

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020218\
 Data File : BF102701.D
 Acq On : 2 Feb 2018 11:37
 Operator : SJ/JU
 Sample : SSTDCCC0420
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 02 13:24:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	189923	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	781043	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	352435	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	594697	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	374971	20.00	ng	0.00
86) Perylene-d12	15.29	264	330726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1064015	84.95	ng	0.00
7) Phenol-d6	6.36	99	1193251	79.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	1107134	81.46	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	236790	67.81	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1919419	80.08	ng	-0.01
78) Terphenyl-d14	12.80	244	1376990	82.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	260787	43.820	ng	96
3) Pyridine	3.04	79	637488	40.989	ng	96
4) n-Nitrosodimethylamine	3.02	42	243783	39.982	ng	99
6) Aniline	6.37	93	724896	36.292	ng	# 59
8) 2-Chlorophenol	6.49	128	543797	41.415	ng	98
9) Benzaldehyde	6.26	77	310368	35.715	ng	97
10) Phenol	6.38	94	735895	44.637	ng	# 49
11) bis(2-Chloroethyl)ether	6.44	93	623232	49.704	ng	99
12) 1,3-Dichlorobenzene	6.63	146	622772	39.881	ng	99
13) 1,4-Dichlorobenzene	6.71	146	672008	42.960	ng	99
14) 1,2-Dichlorobenzene	6.86	146	545860	38.150	ng	98
15) Benzyl Alcohol	6.86	79	398056	37.360	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	827905	39.368	ng	85
17) 2-Methylphenol	6.98	107	432034	37.886	ng	# 87
18) Hexachloroethane	7.19	117	215701	39.571	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	382023	41.338	ng	96
20) 3+4-Methylphenols	7.13	107	608653	45.382	ng	# 86
22) Acetophenone	7.12	105	779384	41.860	ng	# 96
24) Nitrobenzene	7.29	77	607096	43.648	ng	98
25) Isophorone	7.52	82	991480	40.920	ng	99
26) 2-Nitrophenol	7.60	139	300405	41.037	ng	93
27) 2,4-Dimethylphenol	7.65	122	415900	39.127	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	619414	41.384	ng	99
29) 2,4-Dichlorophenol	7.86	162	438933	40.539	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	443402	38.202	ng	99
31) Naphthalene	8.00	128	1550536	39.761	ng	99
32) Benzoic acid	7.82	122	258984	29.081	ng	99
33) 4-Chloroaniline	8.07	127	665723	40.597	ng	99
34) Hexachlorobutadiene	8.10	225	236501	38.151	ng	99
35) Caprolactam	8.45	113	149874	41.912	ng	# 83
36) 4-Chloro-3-methylphenol	8.56	107	565778	49.573	ng	96
37) 2-Methylnaphthalene	8.69	142	1150599	44.304	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	451373	42.569	ng	99
40) Hexachlorocyclopentadiene	8.83	237	91572	19.298	ng	99

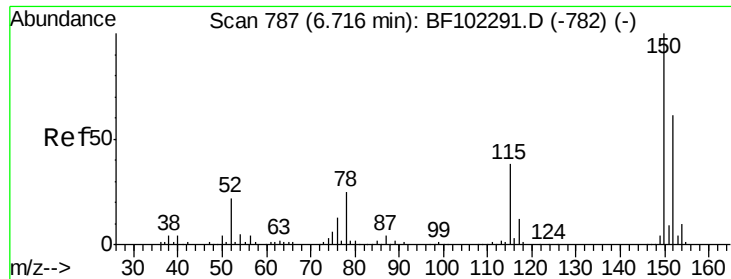
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020218\
 Data File : BF102701.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	277779	39.134	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	309802	38.764	nq	99
45) 1,1'-Biphenyl	9.15	154	1288761	40.896	nq	99
46) 2-Chloronaphthalene	9.18	162	966576	39.460	nq	99
47) 2-Nitroaniline	9.30	65	313986	41.115	nq	99
48) Acenaphthylene	9.59	152	1491632	39.087	nq	99
49) Dimethylphthalate	9.46	163	1077859	37.000	nq	100
50) 2,6-Dinitrotoluene	9.53	165	242910	38.676	nq	# 87
51) Acenaphthene	9.76	154	873487	39.192	nq	99
52) 3-Nitroaniline	9.72	138	292181	39.325	nq	98
53) 2,4-Dinitrophenol	9.84	184	75150	29.132	nq	# 25
54) Dibenzofuran	9.94	168	1183819	39.247	nq	94
55) 4-Nitrophenol	9.94	139	692092	141.114	nq	# 18
56) 2,4-Dinitrotoluene	9.95	165	303026	39.234	nq	# 92
57) Fluorene	10.28	166	955025	39.957	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	210393	36.870	nq	98
59) Diethylphthalate	10.16	149	1085233	38.336	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	413658	39.918	nq	97
61) 4-Nitroaniline	10.34	138	284772	38.410	nq	90
62) Azobenzene	10.43	77	1088960	42.016	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	141162	35.579	nq	94
65) n-Nitrosodiphenylamine	10.40	169	876188	40.141	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	249243	38.933	nq	92
67) Hexachlorobenzene	10.83	284	257831	36.011	nq	95
68) Atrazine	10.93	200	237797	36.887	nq	98
69) Pentachlorophenol	11.04	266	117755	31.308	nq	97
70) Phenanthrene	11.24	178	1313655	37.907	nq	99
71) Anthracene	11.30	178	1365462	38.604	nq	99
72) Carbazole	11.46	167	1349357	39.103	nq	100
73) Di-n-butylphthalate	11.77	149	1636617	37.943	nq	100
74) Fluoranthene	12.43	202	1275497	36.093	nq	99
76) Benzidine	12.57	184	346892	27.538	nq	98
77) Pyrene	12.66	202	1288163	44.433	nq	99
79) Butylbenzylphthalate	13.27	149	632251	43.822	nq	99
80) Benzo(a)anthracene	13.85	228	926149	40.118	nq	100
81) 3,3'-Dichlorobenzidine	13.82	252	308115	36.383	nq	98
82) Chrysene	13.89	228	946428	40.371	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	758913	39.141	nq	99
84) Di-n-octyl phthalate	14.44	149	1195732	37.922	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	758690	39.186	nq	97
87) Benzo(b)fluoranthene	14.91	252	831285	38.780	nq	97
88) Benzo(k)fluoranthene	14.91	252	831285	41.046	nq	99
89) Benzo(a)pyrene	15.23	252	740710	38.313	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	630588	40.266	nq	# 95
91) Benzo(g,h,i)perylene	17.12	276	668283	43.218	nq	95

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

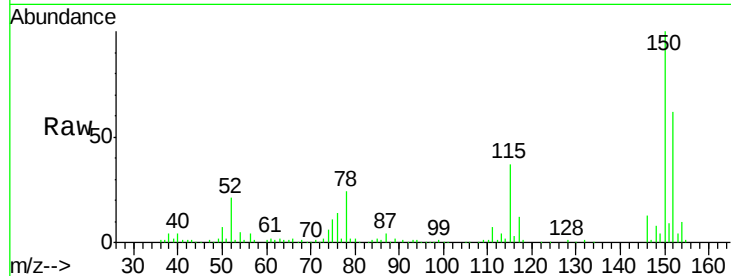


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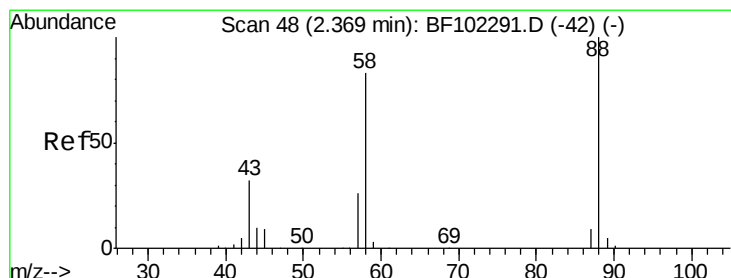
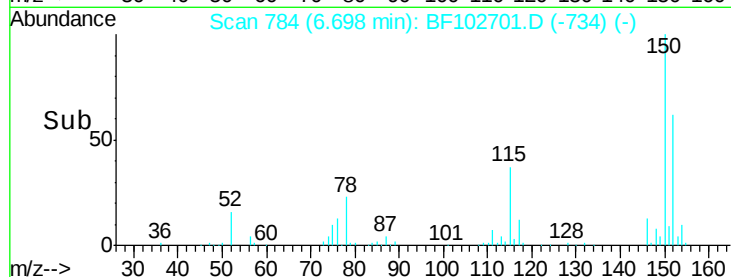
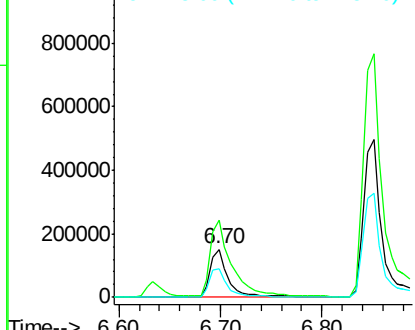
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189923
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 59.8 50.1 75.1



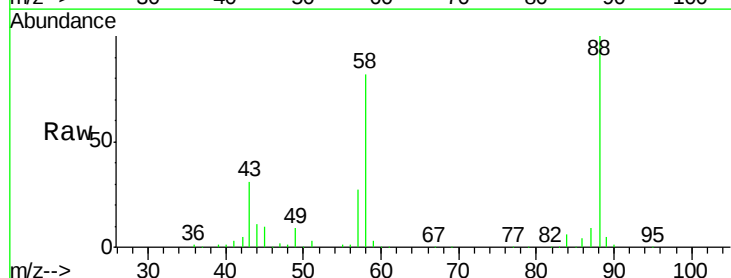
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



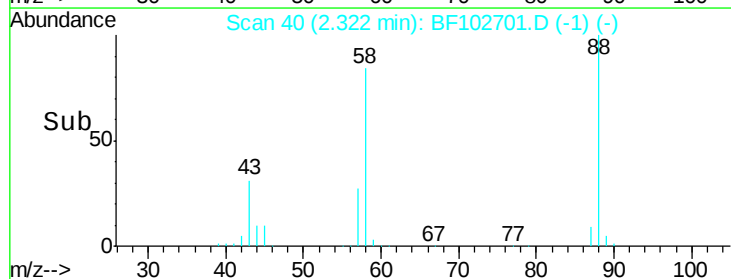
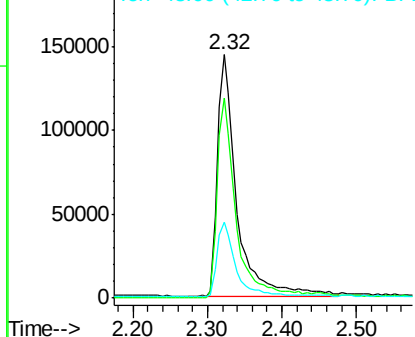
#2

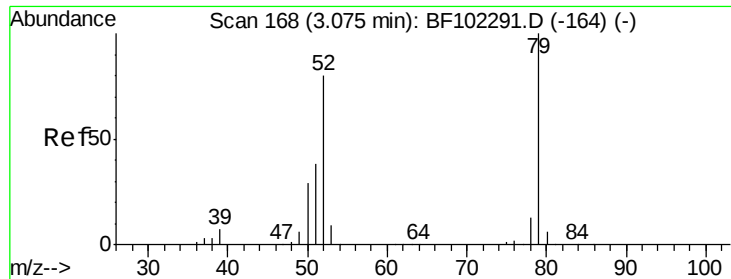
1,4-Dioxane
Concen: 43.820 ng
RT: 2.32 min Scan# 40
Delta R.T. -0.04 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion: 88 Resp: 260787
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 29.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.989 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.02 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

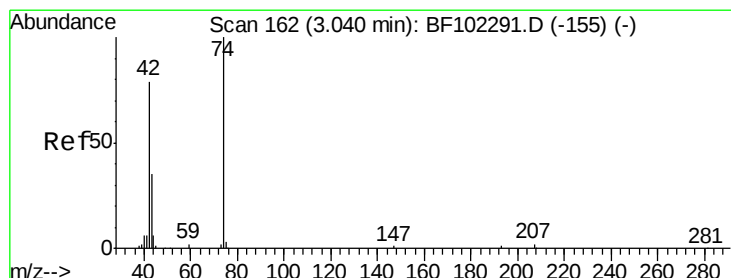
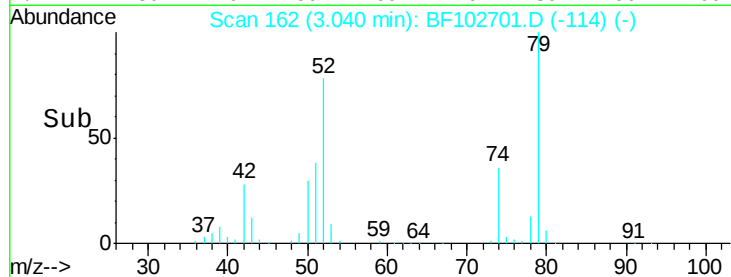
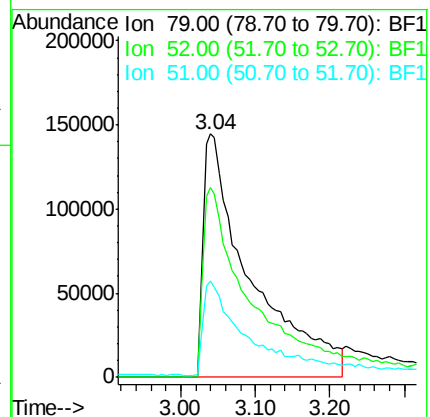
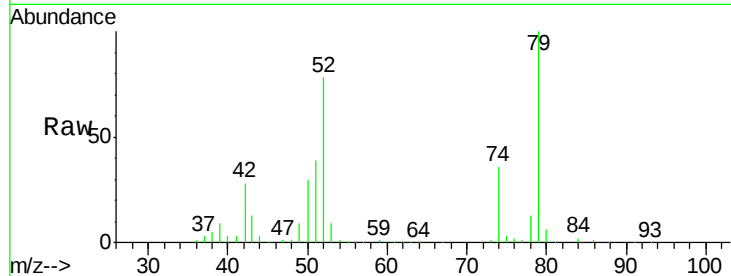
Tot Ion: 79 Resp: 637488

Ion Ratio Lower Upper

79 100

52 78.0 59.8 89.6

51 39.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.982 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.02 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

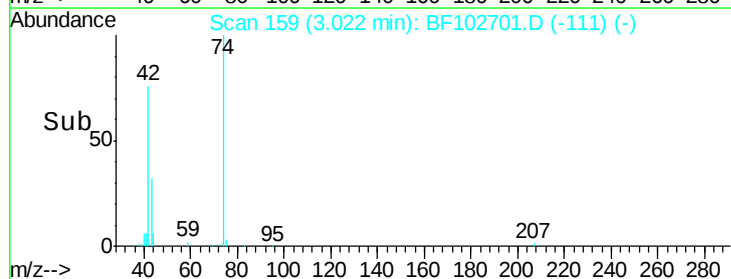
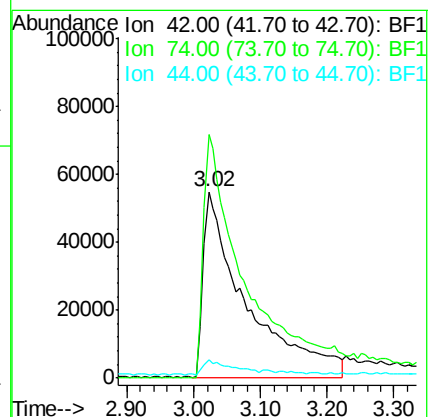
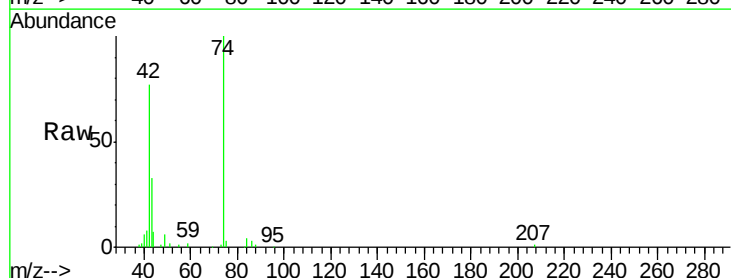
Tgt Ion: 42 Resp: 243783

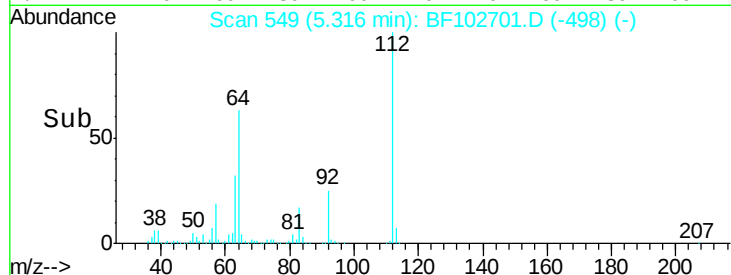
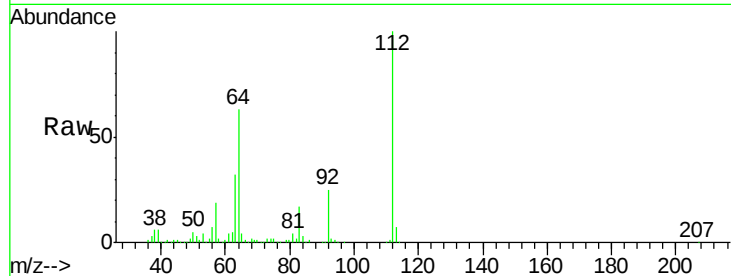
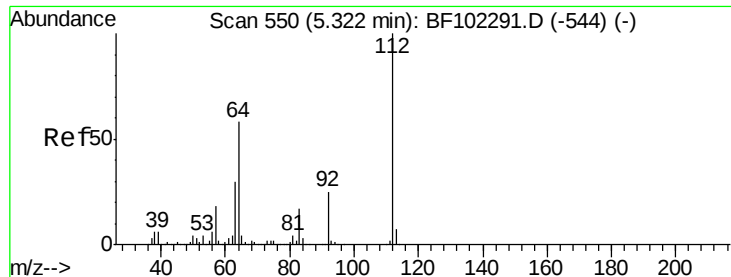
Ion Ratio Lower Upper

42 100

74 130.7 104.9 157.3

44 9.8 6.9 10.3





#5

2-Fluorophenol

Concen: 84.946 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

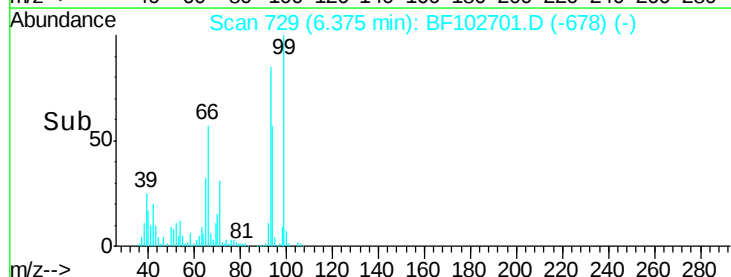
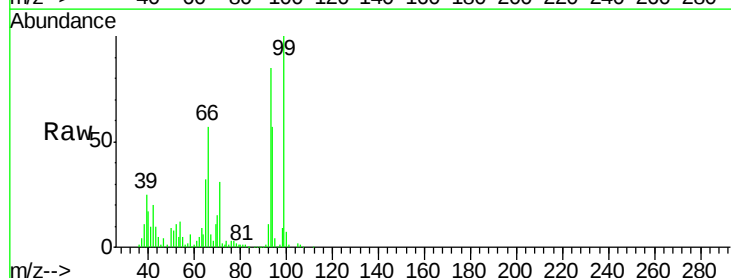
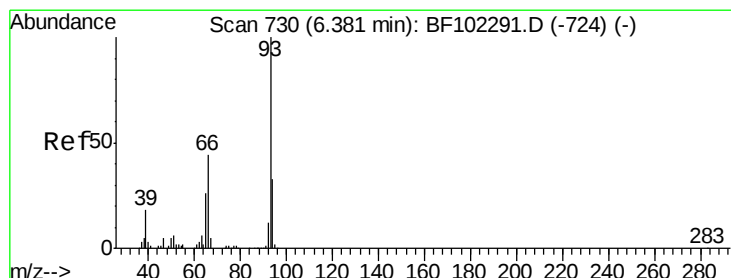
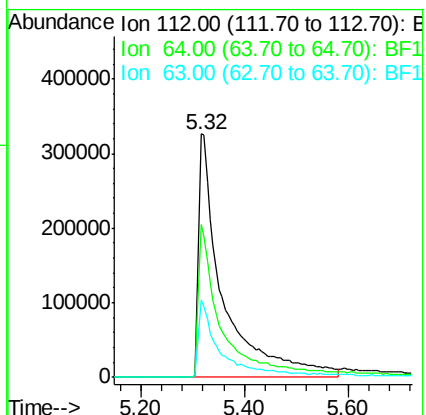
Tot Ion:112 Resp: 1064015

Ion Ratio Lower Upper

112 100

64 62.8 47.9 71.9

63 31.5 23.7 35.5



#6

Aniline

Concen: 36.292 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

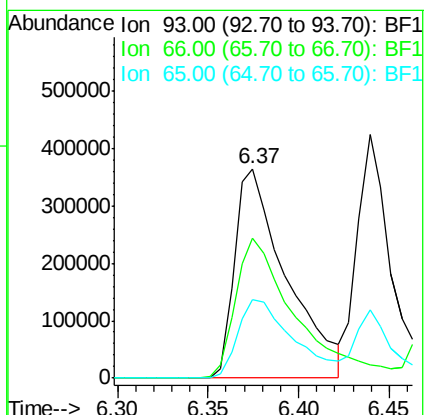
Tgt Ion: 93 Resp: 724896

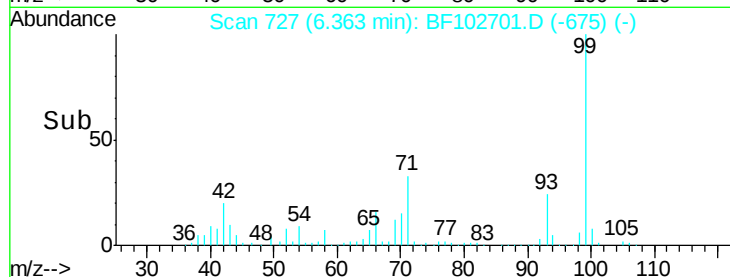
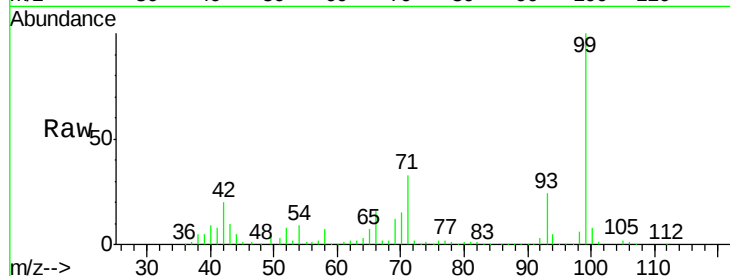
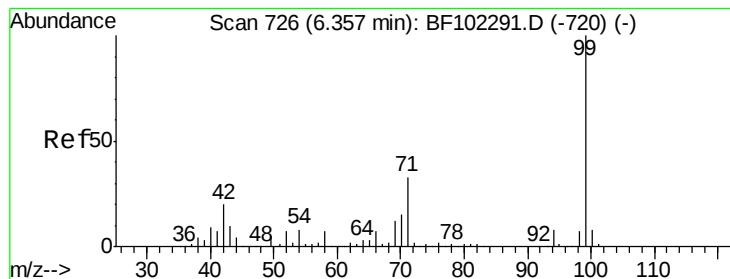
Ion Ratio Lower Upper

93 100

66 66.7 32.2 48.2#

65 37.8 16.4 24.6#





#7

Phenol-d6

Concen: 79.018 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

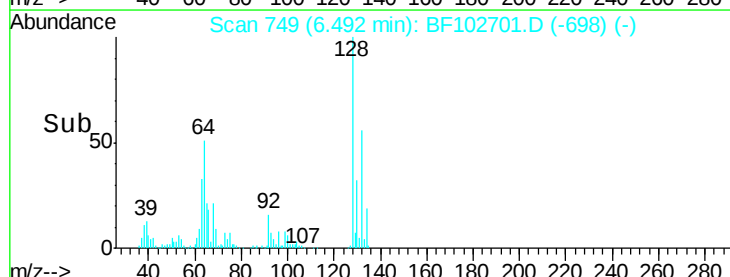
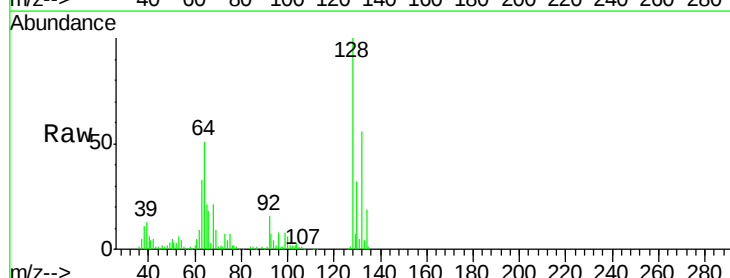
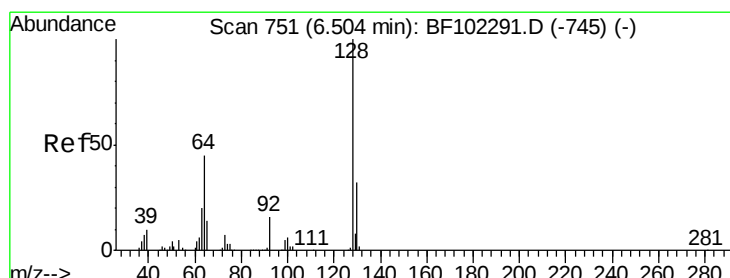
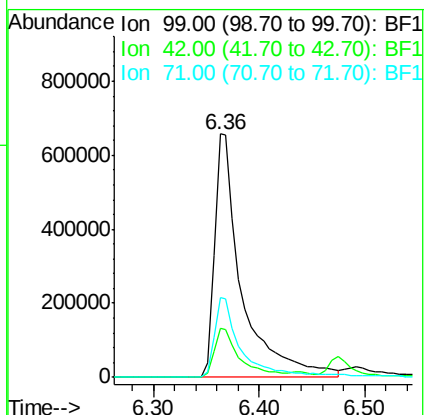
Tot Ion: 99 Resp: 1193251

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 32.7 25.4 38.0



#8

2-Chlorophenol

Concen: 41.415 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

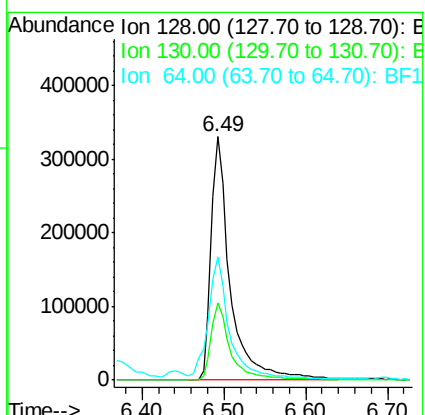
Tgt Ion:128 Resp: 543797

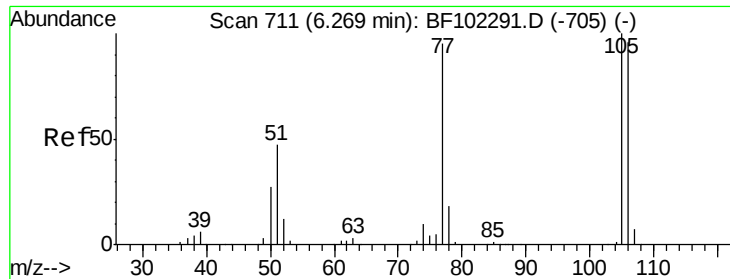
Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

64 50.7 29.4 69.4





#9

Benzaldehyde

Concen: 35.715 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

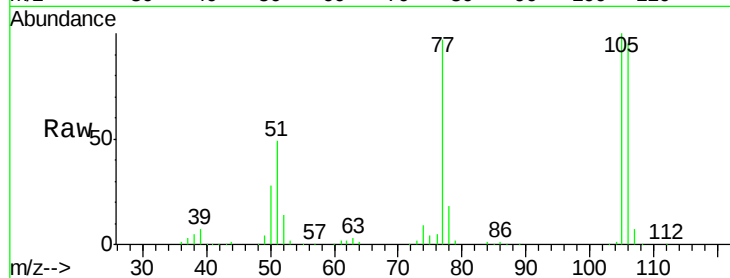
Tot Ion: 77 Resp: 310368

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

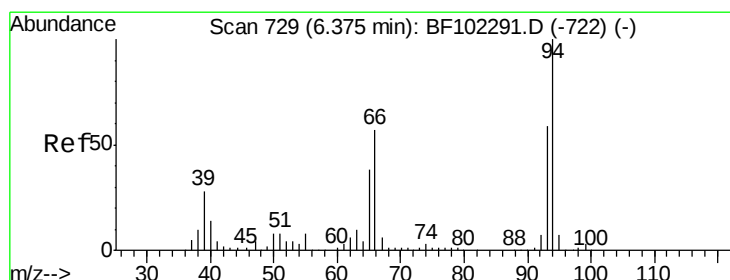
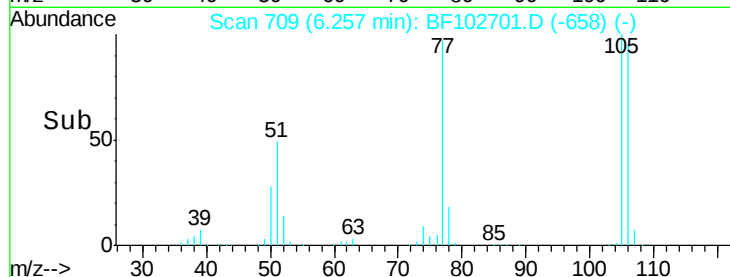
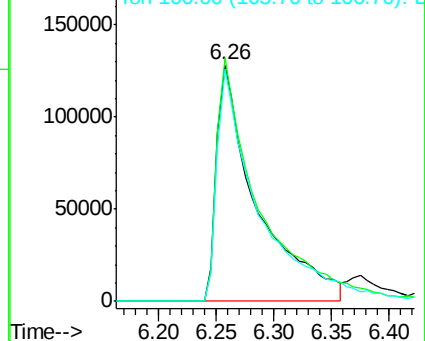
106 98.3 74.5 114.5



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: 44.637 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

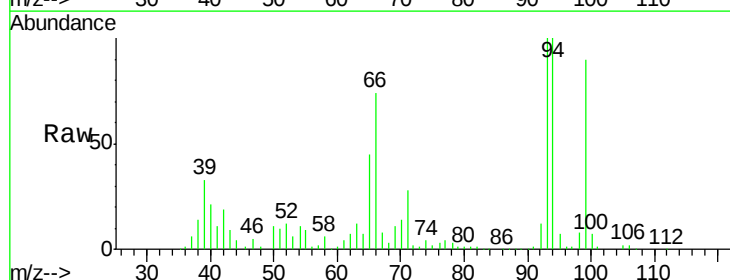
Tgt Ion: 94 Resp: 735895

Ion Ratio Lower Upper

94 100

65 45.3 7.9 47.9

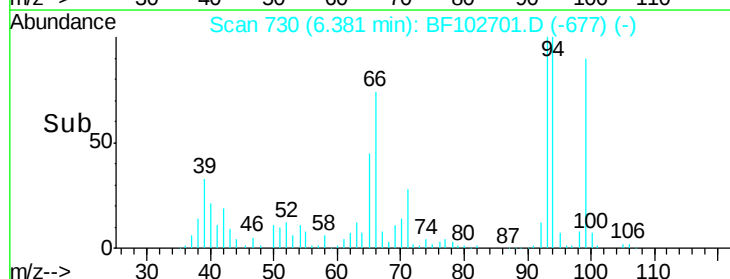
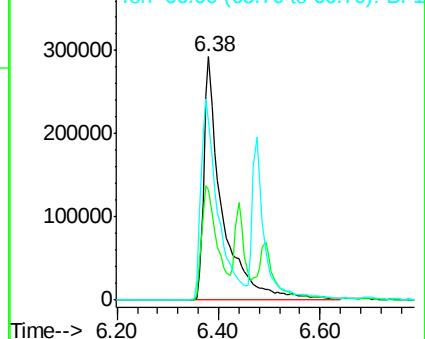
66 74.0 16.2 56.2#

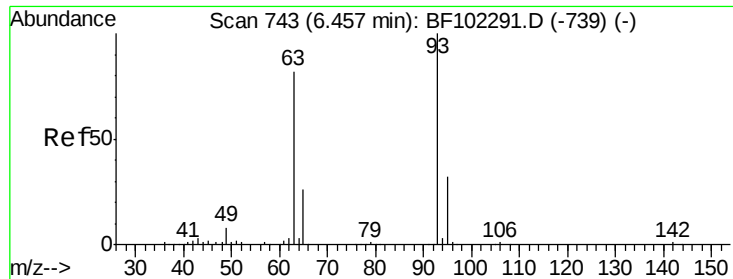


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 49.704 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

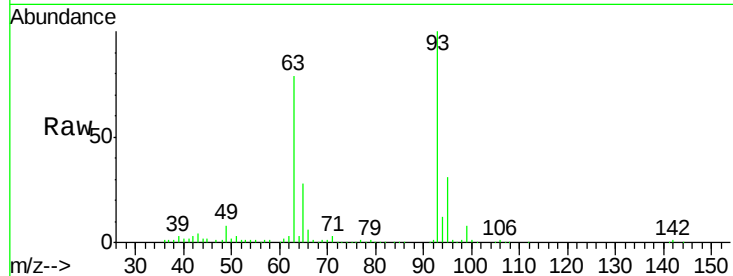
Tot Ion: 93 Resp: 623232

Ion Ratio Lower Upper

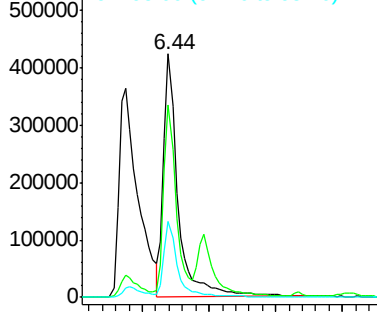
93 100

63 78.9 58.6 98.6

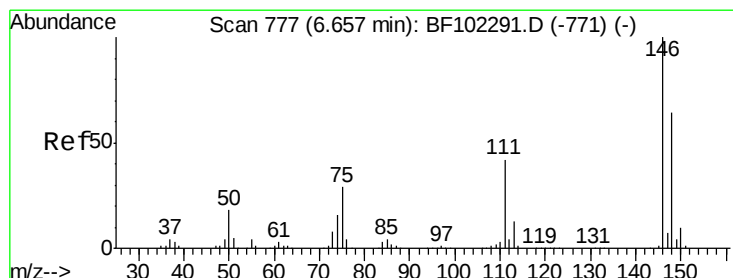
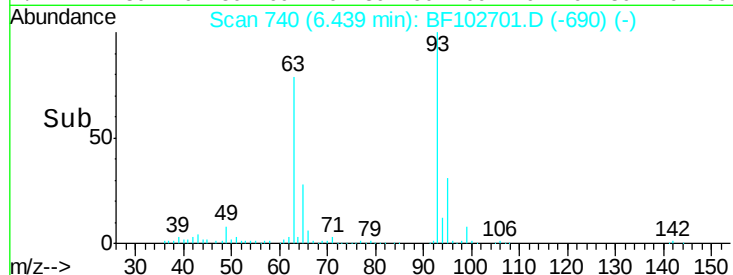
95 31.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



Time-->



#12

1,3-Dichlorobenzene

Concen: 39.881 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

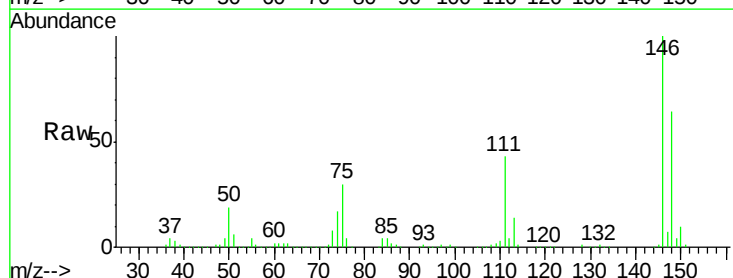
Tgt Ion: 146 Resp: 622772

Ion Ratio Lower Upper

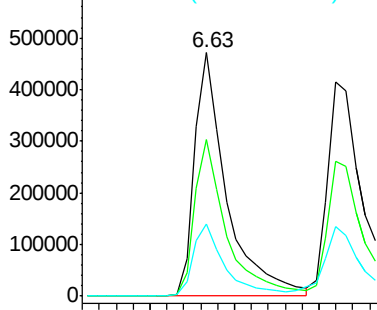
146 100

148 64.4 51.8 77.8

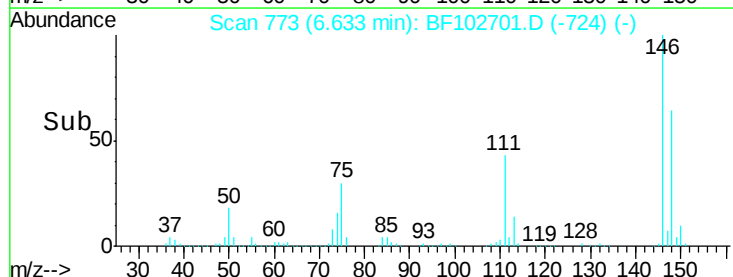
75 29.8 24.2 36.4

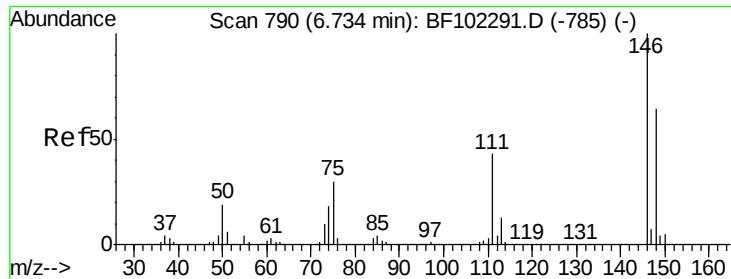


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



Time-->

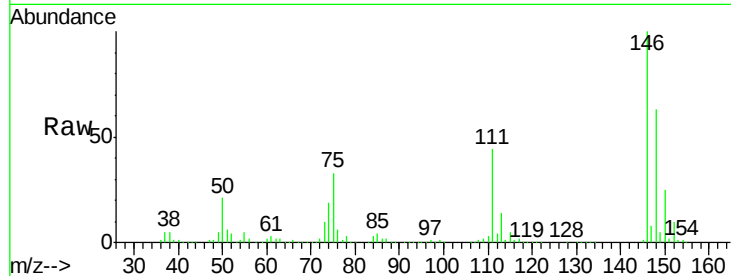




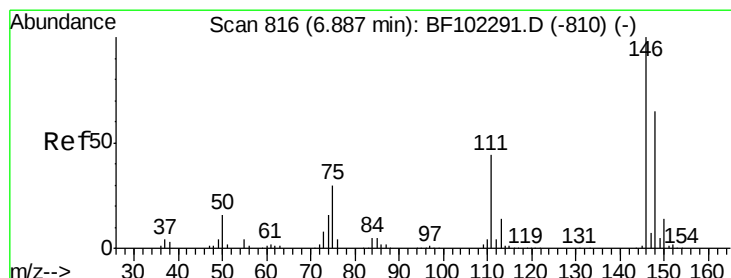
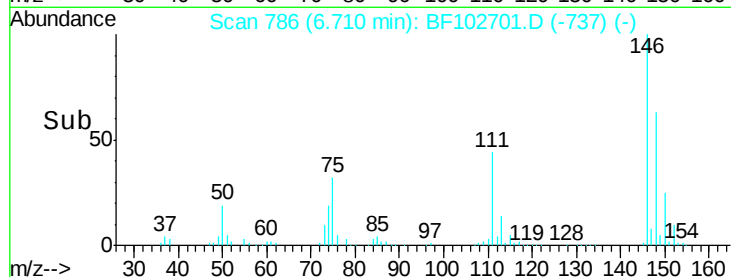
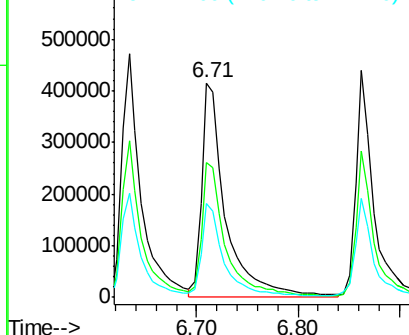
#13
 1,4-Dichlorobenzene
 Concen: 42.960 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 672008
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 43.6 34.2 51.2

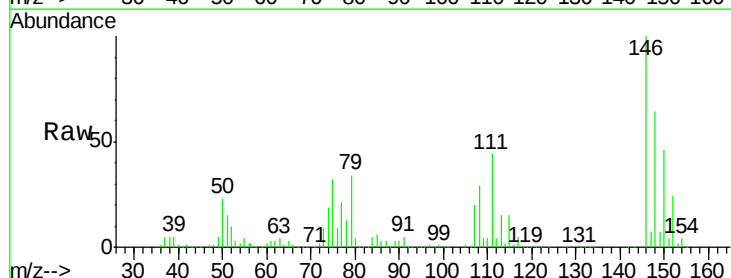


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

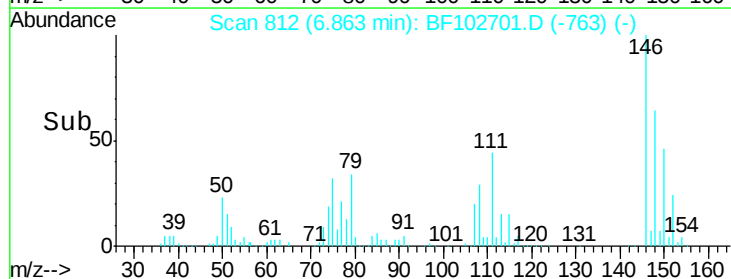
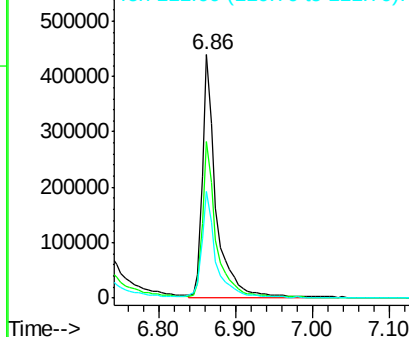


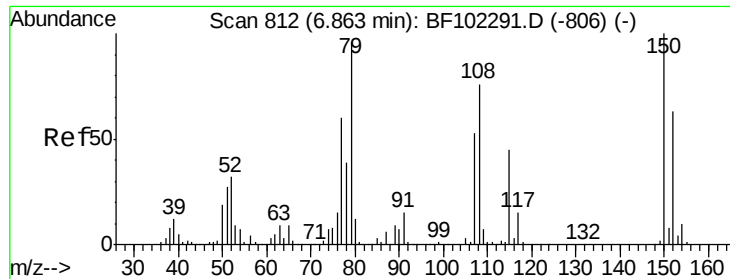
#14
 1,2-Dichlorobenzene
 Concen: 38.150 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:146 Resp: 545860
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 43.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.360 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :
BNA_F
ClientSampleId :

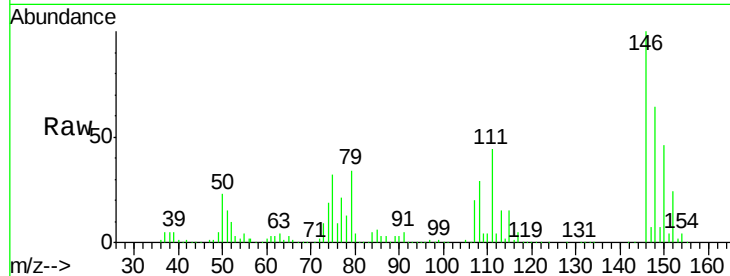
Tot Ion: 79 Resp: 398056

Ion Ratio Lower Upper

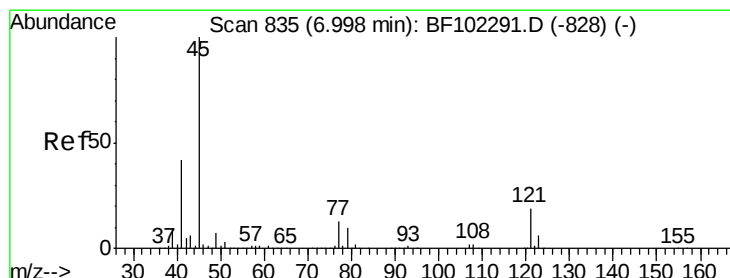
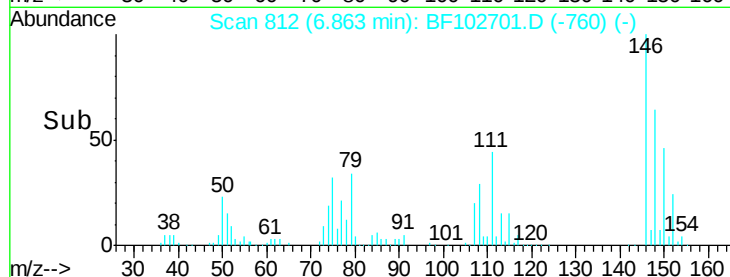
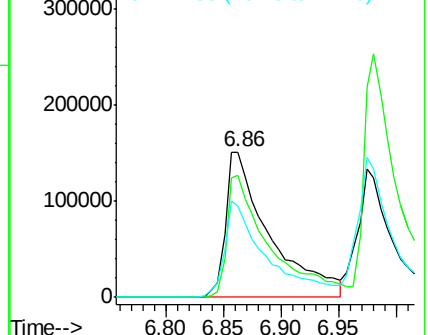
79 100

108 83.6 65.1 97.7

77 62.3 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.368 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

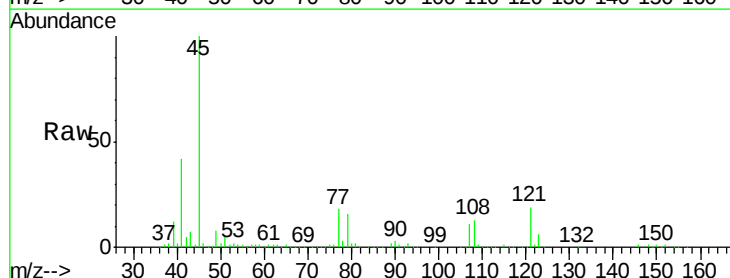
Tgt Ion: 45 Resp: 827905

Ion Ratio Lower Upper

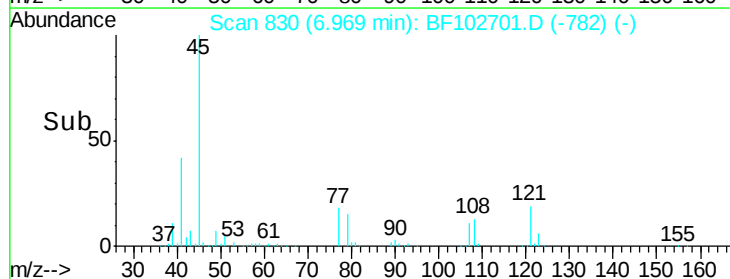
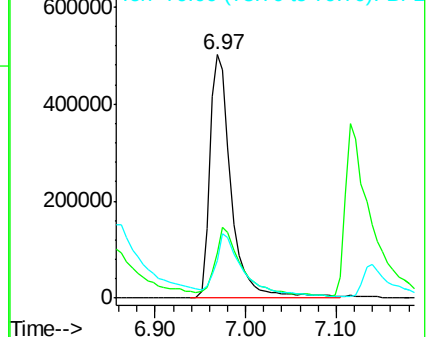
45 100

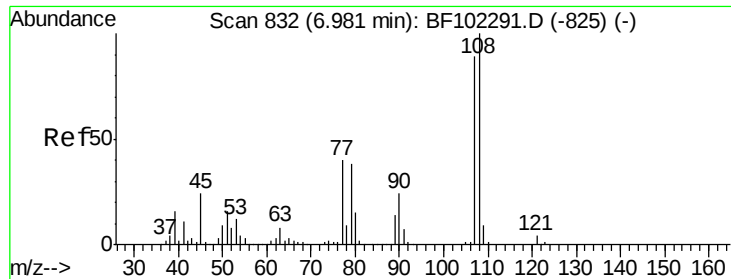
77 18.5 0.0 32.9

79 15.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

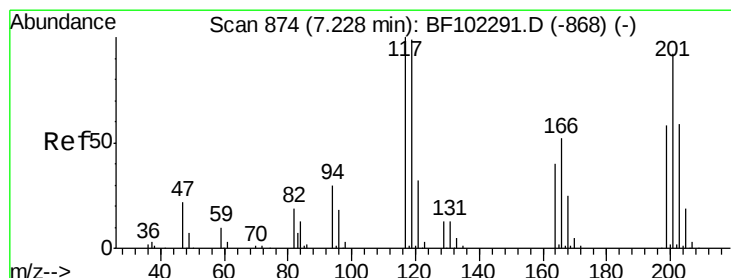
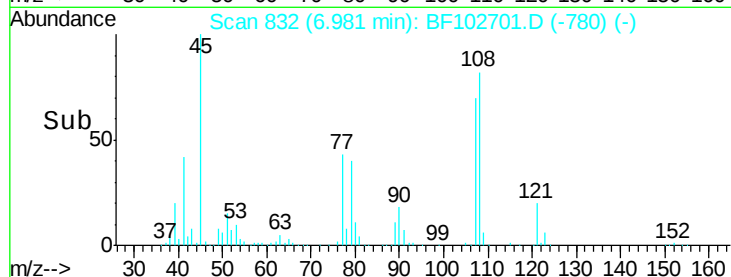
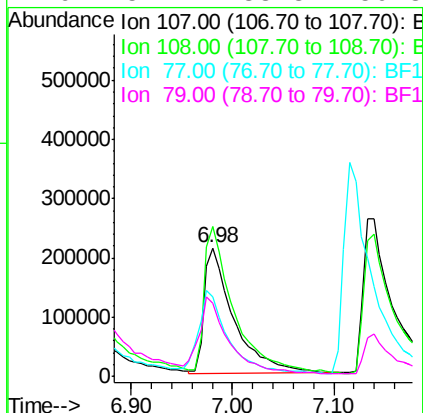
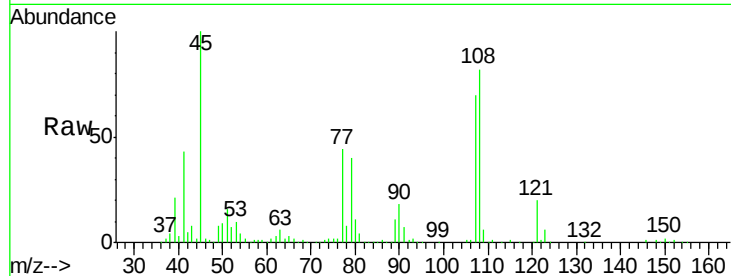




#17
2-Methylphenol
Concen: 37.886 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

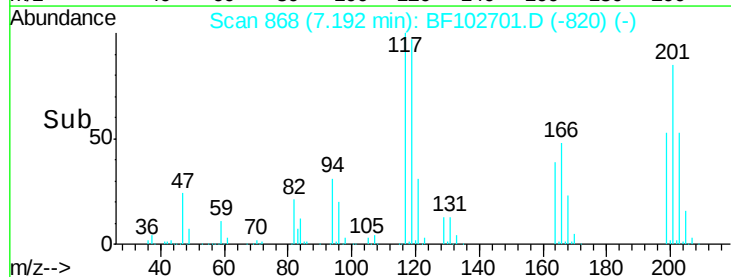
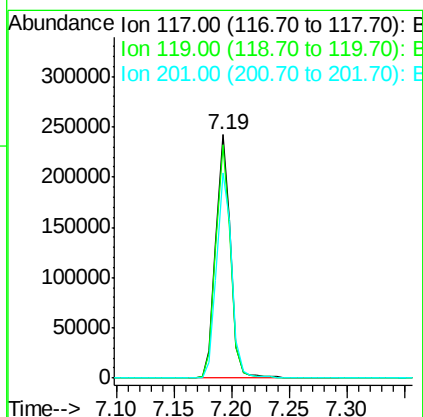
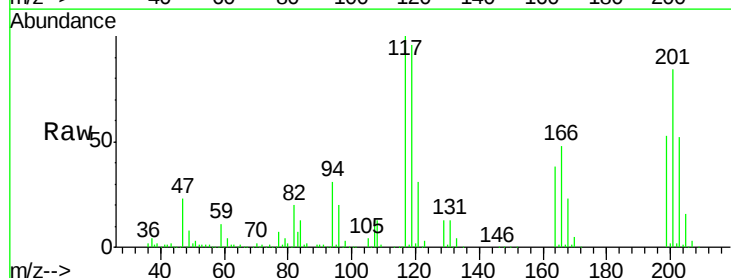
Instrument :
BNA_F
ClientSampleId :

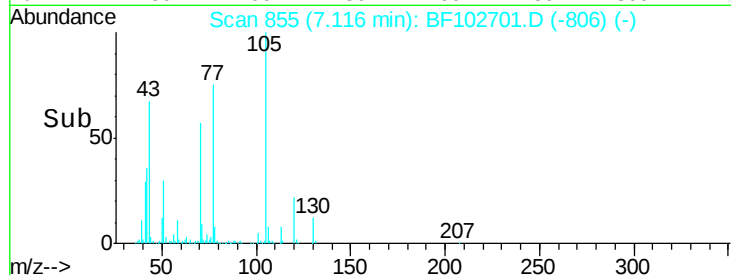
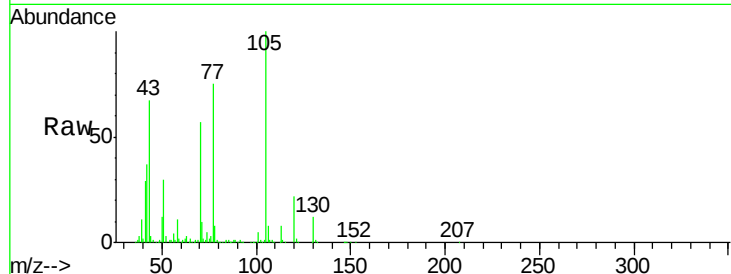
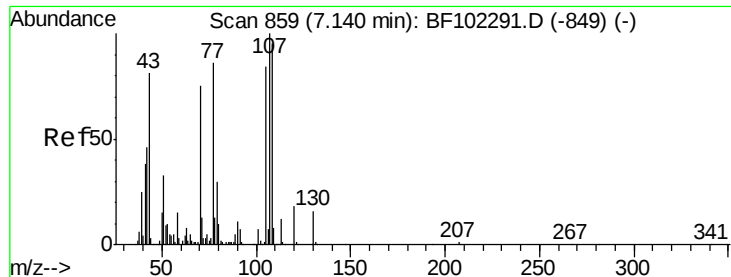
Tot Ion:107 Resp: 432034
Ion Ratio Lower Upper
107 100
108 117.2 91.7 137.5
77 62.1 33.8 50.8#
79 57.4 33.8 50.8#



#18
Hexachloroethane
Concen: 39.571 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:117 Resp: 215701
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 84.1 75.7 113.5

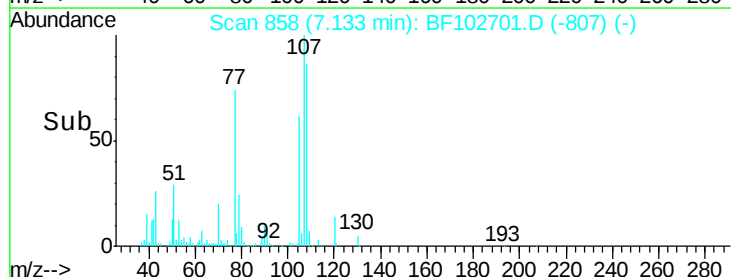
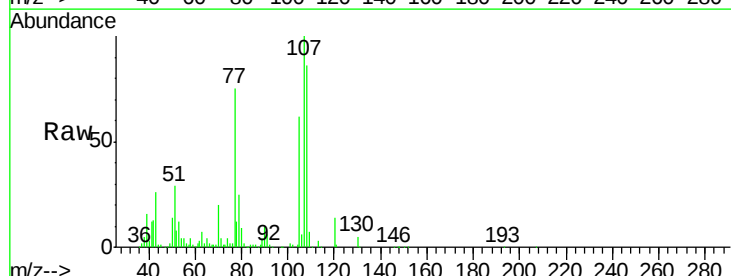
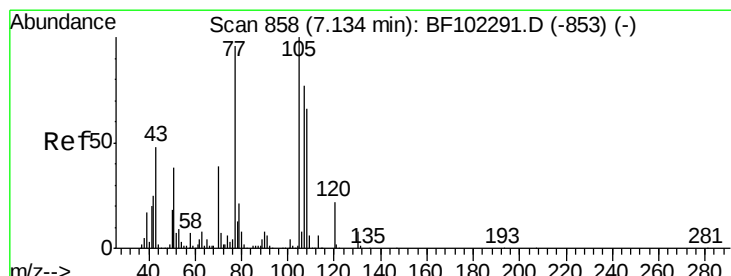
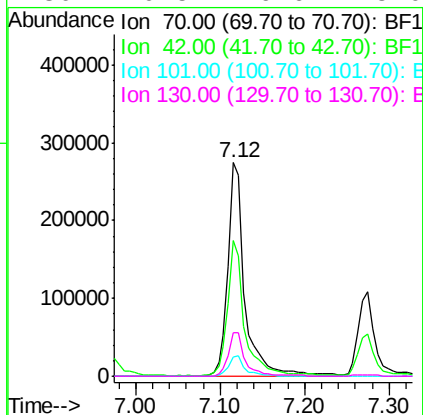




#19
n-Nitroso-di-n-propylamine
Concen: 41.338 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

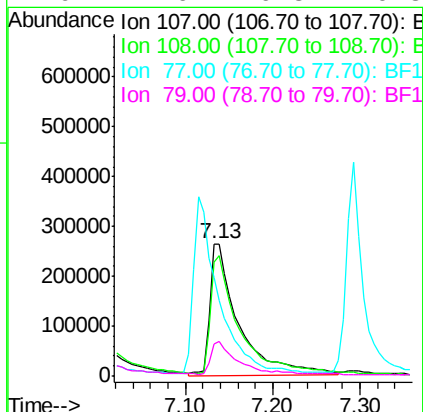
Instrument :
BNA_F
ClientSampleId :

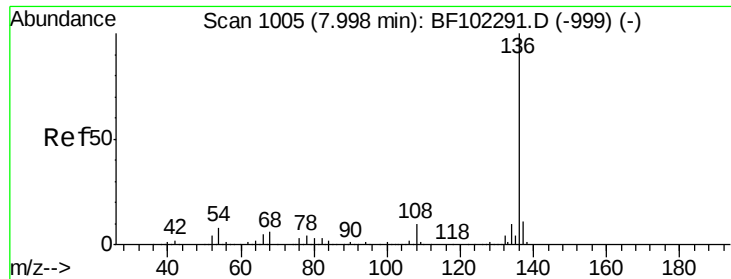
Tot Ion:	70	Resp:	382023
Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.5	71.3
101	9.1	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.382 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:	107	Resp:	608653
Ion	Ratio	Lower	Upper
107	100		
108	86.2	68.2	108.2
77	74.8	26.7	66.7#
79	24.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 781043

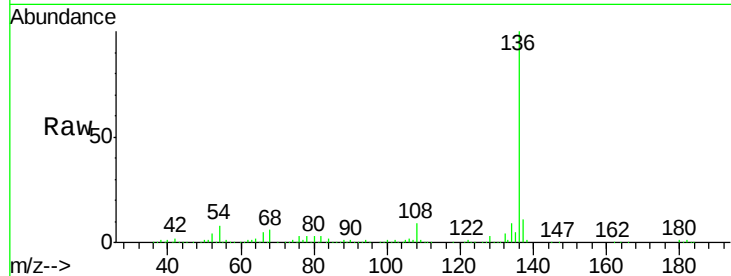
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 9.8

68 5.5 5.0 7.4

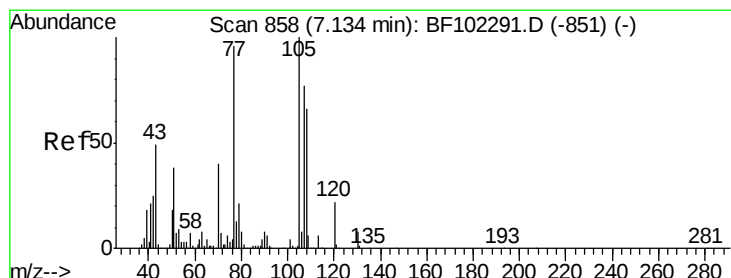
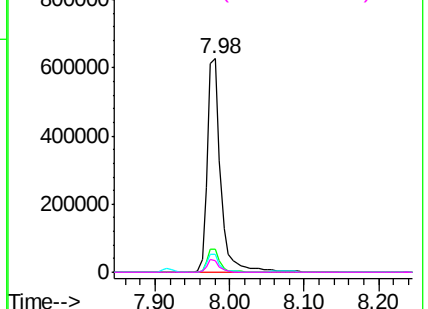
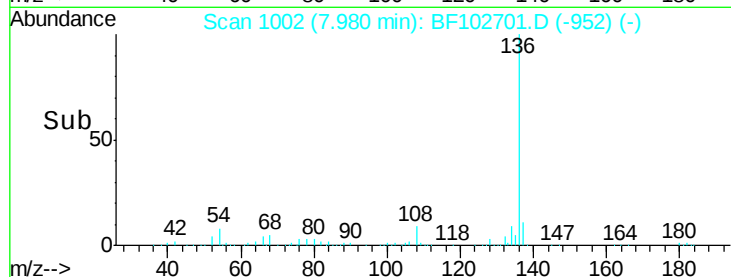


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.860 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Tgt Ion:105 Resp: 779384

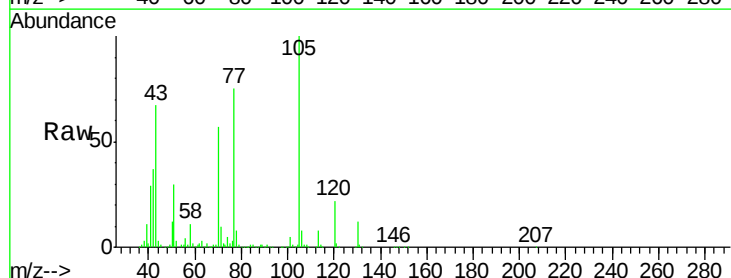
Ion Ratio Lower Upper

105 100

71 9.6 4.4 6.6#

51 29.8 22.3 33.5

120 22.0 16.9 25.3

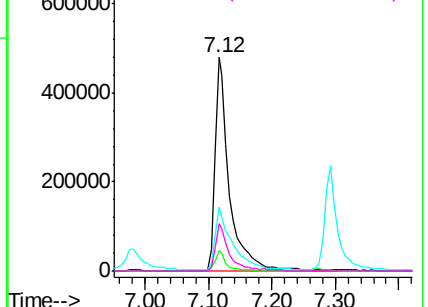
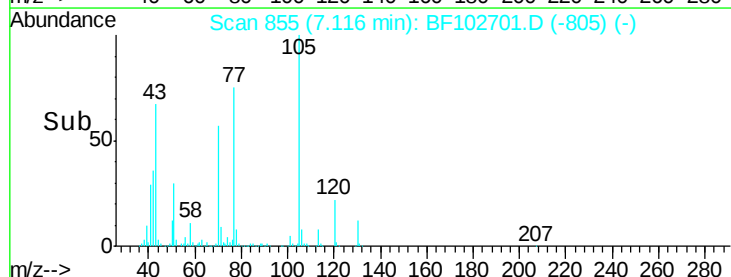


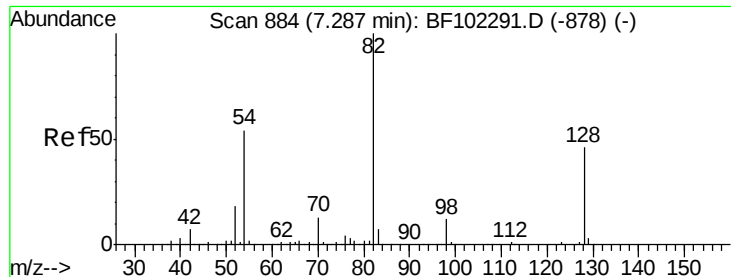
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

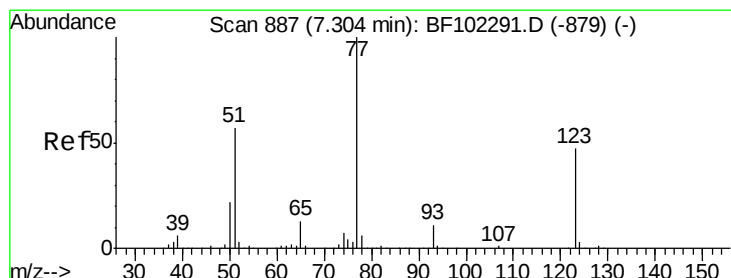
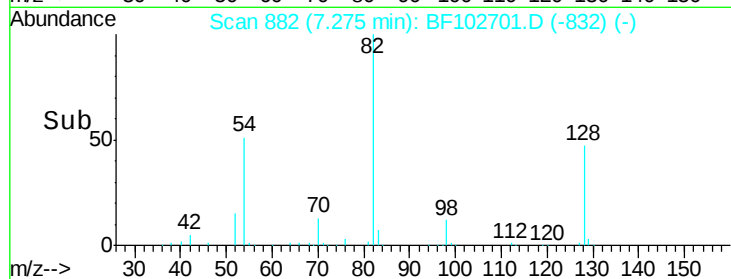
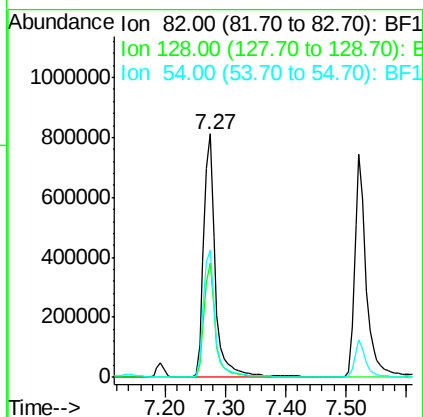
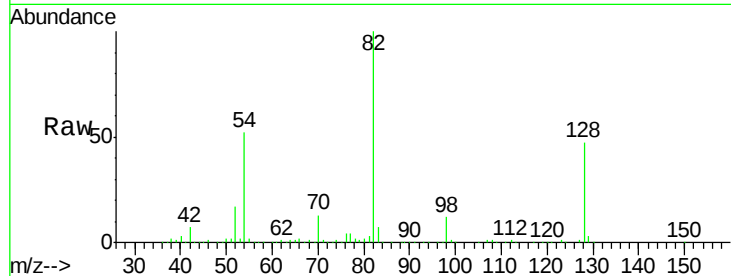




#23
Nitrobenzene-d5
Concen: 81.460 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

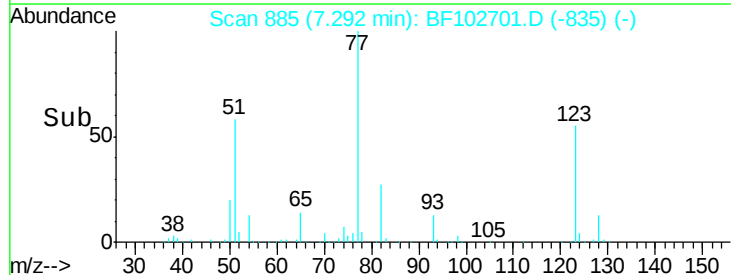
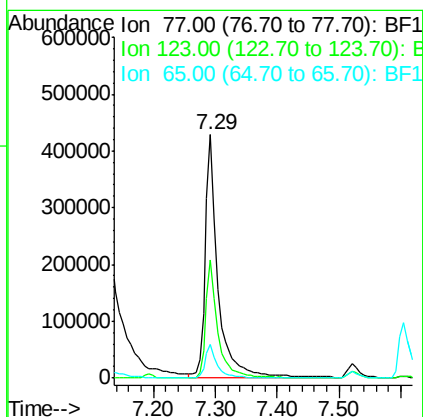
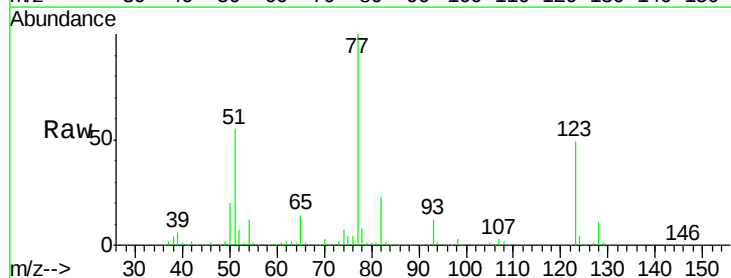
Instrument :
BNA_F
ClientSampleId :

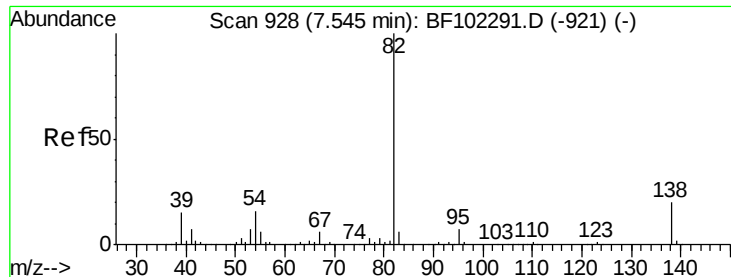
Tot Ion: 82 Resp: 1107134
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 52.1 41.4 62.2



#24
Nitrobenzene
Concen: 43.648 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion: 77 Resp: 607096
Ion Ratio Lower Upper
77 100
123 48.8 37.9 56.9
65 13.6 11.0 16.4





#25

Isophorone

Concen: 40.920 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

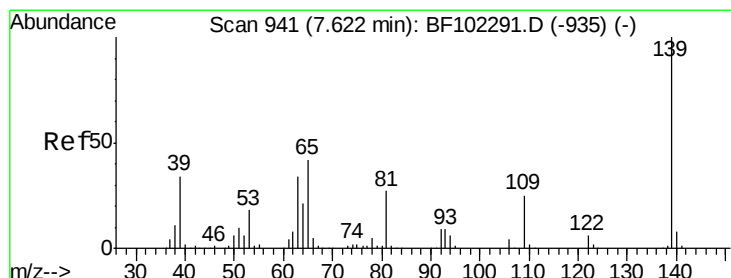
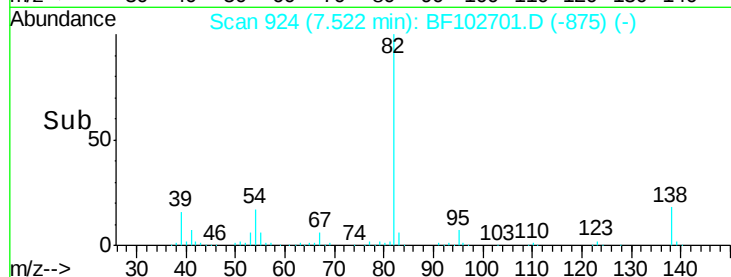
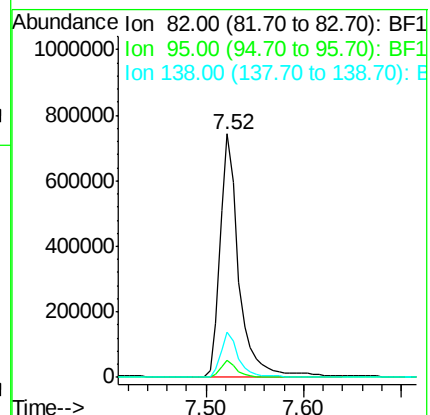
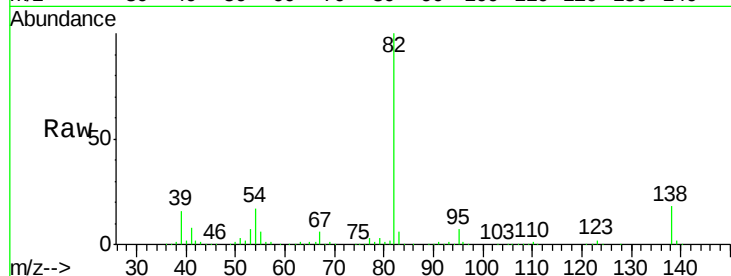
Tot Ion: 82 Resp: 991480

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 41.037 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

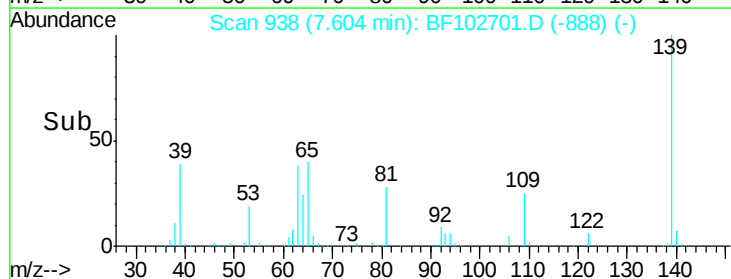
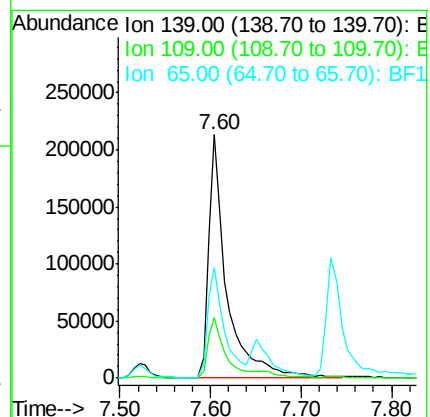
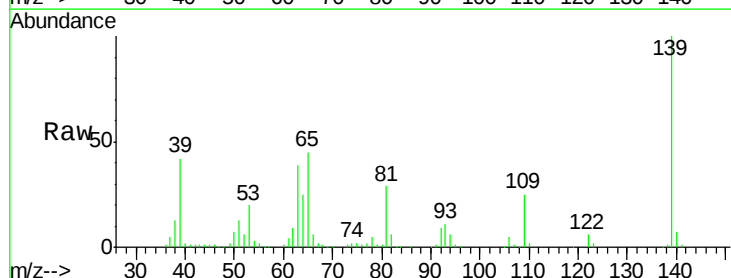
Tgt Ion: 139 Resp: 300405

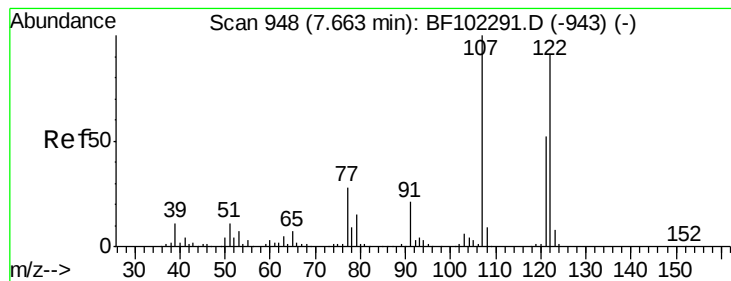
Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

65 45.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.127 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :
BNA_F
ClientSampled :

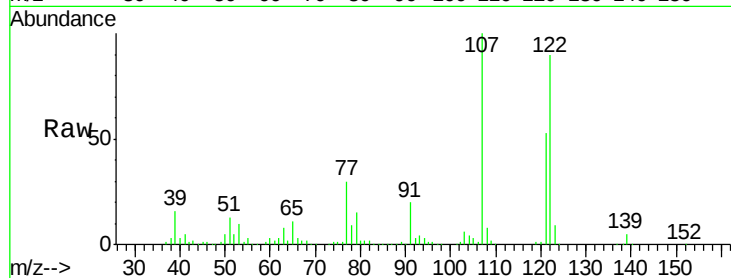
Tot Ion:122 Resp: 415900

Ion Ratio Lower Upper

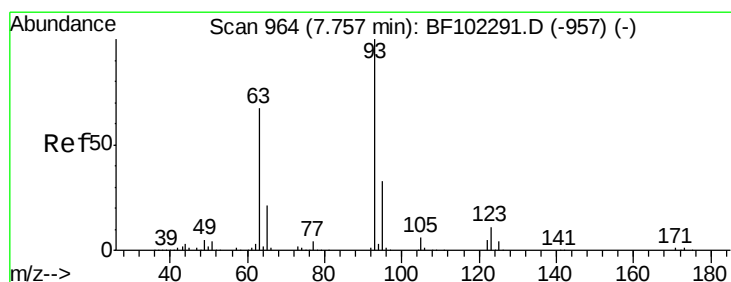
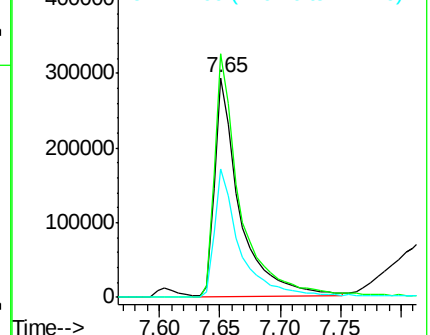
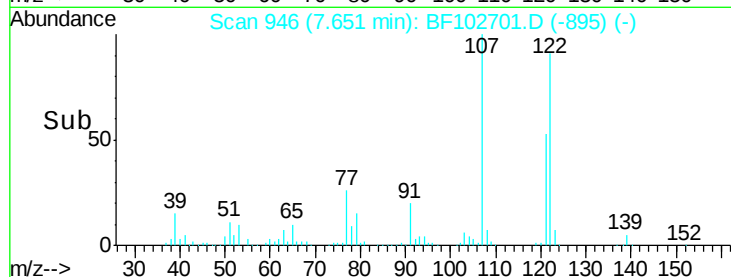
122 100

107 110.8 91.2 136.8

121 58.3 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: 41.384 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

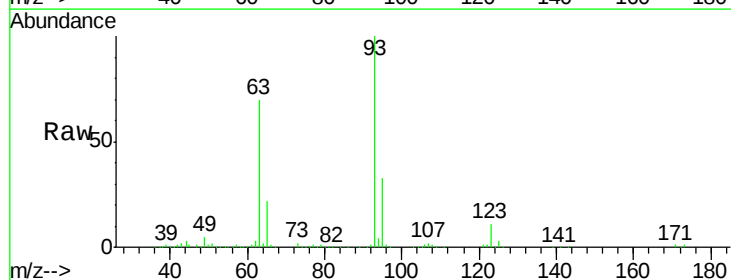
Tgt Ion: 93 Resp: 619414

Ion Ratio Lower Upper

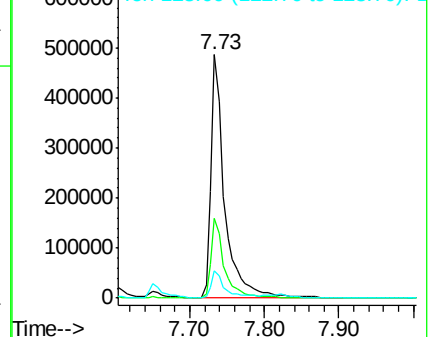
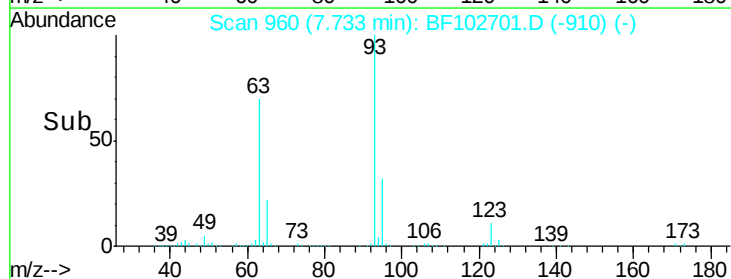
93 100

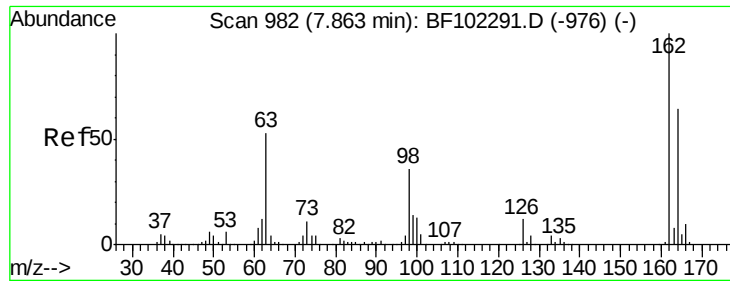
95 32.5 26.3 39.5

123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

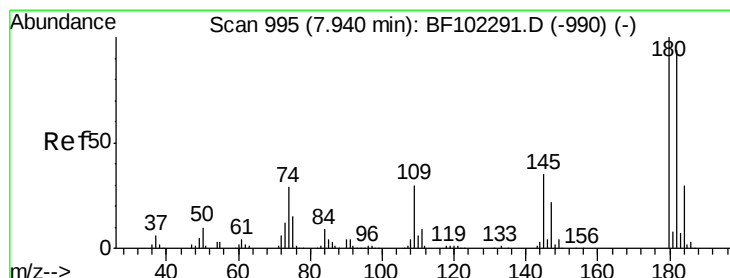
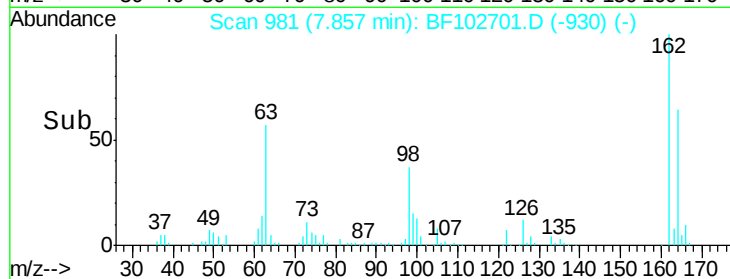
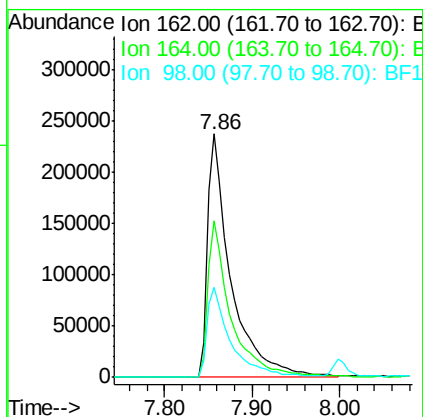
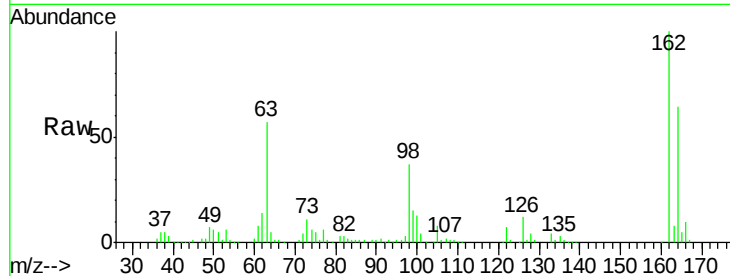




#29
 2,4-Dichlorophenol
 Concen: 40.539 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

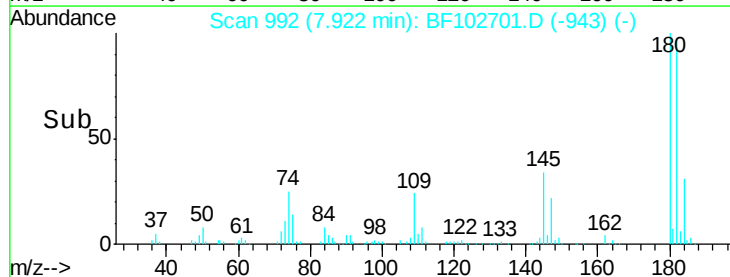
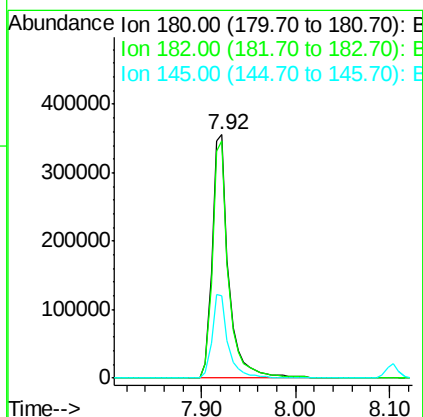
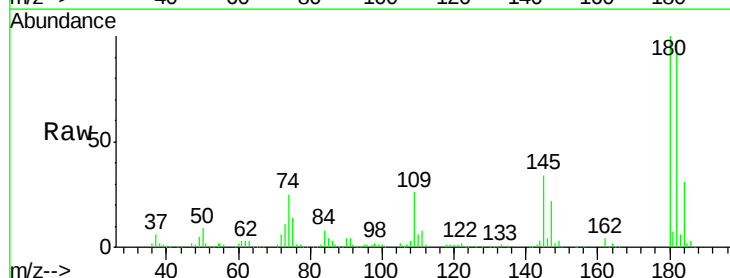
Instrument :
 BNA_F
 ClientSampleID :

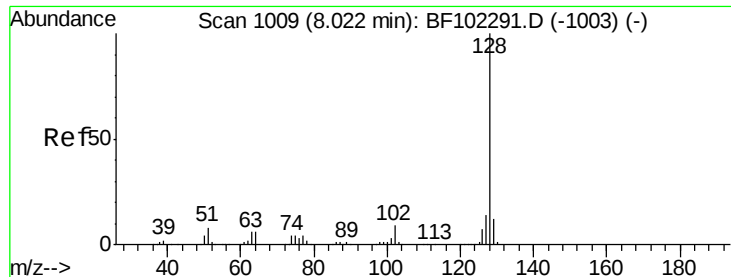
Tot Ion:162 Resp: 438933
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 37.2 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.202 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:180 Resp: 443402
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.8 115.2
 145 33.6 26.5 39.7

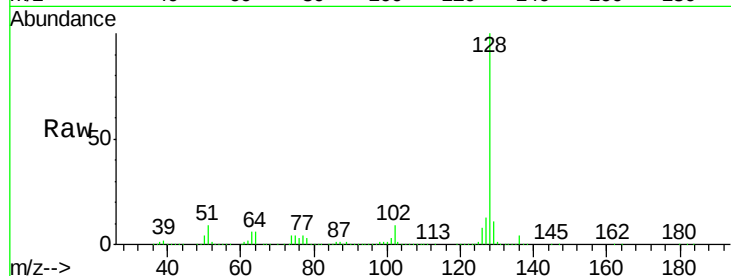




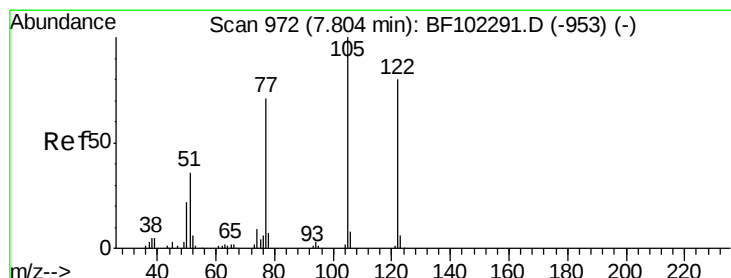
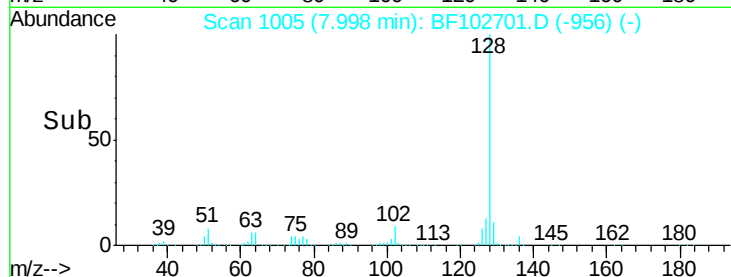
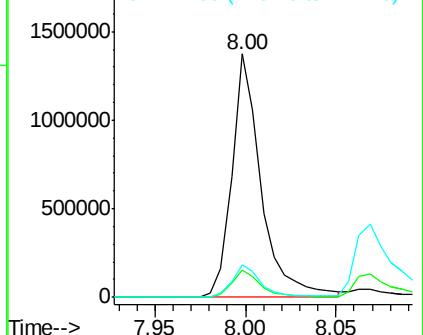
#31
Naphthalene
Concen: 39.761 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1550536
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.9 16.3

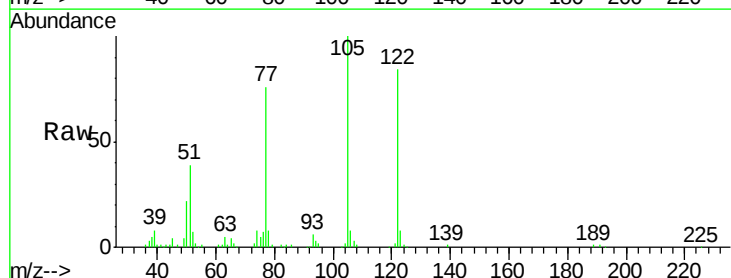


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

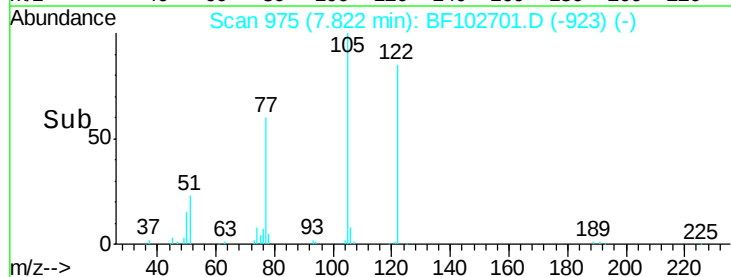
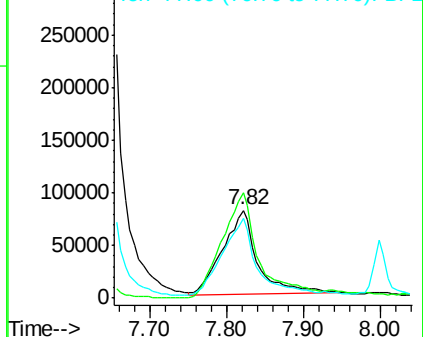


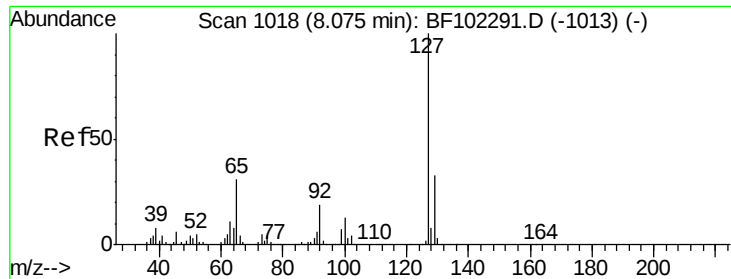
#32
Benzoic acid
Concen: 29.081 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:122 Resp: 258984
Ion Ratio Lower Upper
122 100
105 119.7 101.1 141.1
77 91.5 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

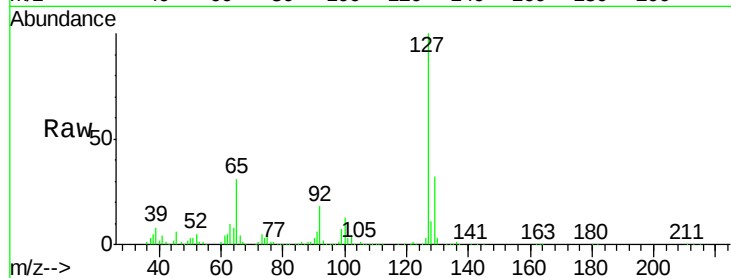




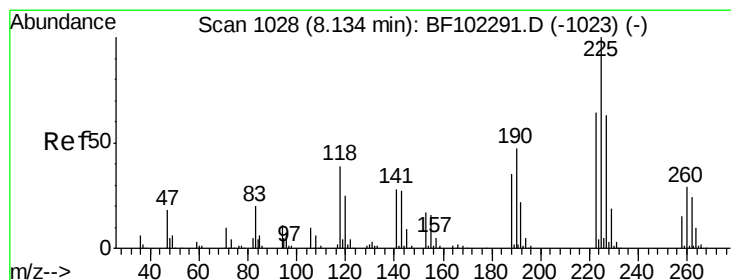
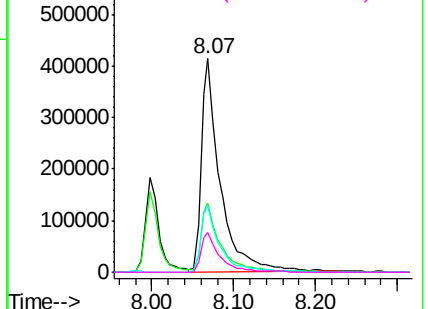
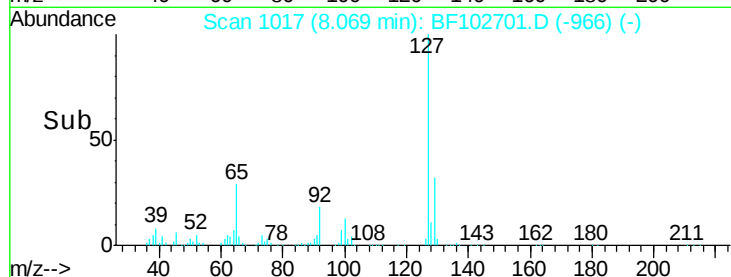
#33
4-Chloroaniline
Concen: 40.597 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	665723
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	30.9	25.0	37.4
92	18.3	15.2	22.8

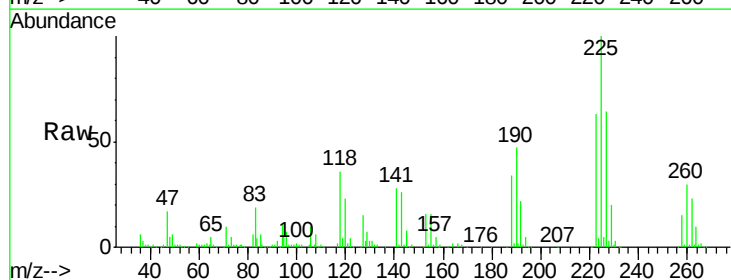


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

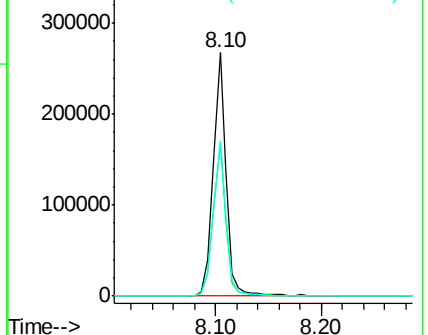
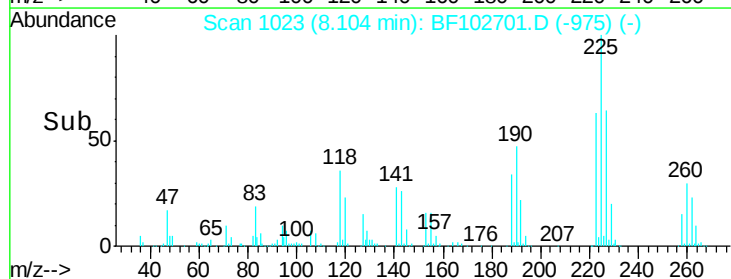


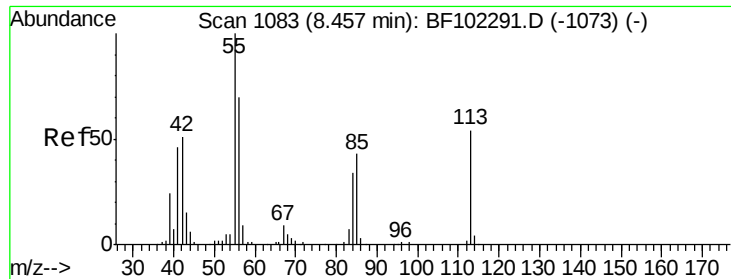
#34
Hexachlorobutadiene
Concen: 38.151 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:	225	Resp:	236501
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

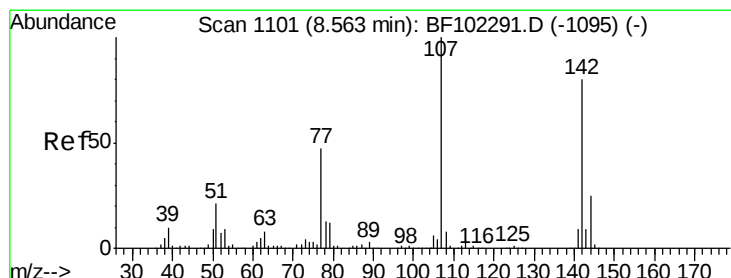
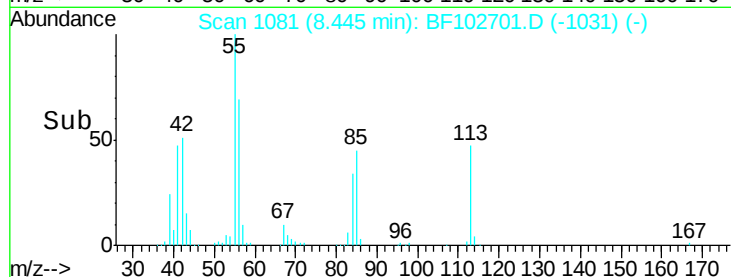
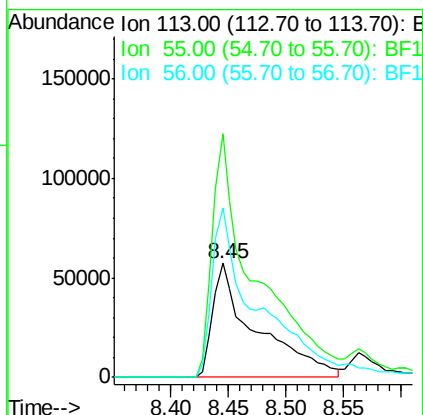
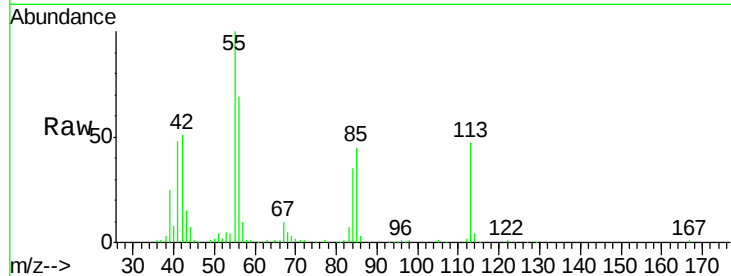




#35
Caprolactam
Concen: 41.912 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

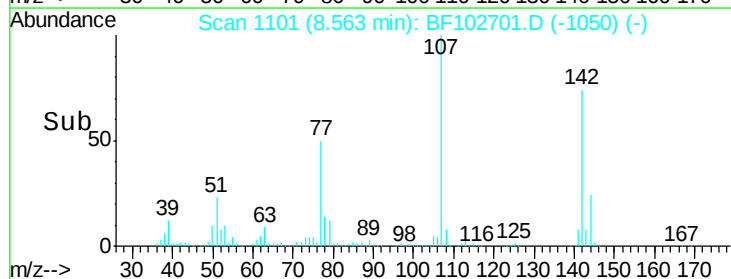
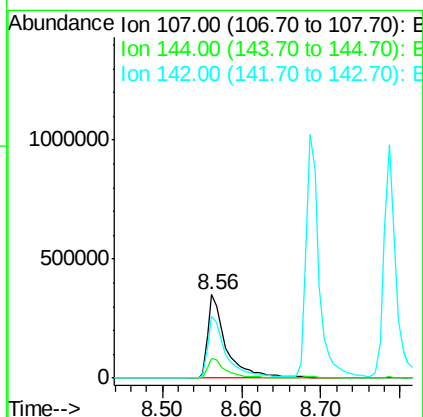
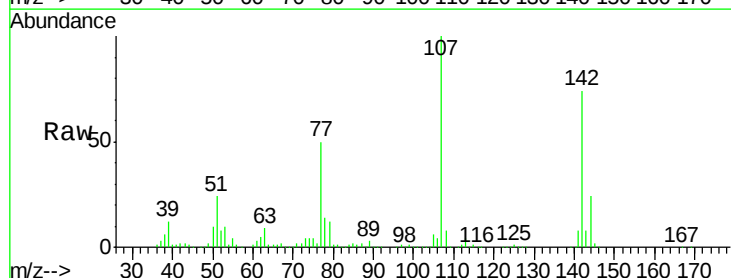
Instrument :
BNA_F
ClientSampled :

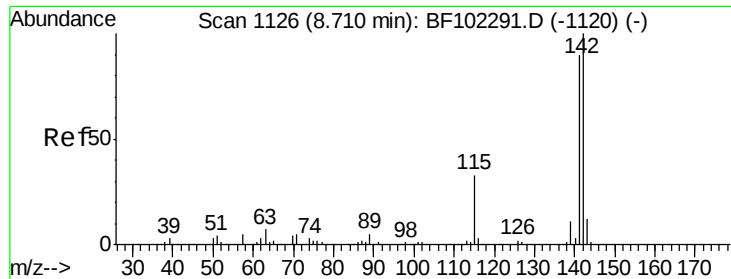
Tot Ion:113 Resp: 149874
Ion Ratio Lower Upper
113 100
55 213.9 163.3 203.3#
56 148.4 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 49.573 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:107 Resp: 565778
Ion Ratio Lower Upper
107 100
144 24.1 20.5 30.7
142 73.6 62.0 93.0

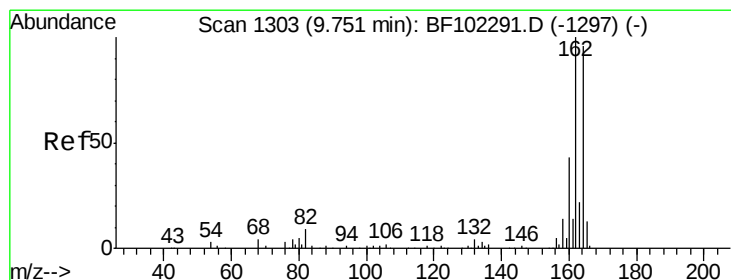
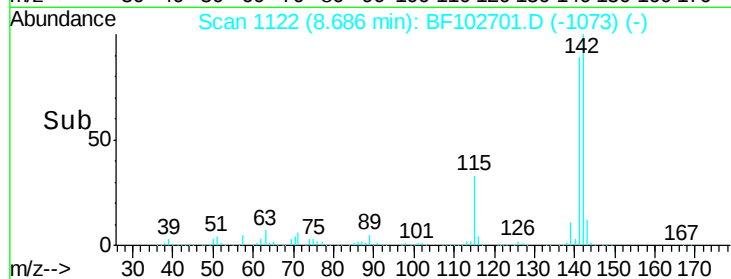
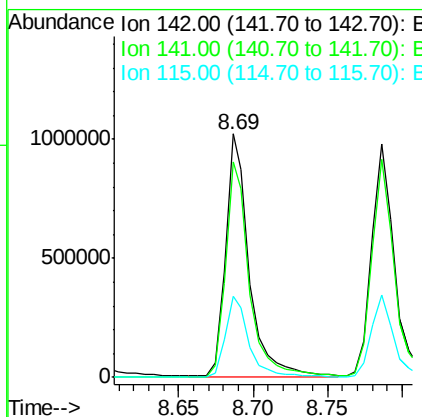
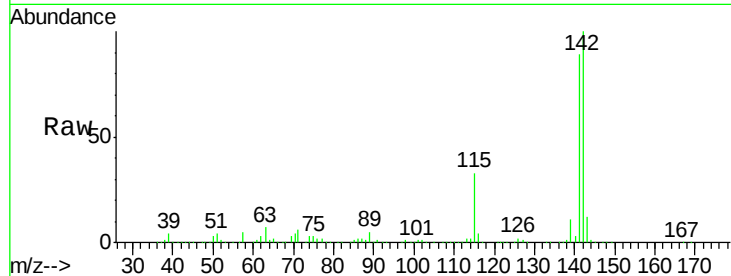




#37
 2-Methylnaphthalene
 Concen: 44.304 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

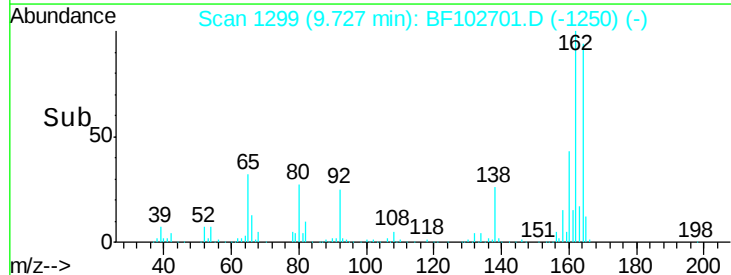
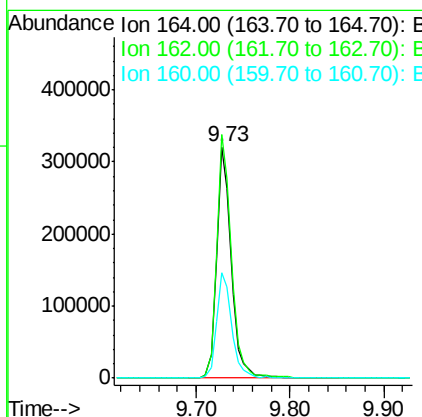
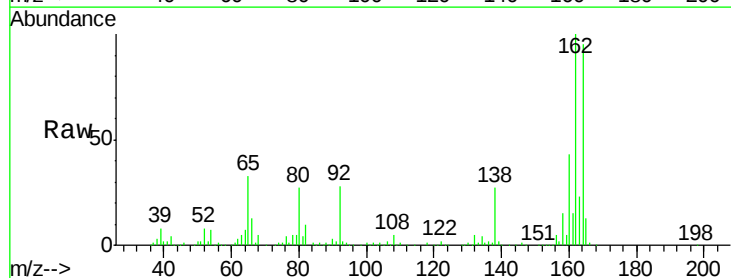
Instrument :
 BNA_F
 ClientSampleId :

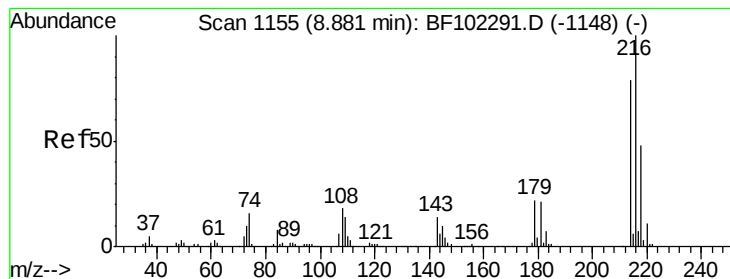
Tot Ion:142 Resp: 1150599
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 33.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:164 Resp: 352435
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 45.5 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.569 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 451373

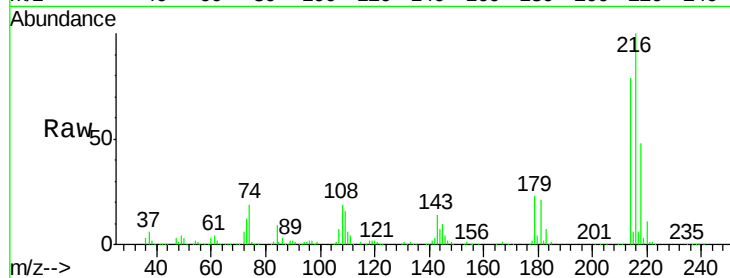
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 23.1 18.1 27.1

108 22.6 17.2 25.8

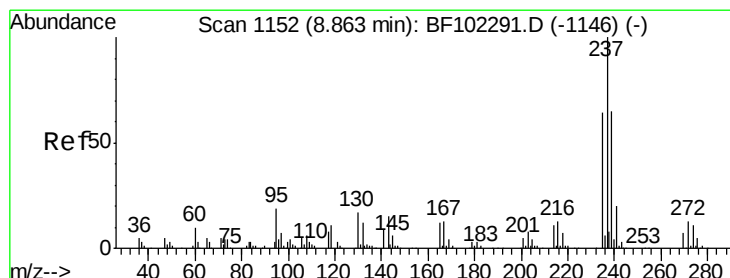
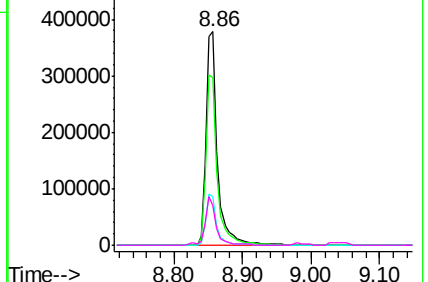
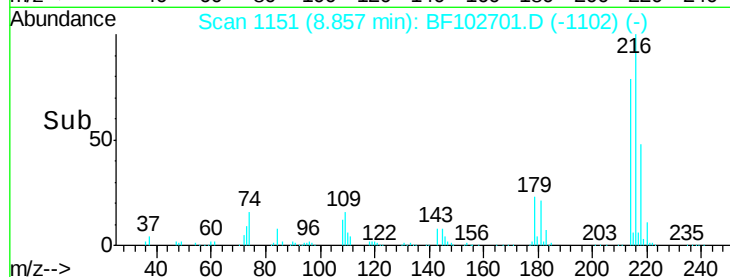


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.298 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

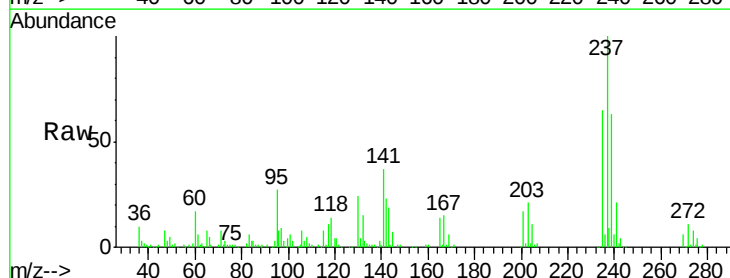
Tgt Ion:237 Resp: 91572

Ion Ratio Lower Upper

237 100

235 65.2 44.8 84.8

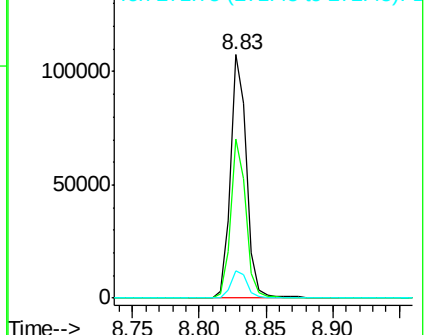
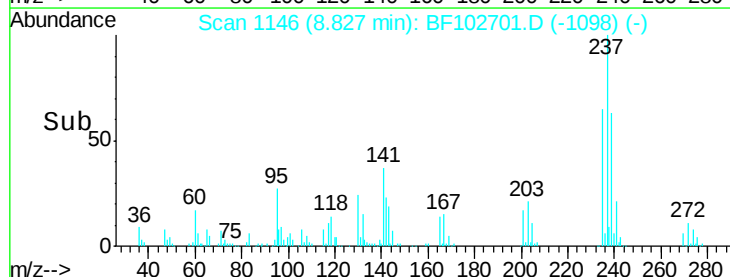
272 11.1 0.0 33.3

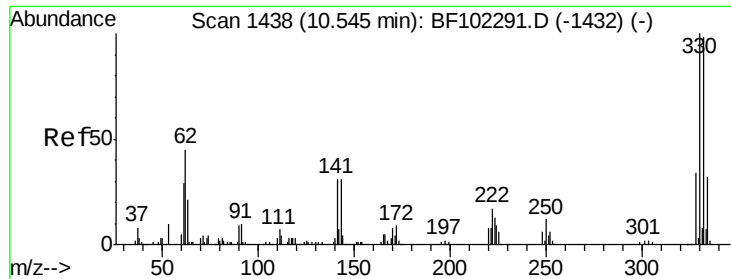


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

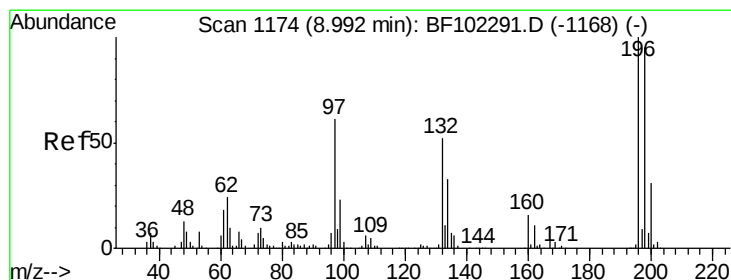
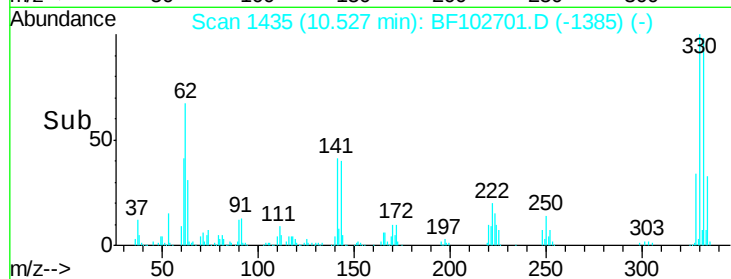
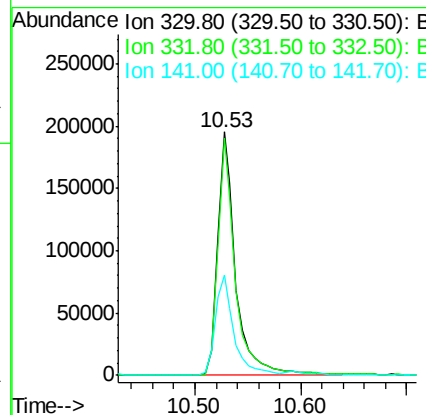
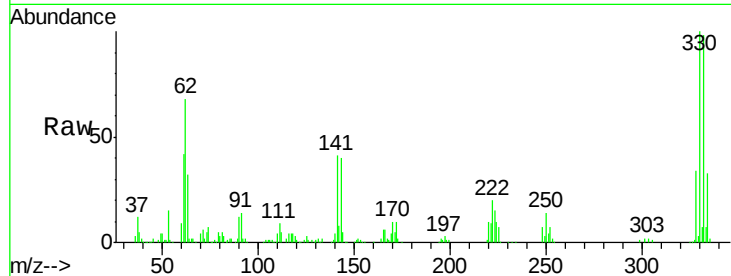




#41
 2,4,6-Tribromophenol
 Concen: 67.807 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

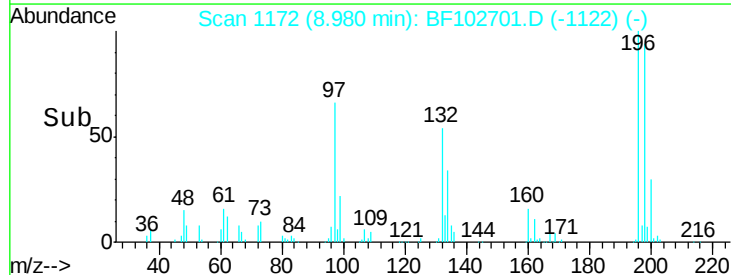
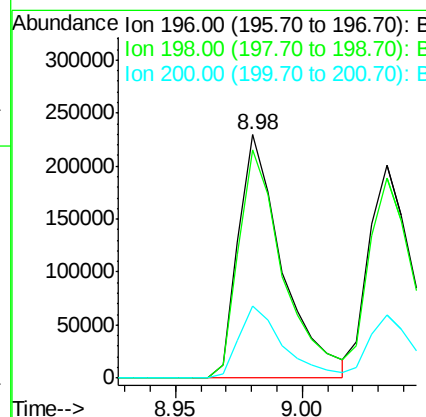
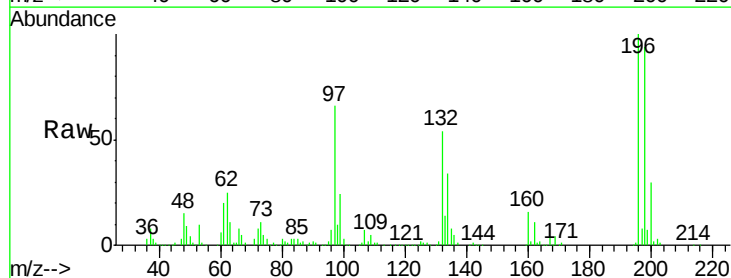
Instrument :
 BNA_F
 ClientSampled :

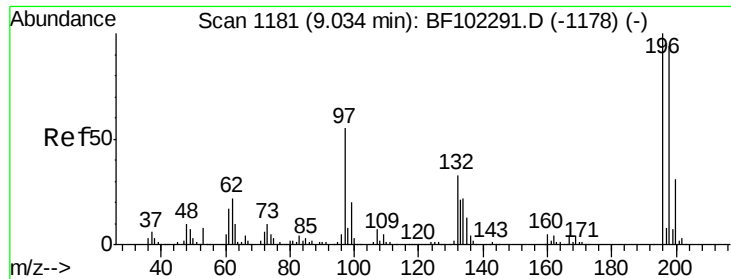
Tot Ion:330 Resp: 236790
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 42.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.134 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:196 Resp: 277779
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.5 24.5 36.7

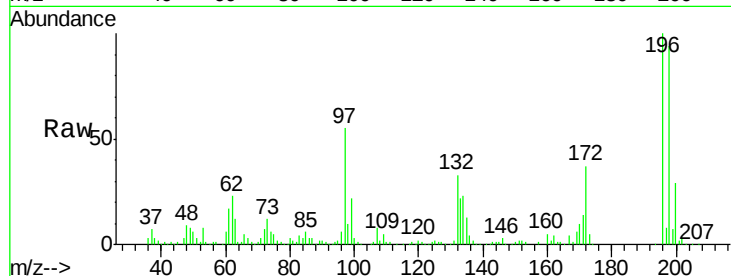




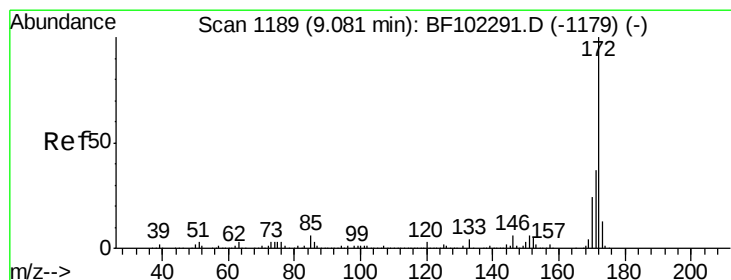
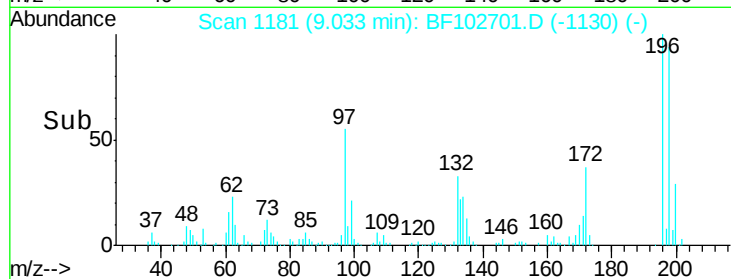
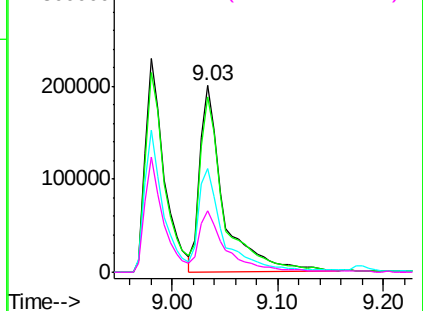
#43
 2,4,5-Trichlorophenol
 Concen: 38.764 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	309802
Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	55.5	42.9	64.3
132	33.0	26.3	39.5

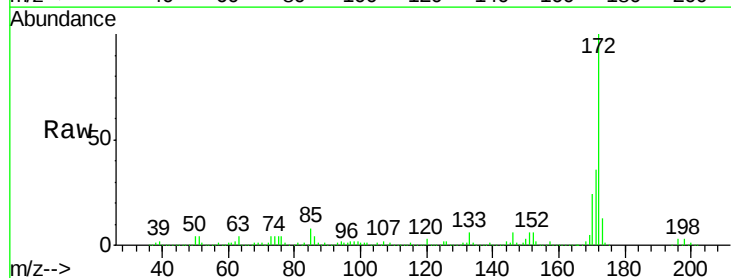


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

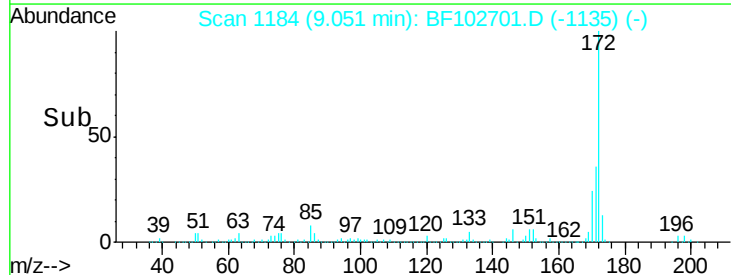
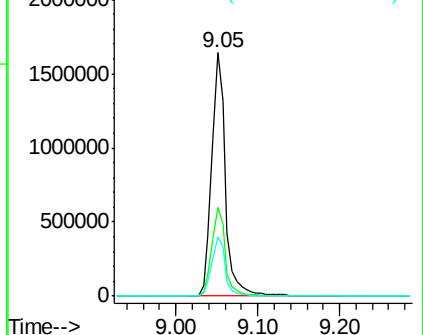


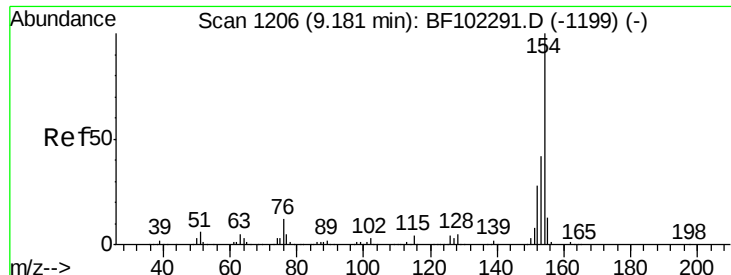
#44
 2-Fluorobiphenyl
 Concen: 80.078 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:	172	Resp:	1919419
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

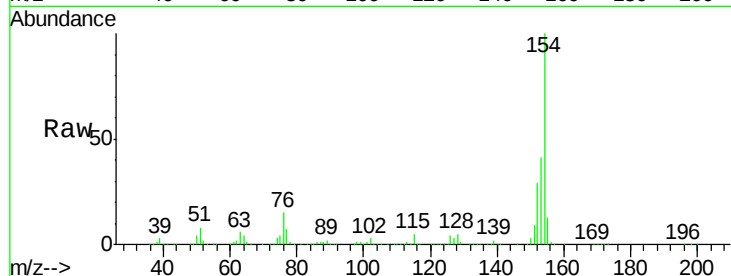




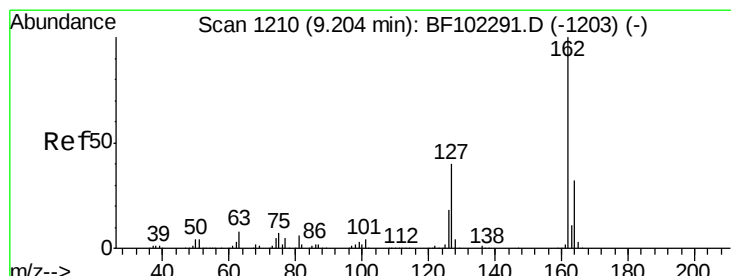
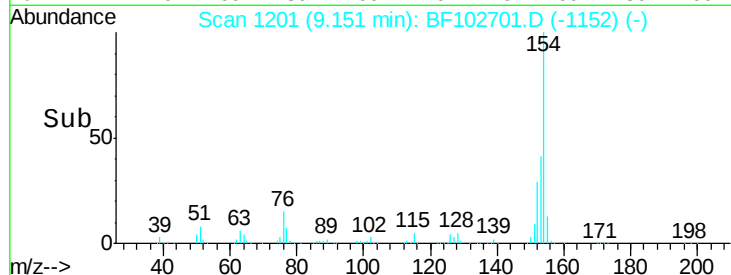
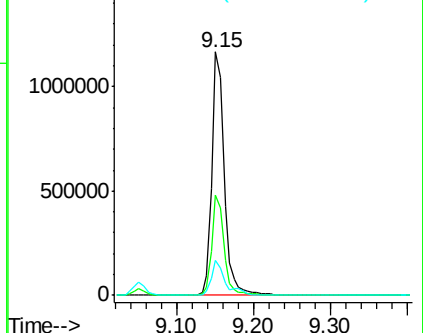
#45
 1,1'-Biphenyl
 Concen: 40.896 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1288761
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 14.5 0.0 34.0

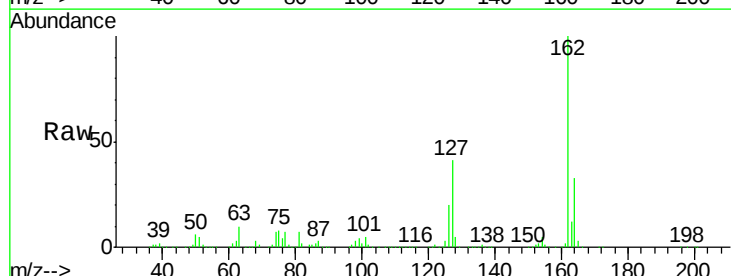


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

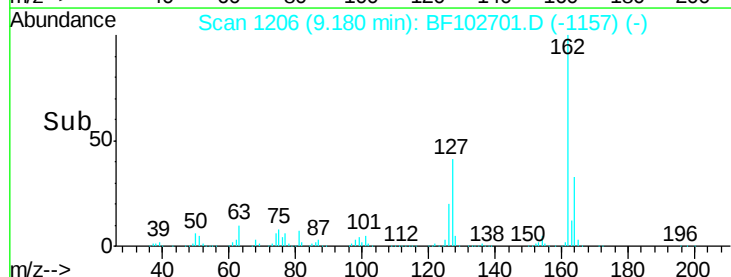
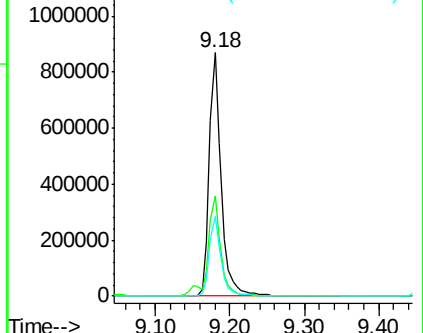


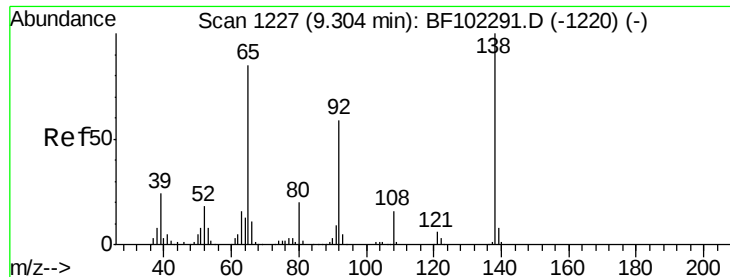
#46
 2-Chloronaphthalene
 Concen: 39.460 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:162 Resp: 966576
 Ion Ratio Lower Upper
 162 100
 127 41.3 33.9 50.9
 164 32.9 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

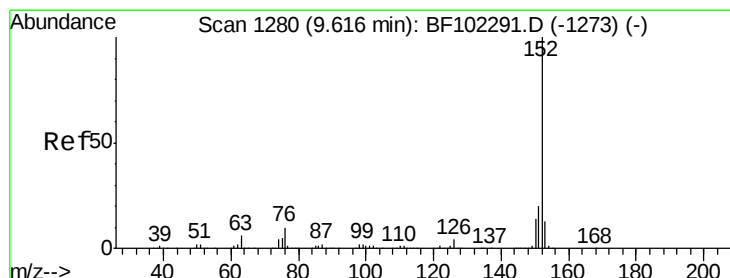
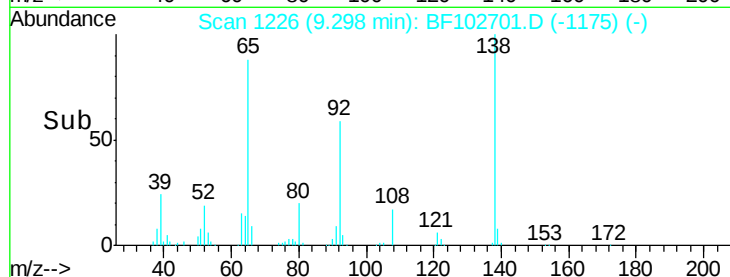
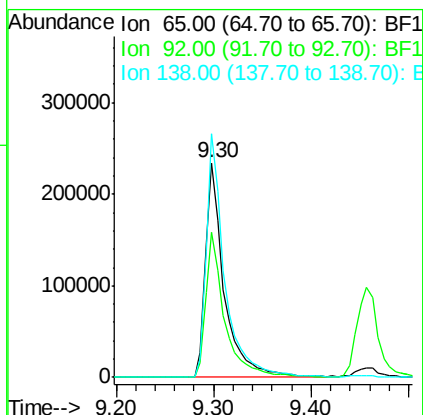
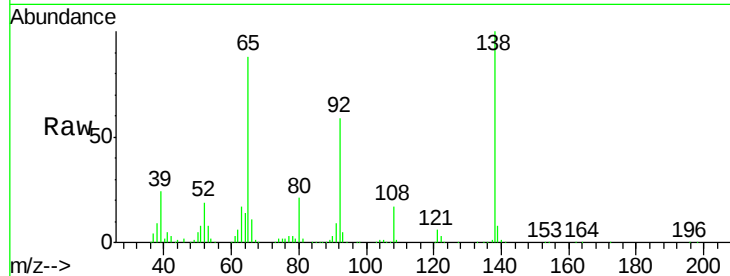




#47
2-Nitroaniline
Concen: 41.115 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

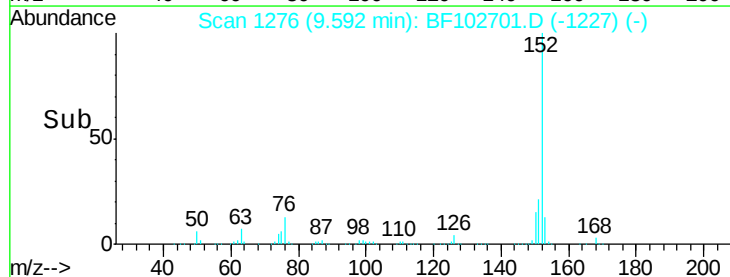
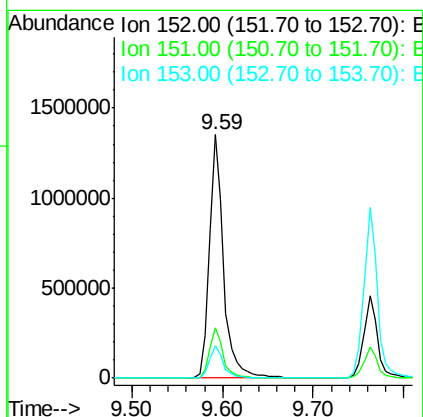
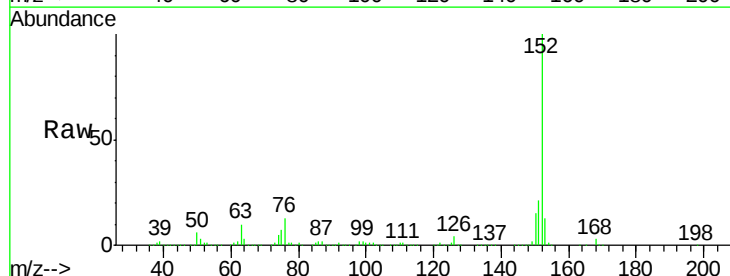
Instrument :
BNA_F
ClientSampleId :

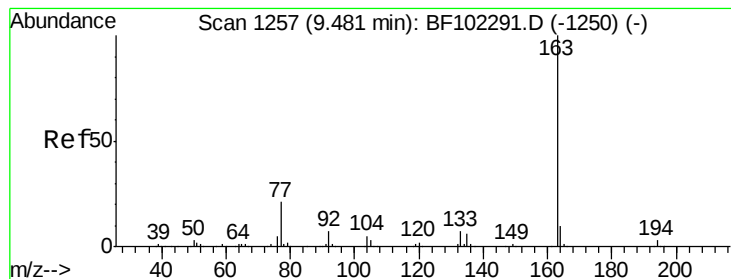
Tot Ion: 65 Resp: 313986
Ion Ratio Lower Upper
65 100
92 67.4 55.8 83.6
138 113.6 91.2 136.8



#48
Acenaphthylene
Concen: 39.087 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion: 152 Resp: 1491632
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 37.000 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

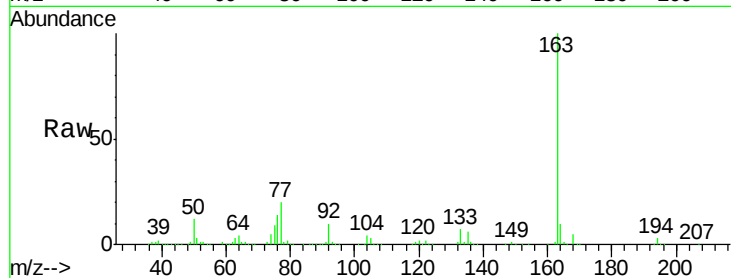
Tot Ion:163 Resp: 1077859

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

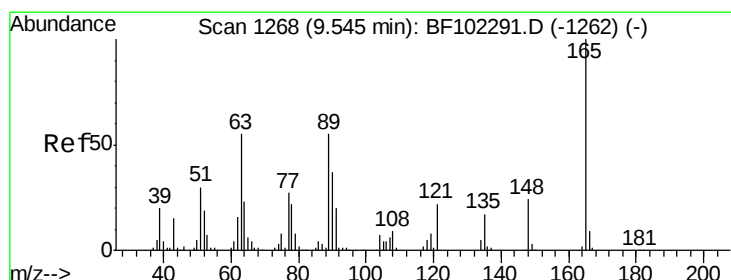
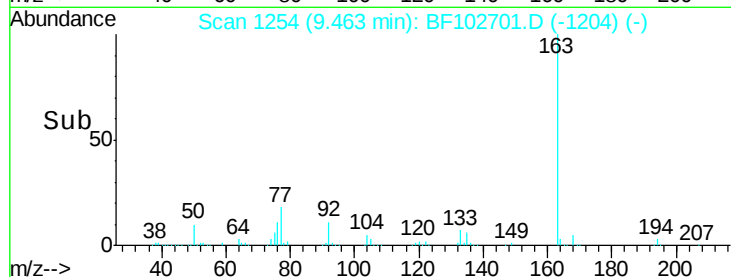
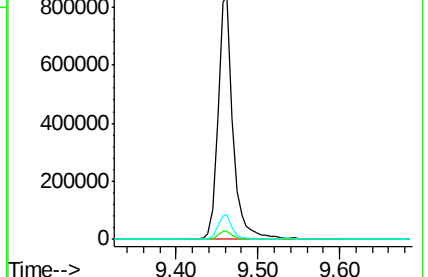
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.676 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

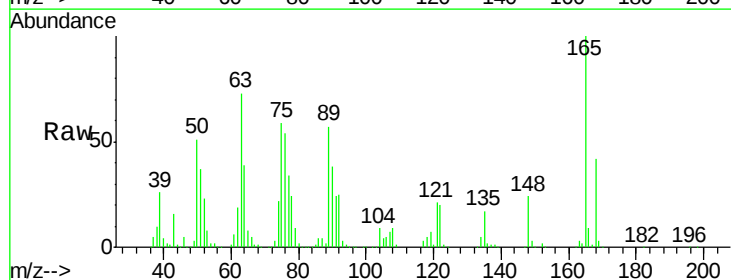
Tgt Ion:165 Resp: 242910

Ion Ratio Lower Upper

165 100

63 72.5 44.7 67.1#

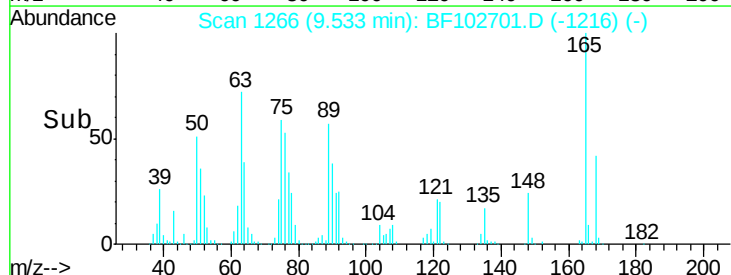
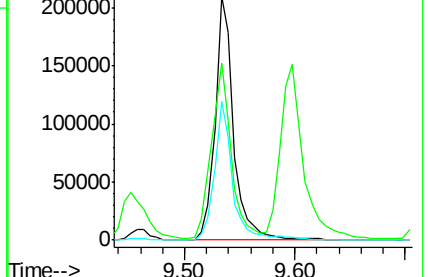
89 57.0 44.0 66.0

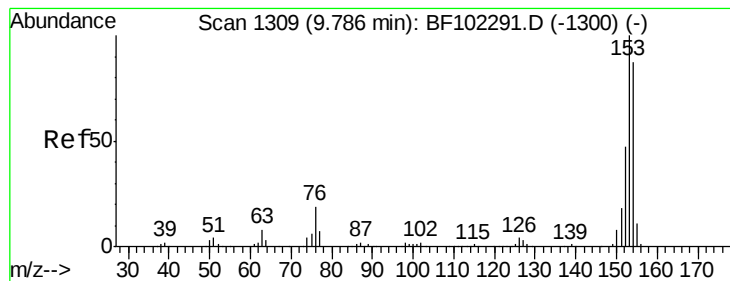


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.192 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

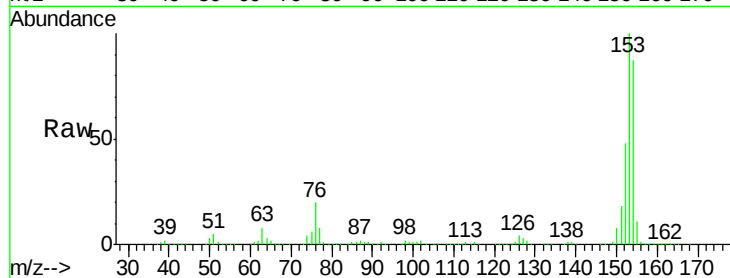
Tot Ion:154 Resp: 873487

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

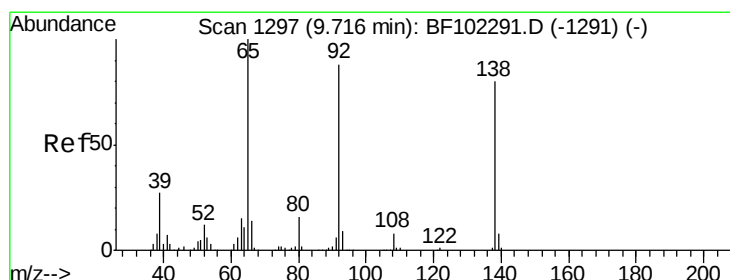
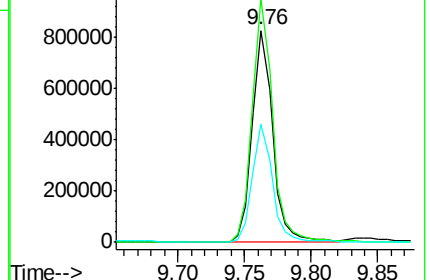
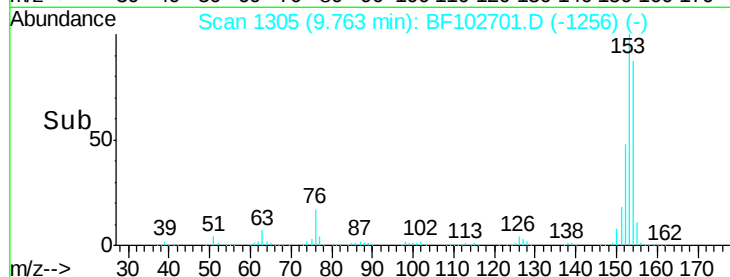
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.325 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

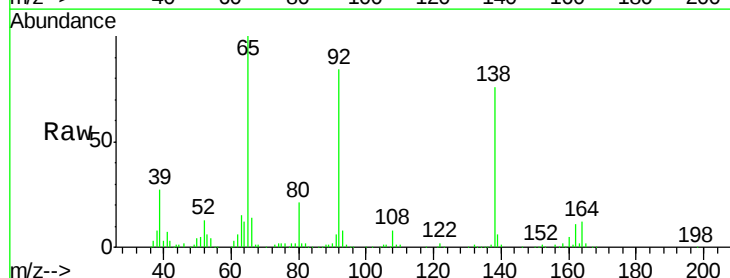
Tgt Ion:138 Resp: 292181

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

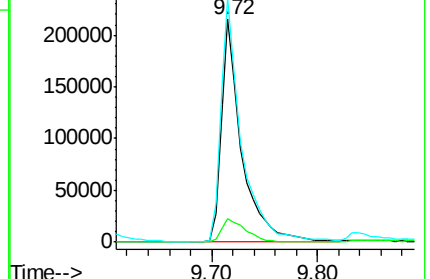
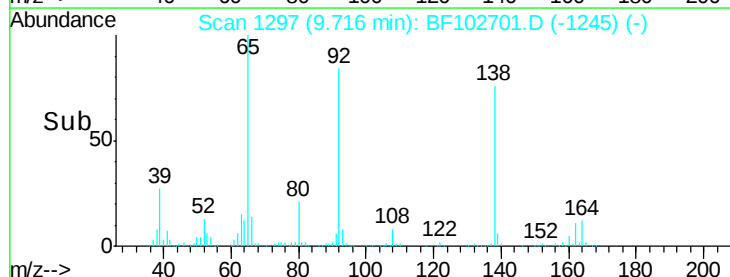
92 109.2 89.4 134.2

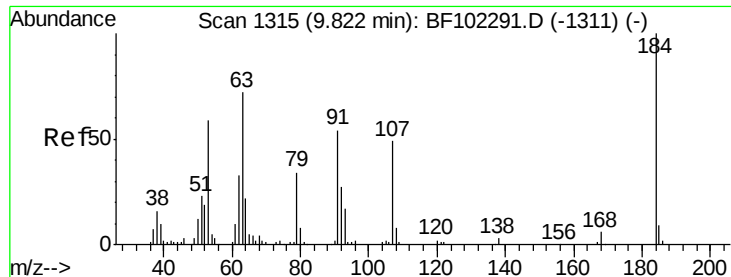


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

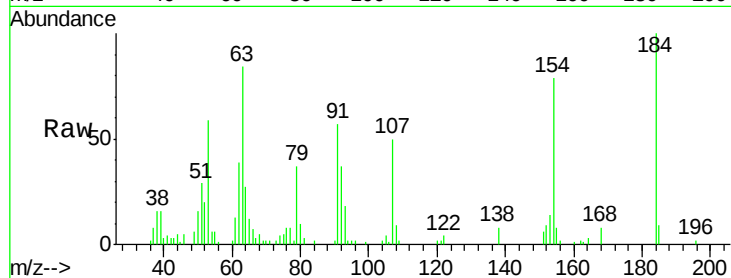




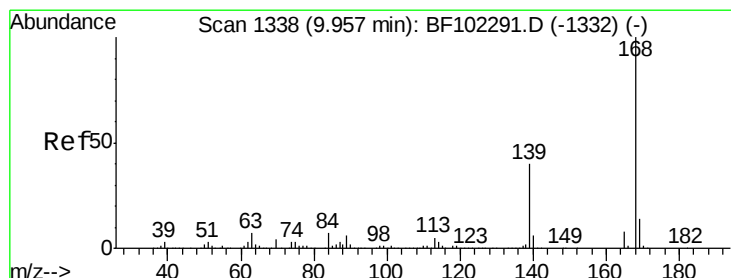
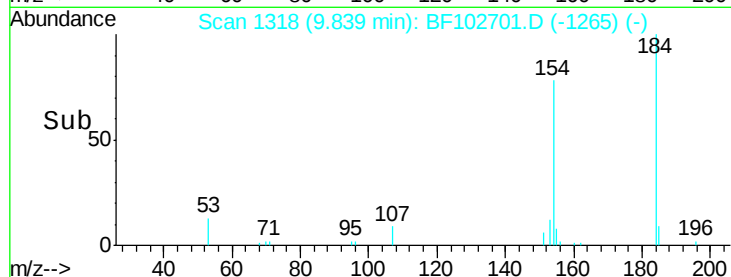
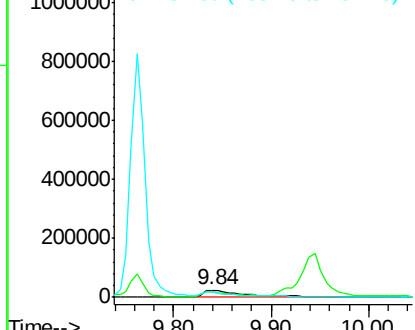
#53
2,4-Dinitrophenol
Concen: 29.132 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 75150
Ion Ratio Lower Upper
184 100
63 83.9 54.2 81.2#
154 79.2 184.0 276.0#

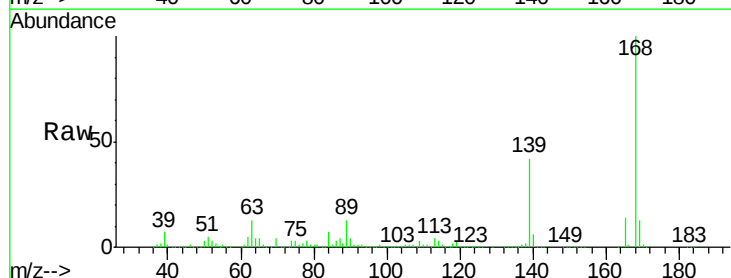


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

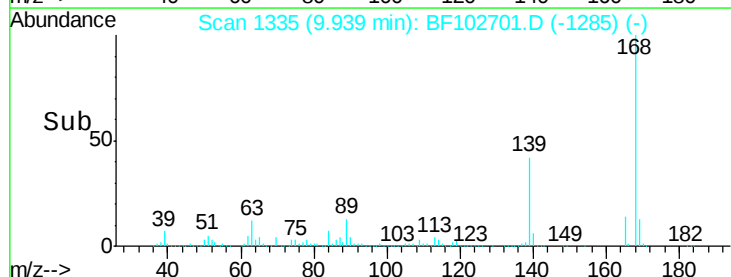
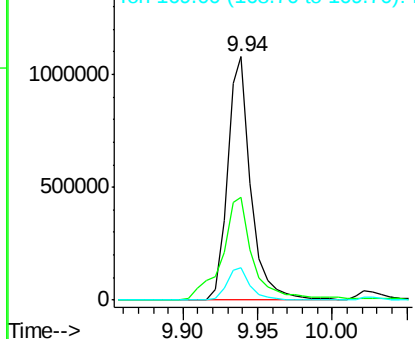


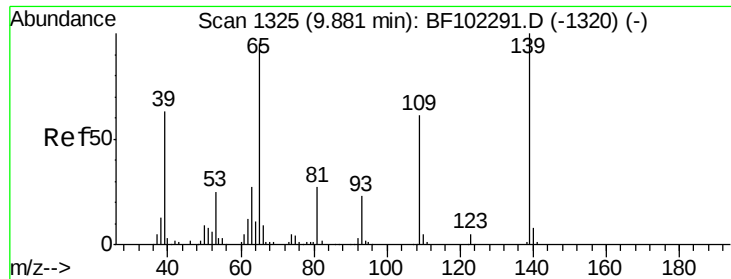
#54
Dibenzofuran
Concen: 39.247 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:168 Resp: 1183819
Ion Ratio Lower Upper
168 100
139 42.2 30.1 45.1
169 13.5 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

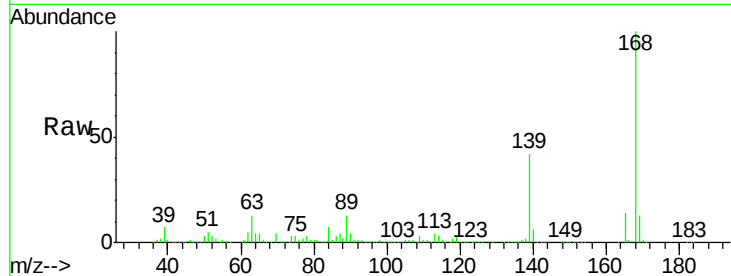




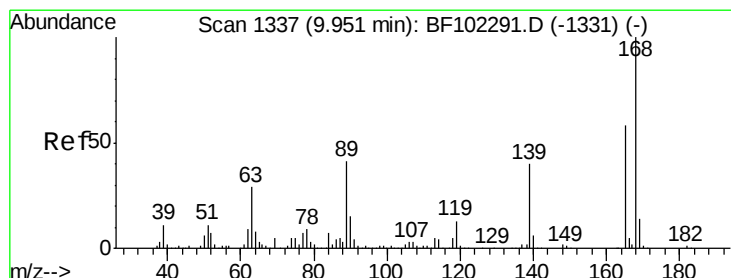
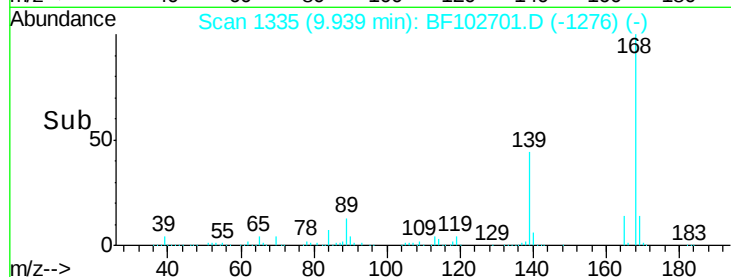
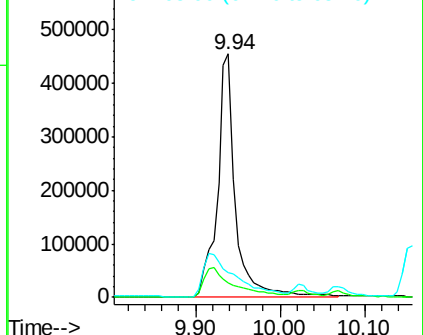
#55
4-Nitrophenol
Concen: 141.114 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 692092
Ion Ratio Lower Upper
139 100
109 5.9 48.4 88.4#
65 10.3 72.6 112.6#

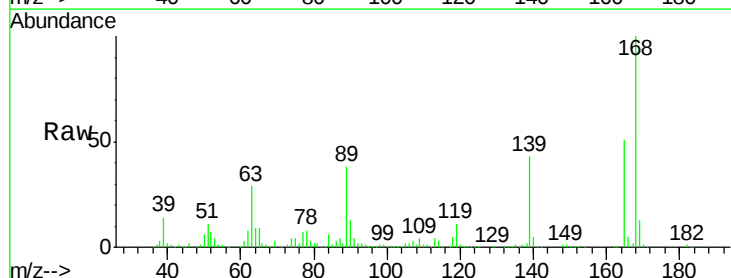


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

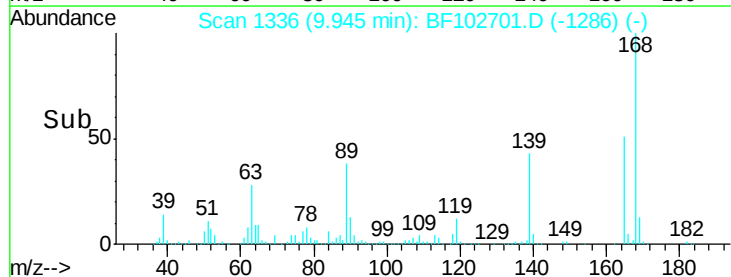
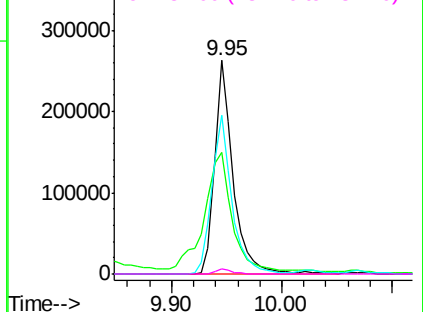


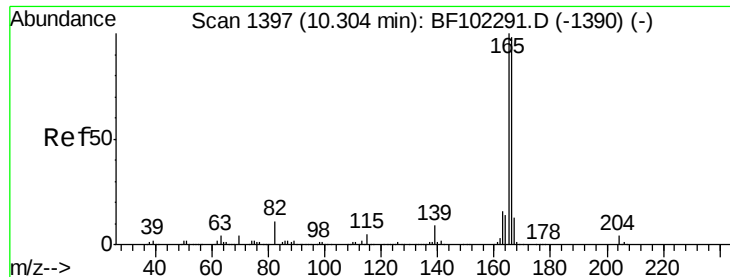
#56
2,4-Dinitrotoluene
Concen: 39.234 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:165 Resp: 303026
Ion Ratio Lower Upper
165 100
63 57.2 36.4 54.6#
89 74.1 57.8 86.6
182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

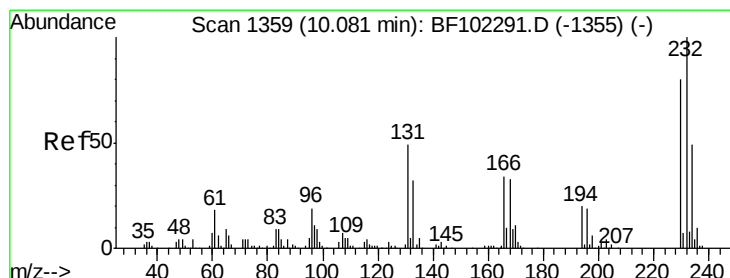
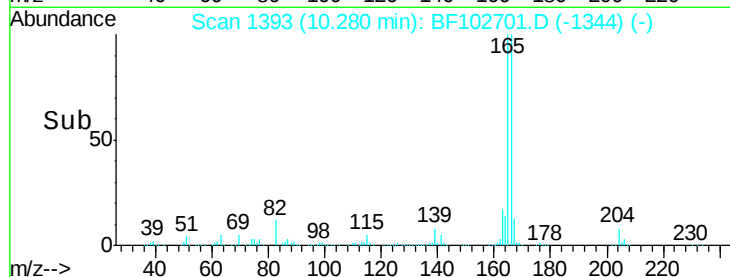
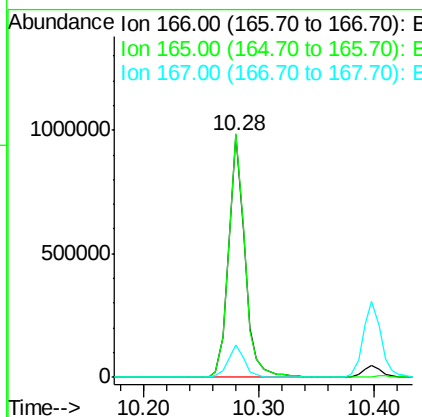
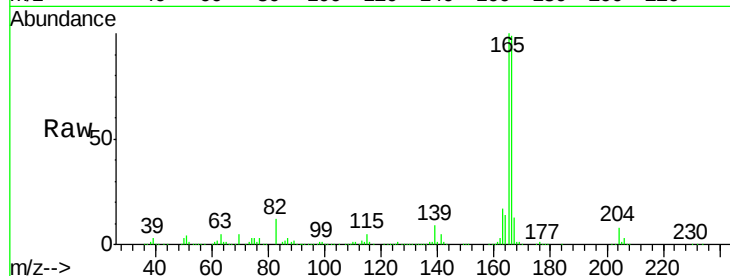




#57
 Fluorene
 Concen: 39.957 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

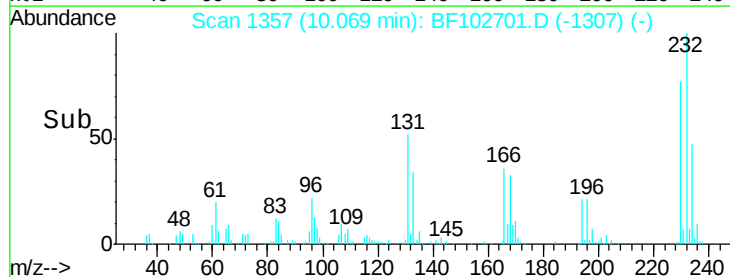
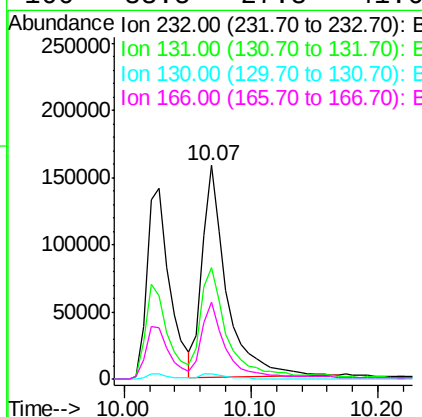
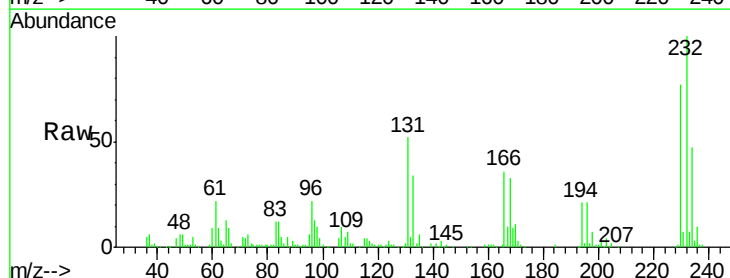
Instrument :
 BNA_F
 ClientSampled :

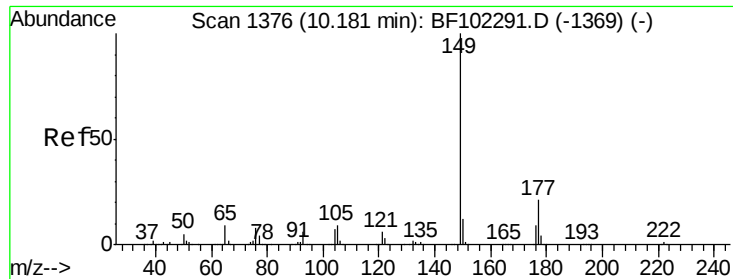
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.870 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.0	43.8	65.8
130	2.6	2.1	3.1
166	33.5	27.8	41.6

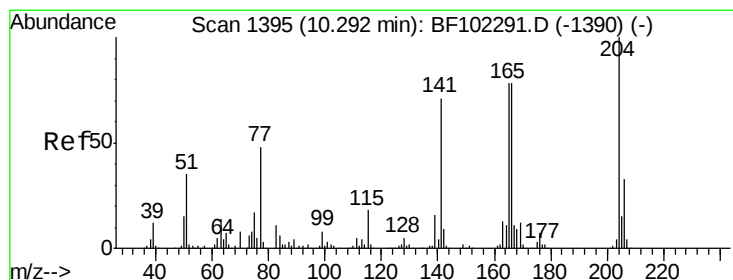
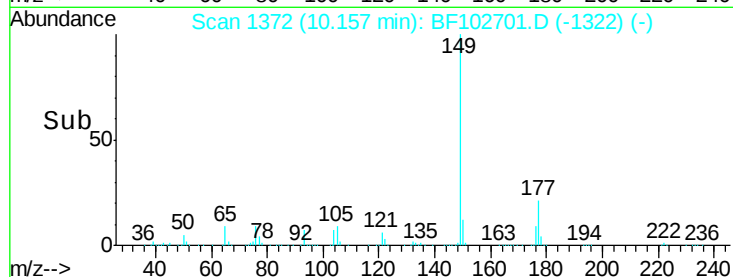
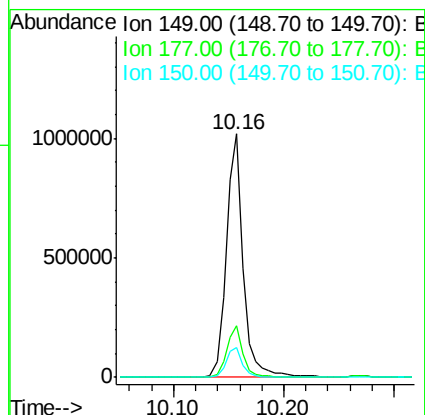
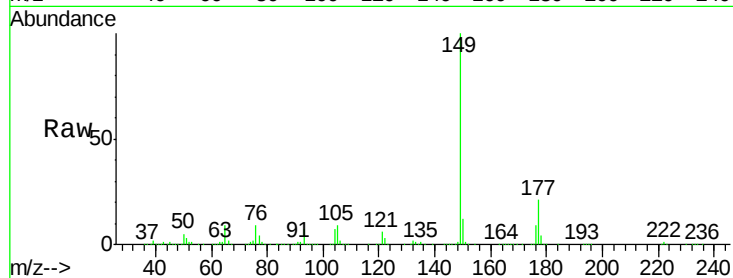




#59
Diethylphthalate
Concen: 38.336 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

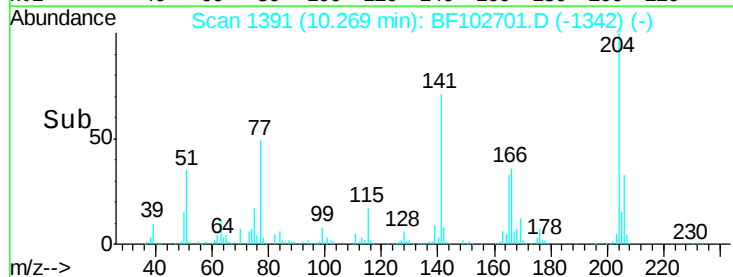
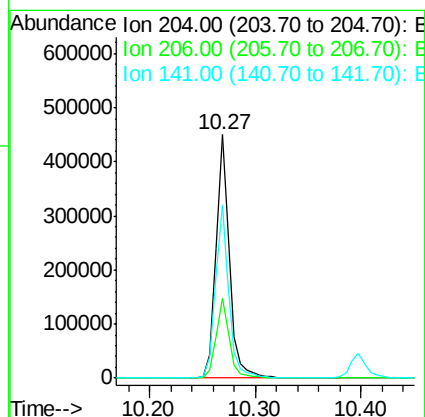
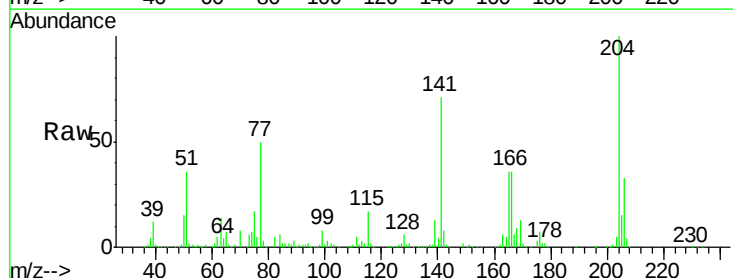
Instrument :
BNA_F
ClientSampled :

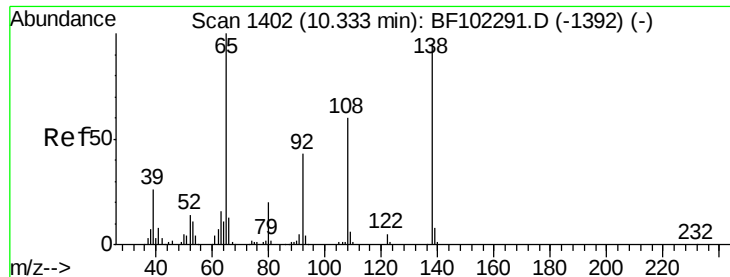
Tot Ion:149 Resp: 1085233
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.918 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:204 Resp: 413658
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 71.0 54.6 81.8

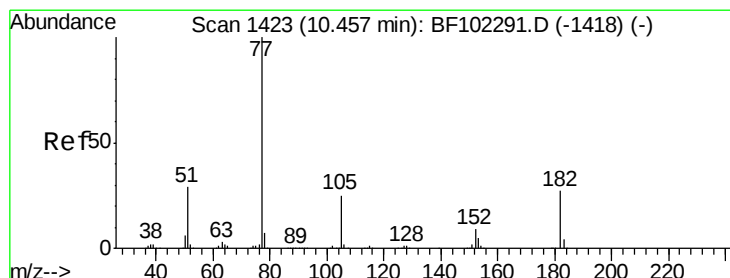
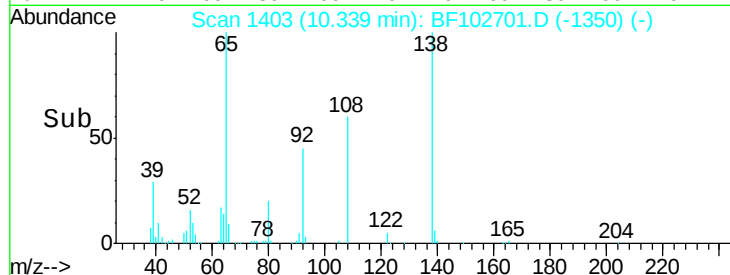
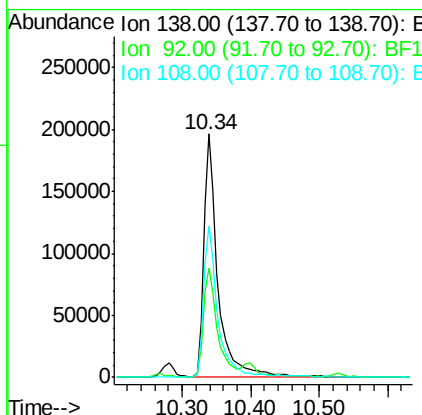
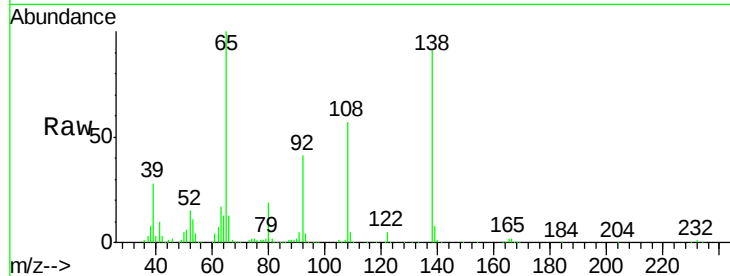




#61
4-Nitroaniline
Concen: 38.410 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

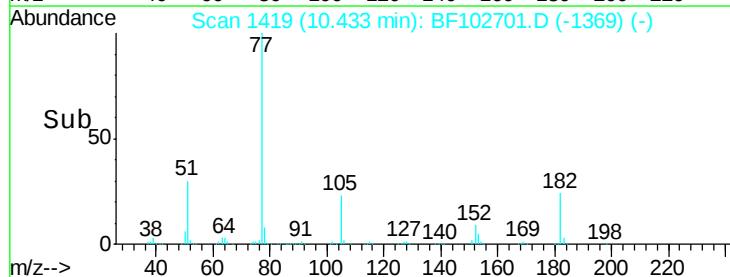
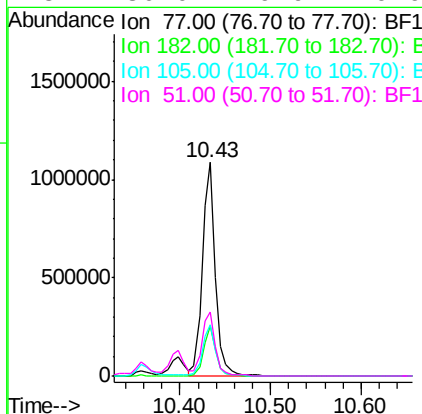
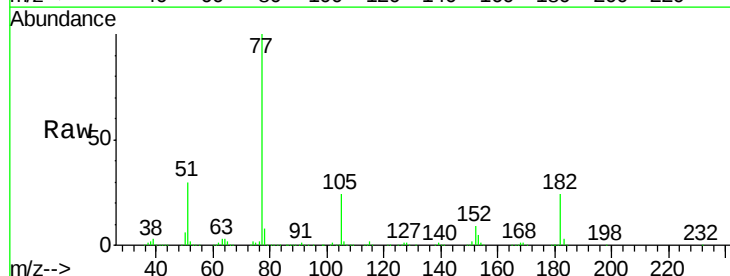
Instrument :
BNA_F
ClientSampled :

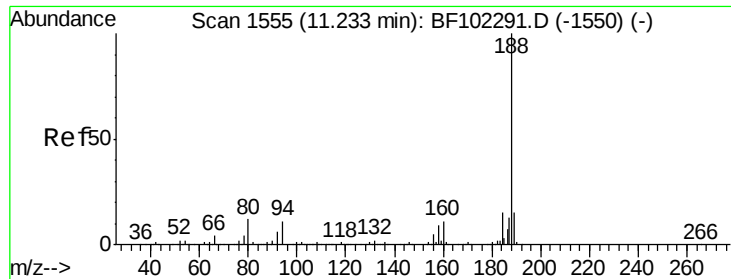
Tot Ion:138 Resp: 284772
Ion Ratio Lower Upper
138 100
92 45.0 30.2 70.2
108 62.5 52.5 92.5



#62
Azobenzene
Concen: 42.016 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion: 77 Resp: 1088960
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.1 3.0 43.0
51 30.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

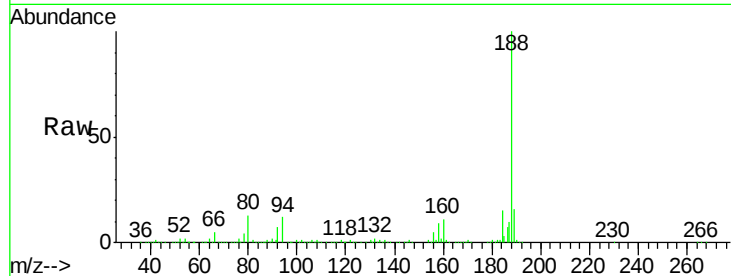
Tot Ion:188 Resp: 594697

Ion Ratio Lower Upper

188 100

94 12.3 8.5 12.7

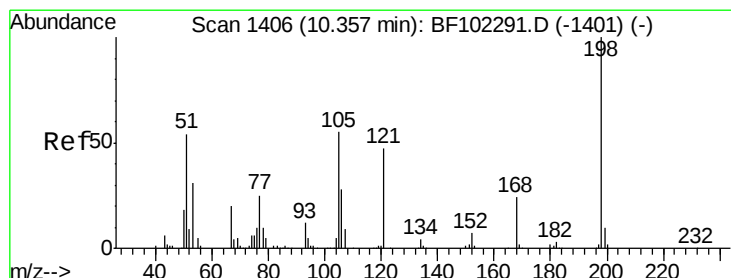
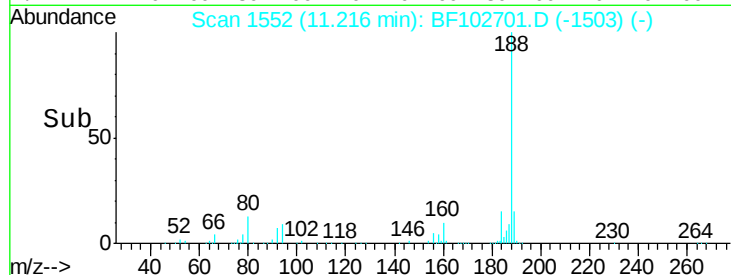
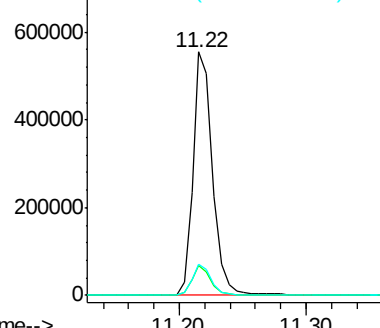
80 13.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

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: 35.579 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

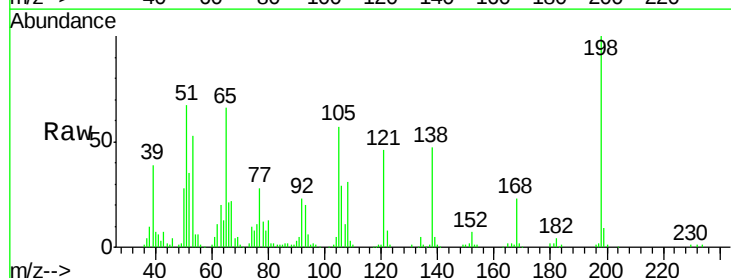
Tgt Ion:198 Resp: 141162

Ion Ratio Lower Upper

198 100

51 66.8 37.7 77.7

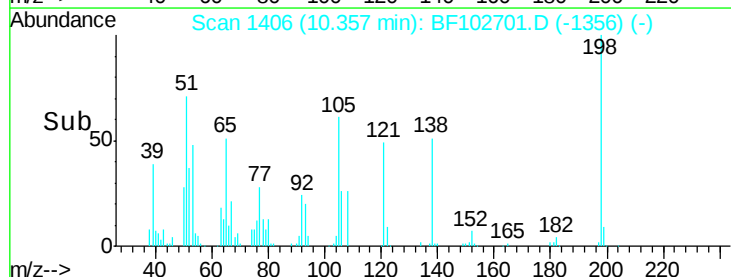
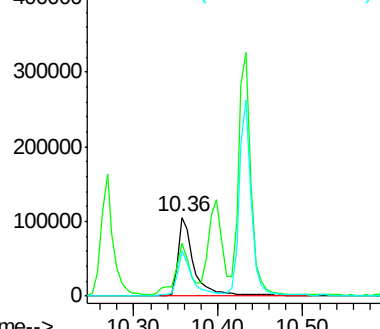
105 56.7 36.3 76.3

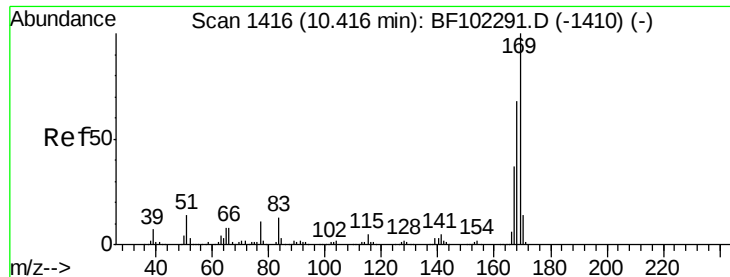


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

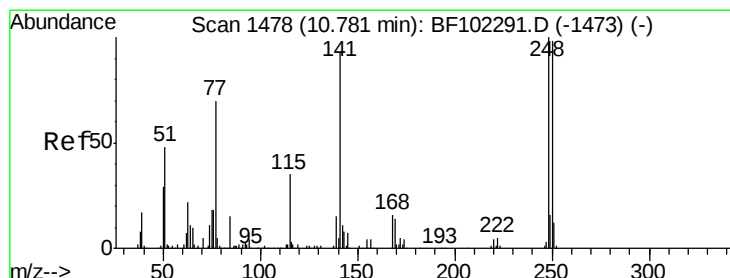
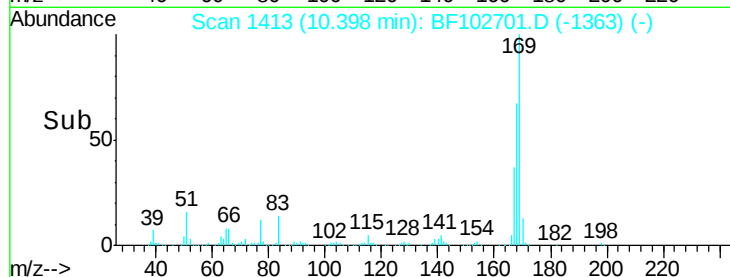
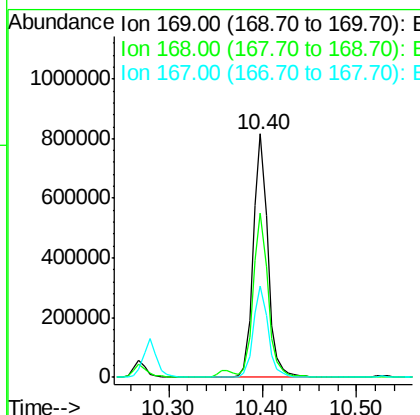
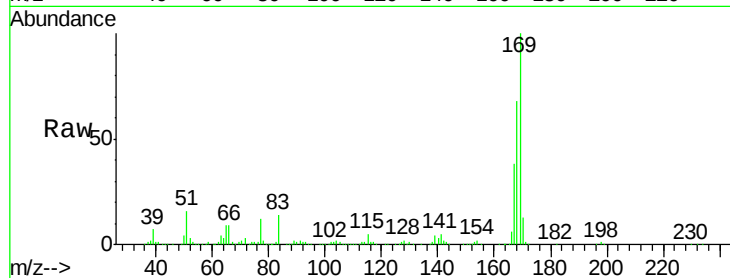




#65
 n-Nitrosodiphenylamine
 Concen: 40.141 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

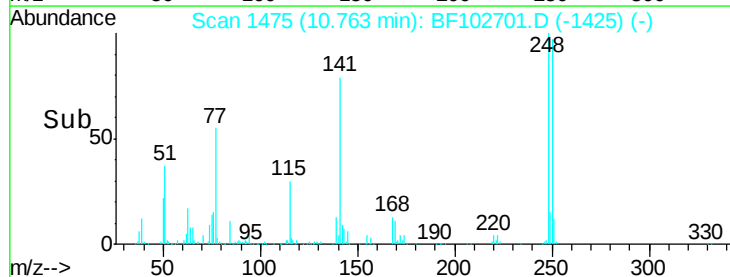
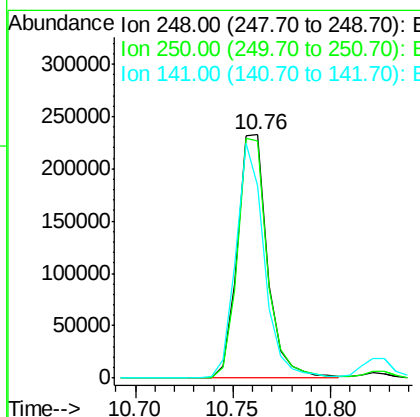
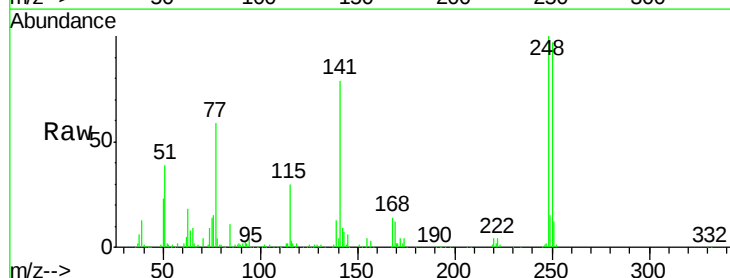
Instrument :
 BNA_F
 ClientSampleId :

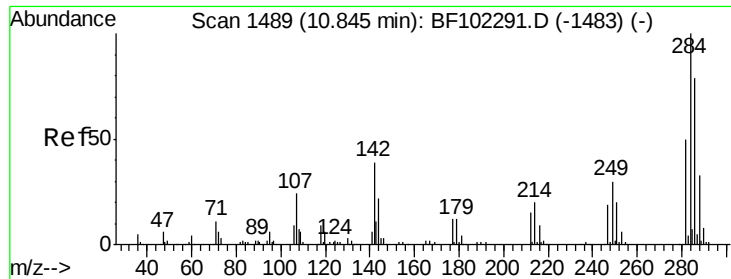
Tot Ion:169 Resp: 876188
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 37.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.933 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:248 Resp: 249243
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 79.2 74.4 111.6





#67

Hexachlorobenzene

Concen: 36.011 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

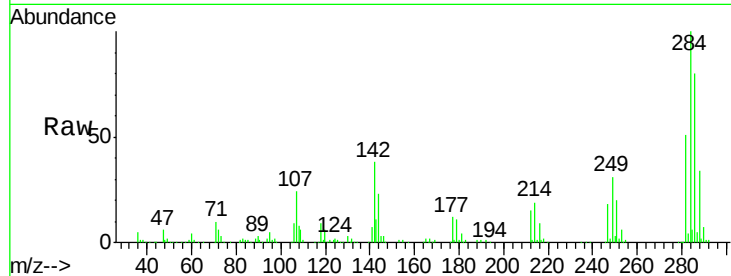
Tot Ion:284 Resp: 257831

Ion Ratio Lower Upper

284 100

142 38.3 34.6 52.0

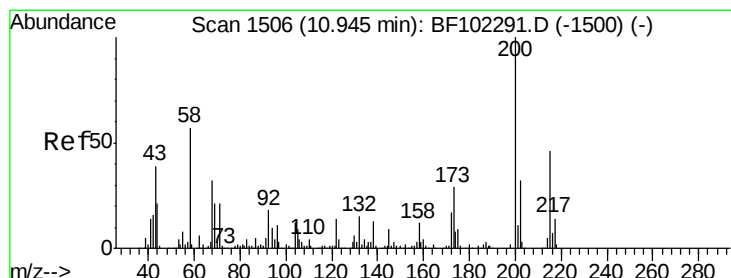
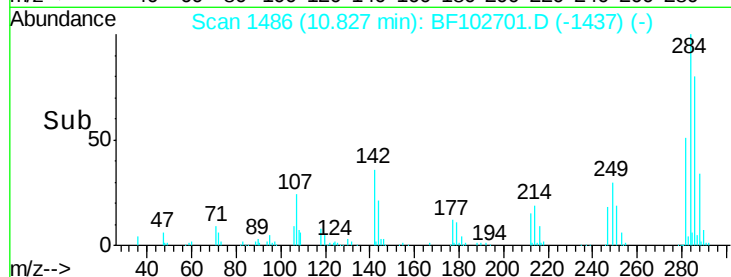
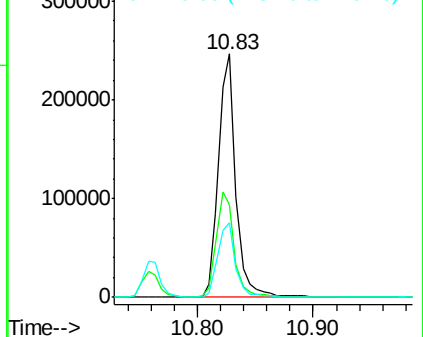
249 30.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.887 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

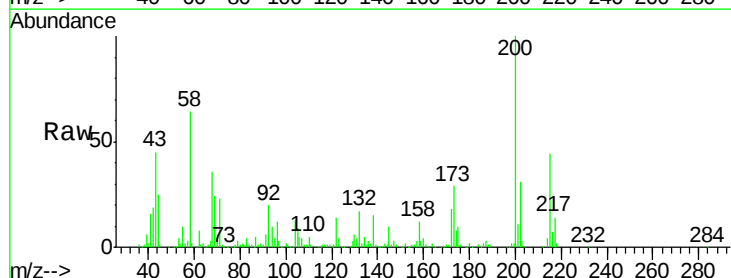
Tgt Ion:200 Resp: 237797

Ion Ratio Lower Upper

200 100

173 29.3 8.6 48.6

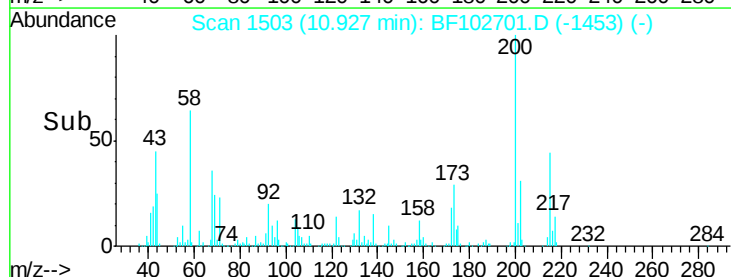
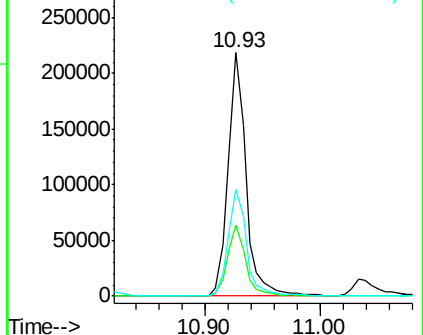
215 43.8 25.1 65.1

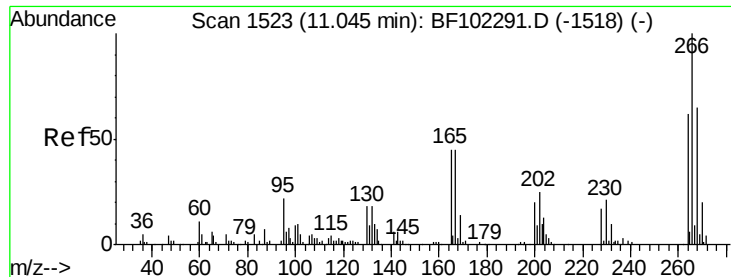


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 31.308 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampled :

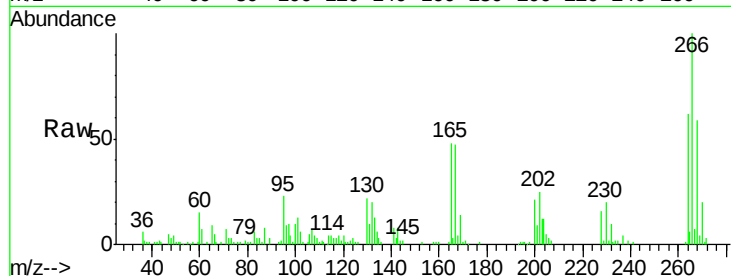
Tot Ion:266 Resp: 117755

Ion Ratio Lower Upper

266 100

268 58.9 51.1 76.7

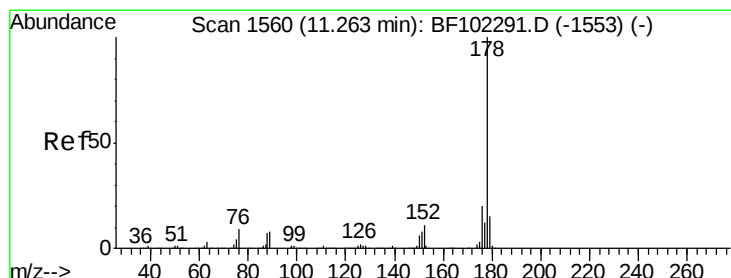
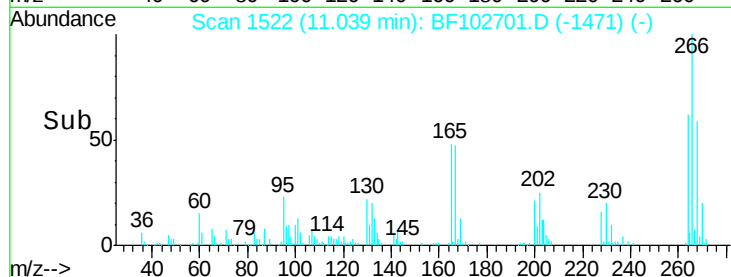
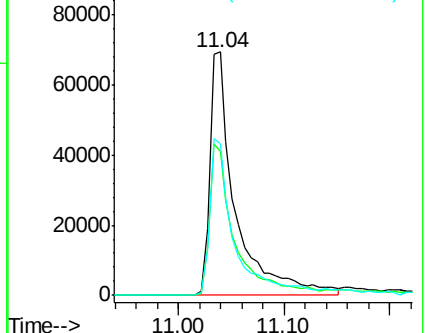
264 62.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.907 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

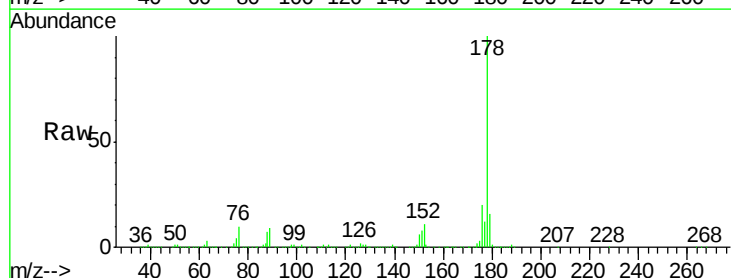
Tgt Ion:178 Resp: 1313655

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

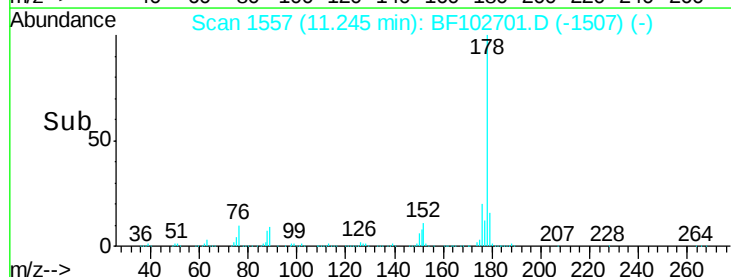
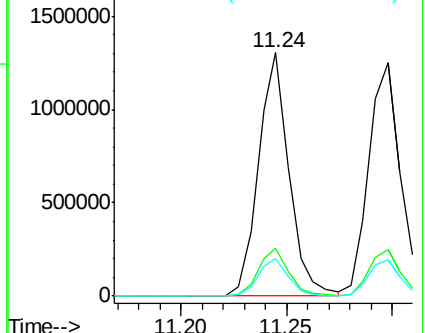
179 15.5 13.0 19.6

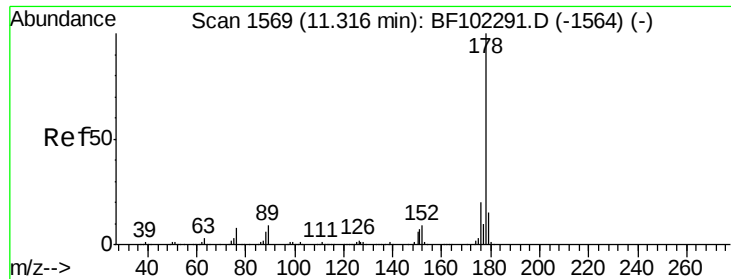


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

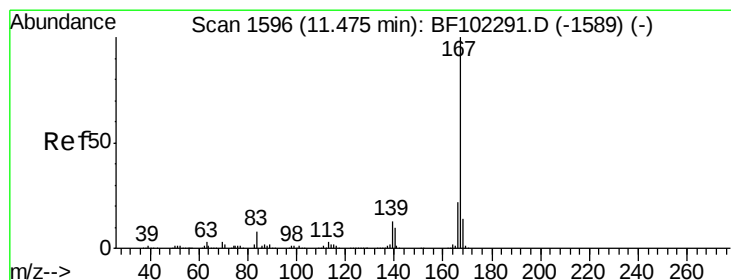
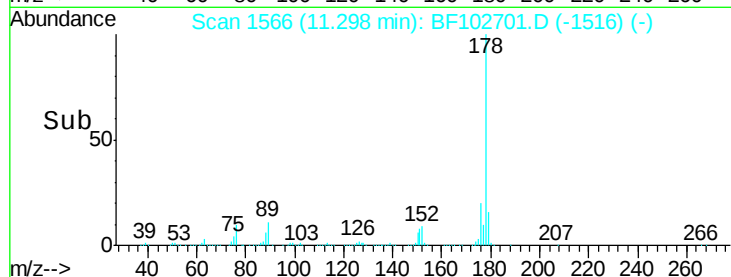
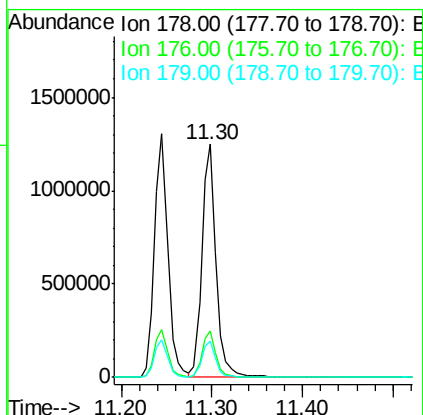
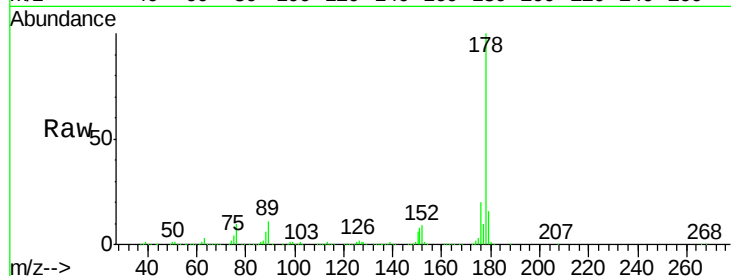




#71
 Anthracene
 Concen: 38.604 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

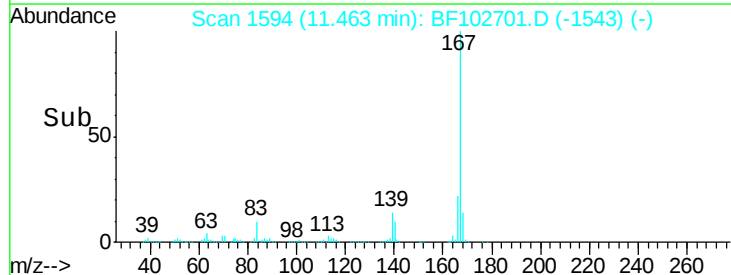
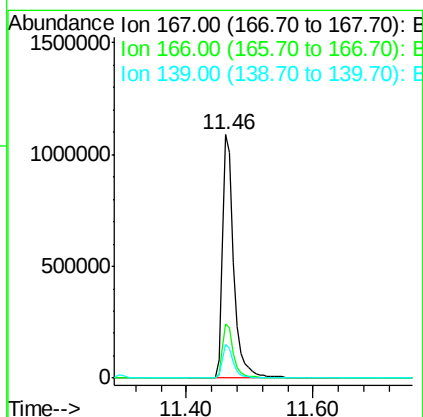
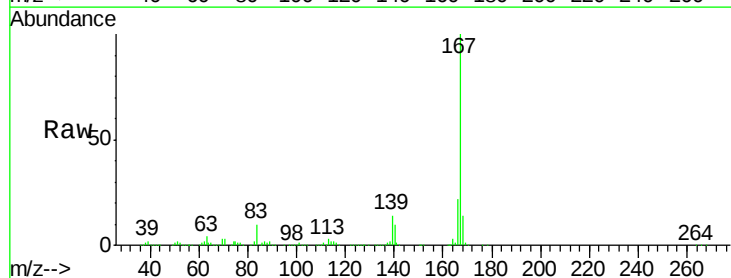
Instrument :
 BNA_F
 ClientSampleId :

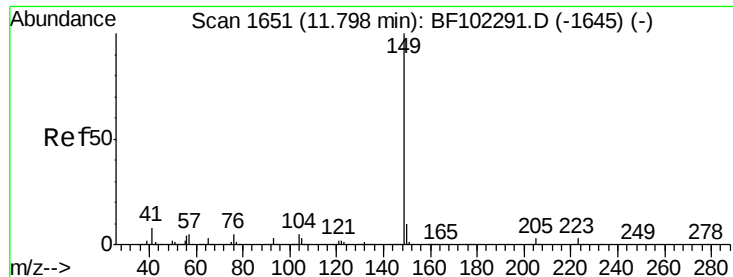
Tot Ion:178 Resp: 1365462
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.103 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF102701.D
 Acq: 2 Feb 2018 11:37

Tgt Ion:167 Resp: 1349357
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.943 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

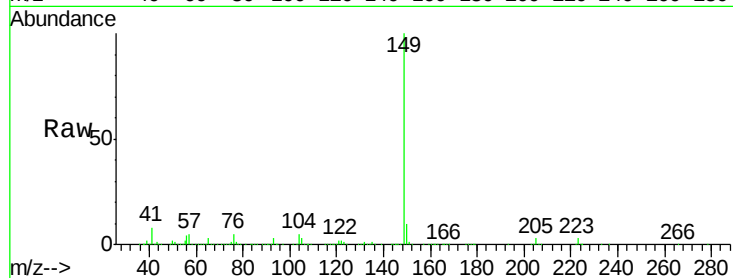
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1636617

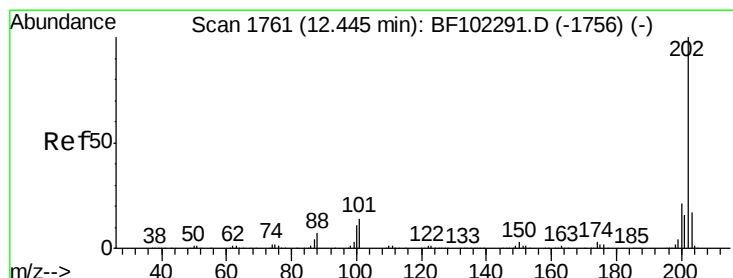
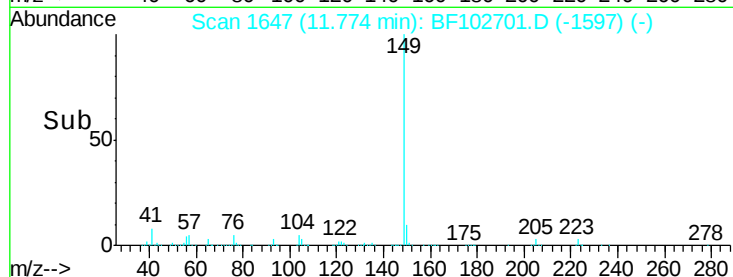
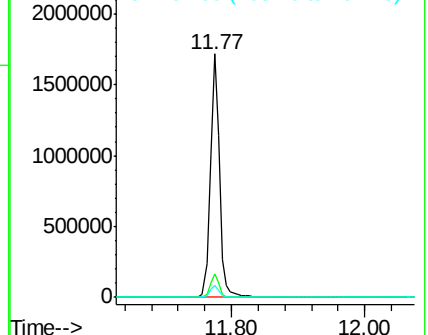
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.8	5.8



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: 36.093 ng

RT: 12.43 min Scan# 1759

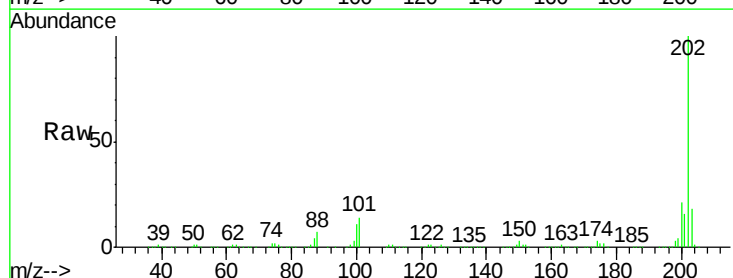
Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Tgt Ion:202 Resp: 1275497

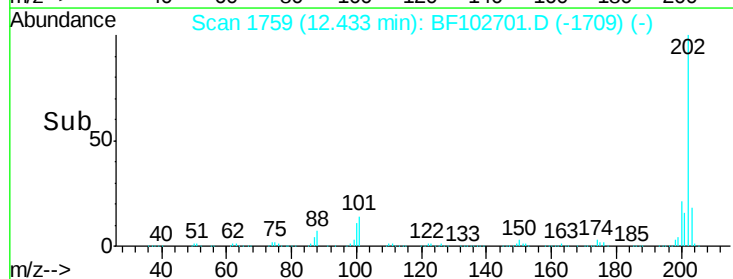
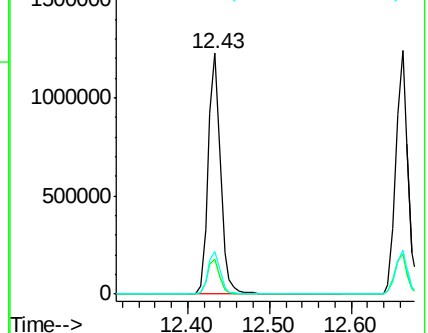
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.8	0.0	38.1

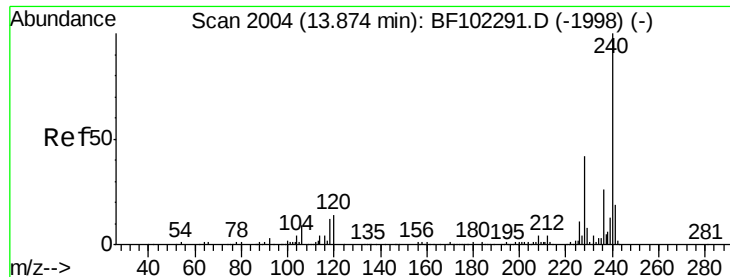


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampled :

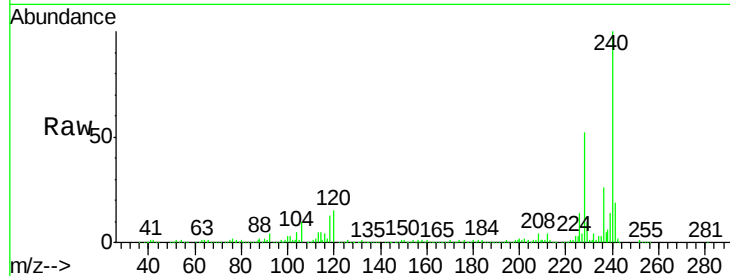
Tot Ion:240 Resp: 374971

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

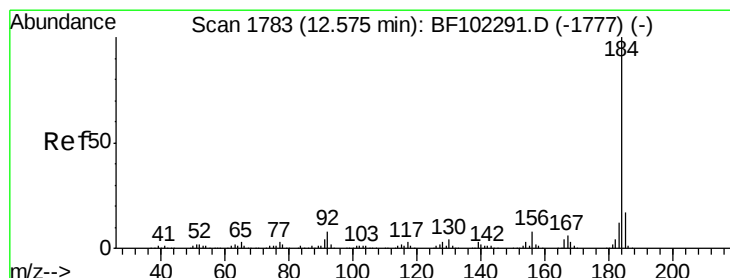
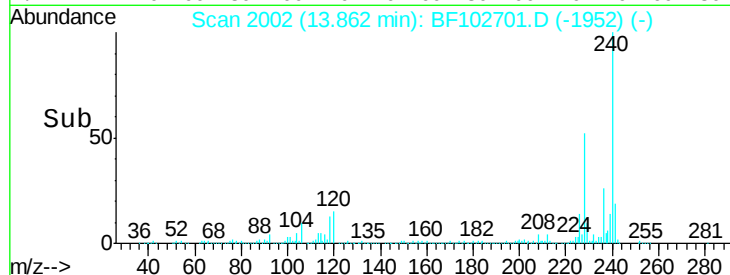
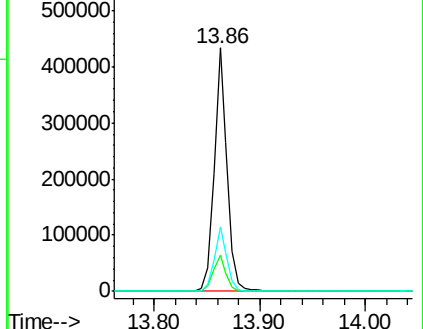
236 26.2 20.7 31.1



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: 27.538 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

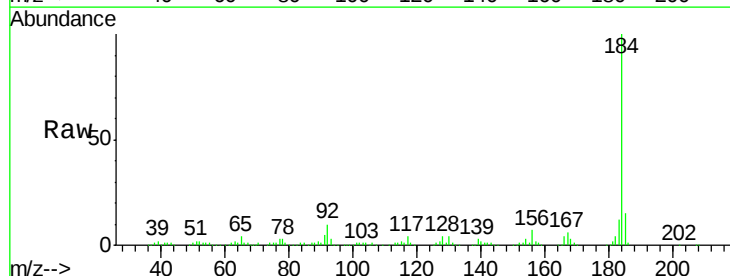
Tgt Ion:184 Resp: 346892

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

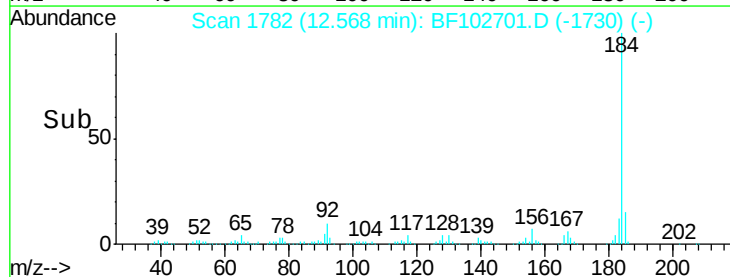
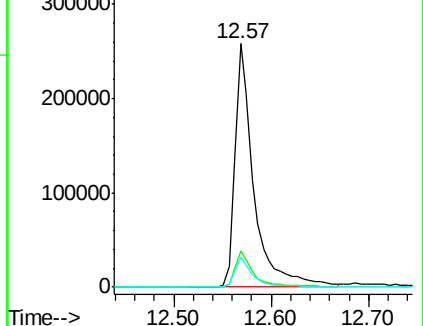
183 12.3 9.3 13.9

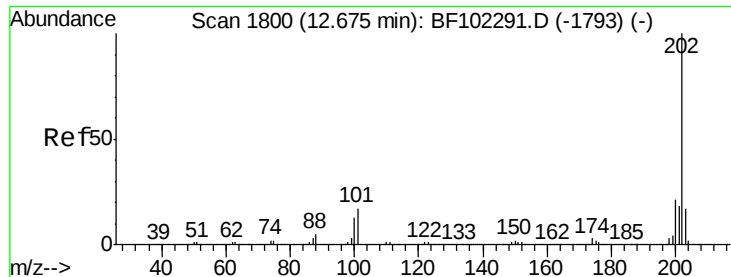


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.433 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

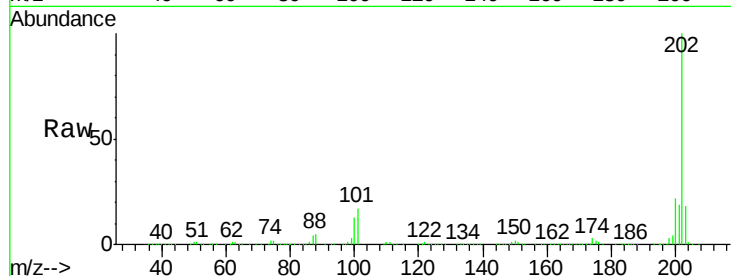
Tot Ion:202 Resp: 1288163

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

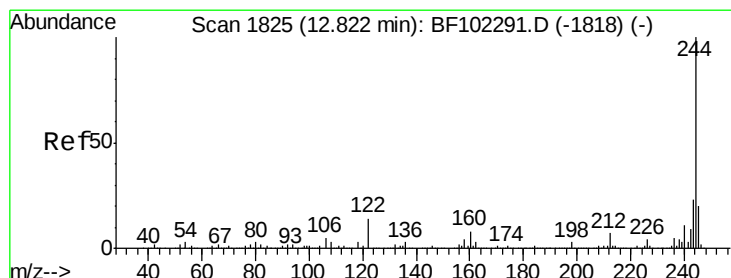
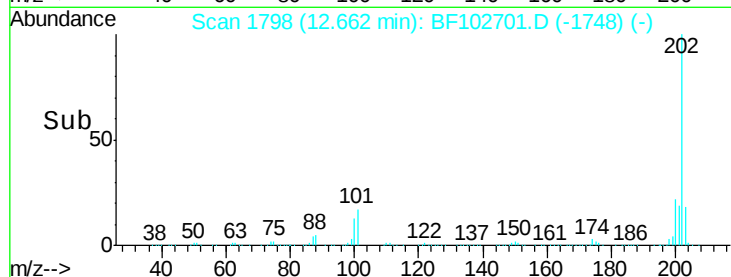
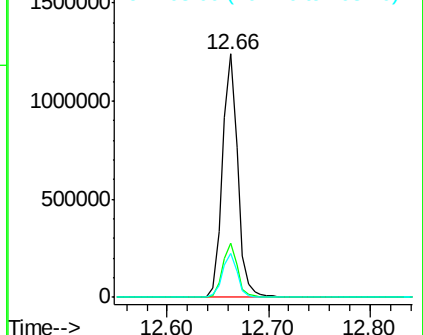
203 17.8 14.3 21.5



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: 82.786 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

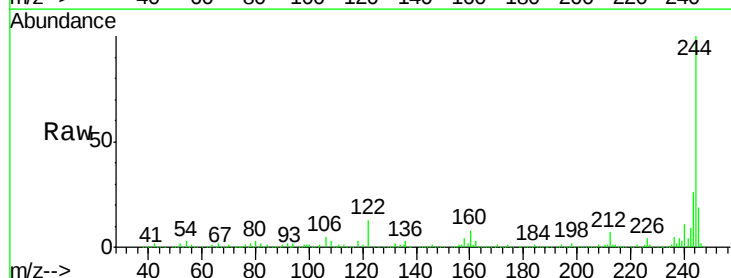
Tgt Ion:244 Resp: 1376990

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

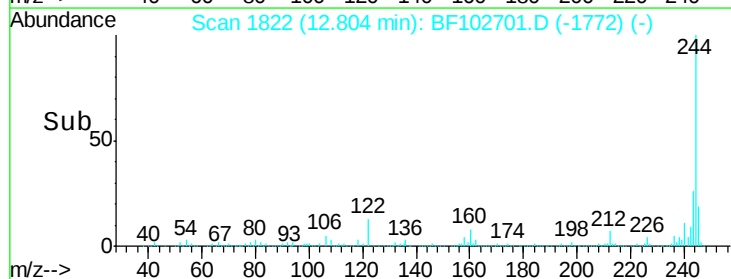
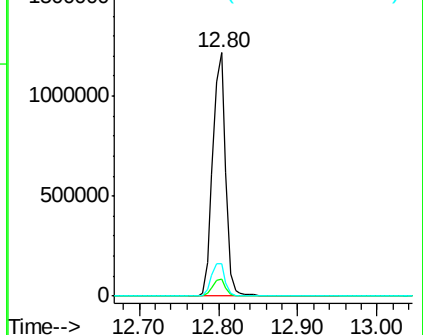
122 13.3 11.0 16.4

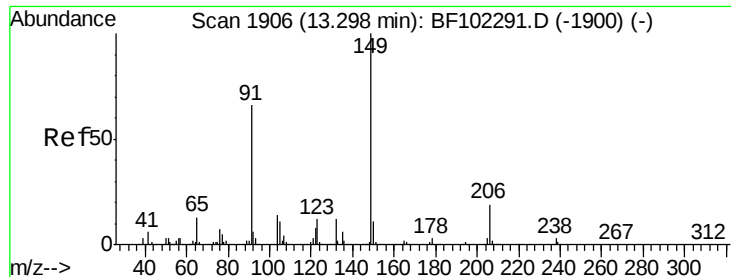


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

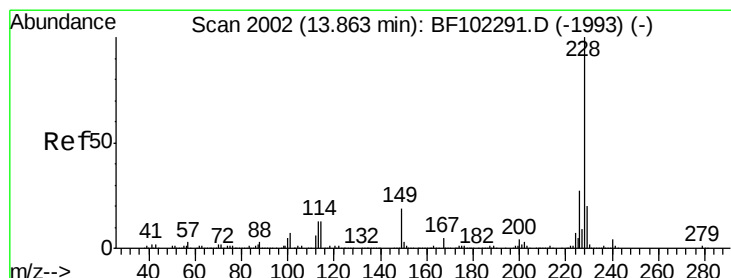
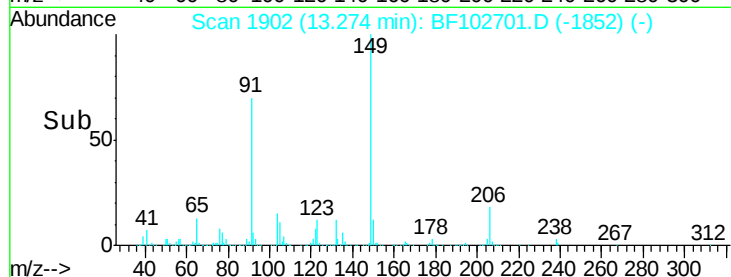
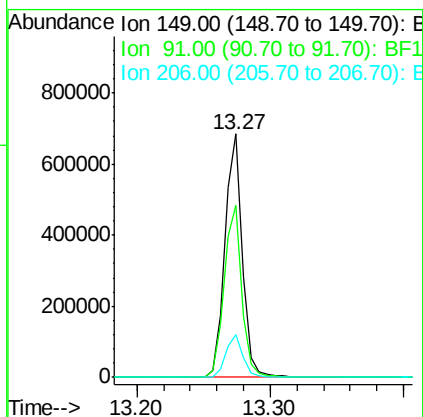
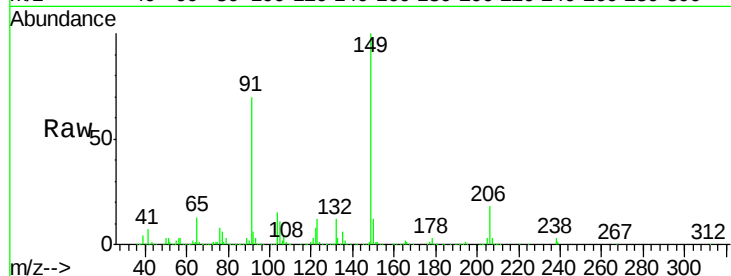




#79
Butylbenzylphthalate
Concen: 43.822 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

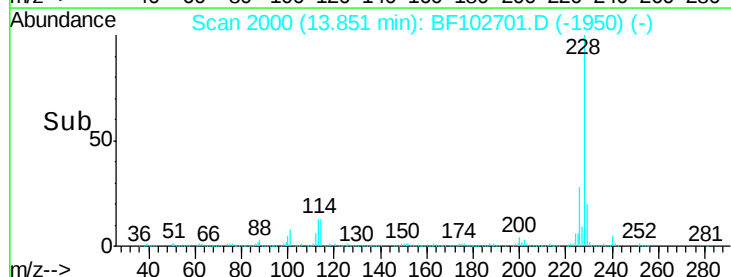
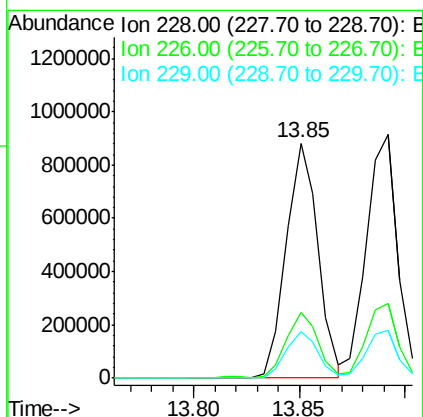
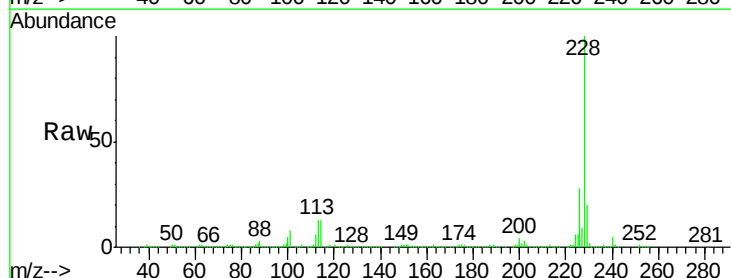
Instrument :
BNA_F
ClientSampled :

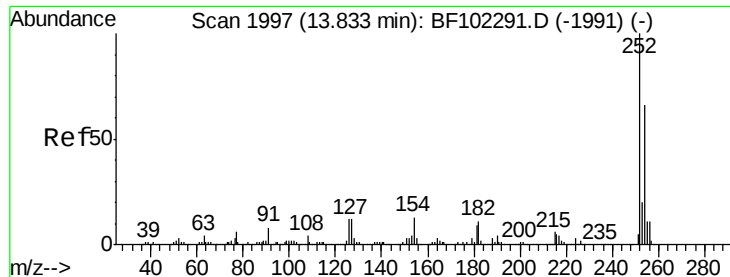
Tot Ion:149 Resp: 632251
Ion Ratio Lower Upper
149 100
91 70.4 56.8 85.2
206 17.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.118 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:228 Resp: 926149
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.383 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

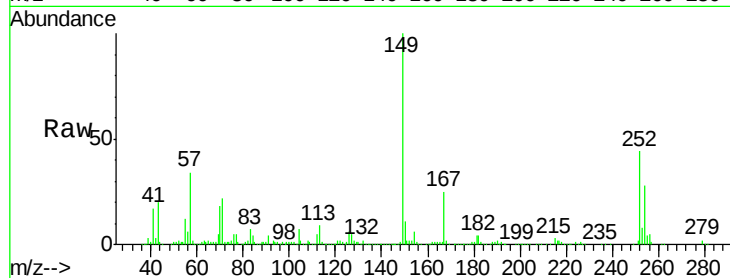
Tot Ion:252 Resp: 308115

Ion Ratio Lower Upper

252 100

254 64.2 50.4 75.6

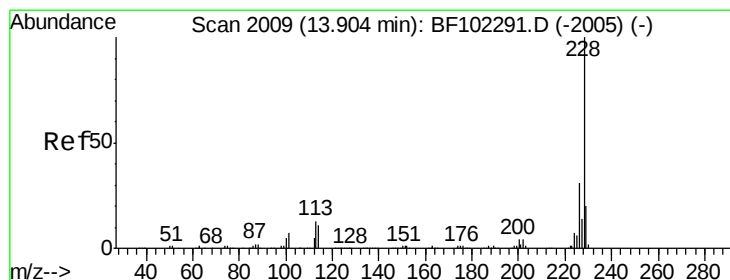
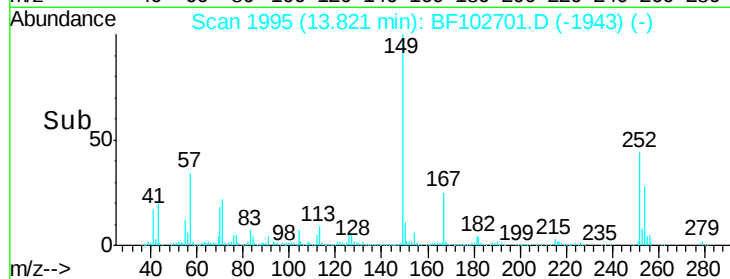
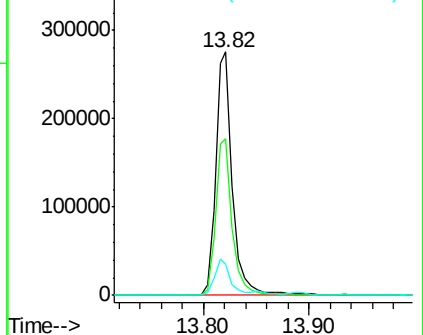
126 13.0 11.3 16.9



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: 40.371 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

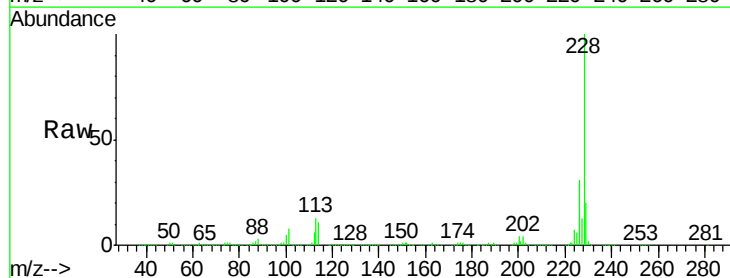
Tgt Ion:228 Resp: 946428

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

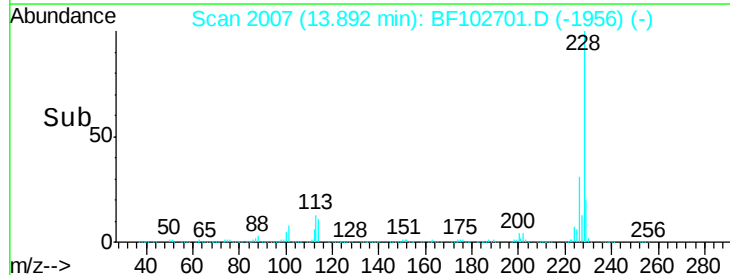
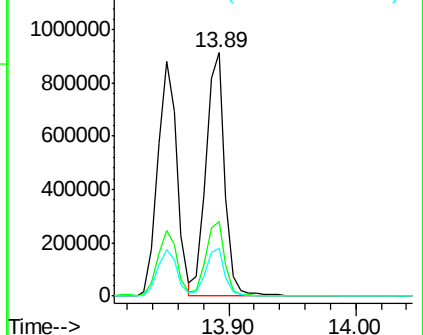
229 19.6 16.2 24.4

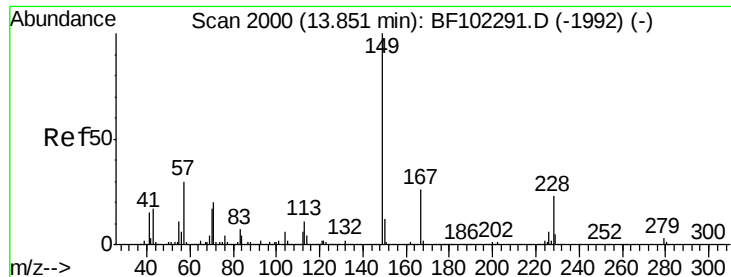


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.141 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

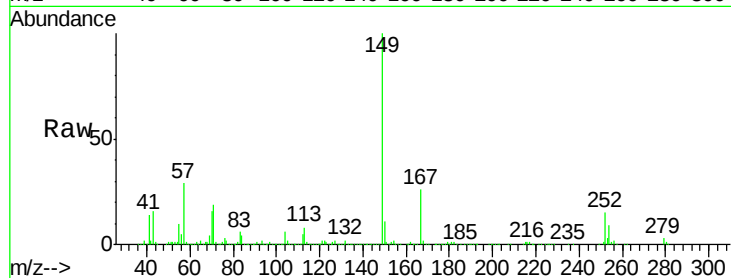
Tot Ion:149 Resp: 758913

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

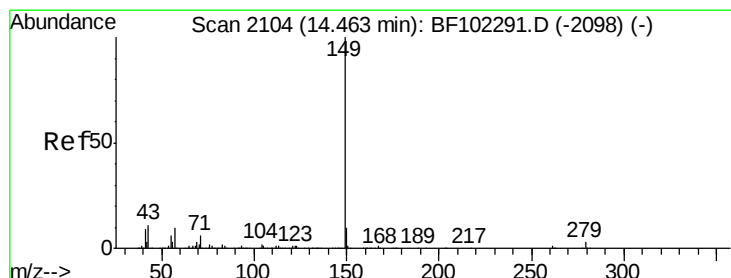
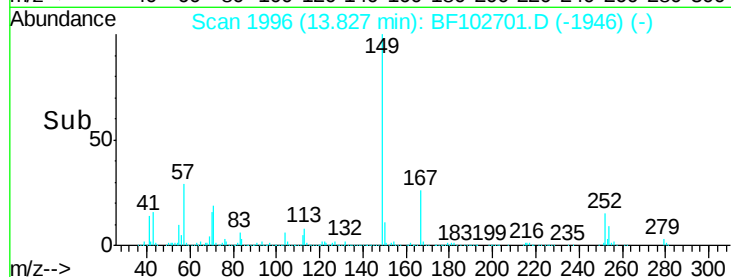
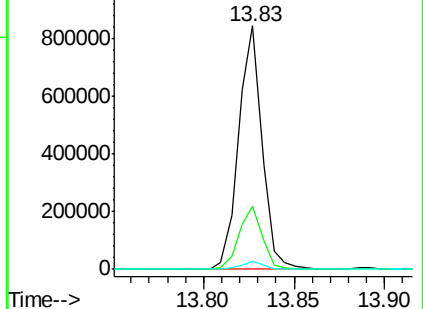
279 3.1 3.0 4.4



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: 37.922 ng

RT: 14.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

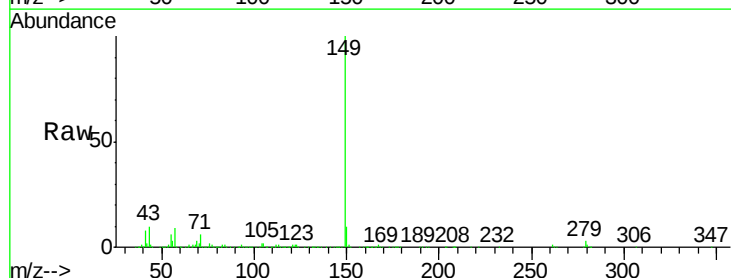
Tgt Ion:149 Resp: 1195732

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

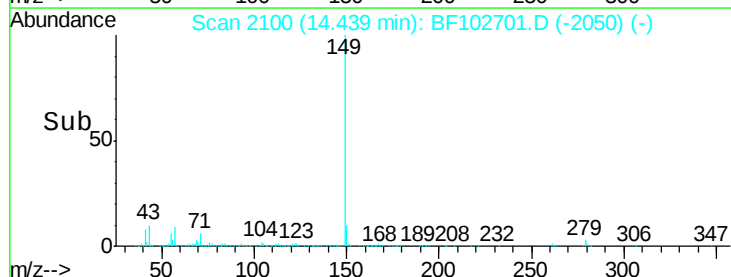
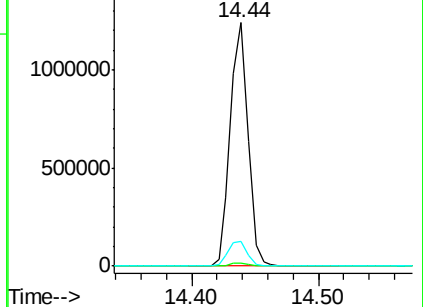
43 10.9 8.4 12.6

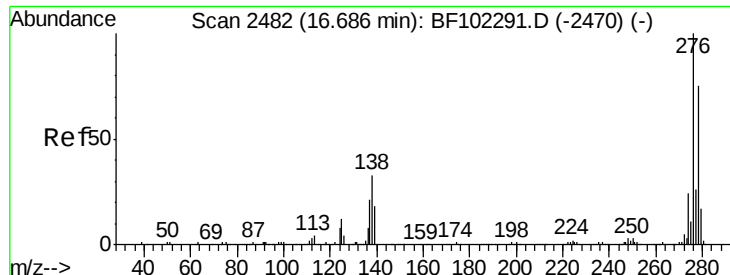


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

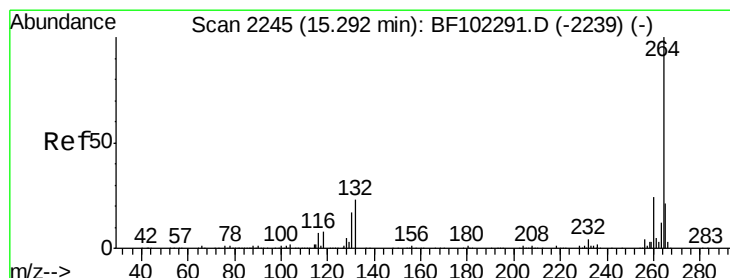
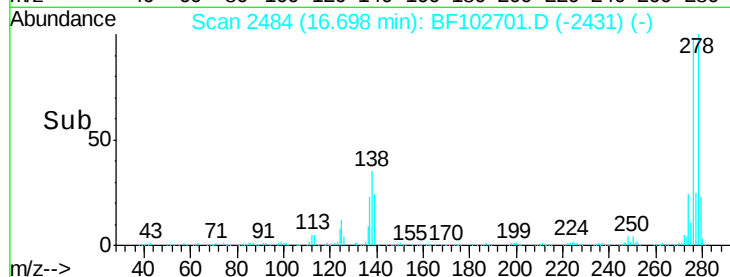
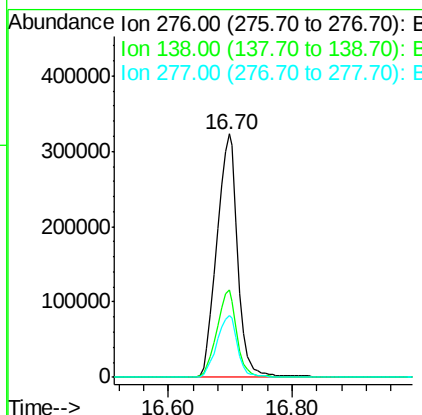
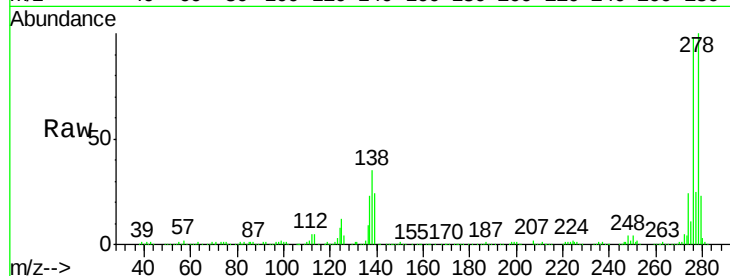




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.186 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

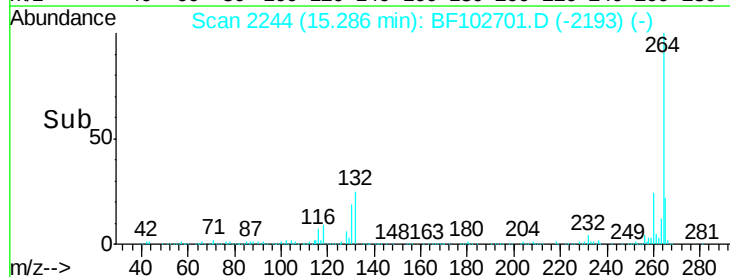
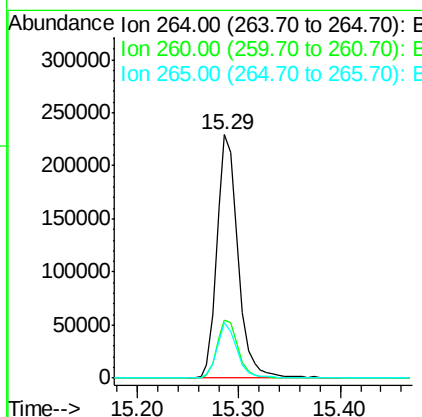
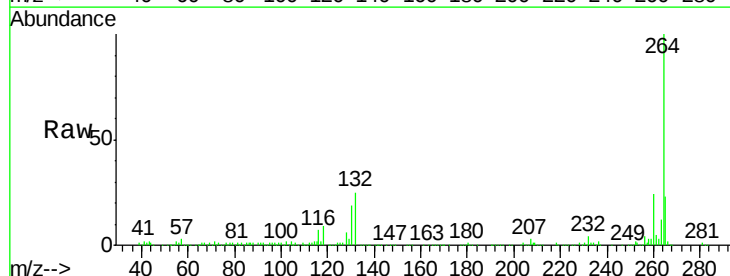
Instrument :
BNA_F
ClientSampleId :

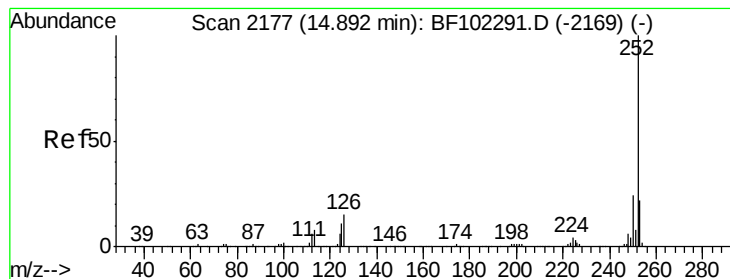
Tot Ion:276 Resp: 758690
Ion Ratio Lower Upper
276 100
138 34.2 25.0 37.6
277 25.5 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:264 Resp: 330726
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 38.780 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.03 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

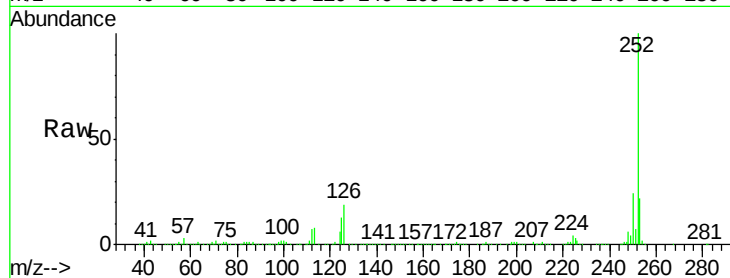
Tot Ion:252 Resp: 831285

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

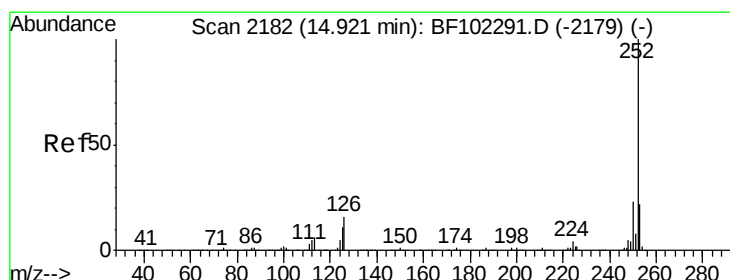
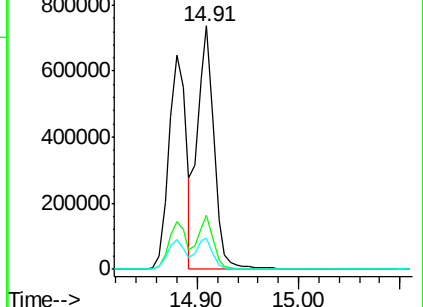
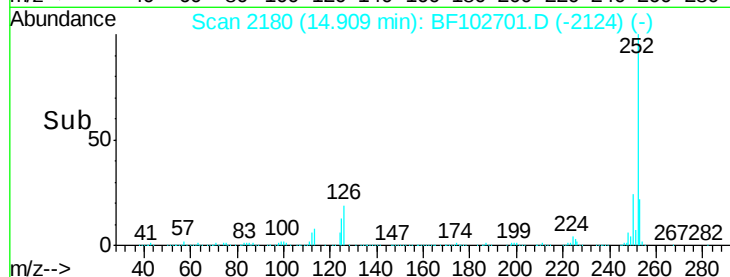
125 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.046 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

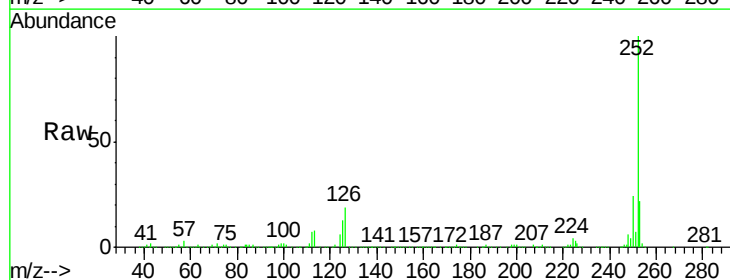
Tgt Ion:252 Resp: 831285

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

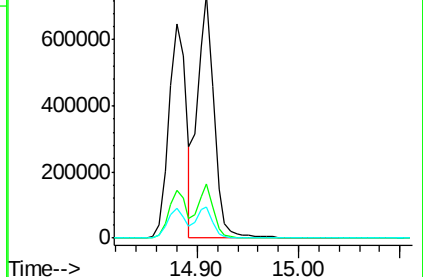
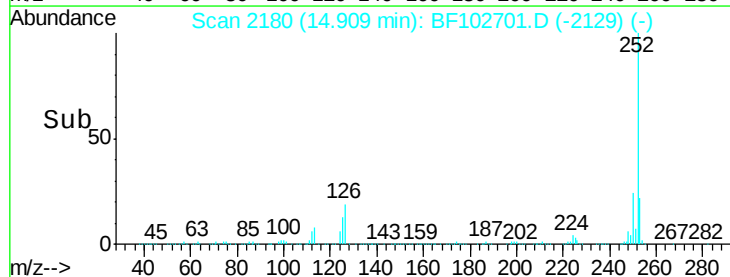
125 13.0 10.2 15.2

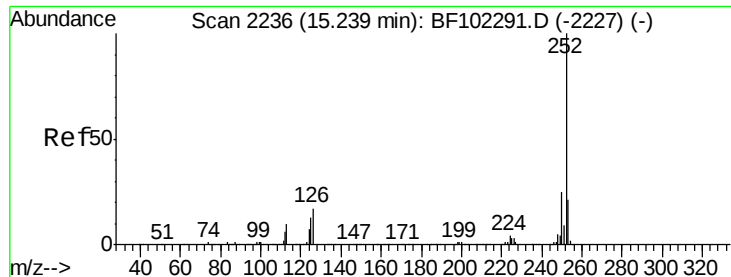


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

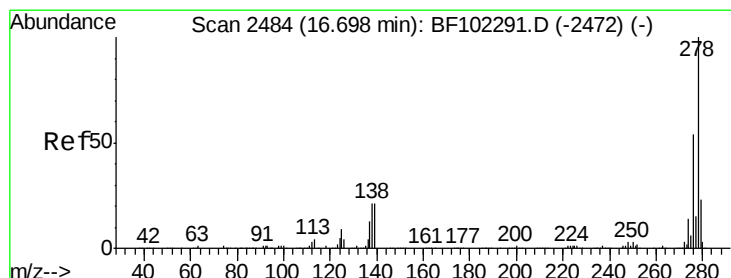
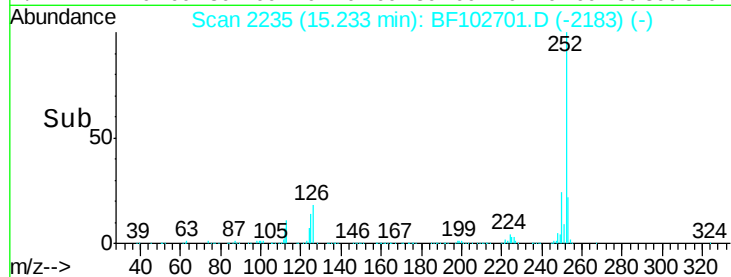
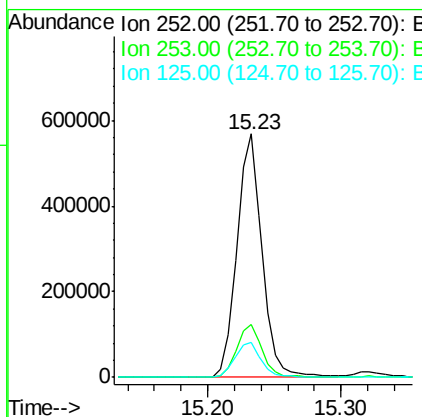
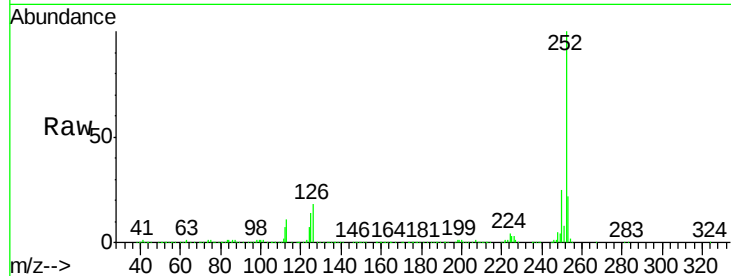




#89
Benzo(a)pyrene
Concen: 38.313 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

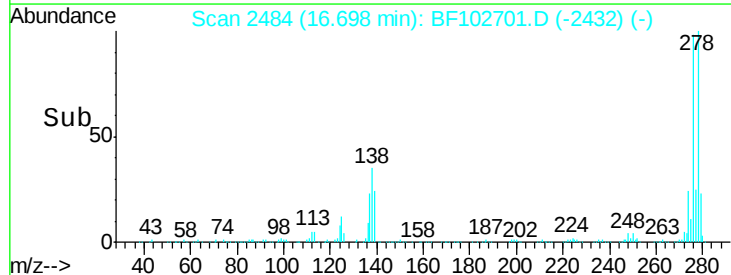
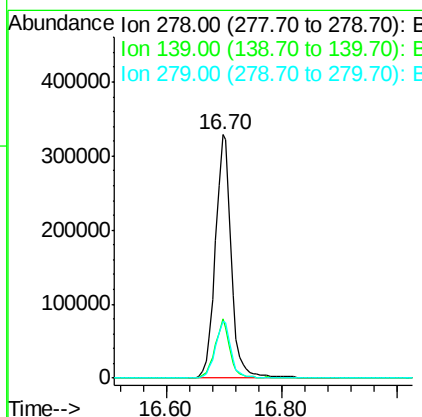
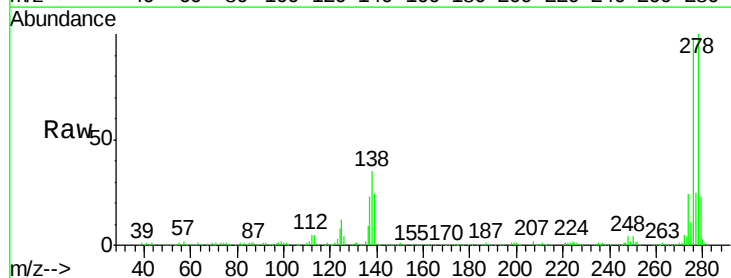
Instrument :
BNA_F
ClientSampleId :

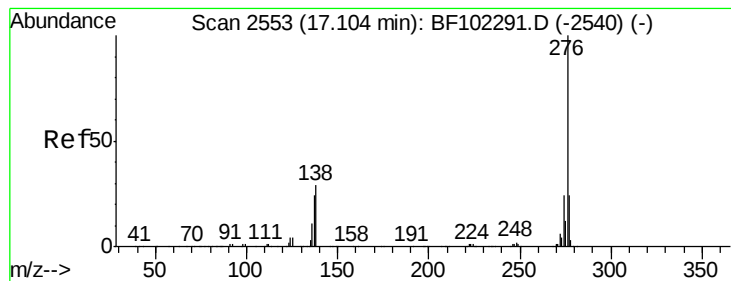
Tot Ion:252 Resp: 740710
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.266 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF102701.D
Acq: 2 Feb 2018 11:37

Tgt Ion:278 Resp: 630588
Ion Ratio Lower Upper
278 100
139 24.4 15.9 23.9#
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.218 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF102701.D

Acq: 2 Feb 2018 11:37

Instrument :

BNA_F

ClientSampleId :

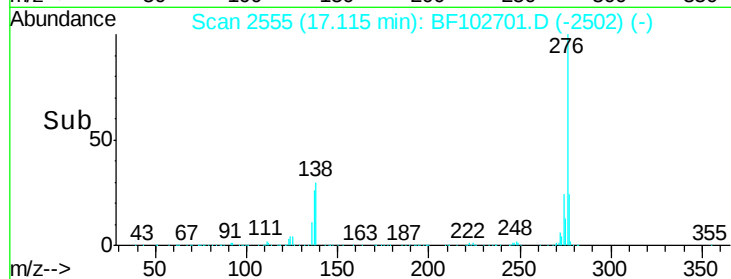
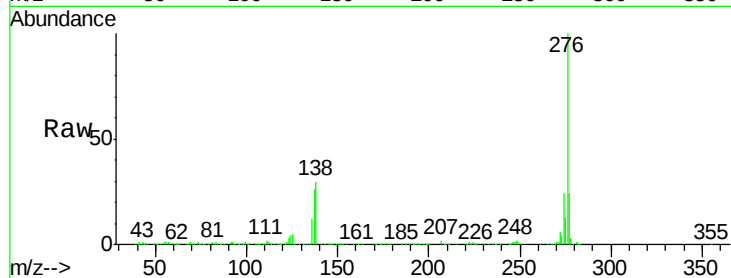
Tot Ion: 276 Resp: 668283

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 30.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

