

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101762.D
 Acq On : 27 Dec 2017 15:13
 Operator : SJ/JU
 Sample : PB105361BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:02:37 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	157336	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	634896	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	294875	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	554190	20.00	ng	0.00
75) Chrysene-d12	13.97	240	381308	20.00	ng	0.00
86) Perylene-d12	15.44	264	333890	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1127827	106.78	ng	0.02
7) Phenol-d6	6.45	99	1301119	98.98	ng	0.01
23) Nitrobenzene-d5	7.36	82	839668	73.62	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	325249	114.47	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1406699	74.00	ng	0.00
78) Terphenyl-d14	12.90	244	1378482	87.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	179951	33.156	ng	96
3) Pyridine	3.37	79	443317	29.399	ng	94
4) n-Nitrosodimethylamine	3.32	42	230268	33.166	ng	99
6) Aniline	6.47	93	116599	6.383	ng	# 1
8) 2-Chlorophenol	6.59	128	414265	37.284	ng	98
9) Benzaldehyde	6.35	77	166231	17.123	ng	97
10) Phenol	6.46	94	507413	33.867	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	432159	36.772	ng	94
12) 1,3-Dichlorobenzene	6.73	146	462563	36.887	ng	98
13) 1,4-Dichlorobenzene	6.80	146	464007	36.234	ng	99
14) 1,2-Dichlorobenzene	6.96	146	406593	35.274	ng	98
15) Benzyl Alcohol	6.95	79	315854	34.909	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	689247	38.321	ng	61
17) 2-Methylphenol	7.06	107	338992	33.168	ng	# 86
18) Hexachloroethane	7.29	117	164081	36.853	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	300566	34.817	ng	96
20) 3+4-Methylphenols	7.22	107	484665	44.750	ng	98
22) Acetophenone	7.20	105	587016	40.521	ng	# 98
24) Nitrobenzene	7.38	77	452514	35.848	ng	98
25) Isophorone	7.62	82	837389	36.599	ng	97
26) 2-Nitrophenol	7.70	139	238265	43.935	ng	96
27) 2,4-Dimethylphenol	7.74	122	375867	40.797	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	529931	36.462	ng	99
29) 2,4-Dichlorophenol	7.95	162	373947	41.084	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	359577	37.435	ng	95
31) Naphthalene	8.09	128	1178852	36.882	ng	99
32) Benzoic acid	7.92	122	251082	41.699	ng	97
33) 4-Chloroaniline	8.17	127	56716	4.083	ng	98
34) Hexachlorobutadiene	8.20	225	210184	37.833	ng	99
35) Caprolactam	8.56	113	94754	29.980	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	370055	36.990	ng	100
37) 2-Methylnaphthalene	8.79	142	779220	37.418	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	377673	37.935	ng	97
40) Hexachlorocyclopentadiene	8.93	237	114937	62.105	ng	99

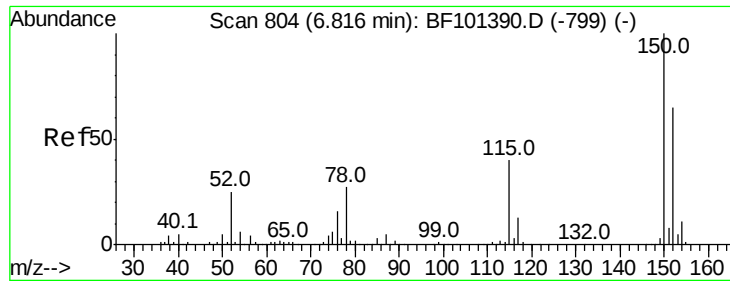
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101762.D
 Acq On : 27 Dec 2017 15:13
 Operator : SJ/JU
 Sample : PB105361BS
 Misc :
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Quant Time: Dec 28 04:02:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : 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	9.08	196	244330	40.765	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	224832	34.259	nq	94
45) 1,1'-Biphenyl	9.25	154	959726	36.699	nq	99
46) 2-Chloronaphthalene	9.28	162	725280	36.247	nq	97
47) 2-Nitroaniline	9.39	65	247201	35.762	nq	96
48) Acenaphthylene	9.69	152	1058204	33.483	nq	99
49) Dimethylphthalate	9.56	163	804769	33.930	nq	99
50) 2,6-Dinitrotoluene	9.63	165	183637	38.094	nq	94
51) Acenaphthene	9.86	154	653669	34.425	nq	99
52) 3-Nitroaniline	9.81	138	88119	14.662	nq	99
53) 2,4-Dinitrophenol	9.94	184	133040	79.336	nq	# 14
54) Dibenzofuran	10.04	168	941266	39.007	nq	99
55) 4-Nitrophenol	10.00	139	153911	58.729	nq	94
56) 2,4-Dinitrotoluene	10.05	165	249795	45.992	nq	# 95
57) Fluorene	10.38	166	765666	37.508	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	200457	42.515	nq	# 85
59) Diethylphthalate	10.25	149	828754	35.284	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	369552	37.774	nq	90
61) 4-Nitroaniline	10.43	138	144389	23.901	nq	96
62) Azobenzene	10.53	77	820634	33.727	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	101369	35.844	nq	93
65) n-Nitrosodiphenylamine	10.49	169	708658	34.631	nq	96
66) 4-Bromophenyl-phenylether	10.86	248	235758	37.860	nq	# 87
67) Hexachlorobenzene	10.93	284	248524	37.709	nq	# 87
68) Atrazine	11.03	200	239798	39.301	nq	96
69) Pentachlorophenol	11.14	266	202192	78.983	nq	96
70) Phenanthrene	11.35	178	1097483	35.610	nq	99
71) Anthracene	11.40	178	1141254	36.252	nq	100
72) Carbazole	11.56	167	964509	32.724	nq	99
73) Di-n-butylphthalate	11.87	149	1298037	36.284	nq	100
74) Fluoranthene	12.54	202	1140311	35.250	nq	99
77) Pyrene	12.77	202	1158998	40.500	nq	100
79) Butylbenzylphthalate	13.37	149	534760	41.299	nq	98
80) Benzo(a)anthracene	13.96	228	911968	36.220	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	143750	17.510	nq	# 98
82) Chrysene	14.00	228	880955	37.057	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	696951	42.495	nq	99
84) Di-n-octyl phthalate	14.53	149	1109170	37.921	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	760595	35.928	nq	96
87) Benzo(b)fluoranthene	15.02	252	733410	36.037	nq	99
88) Benzo(k)fluoranthene	15.02	252	733410	37.065	nq	97
89) Benzo(a)pyrene	15.38	252	683647	36.440	nq	100
90) Dibenzo(a,h)anthracene	16.92	278	630247	39.126	nq	99
91) Benzo(g,h,i)perylene	17.37	276	685818	42.997	nq	95

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

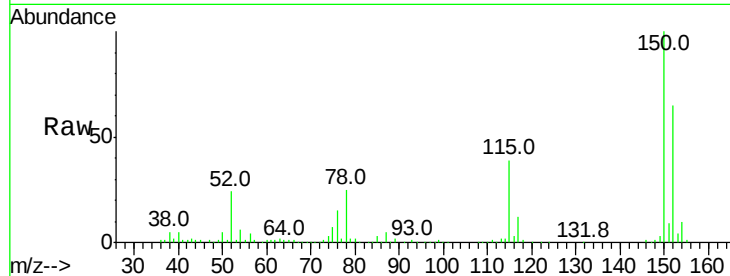


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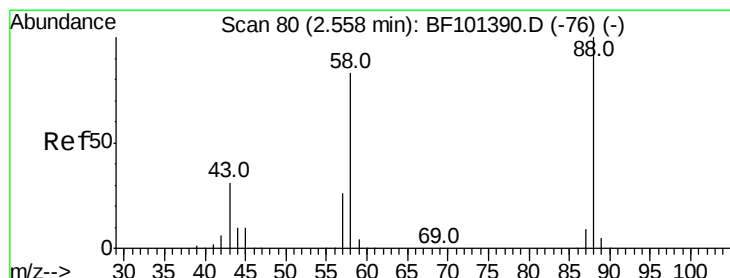
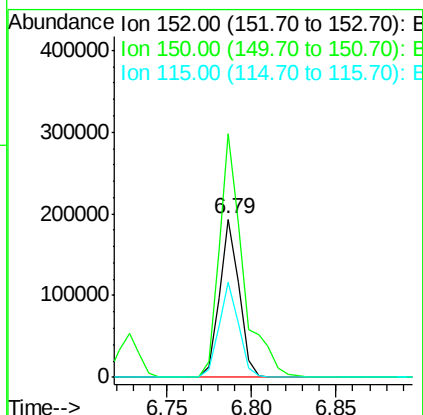
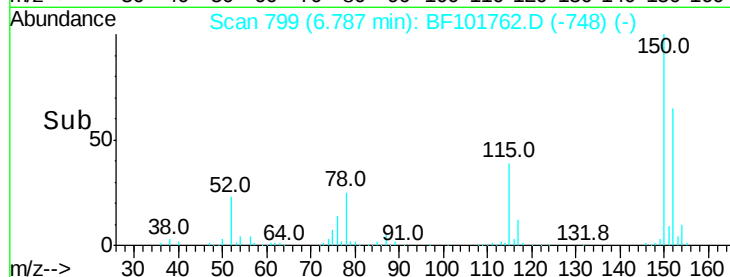
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157336
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 60.2 50.1 75.1



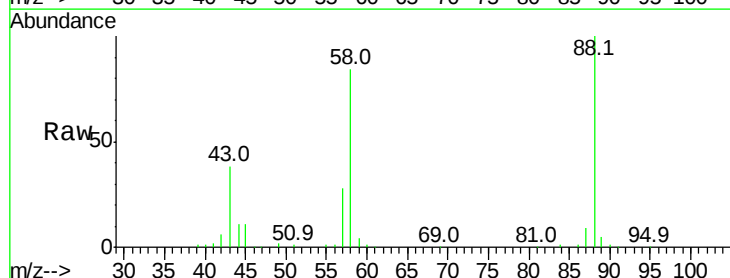
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



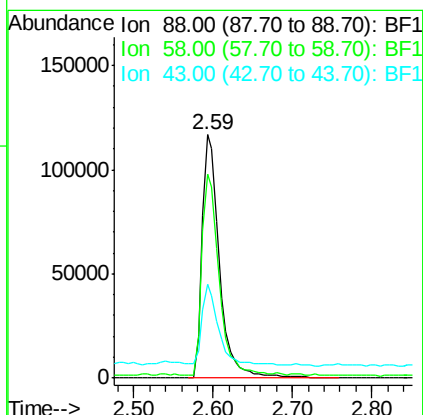
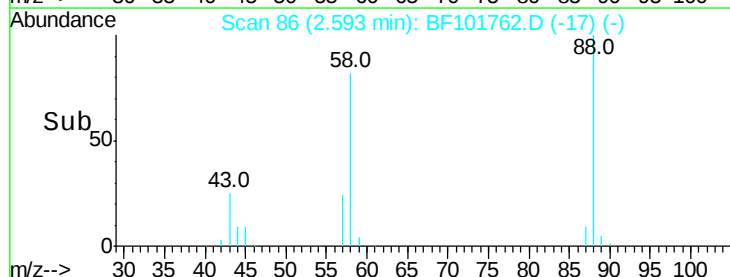
#2

1,4-Dioxane
Concen: 33.156 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.11 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion: 88 Resp: 179951
Ion Ratio Lower Upper
88 100
58 81.9 62.6 93.8
43 29.6 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: 29.399 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.12 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

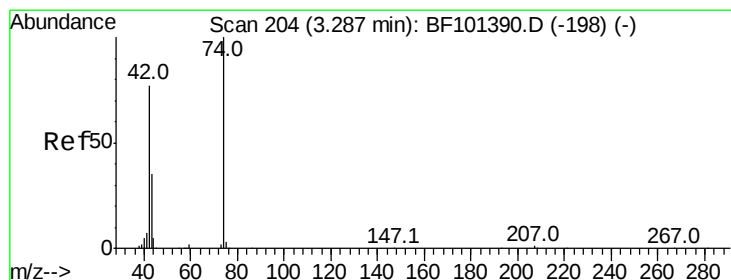
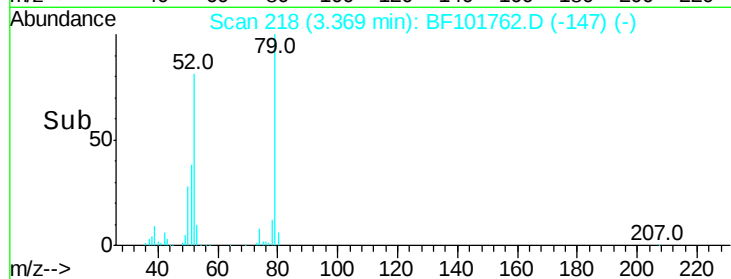
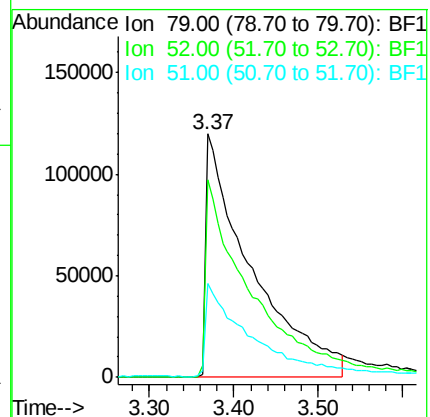
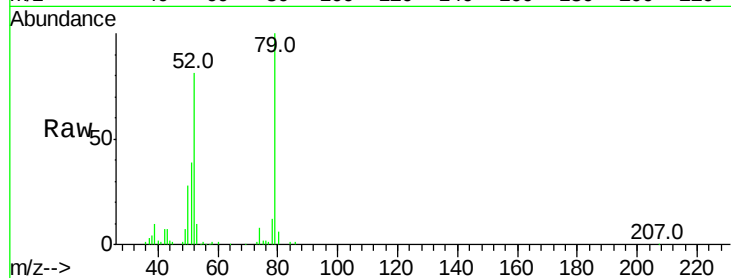
Tot Ion: 79 Resp: 443317

Ion Ratio Lower Upper

79 100

52 81.3 59.8 89.6

51 38.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.166 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.11 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

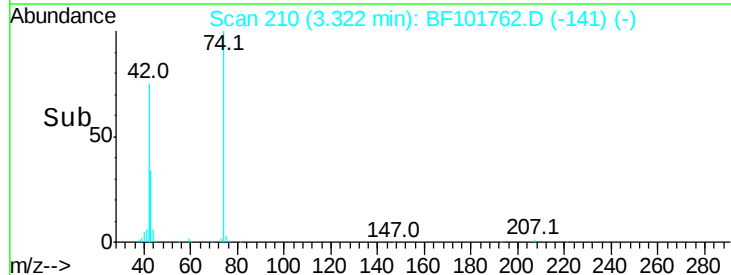
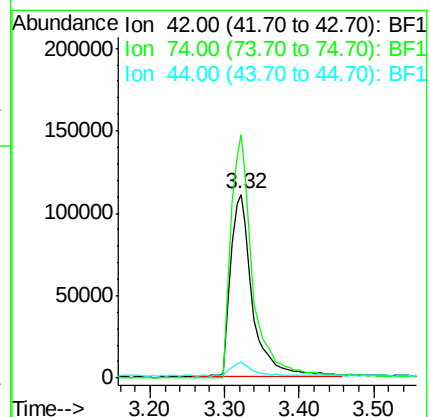
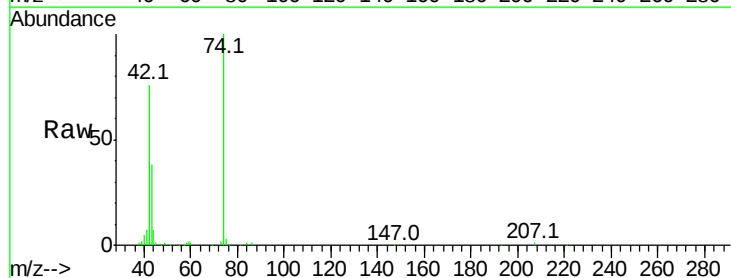
Tgt Ion: 42 Resp: 230268

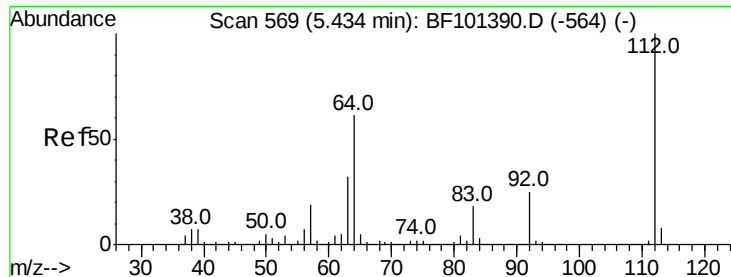
Ion Ratio Lower Upper

42 100

74 132.4 104.9 157.3

44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 106.777 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampled :

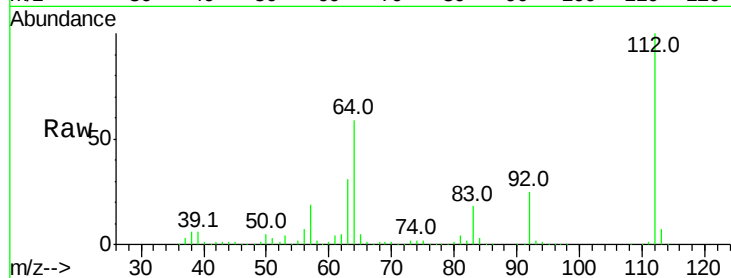
Tot Ion:112 Resp: 1127827

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

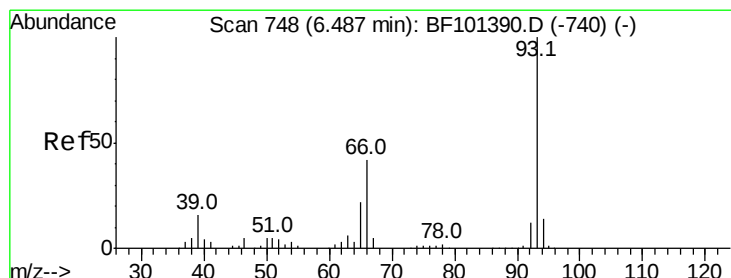
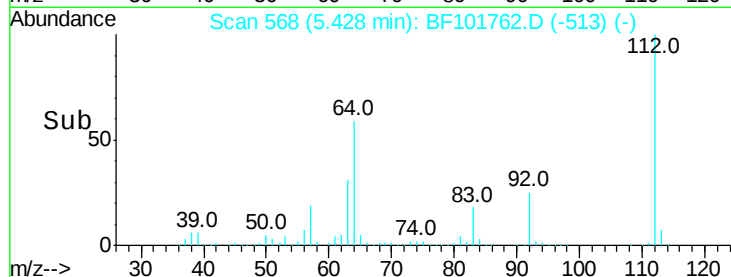
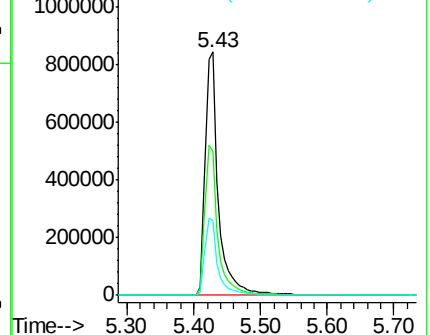
63 30.7 23.7 35.5



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: 6.383 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

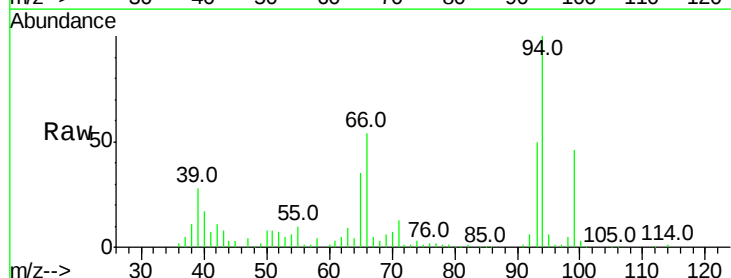
Tgt Ion: 93 Resp: 116599

Ion Ratio Lower Upper

93 100

66 107.9 32.2 48.2#

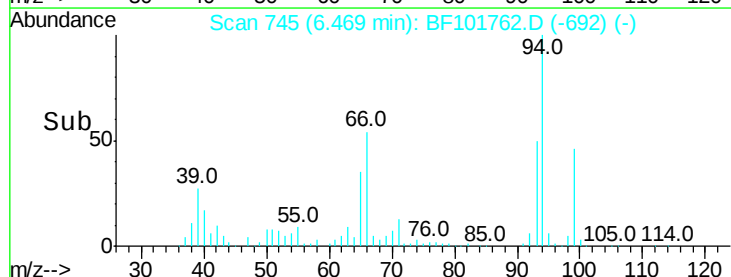
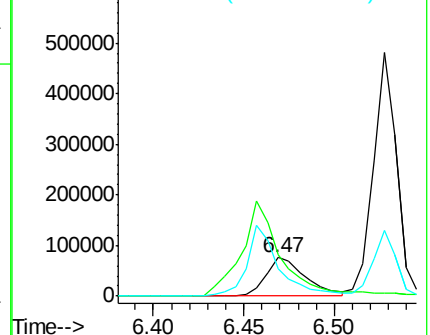
65 70.5 16.4 24.6#

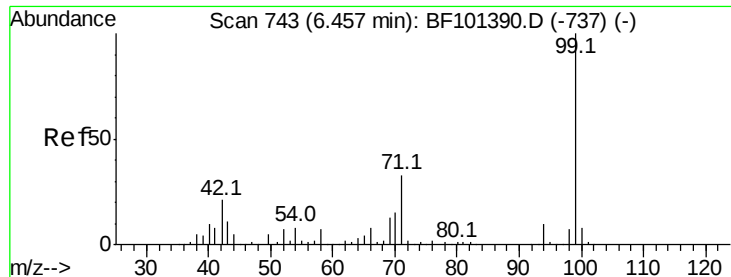


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.979 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

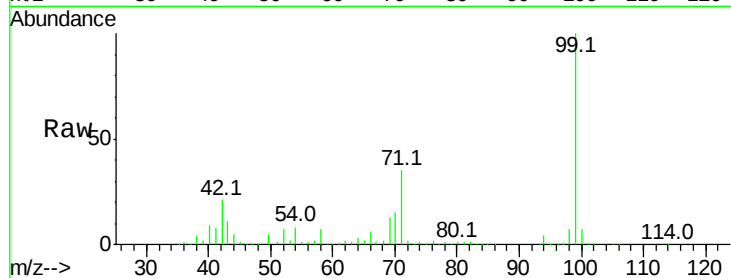
Tot Ion: 99 Resp: 1301119

Ion Ratio Lower Upper

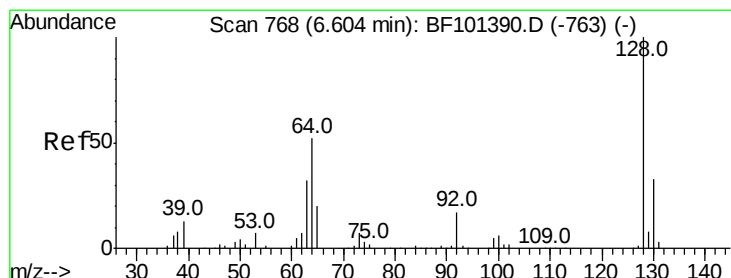
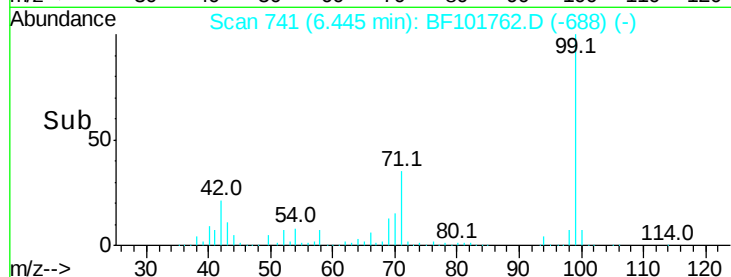
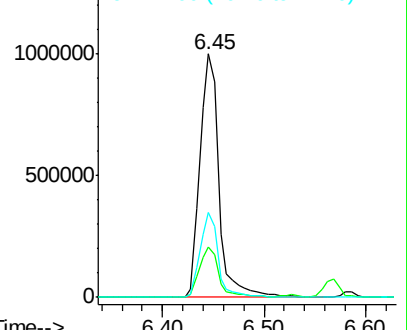
99 100

42 20.9 14.5 21.7

71 34.7 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: 37.284 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

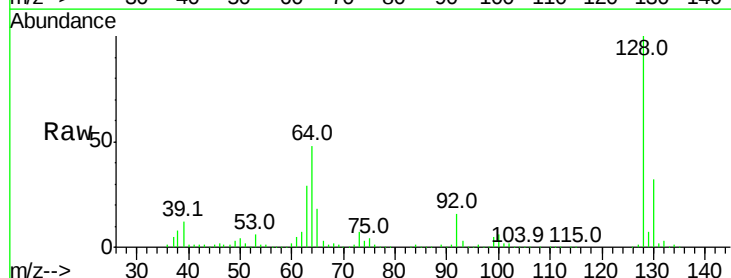
Tgt Ion: 128 Resp: 414265

Ion Ratio Lower Upper

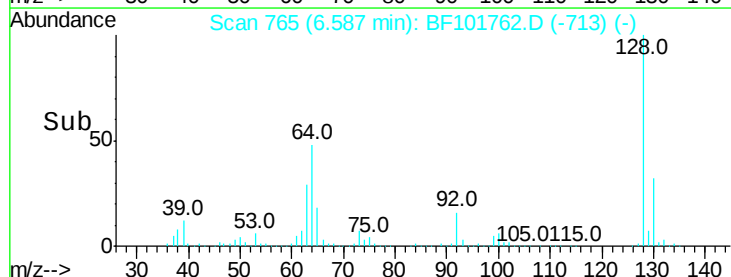
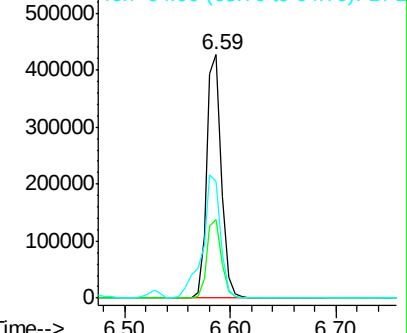
128 100

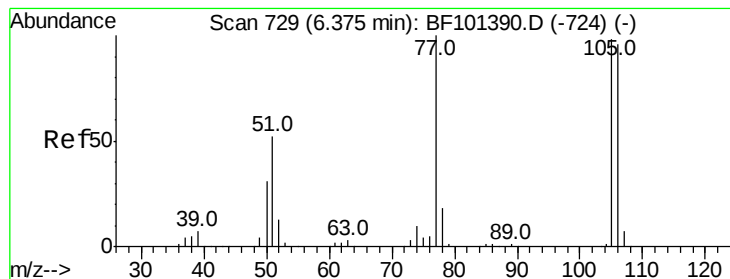
130 32.4 13.0 53.0

64 48.2 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: 17.123 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

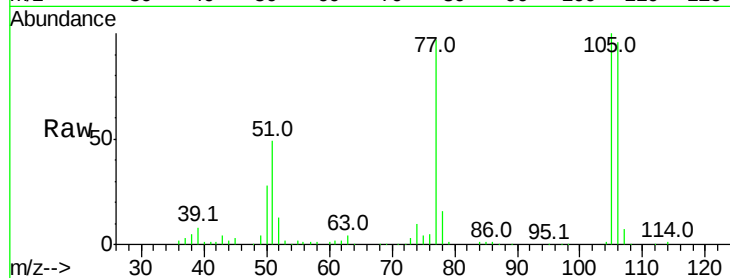
Tot Ion: 77 Resp: 166231

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

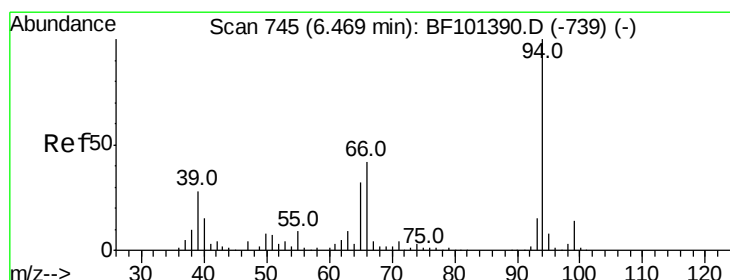
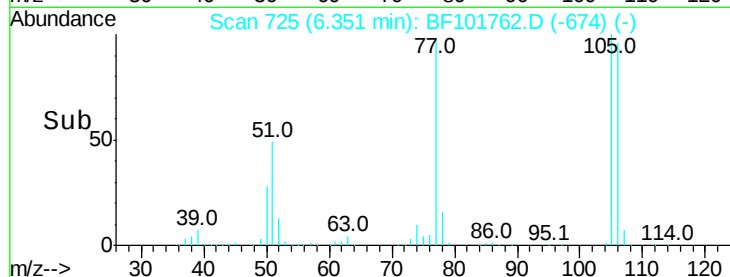
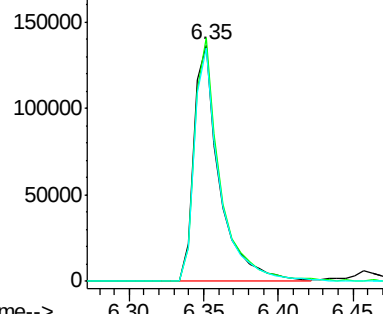
106 98.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.867 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

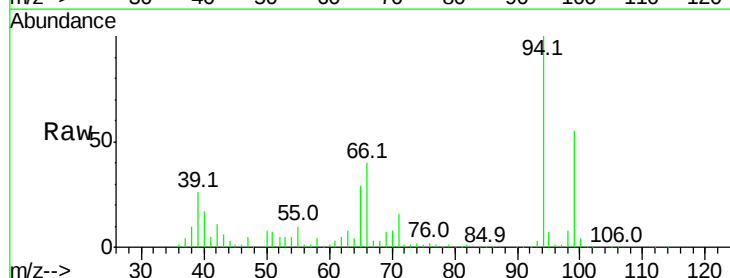
Tgt Ion: 94 Resp: 507413

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

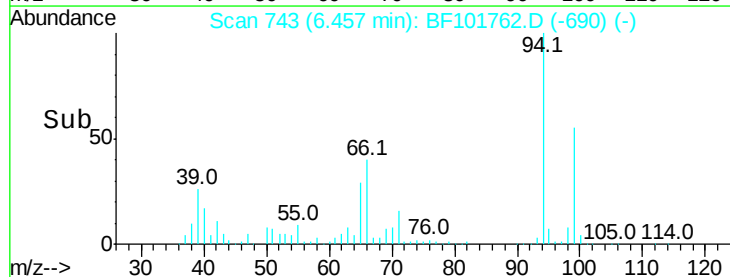
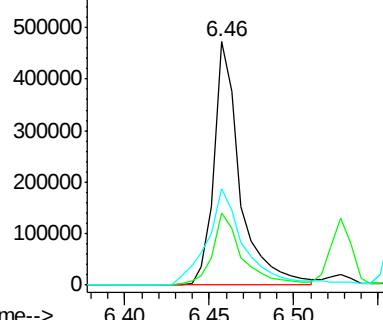
66 39.7 16.2 56.2

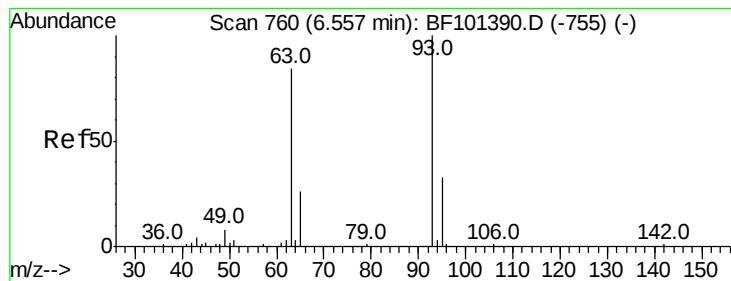


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.772 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

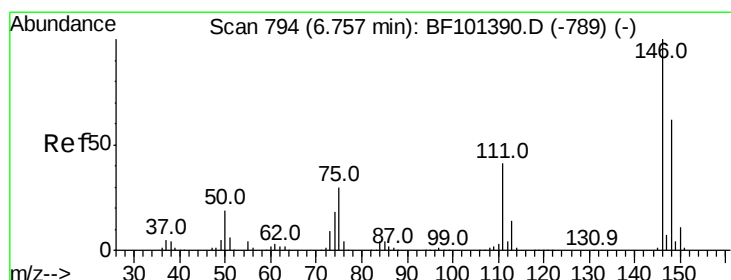
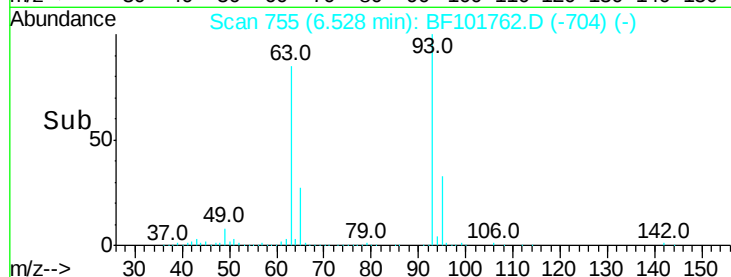
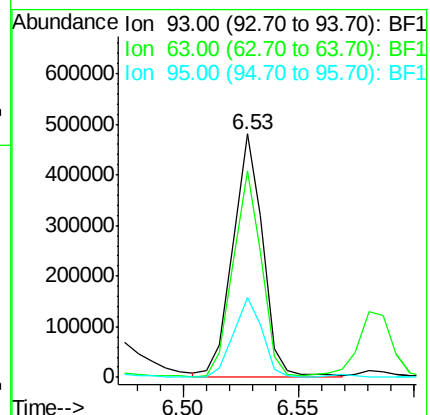
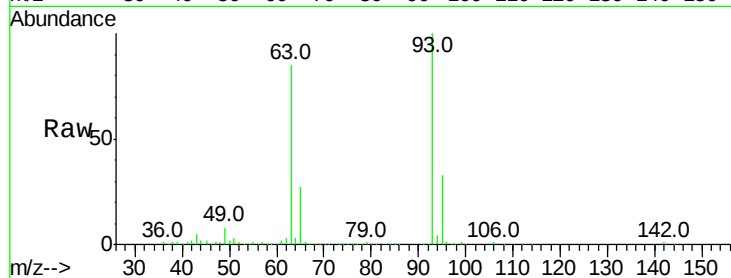
Tot Ion: 93 Resp: 432159

Ion Ratio Lower Upper

93 100

63 84.7 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.887 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

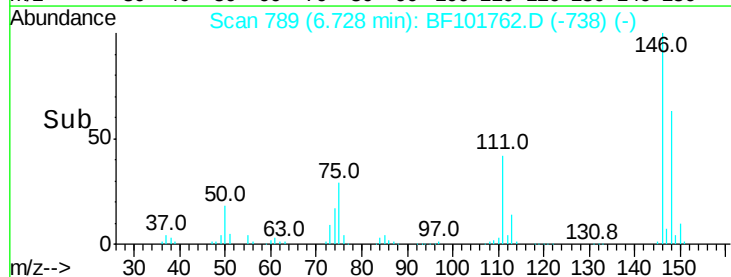
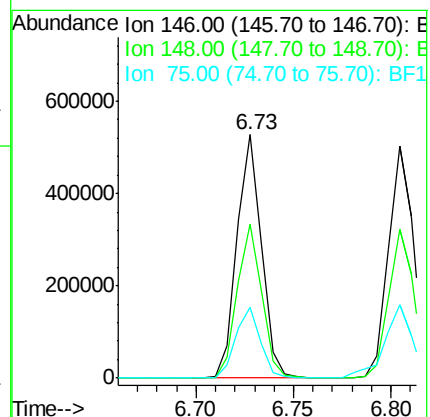
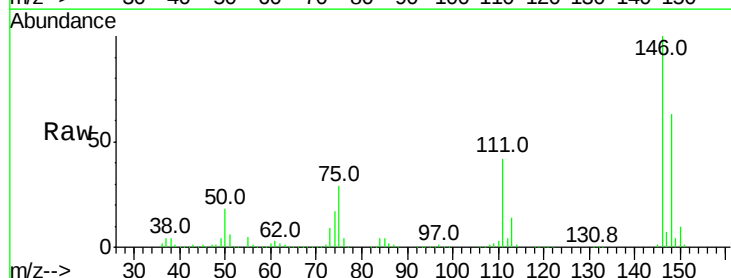
Tgt Ion: 146 Resp: 462563

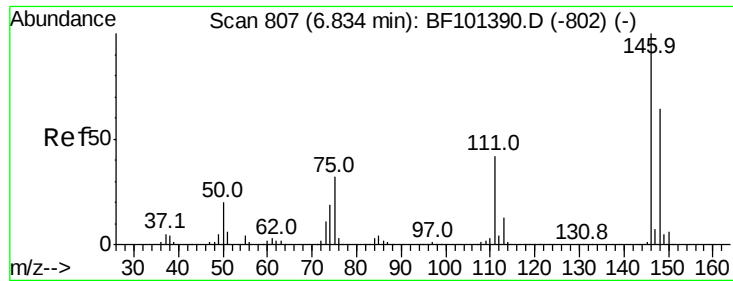
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 29.4 24.2 36.4

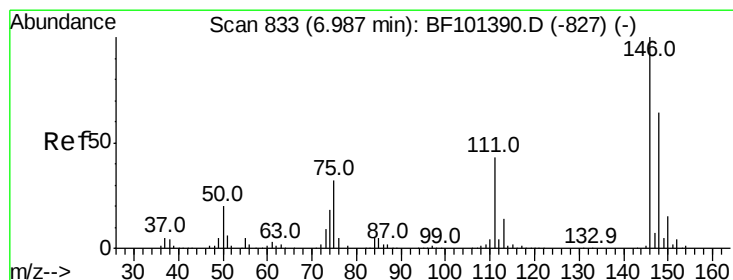
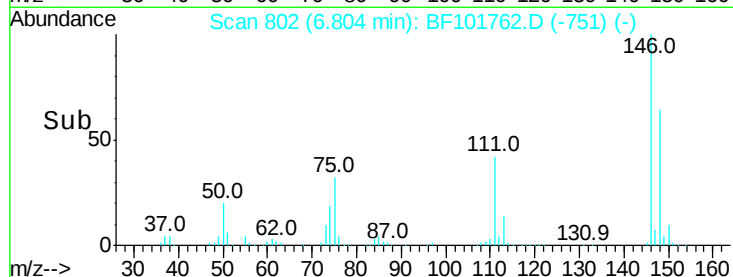
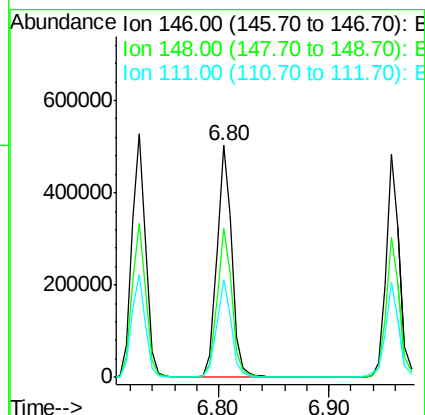
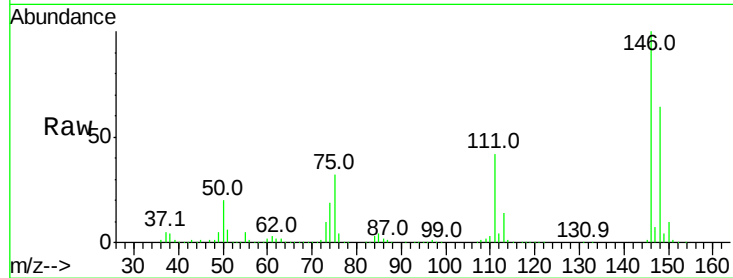




#13
 1,4-Dichlorobenzene
 Concen: 36.234 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

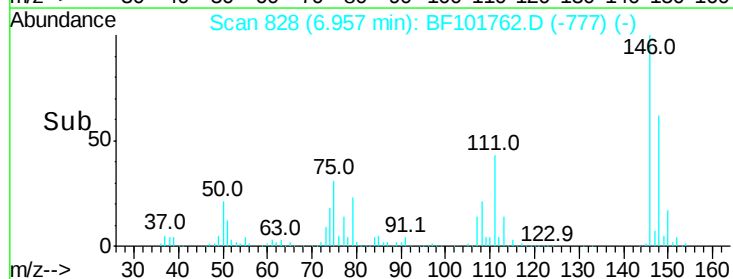
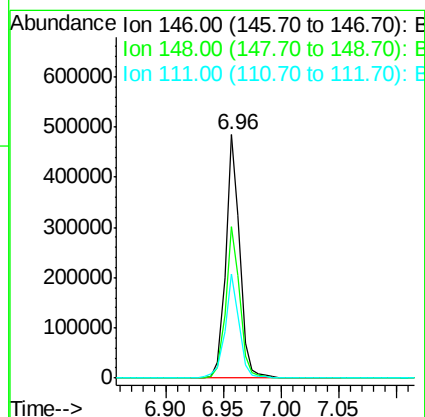
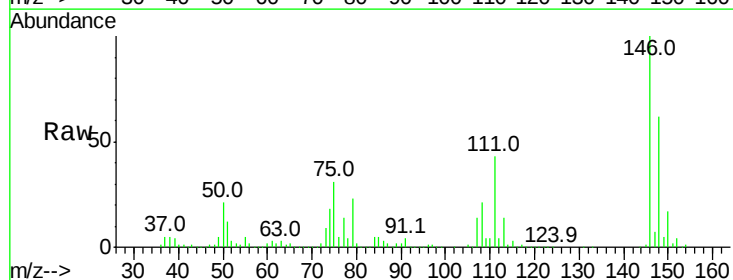
Instrument :
 BNA_F
 ClientSampleId :

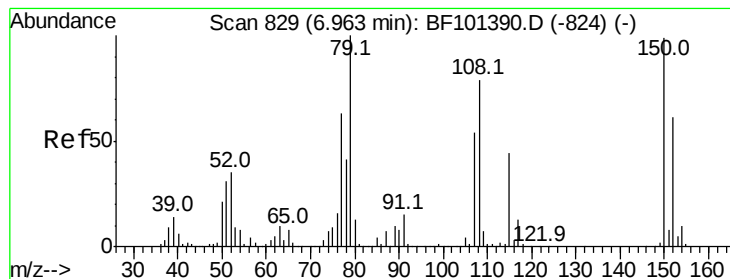
Tot Ion:146 Resp: 464007
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.274 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion:146 Resp: 406593
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 42.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.909 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampled :

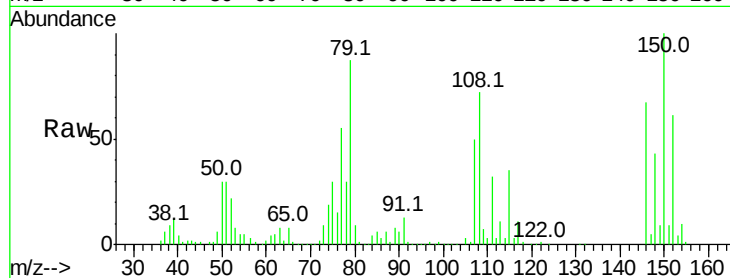
Tot Ion: 79 Resp: 315854

Ion Ratio Lower Upper

79 100

108 82.4 65.1 97.7

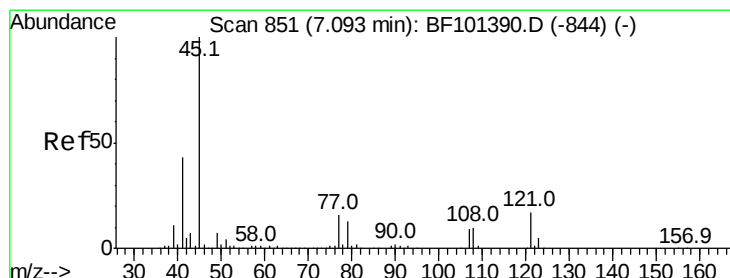
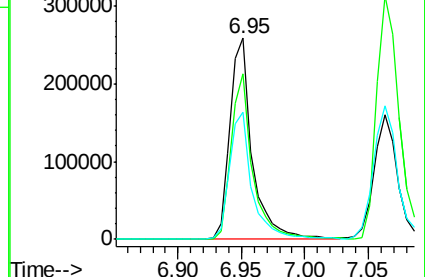
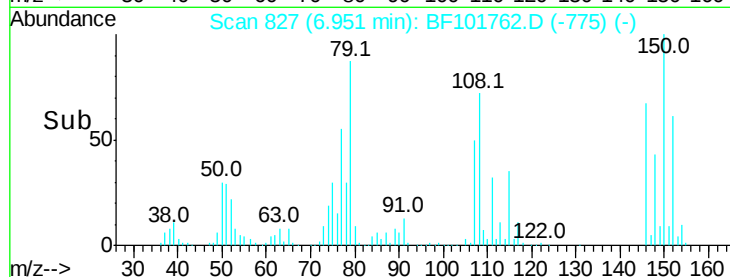
77 63.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.321 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

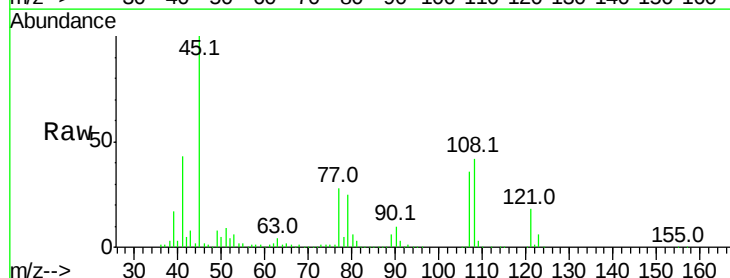
Tgt Ion: 45 Resp: 689247

Ion Ratio Lower Upper

45 100

77 27.7 0.0 32.9

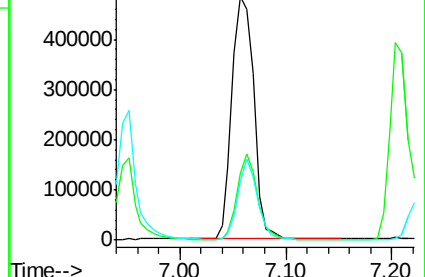
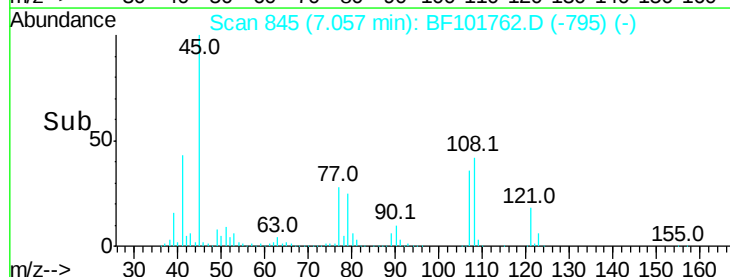
79 24.5 0.0 29.6

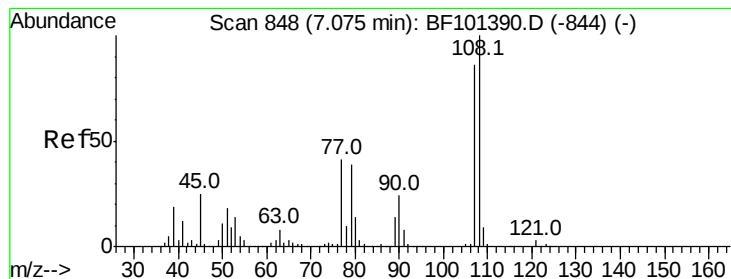


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

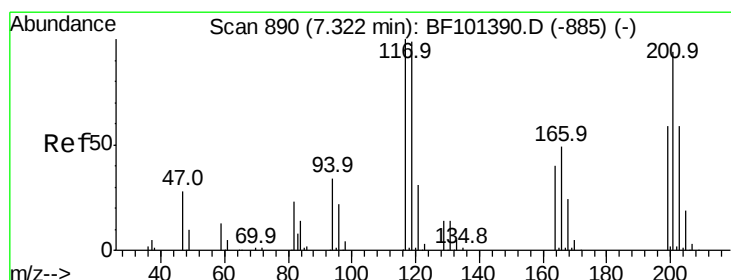
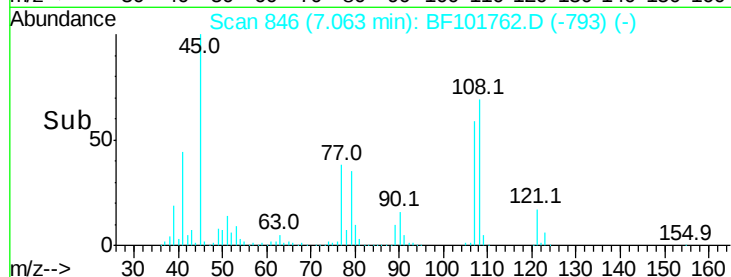
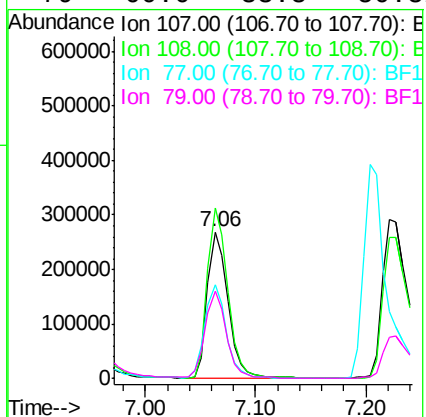
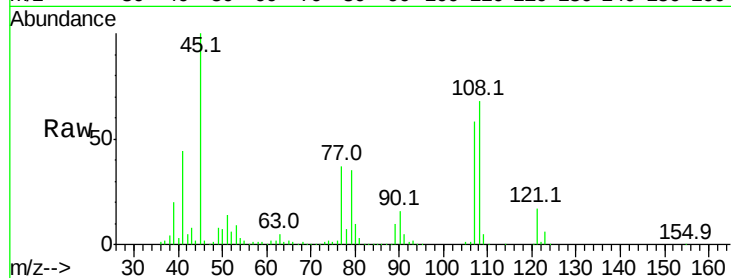




#17
2-Methylphenol
Concen: 33.168 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

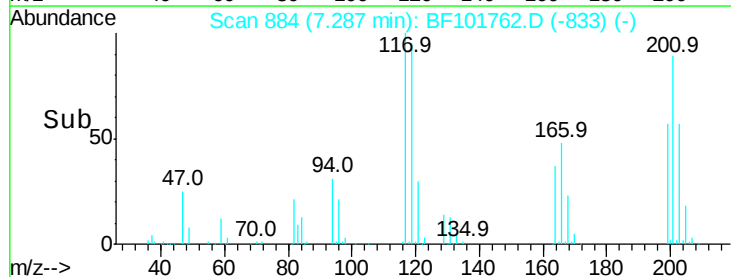
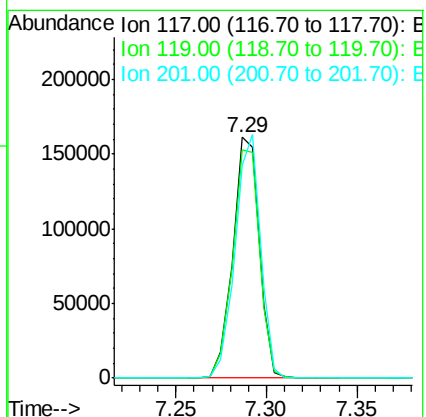
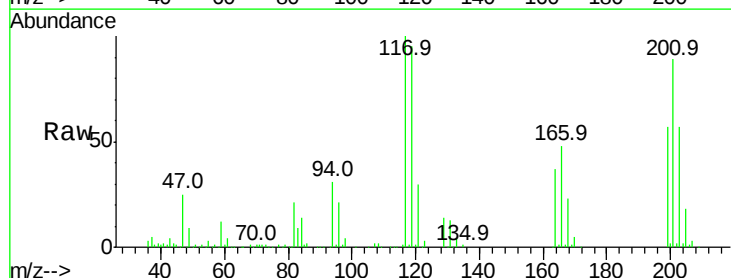
Instrument :
BNA_F
ClientSampled :

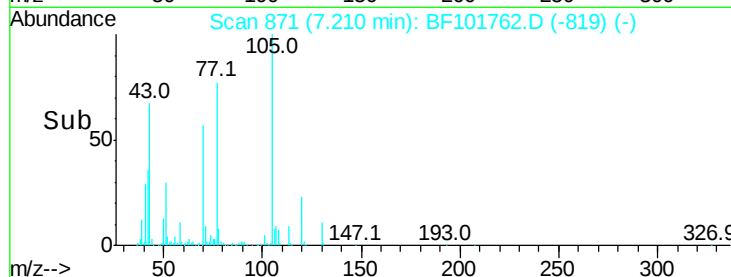
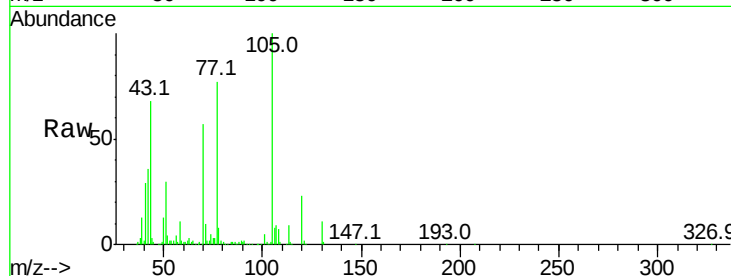
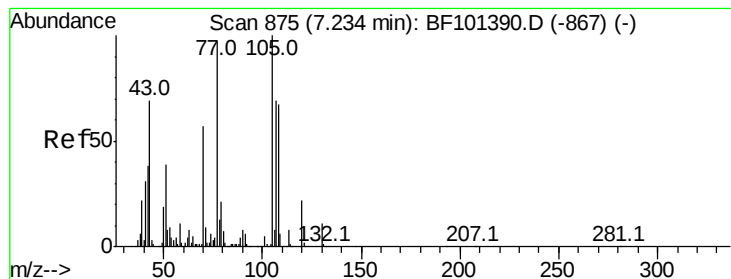
Tot Ion:107 Resp: 338992
Ion Ratio Lower Upper
107 100
108 116.7 91.7 137.5
77 64.3 33.8 50.8#
79 60.0 33.8 50.8#



#18
Hexachloroethane
Concen: 36.853 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:117 Resp: 164081
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 88.6 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.817 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 300566

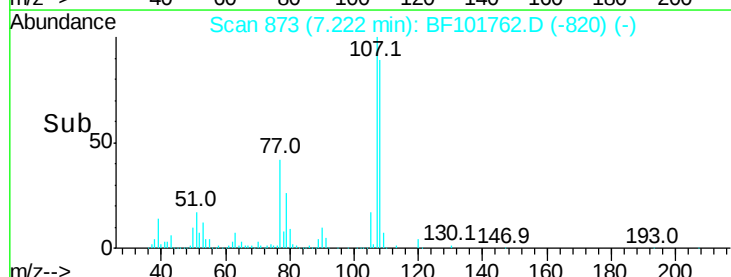
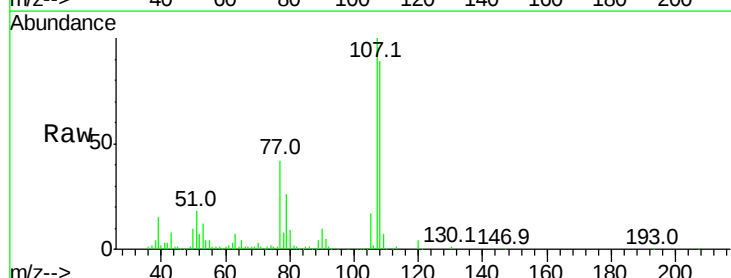
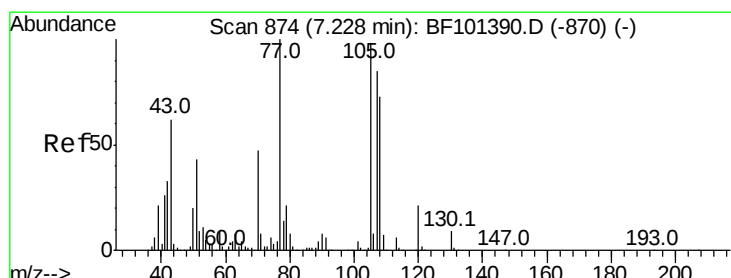
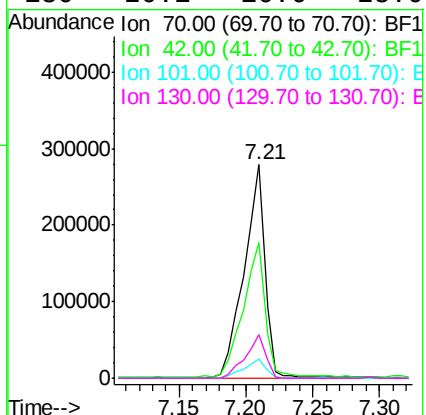
Ion Ratio Lower Upper

70 100

42 63.3 47.5 71.3

101 9.3 7.4 11.2

130 20.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 44.750 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Tgt Ion:107 Resp: 484665

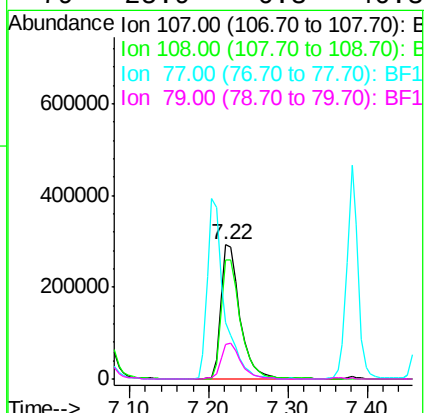
Ion Ratio Lower Upper

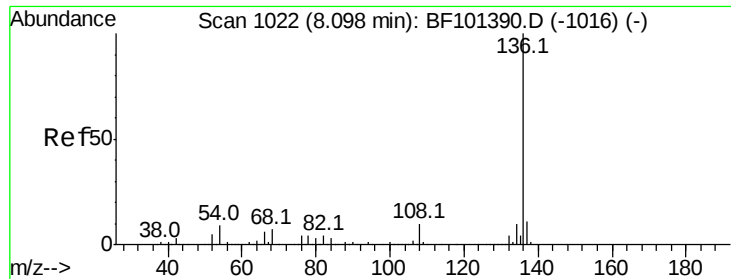
107 100

108 88.5 68.2 108.2

77 42.2 26.7 66.7

79 25.9 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: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 634896

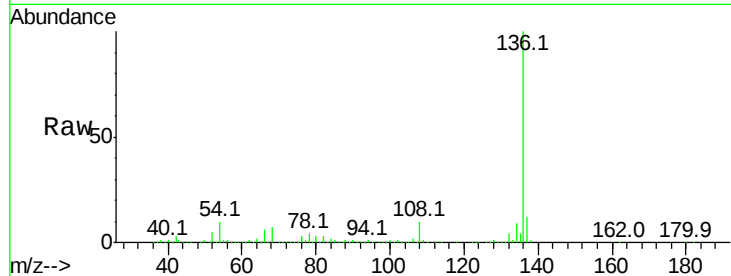
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.8 6.6 9.8

68 7.0 5.0 7.4

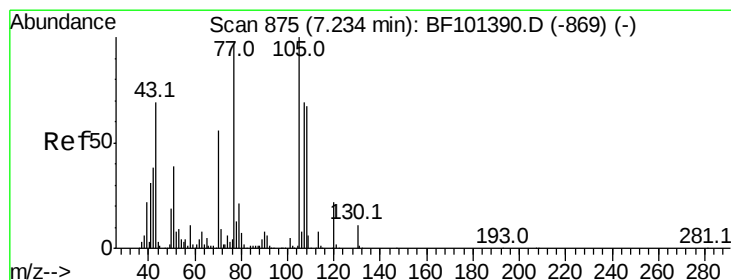
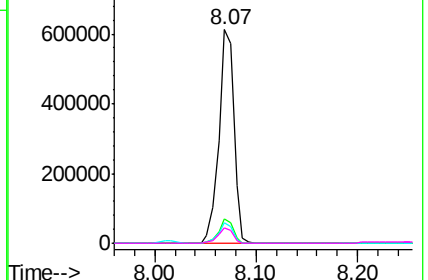
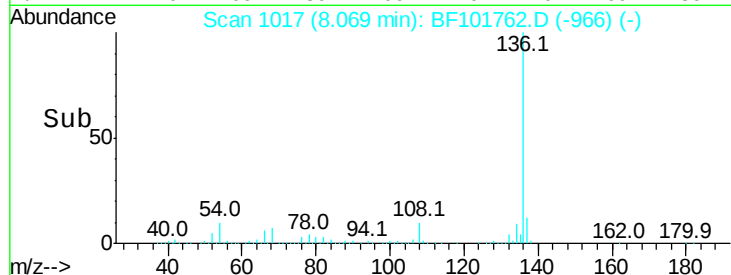


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.521 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Tgt Ion:105 Resp: 587016

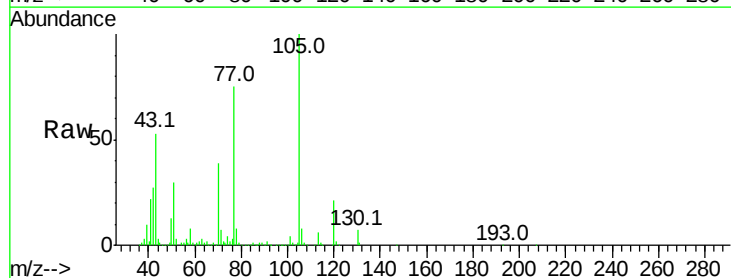
Ion Ratio Lower Upper

105 100

71 6.7 4.4 6.6#

51 29.7 22.3 33.5

120 21.4 16.9 25.3

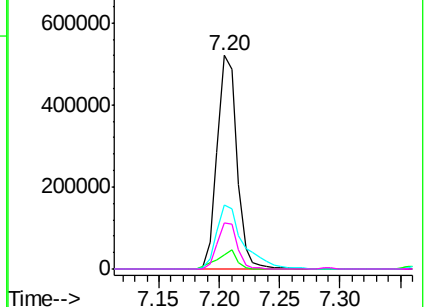
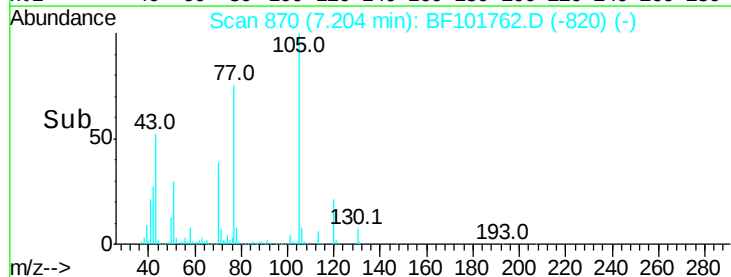


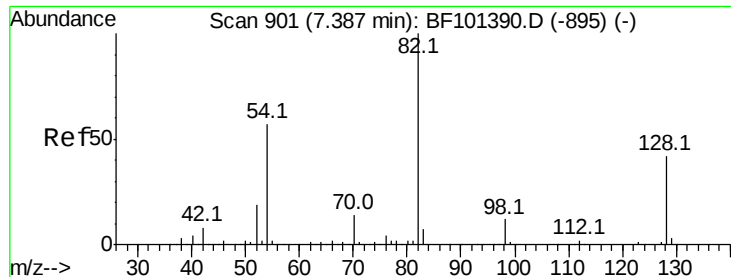
Abundance Ion 105.00 (104.70 to 105.70): E

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

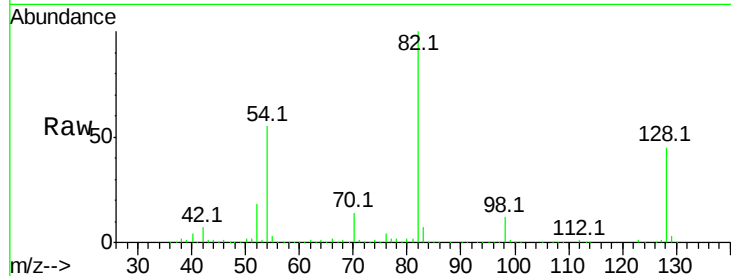




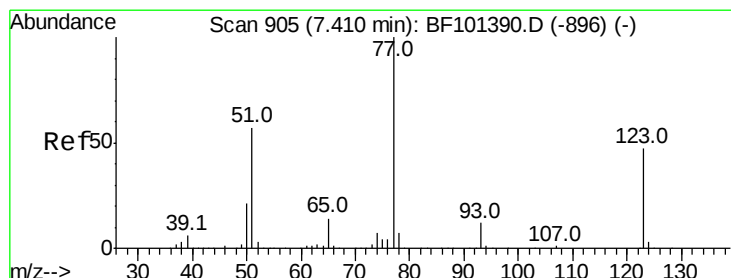
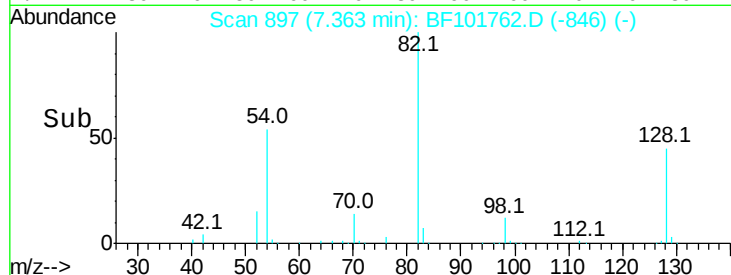
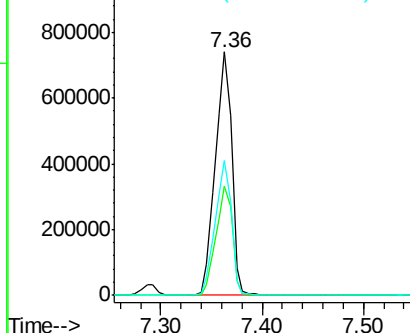
#23
 Nitrobenzene-d5
 Concen: 73.620 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	839668
Ion Ratio	100	Lower	Upper
128	44.8	36.1	54.1
54	55.4	41.4	62.2

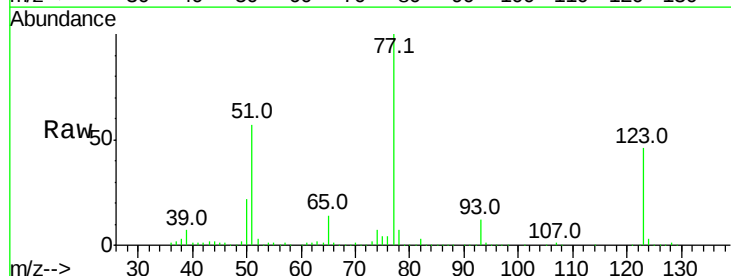


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

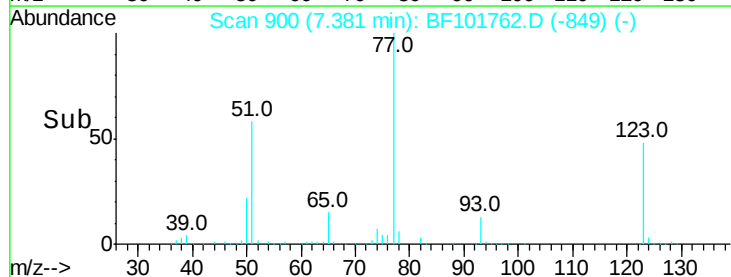
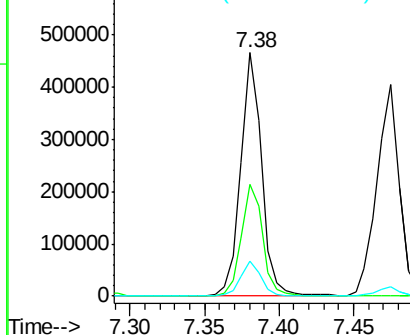


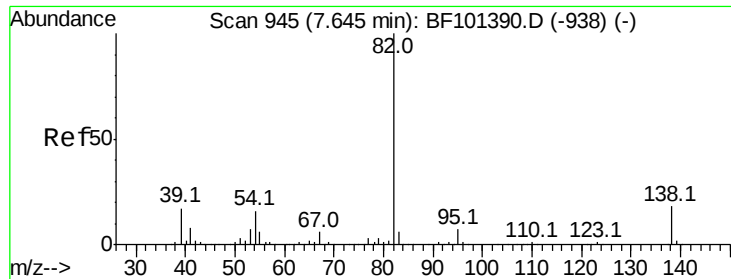
#24
 Nitrobenzene
 Concen: 35.848 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion	77	Resp	452514
Ion Ratio	100	Lower	Upper
123	45.9	37.9	56.9
65	14.2	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.599 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

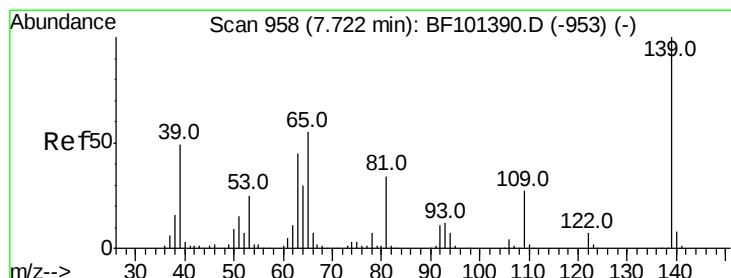
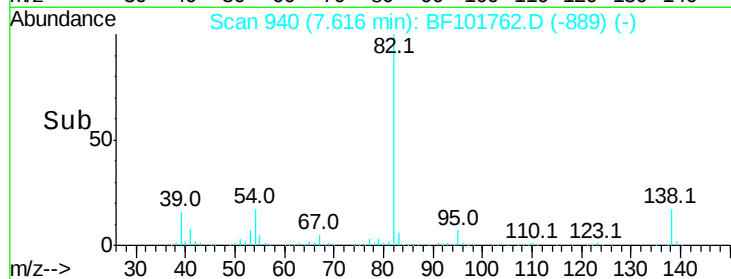
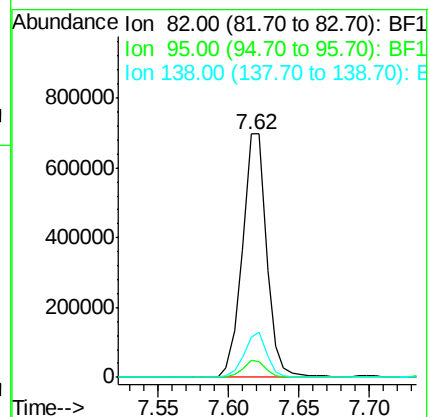
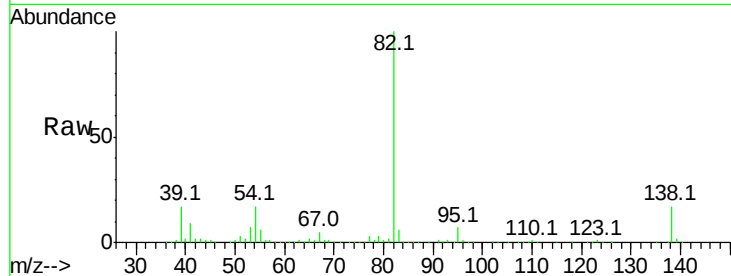
Tot Ion: 82 Resp: 837389

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 16.7 14.9 22.3



#26

2-Nitrophenol

Concen: 43.935 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

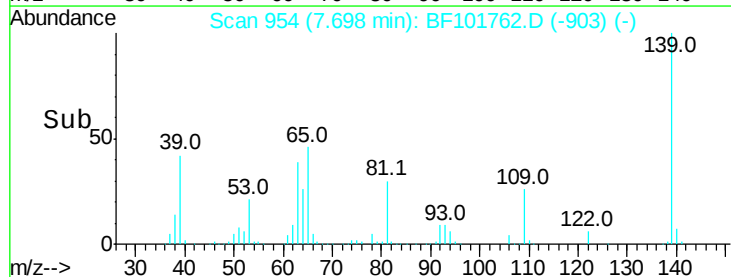
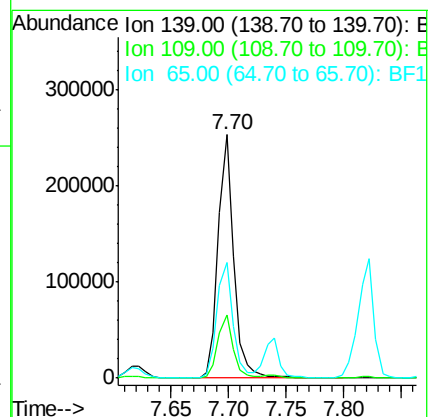
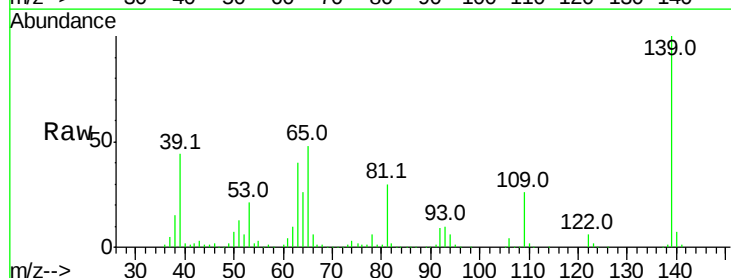
Tgt Ion: 139 Resp: 238265

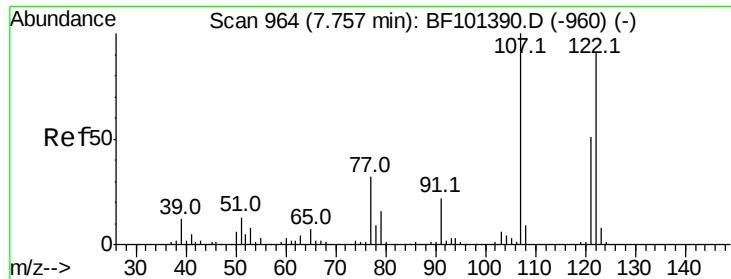
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 47.6 40.5 60.7

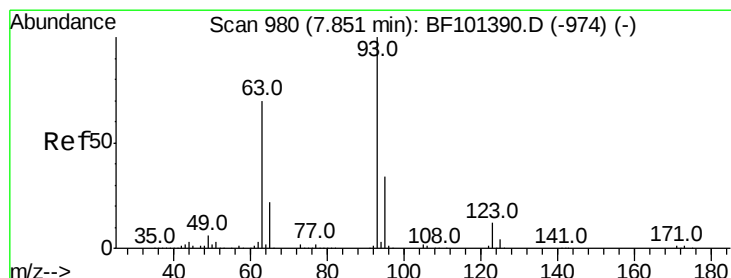
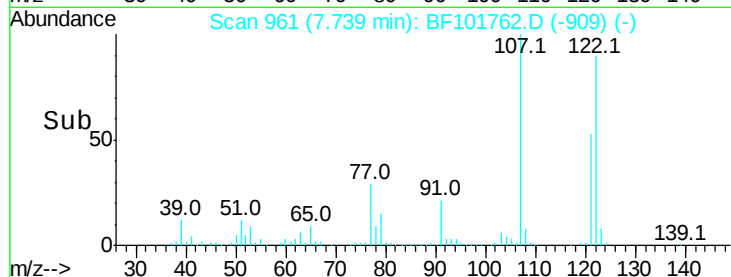
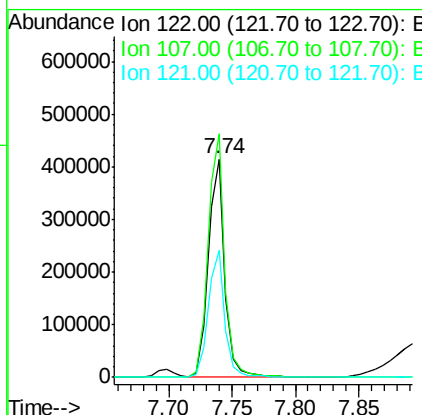
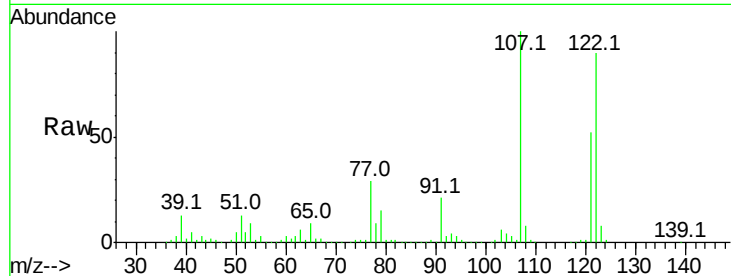




#27
2,4-Dimethylphenol
Concen: 40.797 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

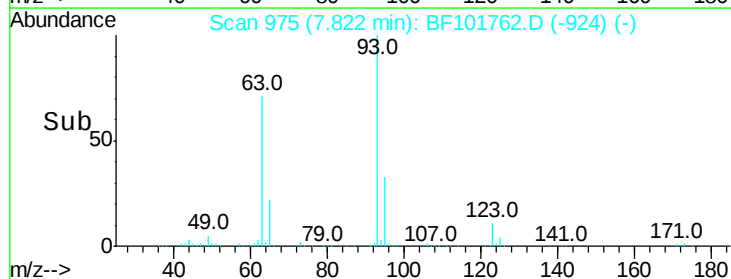
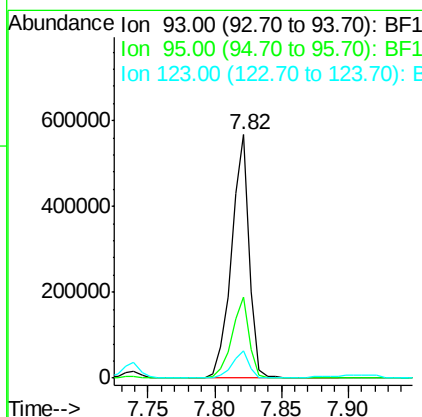
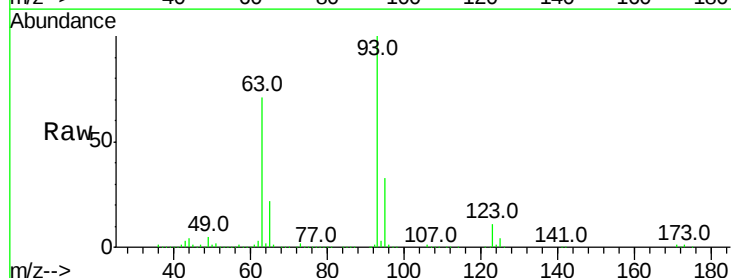
Instrument :
BNA_F
ClientSampleId :

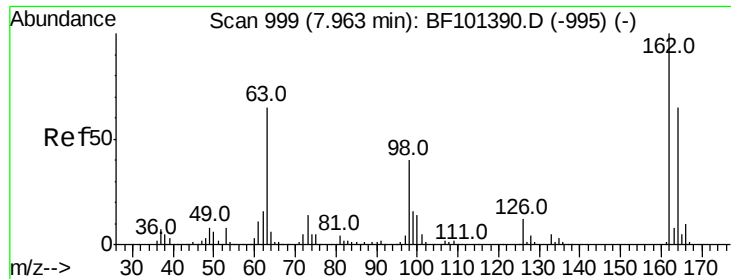
Tot Ion:122 Resp: 375867
Ion Ratio Lower Upper
122 100
107 111.5 91.2 136.8
121 58.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 36.462 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion: 93 Resp: 529931
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 11.2 9.8 14.6

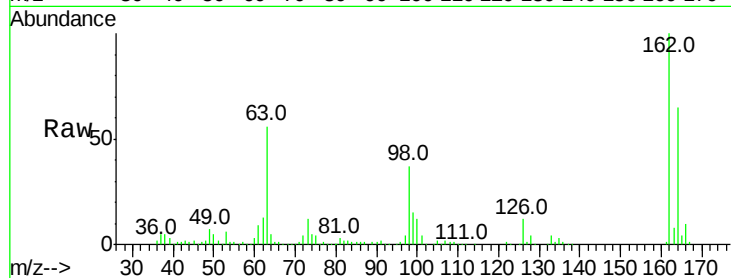




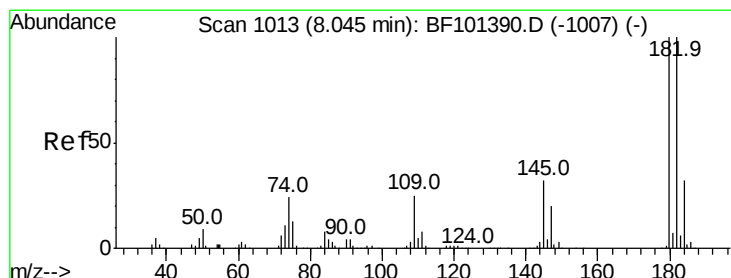
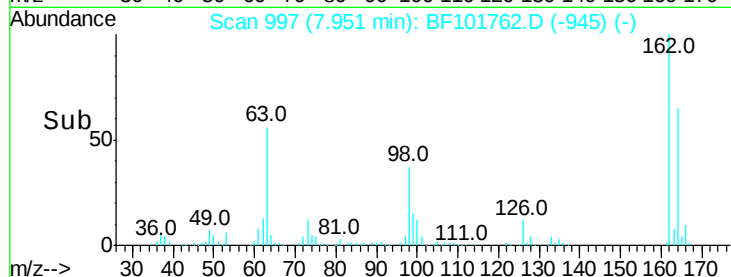
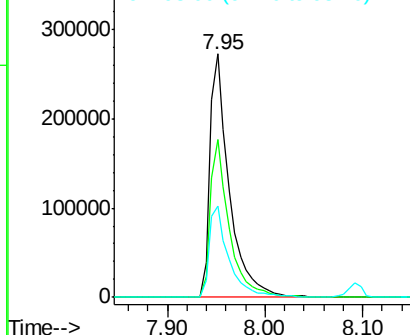
#29
2,4-Dichlorophenol
Concen: 41.084 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	37.3	18.1	58.1

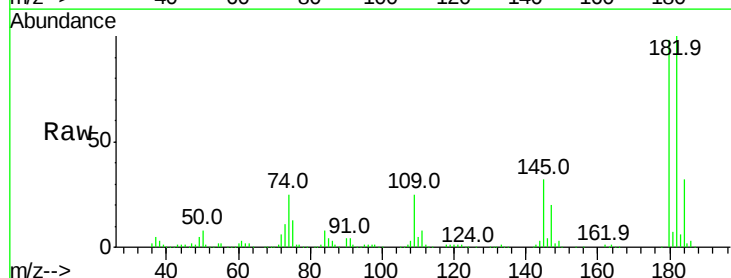


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

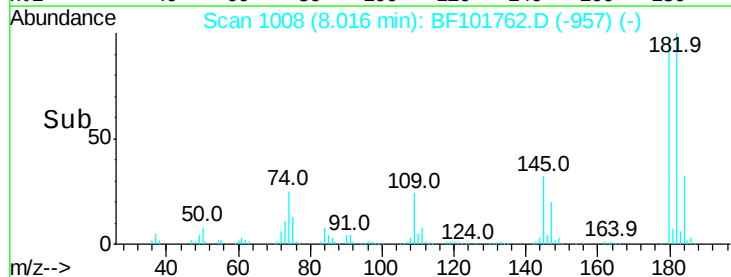
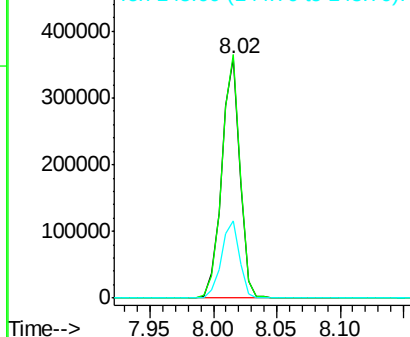


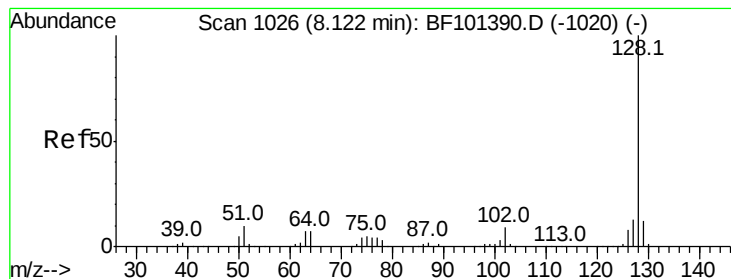
#30
1,2,4-Trichlorobenzene
Concen: 37.435 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.6	76.8	115.2
145	32.1	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: 36.882 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

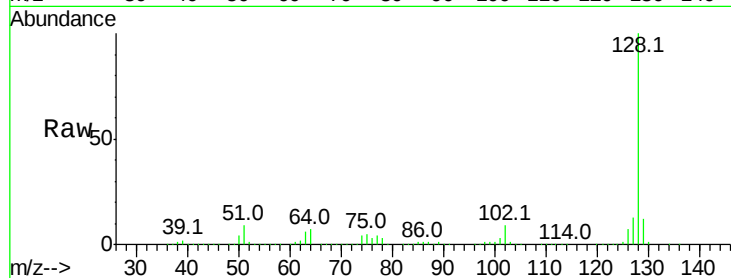
Tot Ion:128 Resp: 1178852

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

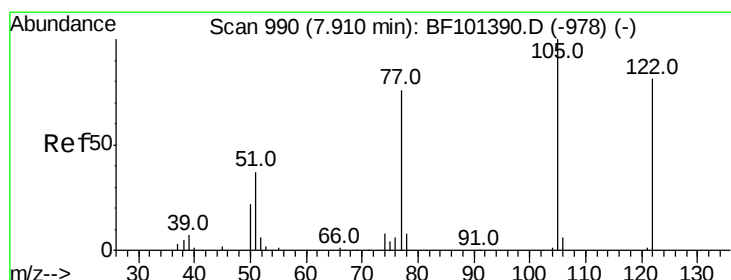
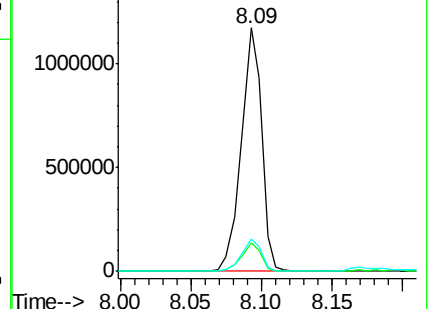
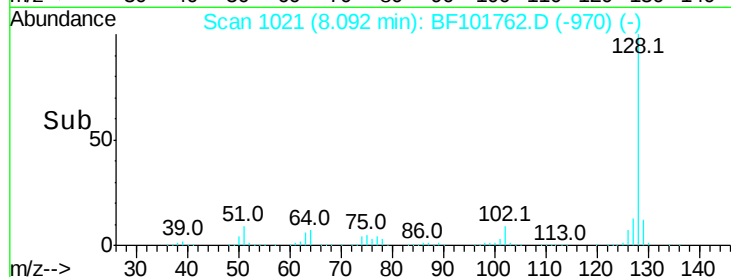
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.699 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

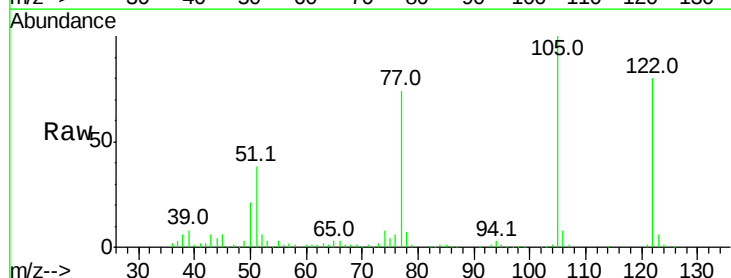
Tgt Ion:122 Resp: 251082

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

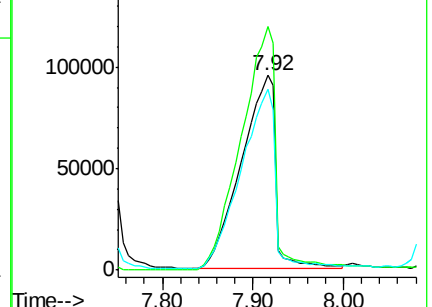
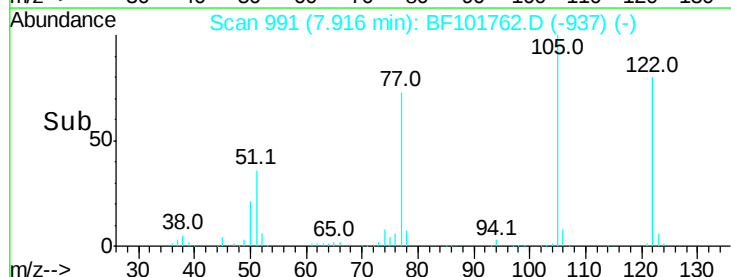
77 92.8 70.7 110.7

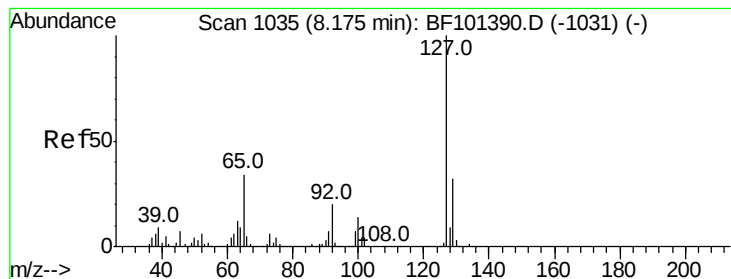


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 4.083 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 56716

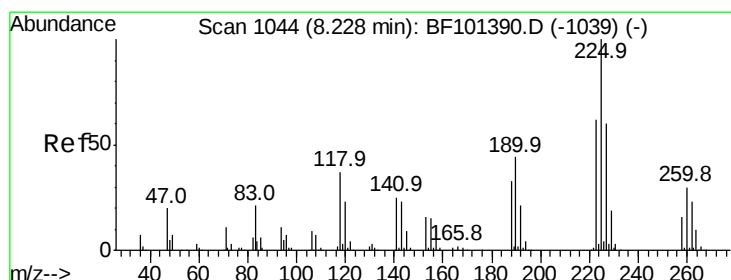
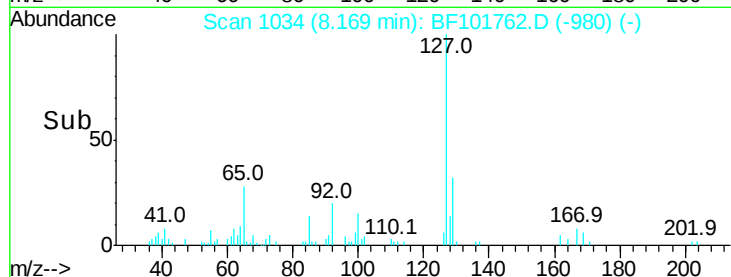
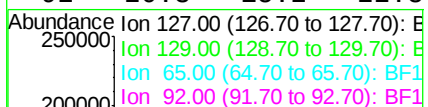
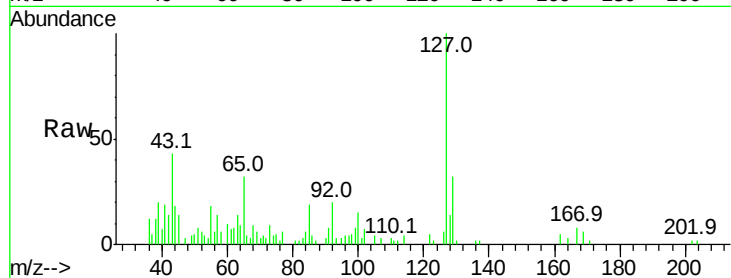
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 32.3 25.0 37.4

92 20.3 15.2 22.8



#34

Hexachlorobutadiene

Concen: 37.833 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

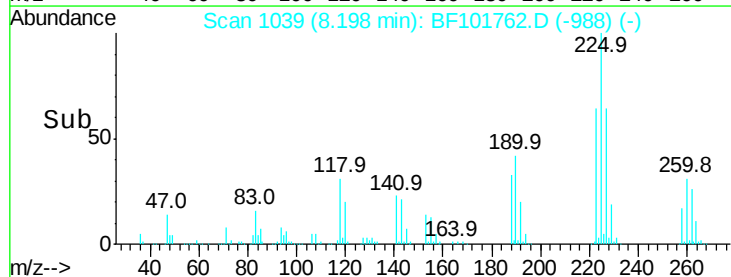
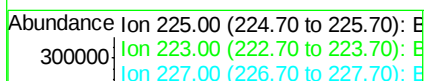
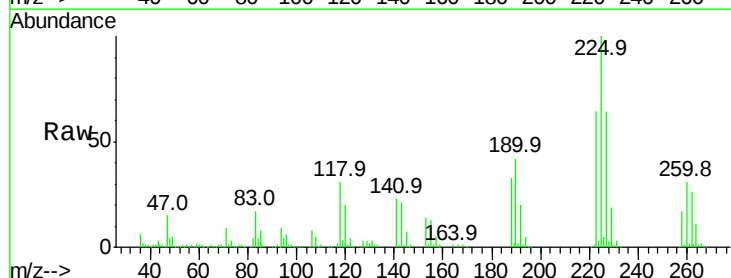
Tgt Ion:225 Resp: 210184

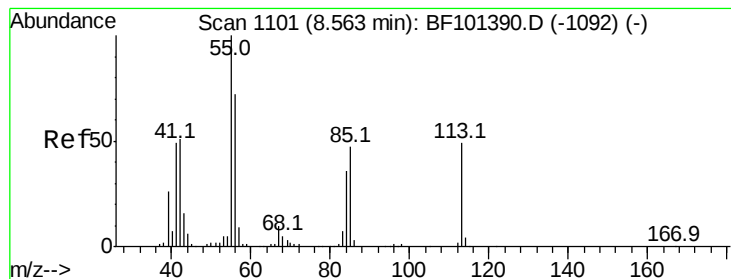
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

227 63.8 51.9 77.9





#35

Caprolactam

Concen: 29.980 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

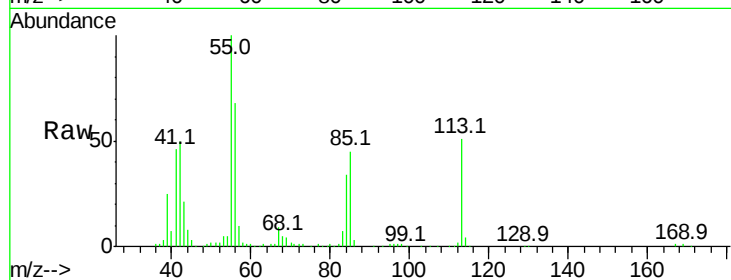
Tot Ion:113 Resp: 94754

Ion Ratio Lower Upper

113 100

55 197.3 163.3 203.3

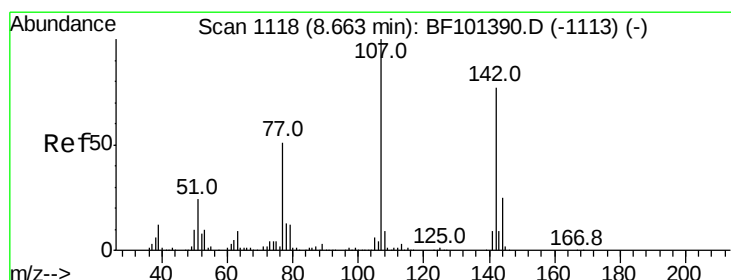
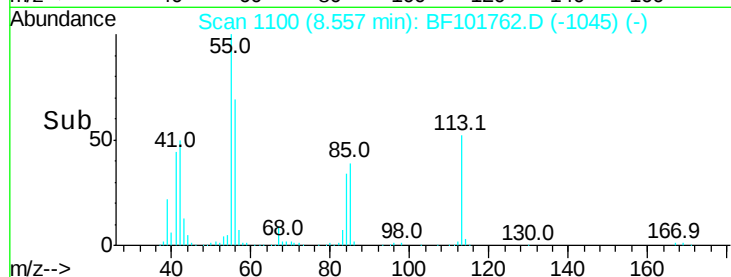
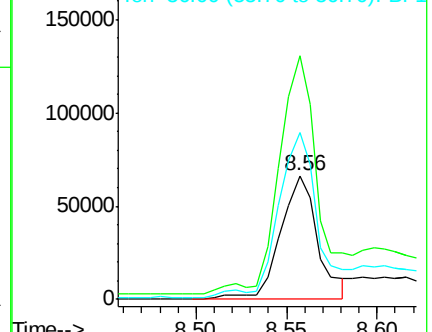
56 134.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.990 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

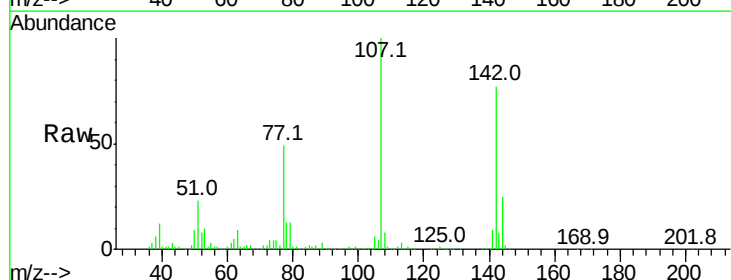
Tgt Ion:107 Resp: 370055

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

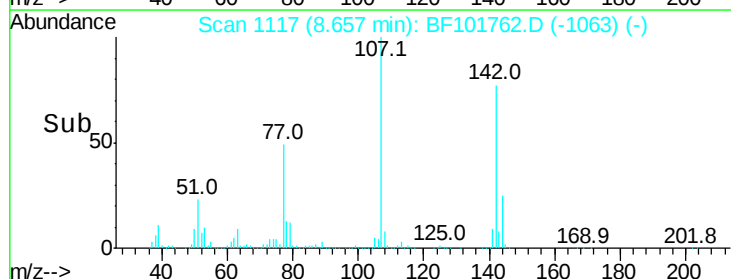
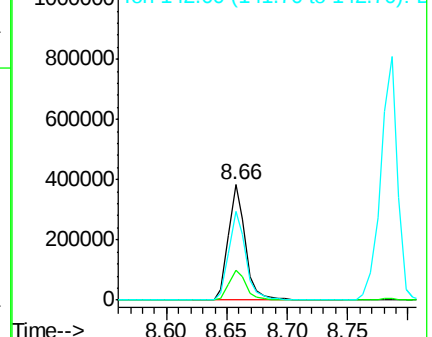
142 77.3 62.0 93.0

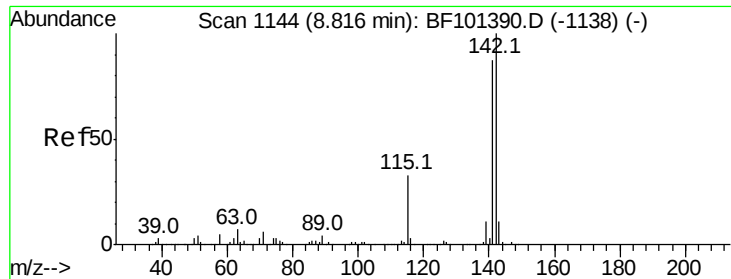


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

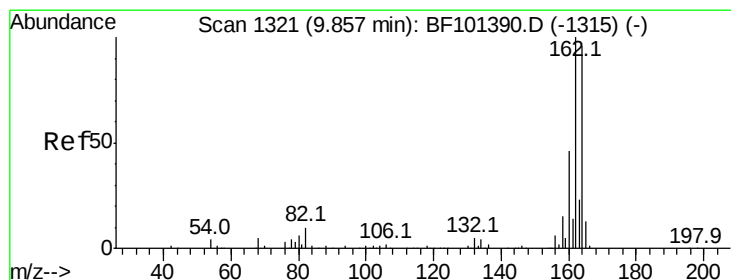
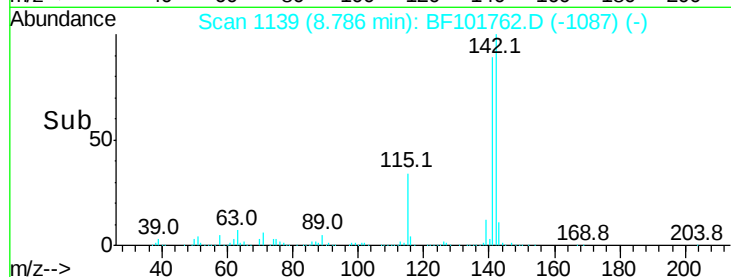
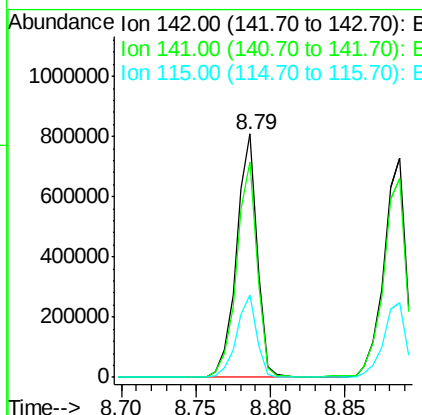
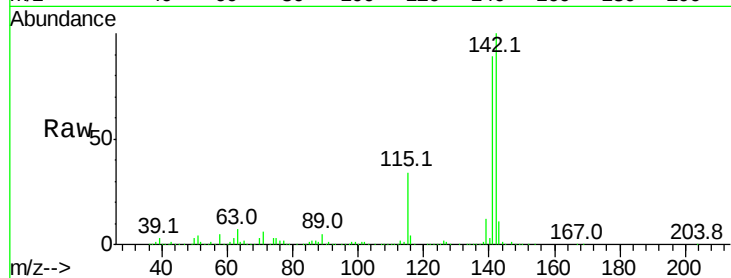




#37
 2-Methylnaphthalene
 Concen: 37.418 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

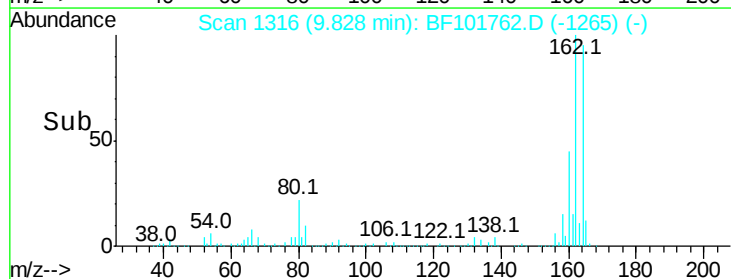
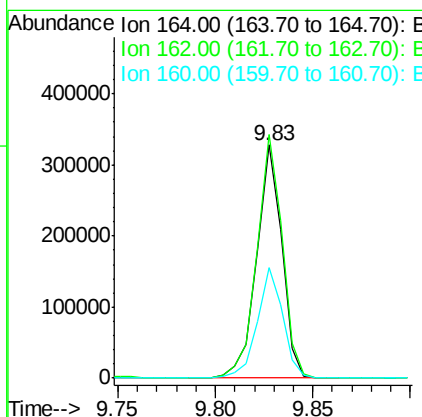
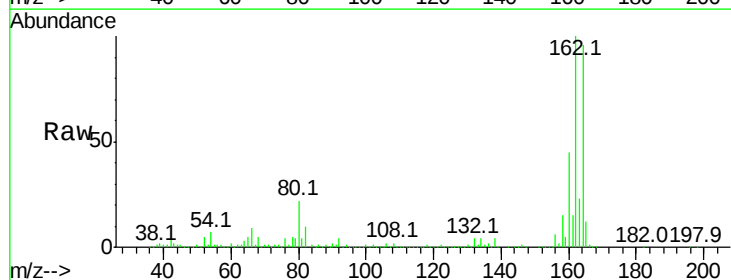
Instrument :
 BNA_F
 ClientSampleId :

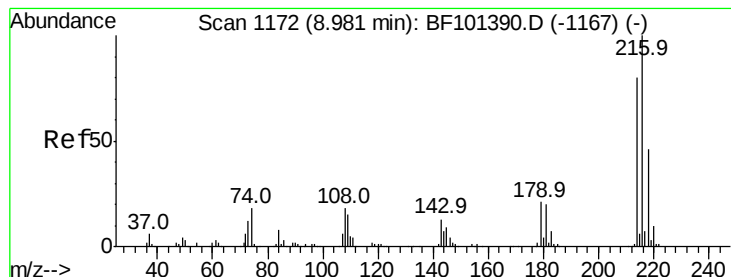
Tot Ion:142 Resp: 779220
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion:164 Resp: 294875
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 47.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.935 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 377673

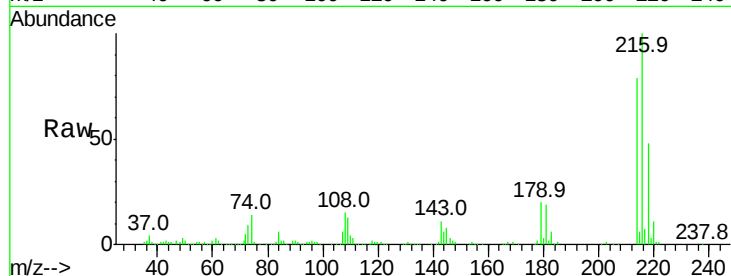
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.8 18.1 27.1

108 18.8 17.2 25.8

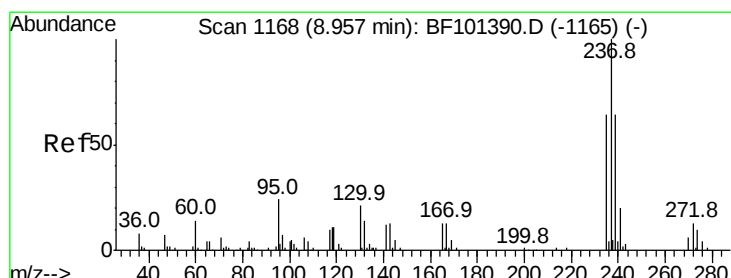
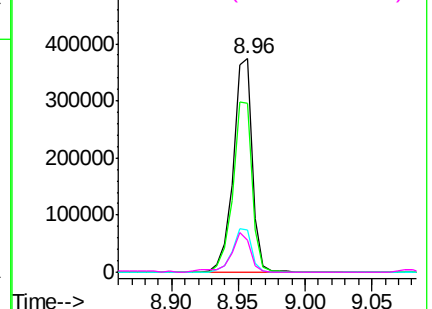
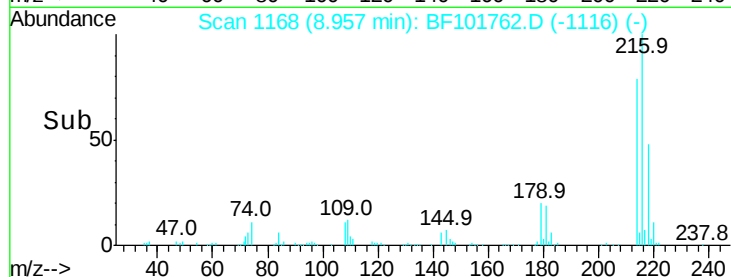


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.105 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

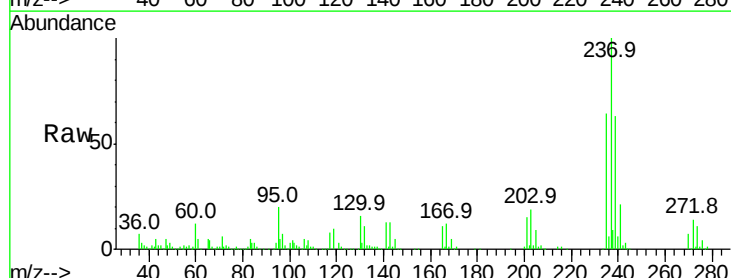
Tgt Ion:237 Resp: 114937

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

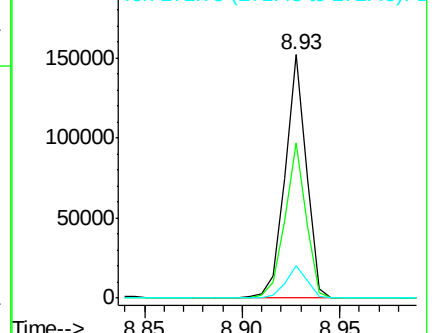
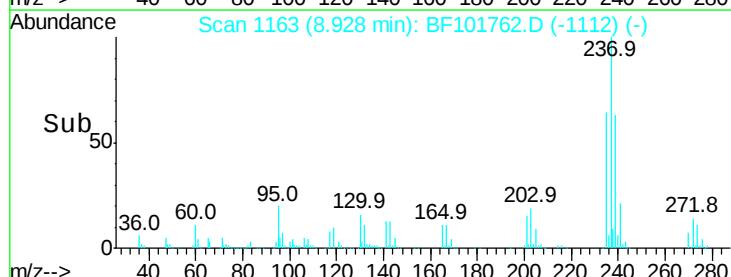
272 13.6 0.0 33.3

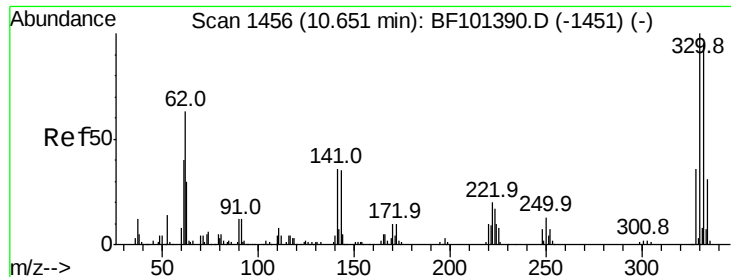


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

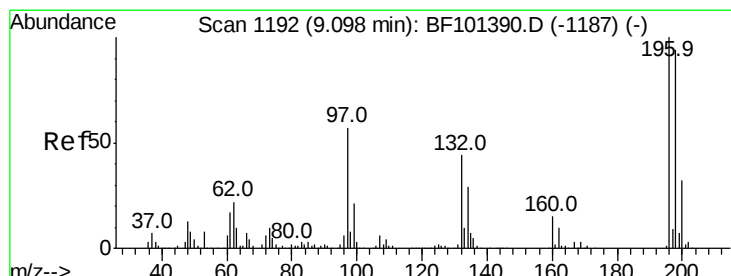
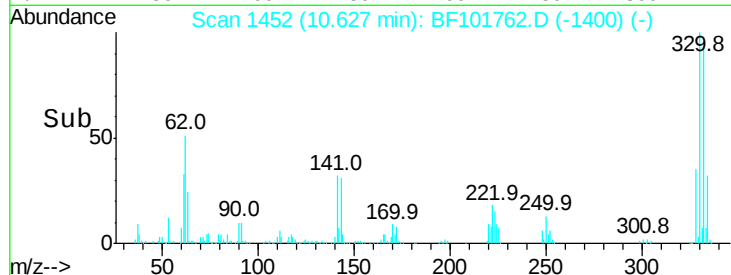
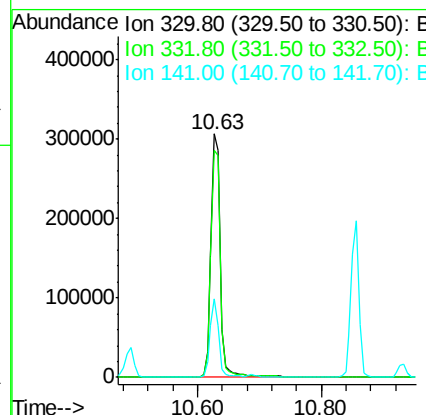
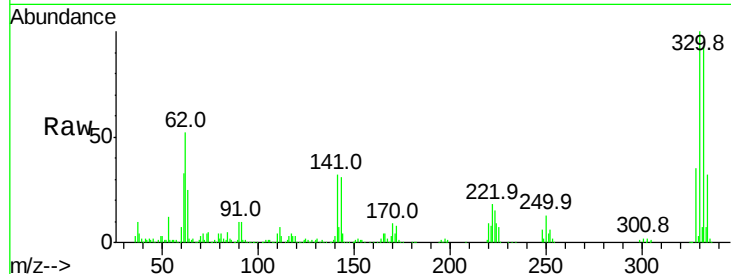




#41
 2,4,6-Tribromophenol
 Concen: 114.470 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

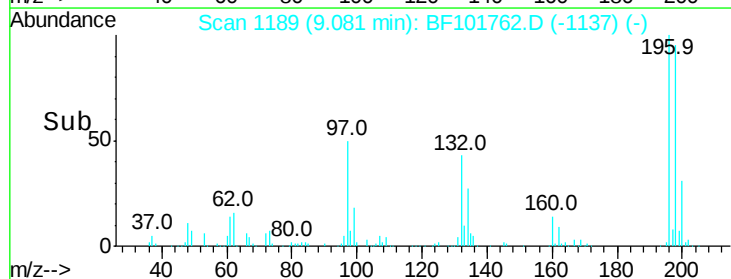
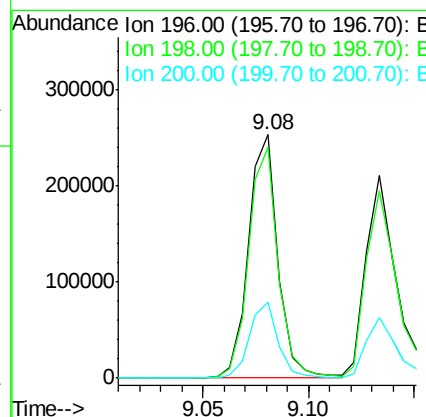
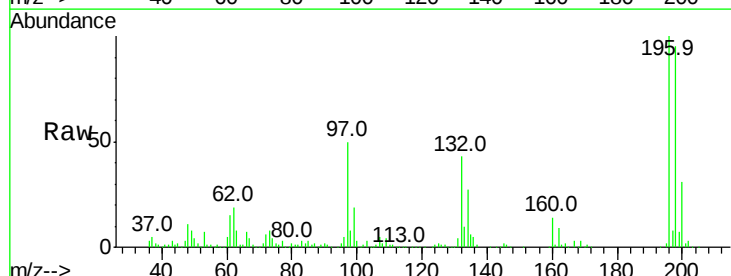
Instrument :
 BNA_F
 ClientSampleId :

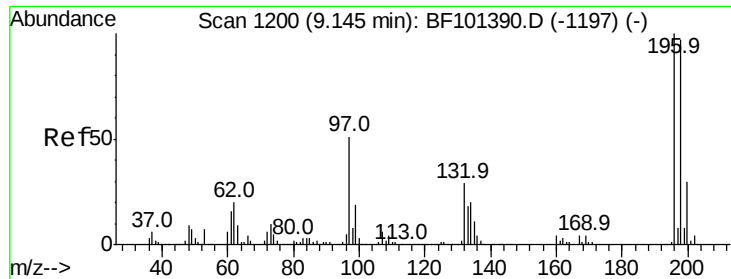
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	29.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.765 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	31.4	24.5	36.7

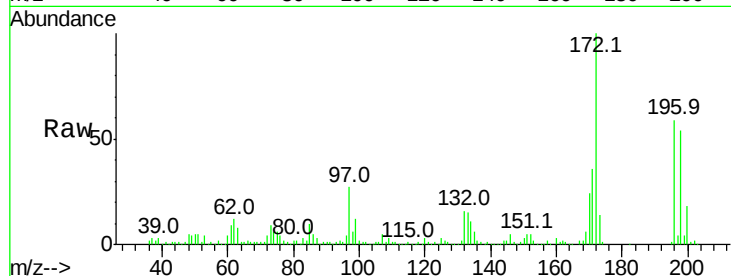




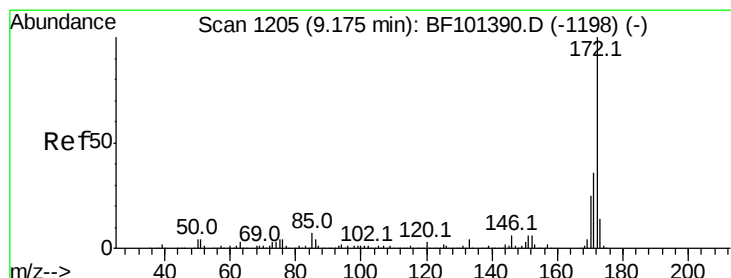
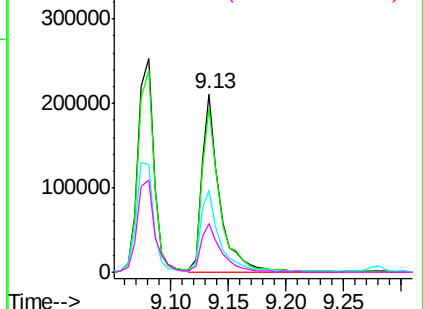
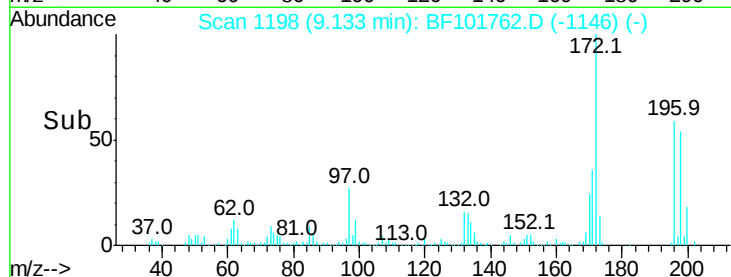
#43
 2,4,5-Trichlorophenol
 Concen: 34.259 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	224832
Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.6	112.0
97	46.0	42.9	64.3
132	27.5	26.3	39.5

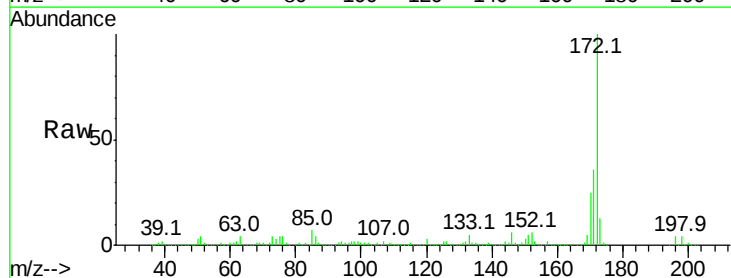


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

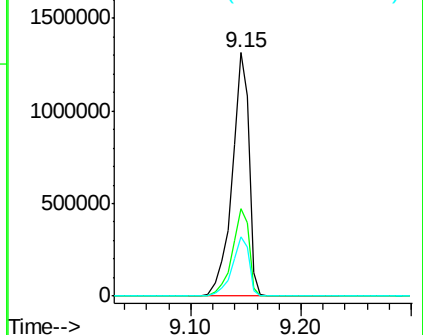
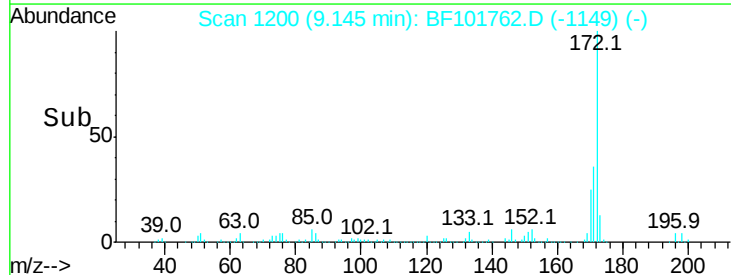


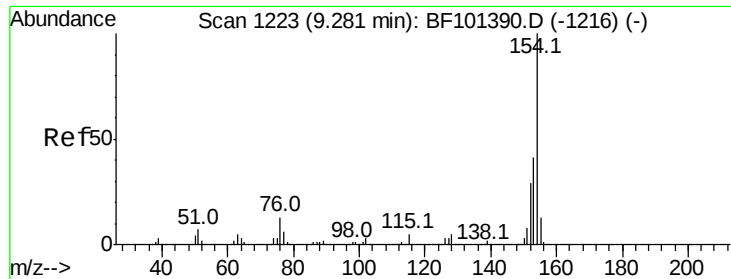
#44
 2-Fluorobiphenyl
 Concen: 74.002 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion:	172	Resp:	1406699
Ion	Ratio	Lower	Upper
172	100		
171	35.8	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: 36.699 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampled :

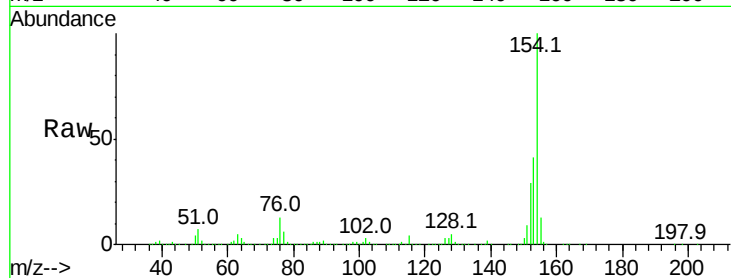
Tot Ion:154 Resp: 959726

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

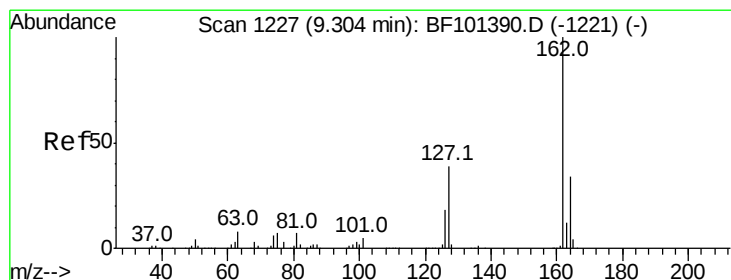
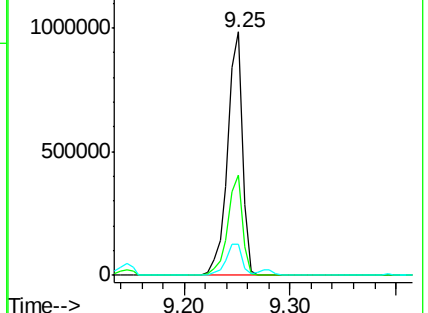
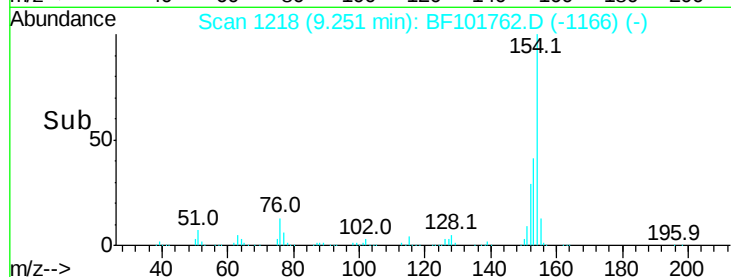
76 12.6 0.0 34.0



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: 36.247 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

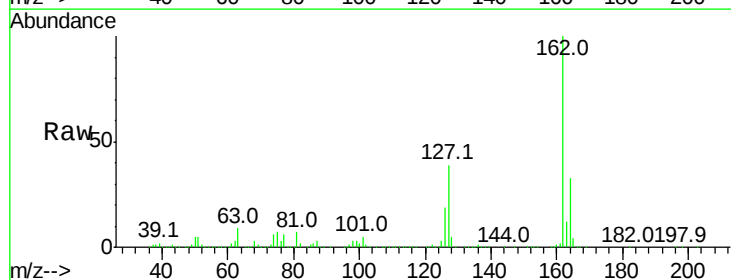
Tgt Ion:162 Resp: 725280

Ion Ratio Lower Upper

162 100

127 39.0 33.9 50.9

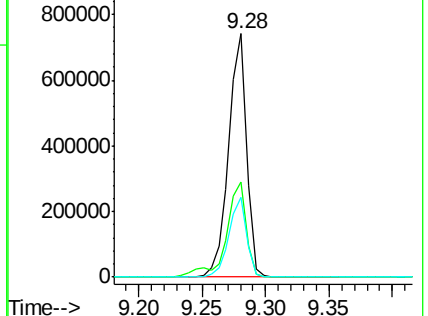
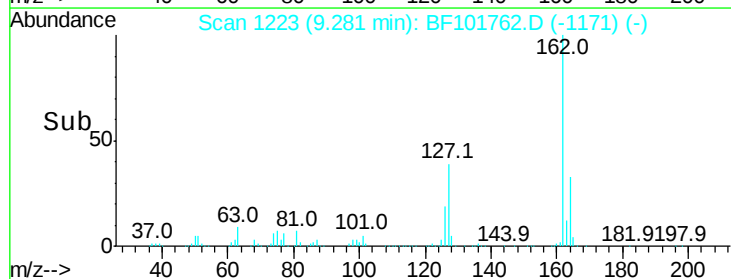
164 32.8 26.5 39.7

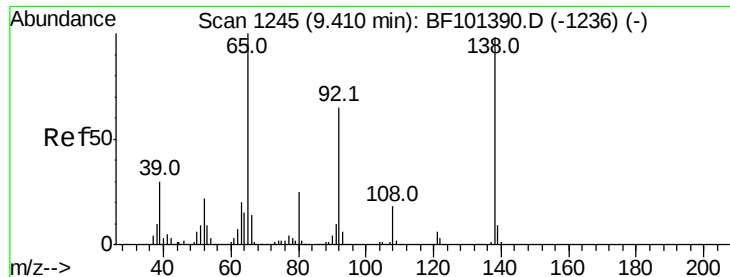


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.762 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

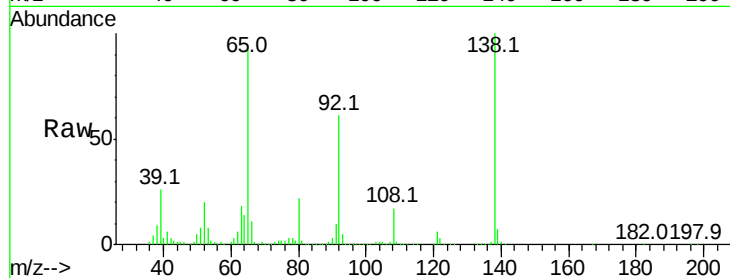
Tot Ion: 65 Resp: 247201

Ion Ratio Lower Upper

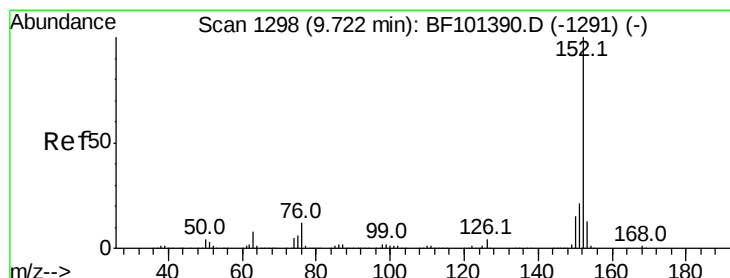
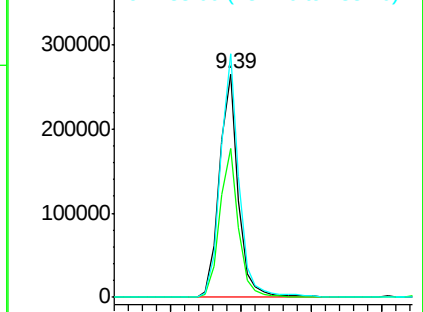
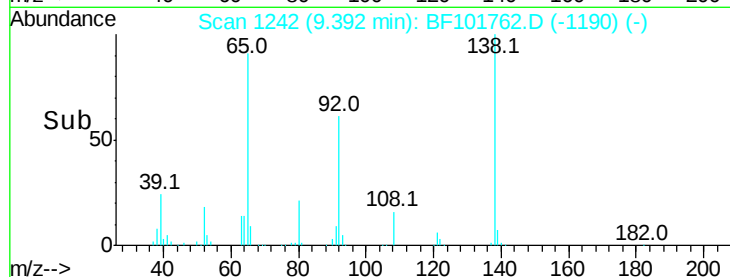
65 100

92 66.7 55.8 83.6

138 109.1 91.2 136.8



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



#48

Acenaphthylene

Concen: 33.483 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

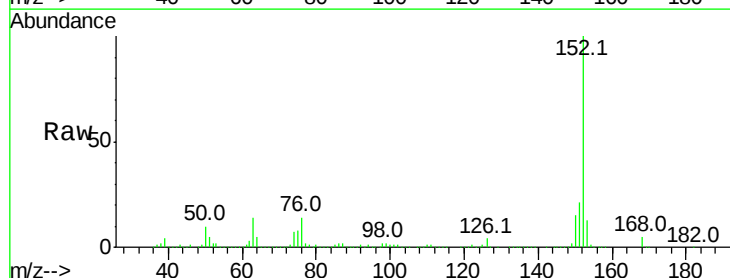
Tgt Ion: 152 Resp: 1058204

Ion Ratio Lower Upper

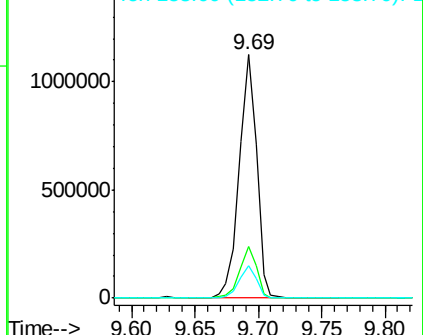
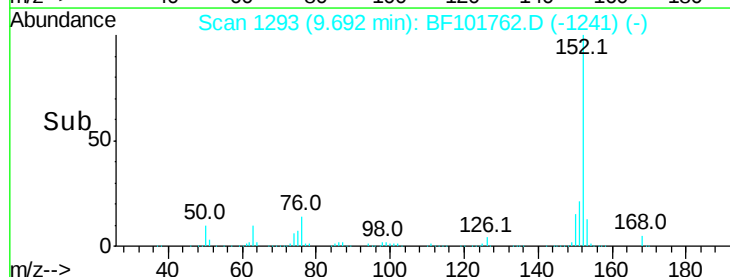
152 100

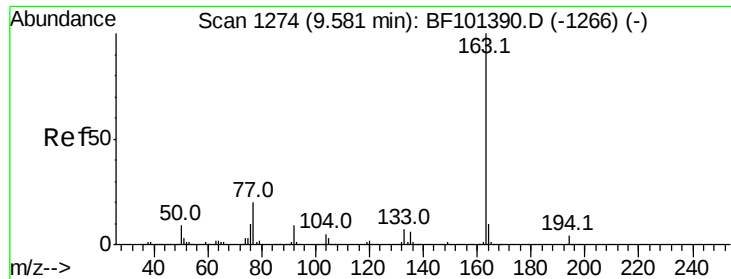
151 21.0 16.3 24.5

153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

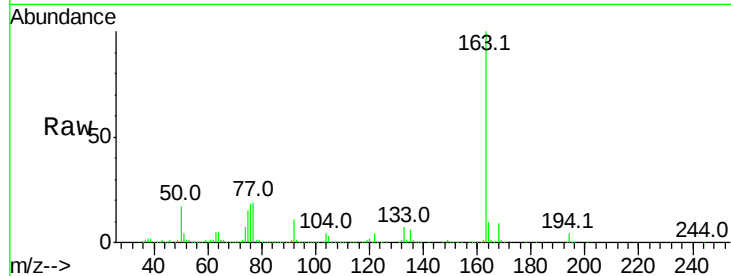




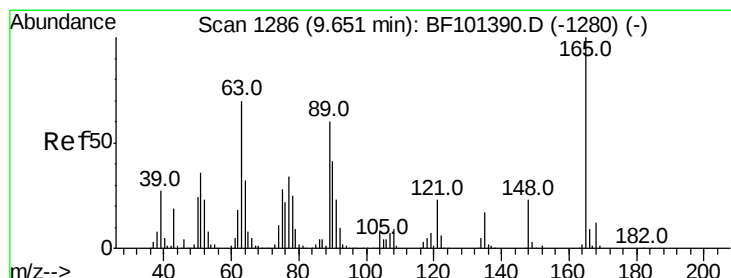
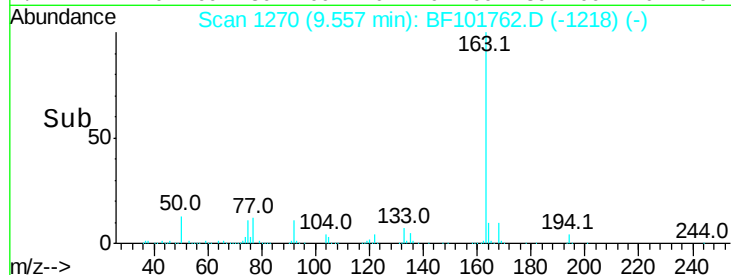
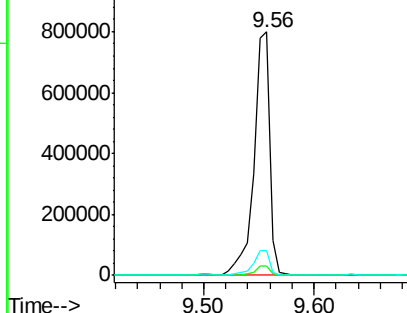
#49
Dimethylphthalate
Concen: 33.930 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 804769
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2

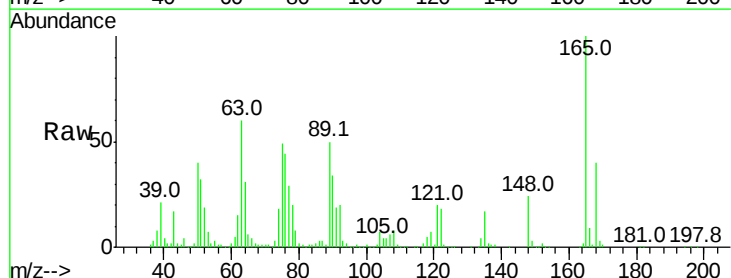


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

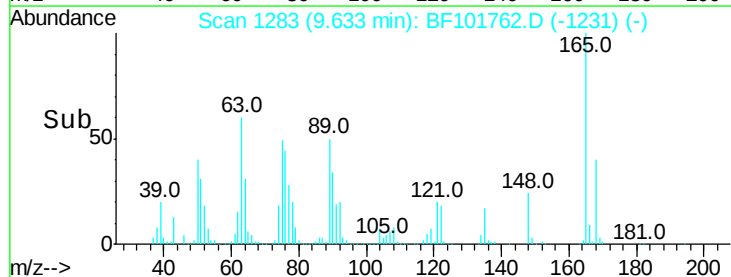
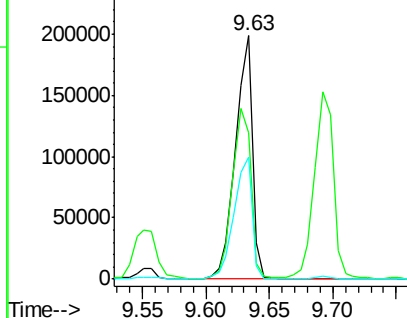


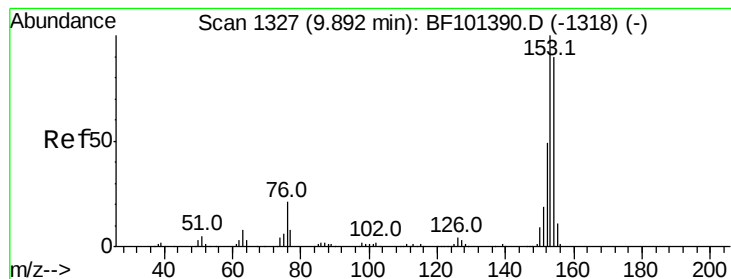
#50
2,6-Dinitrotoluene
Concen: 38.094 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:165 Resp: 183637
Ion Ratio Lower Upper
165 100
63 59.9 44.7 67.1
89 50.2 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: 34.425 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

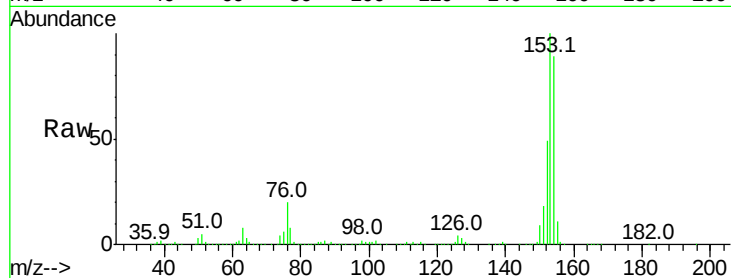
Tot Ion:154 Resp: 653669

Ion Ratio Lower Upper

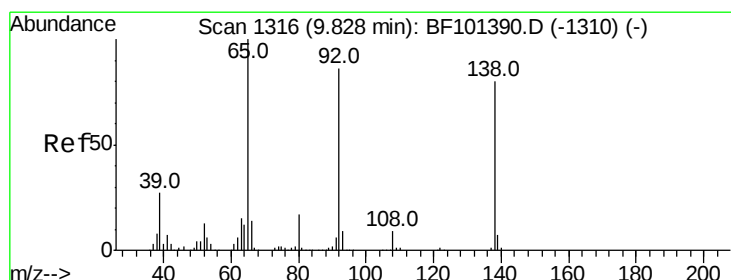
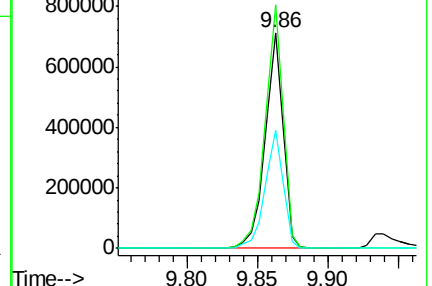
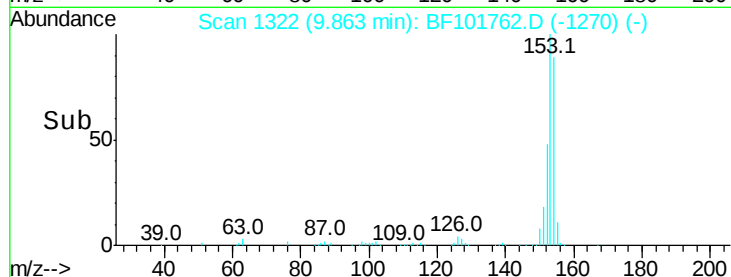
154 100

153 112.7 91.2 136.8

152 54.8 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: 14.662 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

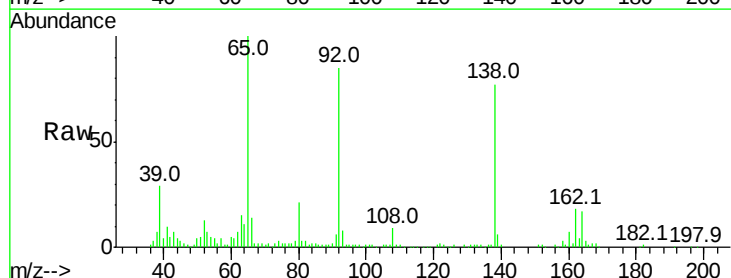
Tgt Ion:138 Resp: 88119

Ion Ratio Lower Upper

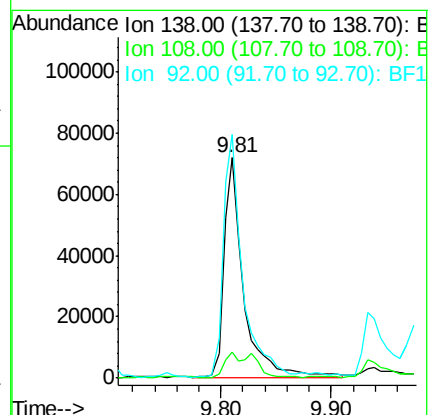
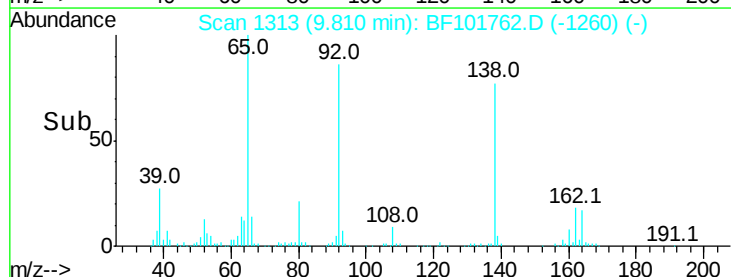
138 100

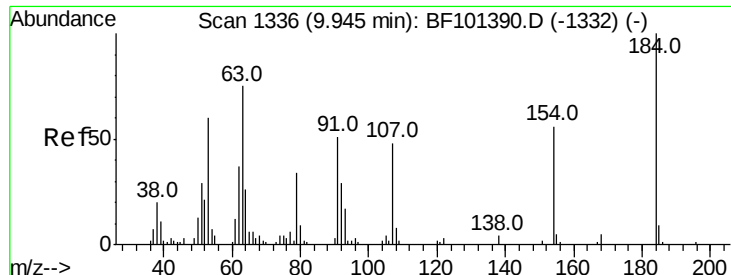
108 11.9 9.4 14.0

92 110.7 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

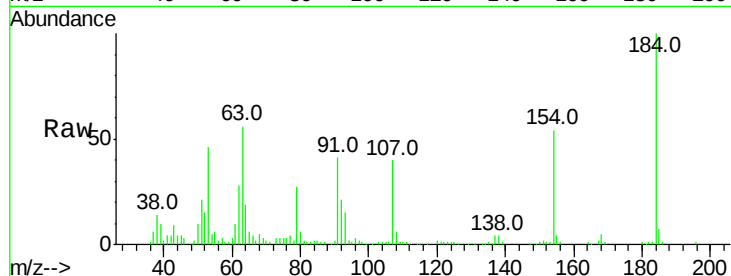




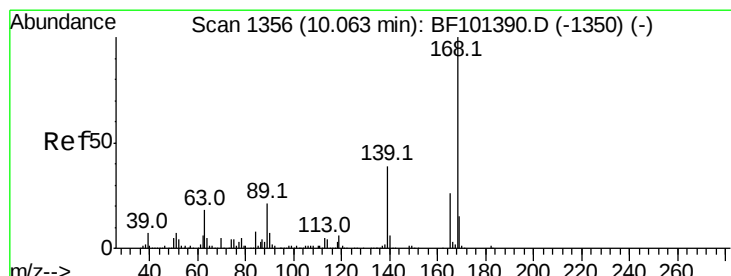
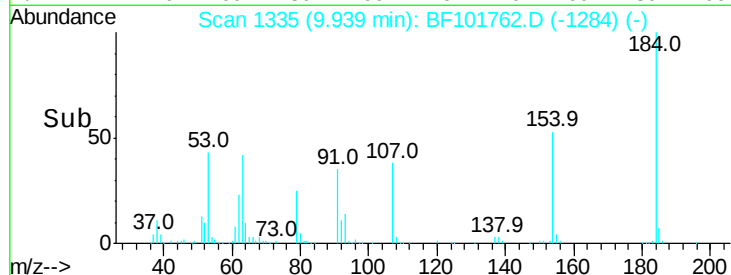
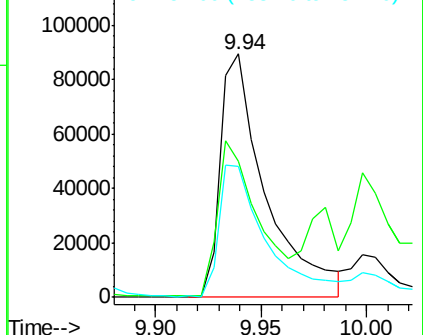
#53
2,4-Dinitrophenol
Concen: 79.336 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 133040
Ion Ratio Lower Upper
184 100
63 56.2 54.2 81.2
154 53.5 184.0 276.0#

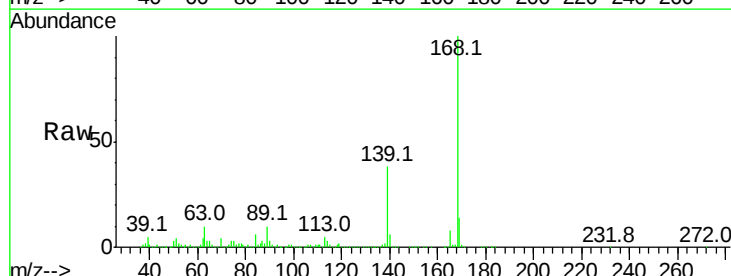


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

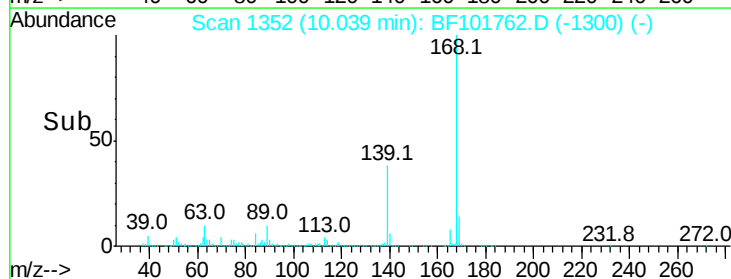
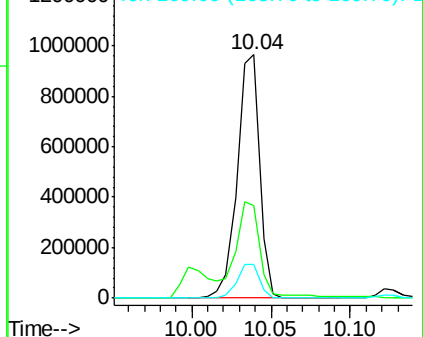


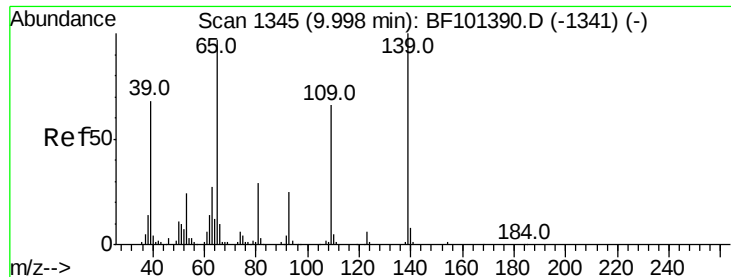
#54
Dibenzofuran
Concen: 39.007 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:168 Resp: 941266
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.9 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

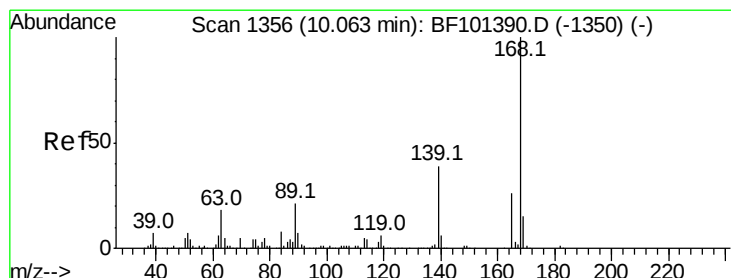
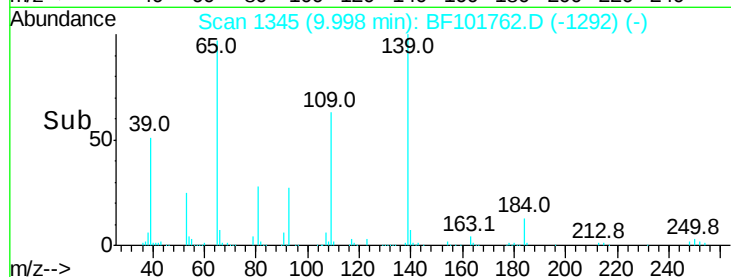
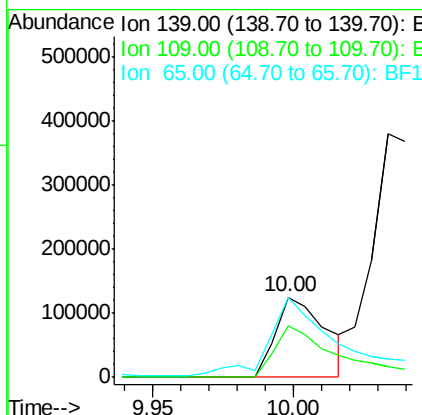
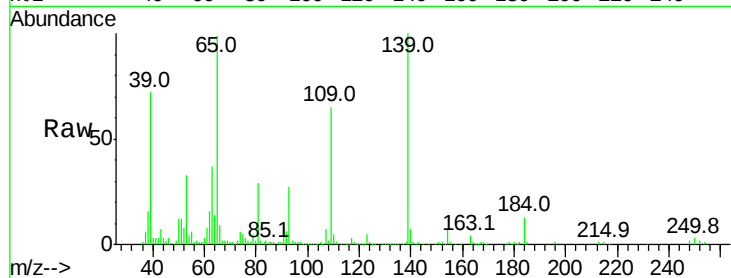




#55
4-Nitrophenol
Concen: 58.729 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

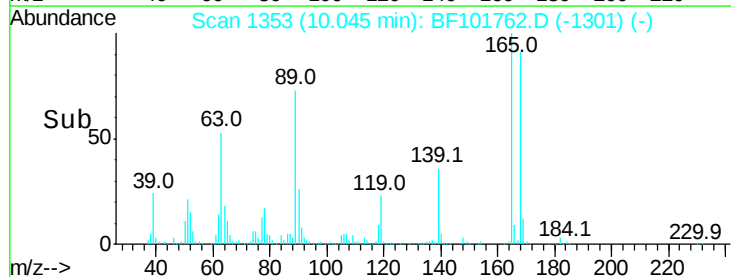
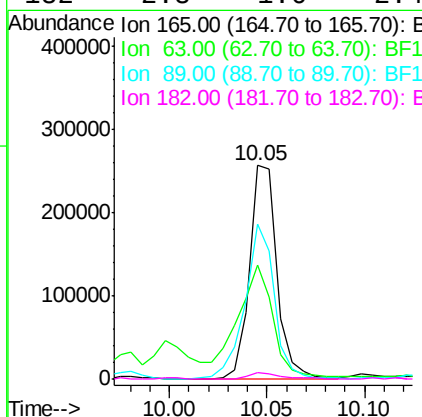
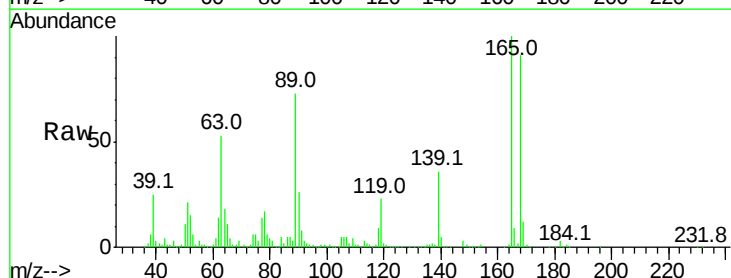
Instrument :
BNA_F
ClientSampleId :

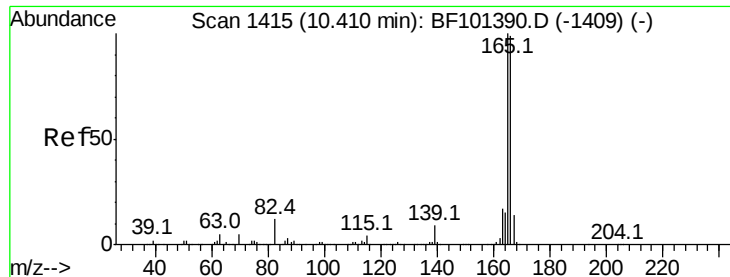
Tot Ion:139 Resp: 153911
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 98.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.992 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:165 Resp: 249795
Ion Ratio Lower Upper
165 100
63 53.4 36.4 54.6
89 72.8 57.8 86.6
182 2.8 1.6 2.4#

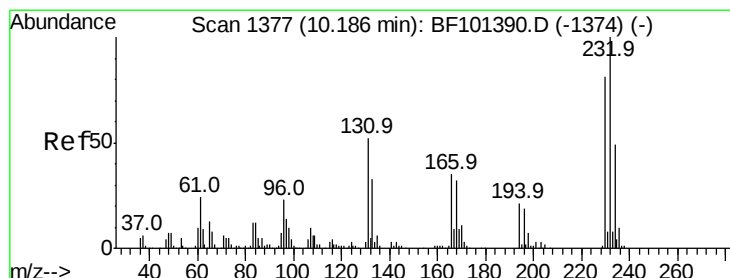
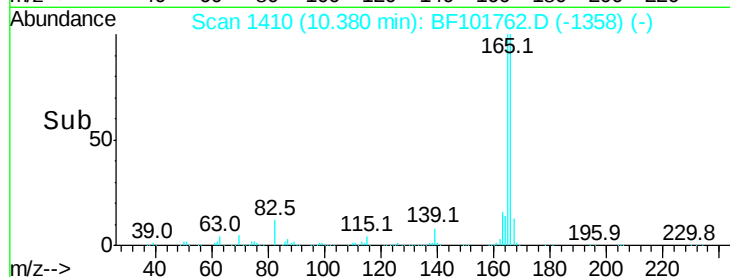
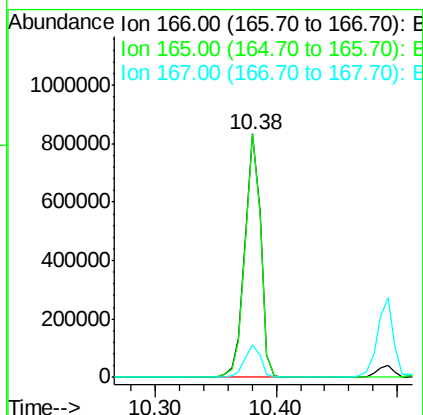
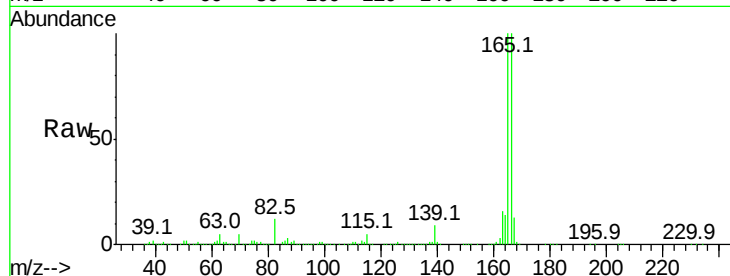




#57
 Fluorene
 Concen: 37.508 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

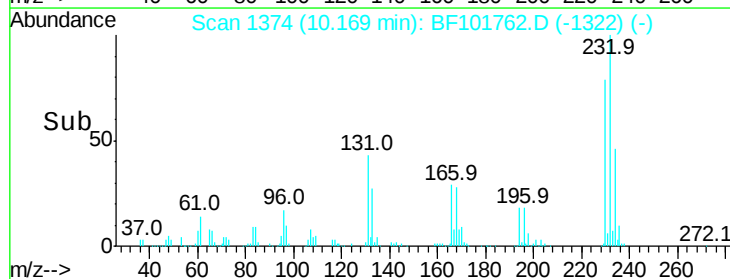
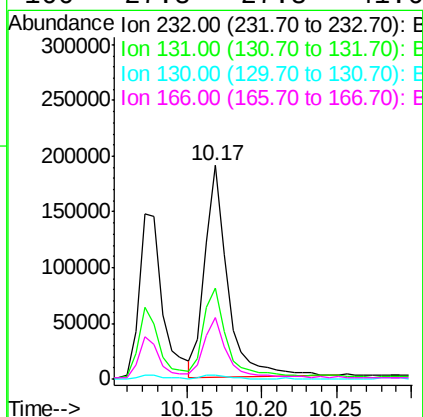
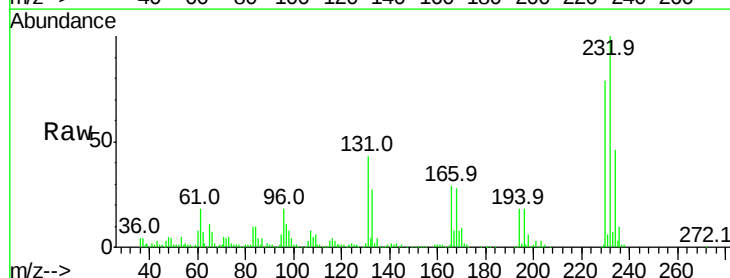
Instrument :
 BNA_F
 ClientSampleId :

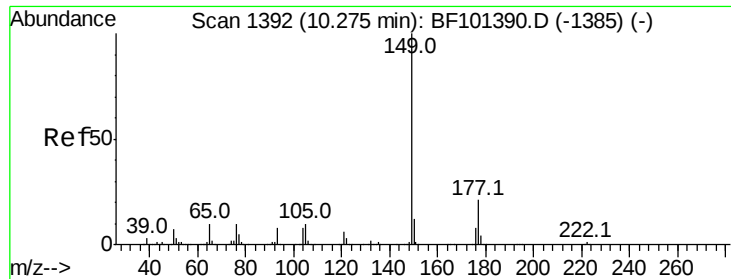
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.515 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.1	43.8	65.8#
130	1.9	2.1	3.1#
166	27.8	27.8	41.6





#59

Diethylphthalate

Concen: 35.284 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

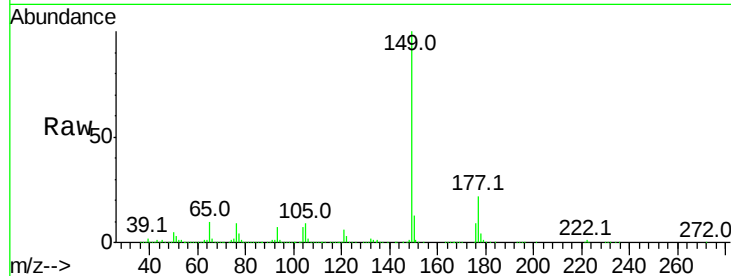
Tot Ion:149 Resp: 828754

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

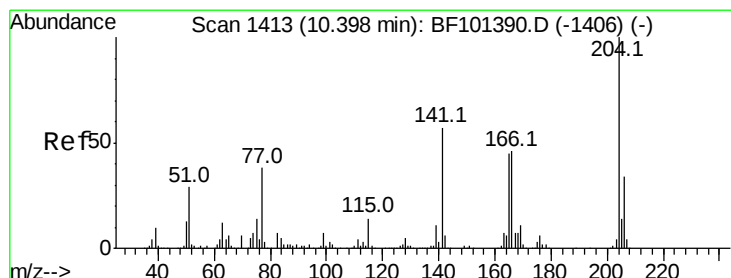
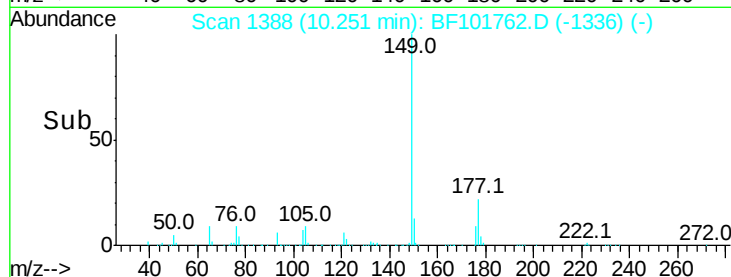
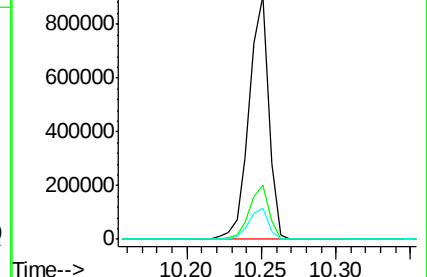
150 12.6 10.1 15.1



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: 37.774 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

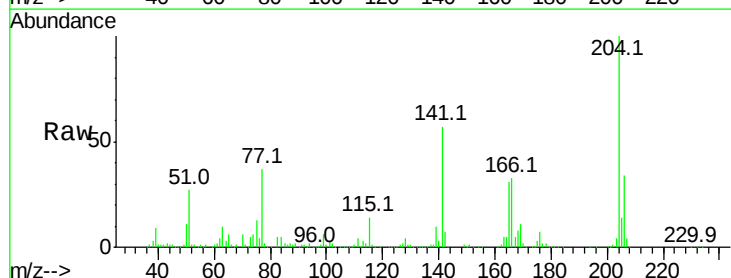
Tgt Ion:204 Resp: 369552

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

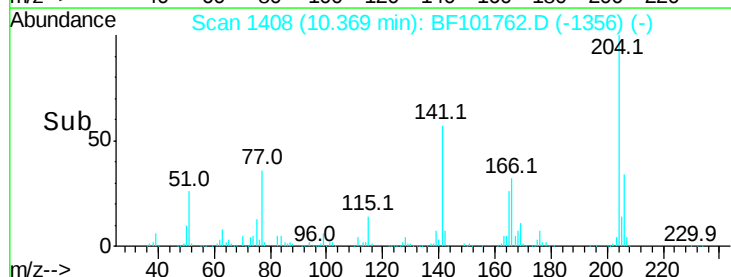
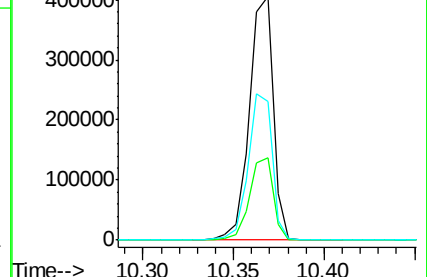
141 56.7 54.6 81.8

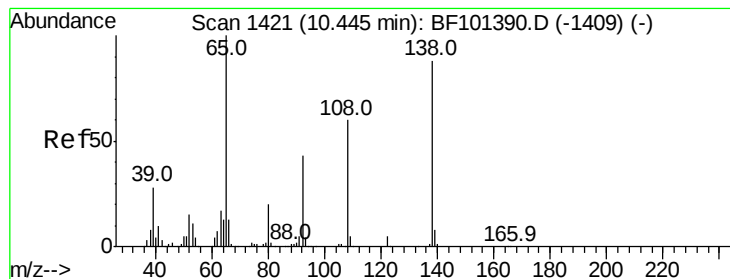


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 23.901 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

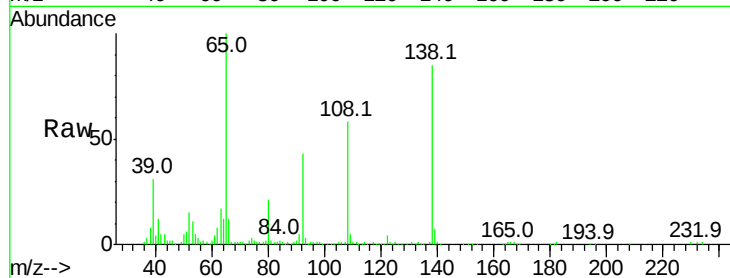
Tot Ion:138 Resp: 144389

Ion Ratio Lower Upper

138 100

92 50.0 30.2 70.2

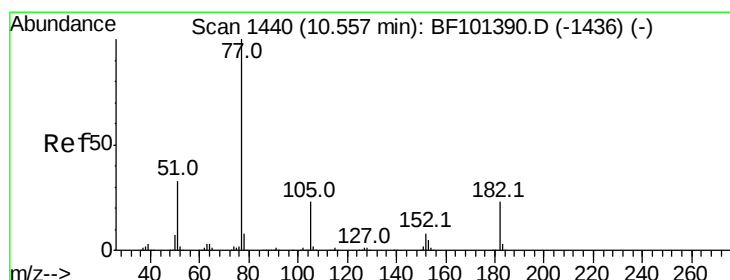
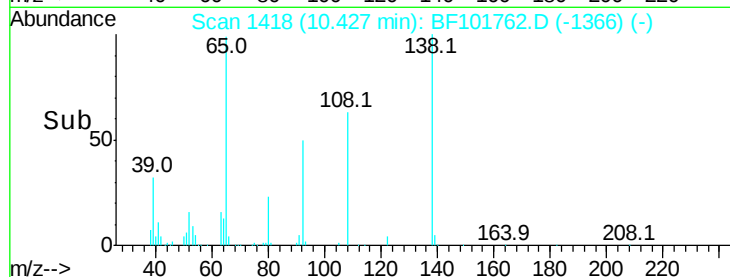
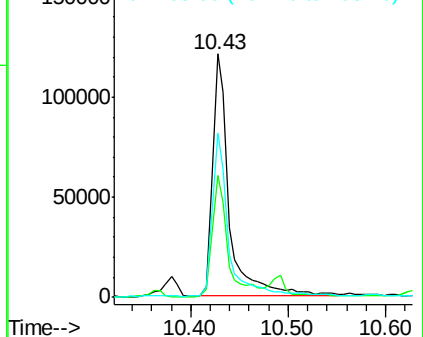
108 67.4 52.5 92.5



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: 33.727 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Tgt Ion: 77 Resp: 820634

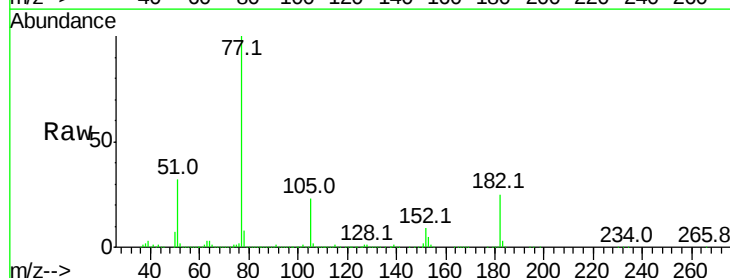
Ion Ratio Lower Upper

77 100

182 24.8 1.7 41.7

105 23.1 3.0 43.0

51 31.9 9.9 49.9

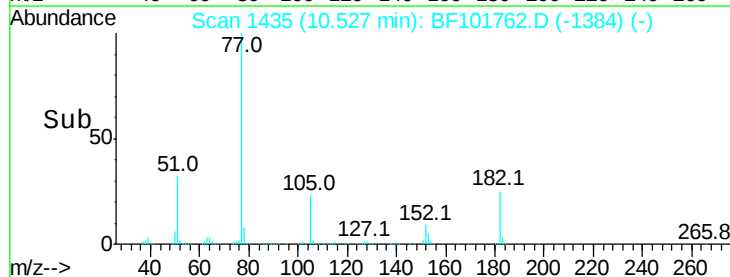
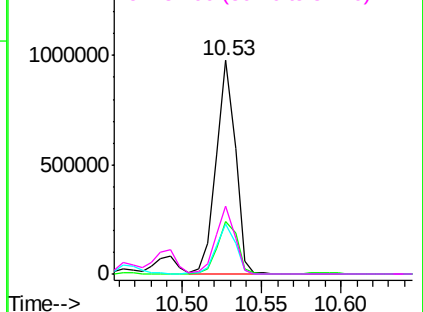


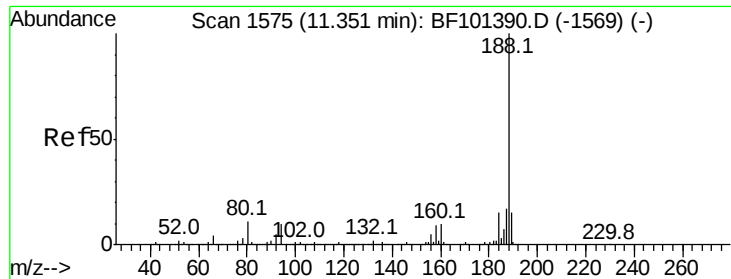
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

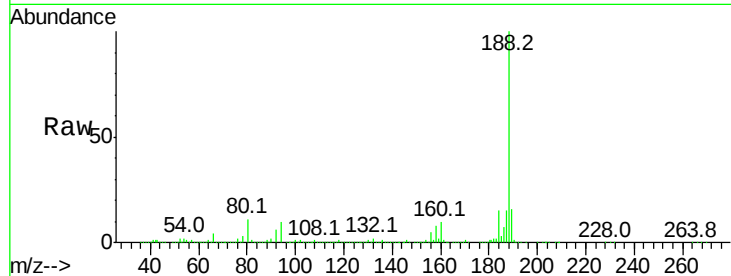




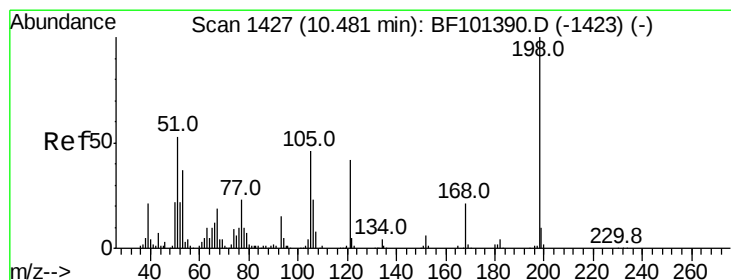
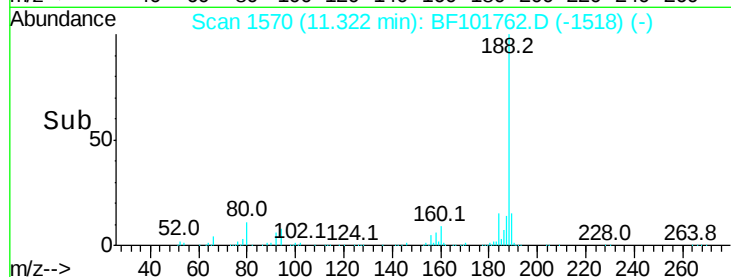
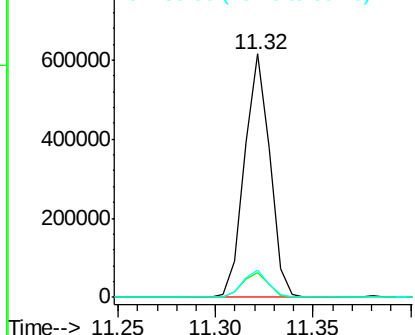
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 554190
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.1 9.2 13.8

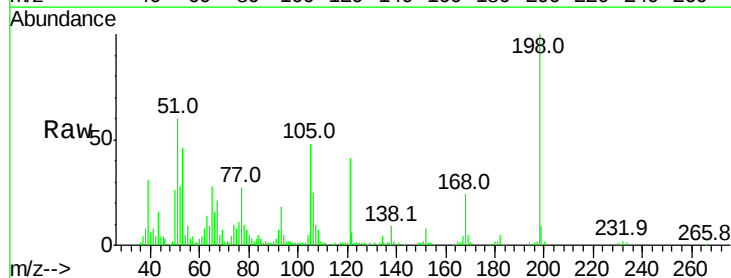


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

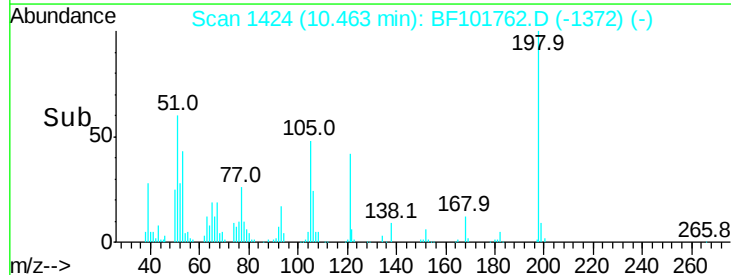
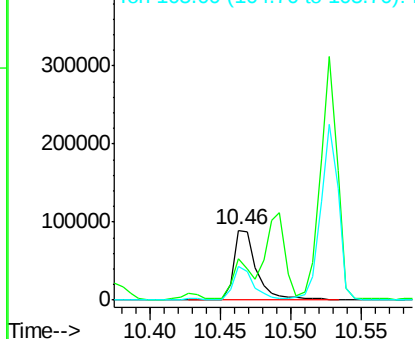


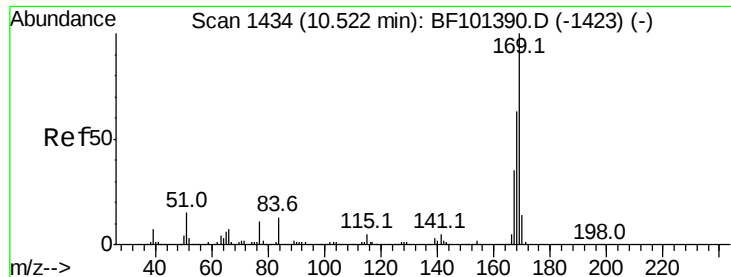
#64
4,6-Dinitro-2-methylphenol
Concen: 35.844 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:198 Resp: 101369
Ion Ratio Lower Upper
198 100
51 60.0 37.7 77.7
105 47.6 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

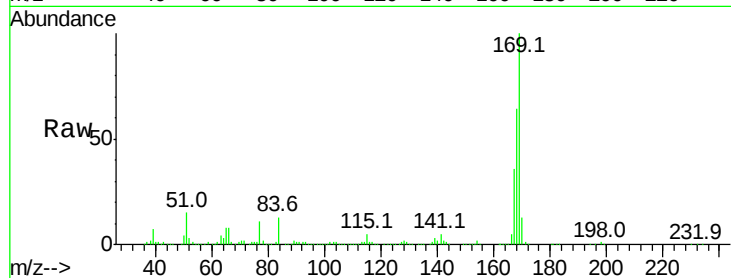




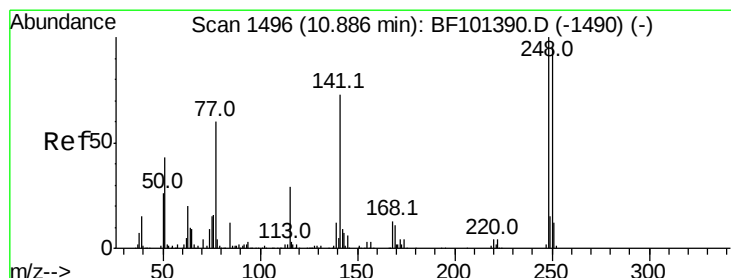
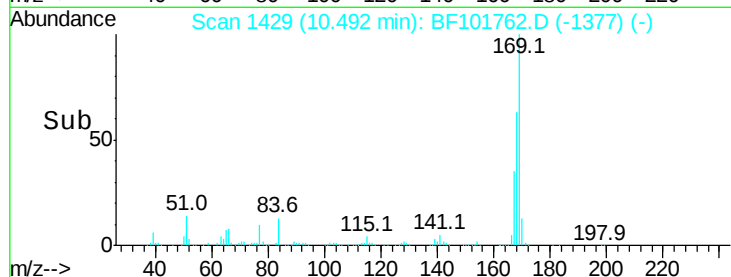
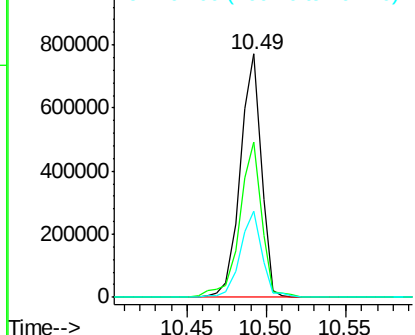
#65
n-Nitrosodiphenylamine
Concen: 34.631 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 708658
Ion Ratio Lower Upper
169 100
168 63.8 54.4 81.6
167 35.6 29.8 44.6

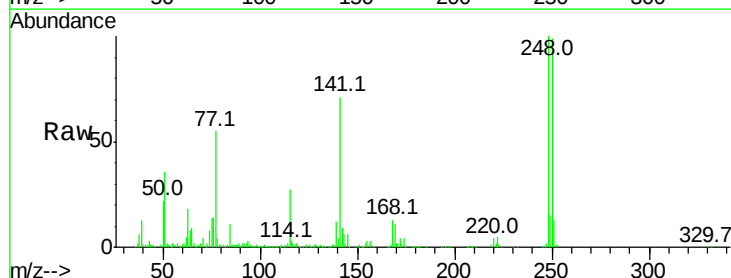


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

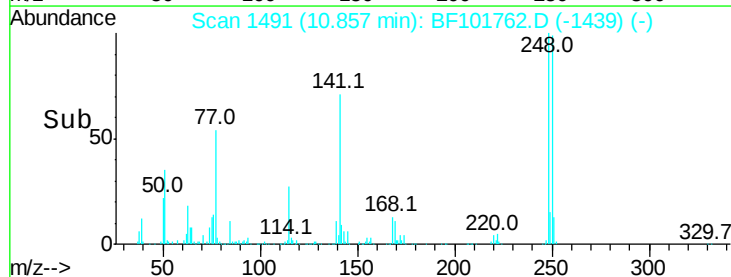
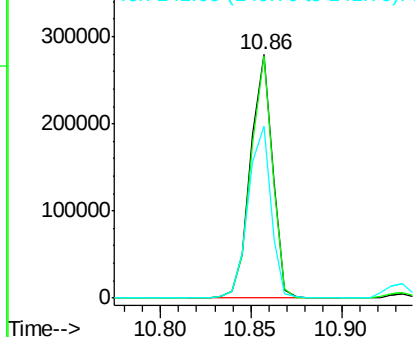


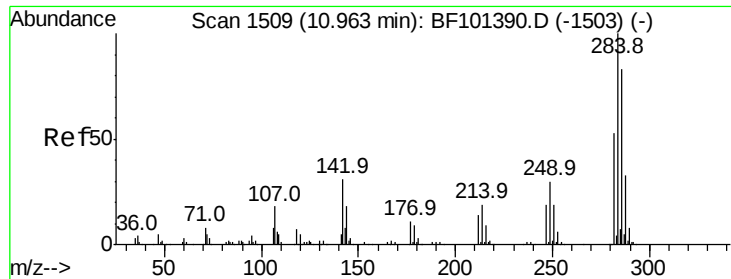
#66
4-Bromophenyl-phenylether
Concen: 37.860 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:248 Resp: 235758
Ion Ratio Lower Upper
248 100
250 99.4 76.9 115.3
141 70.9 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

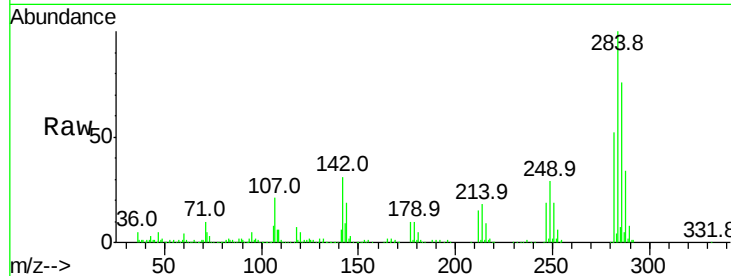




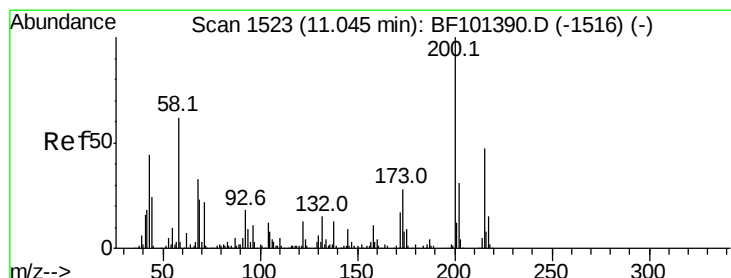
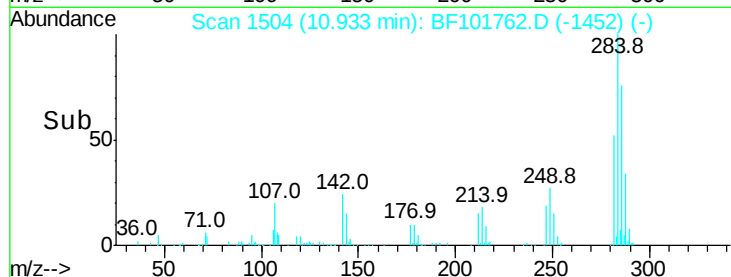
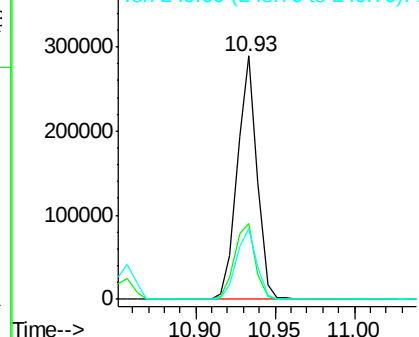
#67
Hexachlorobenzene
Concen: 37.709 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.0	34.6	52.0#
249	29.3	24.8	37.2

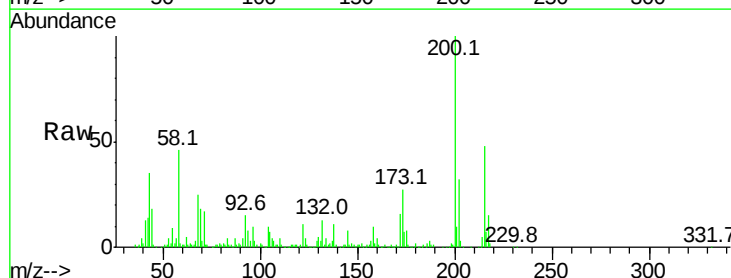


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

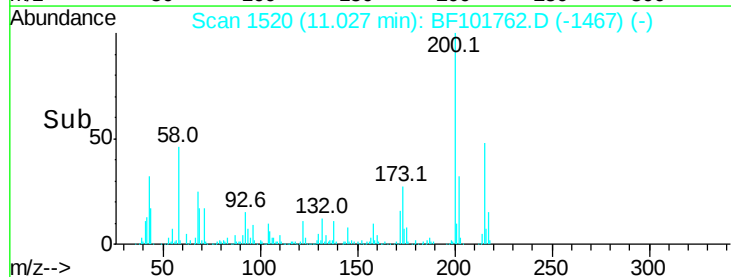
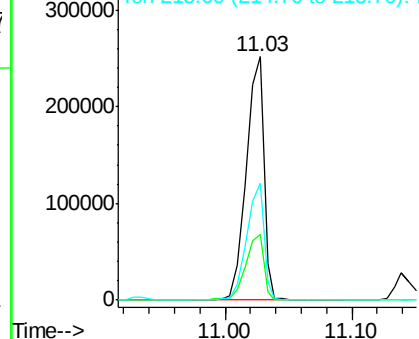


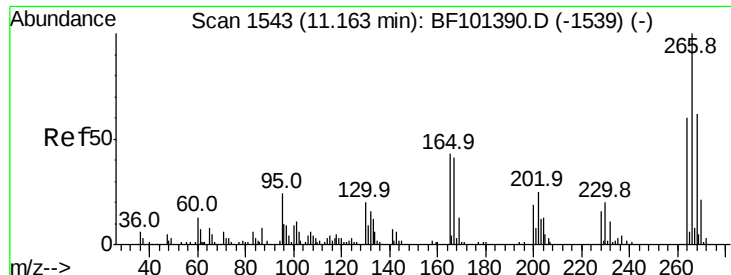
#68
Atrazine
Concen: 39.301 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	47.9	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

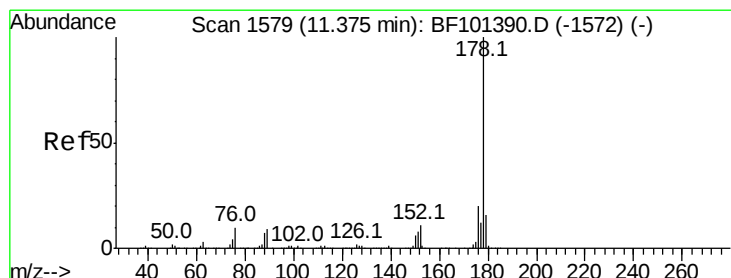
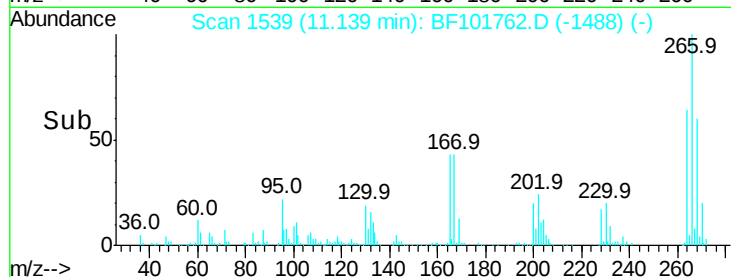
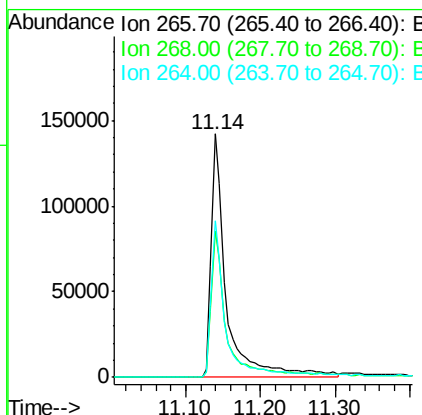
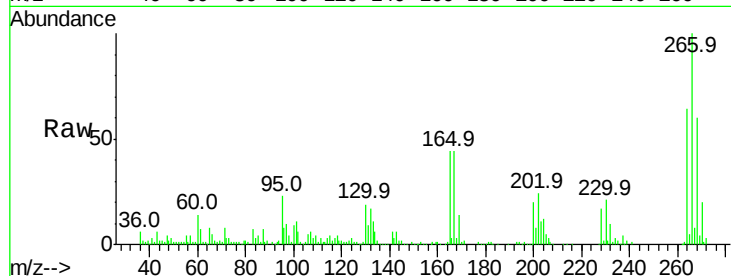




#69
 Pentachlorophenol
 Concen: 78.983 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

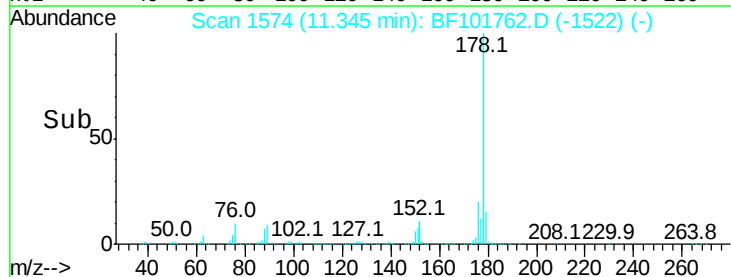
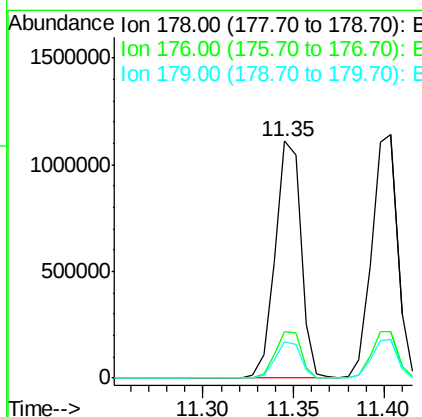
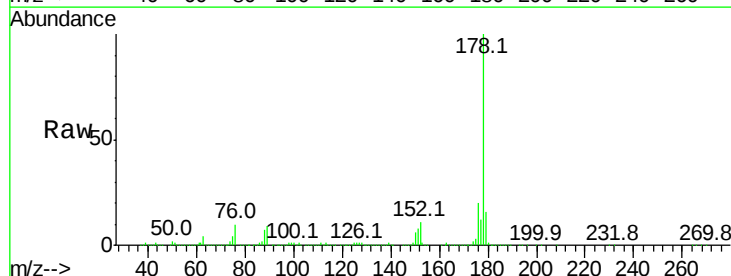
Instrument :
 BNA_F
 ClientSampleId :

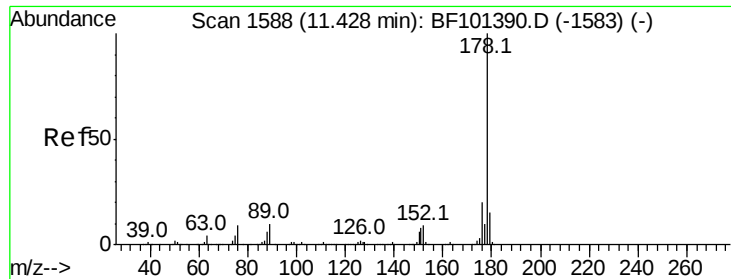
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.1	76.7
264	64.2	49.5	74.3



#70
 Phenanthrene
 Concen: 35.610 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6

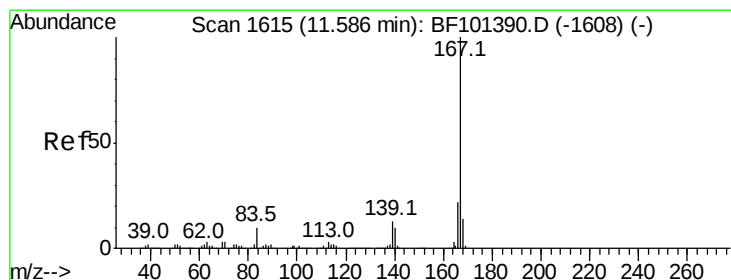
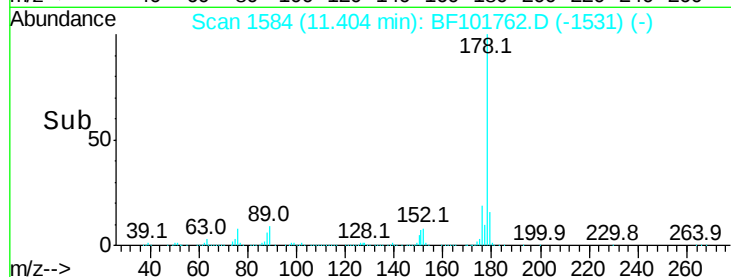
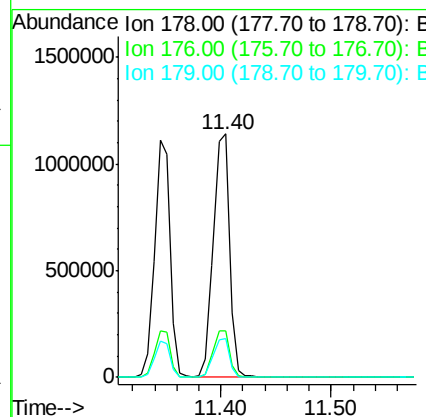
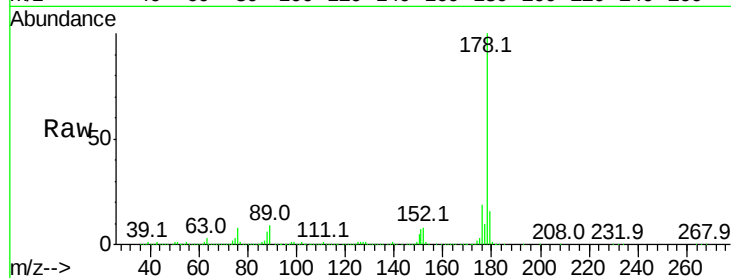




#71
 Anthracene
 Concen: 36.252 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

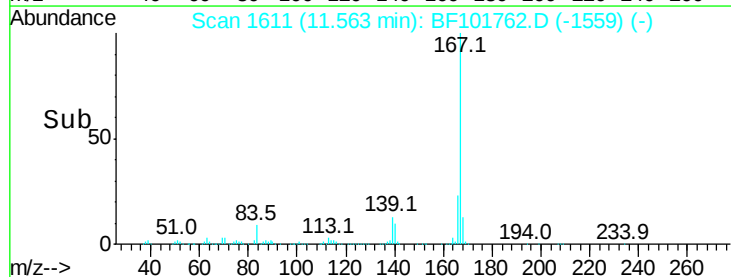
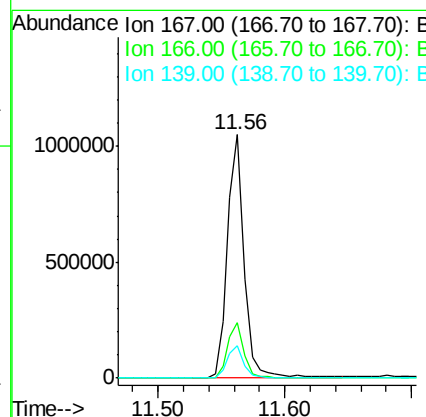
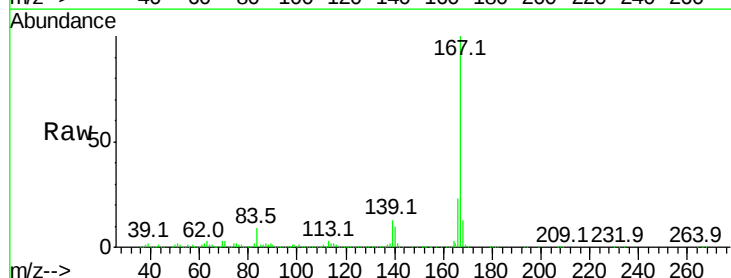
Instrument :
 BNA_F
 ClientSampleId :

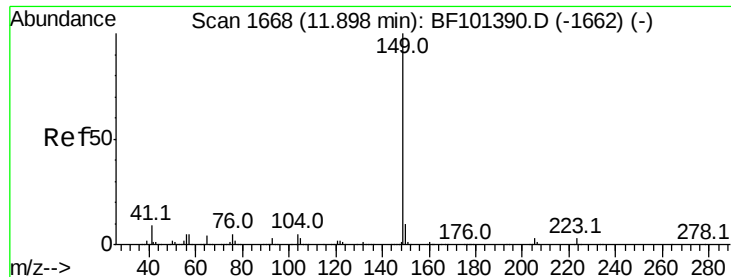
Tot Ion:178 Resp: 1141254
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 32.724 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion:167 Resp: 964509
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.2 10.9 16.3

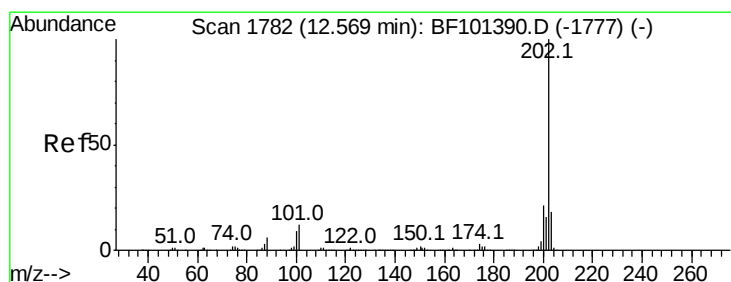
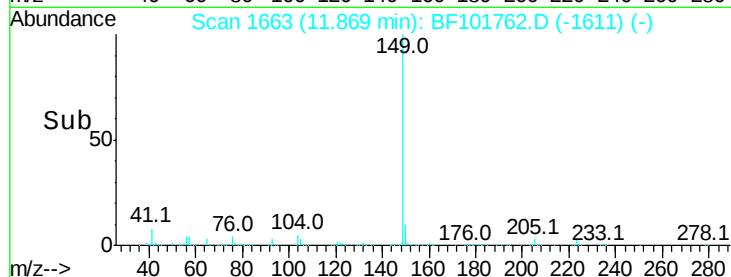
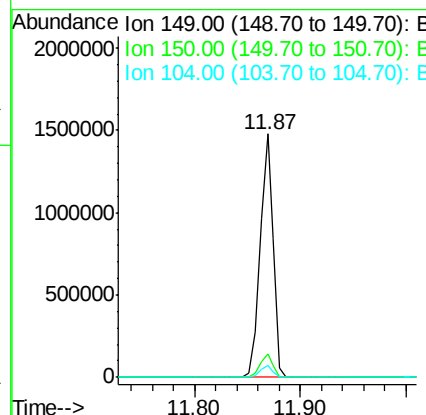
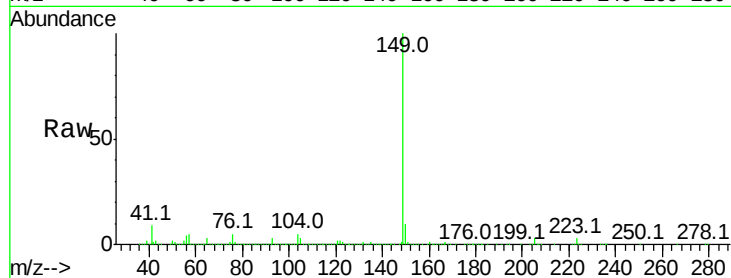




#73
Di-n-butylphthalate
Concen: 36.284 ng
RT: 11.87 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

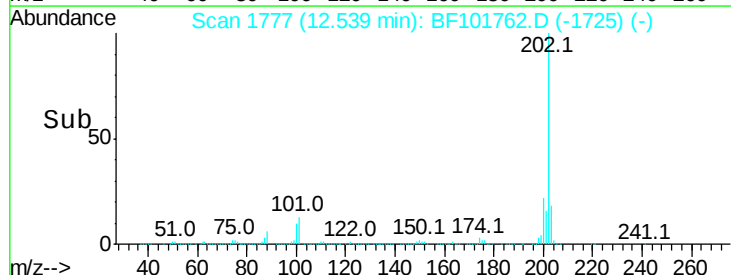
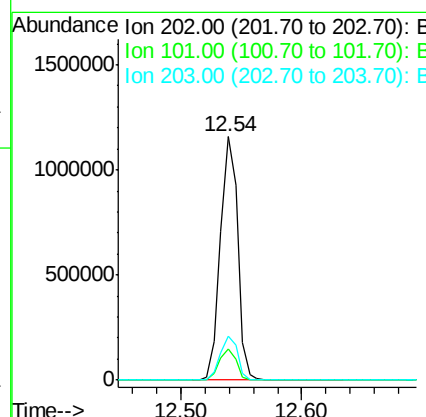
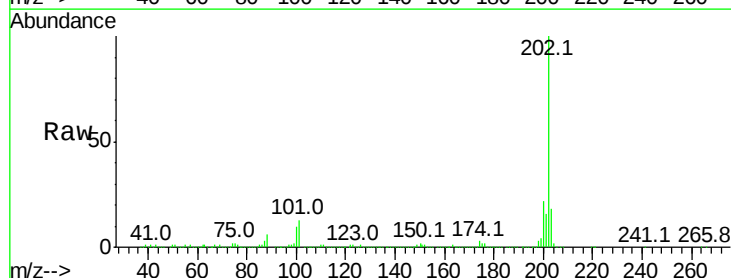
Instrument :
BNA_F
ClientSampleId :

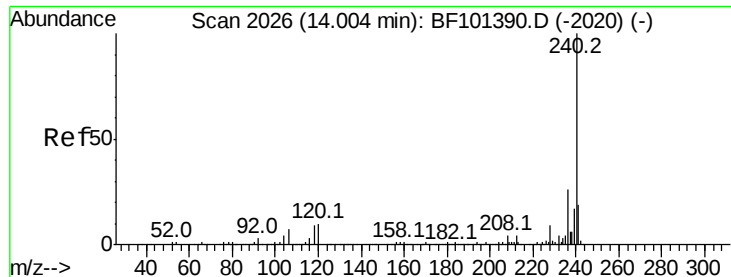
Tot Ion:149 Resp: 1298037
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 35.250 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:202 Resp: 1140311
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

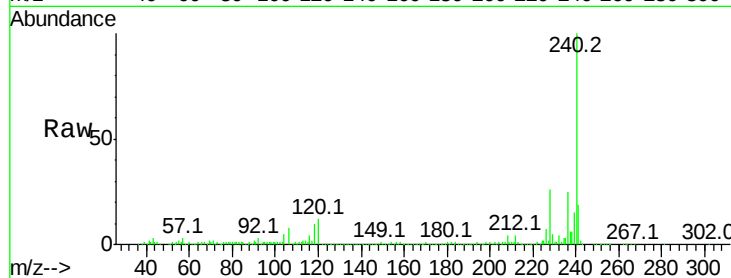
Tot Ion:240 Resp: 381308

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

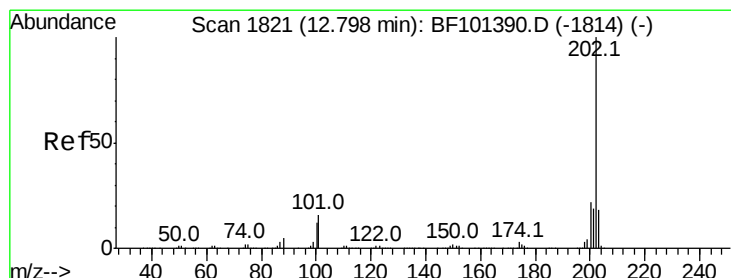
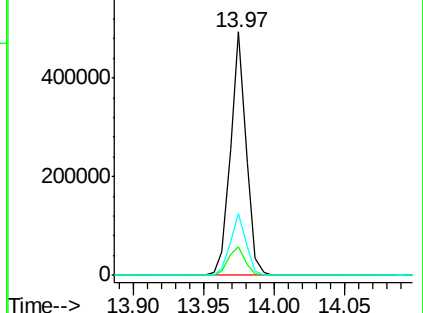
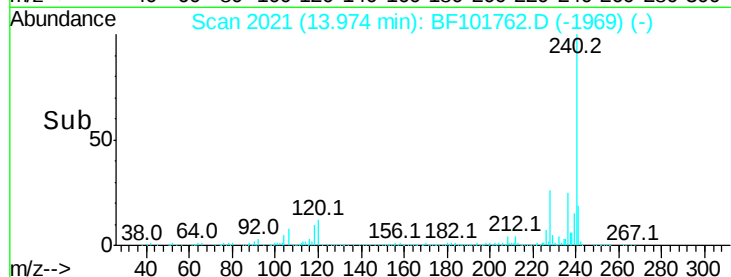
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 40.500 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

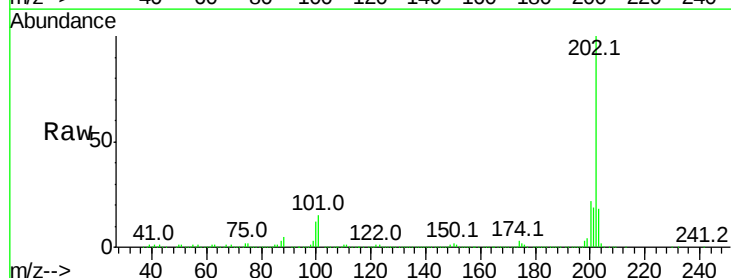
Tgt Ion:202 Resp: 1158998

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

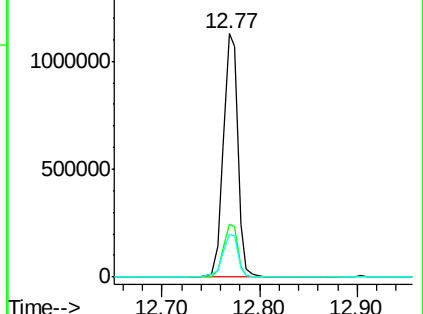
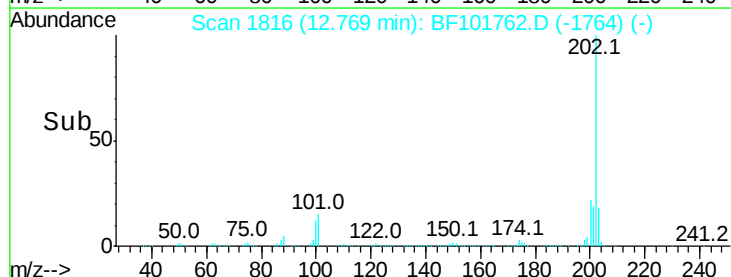
203 17.7 14.3 21.5

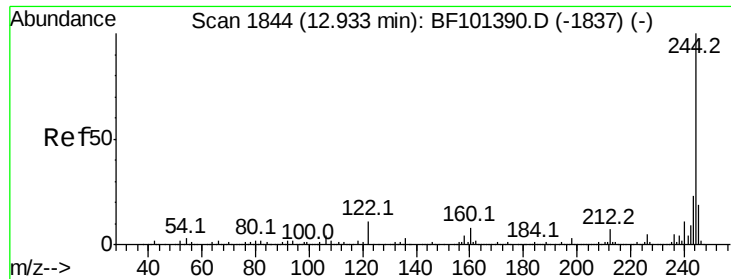


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.153 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

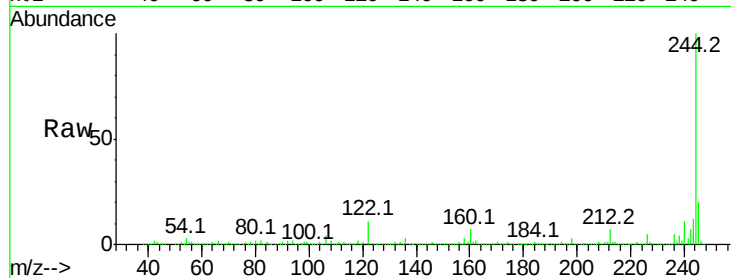
Tot Ion:244 Resp: 1378482

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

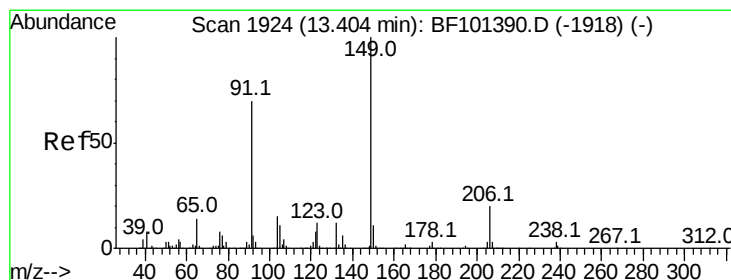
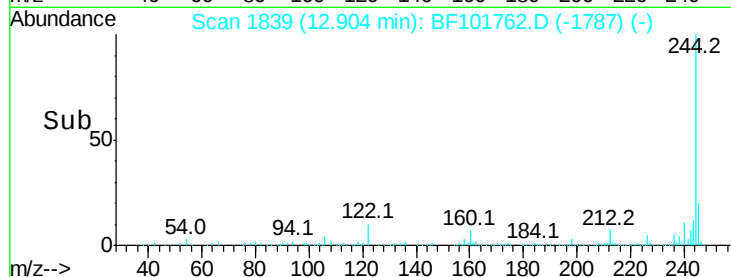
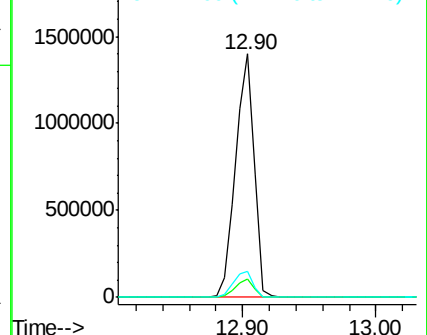
122 10.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.299 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

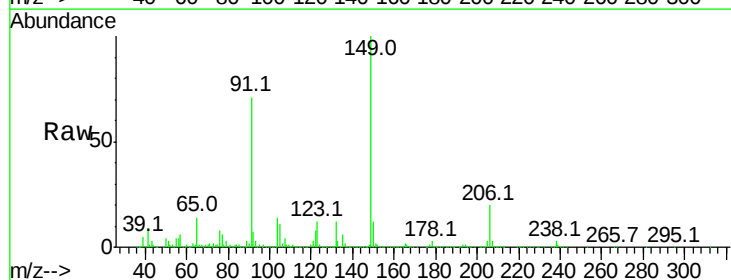
Tgt Ion:149 Resp: 534760

Ion Ratio Lower Upper

149 100

91 71.3 56.8 85.2

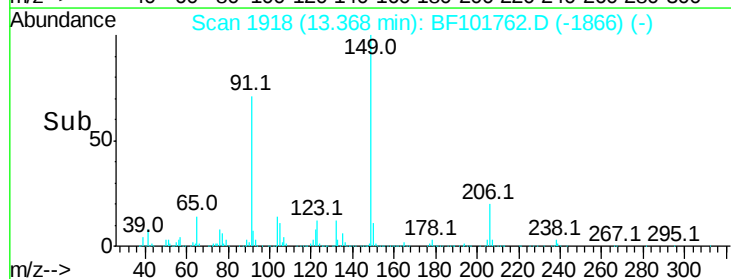
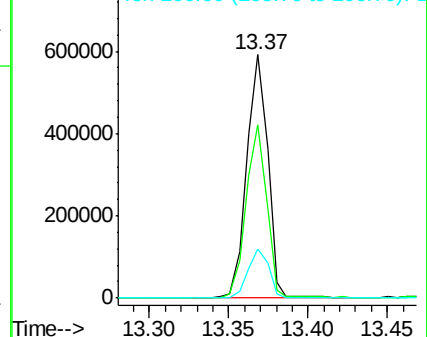
206 20.3 14.1 21.1

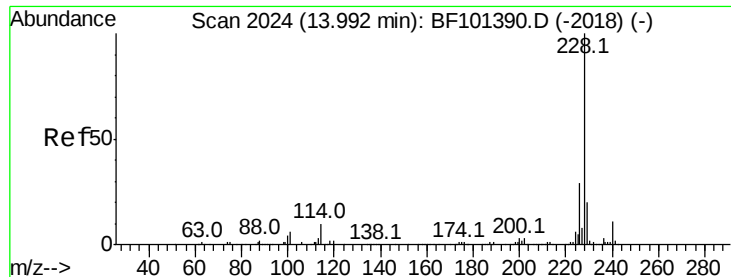


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.220 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

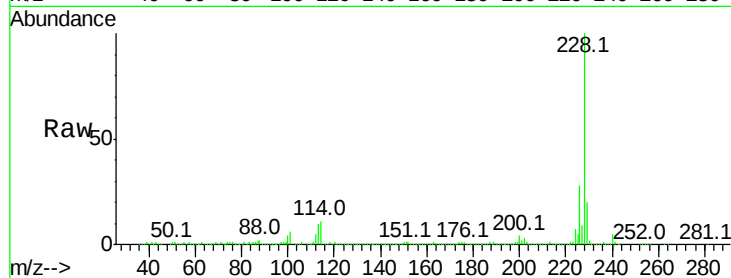
Tot Ion:228 Resp: 911968

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

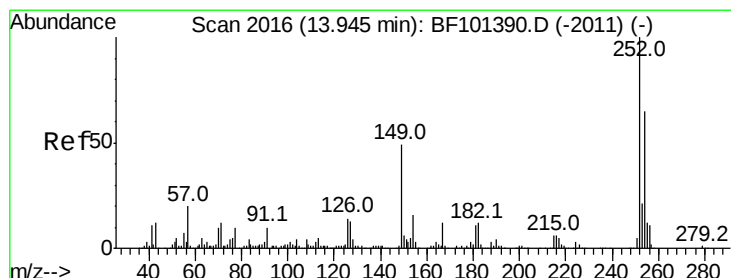
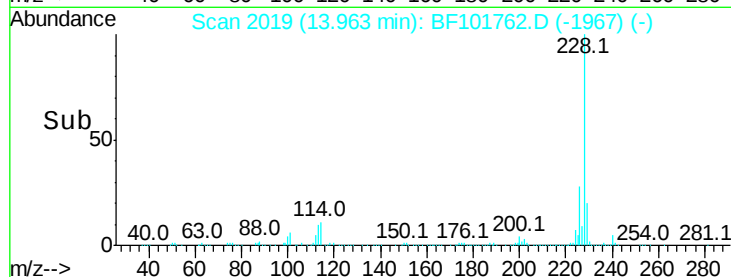
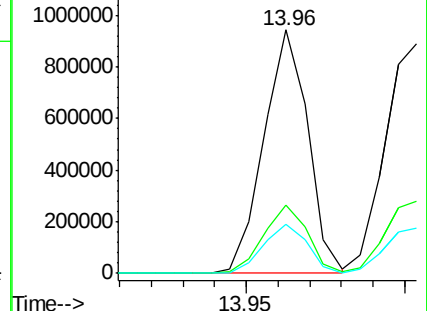
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 17.510 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

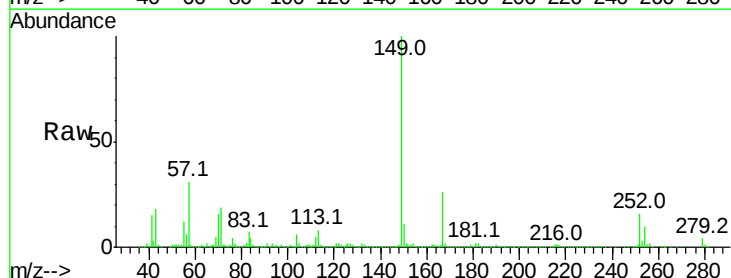
Tgt Ion:252 Resp: 143750

Ion Ratio Lower Upper

252 100

254 62.9 50.4 75.6

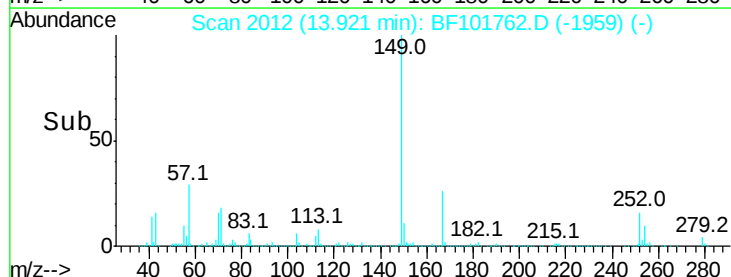
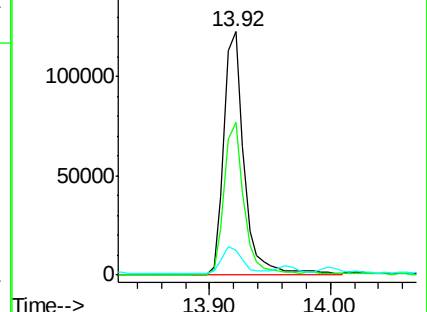
126 10.0 11.3 16.9#

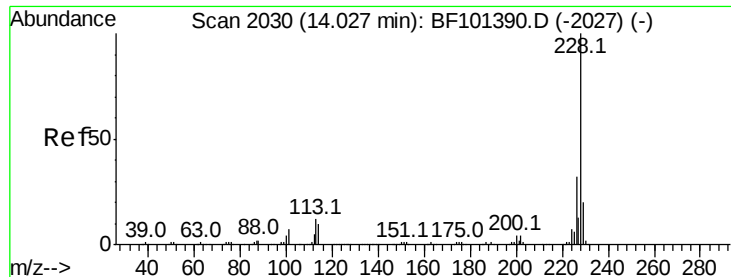


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

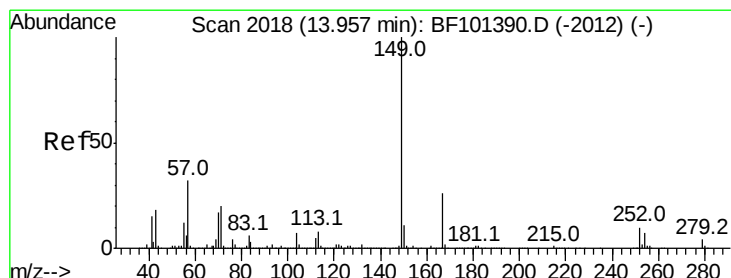
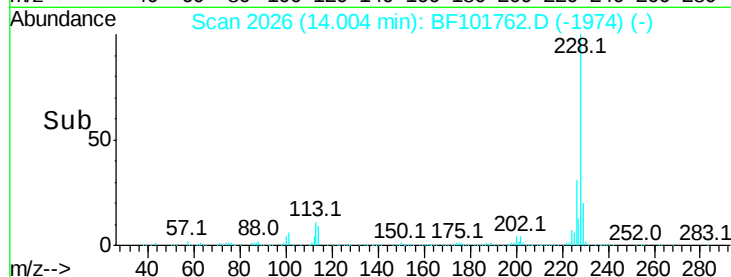
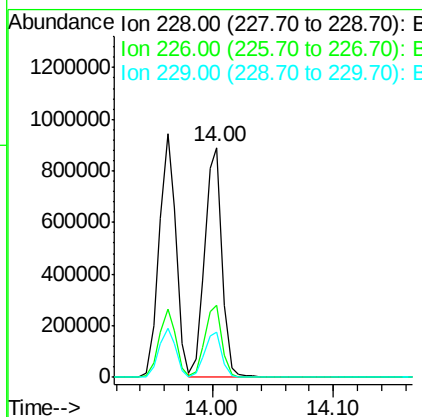
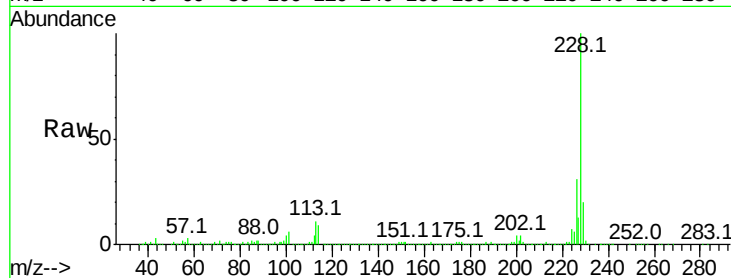




#82
 Chrysene
 Concen: 37.057 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

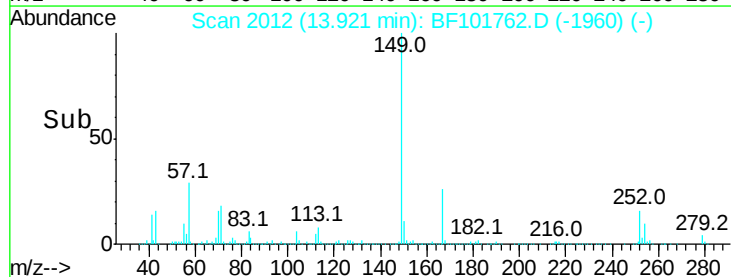
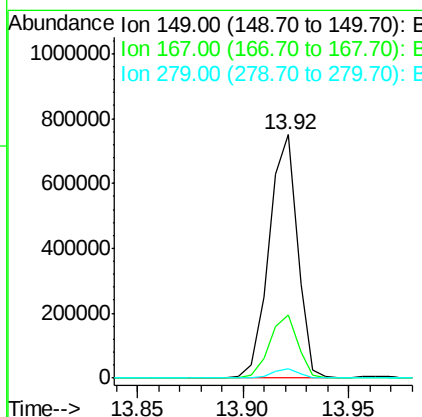
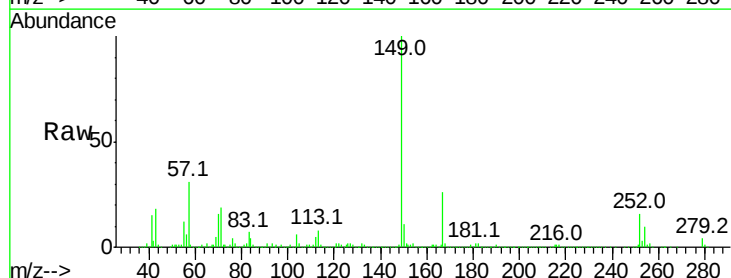
Instrument :
 BNA_F
 ClientSampleId :

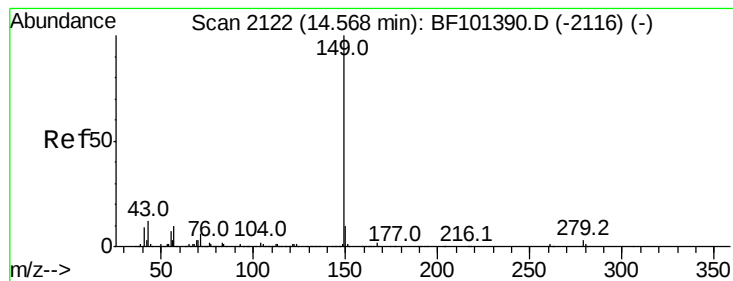
Tot Ion:228 Resp: 880955
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 19.8 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.495 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF101762.D
 Acq: 27 Dec 2017 15:13

Tgt Ion:149 Resp: 696951
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 4.0 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 37.921 ng

RT: 14.53 min Scan# 2116

Delta R.T. 0.01 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampled :

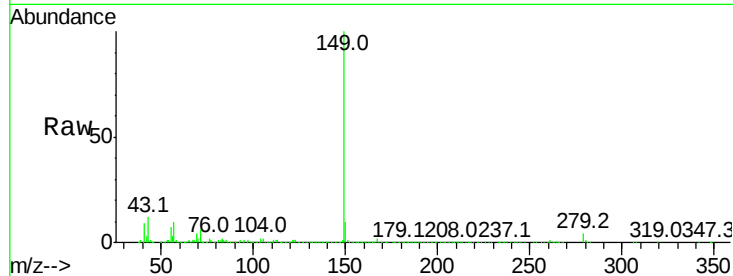
Tot Ion:149 Resp: 1109170

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

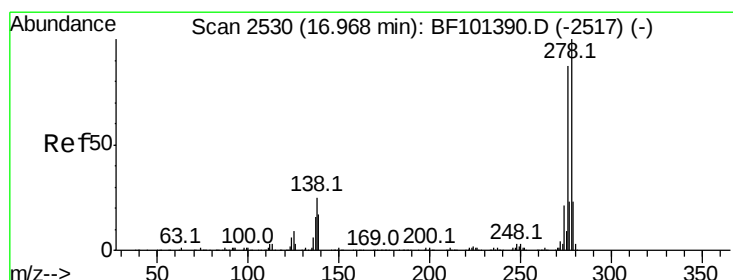
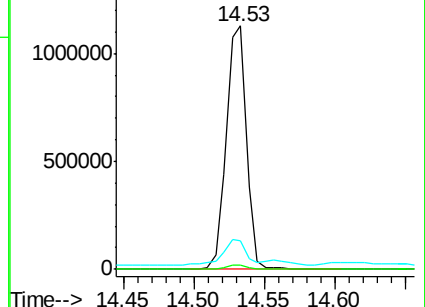
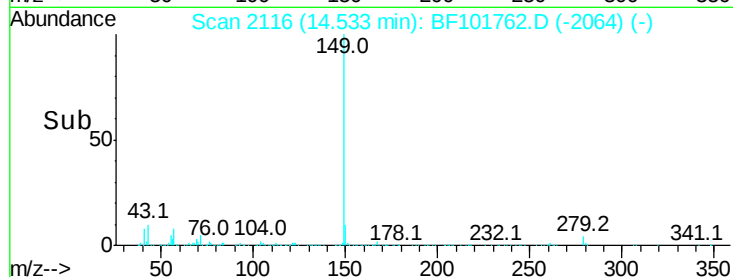
43 13.3 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.928 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

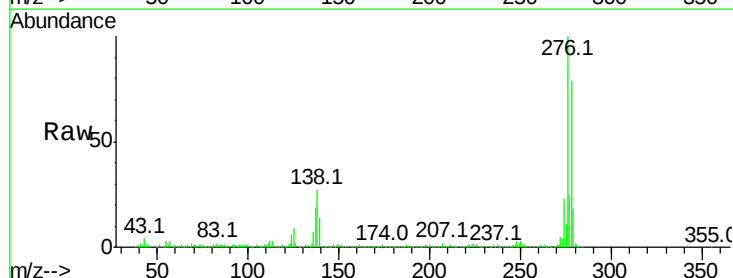
Tgt Ion:276 Resp: 760595

Ion Ratio Lower Upper

276 100

138 27.3 25.0 37.6

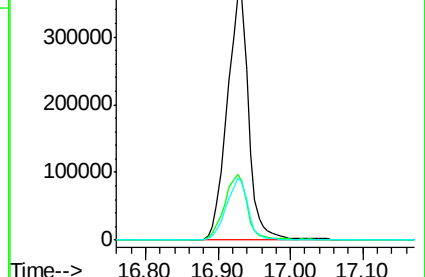
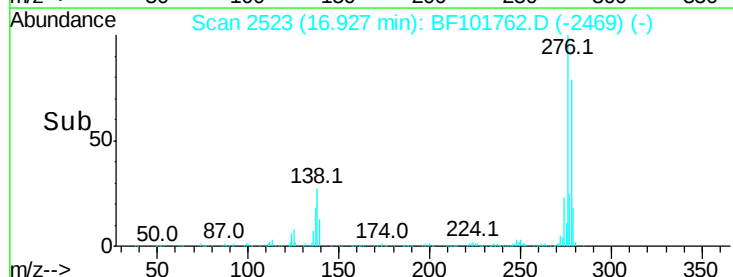
277 25.1 20.1 30.1

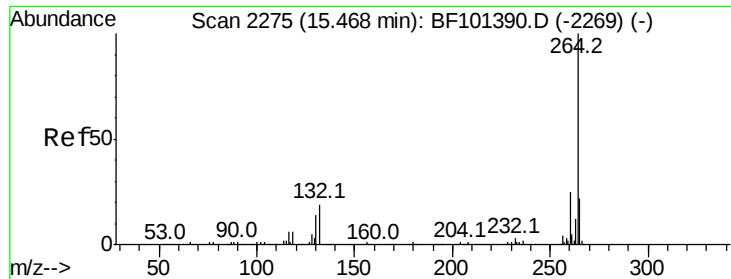


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



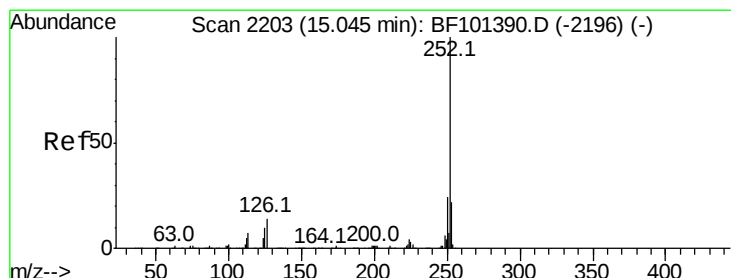
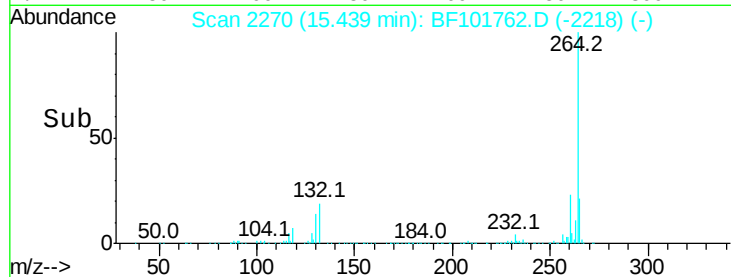
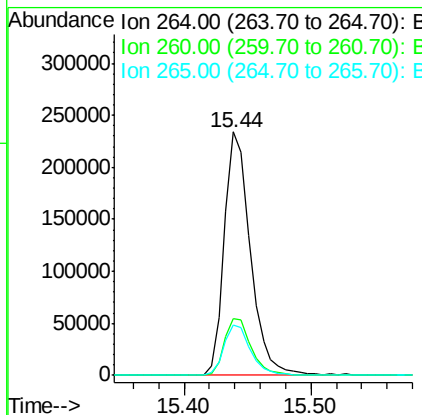
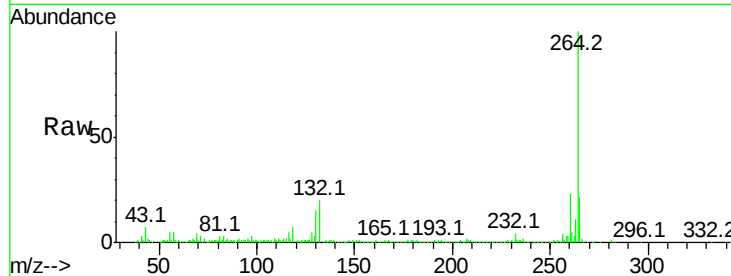


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 333890

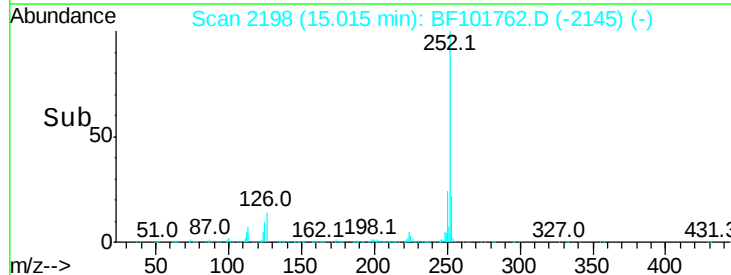
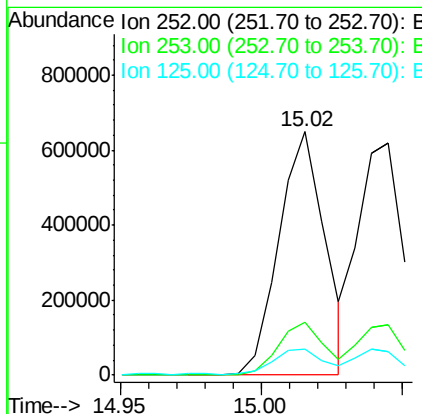
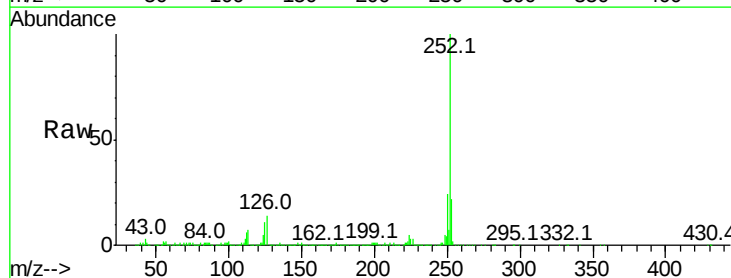
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	17.5	26.3

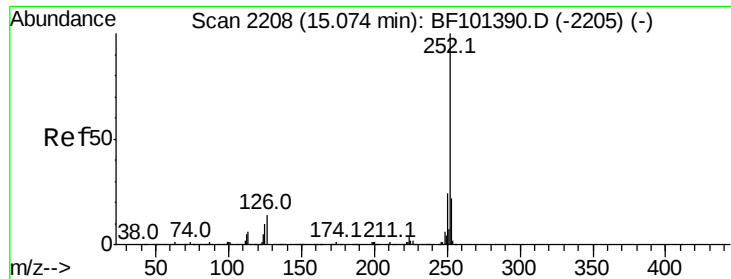


#87
Benzo(b)fluoranthene
Concen: 36.037 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101762.D
Acq: 27 Dec 2017 15:13

Tgt Ion:252 Resp: 733410

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.8	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 37.065 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.02 min

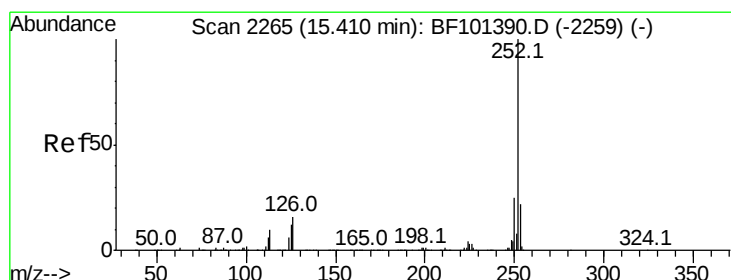
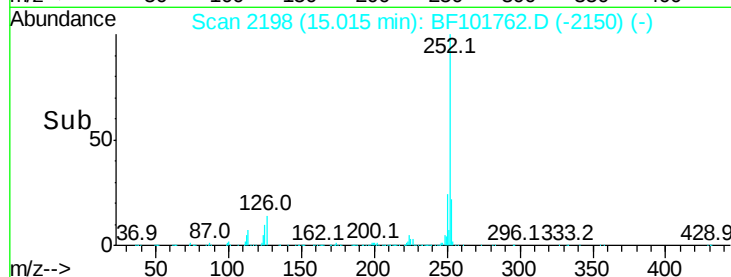
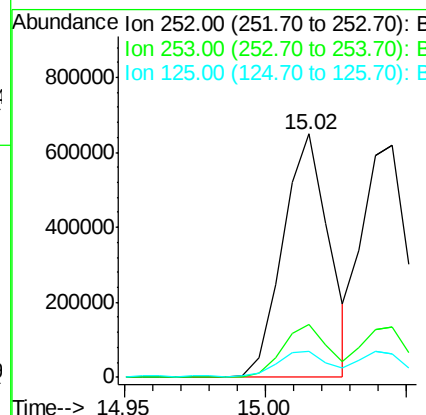
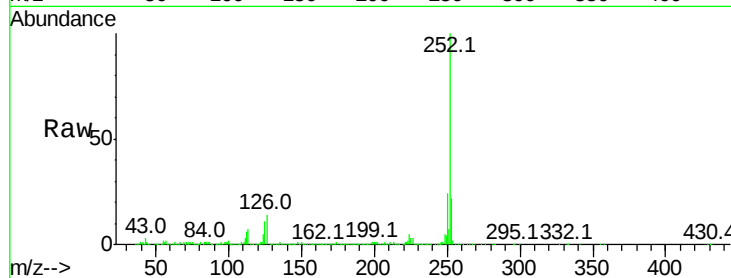
Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 733410

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.8	10.2	15.2



#89

Benzo(a)pyrene

Concen: 36.440 ng

RT: 15.38 min Scan# 2260

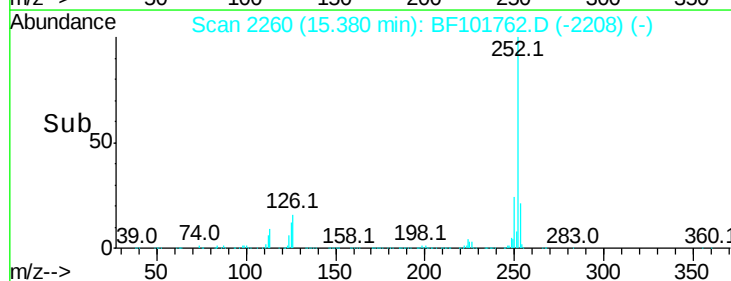
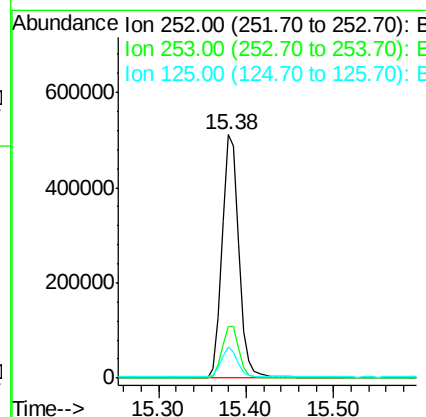
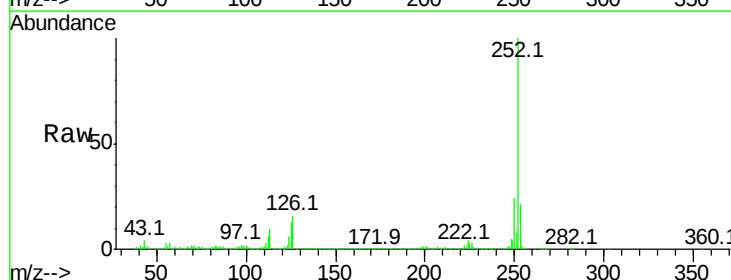
Delta R.T. 0.01 min

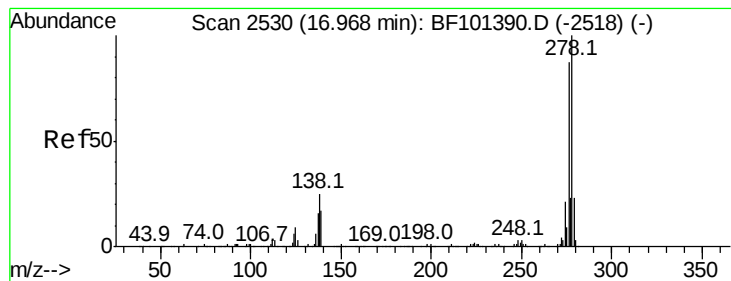
Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Tgt Ion:252 Resp: 683647

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	12.6	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 39.126 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

Instrument :

BNA_F

ClientSampleId :

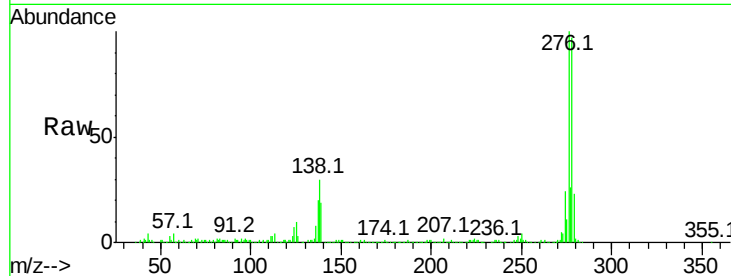
Tot Ion:278 Resp: 630247

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	23.5	19.0	28.4

278 100

139 19.1 15.9 23.9

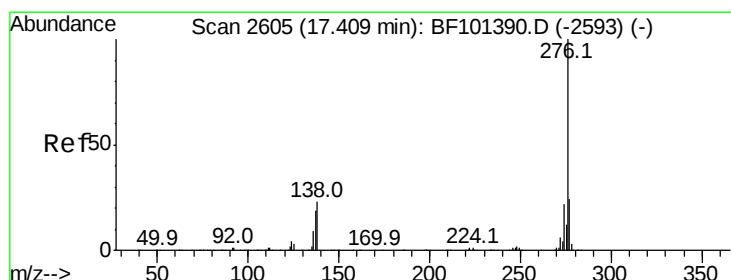
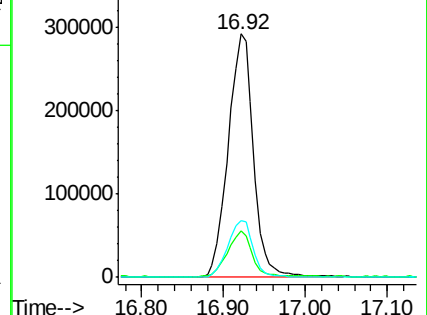
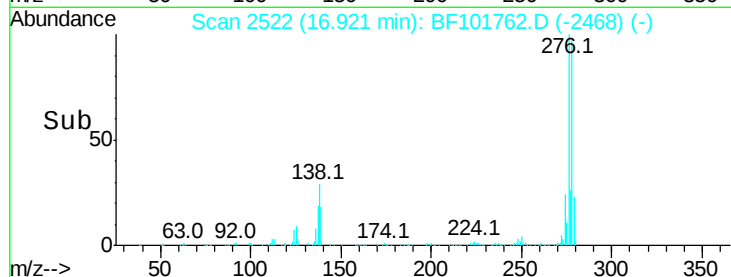
279 23.5 19.0 28.4



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(g,h,i)perylene

Concen: 42.997 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF101762.D

Acq: 27 Dec 2017 15:13

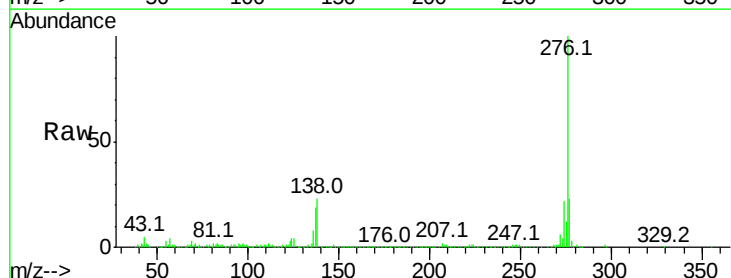
Tgt Ion:276 Resp: 685818

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	23.3	21.8	32.8

276 100

277 23.1 17.9 26.9

138 23.3 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

