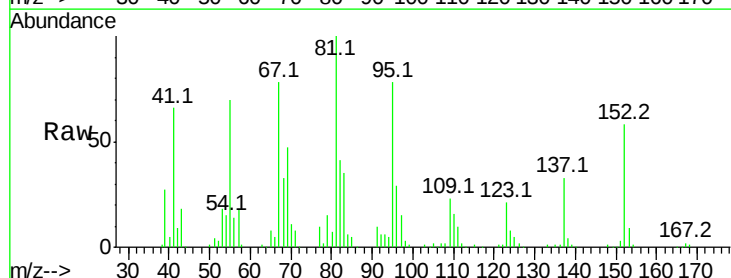
Instrument :
BNA_F
ClientSampleId :

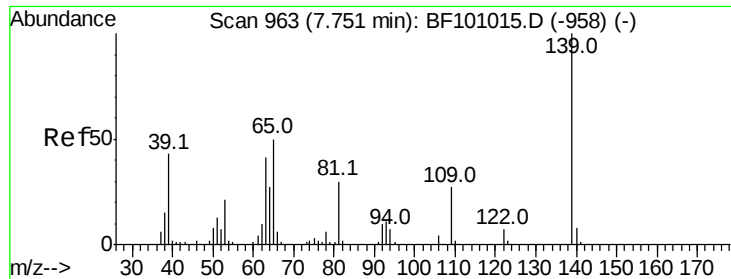
Tot Ion: 82 Resp: 137229
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 49.7 41.4 62.2



#25
Isophorone
Concen: 13.585 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Tgt Ion: 82 Resp: 46958
Ion Ratio Lower Upper
82 100
95 190.9 5.2 7.8#
138 10.4 14.9 22.3#

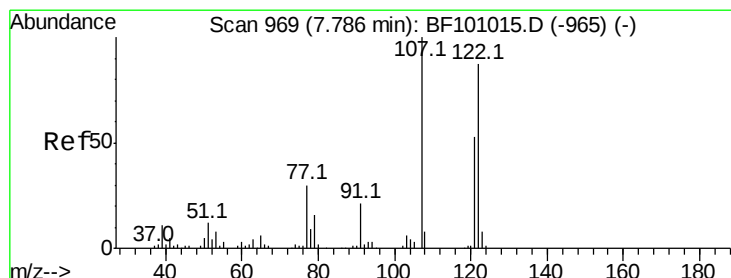
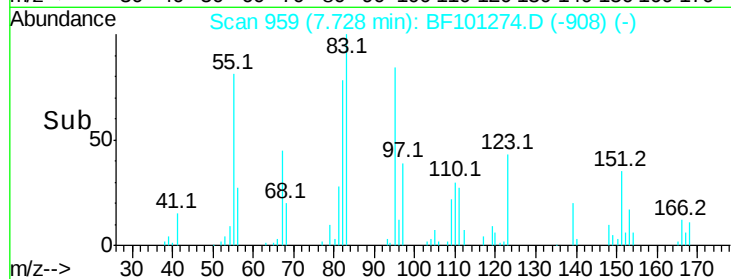
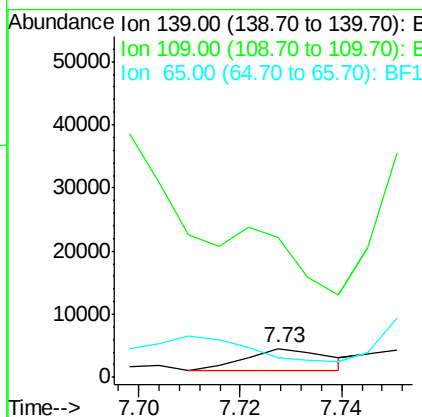
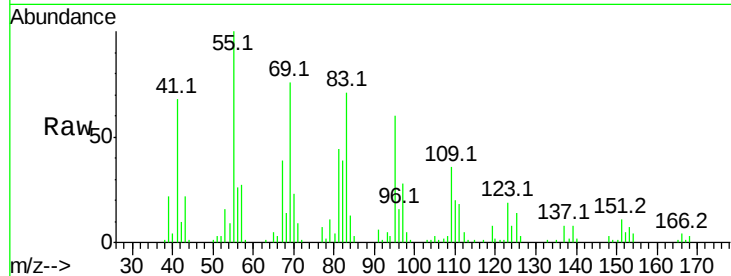




#26
 2-Nitrophenol
 Concen: 3.744 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

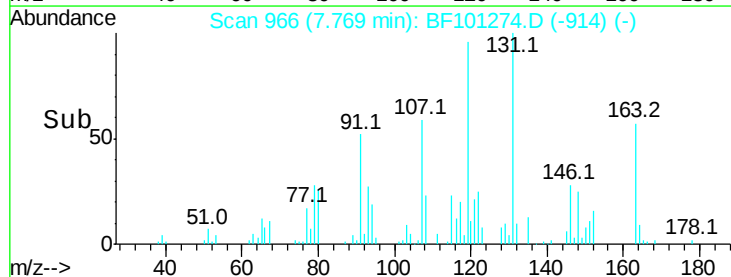
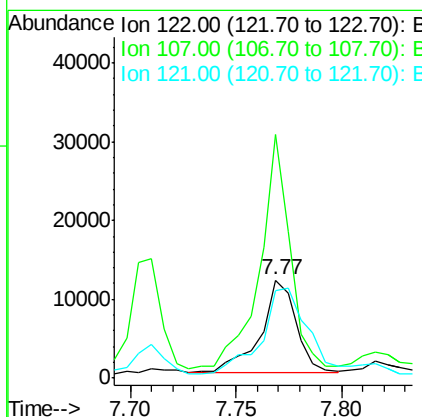
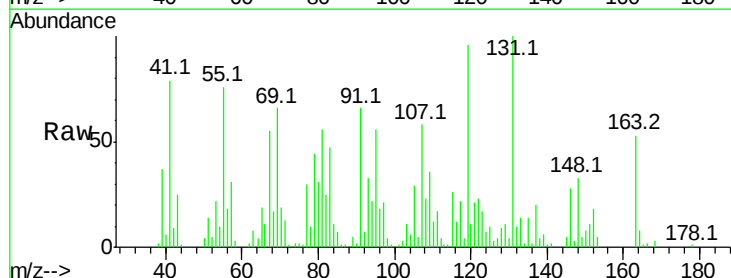
Instrument :
 BNA_F
 ClientSampleId :

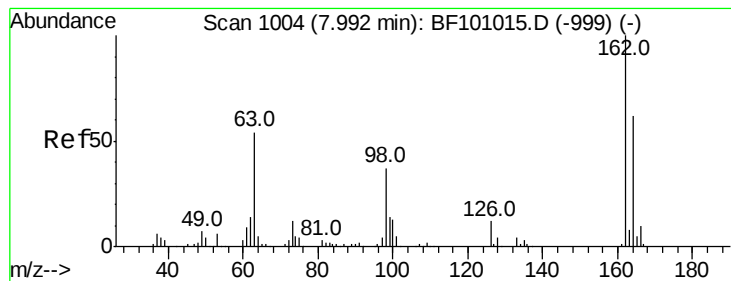
Tot Ion:139 Resp: 4076
 Ion Ratio Lower Upper
 139 100
 109 482.4 22.7 34.1#
 65 67.1 40.5 60.7#



#27
 2,4-Dimethylphenol
 Concen: 8.797 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:122 Resp: 13855
 Ion Ratio Lower Upper
 122 100
 107 249.0 91.2 136.8#
 121 89.1 47.2 70.8#





#29

2,4-Dichlorophenol

Concen: 4.361 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

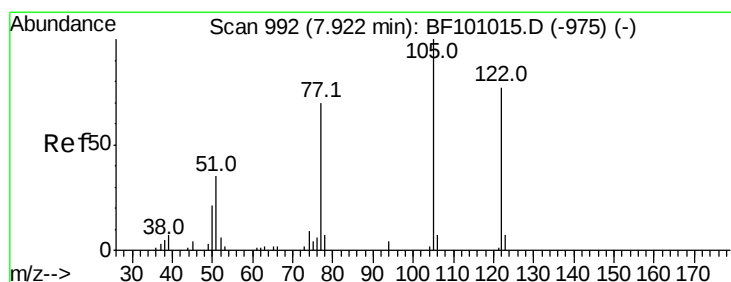
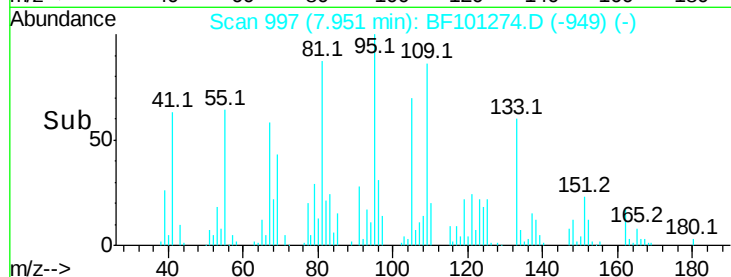
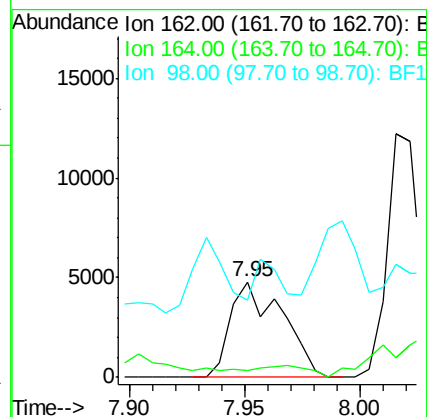
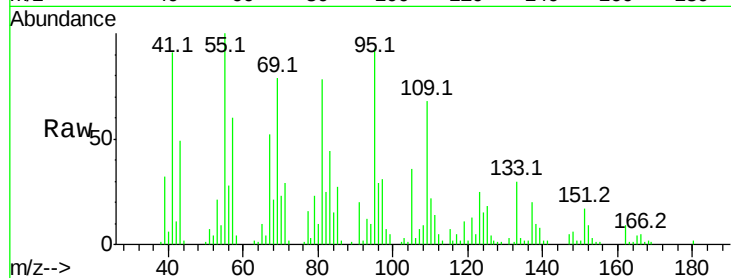
Tot Ion:162 Resp: 7477

Ion Ratio Lower Upper

162 100

164 7.7 42.7 82.7#

98 80.4 18.1 58.1#



#32

Benzoic acid

Concen: 8.211 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

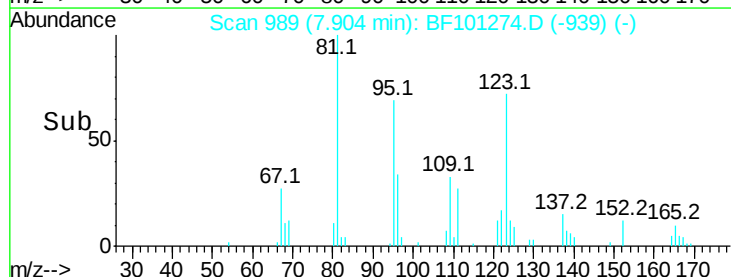
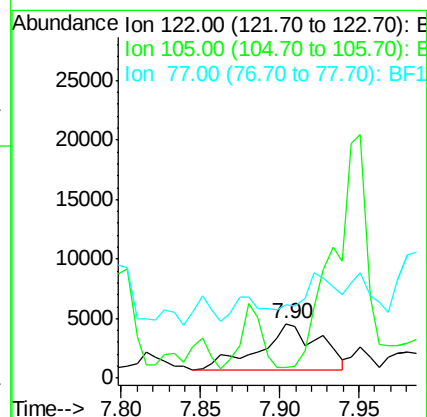
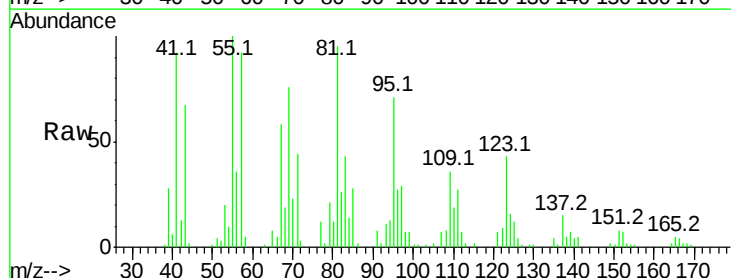
Tgt Ion:122 Resp: 10058

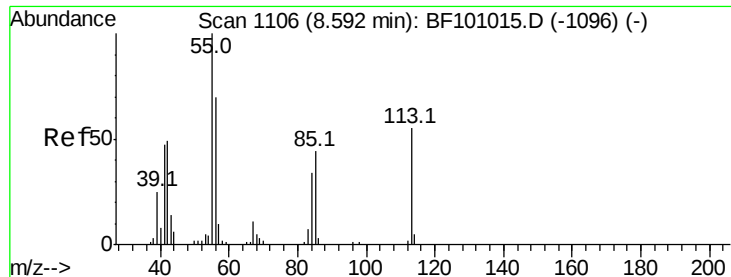
Ion Ratio Lower Upper

122 100

105 20.7 101.1 141.1#

77 134.7 70.7 110.7#

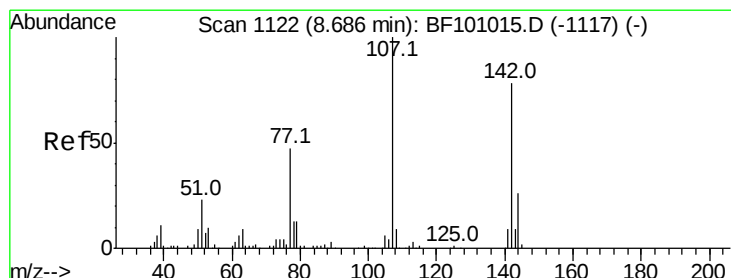
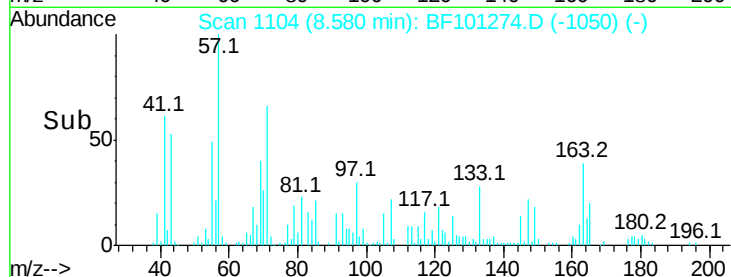
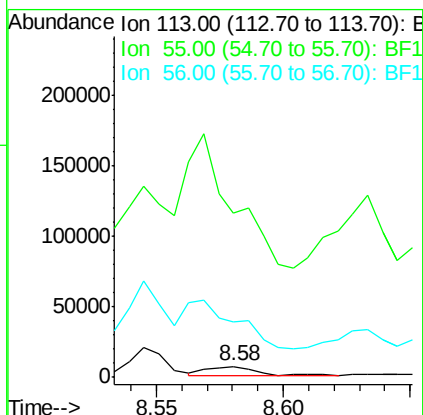
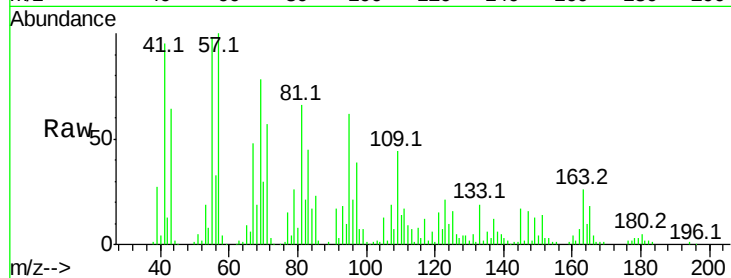




#35
 Caprolactam
 Concen: 15.679 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.02 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

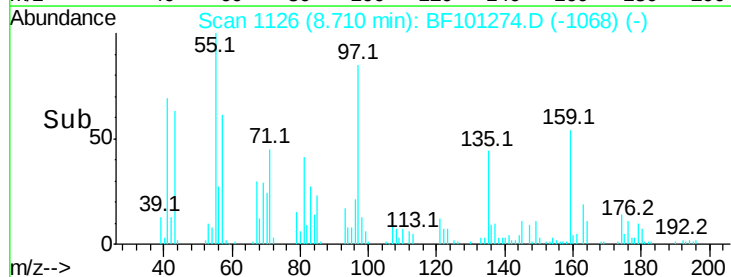
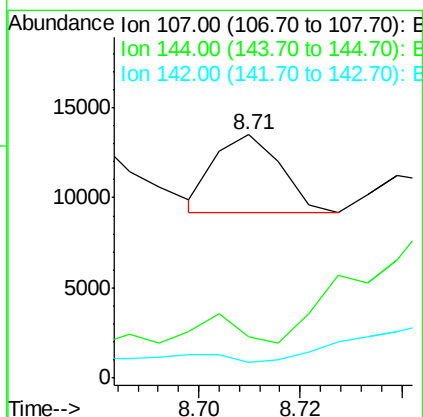
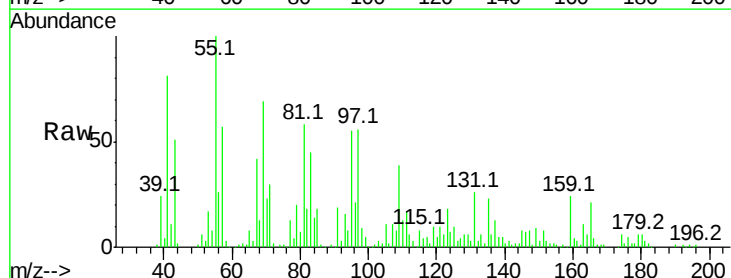
Instrument :
 BNA_F
 ClientSampleId :

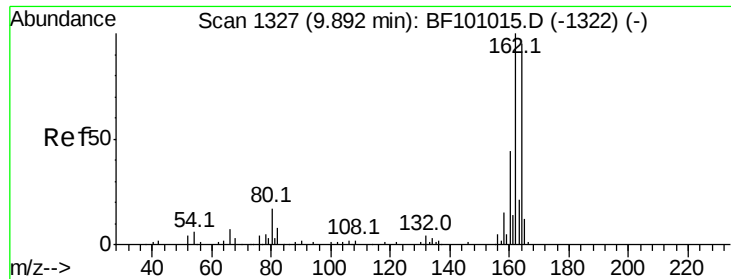
Tot Ion:113 Resp: 8377
 Ion Ratio Lower Upper
 113 100
 55 1465.3 163.3 203.3#
 56 496.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 2.192 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.04 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:107 Resp: 3893
 Ion Ratio Lower Upper
 107 100
 144 16.7 20.5 30.7#
 142 6.3 62.0 93.0#

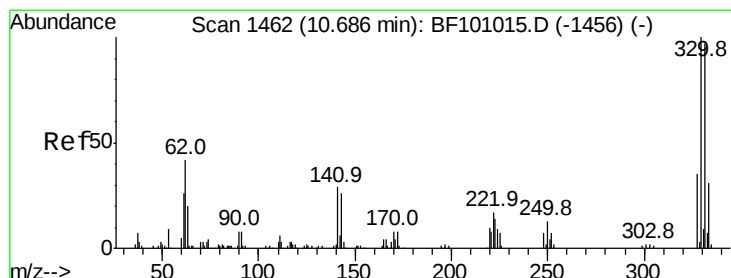
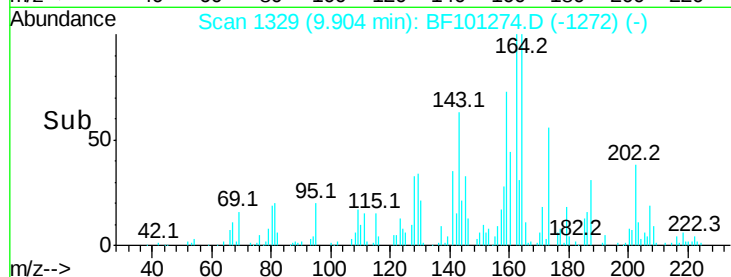
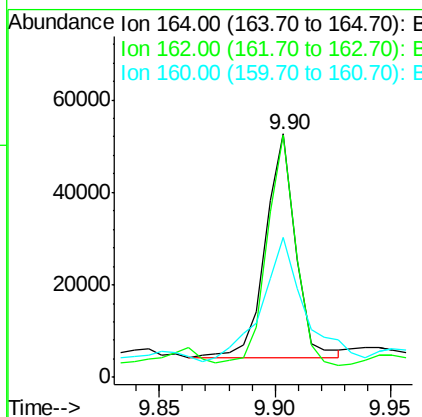
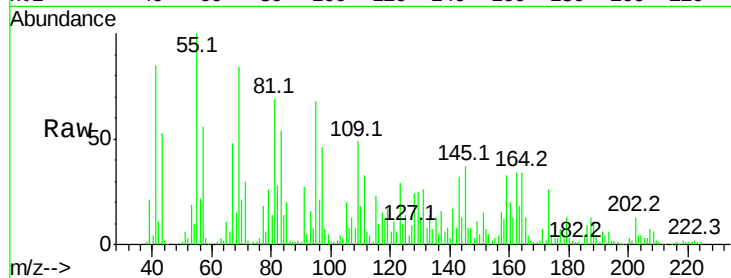




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.04 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

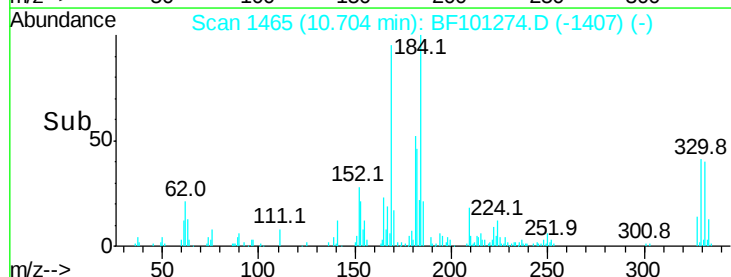
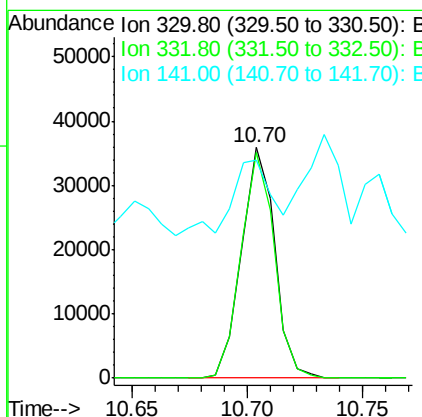
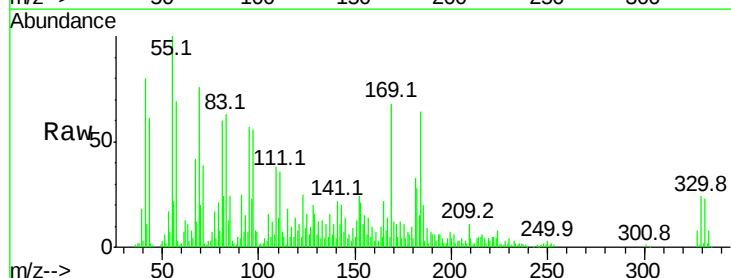
Instrument :
 BNA_F
 ClientSampleId :

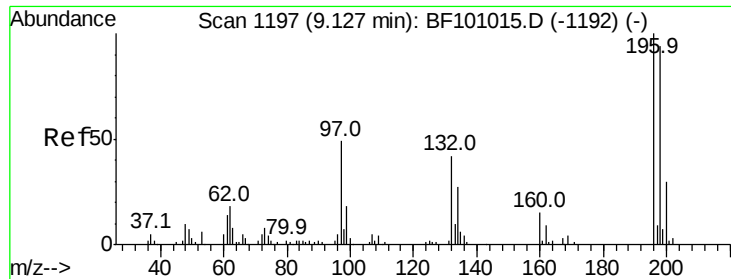
Tot Ion:164 Resp: 44029
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 57.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 68.234 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.04 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:330 Resp: 36090
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 30.6 29.9 44.9

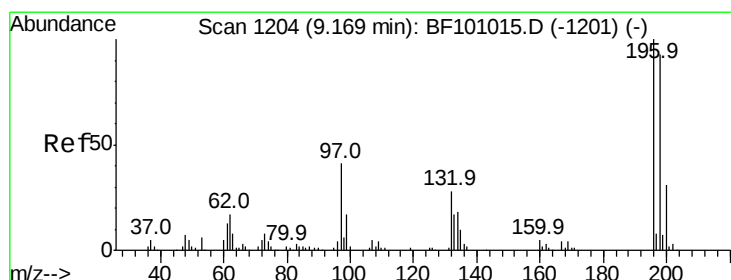
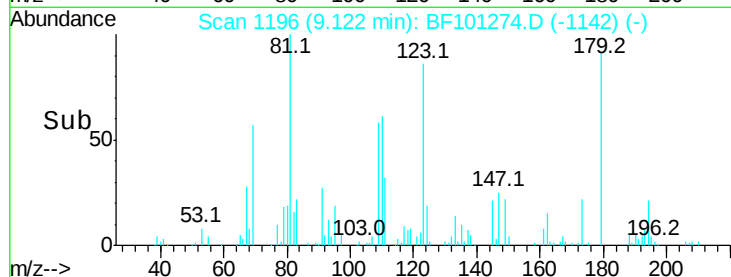
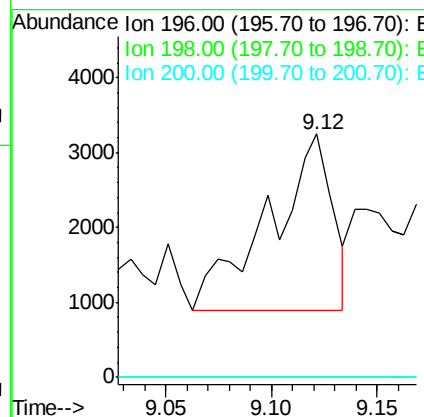
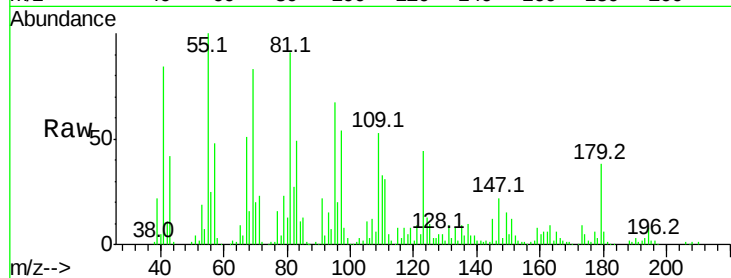




#42
 2,4,6-Trichlorophenol
 Concen: 5.214 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.02 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

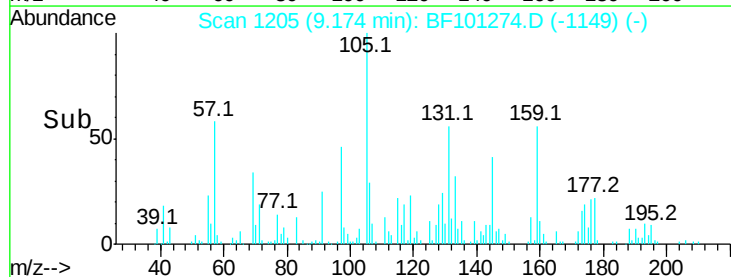
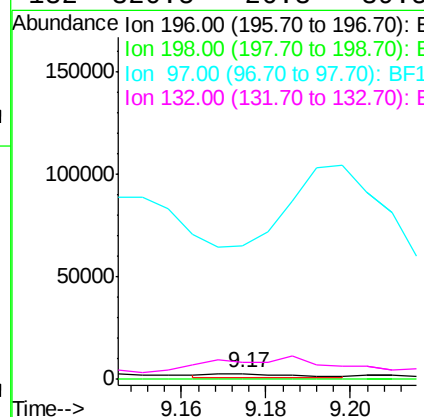
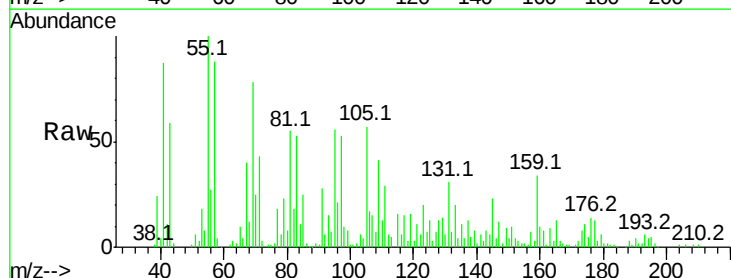
Instrument :
 BNA_F
 ClientSampled :

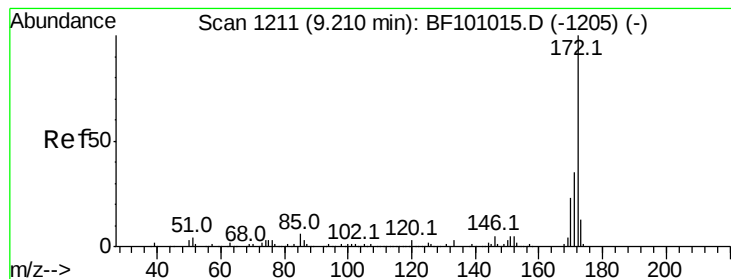
Tot Ion:196 Resp: 4889
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 24.5 36.7#



#43
 2,4,5-Trichlorophenol
 Concen: 2.209 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.03 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:196 Resp: 2214
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.6 112.0#
 97 2571.2 42.9 64.3#
 132 320.5 26.3 39.5#

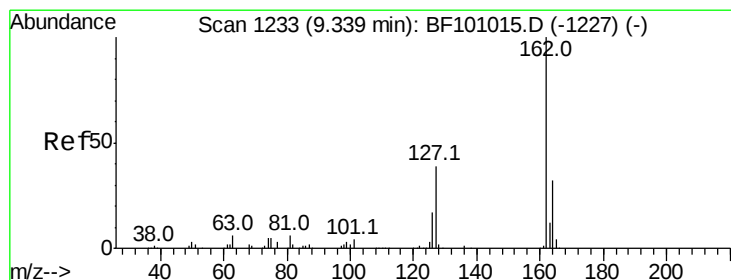
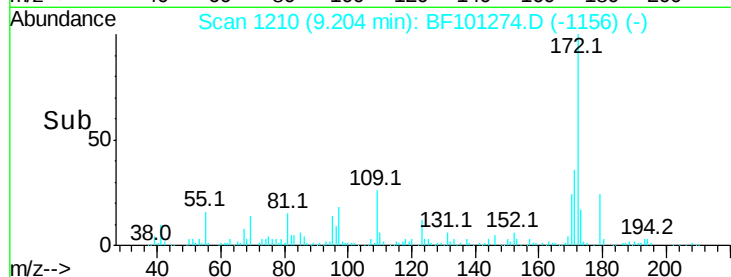
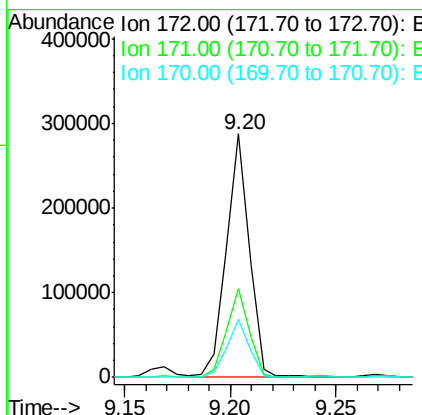
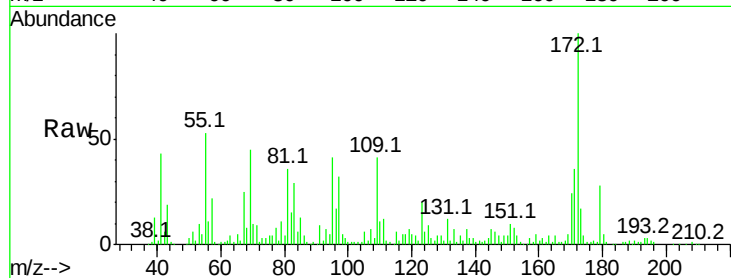




#44
 2-Fluorobiphenyl
 Concen: 66.492 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

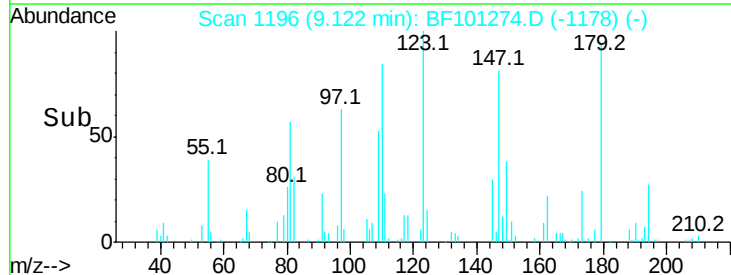
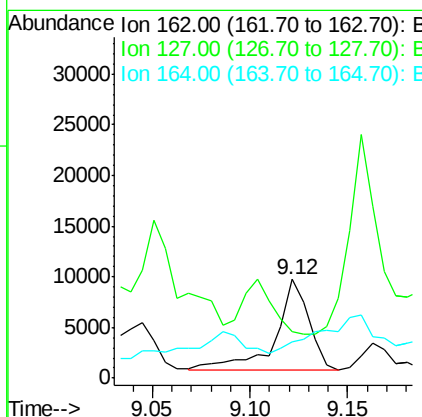
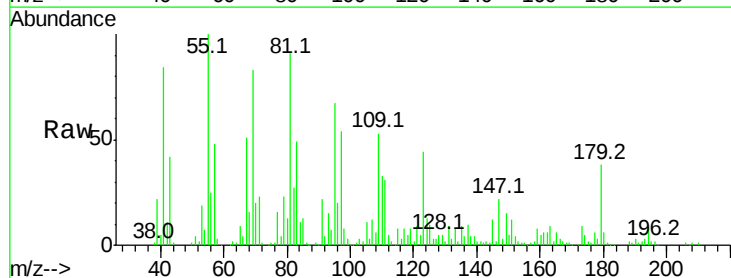
Instrument :
 BNA_F
 ClientSampleId :

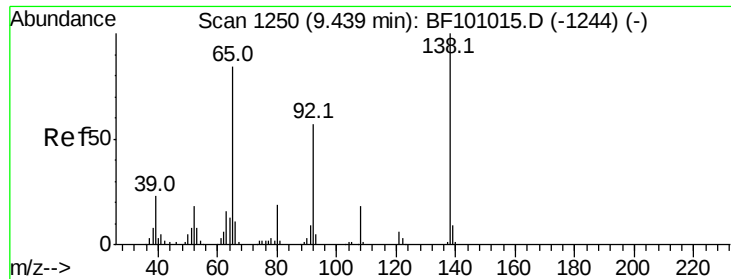
Tot Ion:172 Resp: 213974
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.6 19.6 29.4



#46
 2-Chloronaphthalene
 Concen: 3.766 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.19 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:162 Resp: 10790
 Ion Ratio Lower Upper
 162 100
 127 47.2 33.9 50.9
 164 36.4 26.5 39.7





#47

2-Nitroaniline

Concen: 8.571 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.03 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

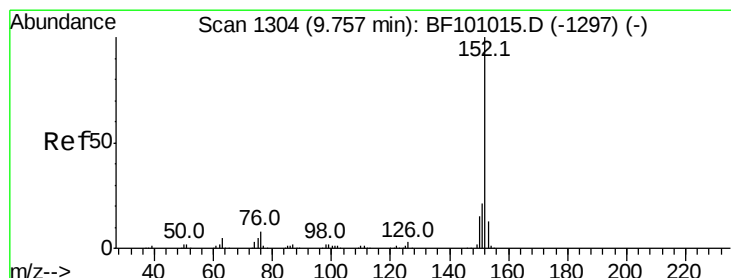
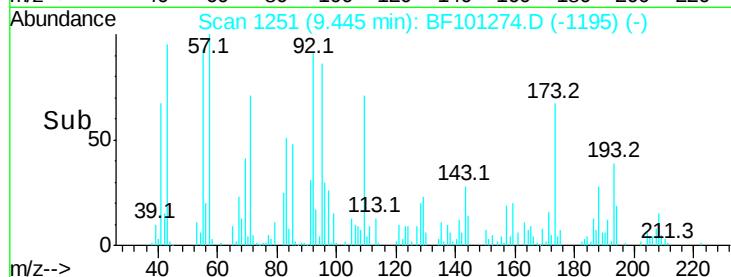
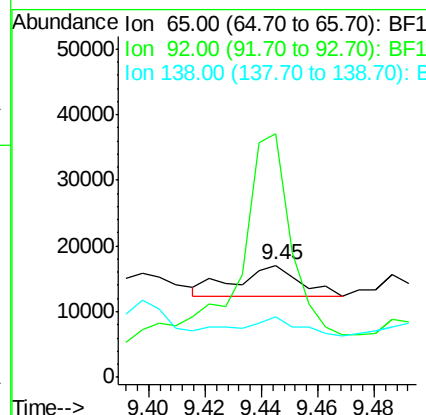
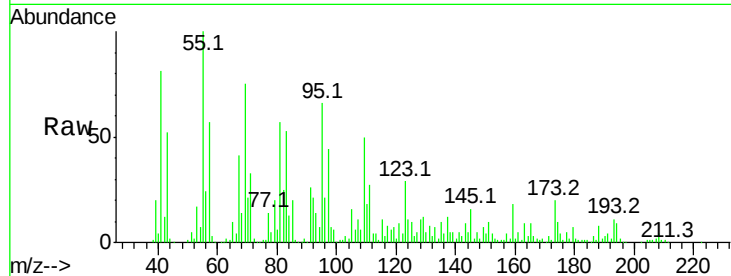
Tot Ion: 65 Resp: 7265

Ion Ratio Lower Upper

65 100

92 216.7 55.8 83.6#

138 54.3 91.2 136.8#



#48

Acenaphthylene

Concen: 4.373 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

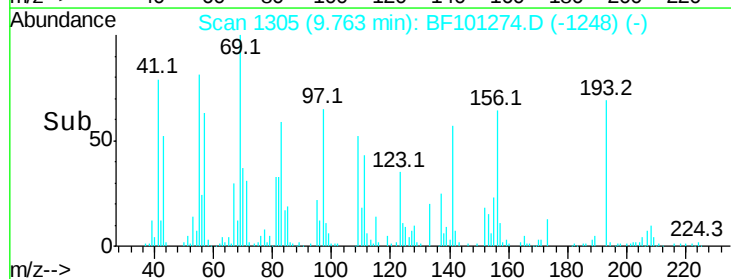
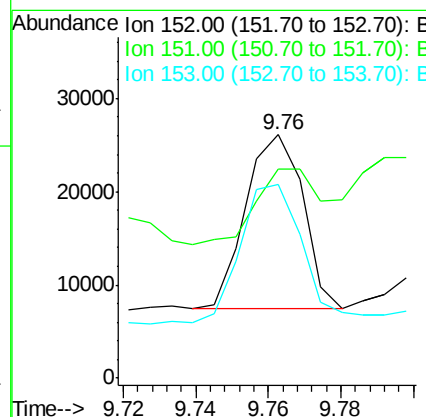
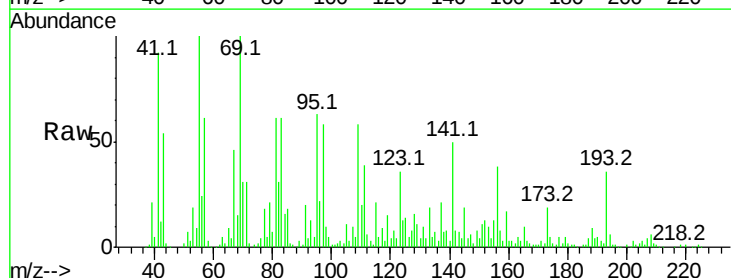
Tgt Ion: 152 Resp: 20588

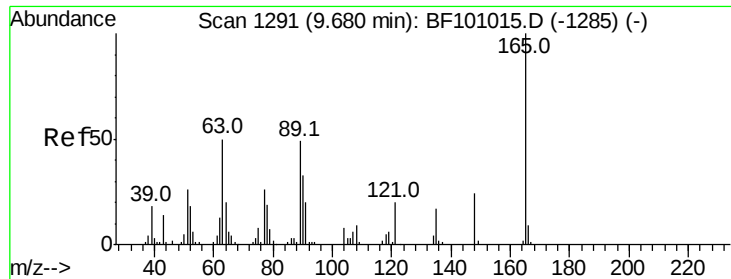
Ion Ratio Lower Upper

152 100

151 86.0 16.3 24.5#

153 79.5 10.7 16.1#

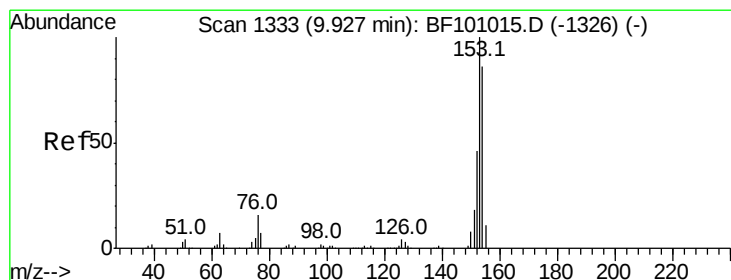
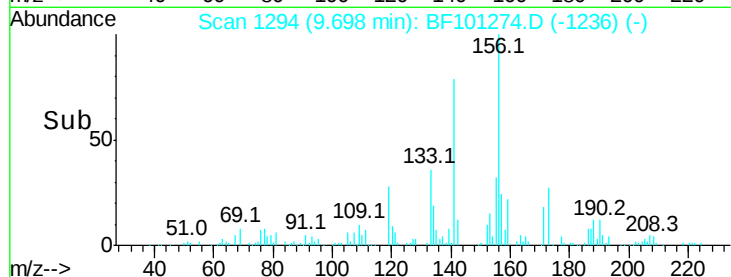
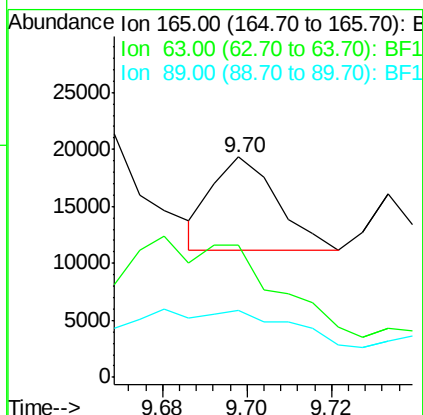
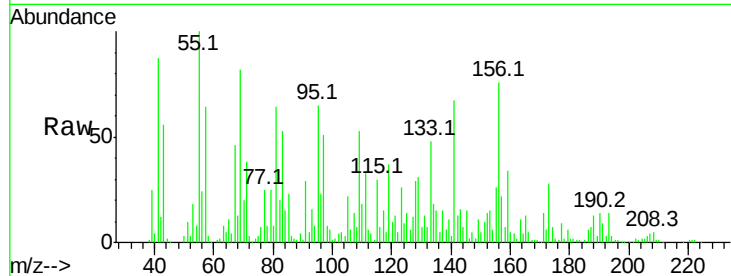




#50
2,6-Dinitrotoluene
Concen: 11.586 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.04 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

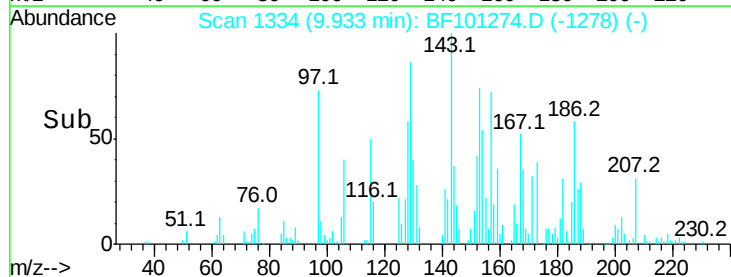
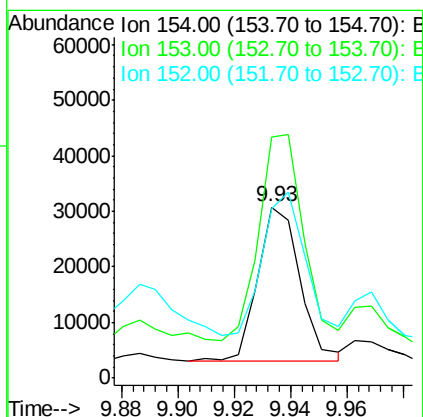
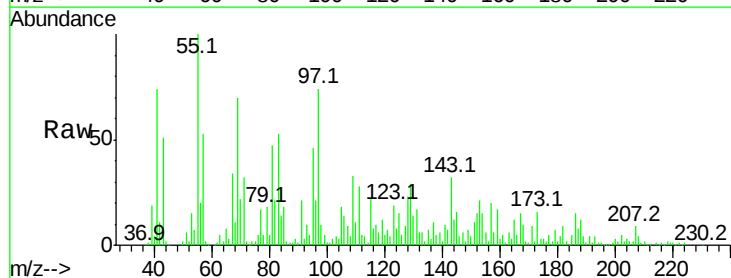
Instrument :
BNA_F
ClientSampled :

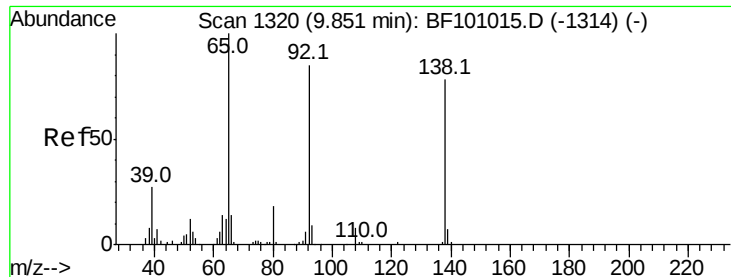
Tot Ion:165 Resp: 8665
Ion Ratio Lower Upper
165 100
63 60.0 44.7 67.1
89 30.4 44.0 66.0#



#51
Acenaphthene
Concen: 10.202 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Tgt Ion:154 Resp: 28760
Ion Ratio Lower Upper
154 100
153 141.2 91.2 136.8#
152 99.1 43.8 65.8#





#52

3-Nitroaniline

Concen: 17.378 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

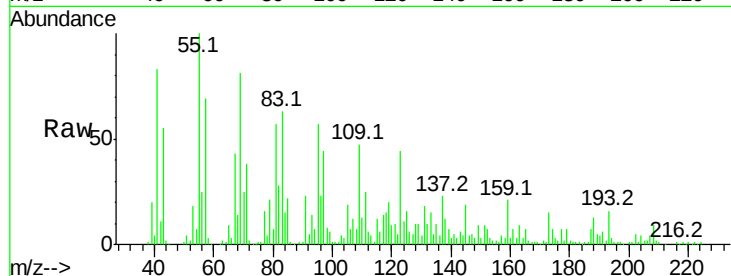
Tot Ion:138 Resp: 14616

Ion Ratio Lower Upper

138 100

108 55.6 9.4 14.0#

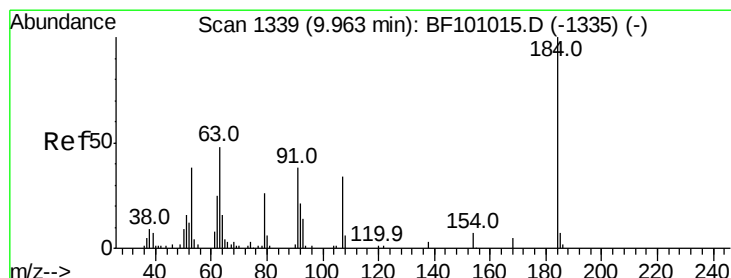
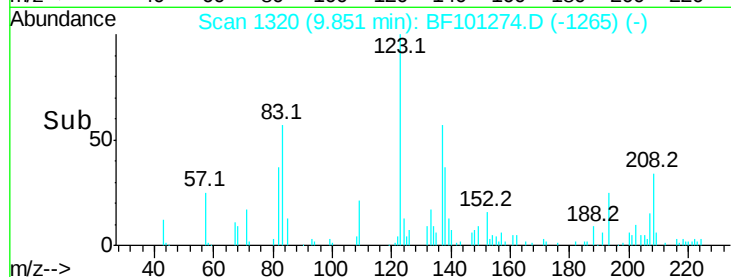
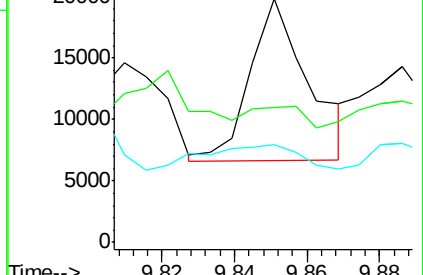
92 40.1 89.4 134.2#



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: 7.024 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

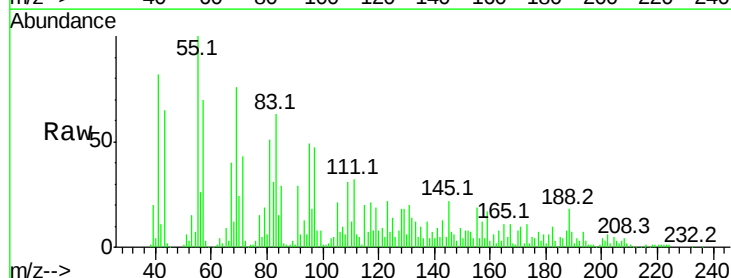
Tgt Ion:184 Resp: 899

Ion Ratio Lower Upper

184 100

63 883.5 54.2 81.2#

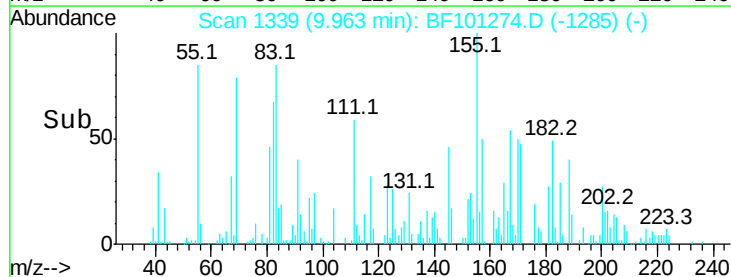
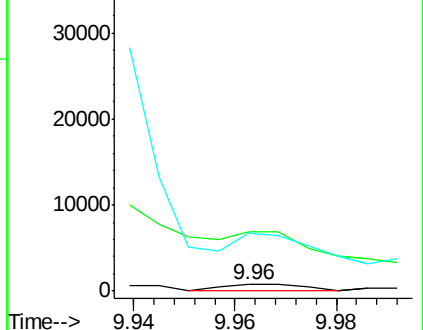
154 855.9 184.0 276.0#

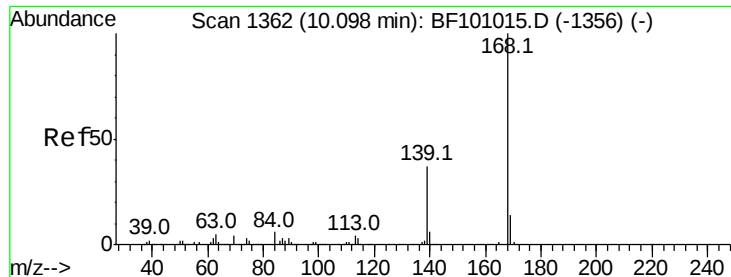


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 12.321 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

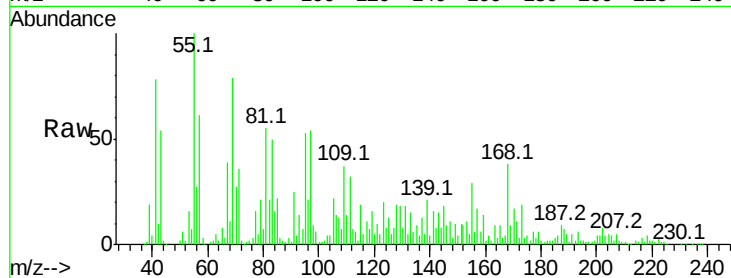
Tot Ion:168 Resp: 50056

Ion Ratio Lower Upper

168 100

139 55.9 30.1 45.1#

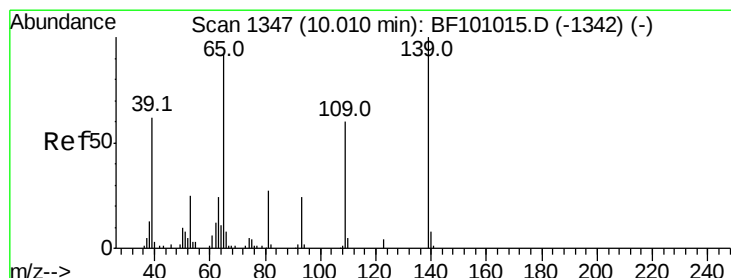
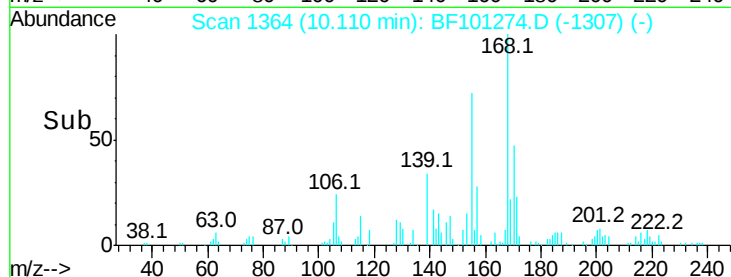
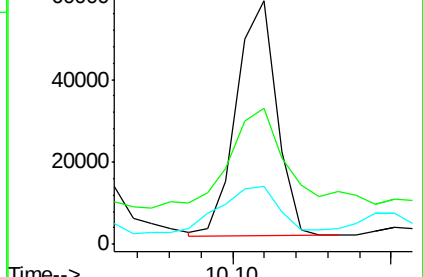
169 24.0 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 12.736 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.02 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

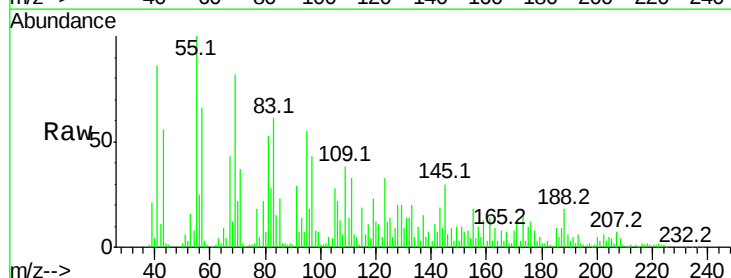
Tgt Ion:139 Resp: 7224

Ion Ratio Lower Upper

139 100

109 505.9 48.4 88.4#

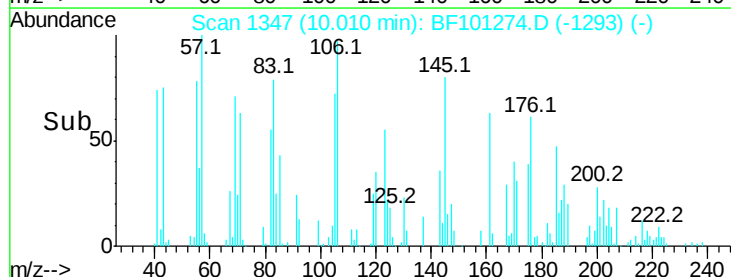
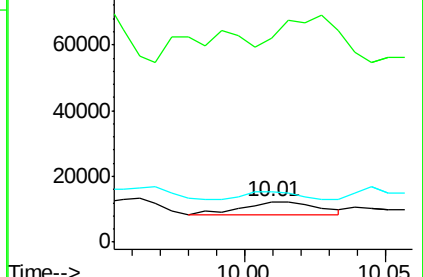
65 125.0 72.6 112.6#

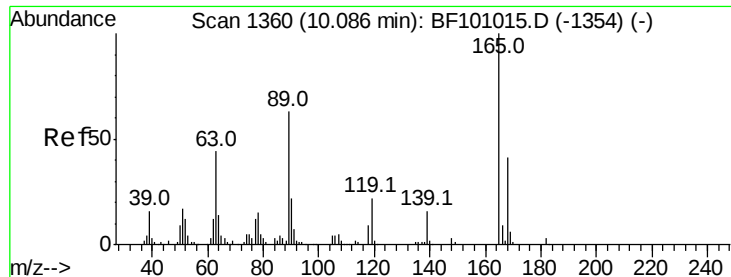


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

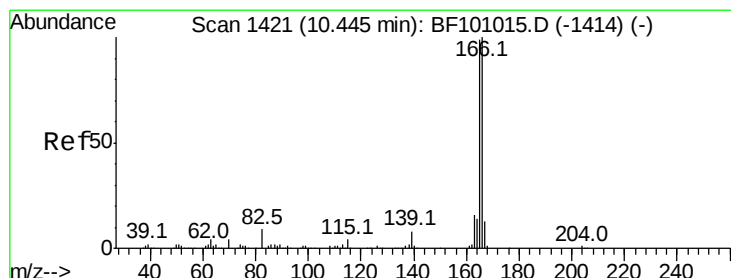
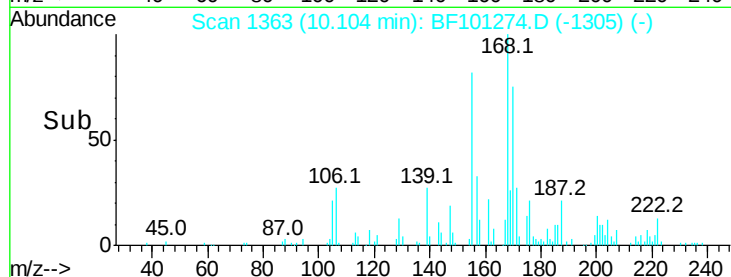
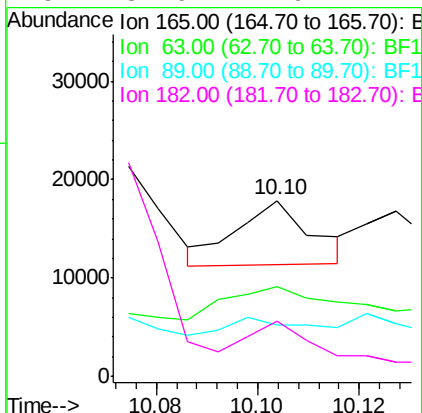
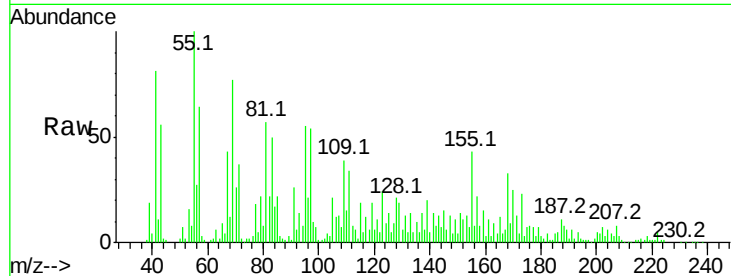




#56
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.04 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

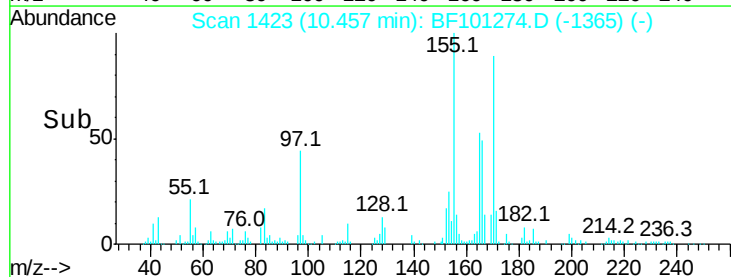
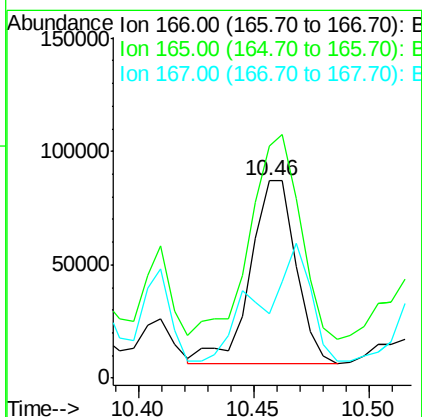
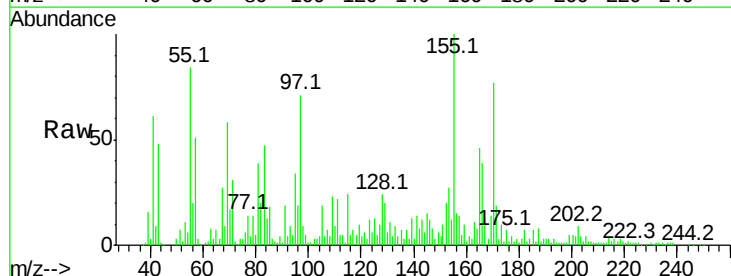
Instrument :
BNA_F
ClientSampleId :

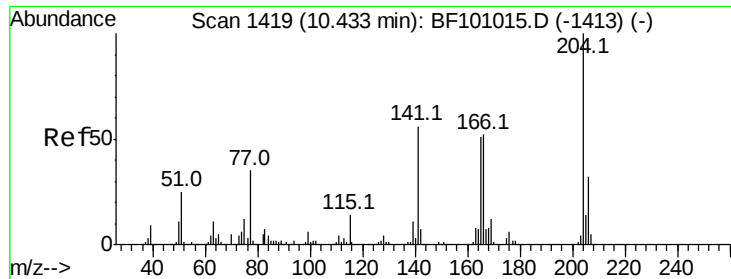
Tot Ion:165 Resp: 6770
Ion Ratio Lower Upper
165 100
63 51.3 36.4 54.6
89 29.5 57.8 86.6#
182 31.6 1.6 2.4#



#57
Fluorene
Concen: 33.985 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.04 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Tgt Ion:166 Resp: 112239
Ion Ratio Lower Upper
166 100
165 117.4 79.8 119.8
167 32.7 10.6 16.0#

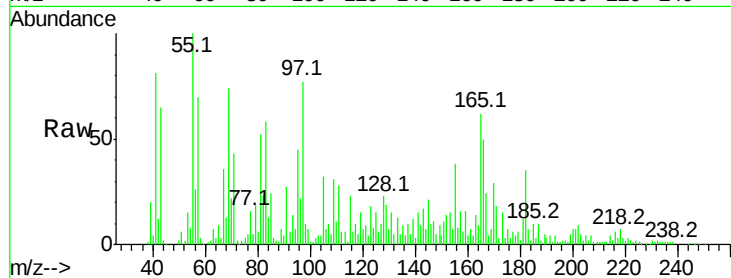




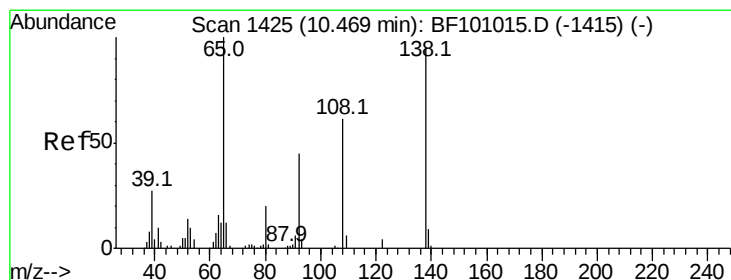
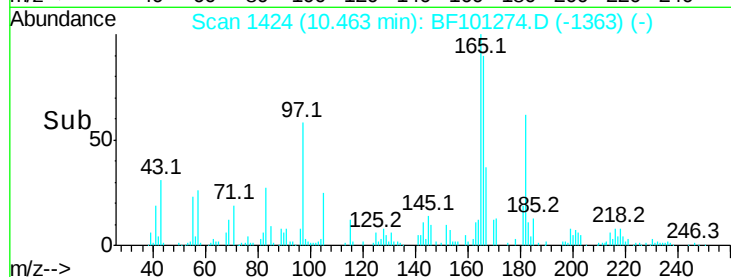
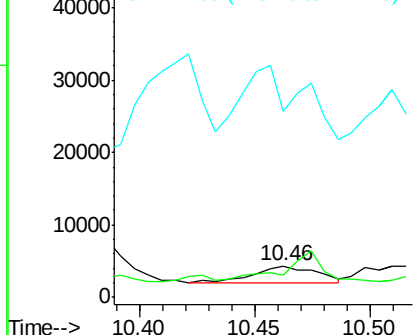
#60
 4-Chlorophenyl-phenylether
 Concen: 2.546 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.06 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 4151
 Ion Ratio Lower Upper
 204 100
 206 71.5 26.5 39.7#
 141 591.8 54.6 81.8#

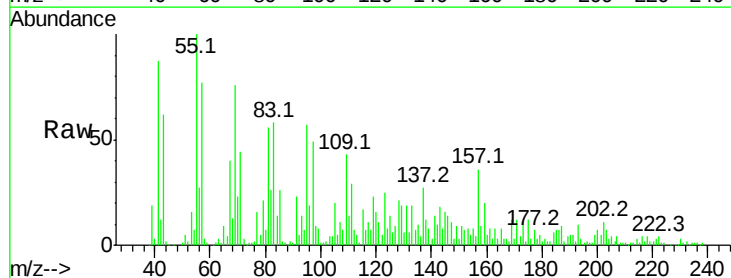


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

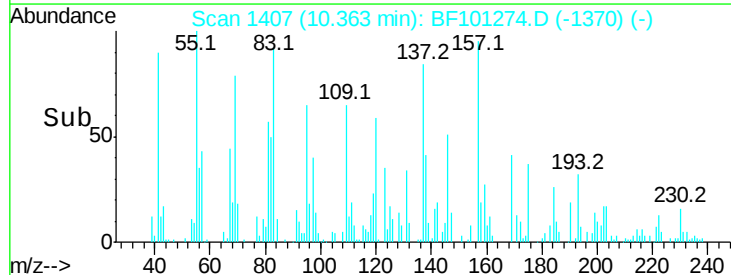
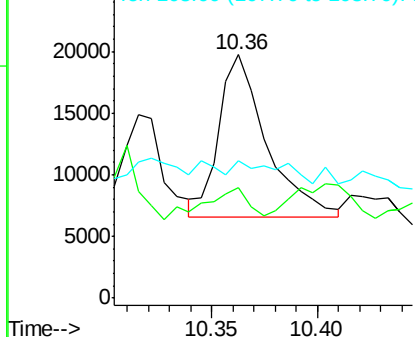


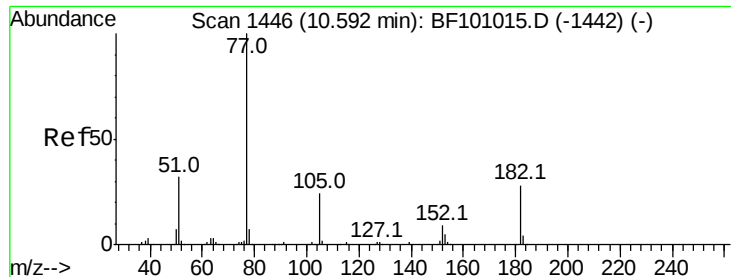
#61
 4-Nitroaniline
 Concen: 23.760 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.08 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:138 Resp: 20744
 Ion Ratio Lower Upper
 138 100
 92 45.2 30.2 70.2
 108 56.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 4.799 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.05 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 14263

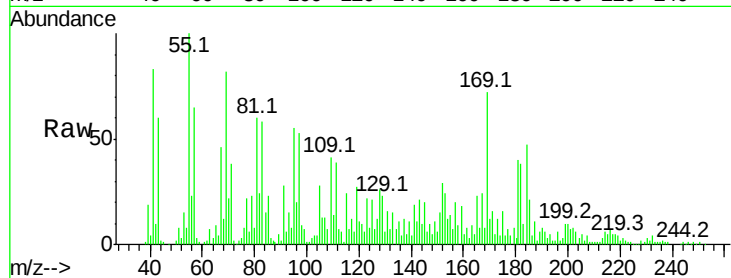
Ion Ratio Lower Upper

77 100

182 175.8 1.7 41.7#

105 128.5 3.0 43.0#

51 35.3 9.9 49.9

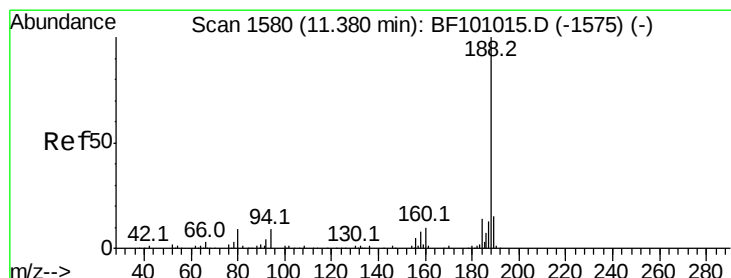
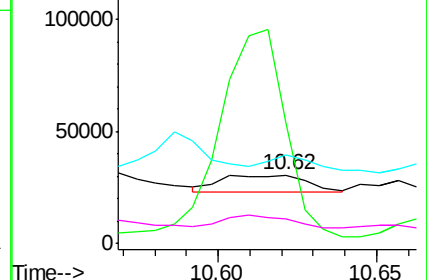
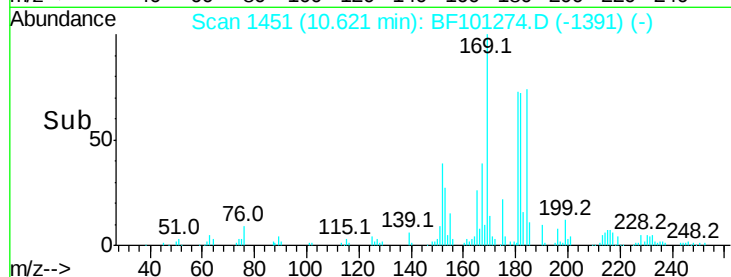


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.05 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

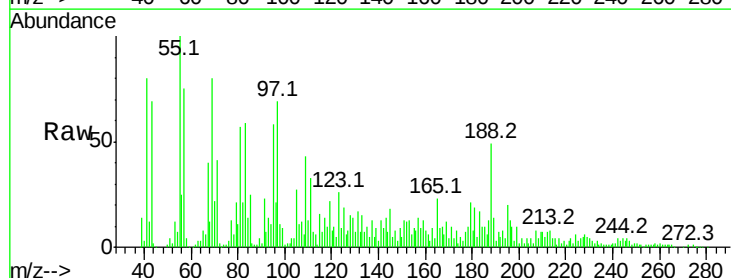
Tgt Ion: 188 Resp: 69906

Ion Ratio Lower Upper

188 100

94 22.5 8.5 12.7#

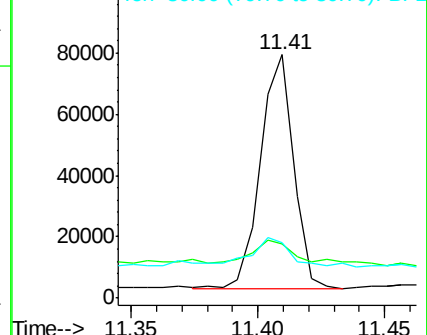
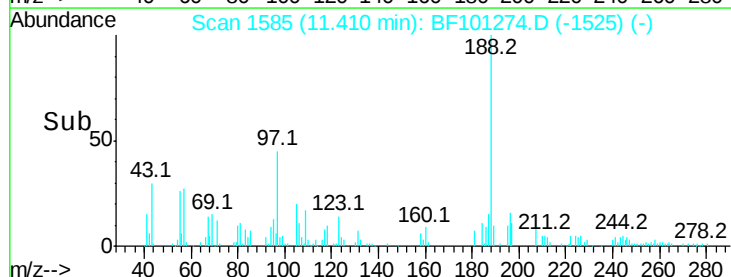
80 23.0 9.2 13.8#

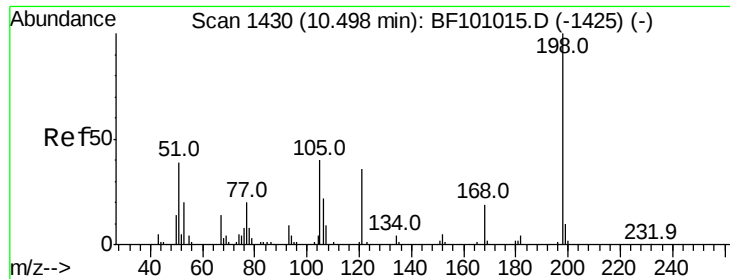


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 7.390 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

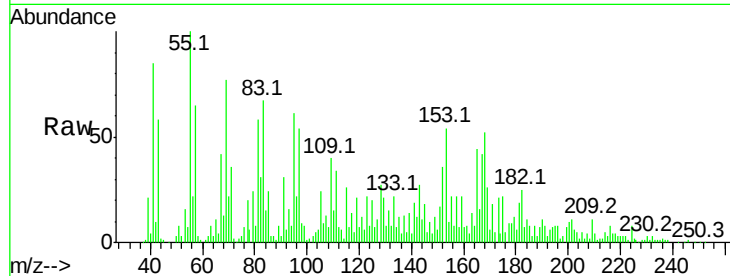
Tot Ion:198 Resp: 3465

Ion Ratio Lower Upper

198 100

51 261.1 37.7 77.7#

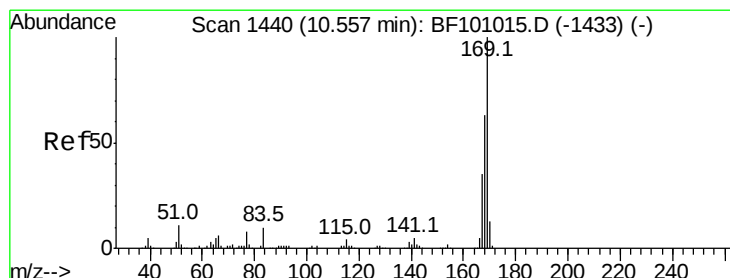
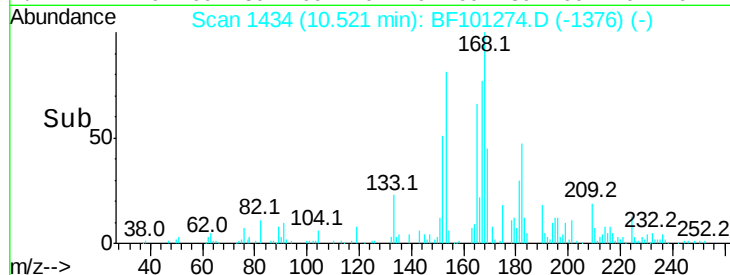
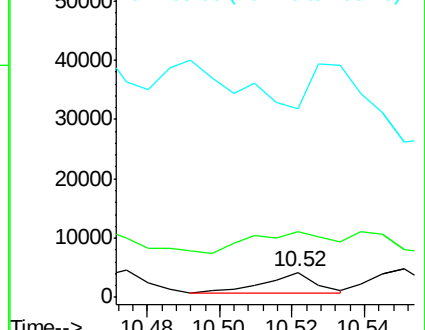
105 756.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 61.874 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

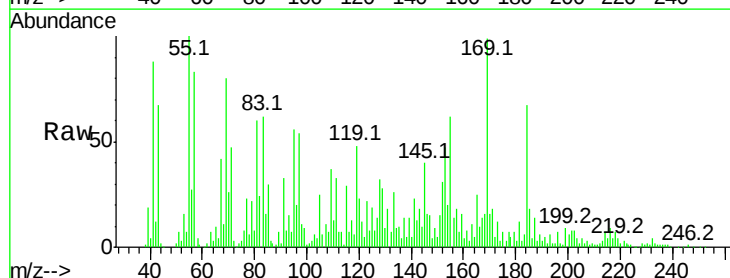
Tgt Ion:169 Resp: 152595

Ion Ratio Lower Upper

169 100

168 16.5 54.4 81.6#

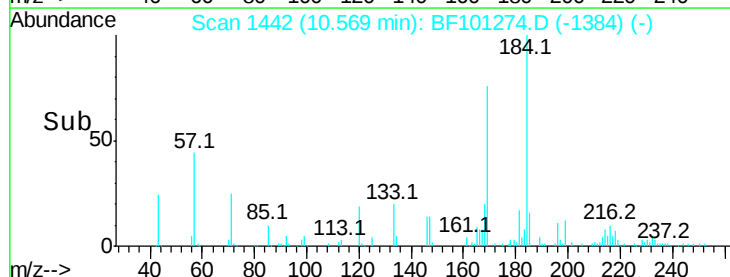
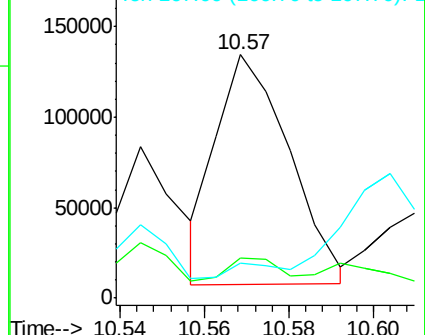
167 14.5 29.8 44.6#

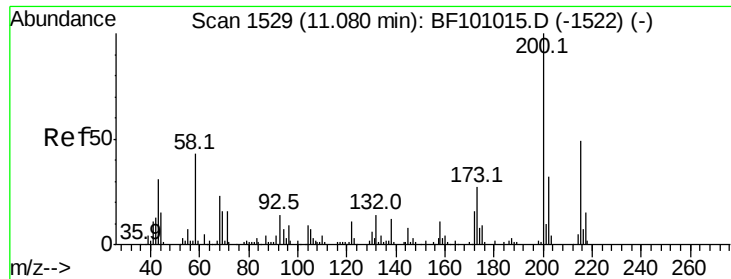


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

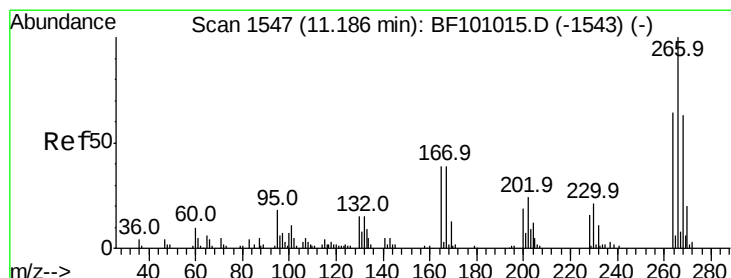
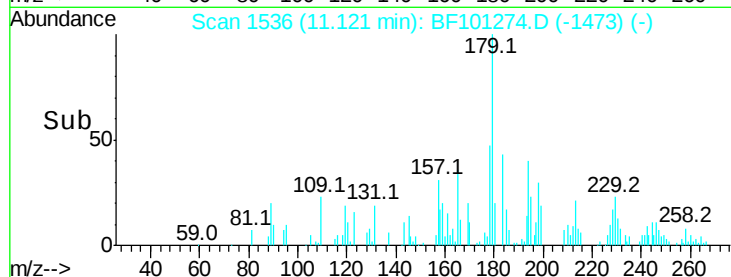
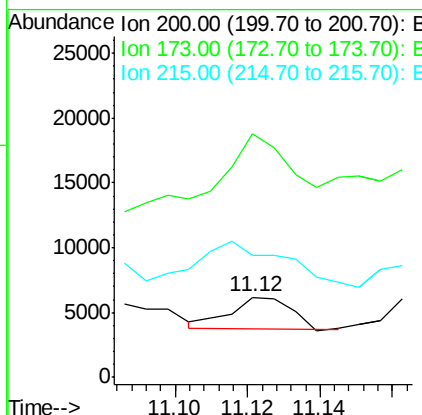
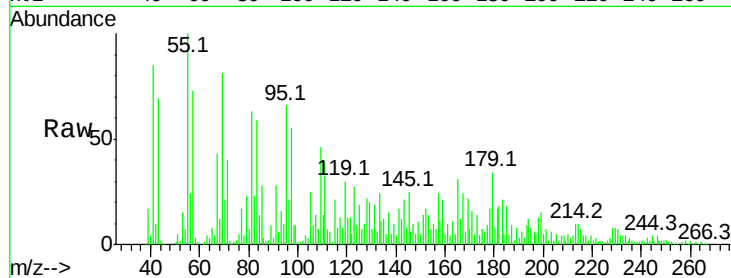




#68
 Atrazine
 Concen: 3.724 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.07 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

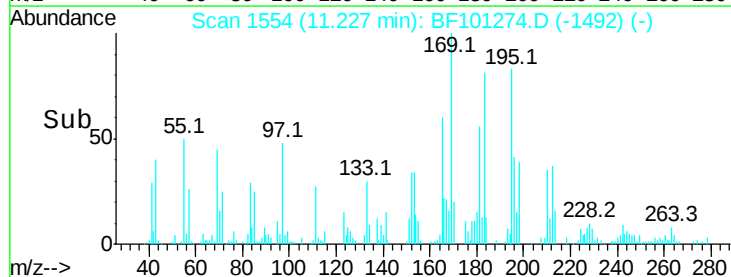
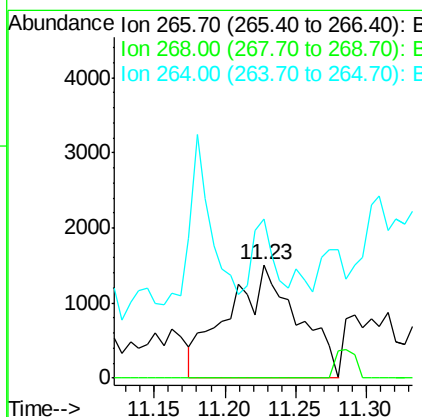
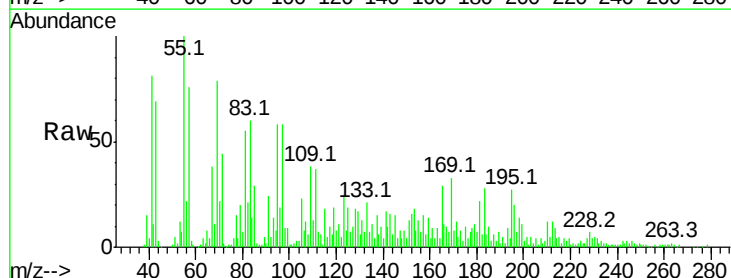
Instrument :
 BNA_F
 ClientSampled :

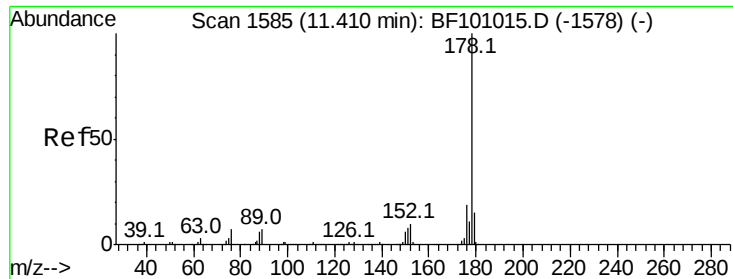
Tot Ion:200 Resp: 2817
 Ion Ratio Lower Upper
 200 100
 173 304.1 8.6 48.6#
 215 152.9 25.1 65.1#



#69
 Pentachlorophenol
 Concen: 11.275 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.06 min
 Lab File: BF101274.D
 Acq: 9 Dec 2017 10:12

Tgt Ion:266 Resp: 5199
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 139.6 49.5 74.3#





#70

Phenanthrene

Concen: 7.903 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.08 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

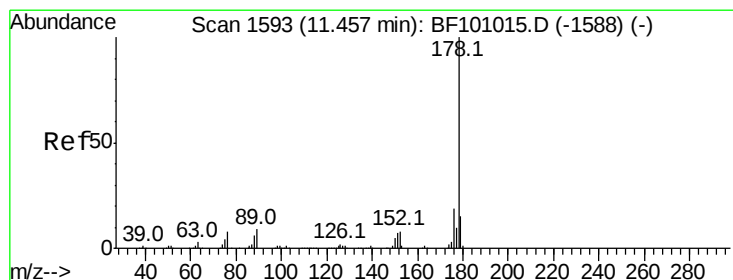
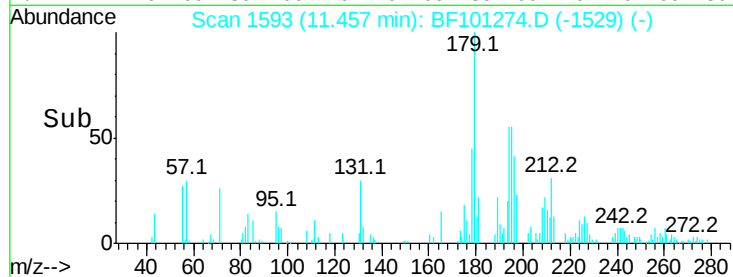
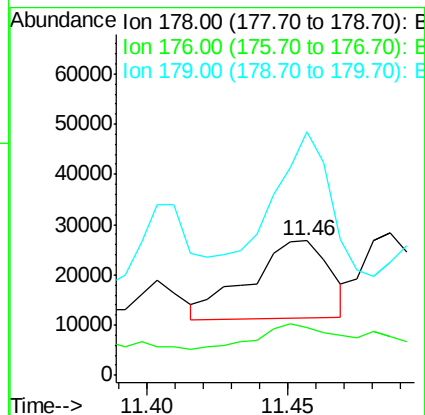
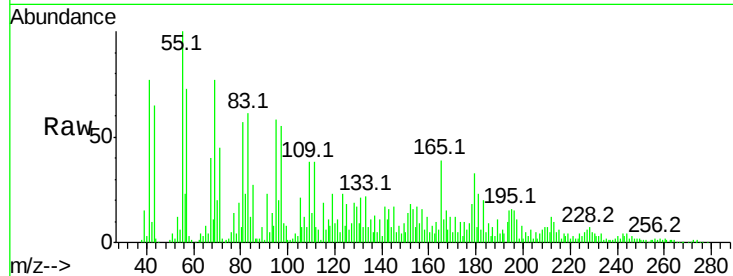
Tot Ion:178 Resp: 30424

Ion Ratio Lower Upper

178 100

176 35.3 15.8 23.8#

179 180.8 13.0 19.6#



#71

Anthracene

Concen: 3.465 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.05 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

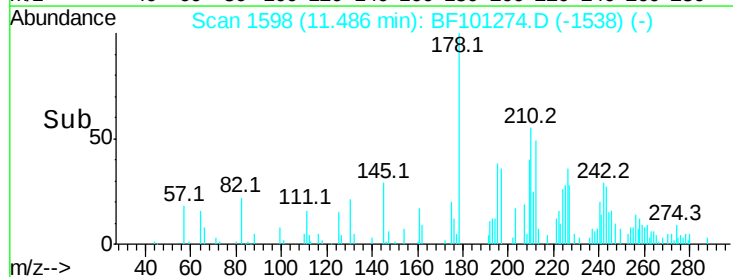
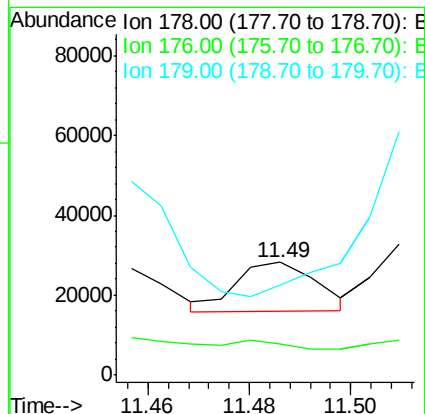
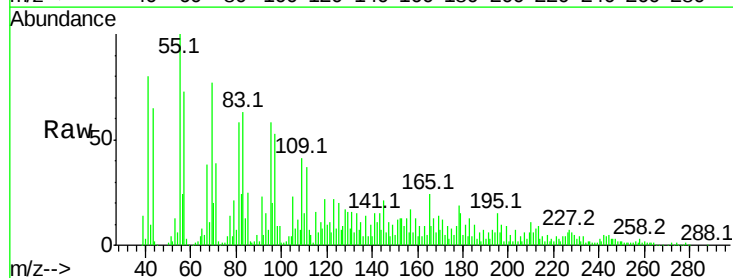
Tgt Ion:178 Resp: 13501

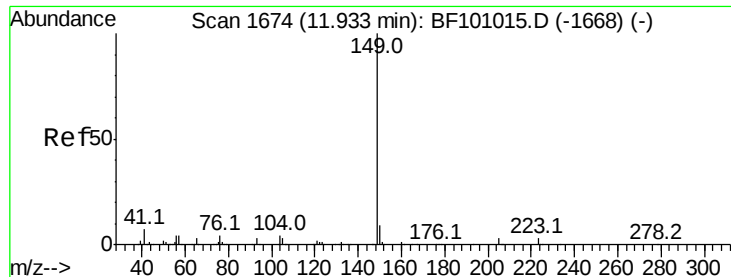
Ion Ratio Lower Upper

178 100

176 27.6 15.4 23.2#

179 79.5 12.6 19.0#





#73

Di-n-butylphthalate

Concen: 2.398 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampled :

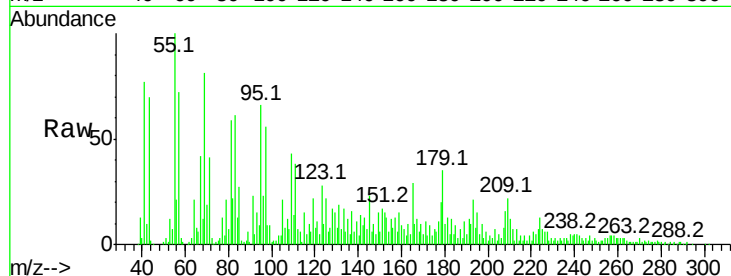
Tot Ion:149 Resp: 10701

Ion Ratio Lower Upper

149 100

150 44.0 7.8 11.6#

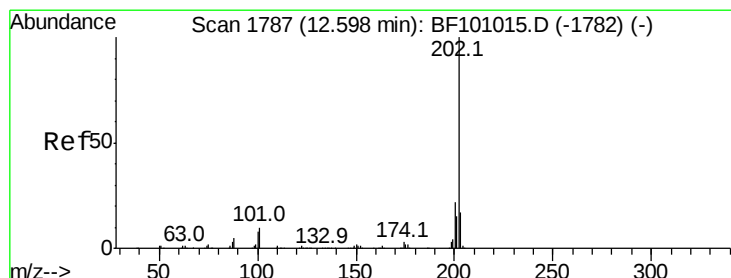
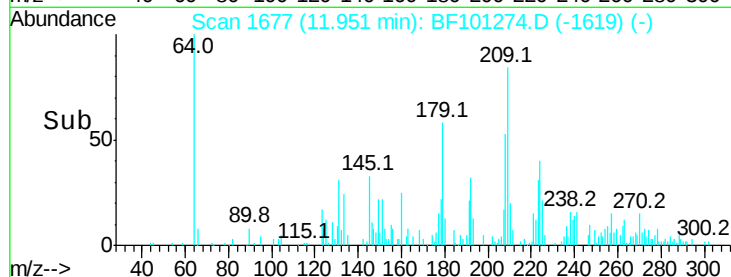
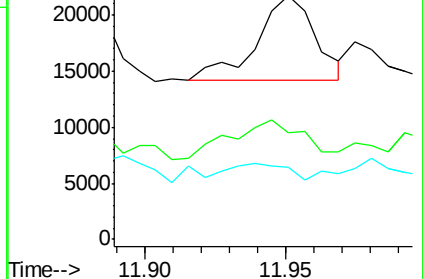
104 29.4 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 6.317 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.07 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

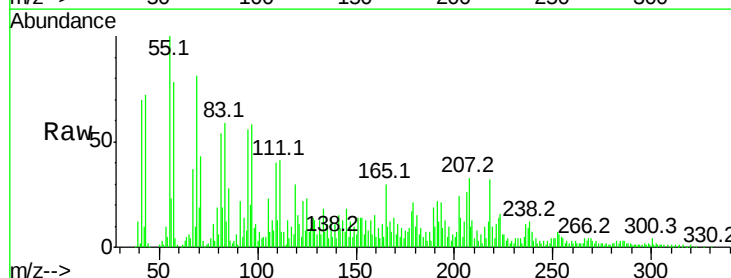
Tgt Ion:202 Resp: 26956

Ion Ratio Lower Upper

202 100

101 29.7 0.0 34.1

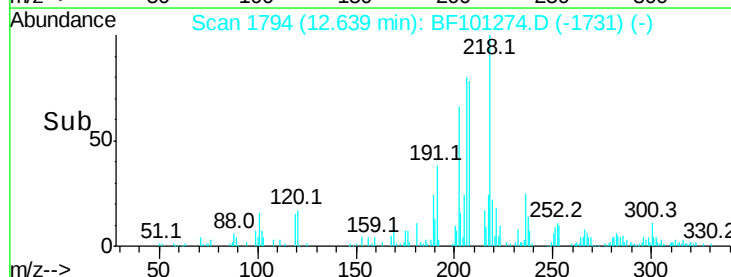
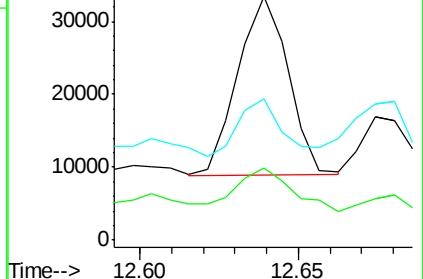
203 57.8 0.0 38.1#

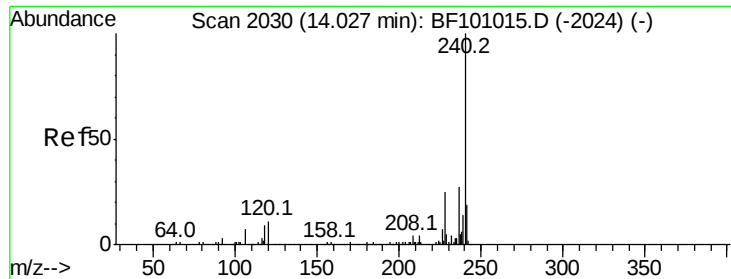


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.06 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

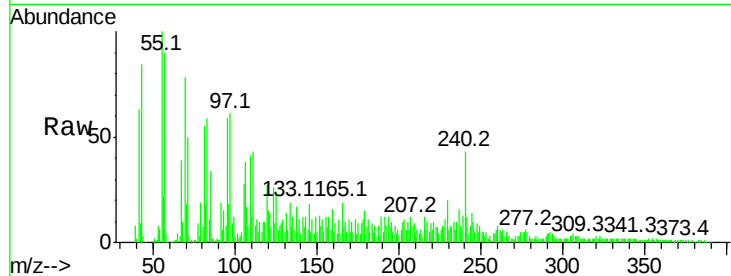
Tot Ion:240 Resp: 50532

Ion Ratio Lower Upper

240 100

120 35.7 9.5 14.3#

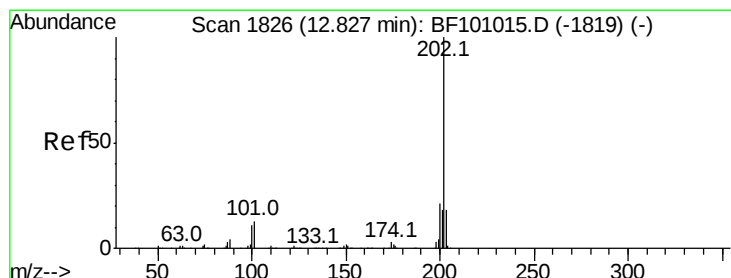
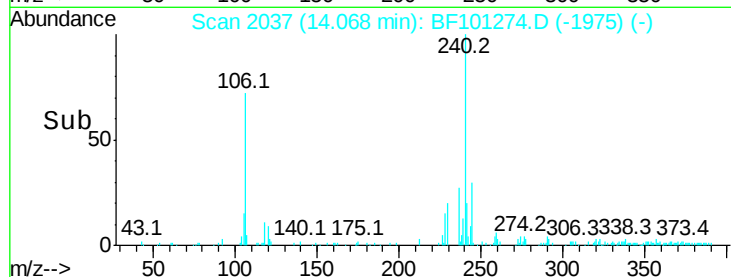
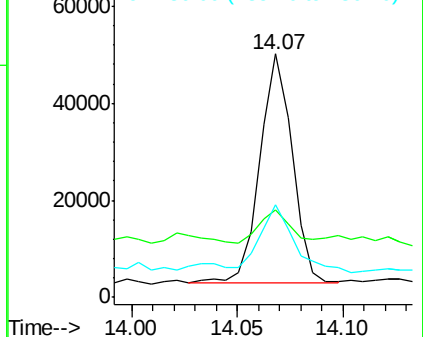
236 38.0 20.7 31.1#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 17.513 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.07 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

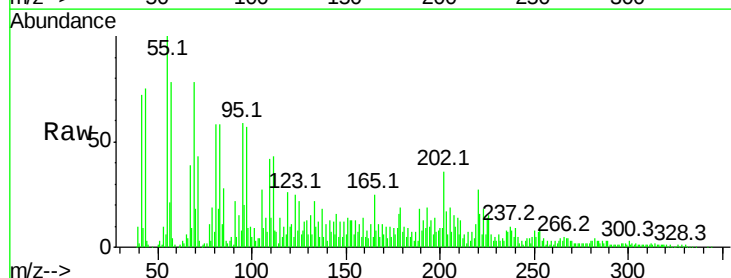
Tgt Ion:202 Resp: 61064

Ion Ratio Lower Upper

202 100

200 25.3 17.4 26.2

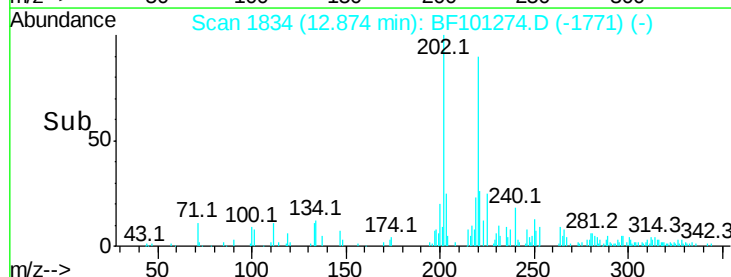
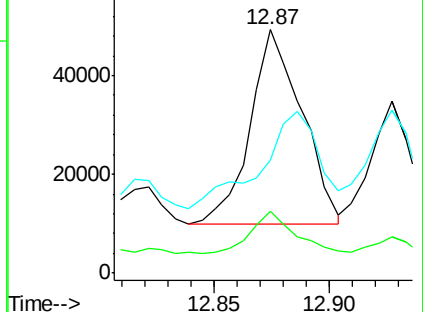
203 46.2 14.3 21.5#

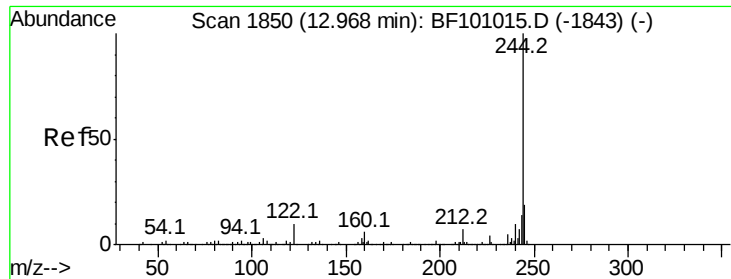


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.490 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.06 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

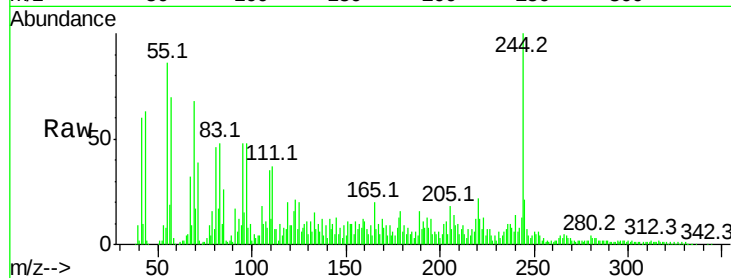
Tot Ion:244 Resp: 169784

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

122 15.6 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

13.00

200000

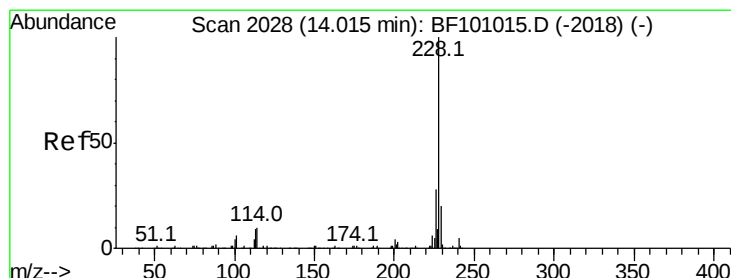
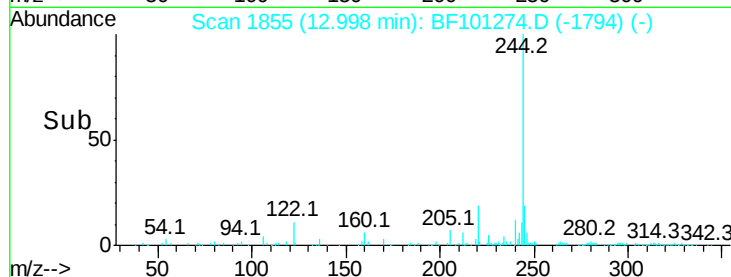
150000

100000

50000

0

Time-->



#80

Benzo(a)anthracene

Concen: 13.322 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.10 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

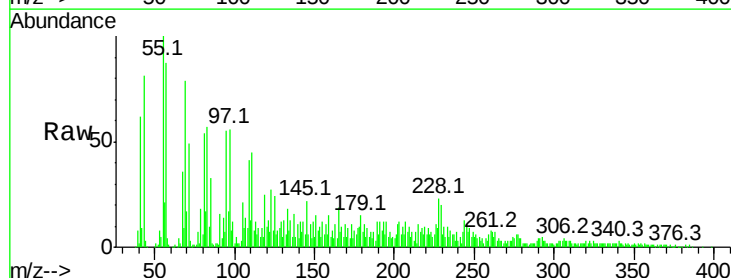
Tgt Ion:228 Resp: 42504

Ion Ratio Lower Upper

228 100

226 46.9 22.6 33.8#

229 84.1 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

14.09

40000

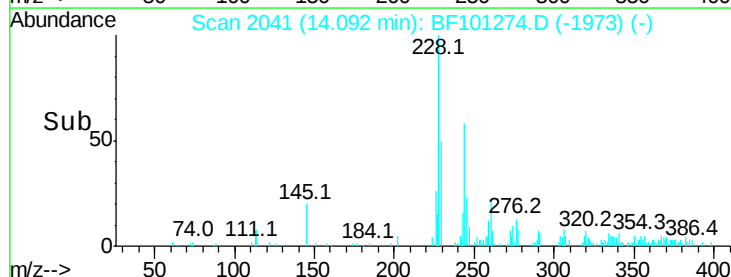
30000

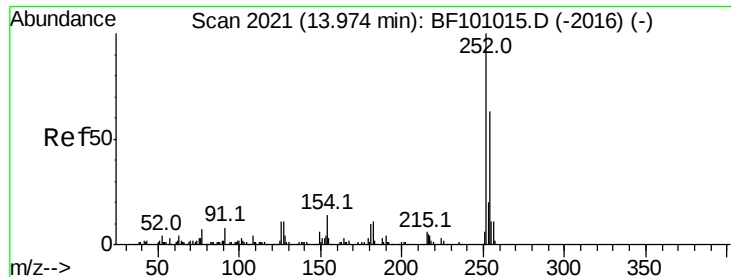
20000

10000

0

Time-->





#81

3,3'-Dichlorobenzidine

Concen: 2.227 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.04 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

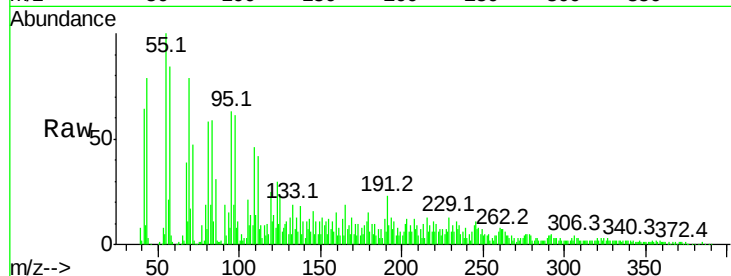
Tot Ion:252 Resp: 2461

Ion Ratio Lower Upper

252 100

254 59.8 50.4 75.6

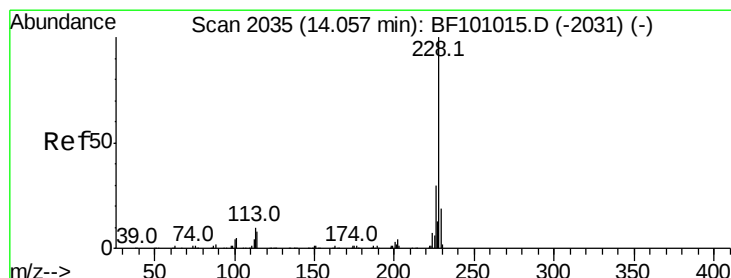
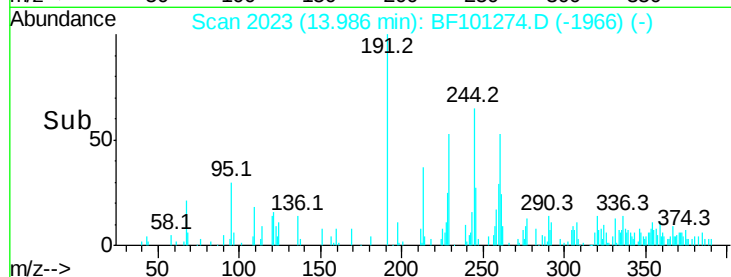
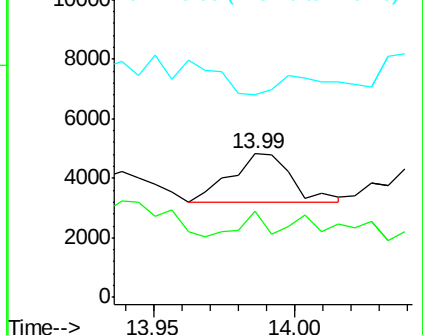
126 141.6 11.3 16.9#



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: 14.345 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.06 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

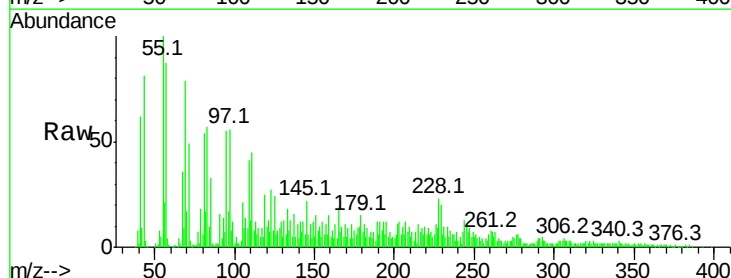
Tgt Ion:228 Resp: 42504

Ion Ratio Lower Upper

228 100

226 46.9 25.0 37.6#

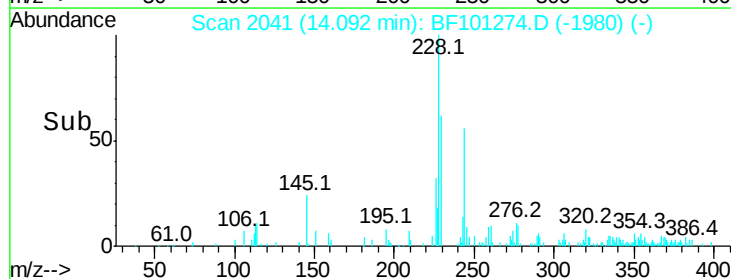
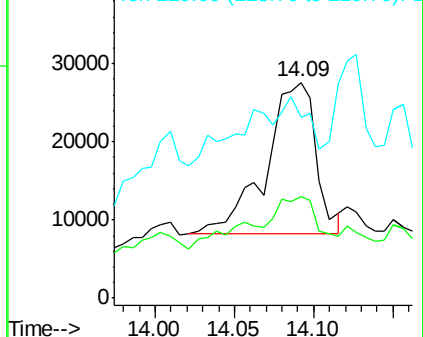
229 84.1 16.2 24.4#

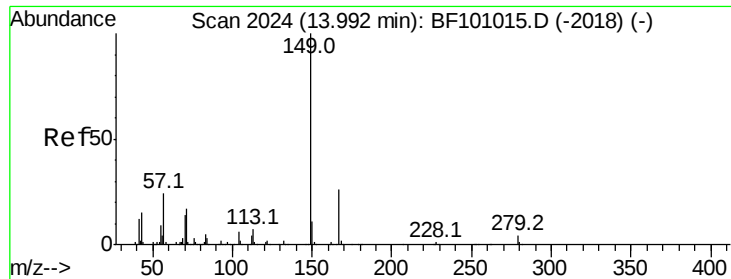


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

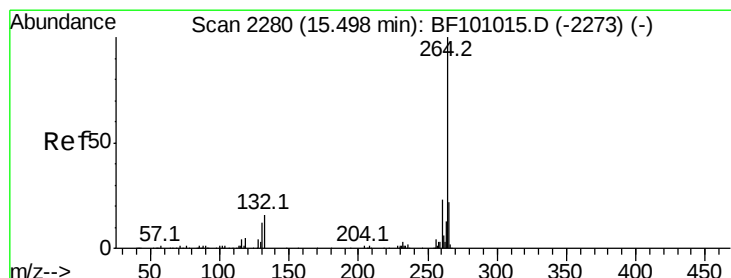
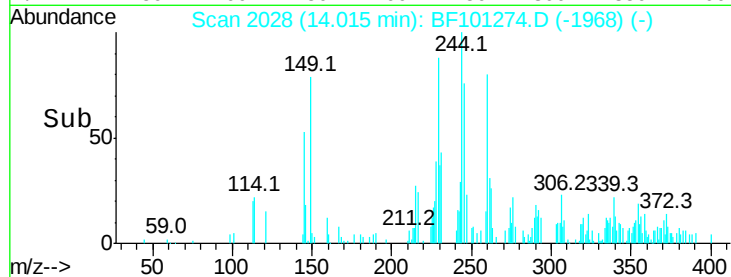
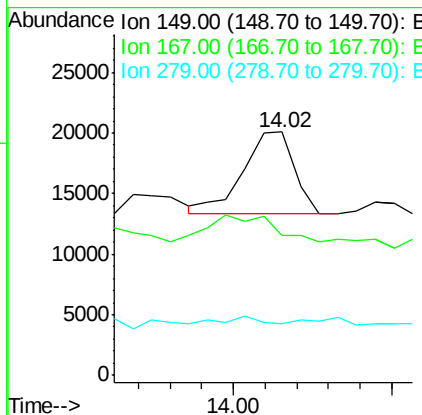
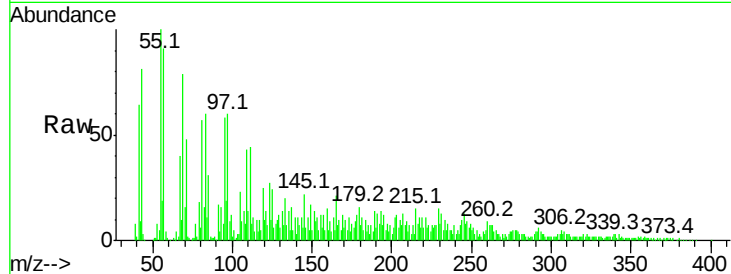




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.411 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.05 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

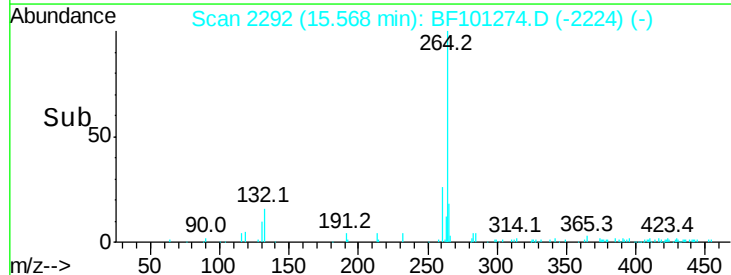
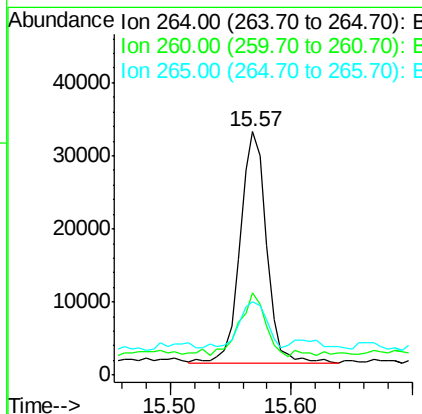
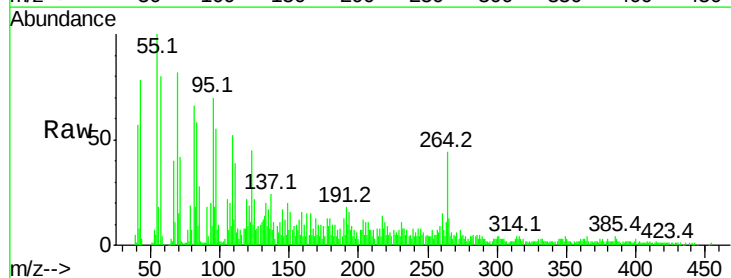
Instrument :
BNA_F
ClientSampleId :

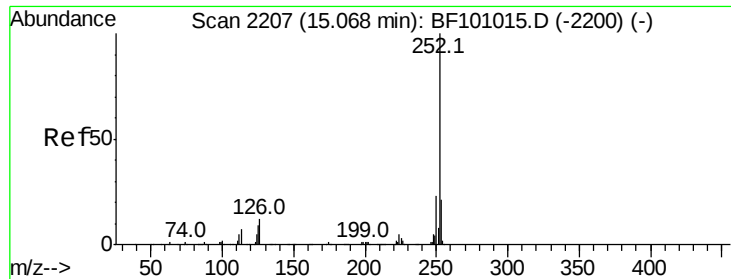
Tot Ion:149 Resp: 7476
Ion Ratio Lower Upper
149 100
167 57.2 21.3 31.9#
279 20.9 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.10 min
Lab File: BF101274.D
Acq: 9 Dec 2017 10:12

Tgt Ion:264 Resp: 48521
Ion Ratio Lower Upper
264 100
260 33.6 19.2 28.8#
265 29.9 17.5 26.3#





#87

Benzo(b)fluoranthene

Concen: 2.775 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.08 min

Lab File: BF101274.D

Acq: 9 Dec 2017 10:12

Instrument :

BNA_F

ClientSampleId :

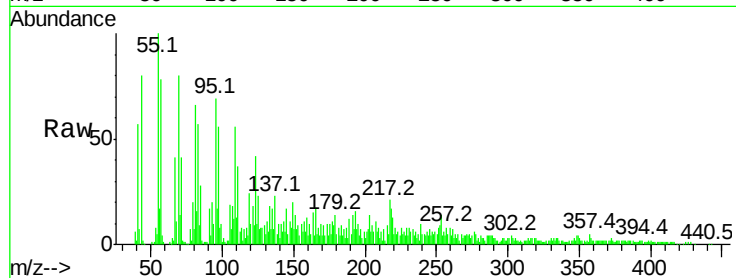
Tot Ion:252 Resp: 8064

Ion Ratio Lower Upper

252 100

253 151.9 17.0 25.6#

125 252.7 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

