

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101761.D
 Acq On : 27 Dec 2017 14:41
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:02:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124299	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	500103	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	234491	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	459565	20.00	ng	0.00
75) Chrysene-d12	13.97	240	376316	20.00	ng	0.00
86) Perylene-d12	15.44	264	366795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	681102	81.62	ng	0.00
7) Phenol-d6	6.44	99	764664	73.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	691837	77.01	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	196124	86.80	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1189579	78.69	ng	0.00
78) Terphenyl-d14	12.90	244	1183651	75.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	149880	34.956	ng	95
3) Pyridine	3.25	79	392342	32.934	ng	96
4) n-Nitrosodimethylamine	3.21	42	174044	31.730	ng	99
6) Aniline	6.46	93	523514	36.275	ng	# 80
8) 2-Chlorophenol	6.58	128	341508	38.905	ng	99
9) Benzaldehyde	6.35	77	254478	33.180	ng	98
10) Phenol	6.45	94	436923	36.913	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	346166	37.284	ng	96
12) 1,3-Dichlorobenzene	6.73	146	384935	38.855	ng	98
13) 1,4-Dichlorobenzene	6.80	146	401306	39.667	ng	99
14) 1,2-Dichlorobenzene	6.96	146	358033	39.317	ng	99
15) Benzyl Alcohol	6.95	79	268544	37.569	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	524564	36.916	ng	52
17) 2-Methylphenol	7.06	107	293266	36.320	ng	# 91
18) Hexachloroethane	7.29	117	133179	37.863	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	254521	37.319	ng	94
20) 3+4-Methylphenols	7.22	107	370480	43.299	ng	# 69
22) Acetophenone	7.21	105	460814	40.383	ng	# 92
24) Nitrobenzene	7.38	77	372805	37.494	ng	99
25) Isophorone	7.62	82	654968	36.342	ng	98
26) 2-Nitrophenol	7.70	139	192705	45.112	ng	99
27) 2,4-Dimethylphenol	7.73	122	285459	39.335	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	435323	38.025	ng	99
29) 2,4-Dichlorophenol	7.95	162	297684	41.520	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	296917	39.243	ng	96
31) Naphthalene	8.09	128	975829	38.759	ng	100
32) Benzoic acid	7.90	122	199166	41.936	ng	99
33) 4-Chloroaniline	8.15	127	417642	38.166	ng	97
34) Hexachlorobutadiene	8.20	225	180348	41.213	ng	98
35) Caprolactam	8.54	113	94720	38.047	ng	# 89
36) 4-Chloro-3-methylphenol	8.65	107	313879	39.831	ng	97
37) 2-Methylnaphthalene	8.79	142	636771	38.820	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	313211	39.562	ng	97
40) Hexachlorocyclopentadiene	8.93	237	36122	36.242	ng	94

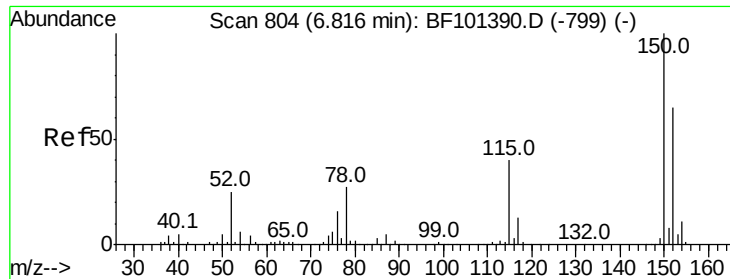
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101761.D
 Acq On : 27 Dec 2017 14:41
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:02:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	187258	39.288	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	188743	36.166	nq	98
45) 1,1'-Biphenyl	9.25	154	794895	38.224	nq	100
46) 2-Chloronaphthalene	9.28	162	603104	37.902	nq	96
47) 2-Nitroaniline	9.39	65	215329	39.173	nq	90
48) Acenaphthylene	9.69	152	947834	37.713	nq	100
49) Dimethylphthalate	9.55	163	696155	36.909	nq	99
50) 2,6-Dinitrotoluene	9.63	165	150744	39.323	nq #	84
51) Acenaphthene	9.86	154	578113	38.286	nq	99
52) 3-Nitroaniline	9.80	138	194522	40.700	nq	99
53) 2,4-Dinitrophenol	9.95	184	64422	52.346	nq #	19
54) Dibenzofuran	10.03	168	813076	42.372	nq	97
55) 4-Nitrophenol	10.00	139	70530	33.843	nq	93
56) 2,4-Dinitrotoluene	10.05	165	208353	48.240	nq #	98
57) Fluorene	10.38	166	670236	41.289	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	166027	44.280	nq #	80
59) Diethylphthalate	10.25	149	729036	39.031	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	329293	42.326	nq	95
61) 4-Nitroaniline	10.43	138	190351	39.623	nq	95
62) Azobenzene	10.53	77	704095	36.389	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	108087	46.089	nq	91
65) n-Nitrosodiphenylamine	10.49	169	634497	37.391	nq	96
66) 4-Bromophenyl-phenylether	10.86	248	205028	39.705	nq #	86
67) Hexachlorobenzene	10.93	284	213297	39.028	nq #	87
68) Atrazine	11.02	200	195804	38.698	nq	98
69) Pentachlorophenol	11.15	266	52532	29.248	nq	97
70) Phenanthrene	11.35	178	969617	37.939	nq	99
71) Anthracene	11.40	178	1003625	38.444	nq	100
72) Carbazole	11.56	167	948785	38.818	nq	99
73) Di-n-butylphthalate	11.87	149	1181647	39.832	nq	99
74) Fluoranthene	12.54	202	1046582	39.014	nq	99
76) Benzidine	12.66	184	735500	46.276	nq	99
77) Pyrene	12.77	202	1081681	38.300	nq	100
79) Butylbenzylphthalate	13.37	149	509449	39.866	nq	98
80) Benzo(a)anthracene	13.96	228	930011	37.427	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	313442	38.685	nq #	98
82) Chrysene	14.00	228	901639	38.430	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	617425	38.145	nq	98
84) Di-n-octyl phthalate	14.53	149	1126733	39.033	nq	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	764129	36.574	nq	97
87) Benzo(b)fluoranthene	15.02	252	813325	36.379	nq	98
88) Benzo(k)fluoranthene	15.02	252	813325	37.416	nq	98
89) Benzo(a)pyrene	15.38	252	762041	36.974	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	646511	36.536	nq	99
91) Benzo(g,h,i)perylene	17.37	276	640801	36.571	nq	97

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

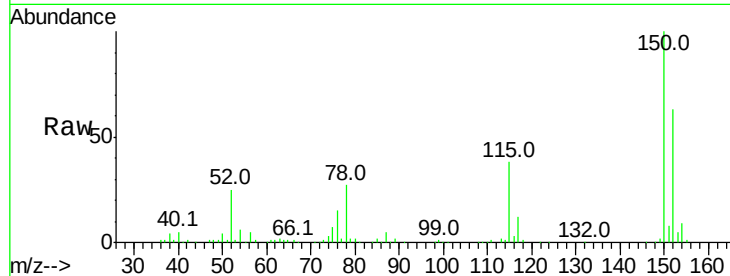


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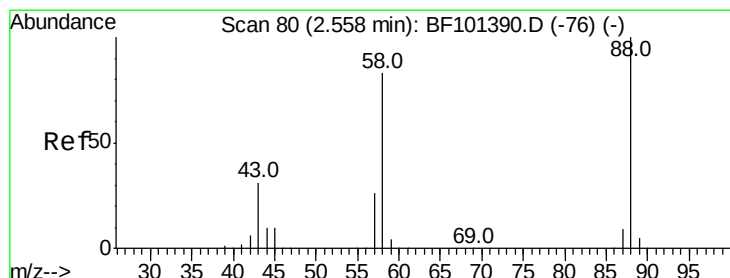
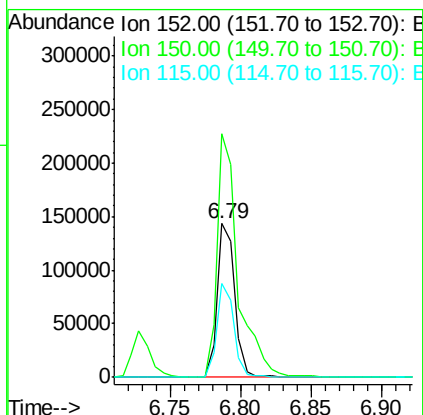
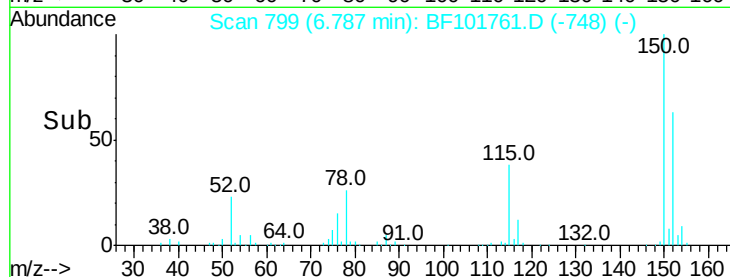
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124299
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 60.9 50.1 75.1



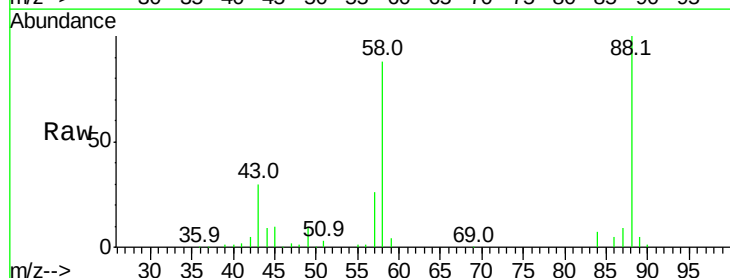
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



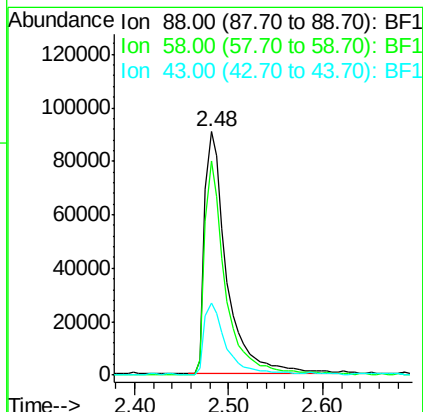
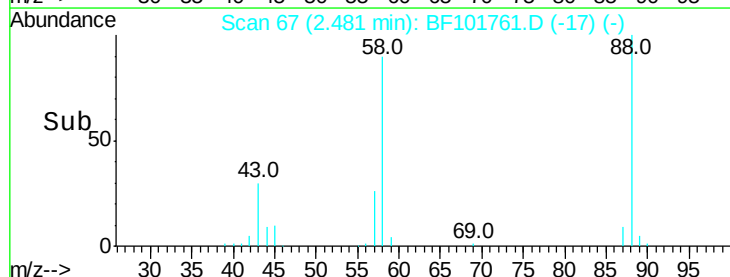
#2

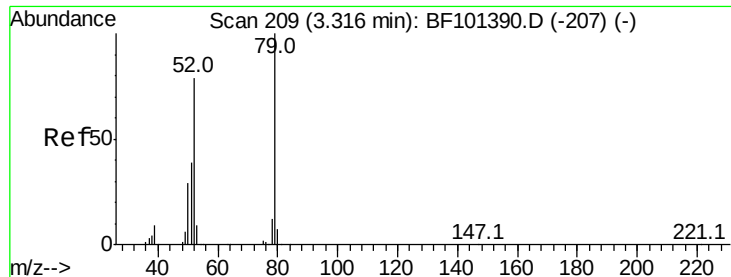
1,4-Dioxane
Concen: 34.956 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion: 88 Resp: 149880
Ion Ratio Lower Upper
88 100
58 83.7 62.6 93.8
43 30.9 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: 32.934 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

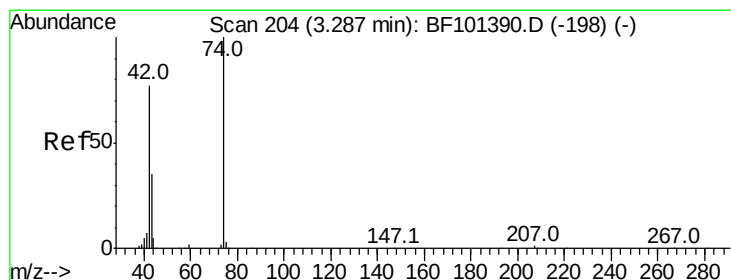
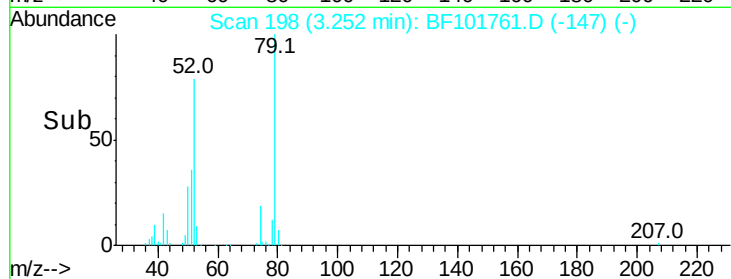
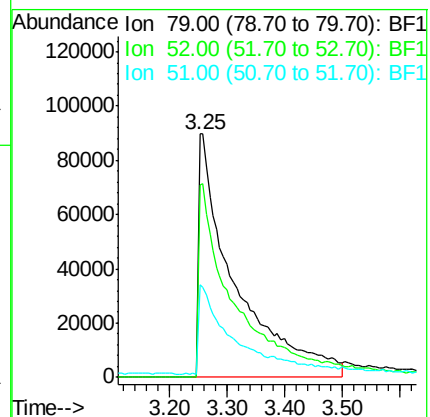
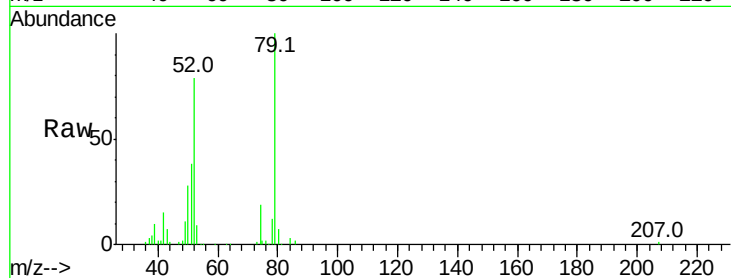
Tot Ion: 79 Resp: 392342

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

51 37.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.730 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

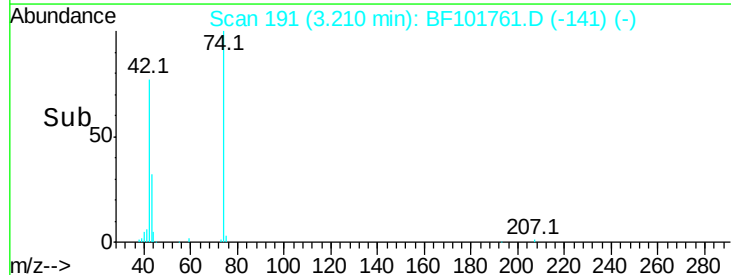
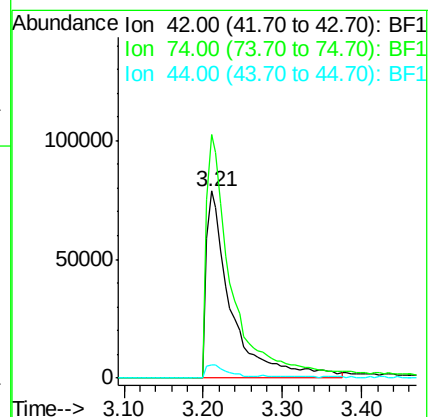
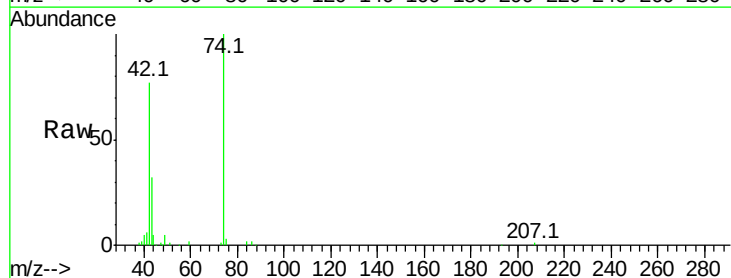
Tgt Ion: 42 Resp: 174044

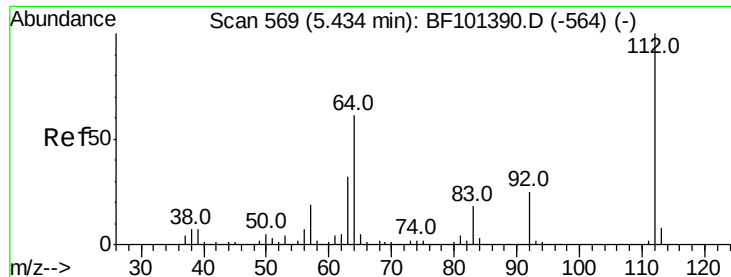
Ion Ratio Lower Upper

42 100

74 130.1 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 81.622 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

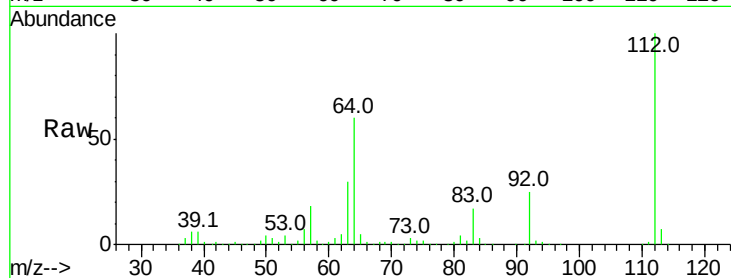
Tot Ion:112 Resp: 681102

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

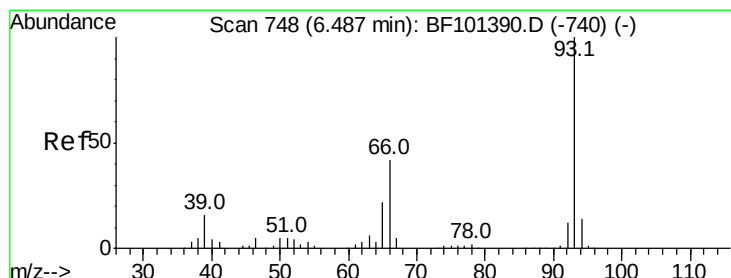
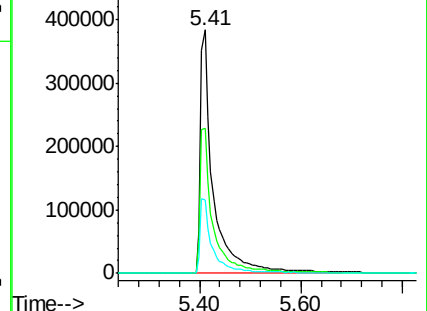
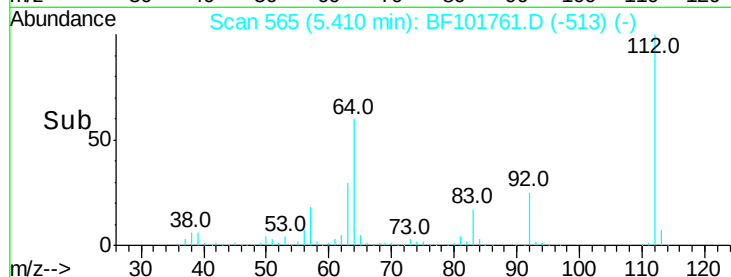
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.275 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

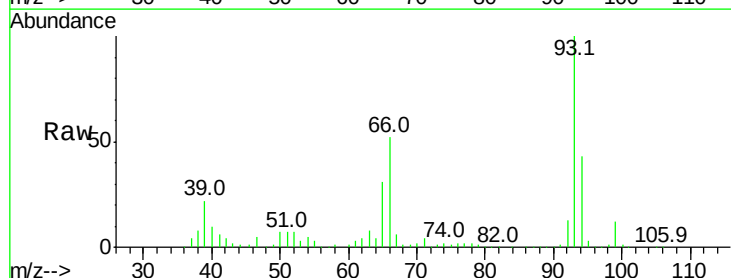
Tgt Ion: 93 Resp: 523514

Ion Ratio Lower Upper

93 100

66 52.5 32.2 48.2#

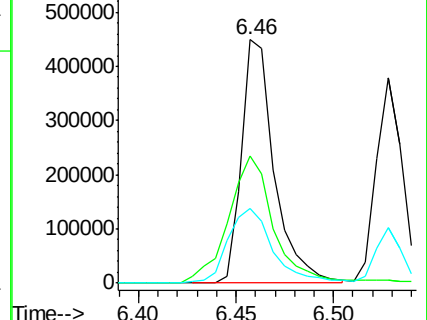
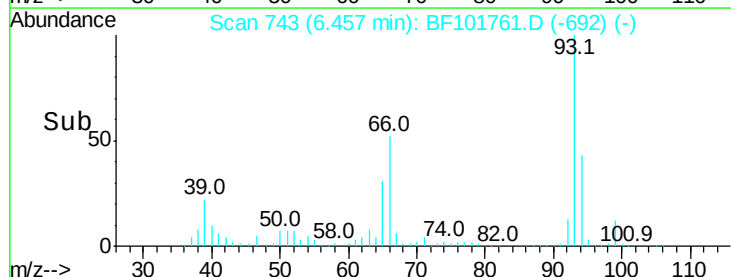
65 30.6 16.4 24.6#

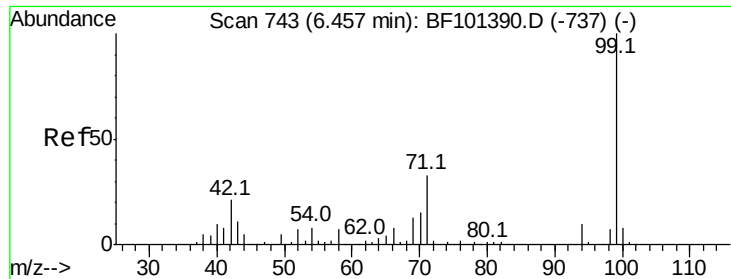


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.631 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampled :

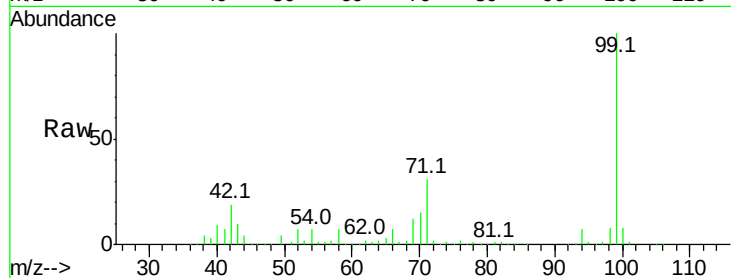
Tot Ion: 99 Resp: 764664

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

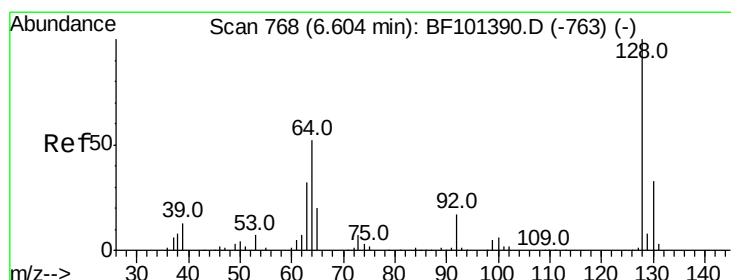
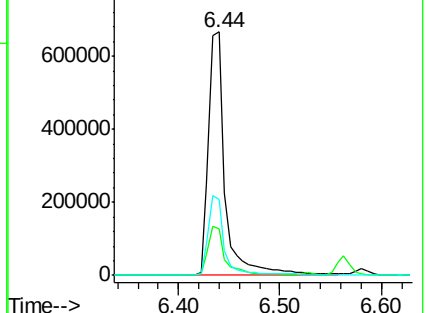
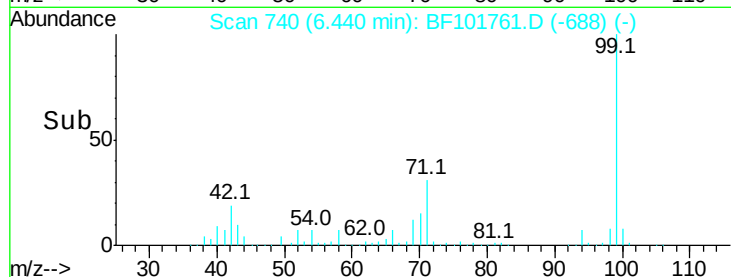
71 31.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.905 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

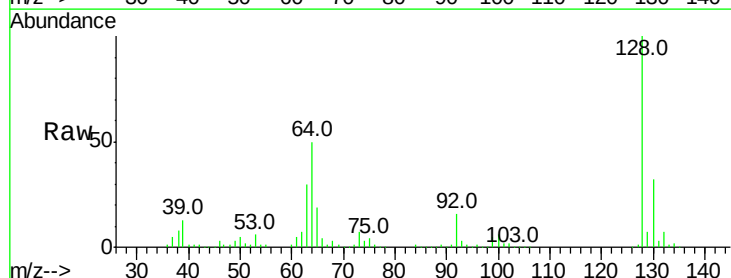
Tgt Ion:128 Resp: 341508

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

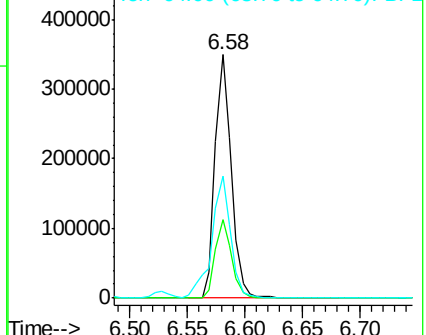
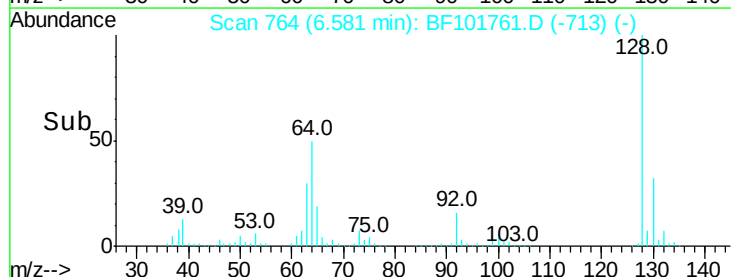
64 50.1 29.4 69.4

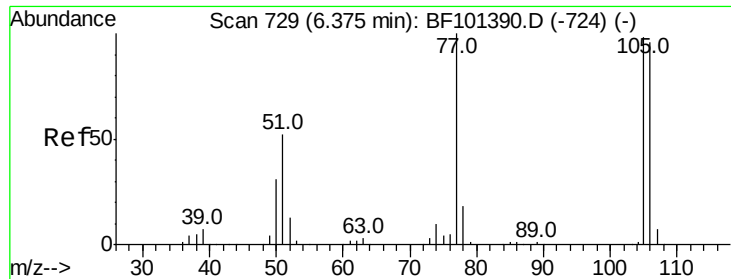


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

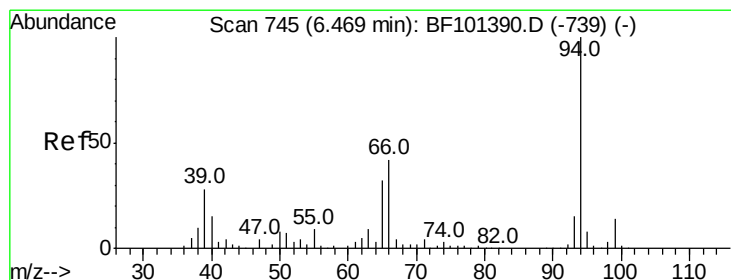
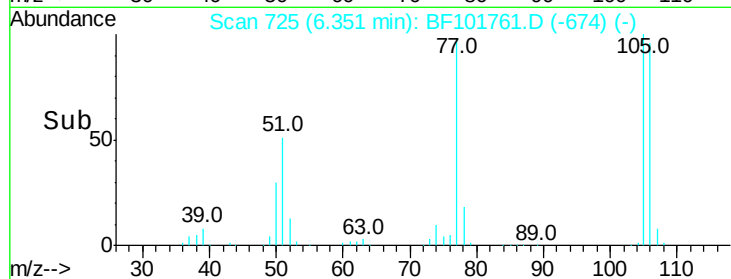
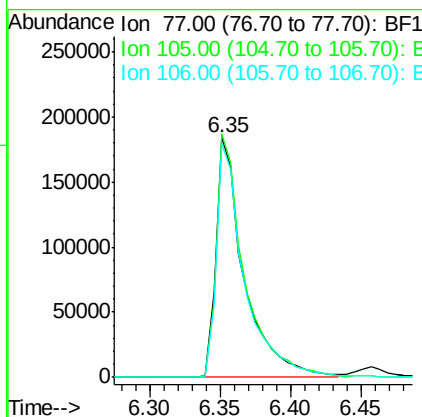
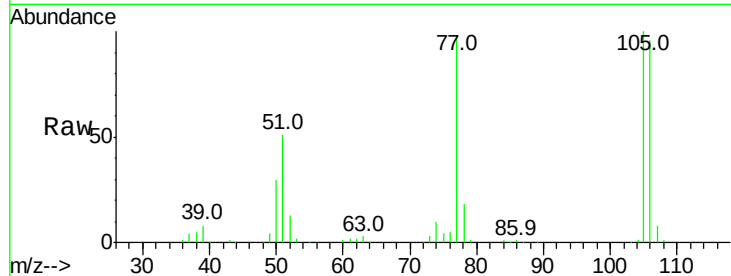




#9
Benzaldehyde
Concen: 33.180 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

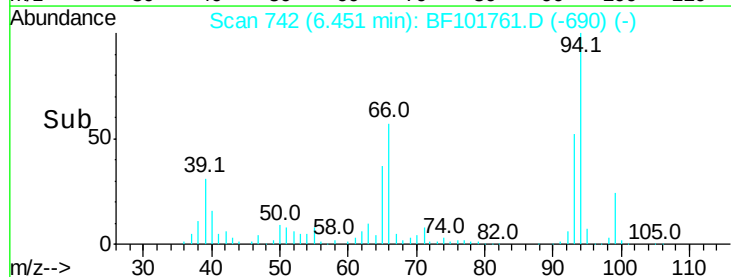
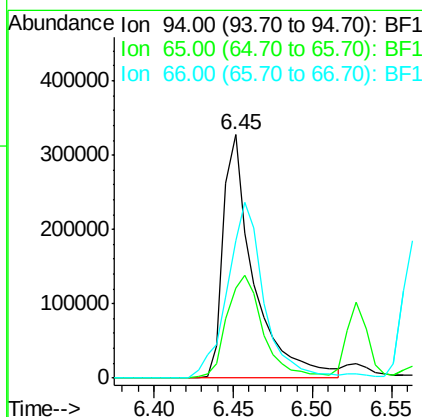
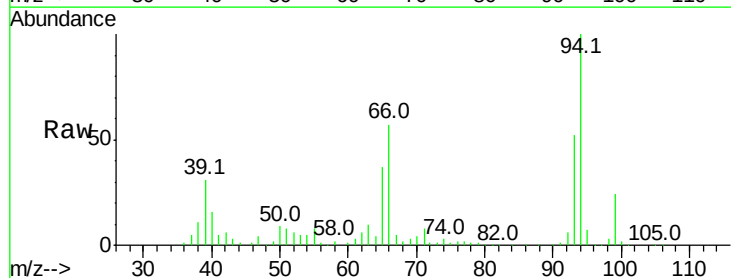
Instrument :
BNA_F
ClientSampled :

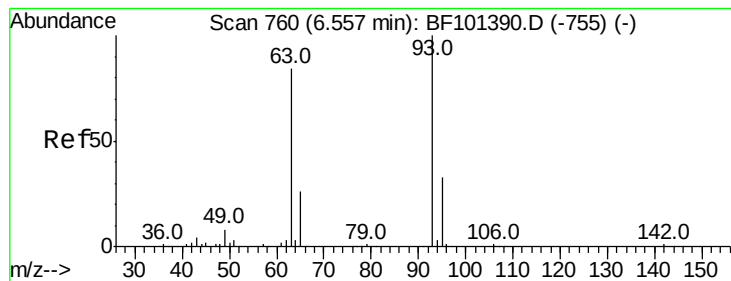
Tot Ion: 77 Resp: 254478
Ion Ratio Lower Upper
77 100
105 101.6 81.1 121.1
106 97.5 74.5 114.5



#10
Phenol
Concen: 36.913 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion: 94 Resp: 436923
Ion Ratio Lower Upper
94 100
65 36.7 7.9 47.9
66 56.5 16.2 56.2#



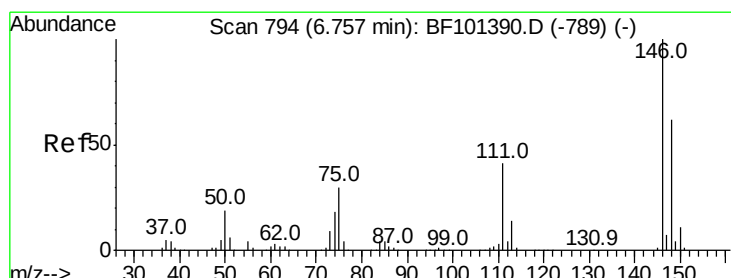
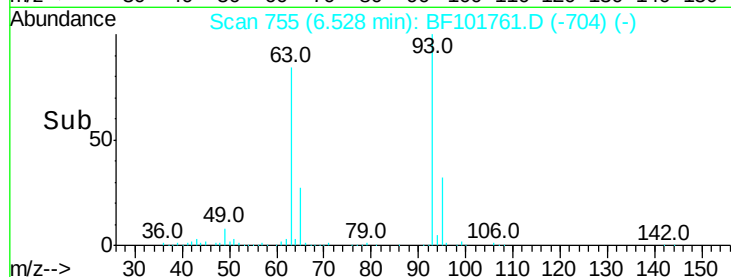
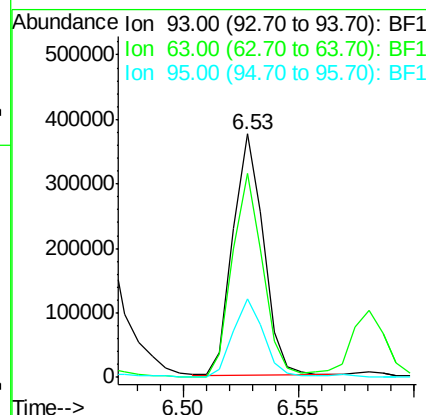
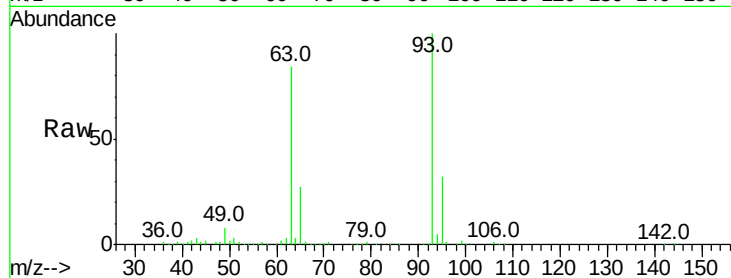


#11

bis(2-Chloroethyl)ether
Concen: 37.284 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampleId :

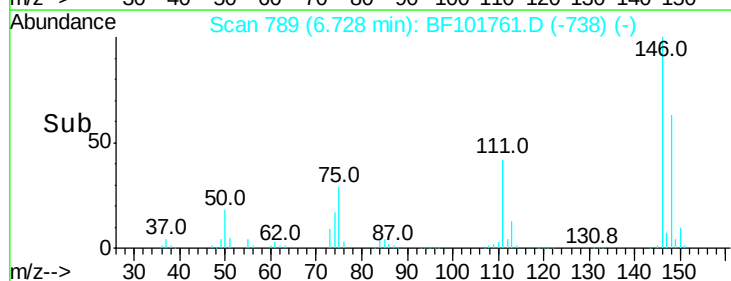
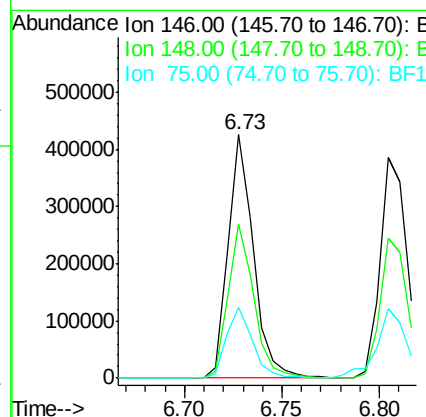
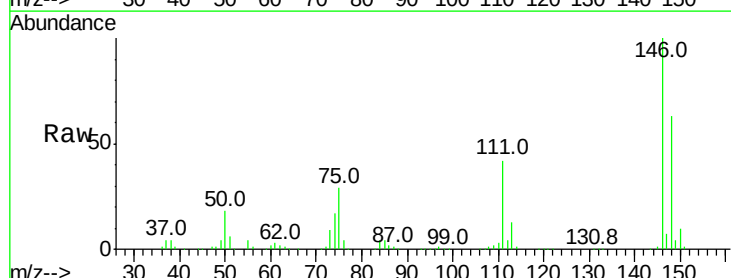
Tot Ion:	93	Resp:	346166
Ion	Ratio	Lower	Upper
93	100		
63	83.6	58.6	98.6
95	32.3	11.8	51.8

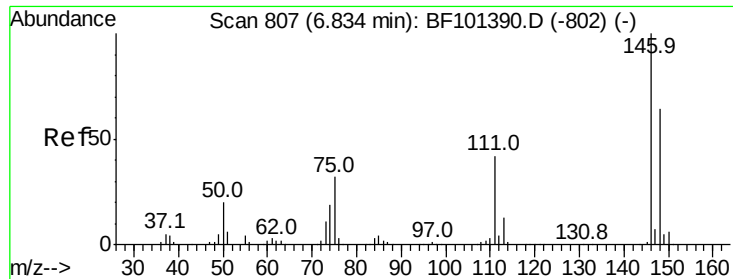


#12

1,3-Dichlorobenzene
Concen: 38.855 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion:	146	Resp:	384935
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	29.1	24.2	36.4

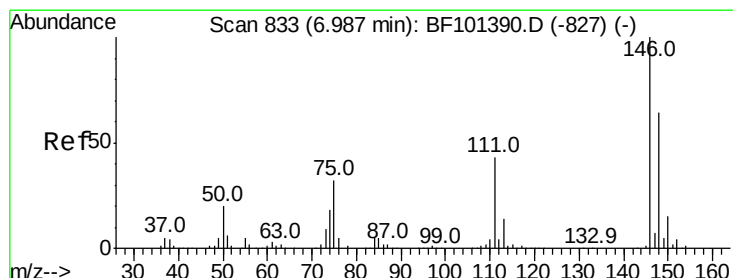
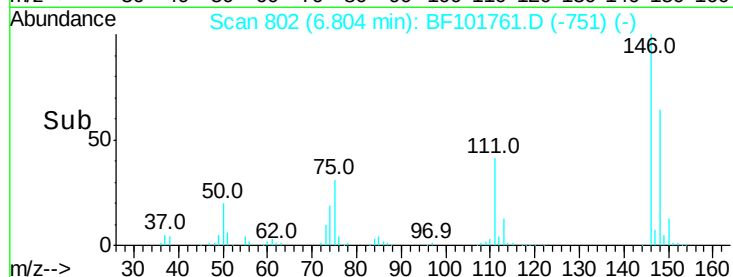
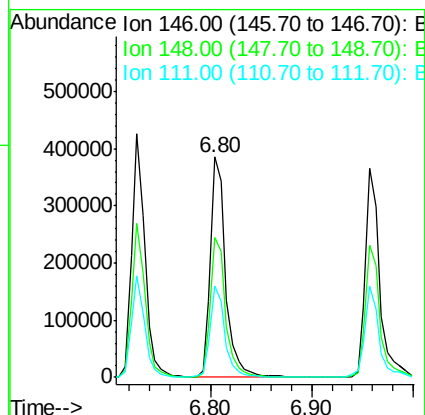
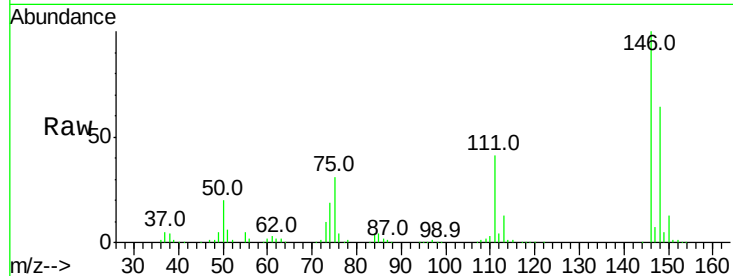




#13
 1,4-Dichlorobenzene
 Concen: 39.667 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

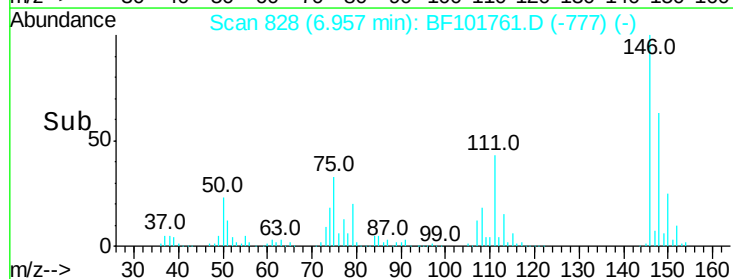
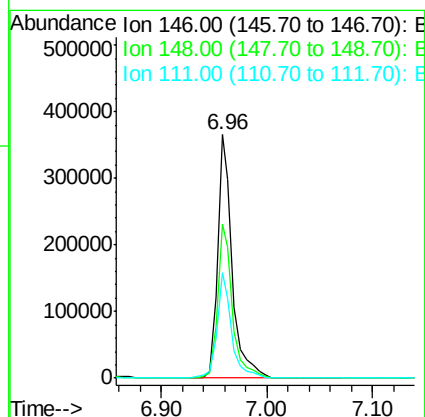
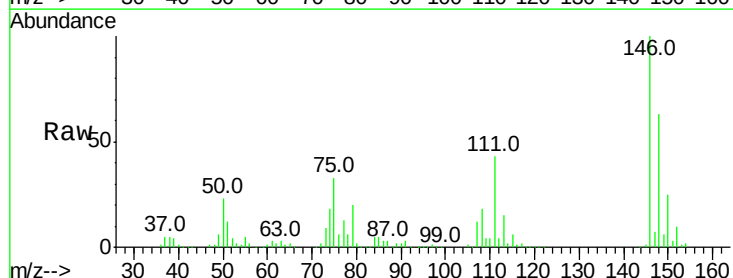
Instrument :
 BNA_F
 ClientSampled :

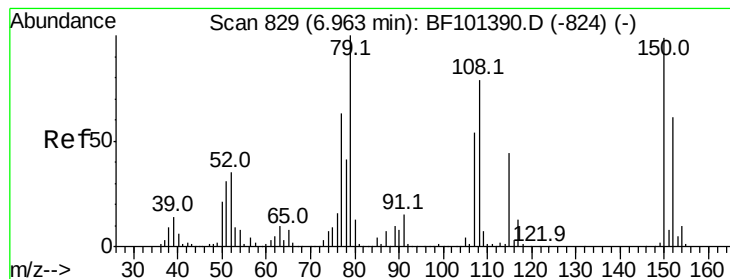
Tot Ion:146 Resp: 401306
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.317 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion:146 Resp: 358033
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 43.5 36.0 54.0

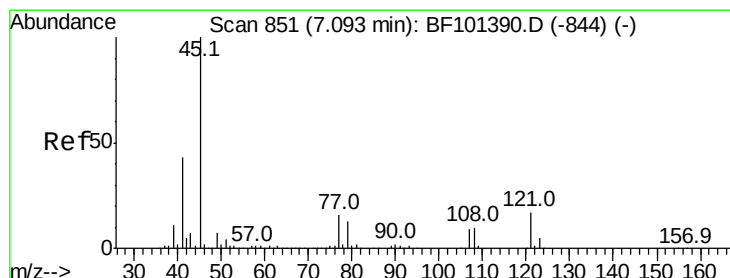
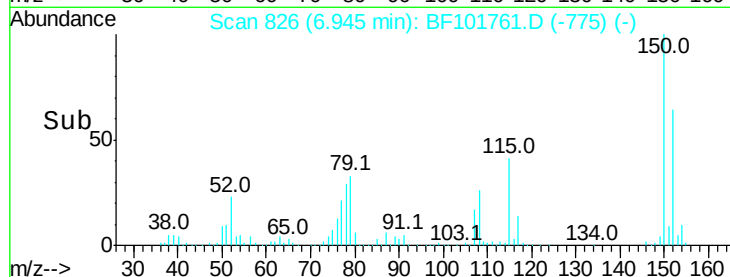
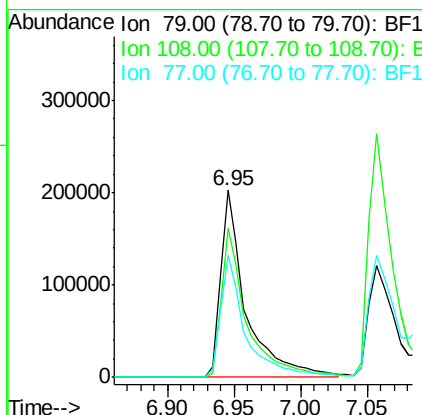
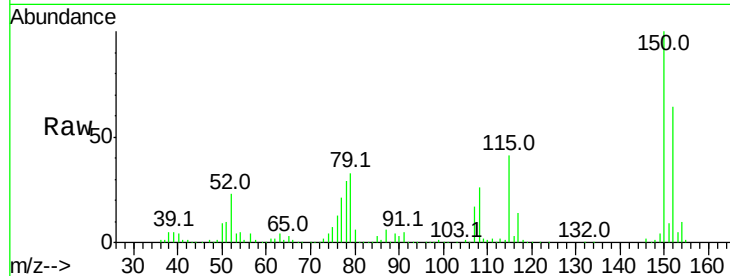




#15
Benzyl Alcohol
Concen: 37.569 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

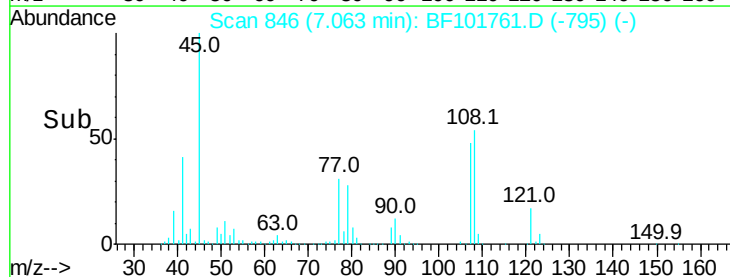
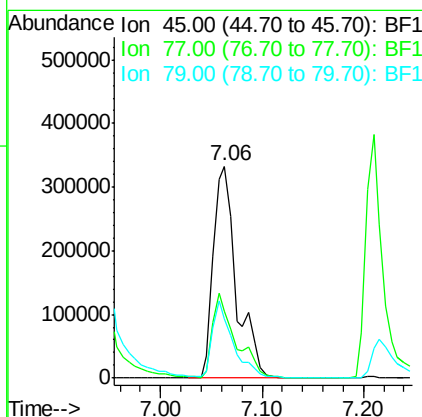
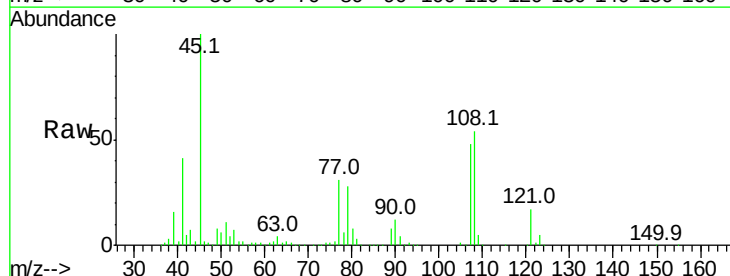
Instrument :
BNA_F
ClientSampleId :

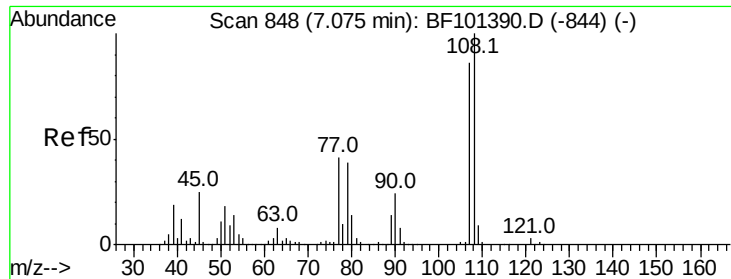
Tot Ion: 79 Resp: 268544
Ion Ratio Lower Upper
79 100
108 79.4 65.1 97.7
77 65.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.916 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion: 45 Resp: 524564
Ion Ratio Lower Upper
45 100
77 31.4 0.0 32.9
79 28.2 0.0 29.6

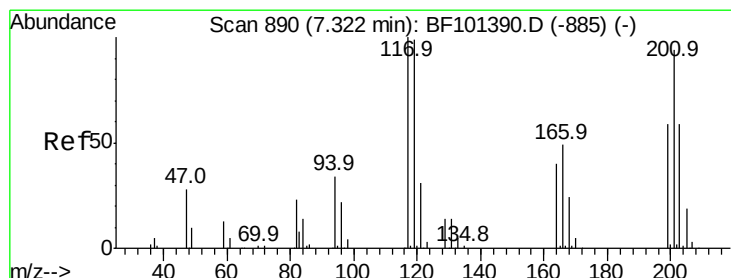
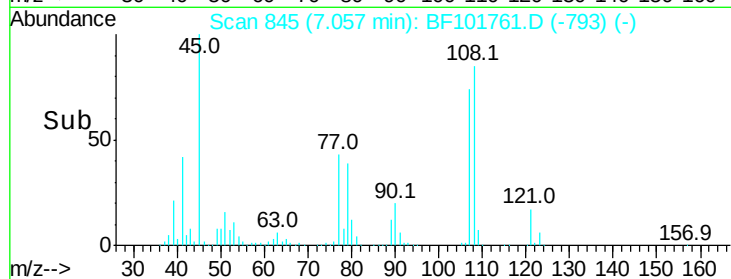
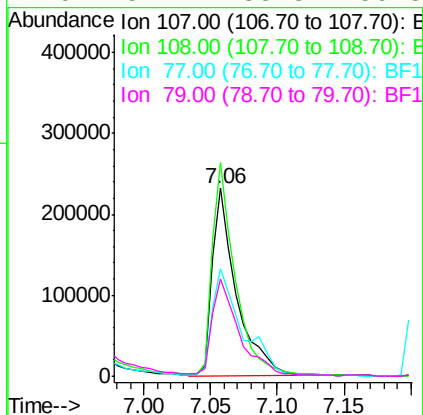
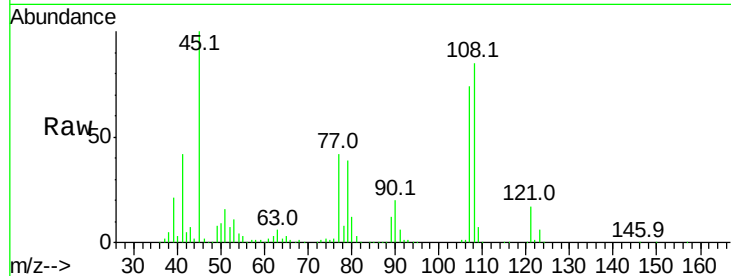




#17
2-Methylphenol
Concen: 36.320 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

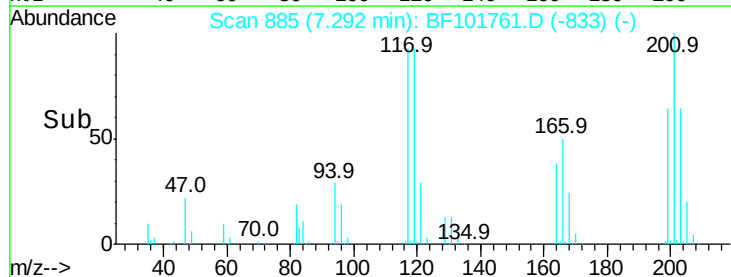
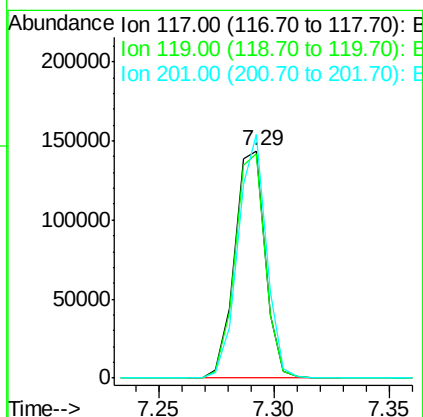
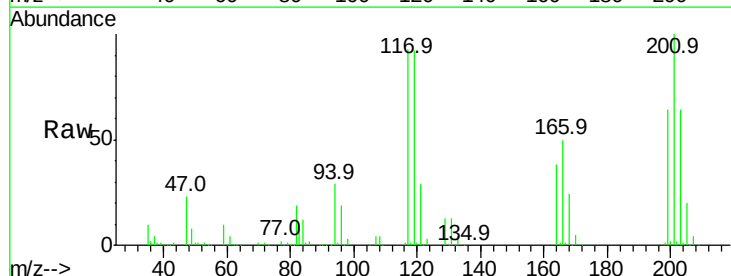
Instrument :
BNA_F
ClientSampleId :

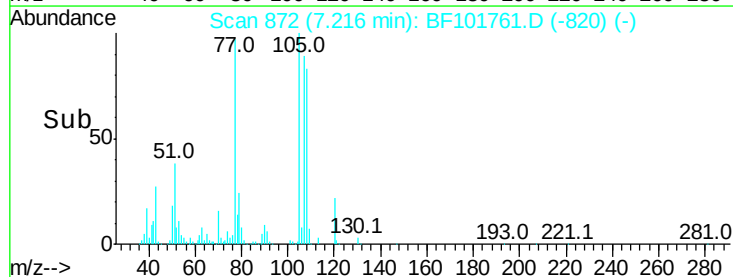
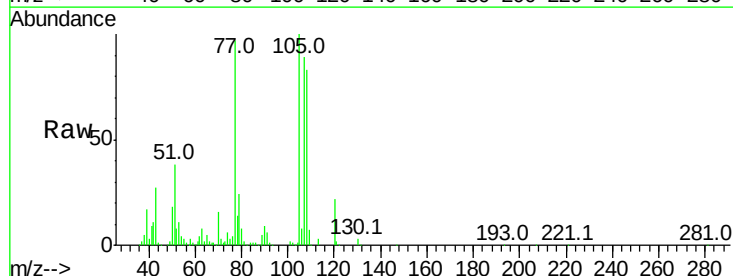
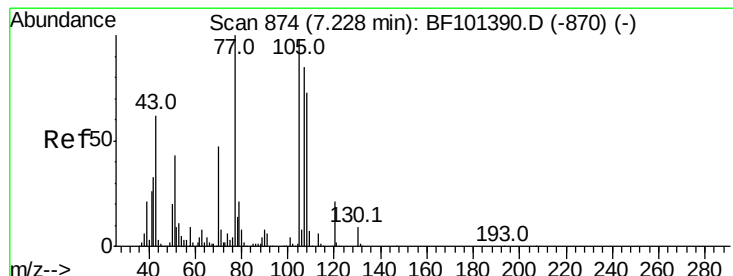
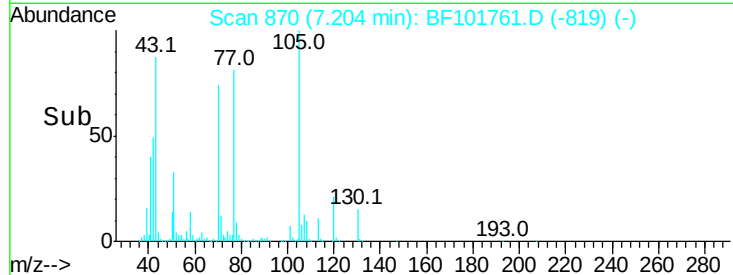
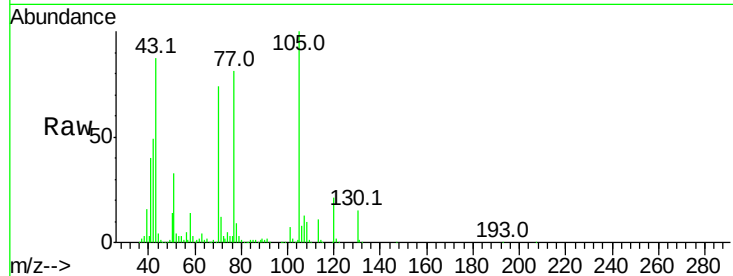
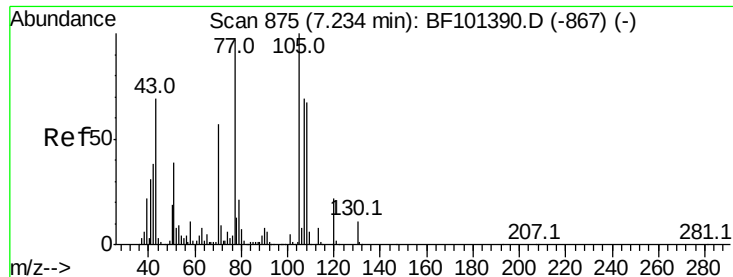
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	57.1	33.8	50.8#
79	52.1	33.8	50.8#



#18
Hexachloroethane
Concen: 37.863 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.8	113.8
201	107.0	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.319 ng

RT: 7.20 min Scan# 870

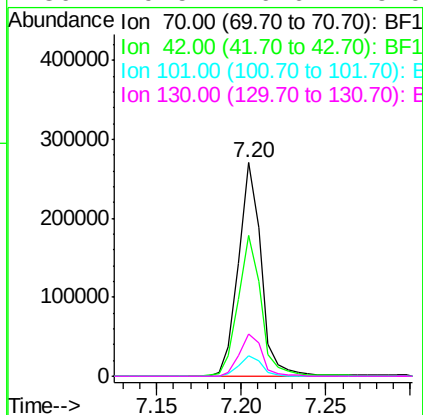
Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	9.8	7.4	11.2
130	19.5	16.6	25.0



#20

3+4-Methylphenols

Concen: 43.299 ng

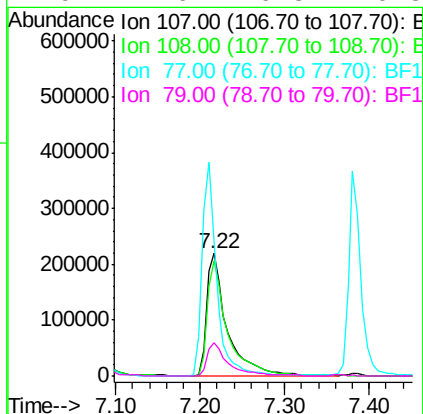
RT: 7.22 min Scan# 872

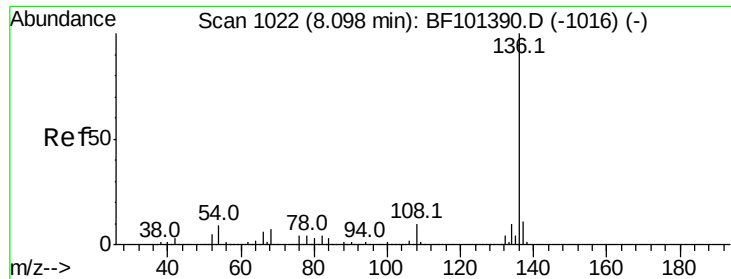
Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	68.2	108.2
77	110.0	26.7	66.7#
79	27.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 500103

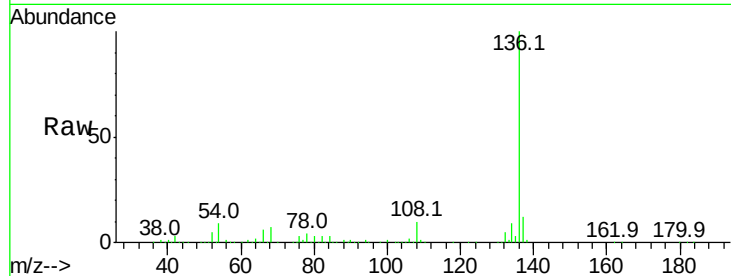
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

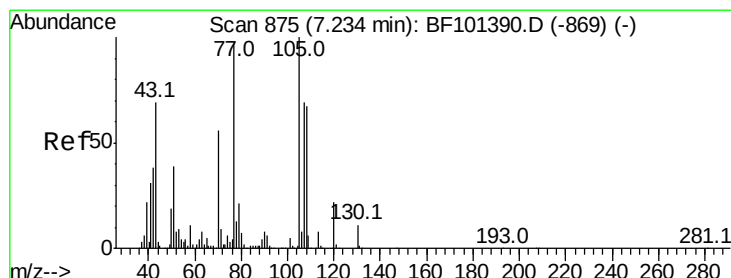
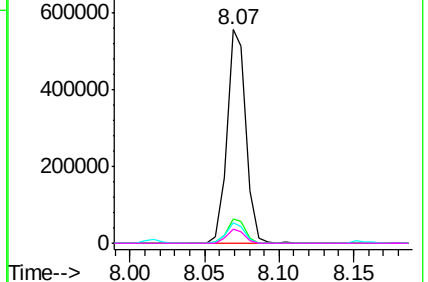
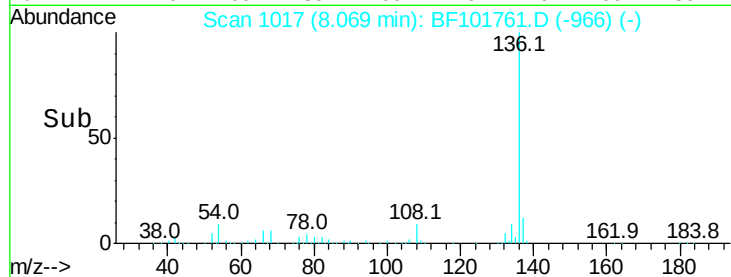


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.383 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Tgt Ion:105 Resp: 460814

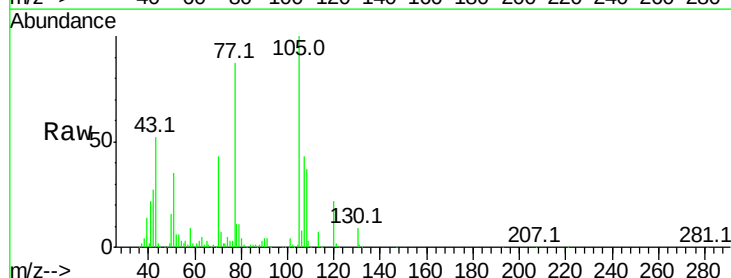
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 34.9 22.3 33.5#

120 21.7 16.9 25.3

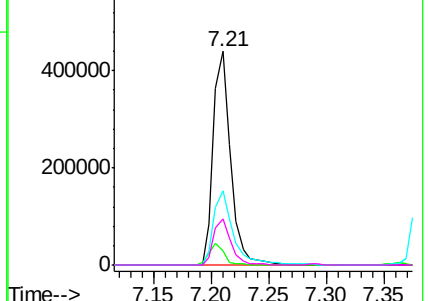
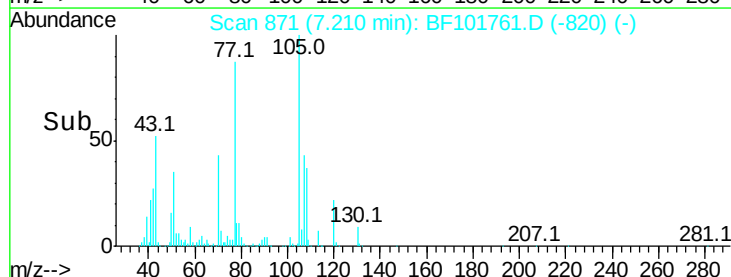


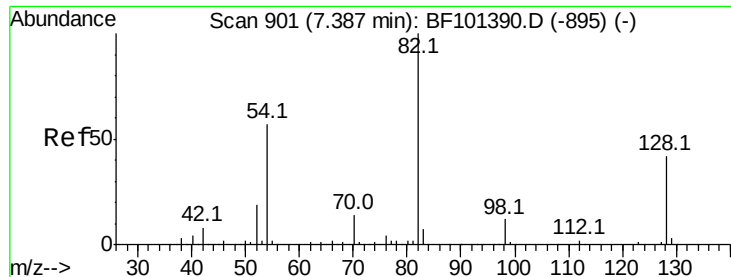
Abundance Ion 105.00 (104.70 to 105.70): E

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

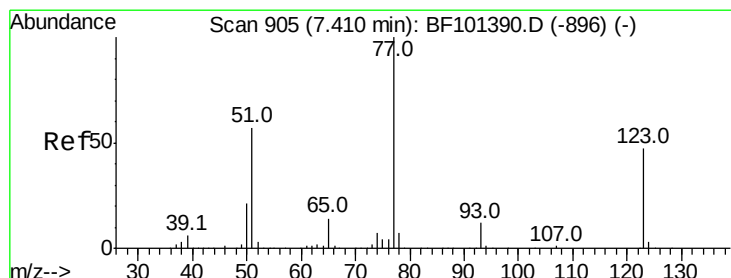
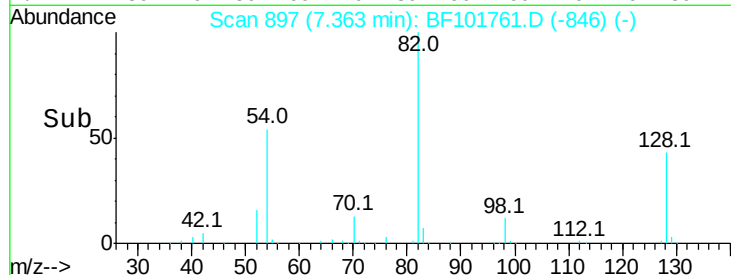
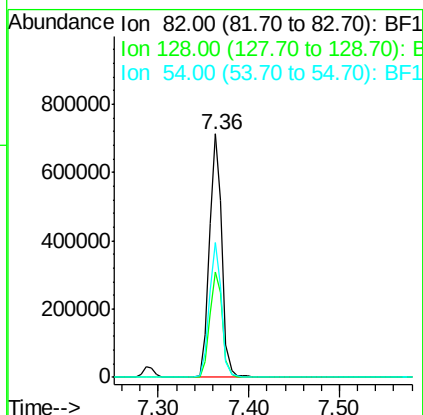
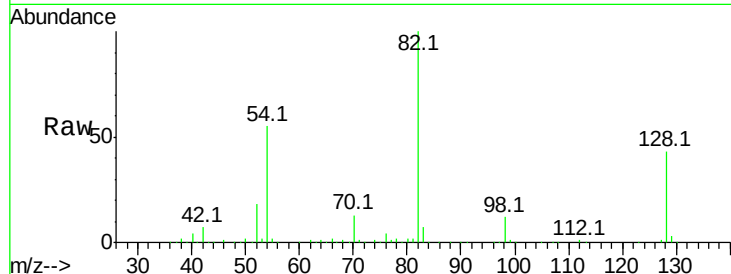




#23
Nitrobenzene-d5
Concen: 77.007 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

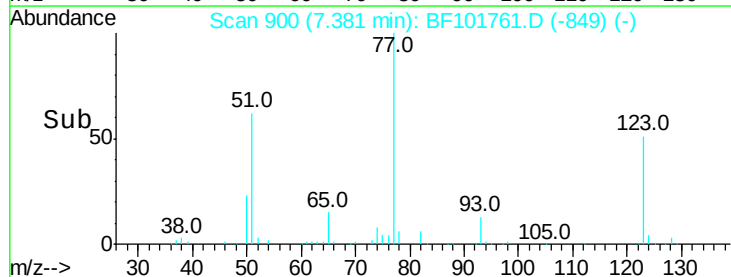
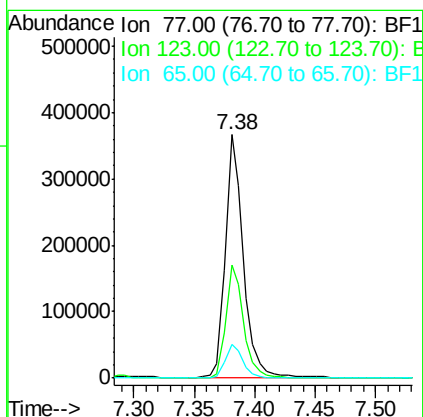
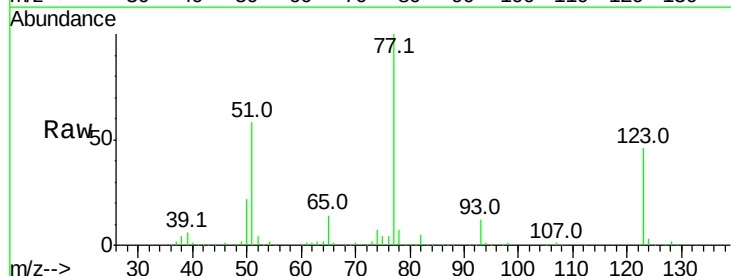
Instrument :
BNA_F
ClientSampleId :

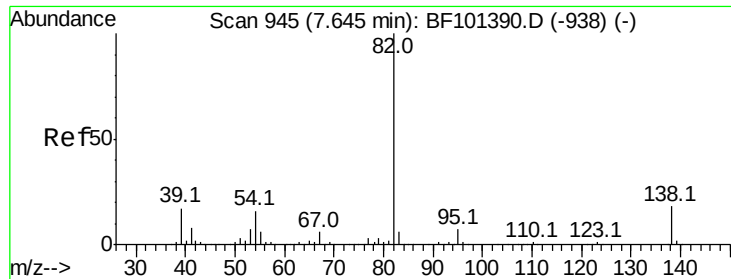
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	55.3	41.4	62.2



#24
Nitrobenzene
Concen: 37.494 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 36.342 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

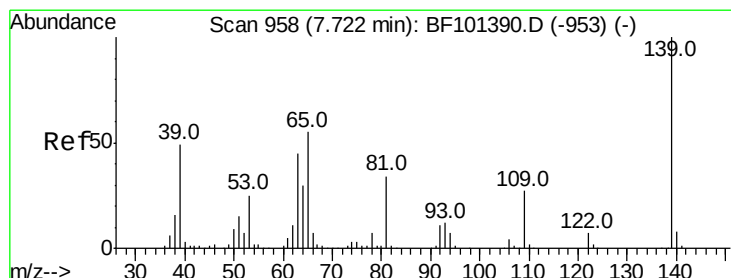
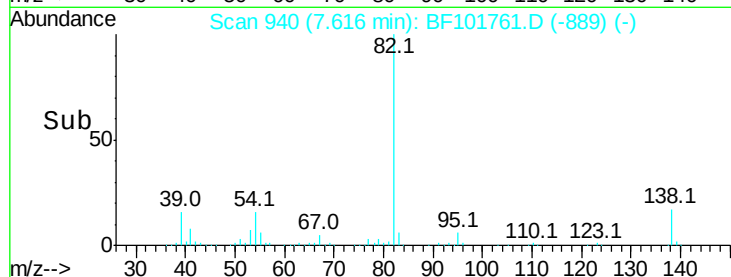
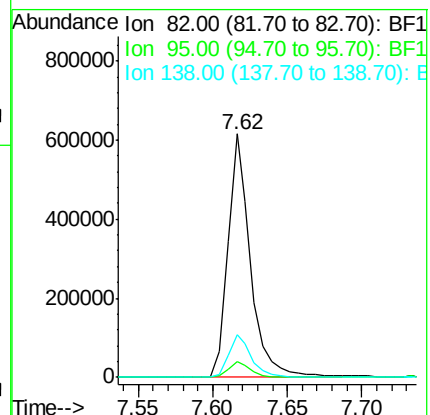
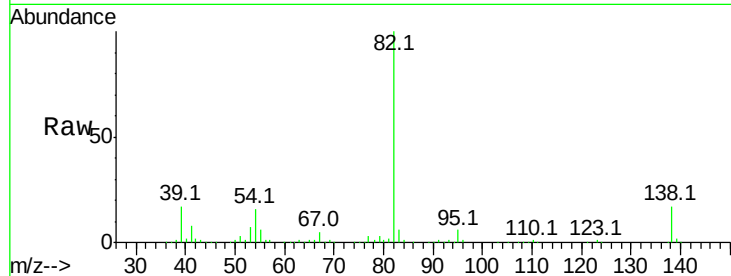
Tot Ion: 82 Resp: 654968

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 45.112 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

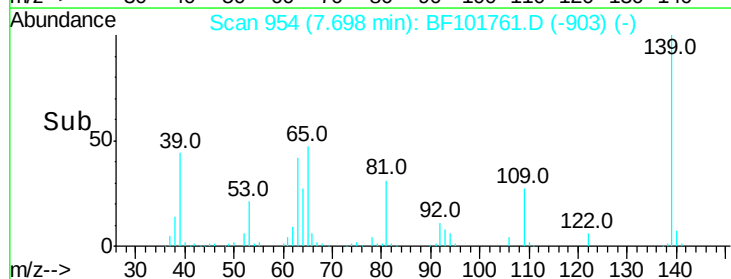
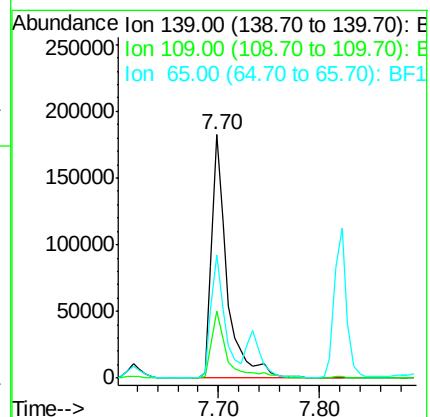
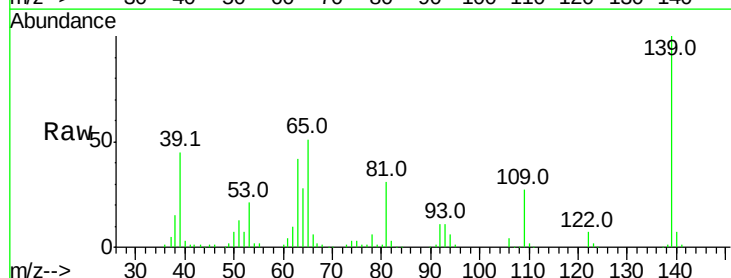
Tgt Ion: 139 Resp: 192705

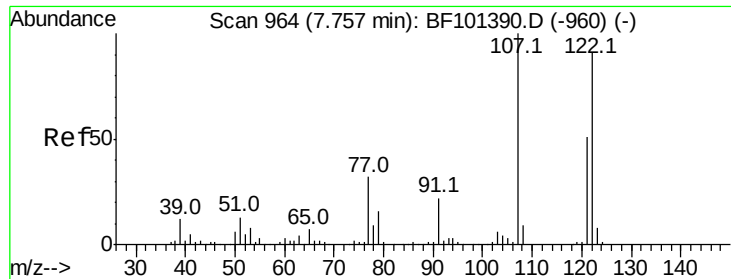
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 50.6 40.5 60.7

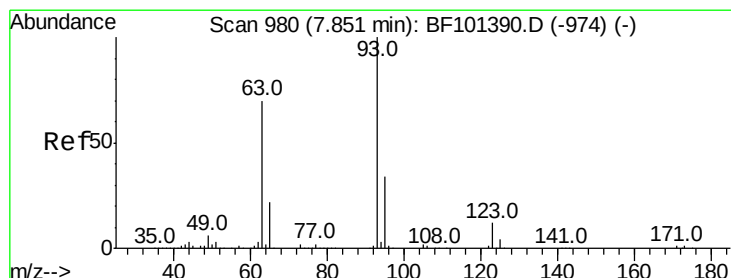
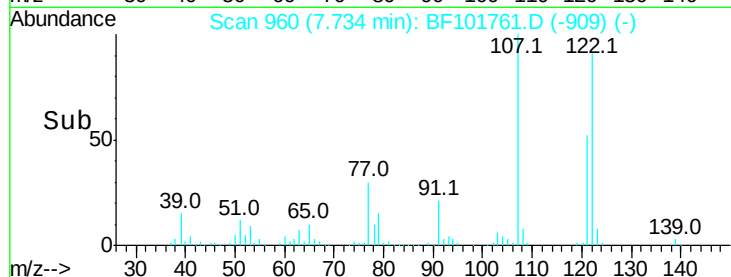
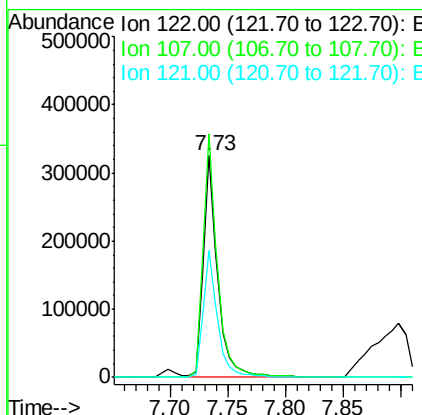
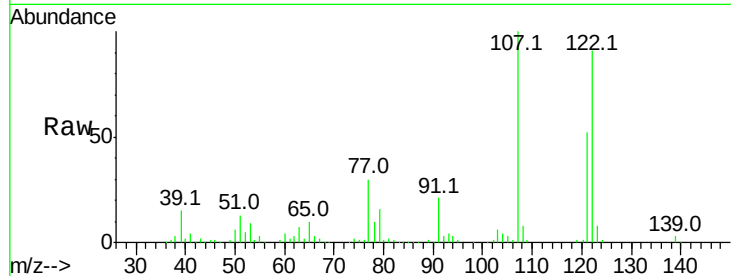




#27
 2,4-Dimethylphenol
 Concen: 39.335 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

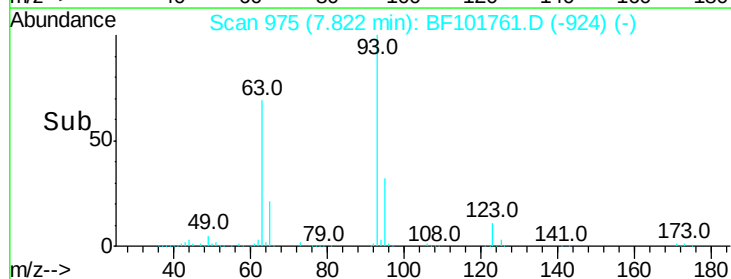
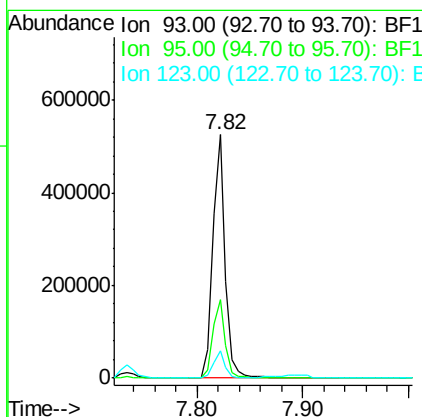
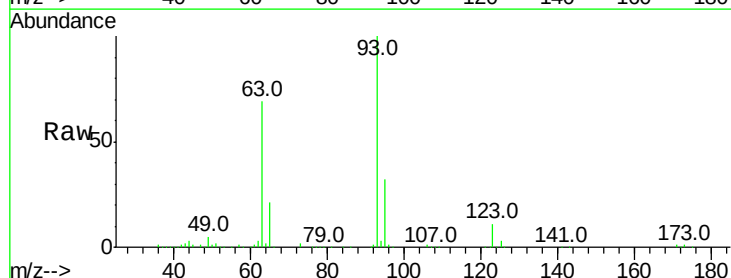
Instrument :
 BNA_F
 ClientSampled :

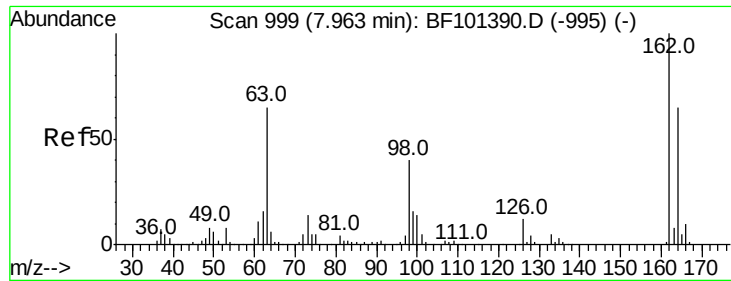
Tot Ion:122 Resp: 285459
 Ion Ratio Lower Upper
 122 100
 107 109.8 91.2 136.8
 121 57.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.025 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion: 93 Resp: 435323
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.1 9.8 14.6

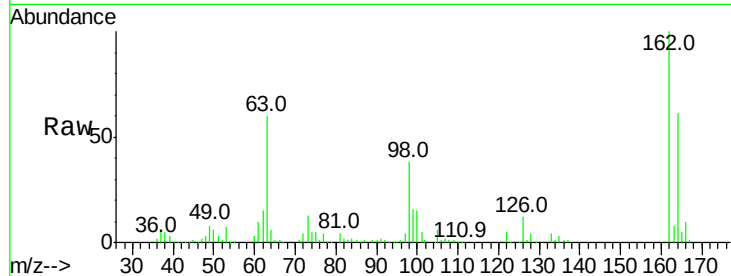




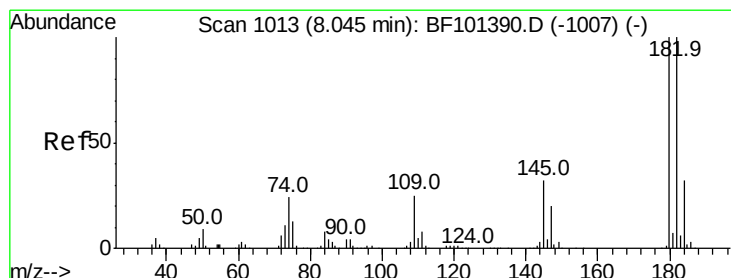
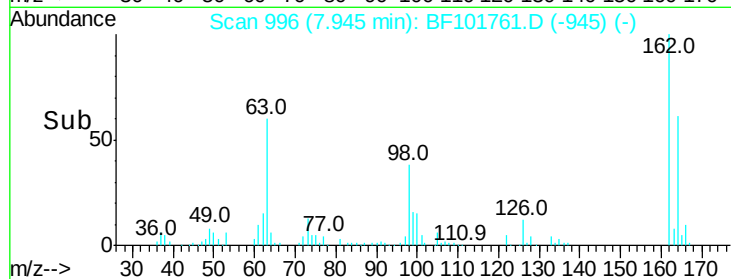
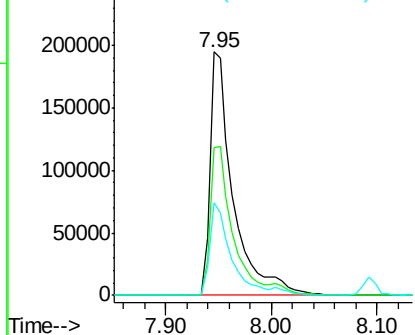
#29
 2,4-Dichlorophenol
 Concen: 41.520 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	42.7	82.7
98	38.1	18.1	58.1

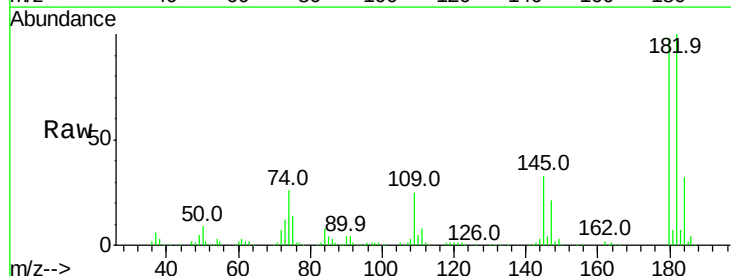


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

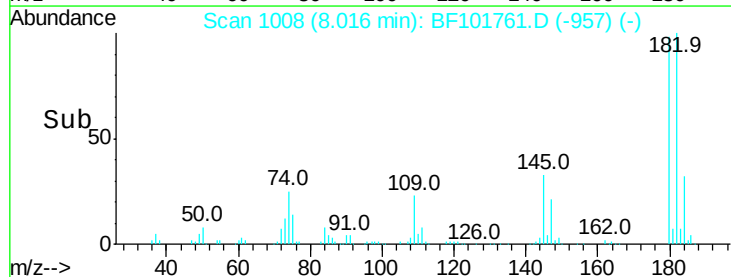
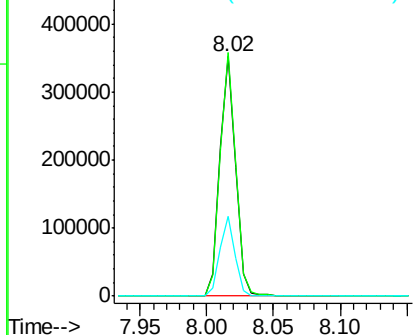


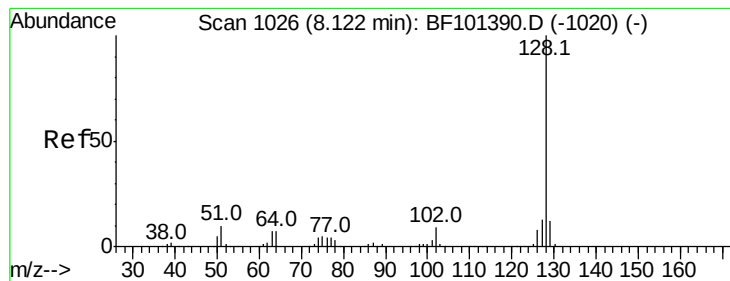
#30
 1,2,4-Trichlorobenzene
 Concen: 39.243 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	76.8	115.2
145	33.3	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.759 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampled :

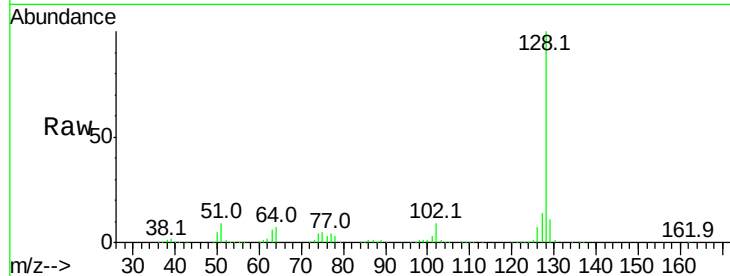
Tot Ion:128 Resp: 975829

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

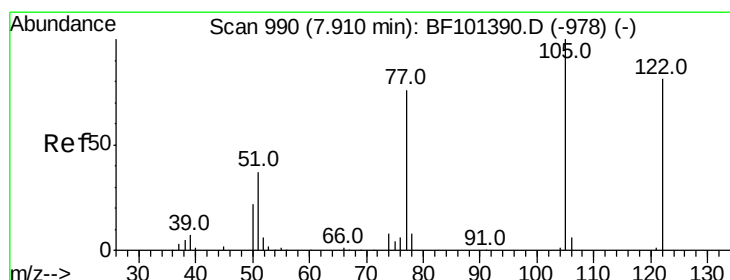
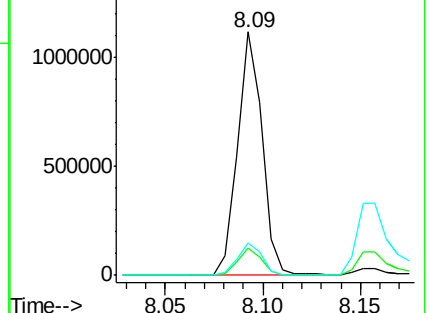
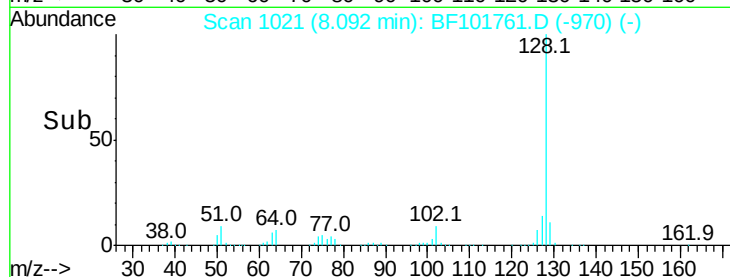
127 13.5 10.9 16.3



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: 41.936 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

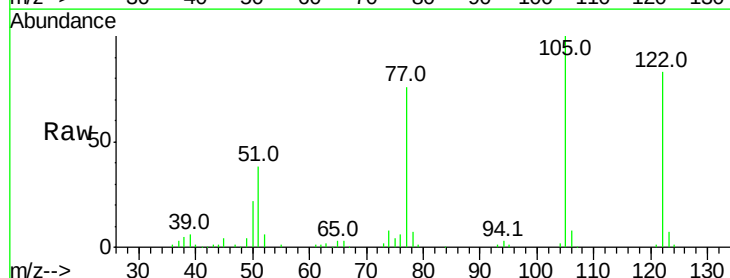
Tgt Ion:122 Resp: 199166

Ion Ratio Lower Upper

122 100

105 120.9 101.1 141.1

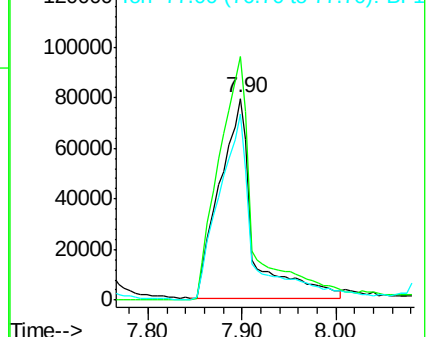
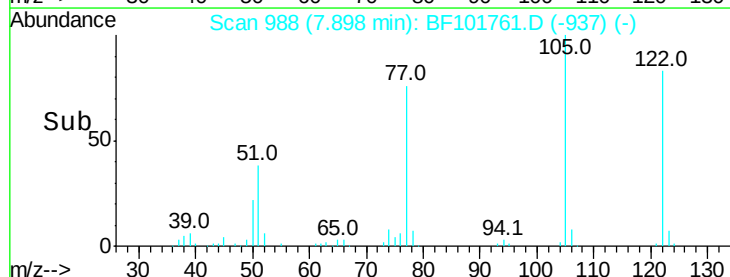
77 92.2 70.7 110.7

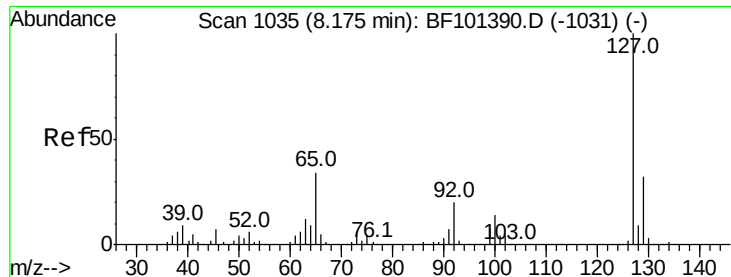


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

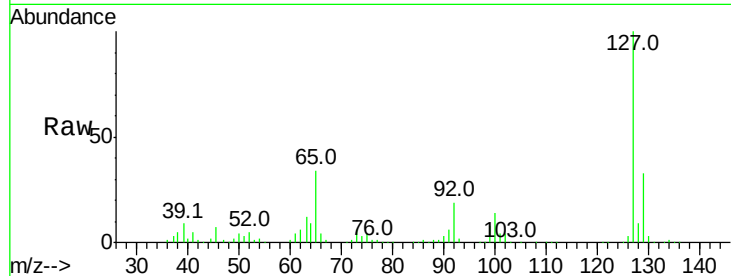




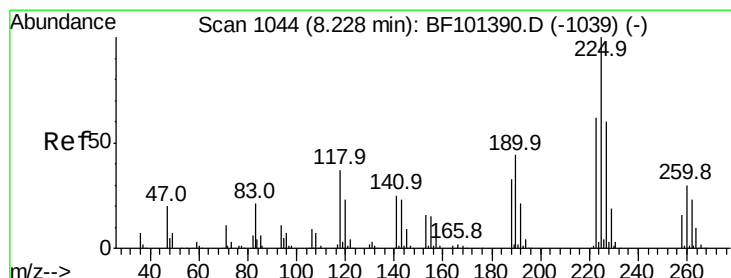
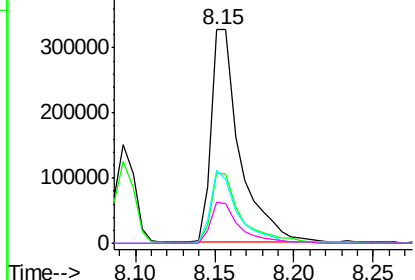
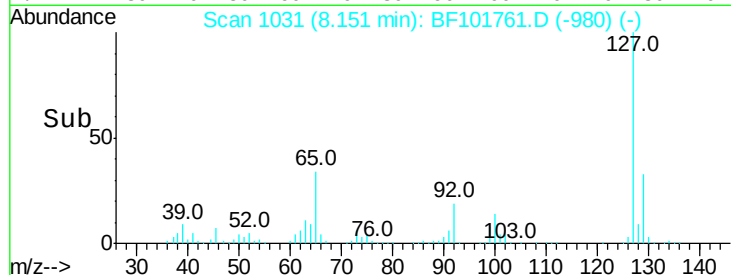
#33
 4-Chloroaniline
 Concen: 38.166 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	417642
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	34.3	25.0	37.4
92	19.4	15.2	22.8

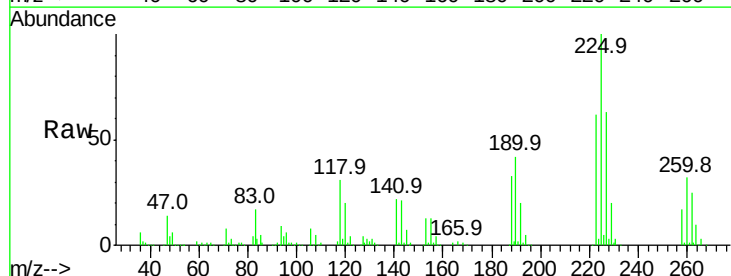


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

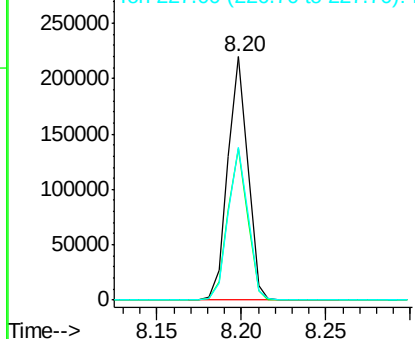
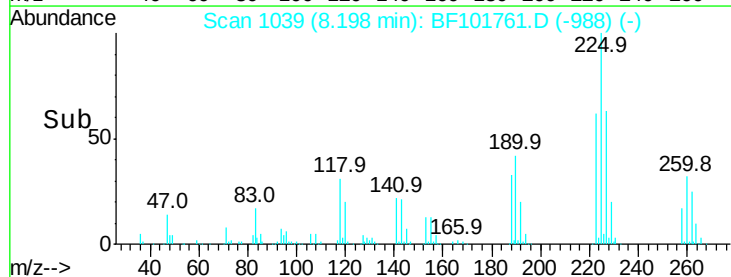


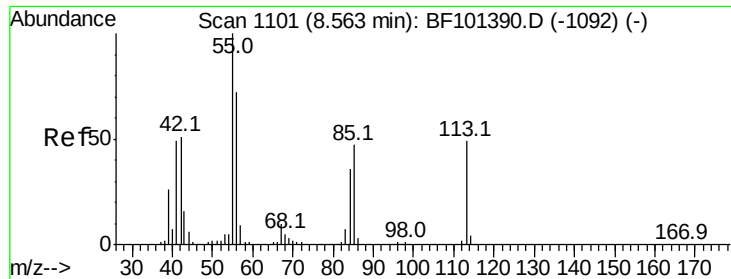
#34
 Hexachlorobutadiene
 Concen: 41.213 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion:	225	Resp:	180348
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.0	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

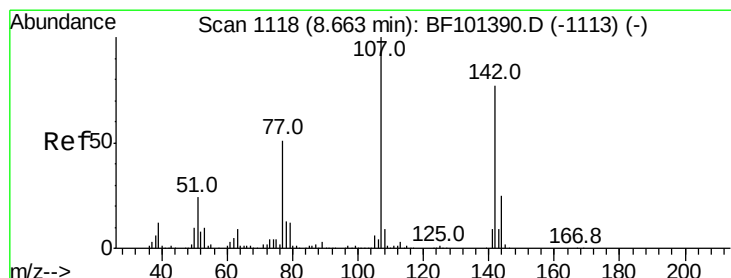
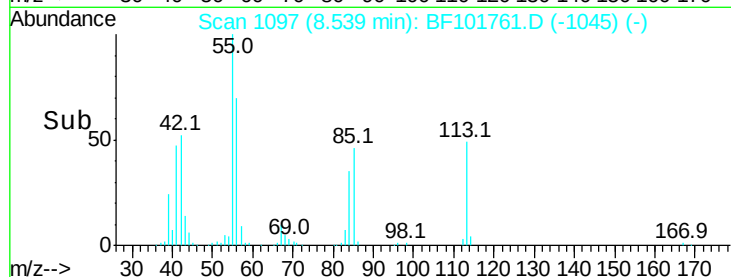
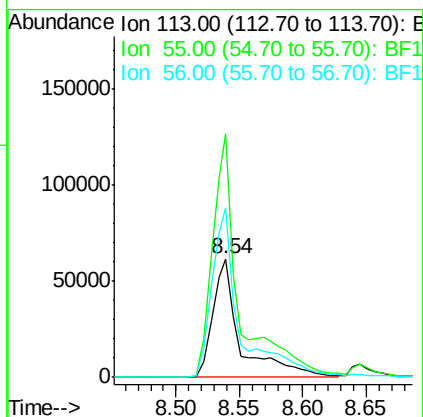
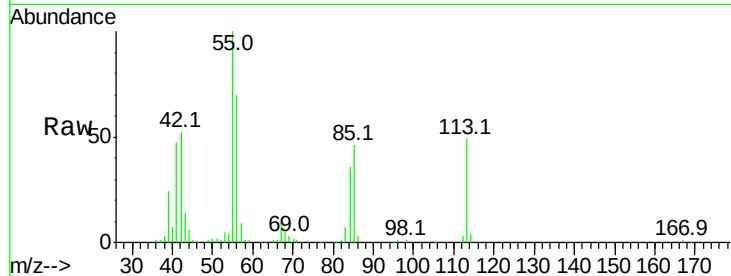




#35
 Caprolactam
 Concen: 38.047 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

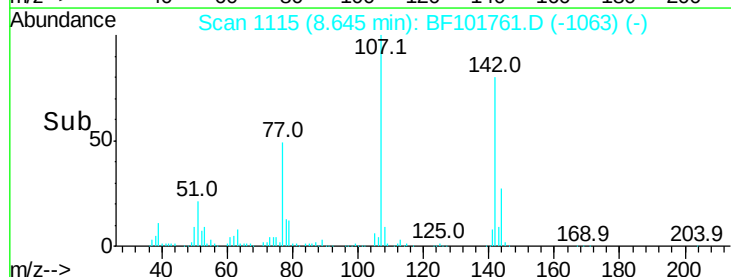
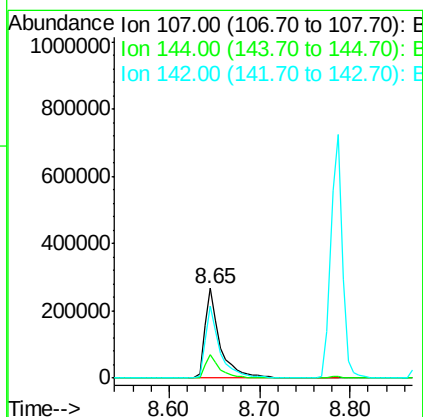
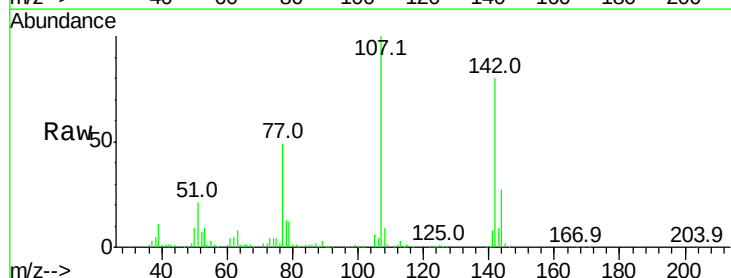
Instrument :
 BNA_F
 ClientSampleId :

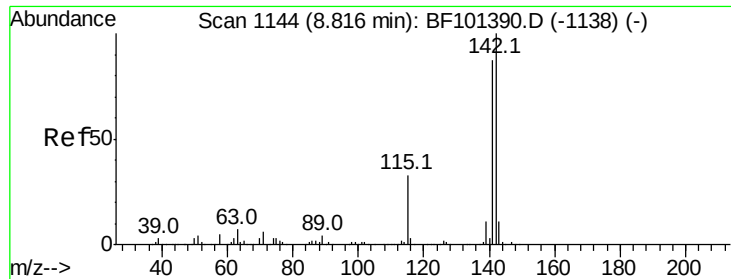
Tot Ion:113 Resp: 94720
 Ion Ratio Lower Upper
 113 100
 55 205.0 163.3 203.3#
 56 142.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.831 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion:107 Resp: 313879
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 80.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.820 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

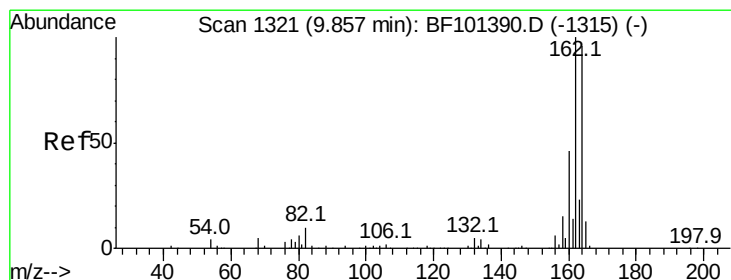
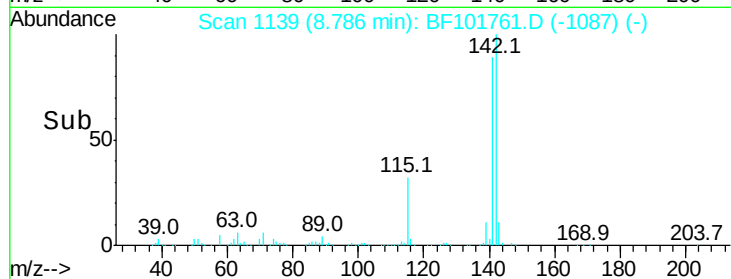
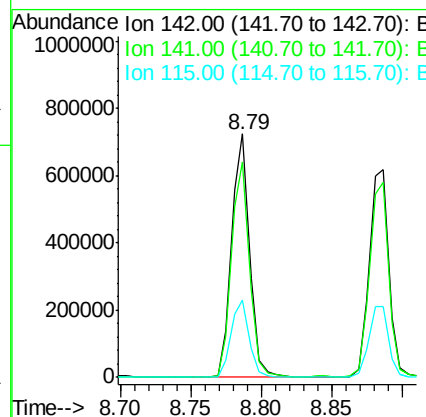
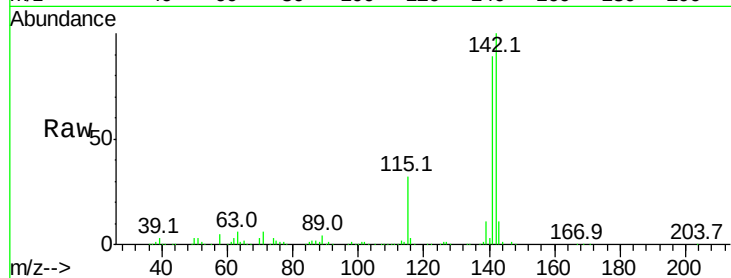
Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 636771

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.9	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

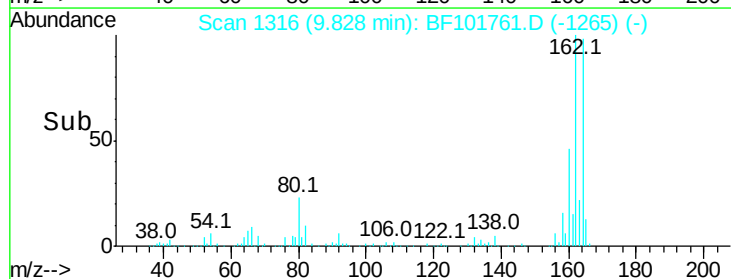
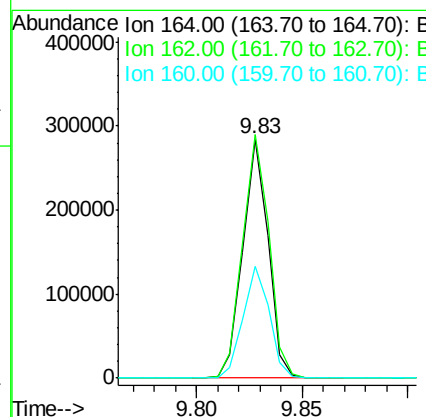
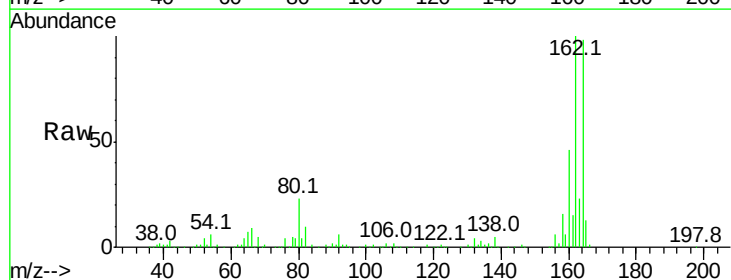
Delta R.T. 0.00 min

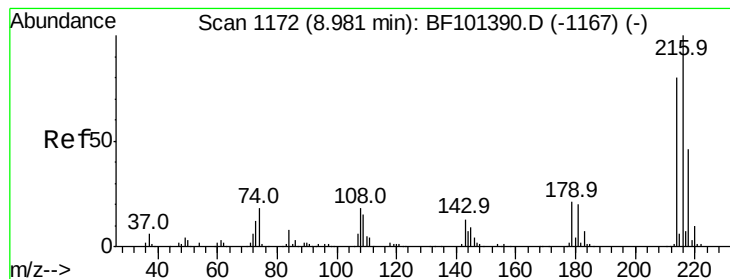
Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Tgt Ion:164 Resp: 234491

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.562 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 313211

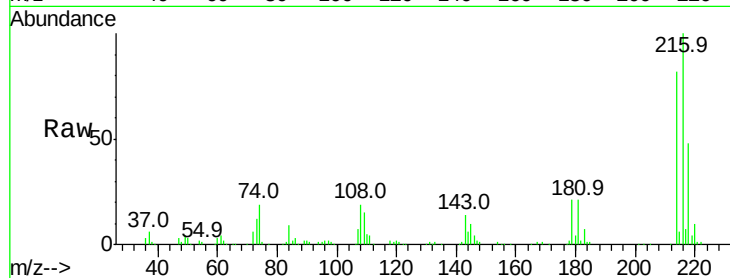
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.7 18.1 27.1

108 17.9 17.2 25.8

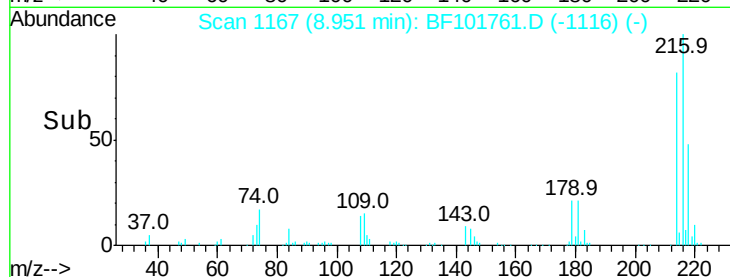


Abundance Ion 216.00 (215.70 to 216.70): E

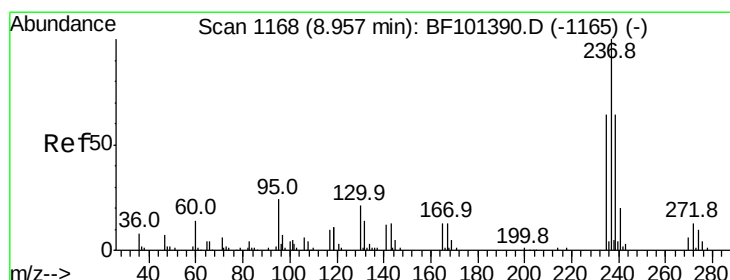
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 36.242 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

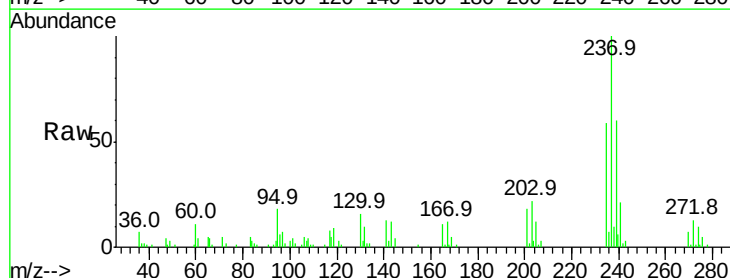
Tgt Ion:237 Resp: 36122

Ion Ratio Lower Upper

237 100

235 59.5 44.8 84.8

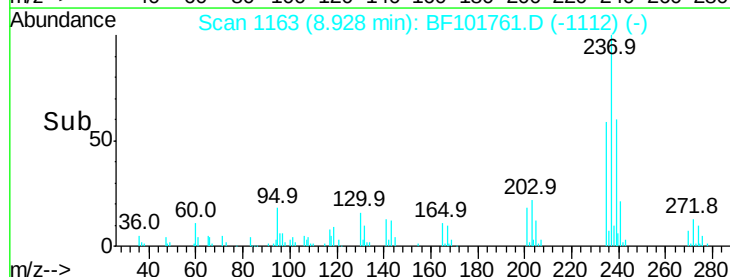
272 13.2 0.0 33.3



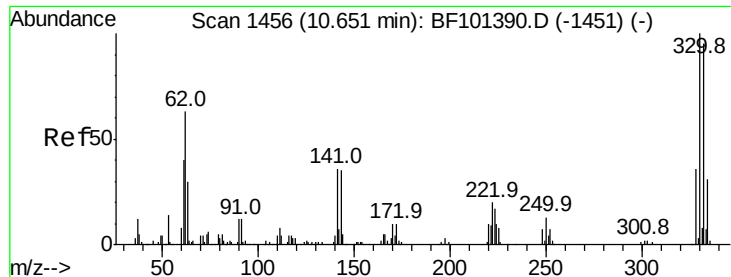
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



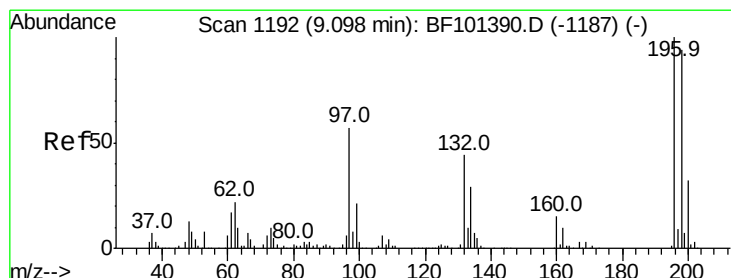
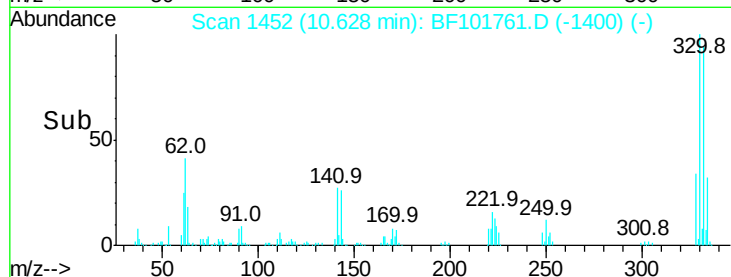
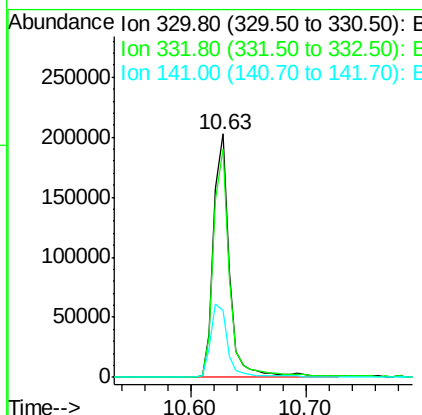
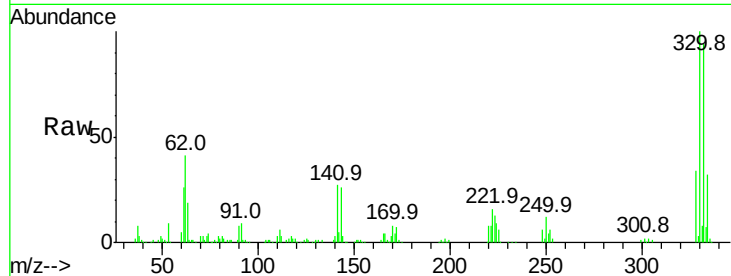
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 86.800 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

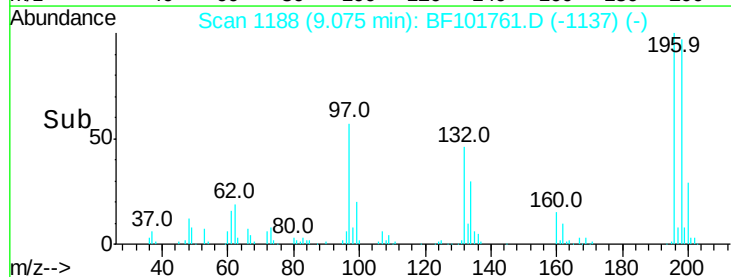
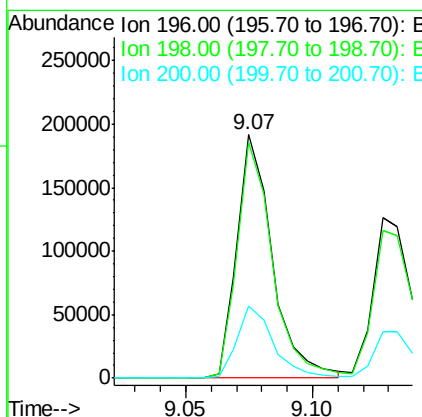
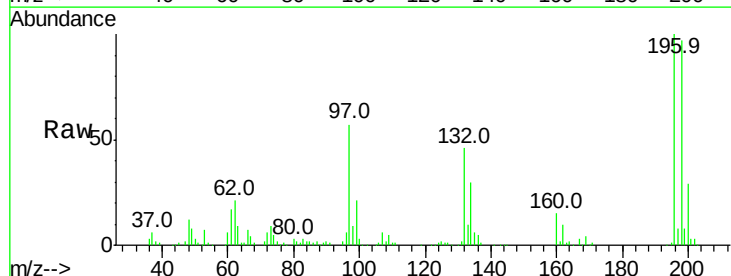
Instrument :
 BNA_F
 ClientSampled :

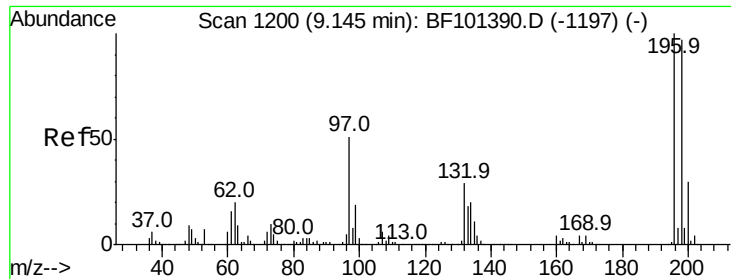
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	31.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.288 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	29.4	24.5	36.7

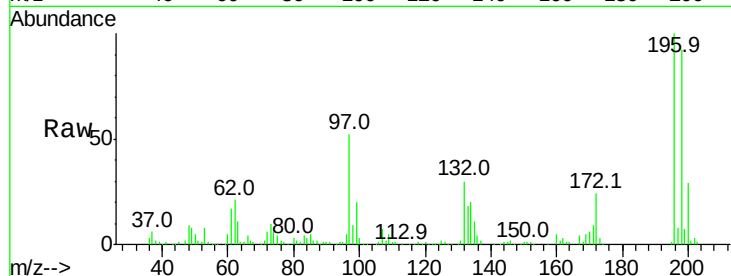




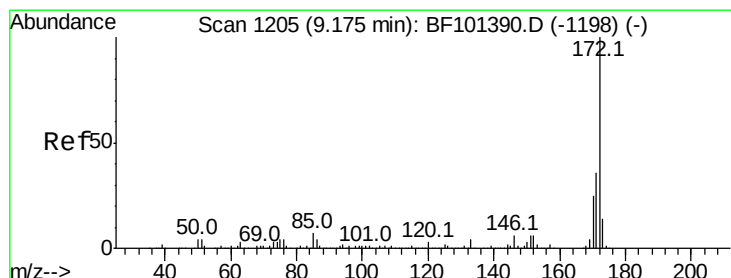
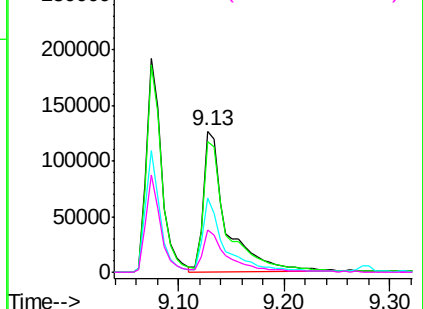
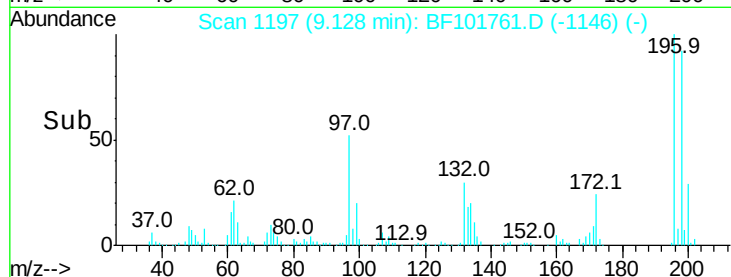
#43
 2,4,5-Trichlorophenol
 Concen: 36.166 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	188743
Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.6	112.0
97	52.3	42.9	64.3
132	30.1	26.3	39.5

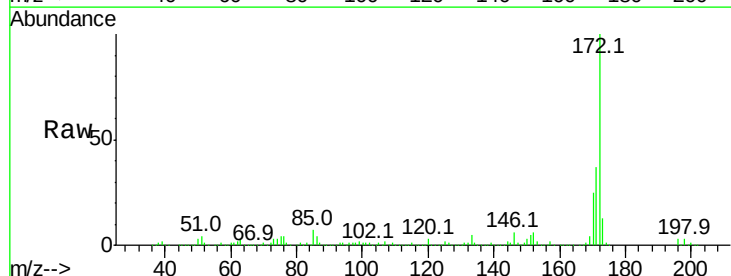


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

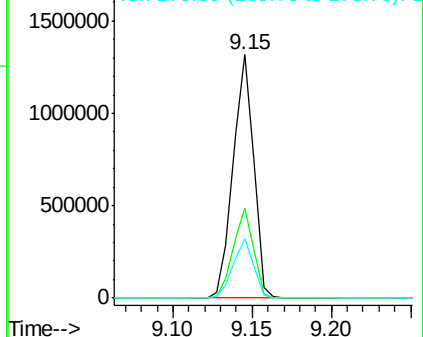
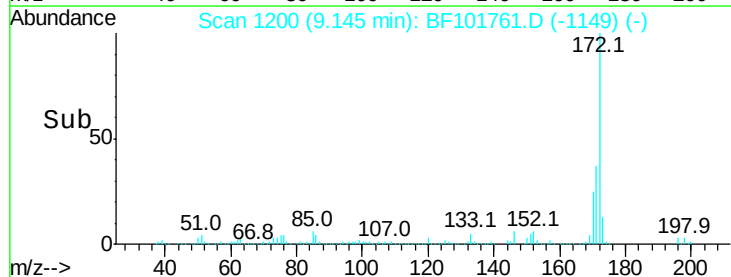


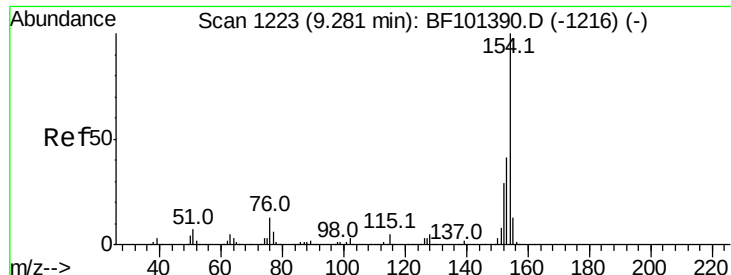
#44
 2-Fluorobiphenyl
 Concen: 78.695 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion:	172	Resp:	1189579
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.5	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

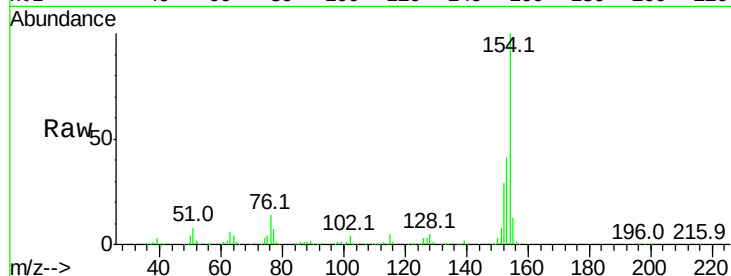




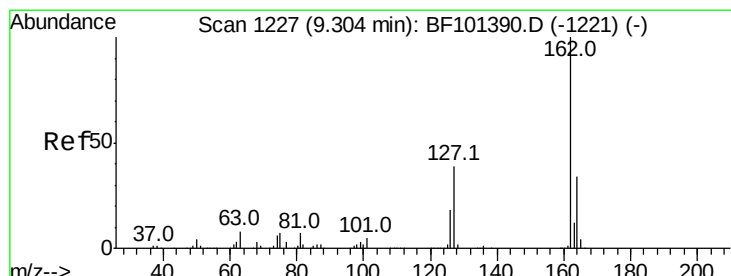
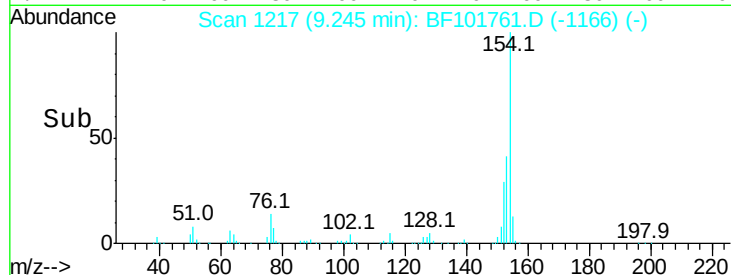
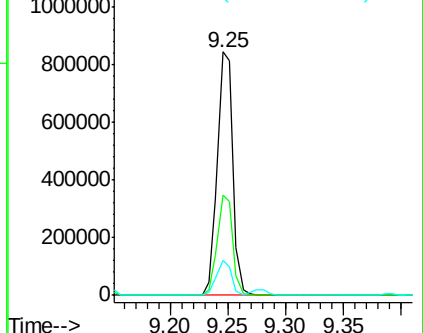
#45
 1,1'-Biphenyl
 Concen: 38.224 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	14.4	0.0	34.0

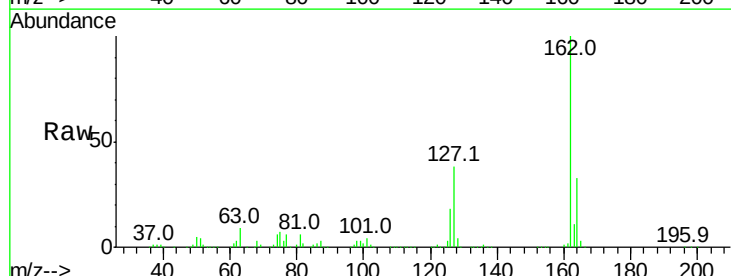


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

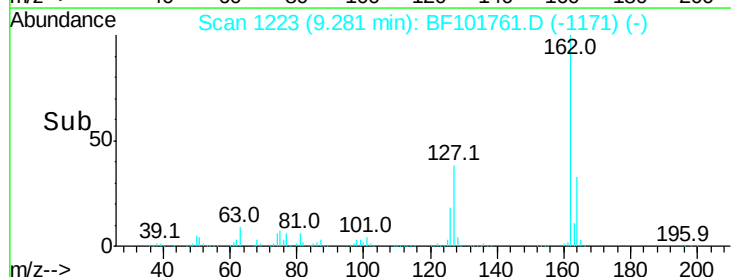
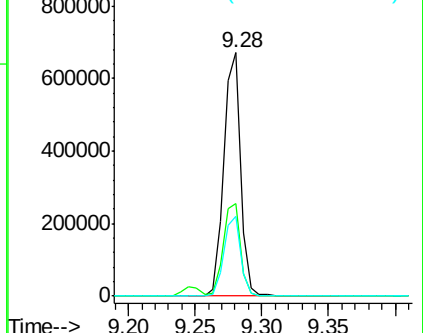


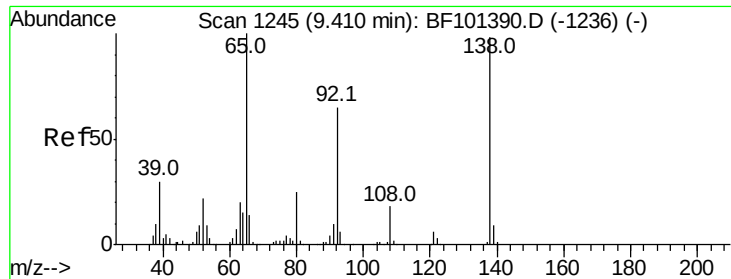
#46
 2-Chloronaphthalene
 Concen: 37.902 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	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

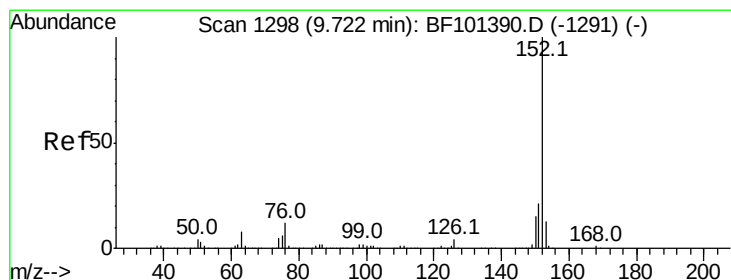
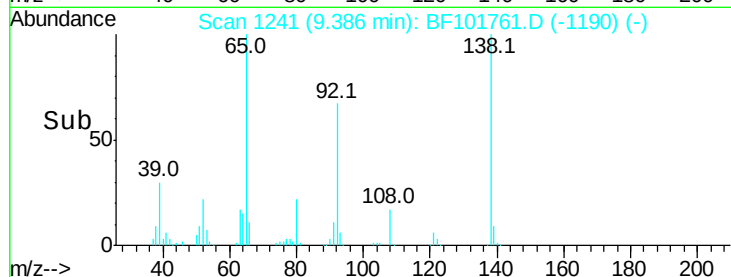
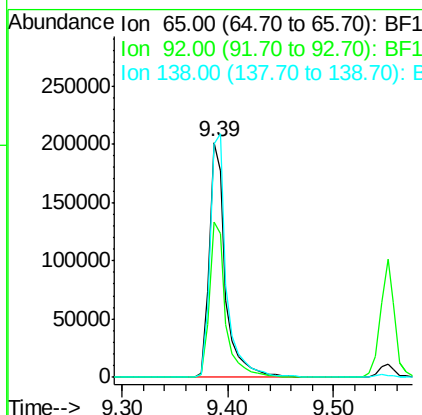
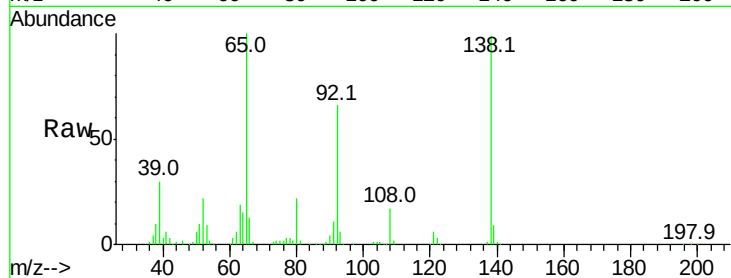




#47
2-Nitroaniline
Concen: 39.173 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

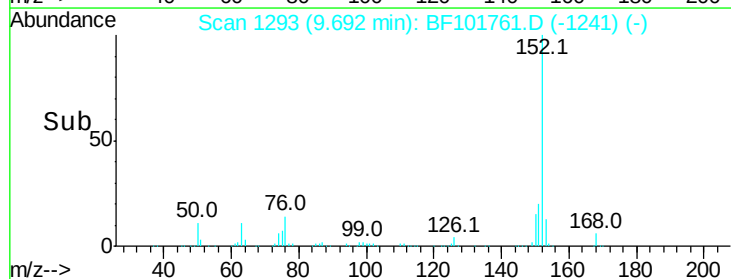
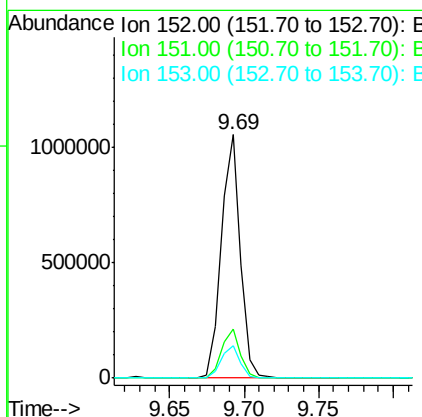
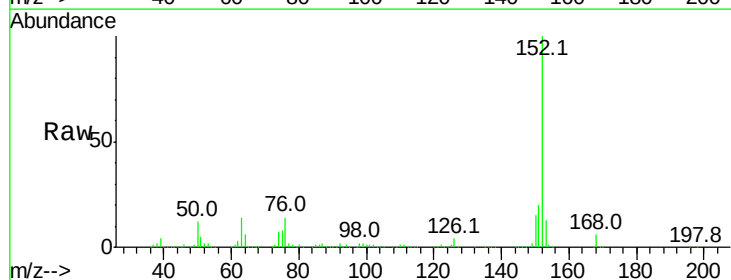
Instrument :
BNA_F
ClientSampleId :

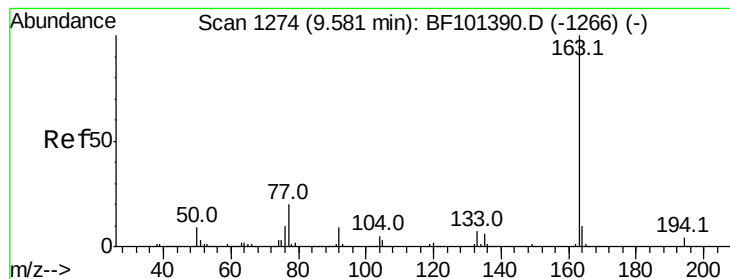
Tot Ion: 65 Resp: 215329
Ion Ratio Lower Upper
65 100
92 66.3 55.8 83.6
138 99.4 91.2 136.8



#48
Acenaphthylene
Concen: 37.713 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion: 152 Resp: 947834
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 36.909 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampled :

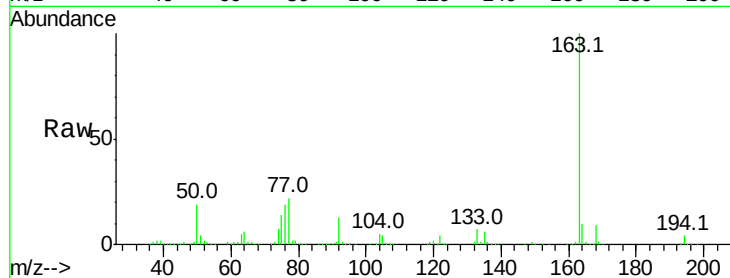
Tot Ion:163 Resp: 696155

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

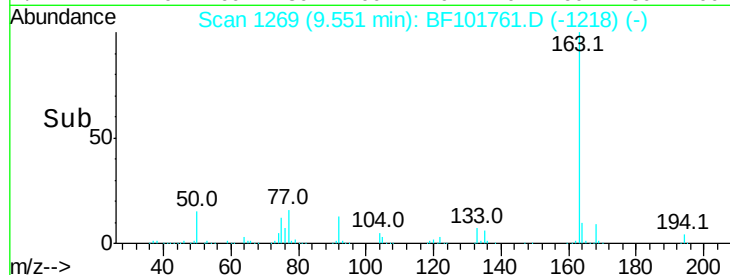
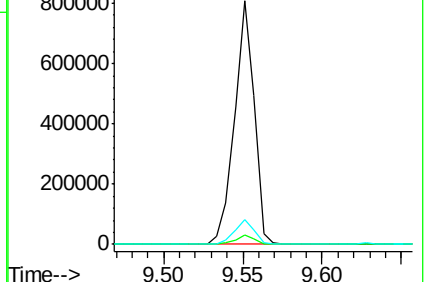
164 10.3 8.2 12.2



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: 39.323 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

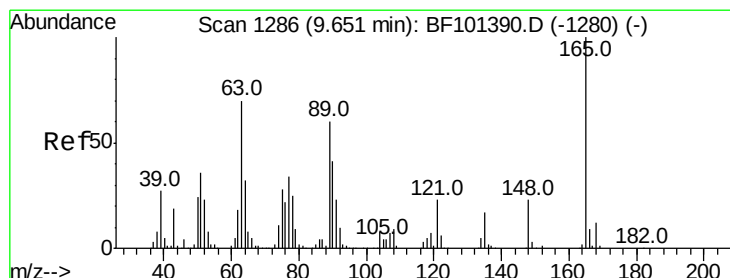
Tgt Ion:165 Resp: 150744

Ion Ratio Lower Upper

165 100

63 78.2 44.7 67.1#

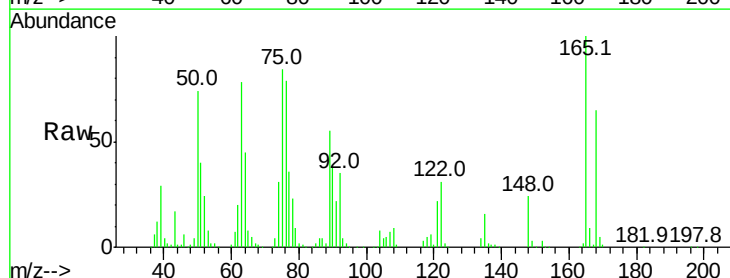
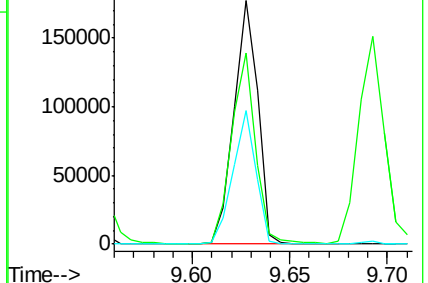
89 54.7 44.0 66.0

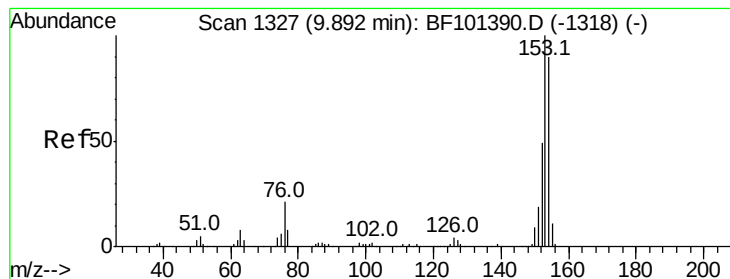


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.286 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampled :

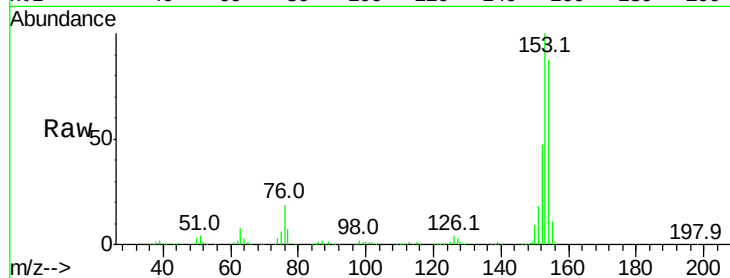
Tot Ion:154 Resp: 578113

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

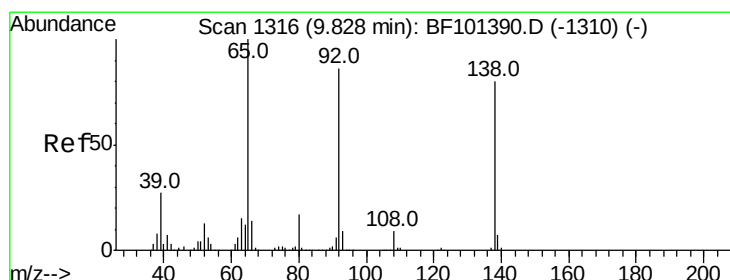
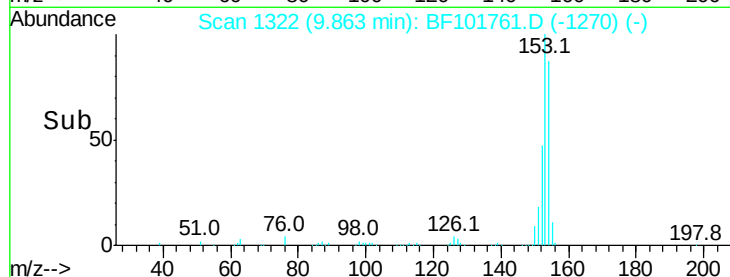
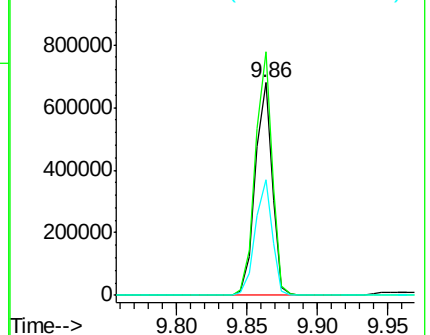
152 54.2 43.8 65.8



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: 40.700 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

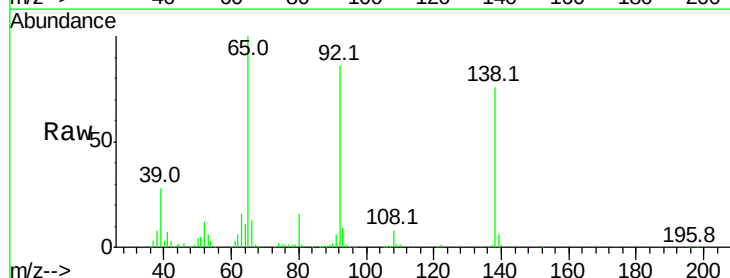
Tgt Ion:138 Resp: 194522

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

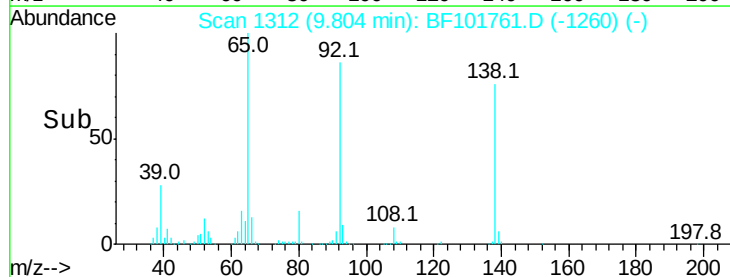
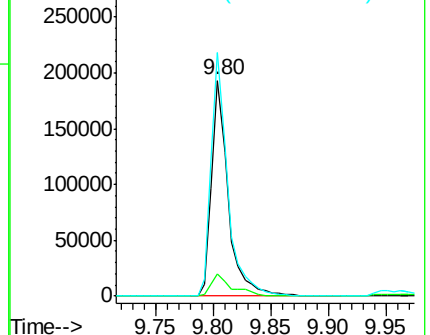
92 113.0 89.4 134.2

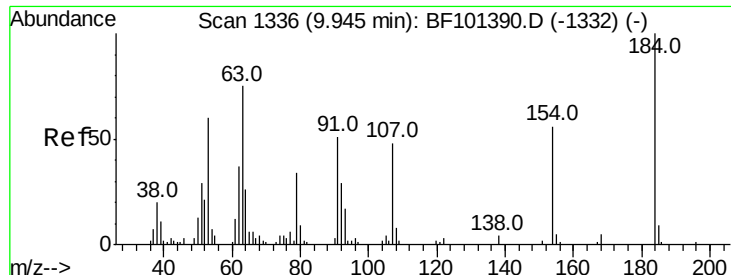


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

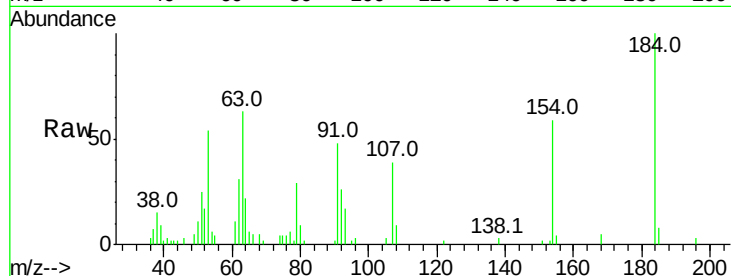




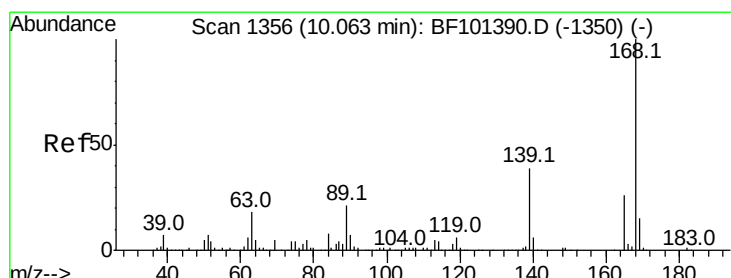
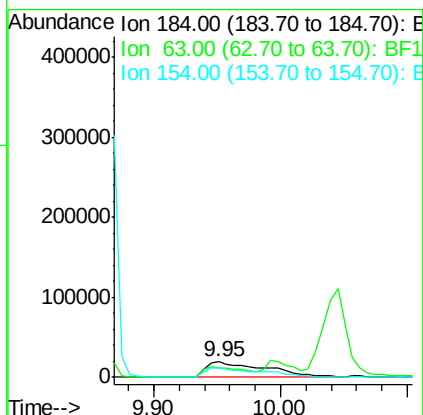
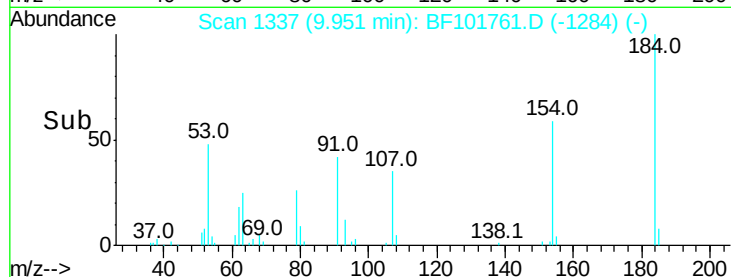
#53
2,4-Dinitrophenol
Concen: 52.346 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 64422
Ion Ratio Lower Upper
184 100
63 63.5 54.2 81.2
154 59.3 184.0 276.0#

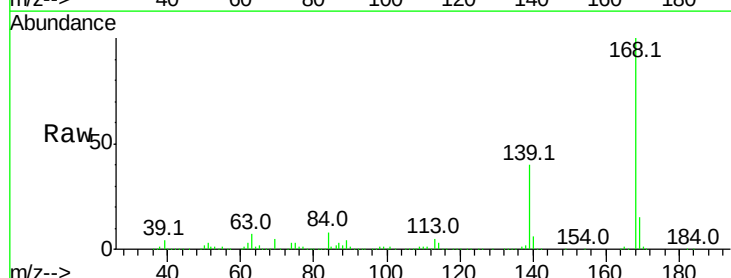


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

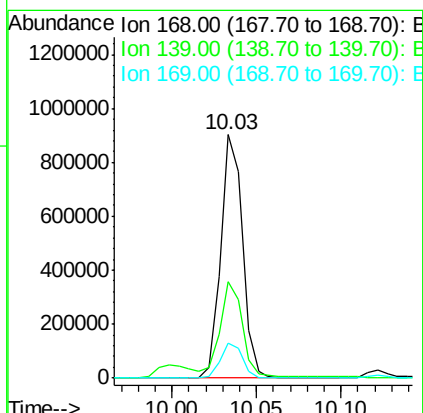
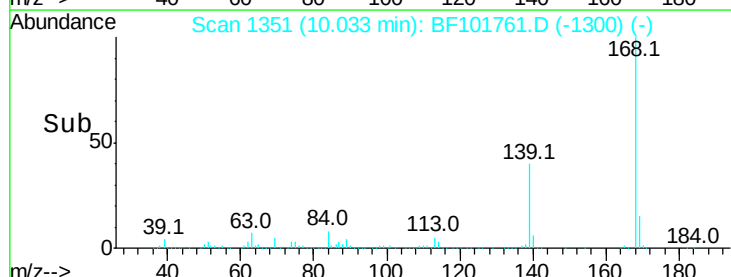


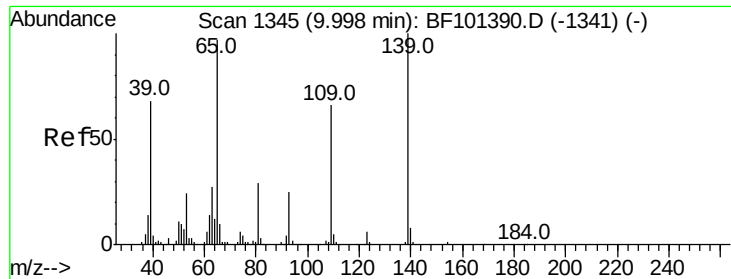
#54
Dibenzofuran
Concen: 42.372 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion:168 Resp: 813076
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 14.6 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

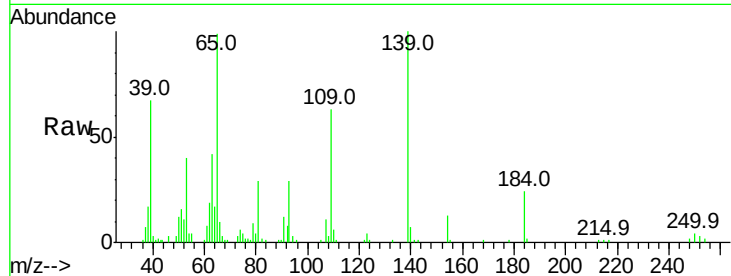




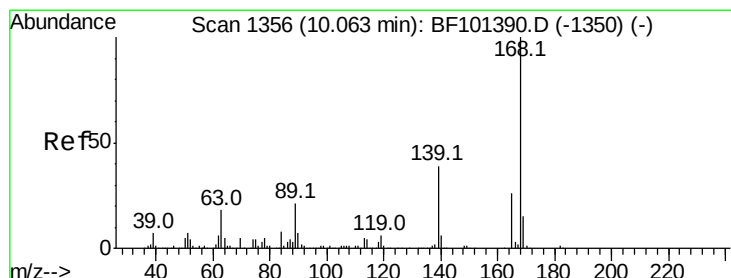
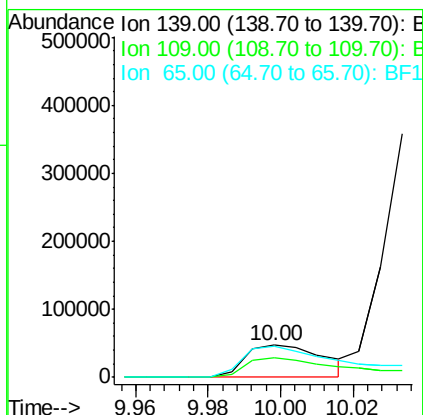
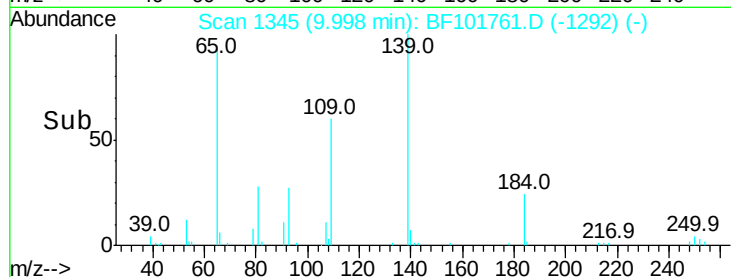
#55
4-Nitrophenol
Concen: 33.843 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 70530
Ion Ratio Lower Upper
139 100
109 63.1 48.4 88.4
65 99.2 72.6 112.6

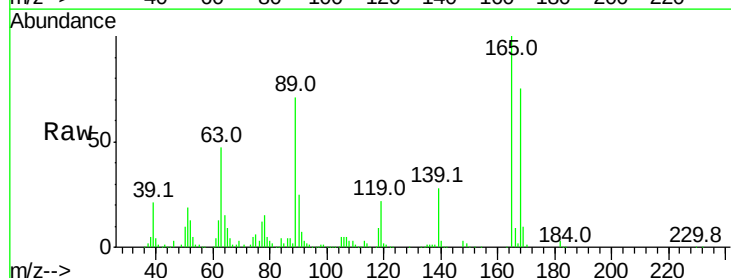


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

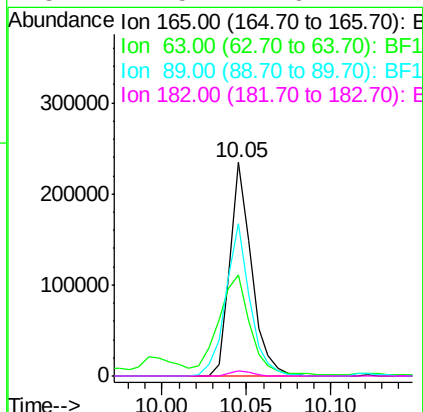
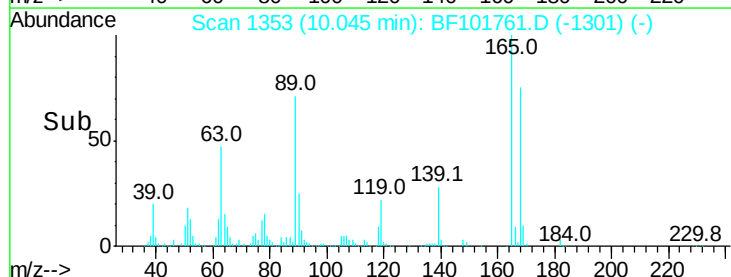


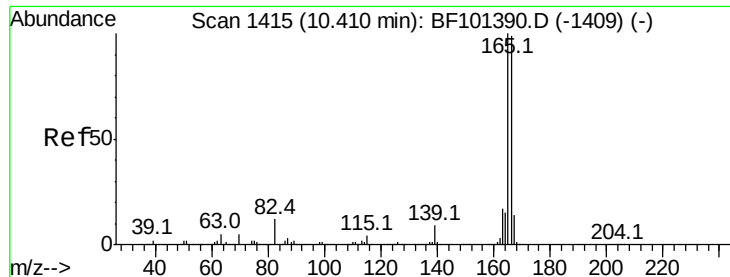
#56
2,4-Dinitrotoluene
Concen: 48.240 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion:165 Resp: 208353
Ion Ratio Lower Upper
165 100
63 47.4 36.4 54.6
89 71.2 57.8 86.6
182 2.5 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: 41.289 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

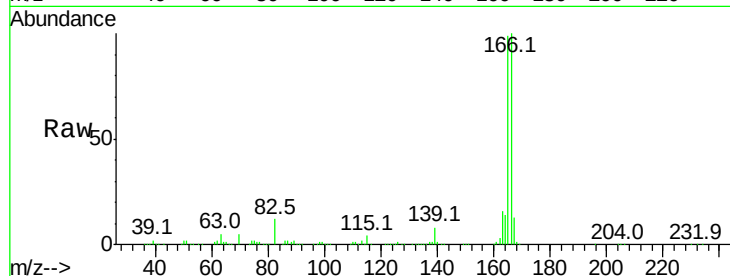
Tot Ion:166 Resp: 670236

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

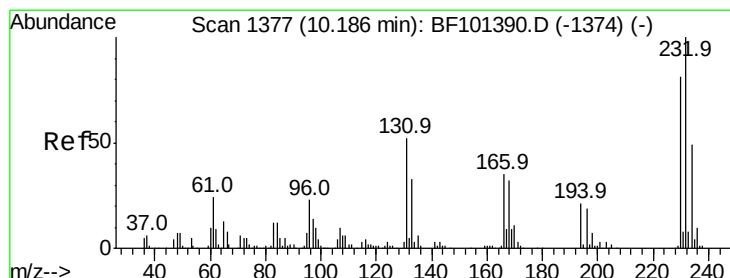
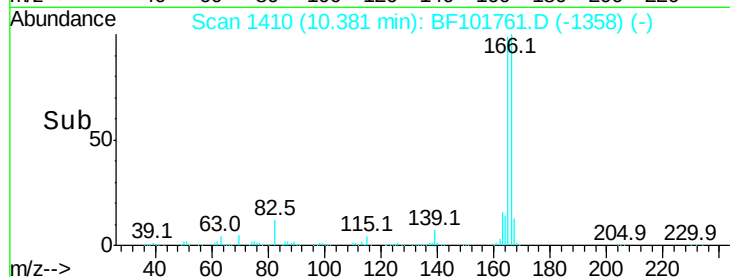
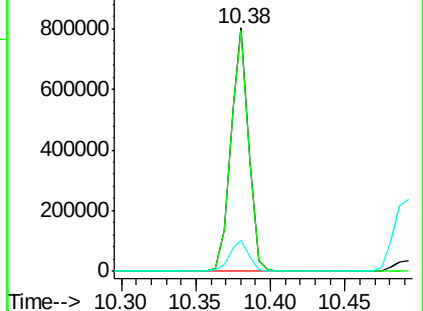
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.280 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Tgt Ion:232 Resp: 166027

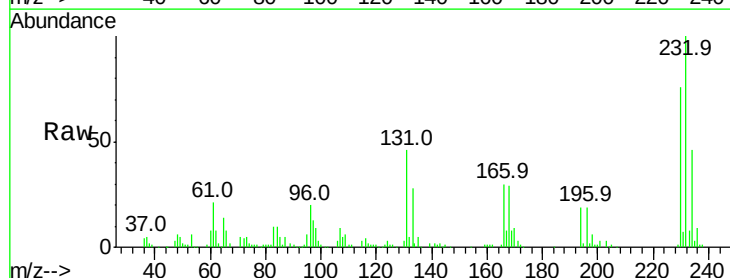
Ion Ratio Lower Upper

232 100

131 37.7 43.8 65.8#

130 2.0 2.1 3.1#

166 26.4 27.8 41.6#

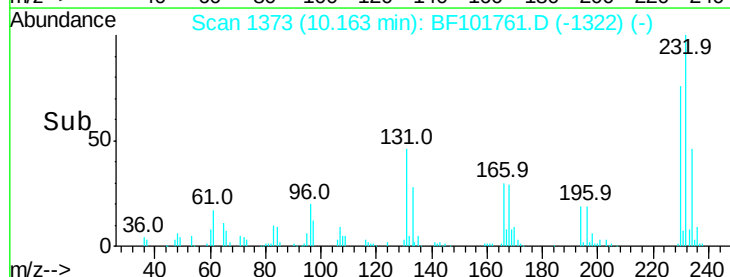
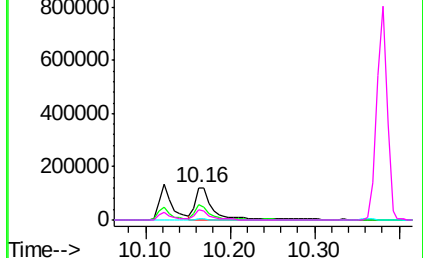


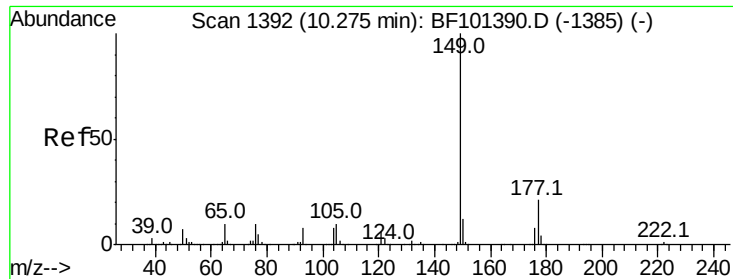
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.031 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampled :

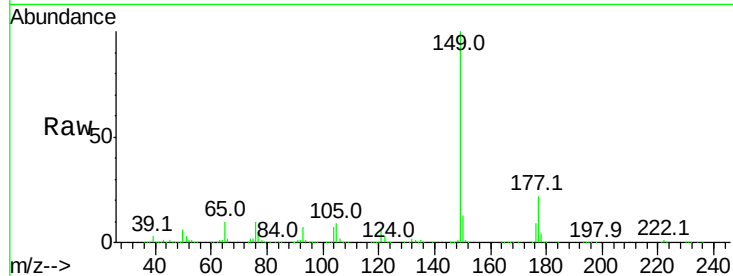
Tot Ion:149 Resp: 729036

Ion Ratio Lower Upper

149 100

177 21.9 16.1 24.1

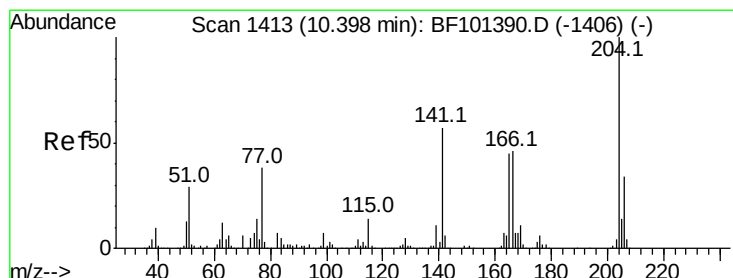
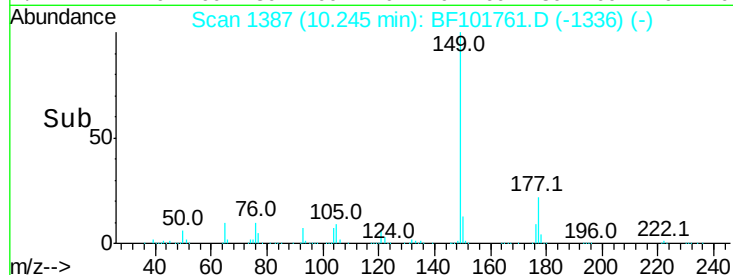
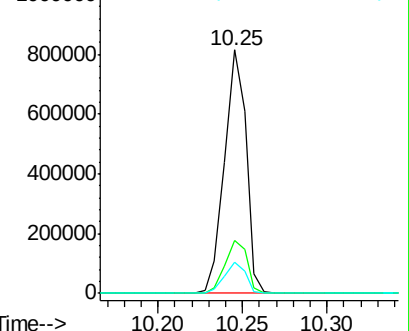
150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.326 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

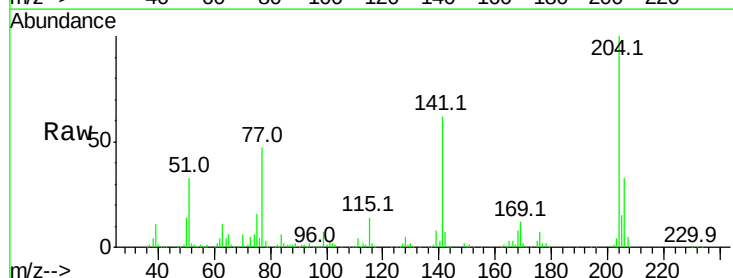
Tgt Ion:204 Resp: 329293

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

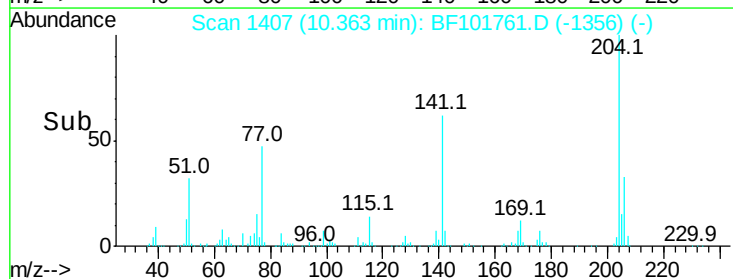
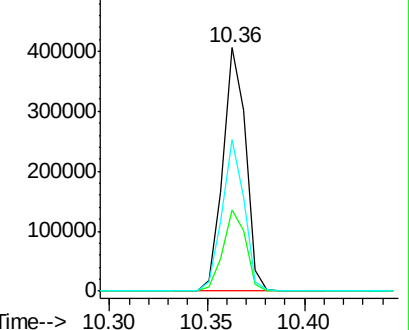
141 62.3 54.6 81.8

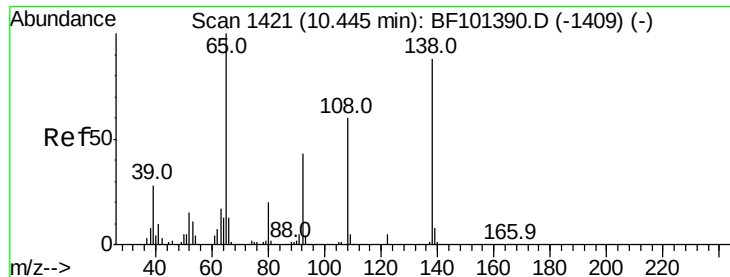


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.623 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampled :

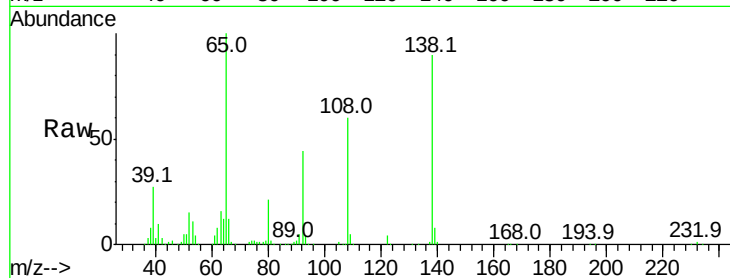
Tot Ion:138 Resp: 190351

Ion Ratio Lower Upper

138 100

92 49.1 30.2 70.2

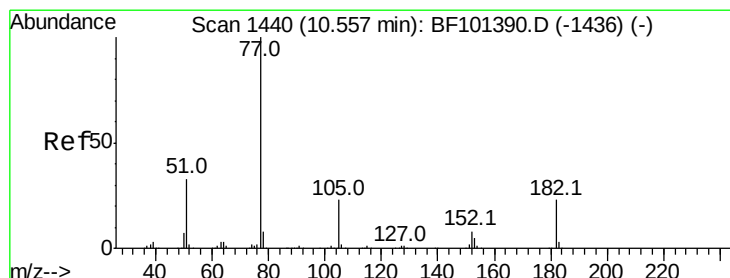
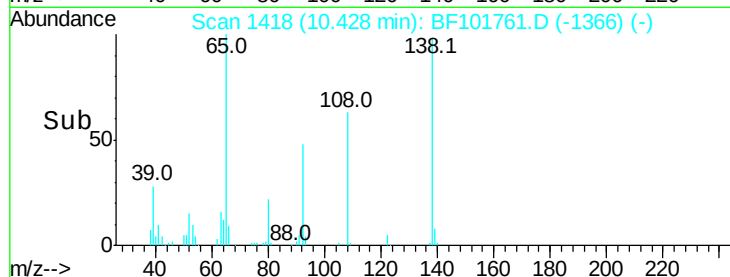
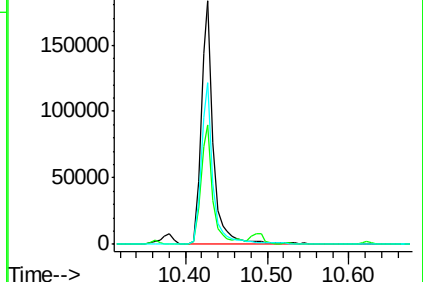
108 66.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.389 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Tgt Ion: 77 Resp: 704095

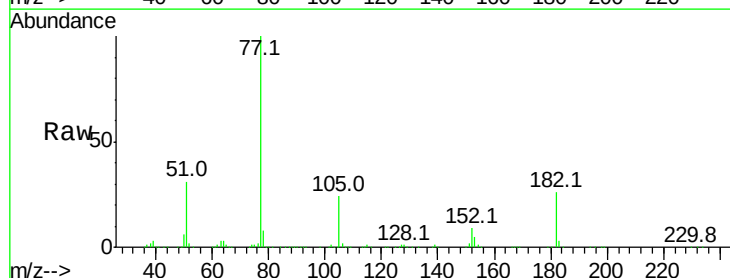
Ion Ratio Lower Upper

77 100

182 25.7 1.7 41.7

105 24.2 3.0 43.0

51 31.3 9.9 49.9

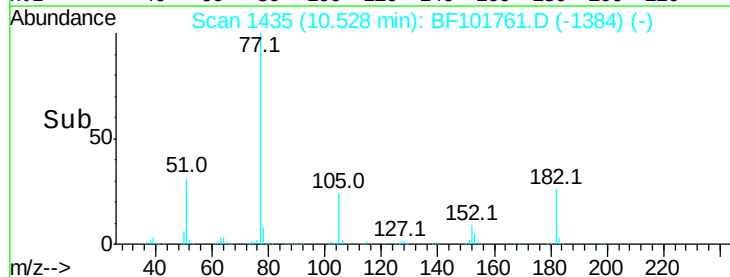
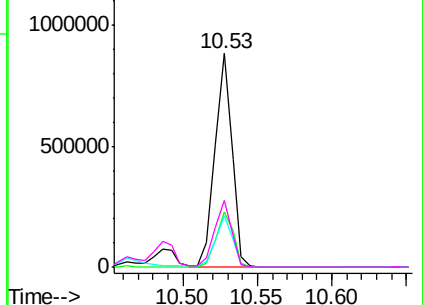


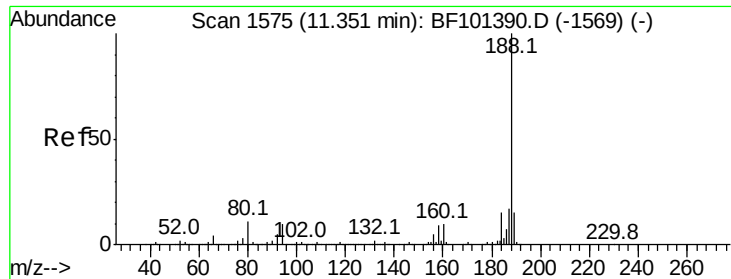
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

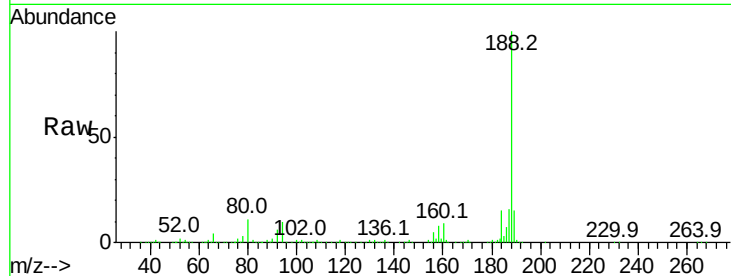




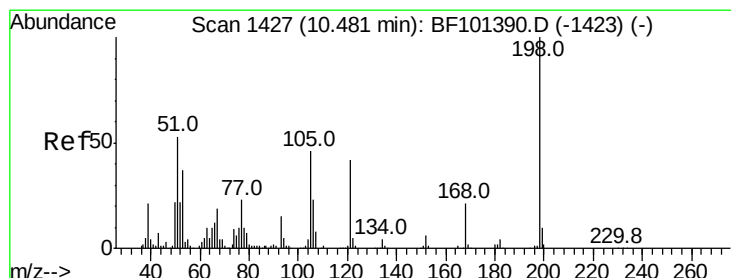
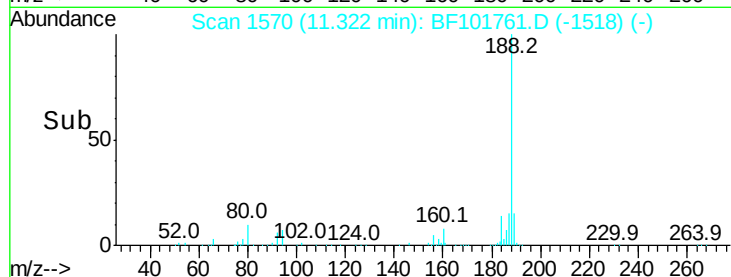
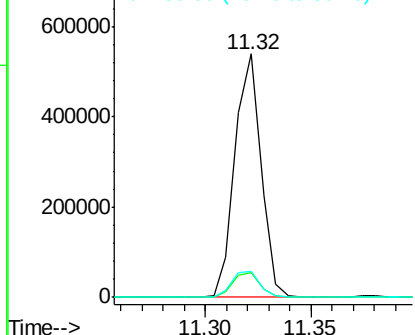
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 459565
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.2 13.8

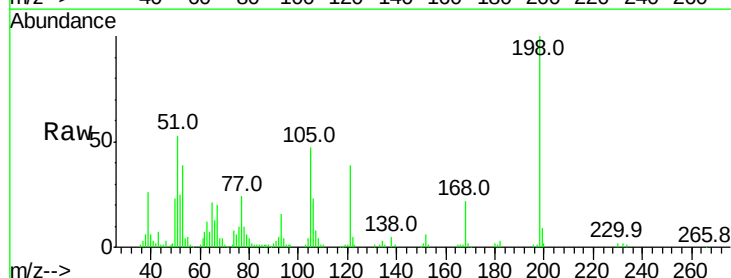


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

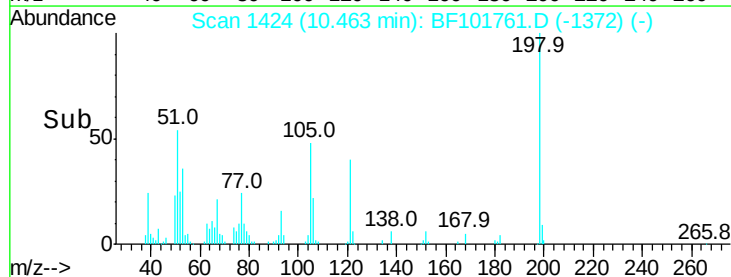
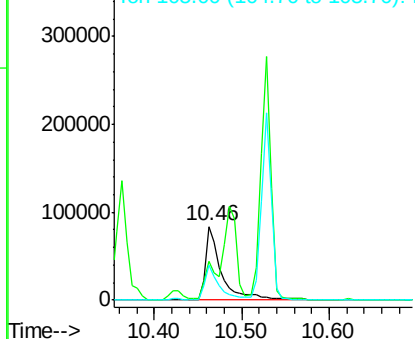


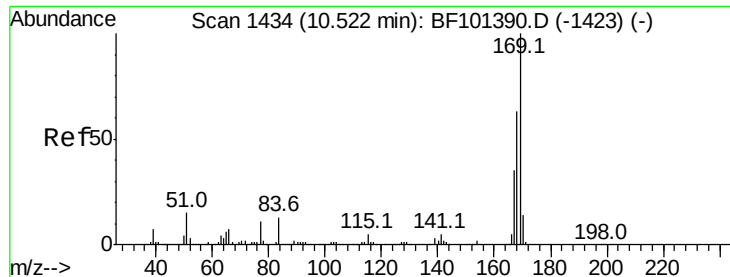
#64
4,6-Dinitro-2-methylphenol
Concen: 46.089 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion:198 Resp: 108087
Ion Ratio Lower Upper
198 100
51 53.2 37.7 77.7
105 46.8 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: 37.391 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampled :

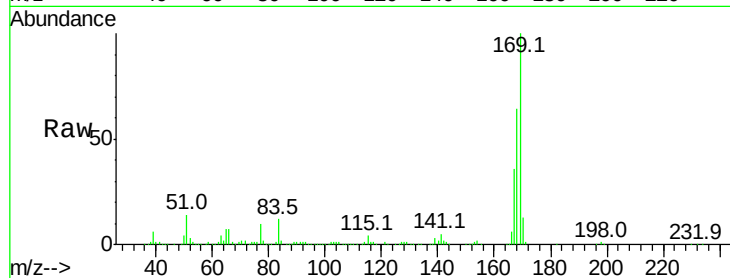
Tot Ion:169 Resp: 634497

Ion Ratio Lower Upper

169 100

168 64.1 54.4 81.6

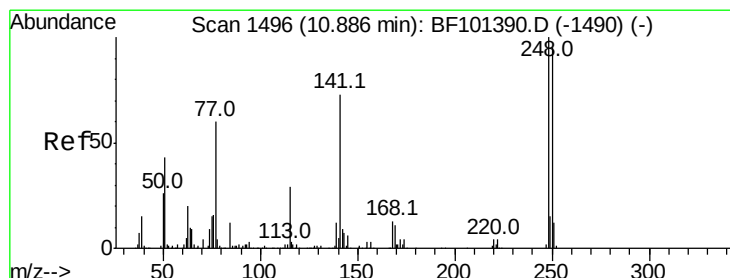
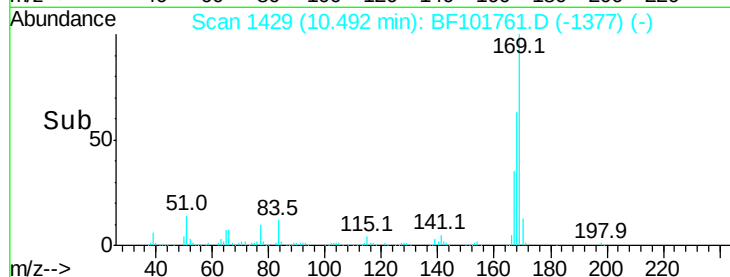
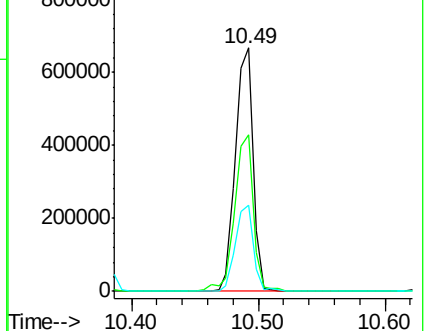
167 35.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.705 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

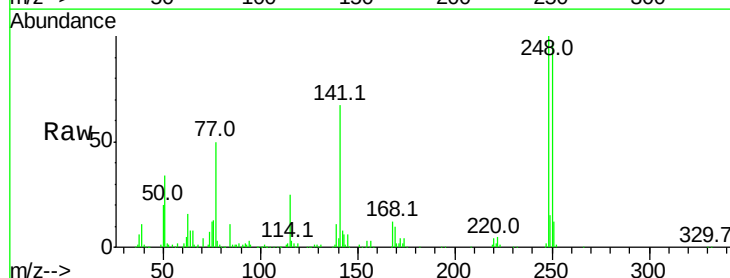
Tgt Ion:248 Resp: 205028

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

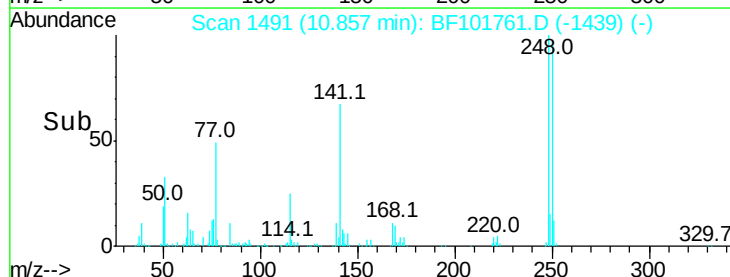
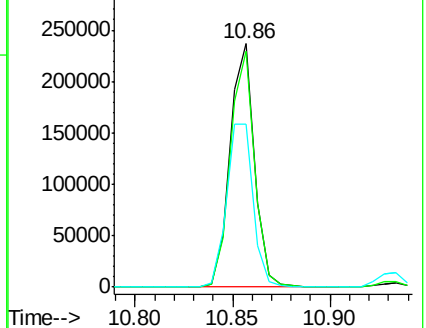
141 66.7 74.4 111.6#

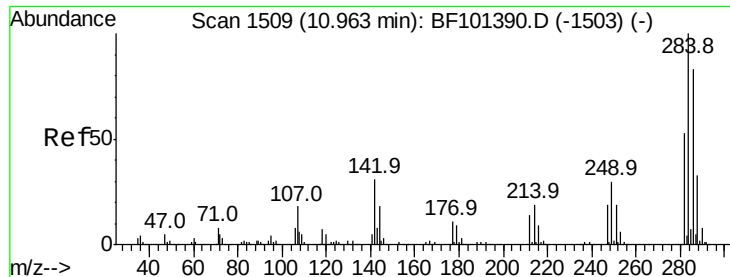


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.028 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

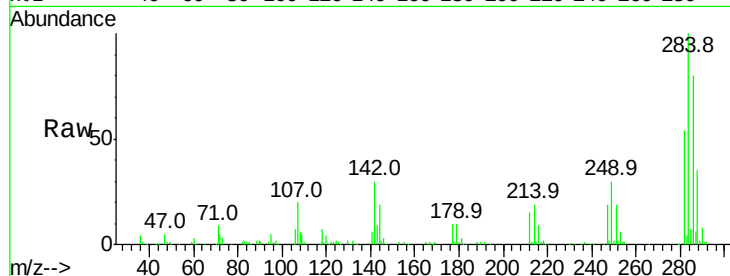
Tot Ion:284 Resp: 213297

Ion Ratio Lower Upper

284 100

142 29.6 34.6 52.0#

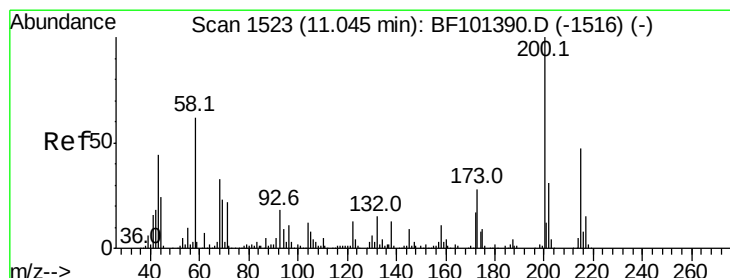
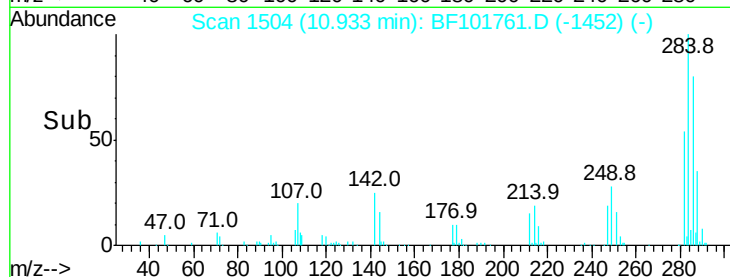
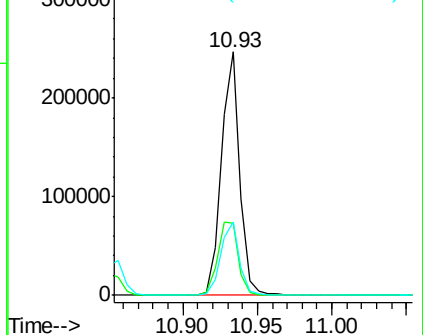
249 30.0 24.8 37.2



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: 38.698 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

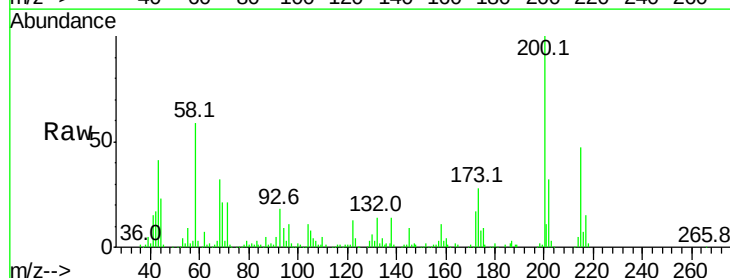
Tgt Ion:200 Resp: 195804

Ion Ratio Lower Upper

200 100

173 28.3 8.6 48.6

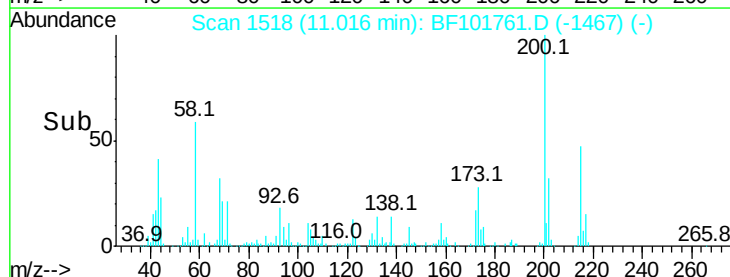
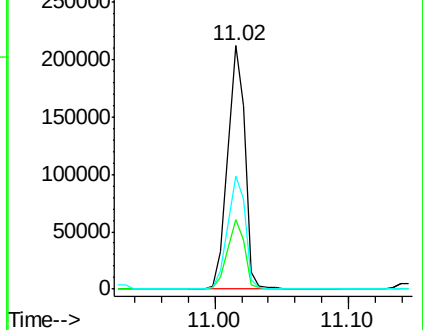
215 46.5 25.1 65.1

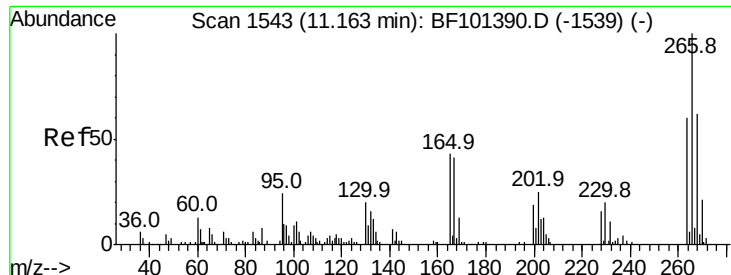


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

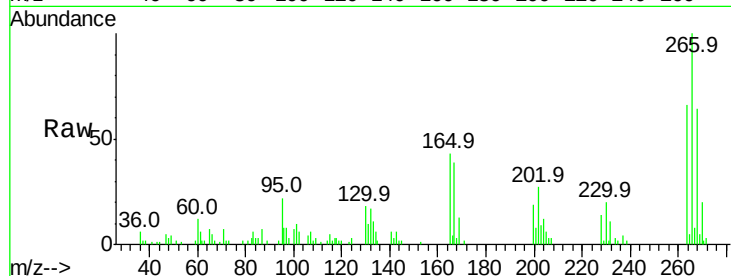




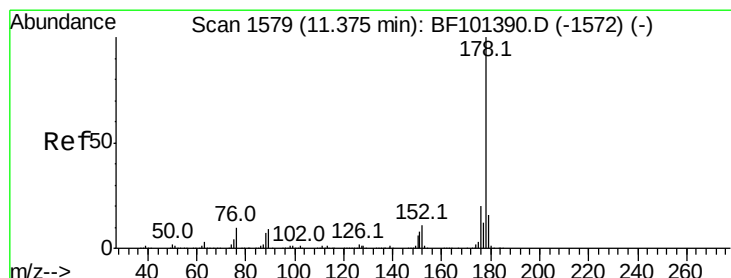
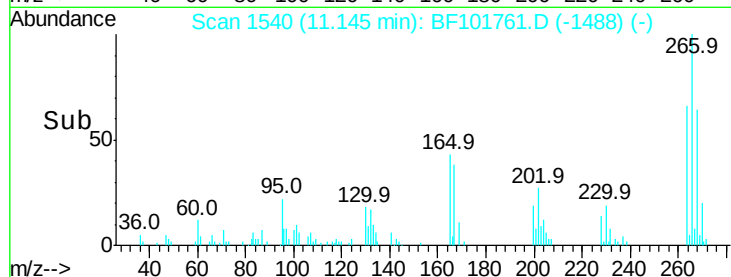
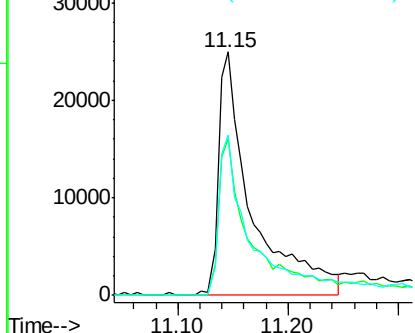
#69
 Pentachlorophenol
 Concen: 29.248 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	65.8	49.5	74.3

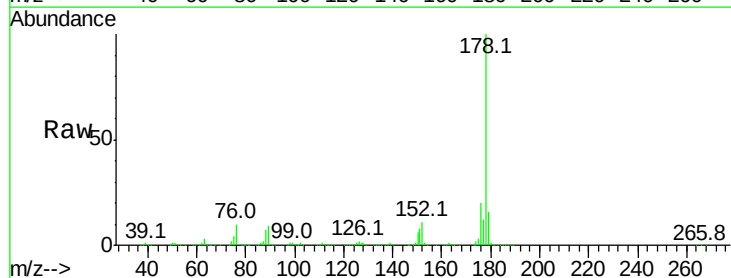


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

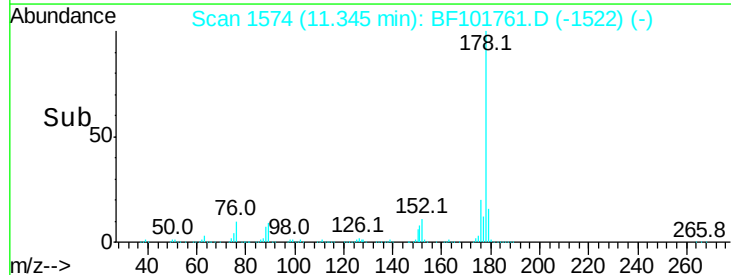
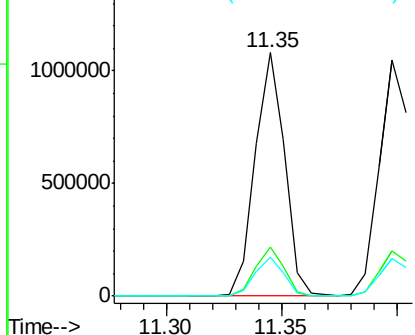


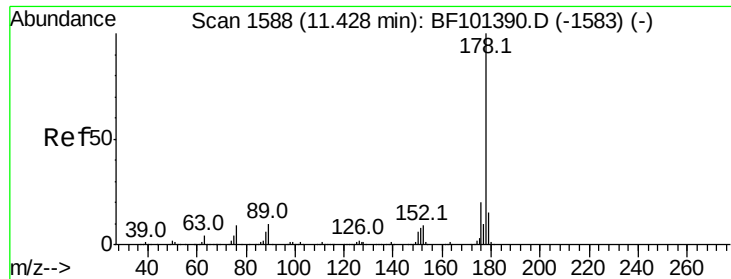
#70
 Phenanthrene
 Concen: 37.939 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.8	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

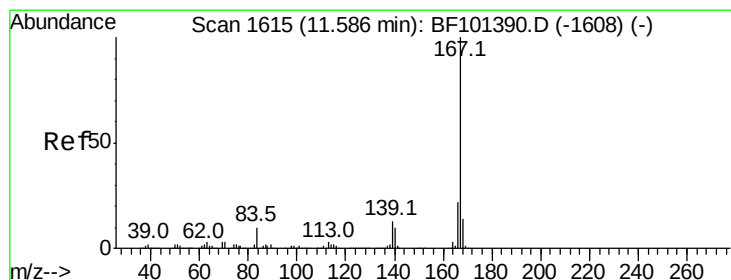
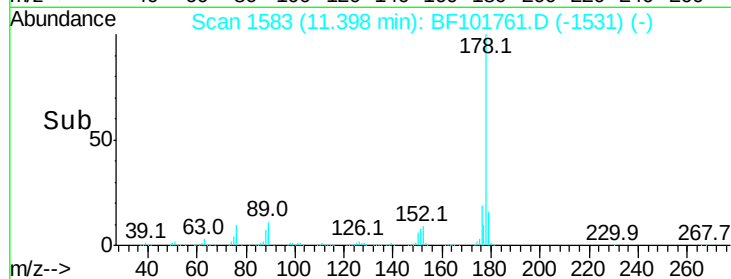
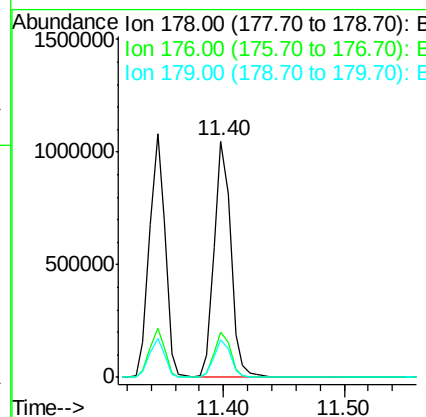
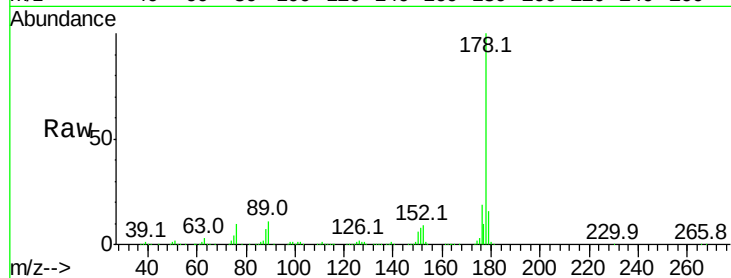




#71
 Anthracene
 Concen: 38.444 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

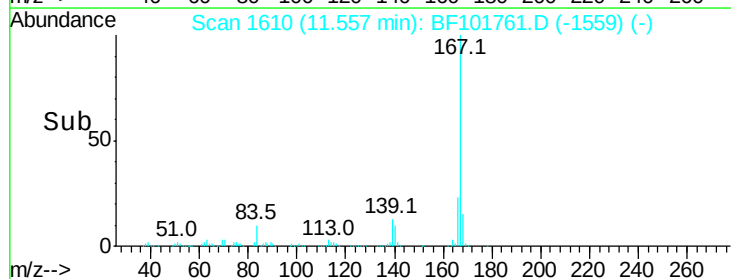
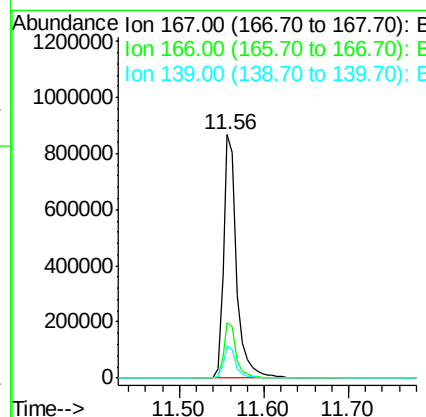
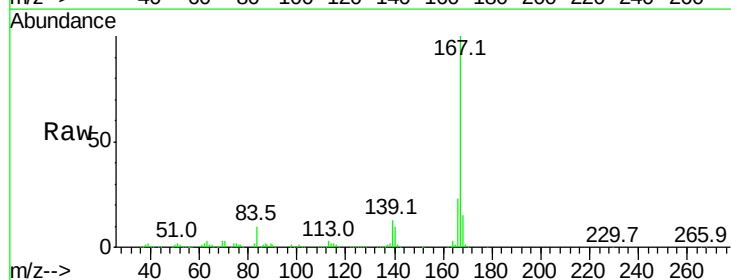
Instrument :
 BNA_F
 ClientSampleId :

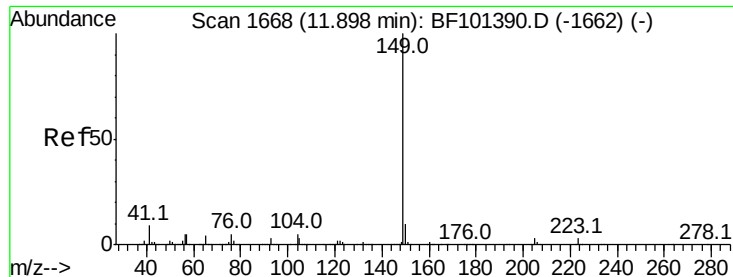
Tot Ion:178 Resp: 1003625
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 38.818 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion:167 Resp: 948785
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.832 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

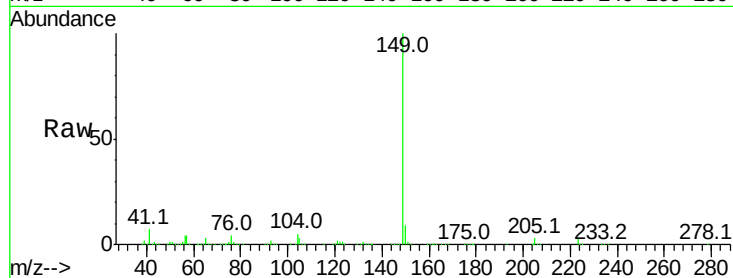
Tot Ion:149 Resp: 1181647

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

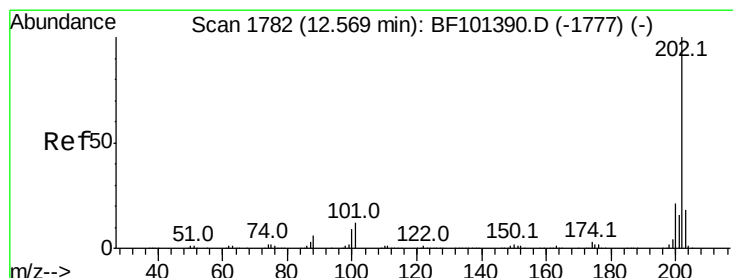
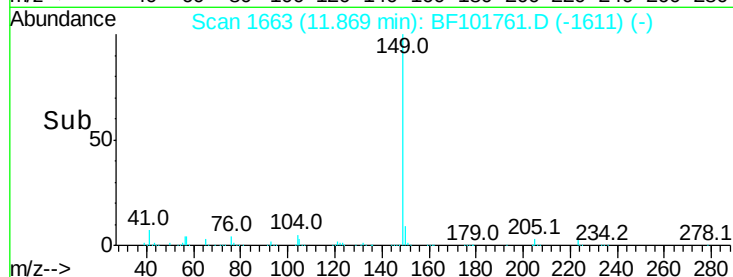
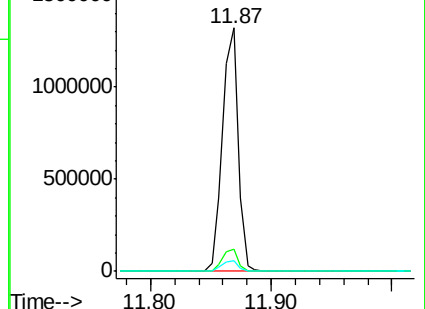
104 4.6 3.8 5.8



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: 39.014 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

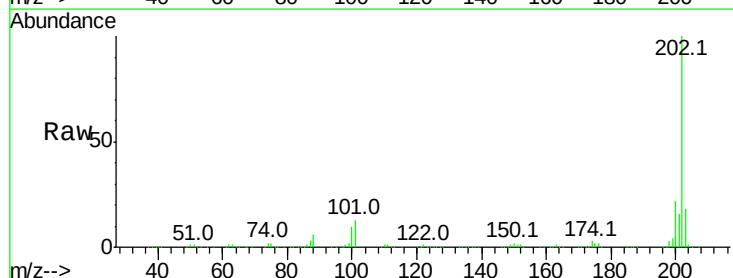
Tgt Ion:202 Resp: 1046582

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

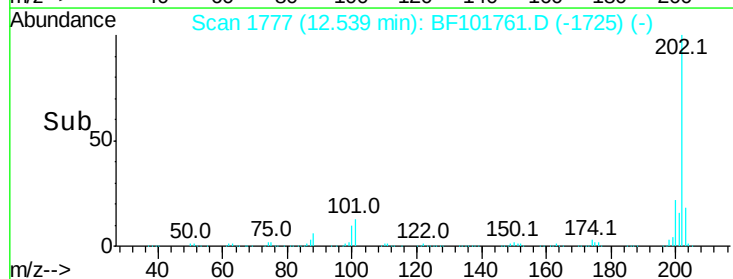
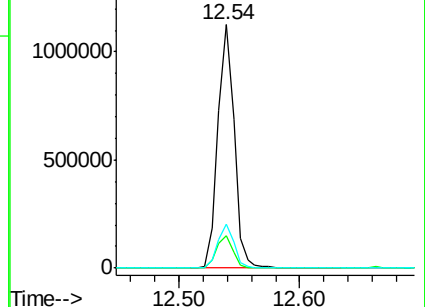
203 18.0 0.0 38.1

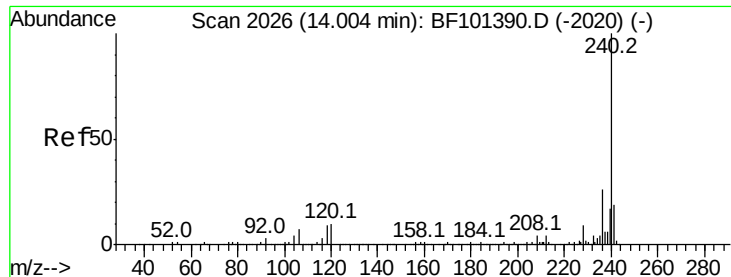


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

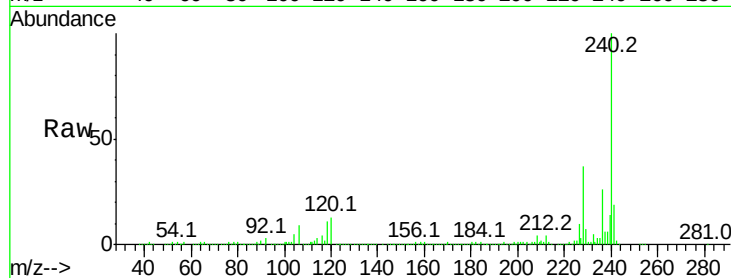
Tot Ion:240 Resp: 376316

Ion Ratio Lower Upper

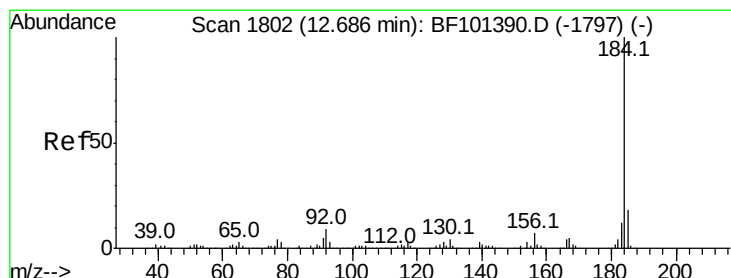
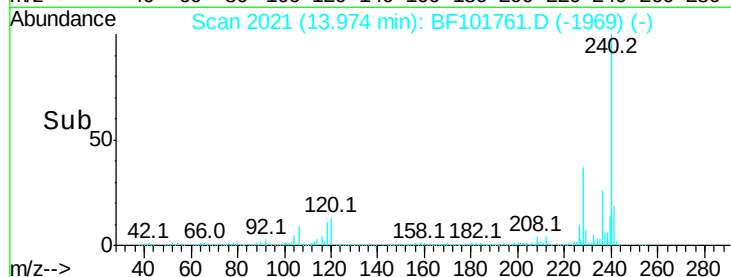
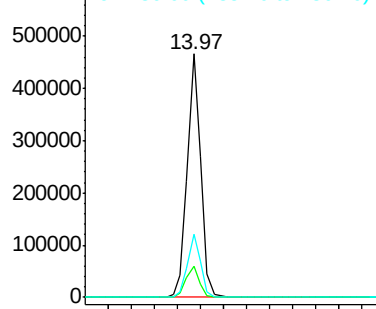
240 100

120 12.5 9.5 14.3

236 26.1 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: 46.276 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

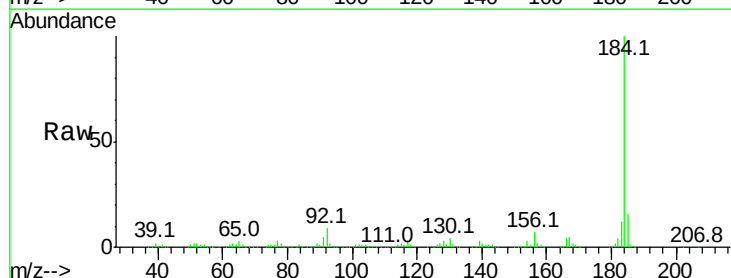
Tgt Ion:184 Resp: 735500

Ion Ratio Lower Upper

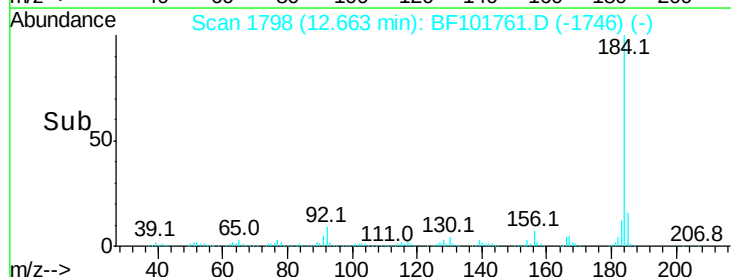
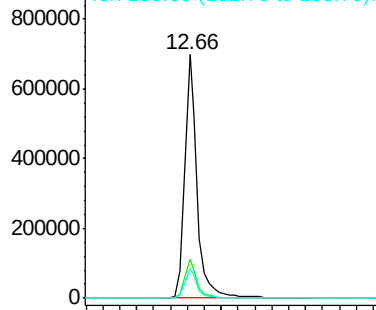
184 100

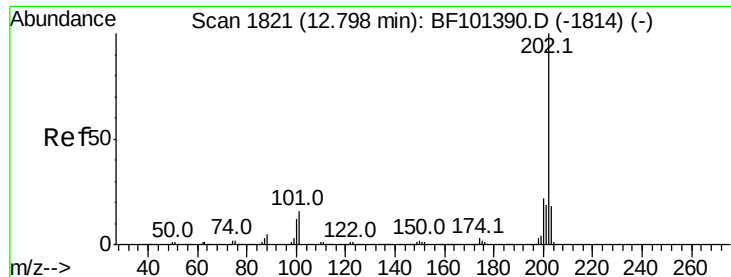
185 16.1 12.6 18.8

183 12.4 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

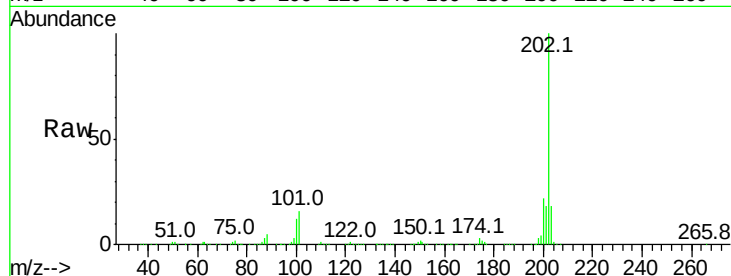




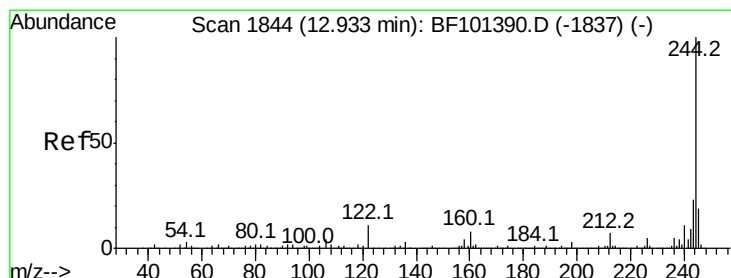
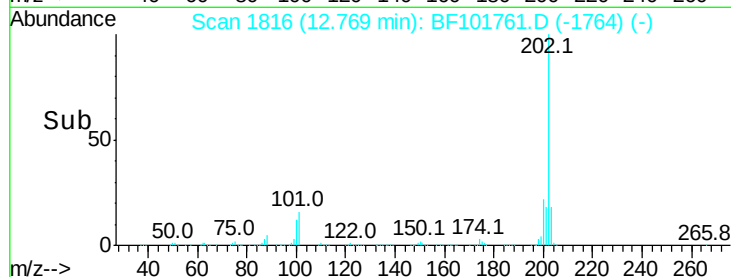
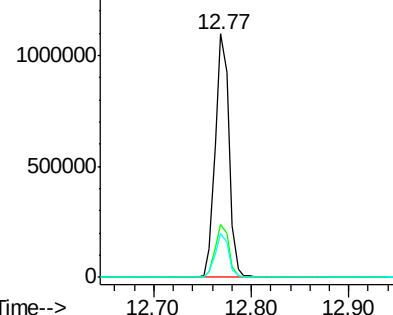
#77
Pvrene
Concen: 38.300 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1081681
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.9 14.3 21.5

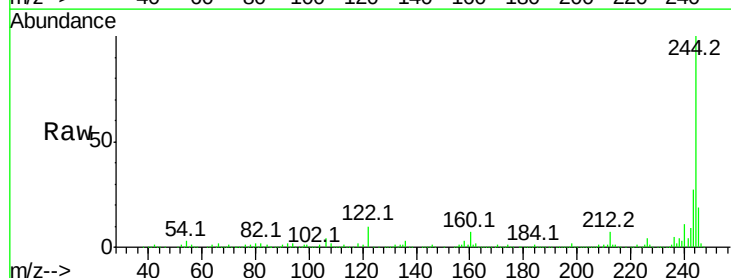


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

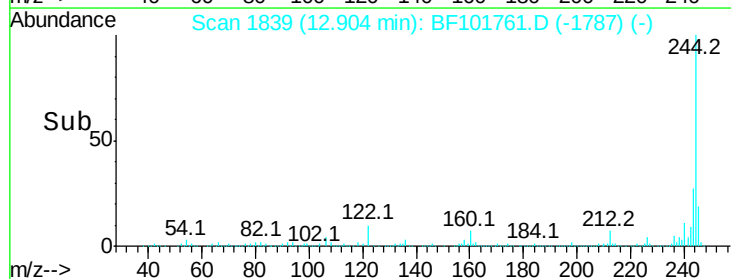
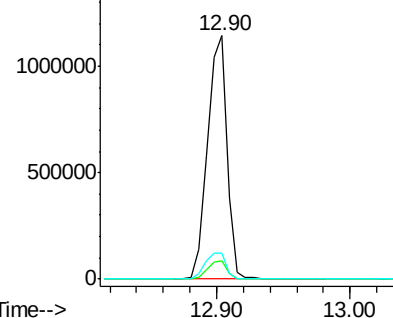


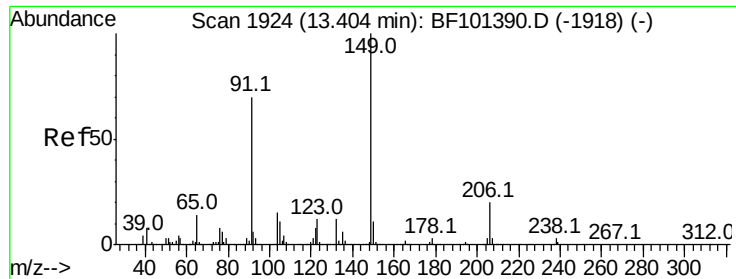
#78
Terphenyl-d14
Concen: 75.827 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion:244 Resp: 1183651
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 10.4 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

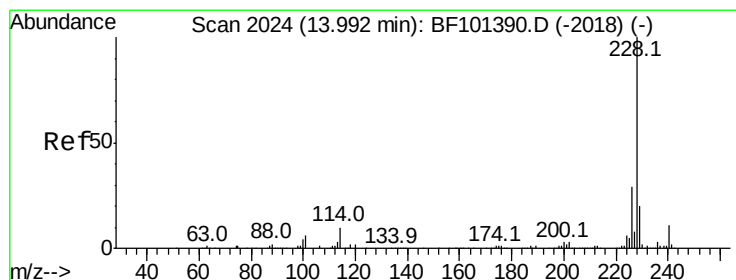
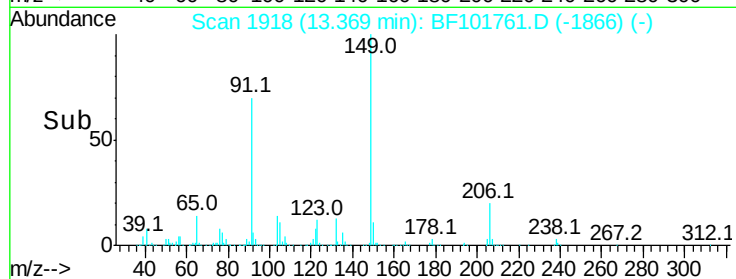
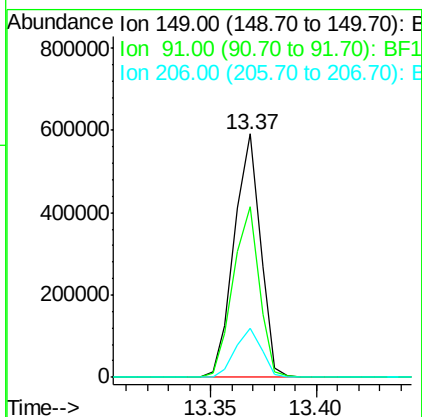
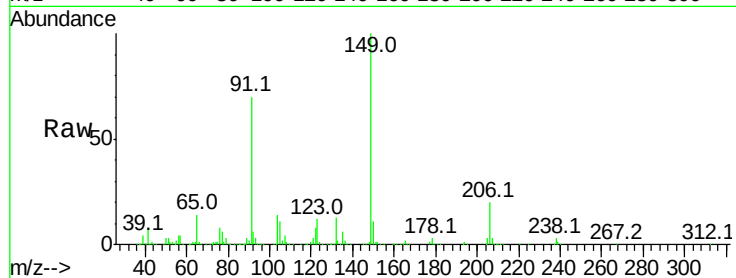




#79
Butylbenzylphthalate
Concen: 39.866 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

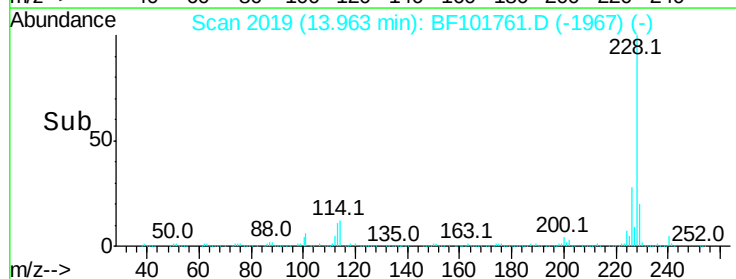
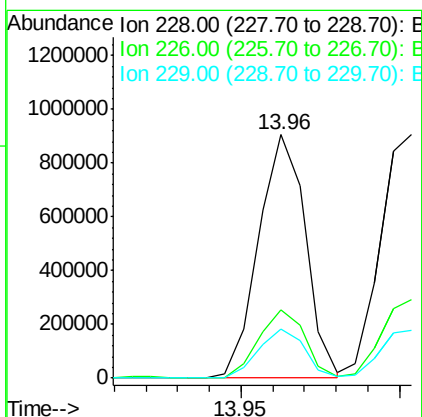
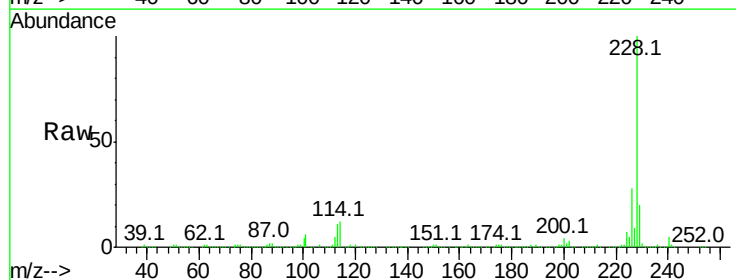
Instrument :
BNA_F
ClientSampleId :

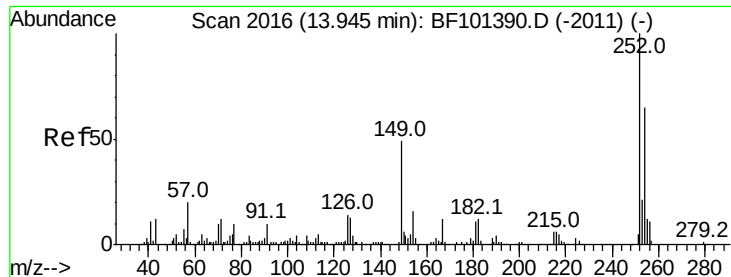
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.8	85.2
206	20.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.427 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.685 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

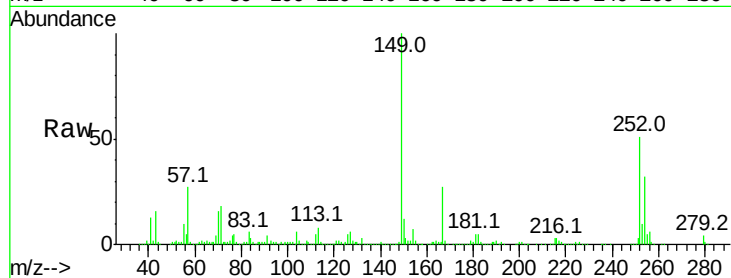
Tot Ion:252 Resp: 313442

Ion Ratio Lower Upper

252 100

254 62.6 50.4 75.6

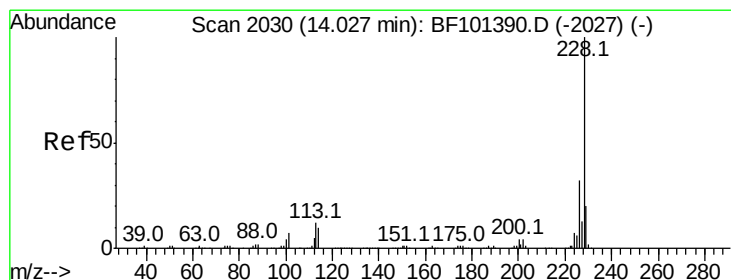
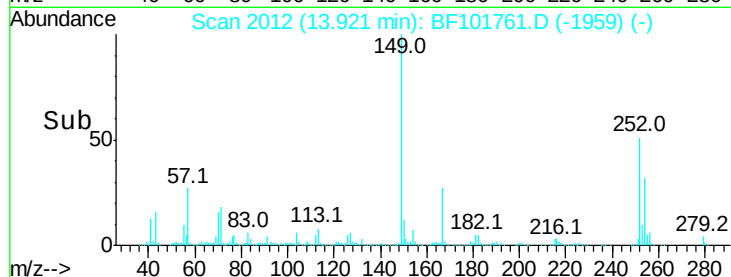
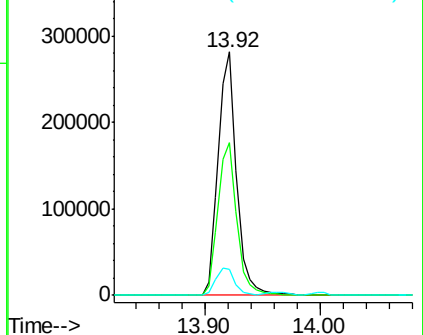
126 10.6 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.430 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

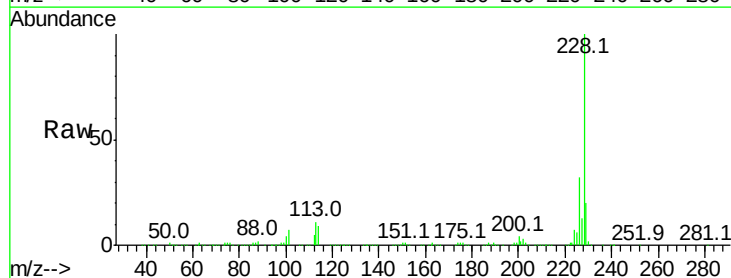
Tgt Ion:228 Resp: 901639

Ion Ratio Lower Upper

228 100

226 32.0 25.0 37.6

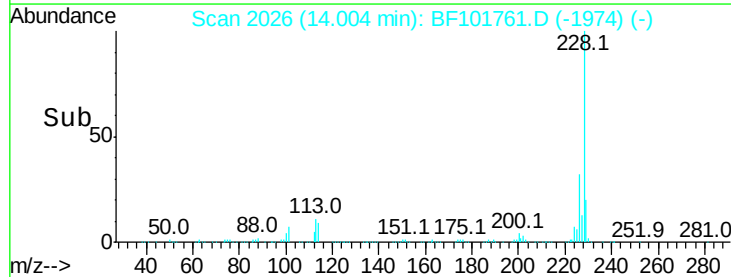
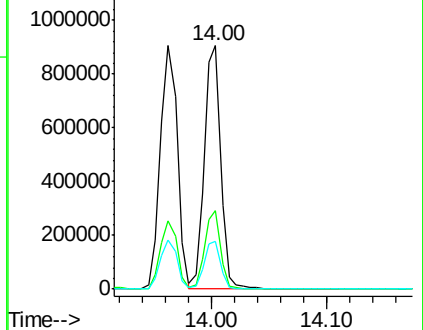
229 19.6 16.2 24.4

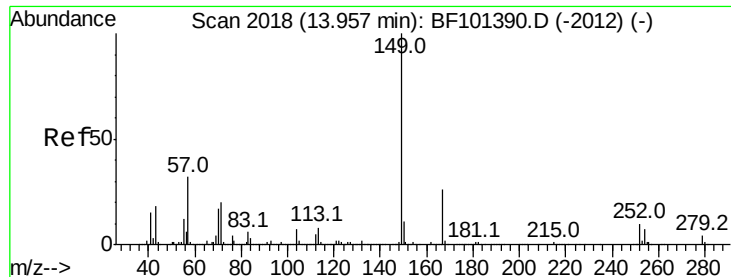


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

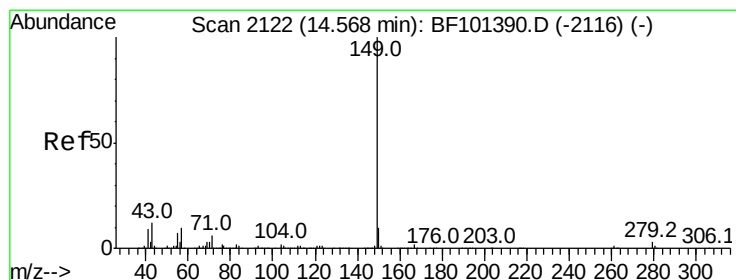
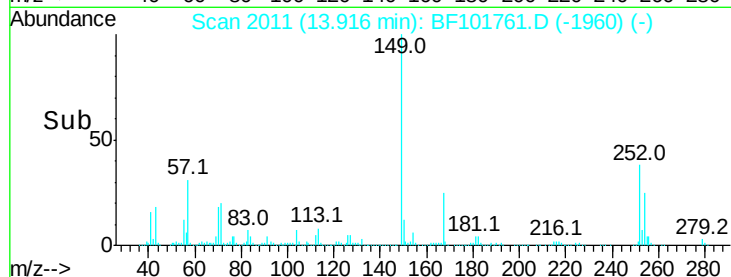
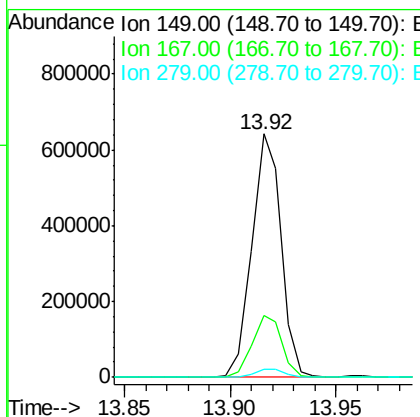
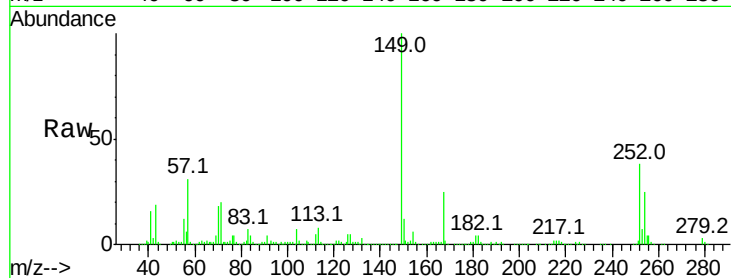




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.145 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

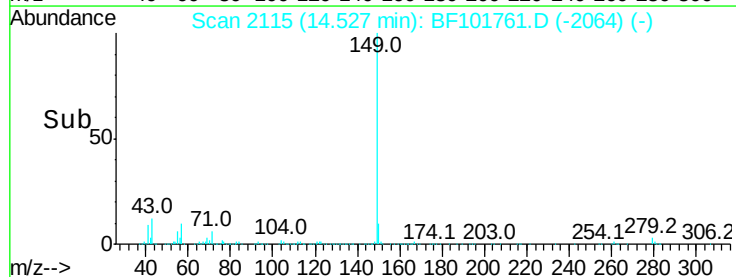
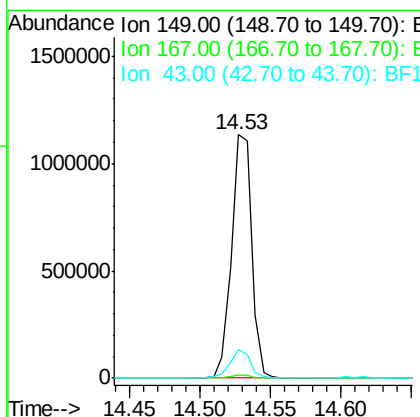
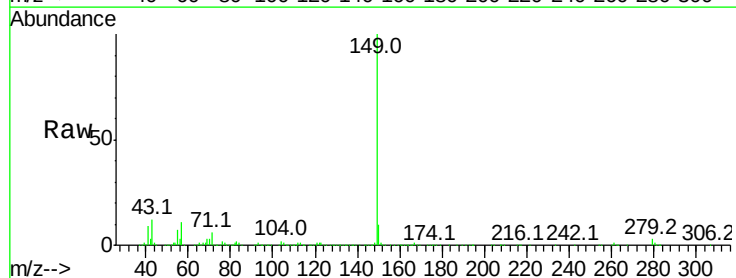
Instrument :
 BNA_F
 ClientSampleId :

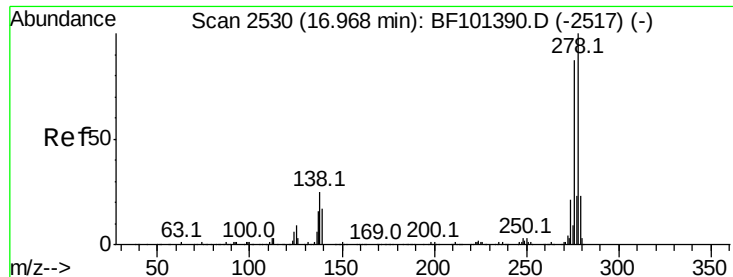
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 39.033 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BF101761.D
 Acq: 27 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6

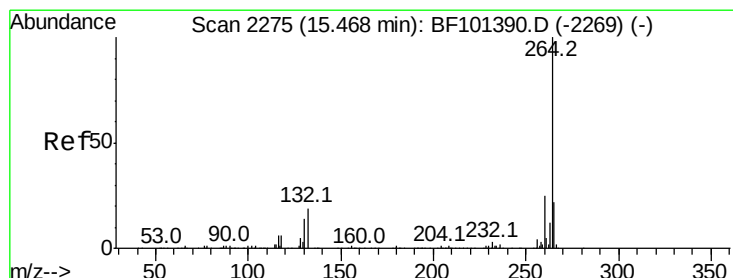
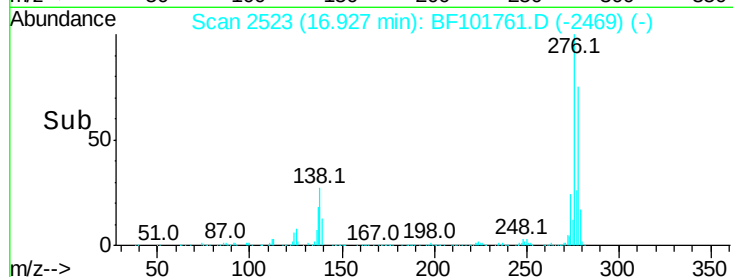
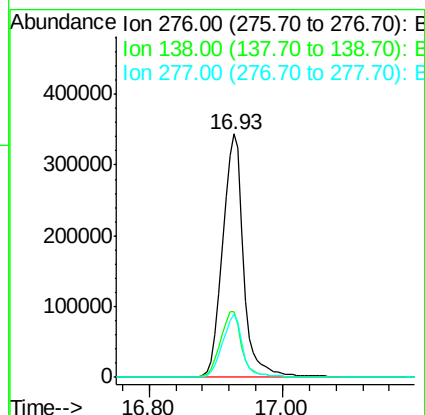
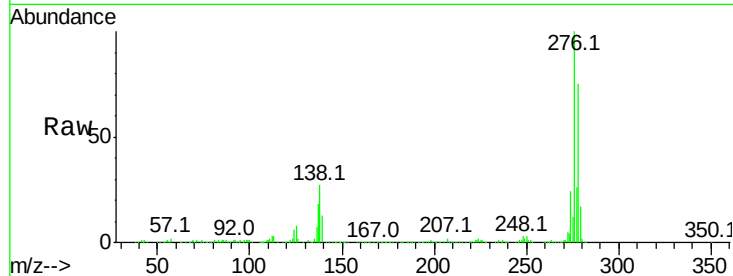




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.574 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

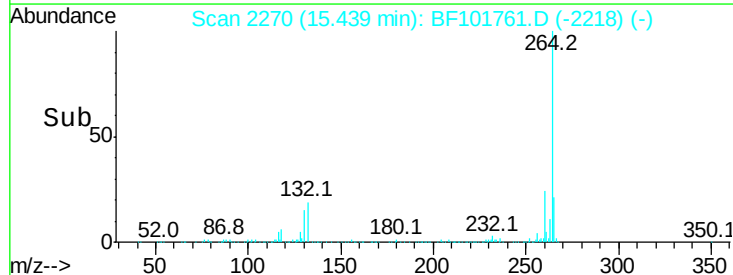
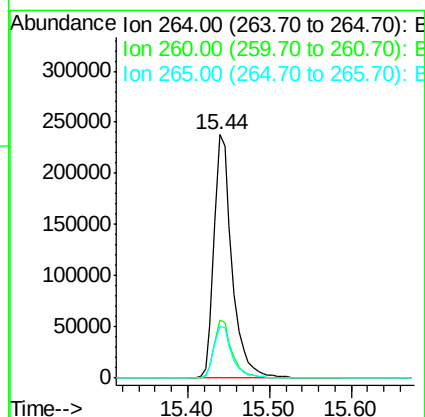
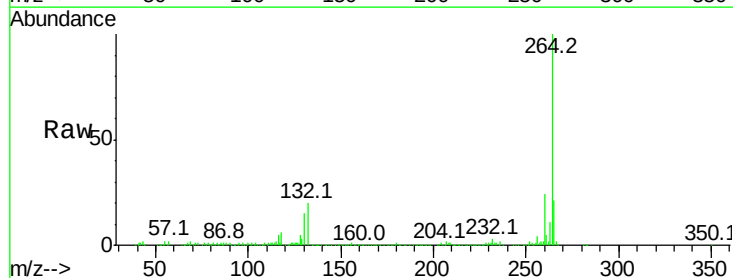
Instrument :
BNA_F
ClientSampleId :

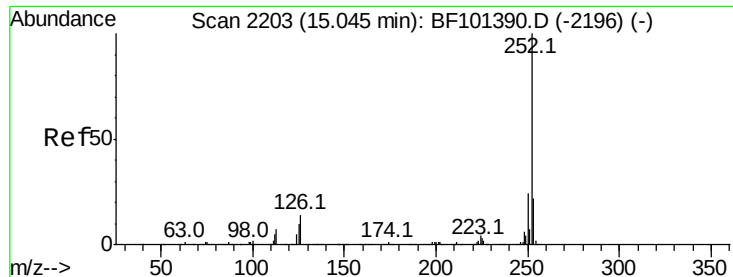
Tot Ion:276 Resp: 764129
Ion Ratio Lower Upper
276 100
138 28.2 25.0 37.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion:264 Resp: 366795
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.0 17.5 26.3

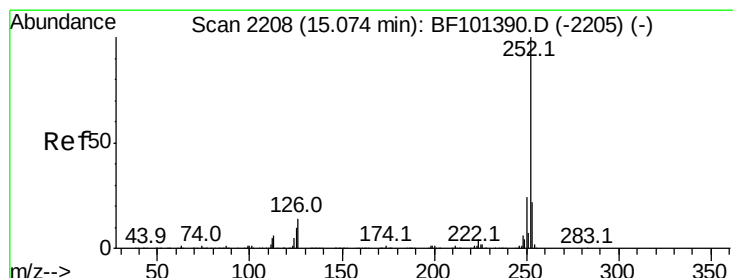
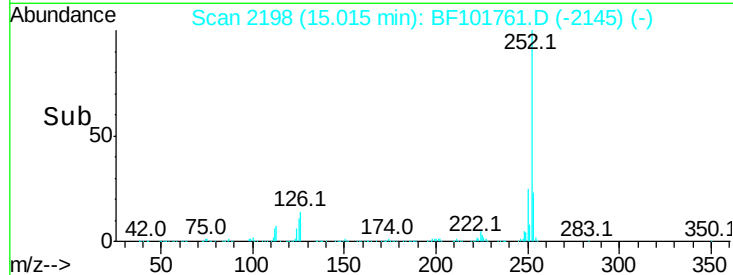
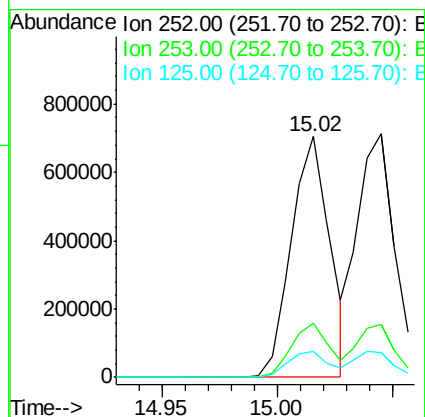
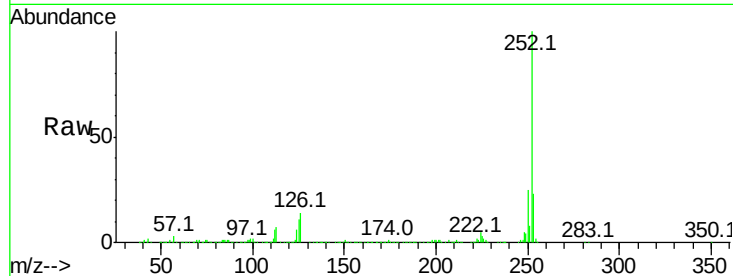




#87
Benzo(b)fluoranthene
Concen: 36.379 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

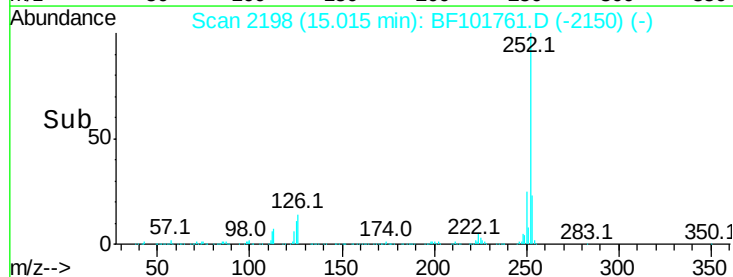
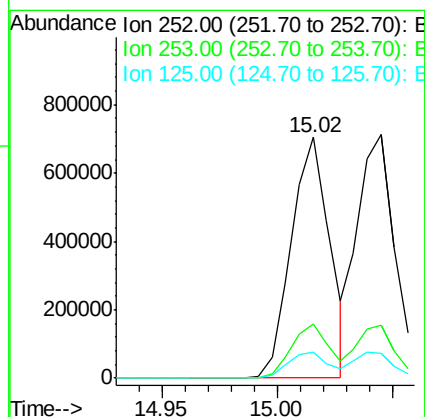
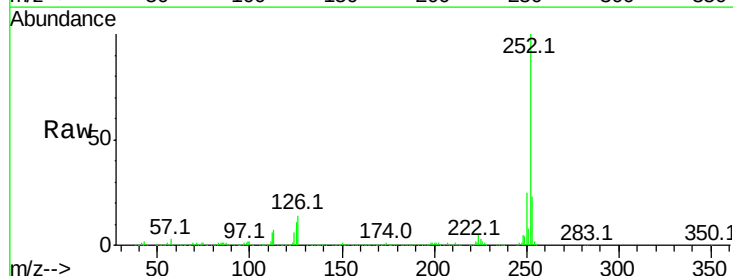
Instrument :
BNA_F
ClientSampled :

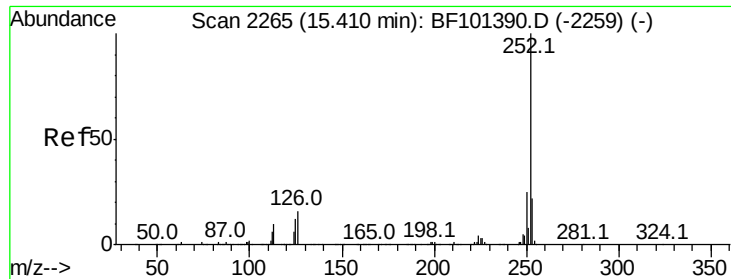
Tot Ion:252 Resp: 813325
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.416 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101761.D
Acq: 27 Dec 2017 14:41

Tgt Ion:252 Resp: 813325
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 36.974 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

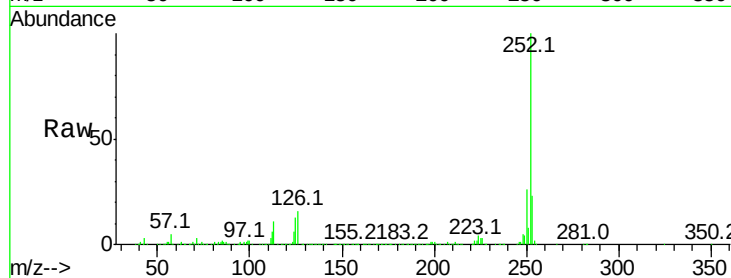
Tot Ion:252 Resp: 762041

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

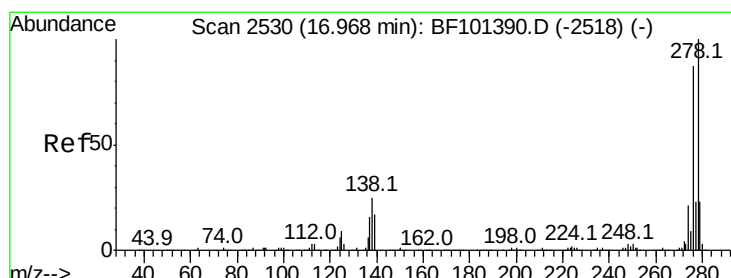
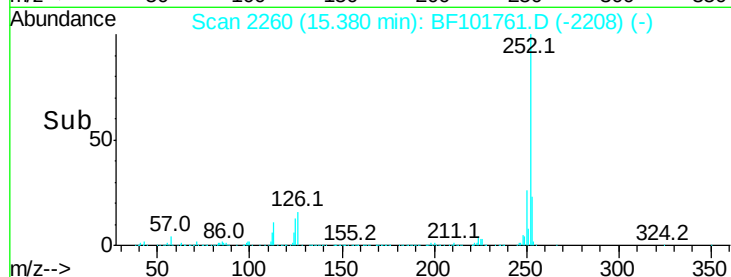
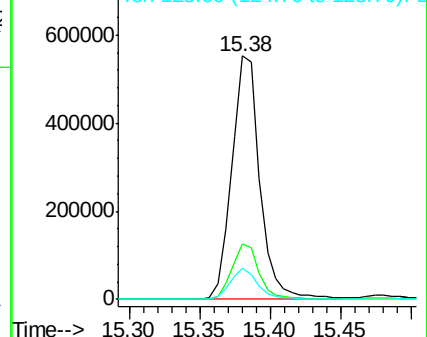
125 12.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.536 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.02 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

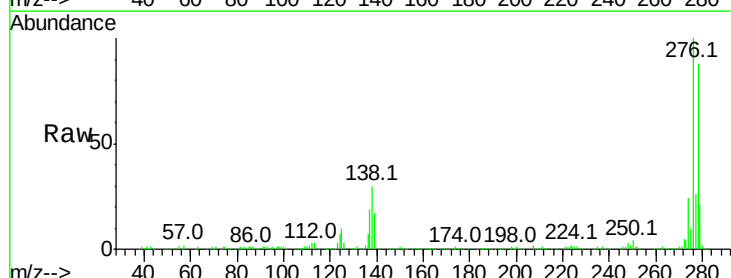
Tgt Ion:278 Resp: 646511

Ion Ratio Lower Upper

278 100

139 18.9 15.9 23.9

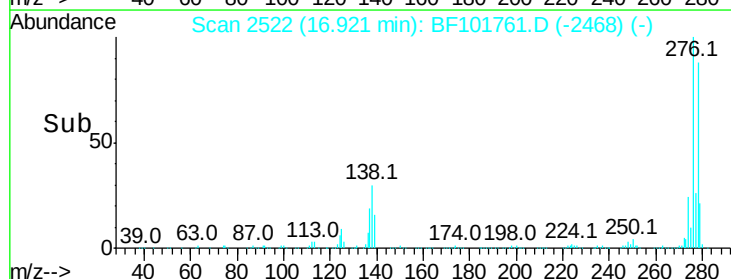
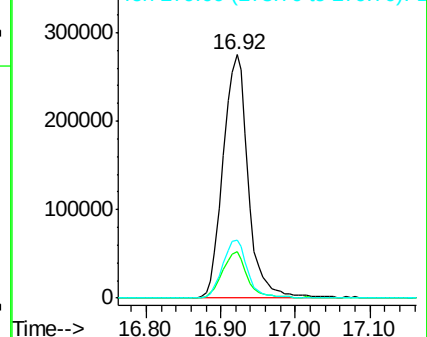
279 23.7 19.0 28.4

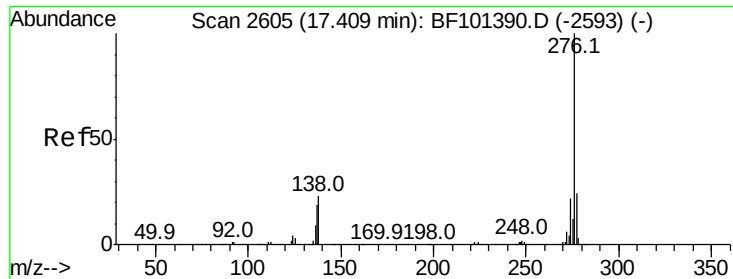


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.571 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF101761.D

Acq: 27 Dec 2017 14:41

Instrument :

BNA_F

ClientSampleId :

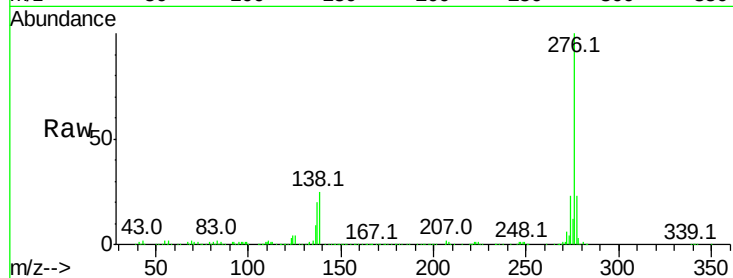
Tot Ion:276 Resp: 640801

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 25.2 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

