

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101598.D
 Acq On : 21 Dec 2017 11:13
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 21 13:24:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145099	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	595257	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	271408	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	516404	20.00	ng	0.00
75) Chrysene-d12	13.97	240	400392	20.00	ng	0.00
86) Perylene-d12	15.43	264	366315	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	764211	78.45	ng	0.00
7) Phenol-d6	6.44	99	892260	73.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	832189	77.82	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	214827	82.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1353866	77.38	ng	0.00
78) Terphenyl-d14	12.91	244	1249374	75.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	185839	37.129	ng	94
3) Pyridine	3.27	79	521312	37.487	ng	98
4) n-Nitrosodimethylamine	3.24	42	242476	37.869	ng	# 97
6) Aniline	6.46	93	626587	37.193	ng	# 87
8) 2-Chlorophenol	6.59	128	389078	37.971	ng	99
9) Benzaldehyde	6.36	77	324235	36.215	ng	100
10) Phenol	6.45	94	519087	37.568	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	416203	38.401	ng	95
12) 1,3-Dichlorobenzene	6.73	146	436390	37.734	ng	97
13) 1,4-Dichlorobenzene	6.82	146	448695	37.994	ng	98
14) 1,2-Dichlorobenzene	6.97	146	404797	38.080	ng	98
15) Benzyl Alcohol	6.95	79	303492	36.371	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	630782	38.028	ng	70
17) 2-Methylphenol	7.06	107	347482	36.866	ng	# 93
18) Hexachloroethane	7.30	117	158413	38.581	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	290829	36.530	ng	96
20) 3+4-Methylphenols	7.22	107	403043	40.352	ng	# 60
22) Acetophenone	7.22	105	522041	38.435	ng	# 89
24) Nitrobenzene	7.39	77	450231	38.043	ng	96
25) Isophorone	7.62	82	809490	37.735	ng	96
26) 2-Nitrophenol	7.70	139	216850	42.649	ng	99
27) 2,4-Dimethylphenol	7.74	122	320054	37.052	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	516307	37.890	ng	98
29) 2,4-Dichlorophenol	7.95	162	330966	38.783	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	339585	37.708	ng	97
31) Naphthalene	8.10	128	1114944	37.205	ng	100
32) Benzoic acid	7.90	122	247776	43.472	ng	96
33) 4-Chloroaniline	8.16	127	490571	37.664	ng	98
34) Hexachlorobutadiene	8.21	225	200051	38.407	ng	97
35) Caprolactam	8.55	113	112184	37.859	ng	# 86
36) 4-Chloro-3-methylphenol	8.65	107	357646	38.130	ng	98
37) 2-Methylnaphthalene	8.79	142	719056	36.829	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	353362	38.562	ng	97
40) Hexachlorocyclopentadiene	8.93	237	57181	43.299	ng	99

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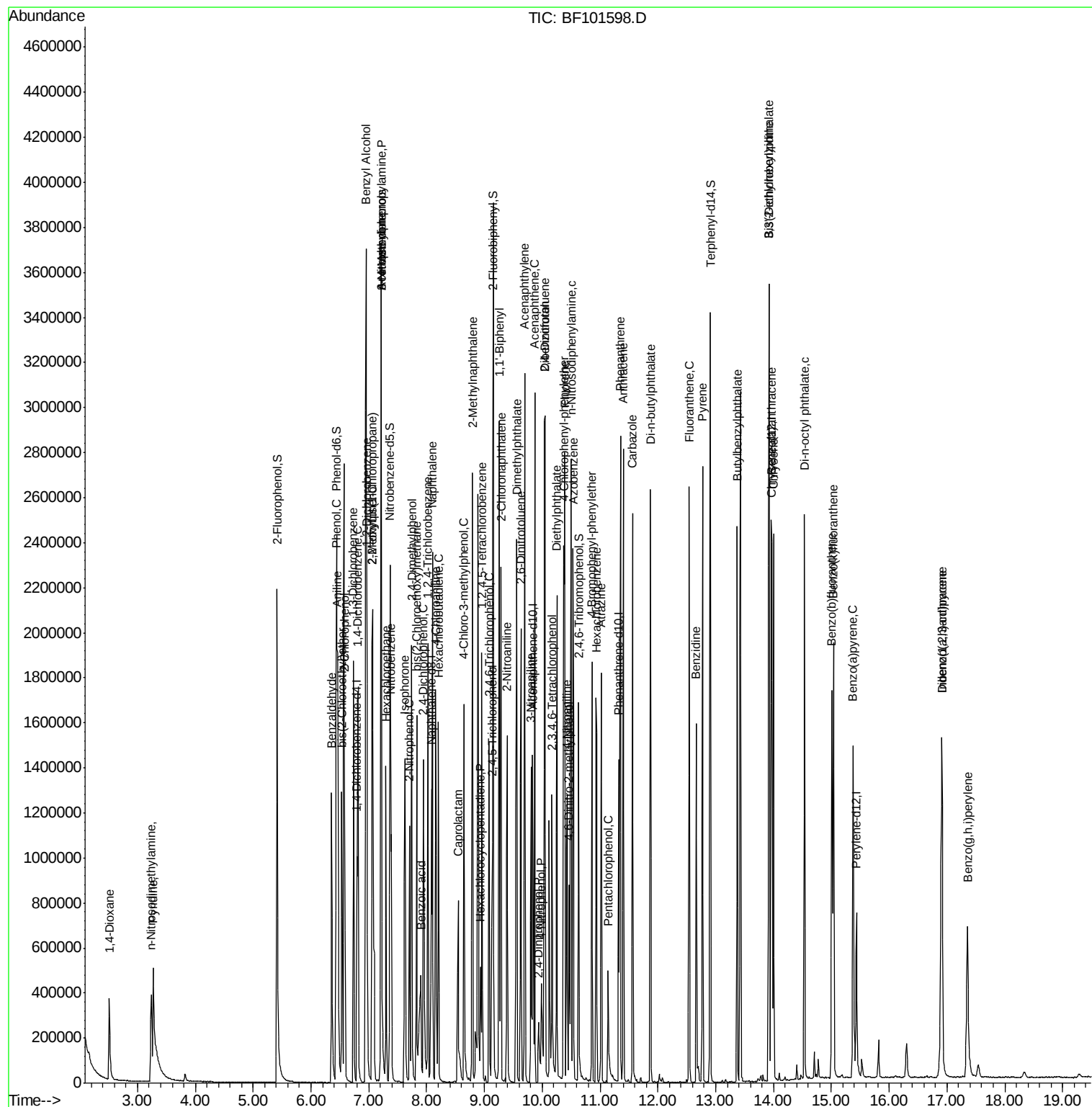
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	218049	39.526	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	232569	38.502	ng	97
45) 1,1'-Biphenyl	9.26	154	895521	37.205	ng	98
46) 2-Chloronaphthalene	9.29	162	685589	37.226	ng	98
47) 2-Nitroaniline	9.39	65	258889	40.691	ng	91
48) Acenaphthylene	9.70	152	1054210	36.240	ng	100
49) Dimethylphthalate	9.56	163	779732	35.717	ng	99
50) 2,6-Dinitrotoluene	9.63	165	172780	38.941	ng	# 90
51) Acenaphthene	9.87	154	643109	36.798	ng	99
52) 3-Nitroaniline	9.81	138	221348	40.013	ng	96
53) 2,4-Dinitrophenol	9.93	184	56423	42.121	ng	# 20
54) Dibenzofuran	10.04	168	876664	39.471	ng	98
55) 4-Nitrophenol	9.99	139	79696	33.040	ng	93
56) 2,4-Dinitrotoluene	10.05	165	212132	42.434	ng	# 85
57) Fluorene	10.39	166	724214	38.545	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	186766	43.036	ng	# 87
59) Diethylphthalate	10.25	149	820545	37.955	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	360329	40.016	ng	97
61) 4-Nitroaniline	10.43	138	210623	37.879	ng	98
62) Azobenzene	10.53	77	842495	37.619	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	123222	46.759	ng	94
65) n-Nitrosodiphenylamine	10.50	169	711864	37.333	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	226860	39.097	ng	# 88
67) Hexachlorobenzene	10.94	284	235652	38.373	ng	# 85
68) Atrazine	11.02	200	220074	38.707	ng	98
69) Pentachlorophenol	11.14	266	83028	38.474	ng	99
70) Phenanthrene	11.35	178	1054147	36.707	ng	99
71) Anthracene	11.40	178	1080265	36.826	ng	99
72) Carbazole	11.56	167	1005933	36.626	ng	99
73) Di-n-butylphthalate	11.87	149	1287167	38.613	ng	100
74) Fluoranthene	12.54	202	1113945	36.955	ng	99
76) Benzidine	12.66	184	606772	35.881	ng	99
77) Pyrene	12.77	202	1140436	37.952	ng	100
79) Butylbenzylphthalate	13.37	149	553715	40.725	ng	98
80) Benzo(a)anthracene	13.96	228	984395	37.233	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	323636	37.542	ng	# 98
82) Chrysene	14.00	228	928560	37.198	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	688024	39.951	ng	99
84) Di-n-octyl phthalate	14.53	149	1238711	40.331	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	743649	33.454	ng	95
87) Benzo(b)fluoranthene	15.01	252	905166	40.540	ng	98
88) Benzo(k)fluoranthene	15.04	252	753957	34.731	ng	98
89) Benzo(a)pyrene	15.38	252	762996	37.069	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	634562	35.907	ng	97
91) Benzo(g,h,i)perylene	17.36	276	623082	35.606	ng	96

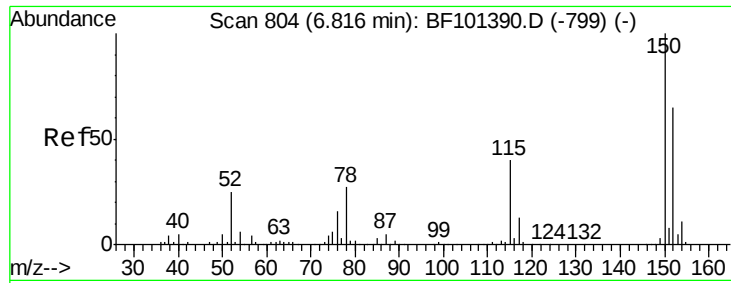
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampled :

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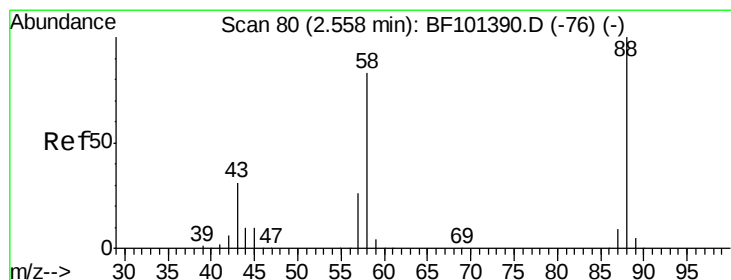
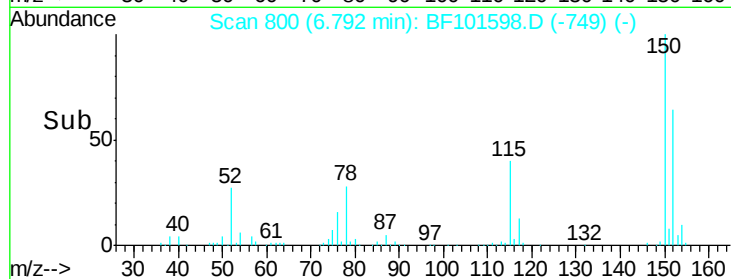
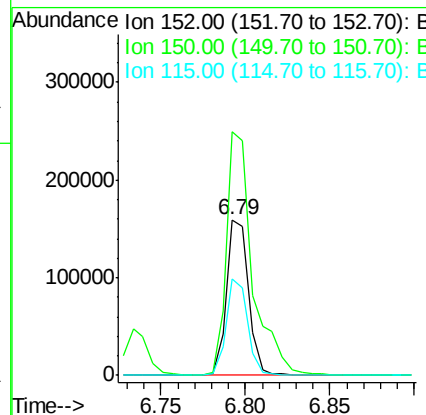
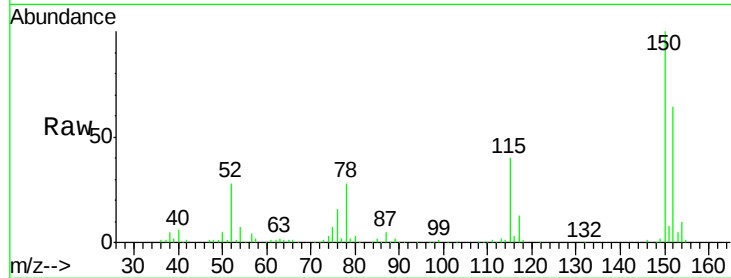


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

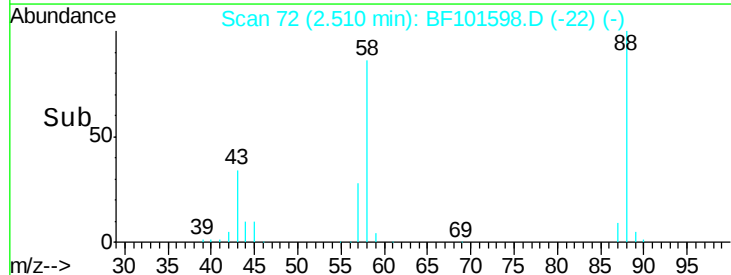
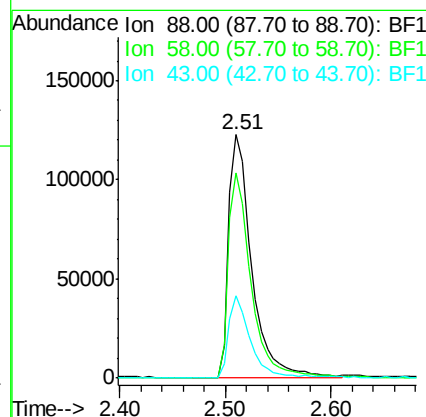
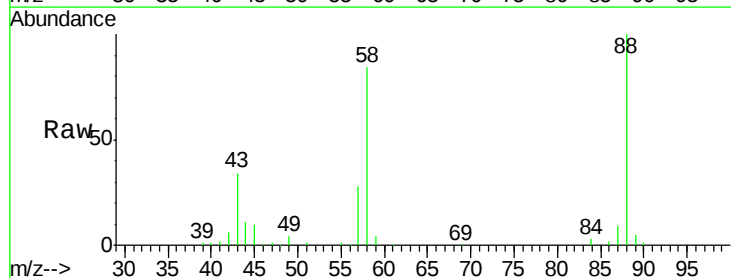
Tgt Ion: 152 Resp: 145099
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 62.1 50.1 75.1



#2

1,4-Dioxane
Concen: 37.129 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion: 88 Resp: 185839
Ion Ratio Lower Upper
88 100
58 84.5 62.6 93.8
43 33.1 24.6 37.0





#3

Pyridine

Concen: 37.487 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.01 min

Lab File: BF101598.D

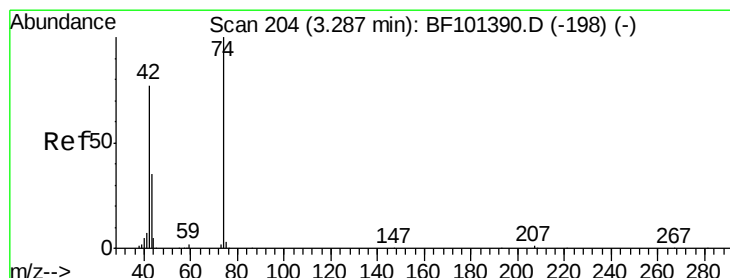
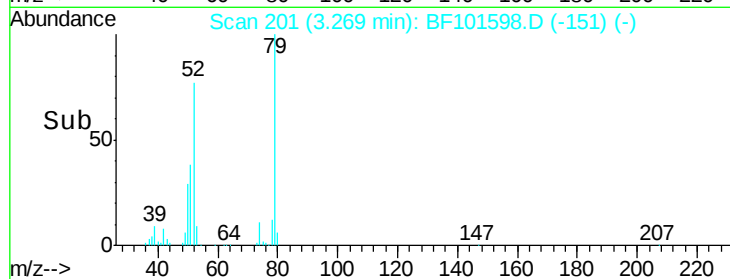
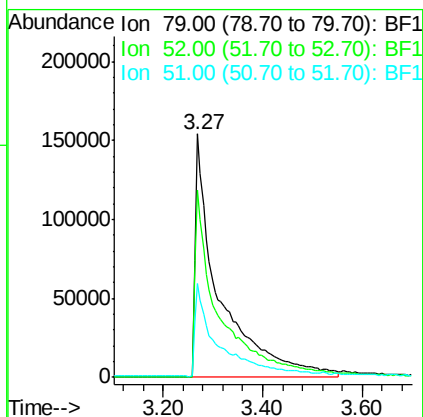
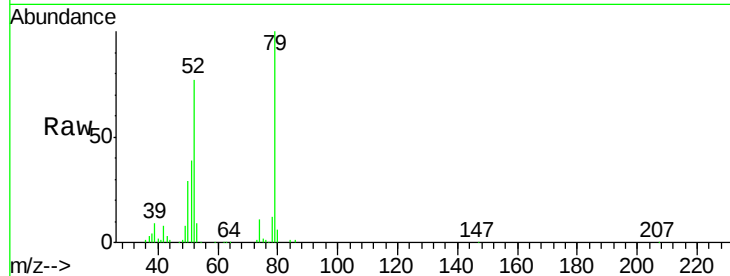
Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	79	Resp:	521312
Ion	Ratio	Lower	Upper
79	100		
52	76.7	59.8	89.6
51	38.6	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 37.869 ng

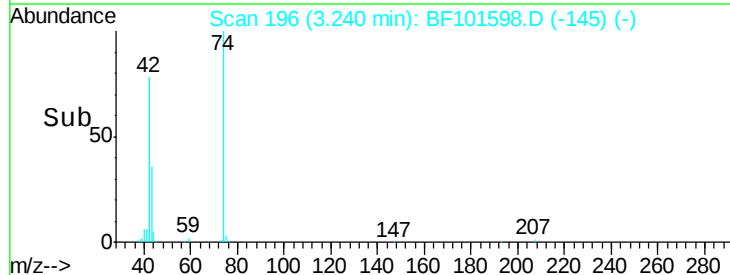
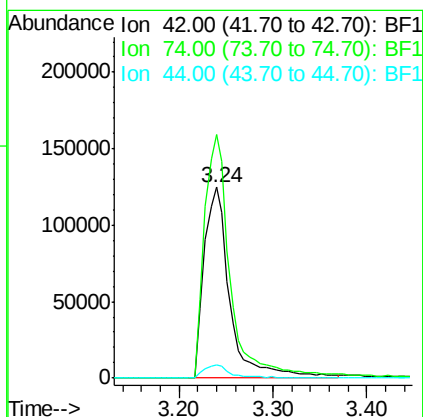
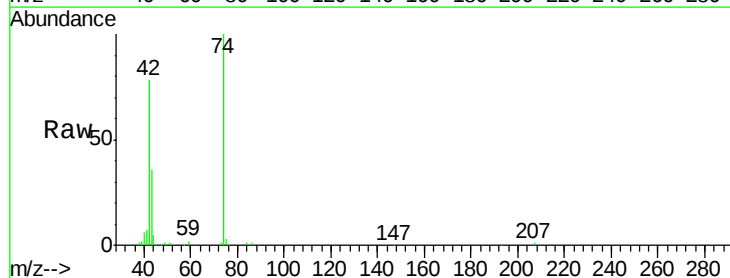
RT: 3.24 min Scan# 196

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Tgt Ion:	42	Resp:	242476
Ion	Ratio	Lower	Upper
42	100		
74	127.6	104.9	157.3
44	6.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 78.454 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF101598.D

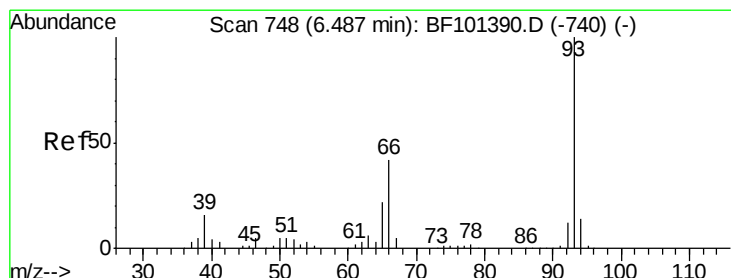
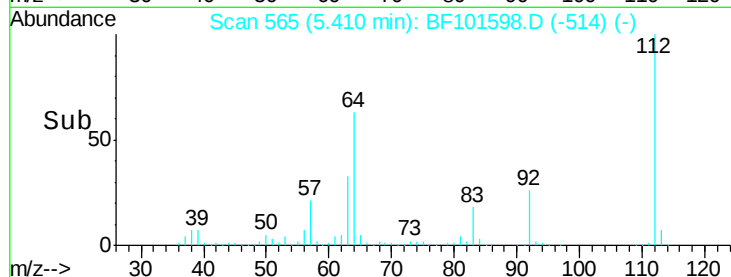
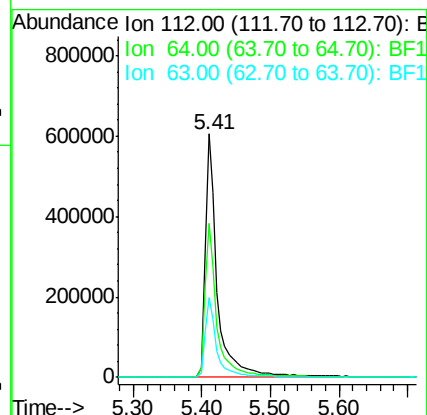
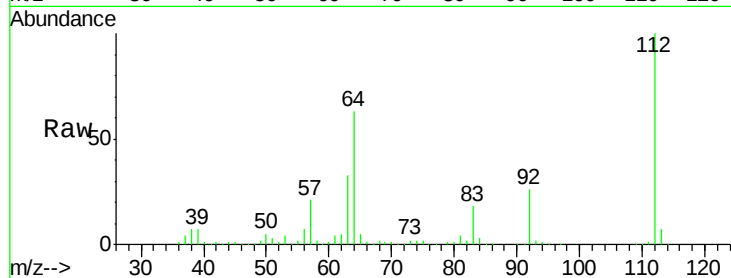
Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	112	Resp:	764211
Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.7	23.7	35.5



#6

Aniline

Concen: 37.193 ng

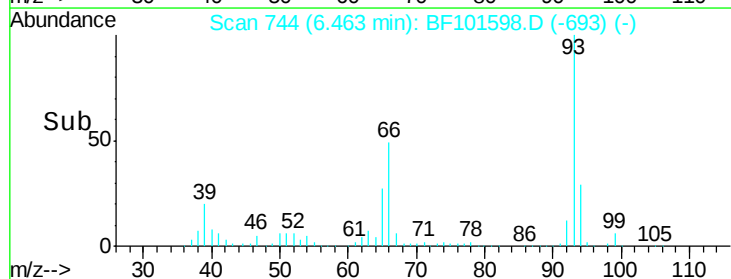
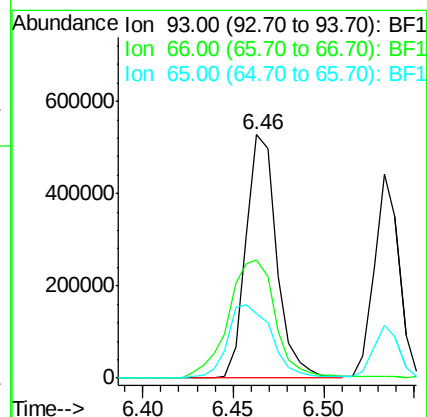
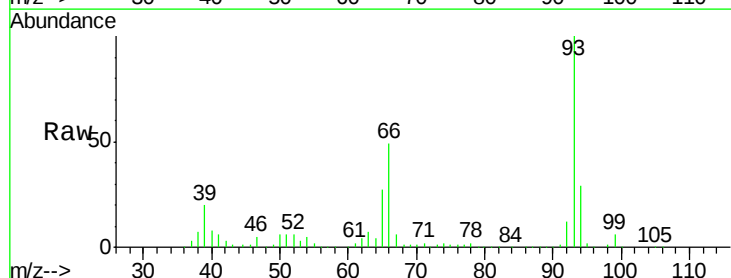
RT: 6.46 min Scan# 744

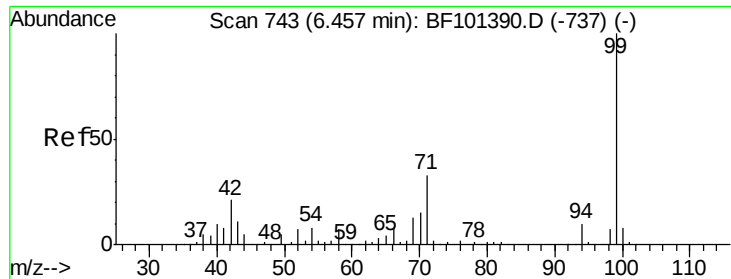
Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Tgt Ion:	93	Resp:	626587
Ion	Ratio	Lower	Upper
93	100		
66	48.7	32.2	48.2#
65	26.6	16.4	24.6#





#7

Phenol-d6

Concen: 73.601 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

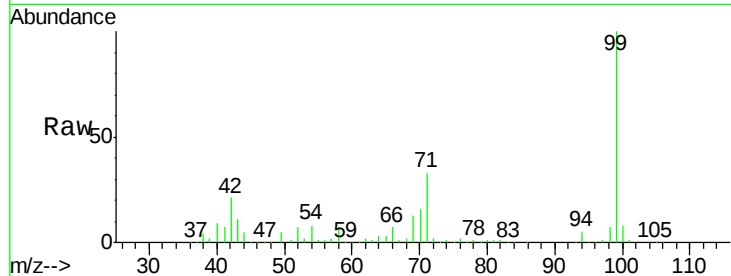
Tgt Ion: 99 Resp: 892260

Ion Ratio Lower Upper

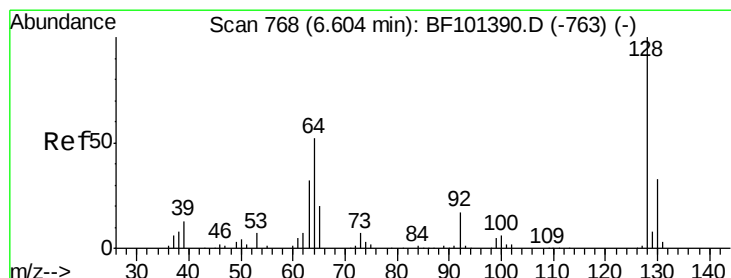
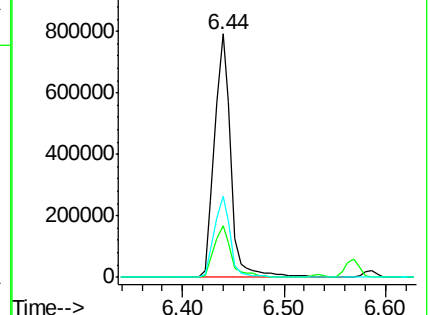
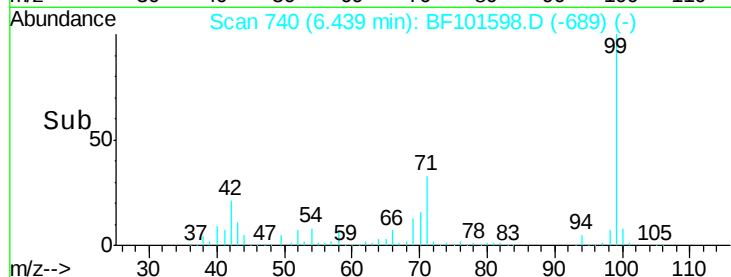
99 100

42 21.2 14.5 21.7

71 33.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.971 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

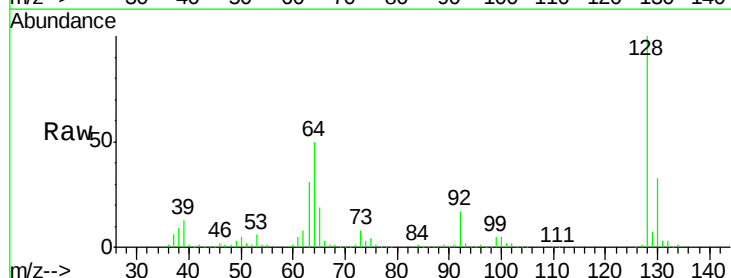
Tgt Ion: 128 Resp: 389078

Ion Ratio Lower Upper

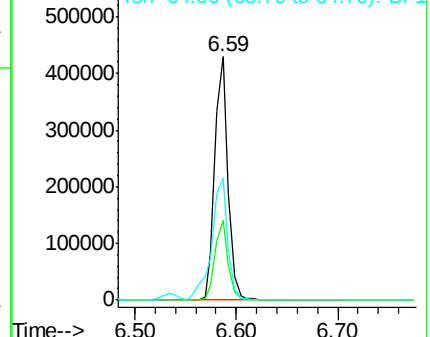
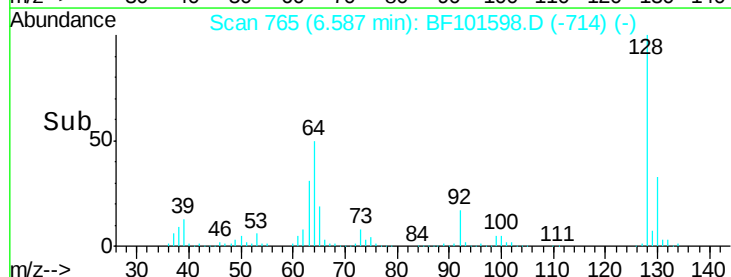
128 100

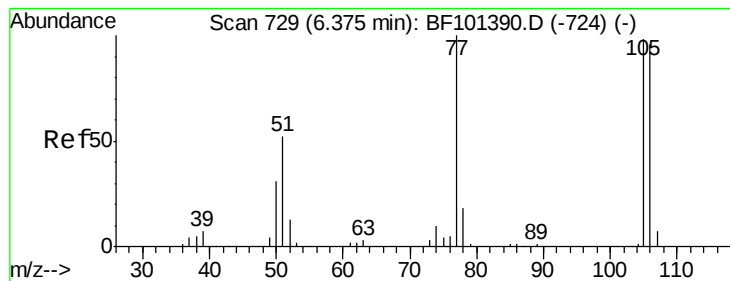
130 32.7 13.0 53.0

64 50.3 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: 36.215 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

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ClientSampleId :

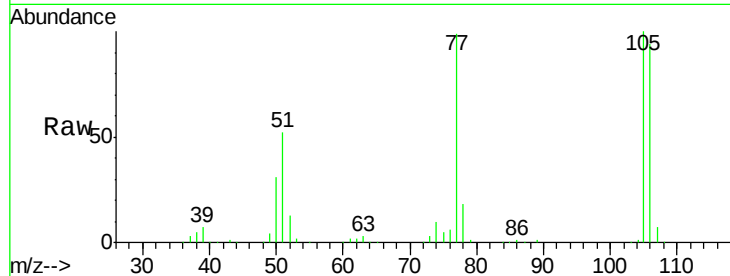
Tgt Ion: 77 Resp: 324235

Ion Ratio Lower Upper

77 100

105 100.7 81.1 121.1

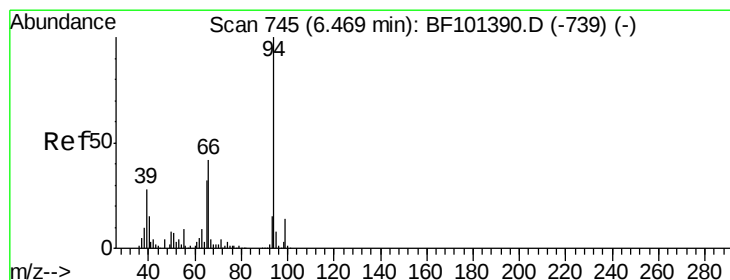
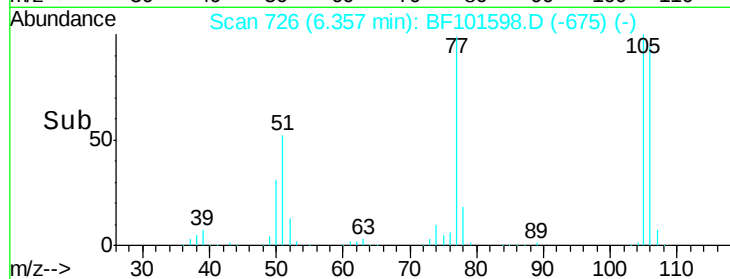
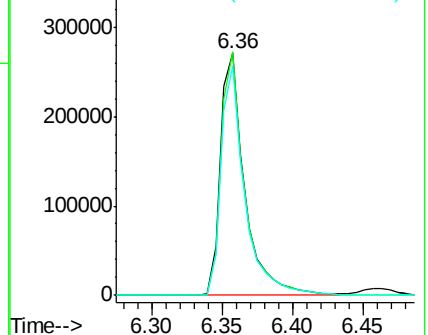
106 94.8 74.5 114.5



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: 37.568 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

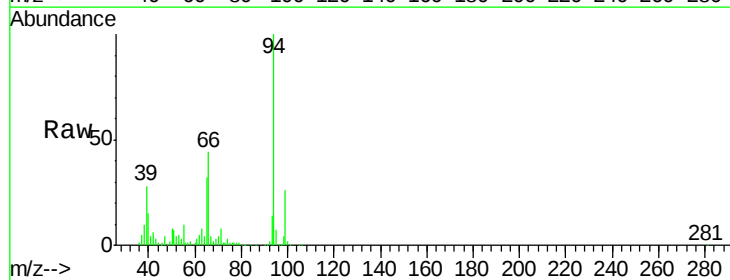
Tgt Ion: 94 Resp: 519087

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

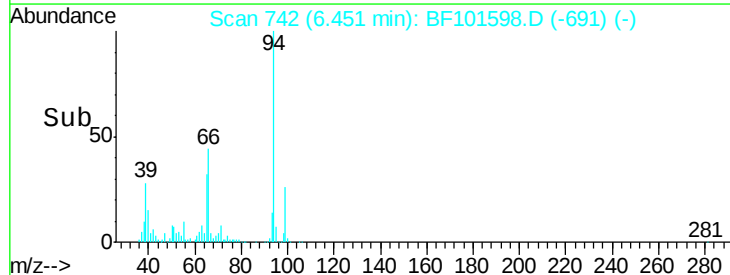
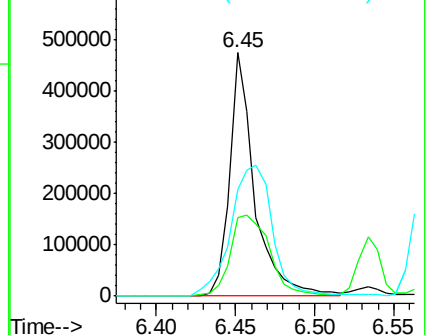
66 43.6 16.2 56.2

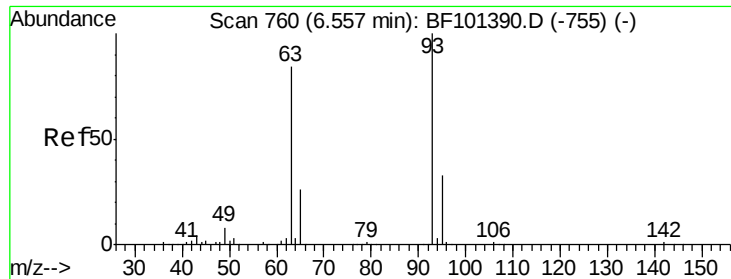


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

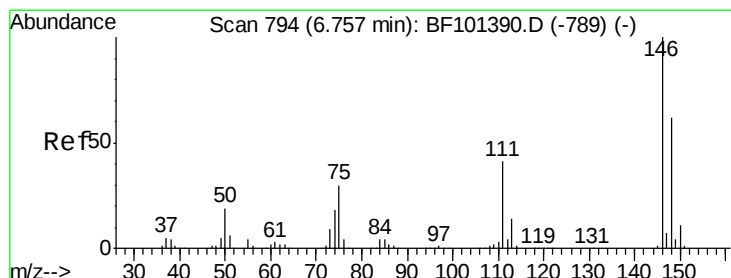
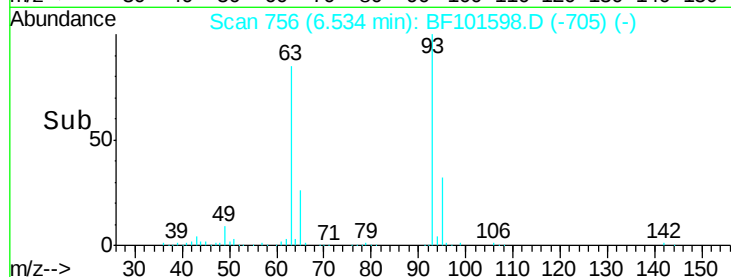
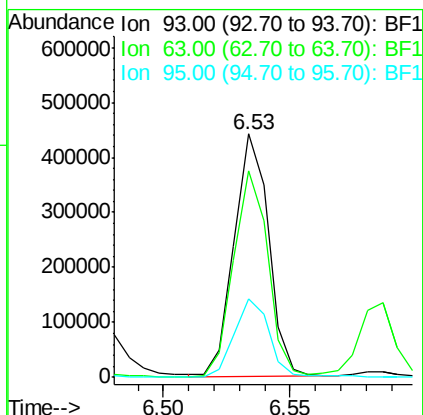
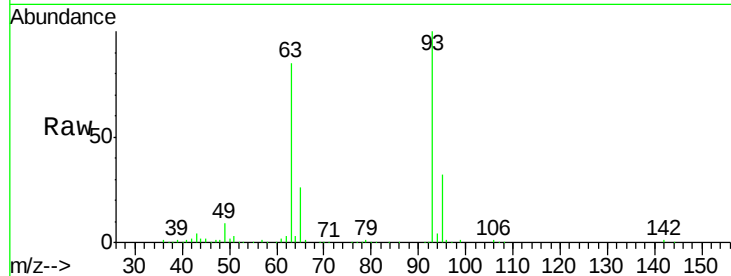




#11
bis(2-Chloroethyl)ether
Concen: 38.401 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

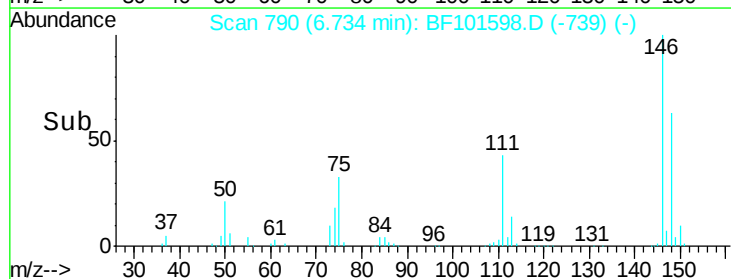
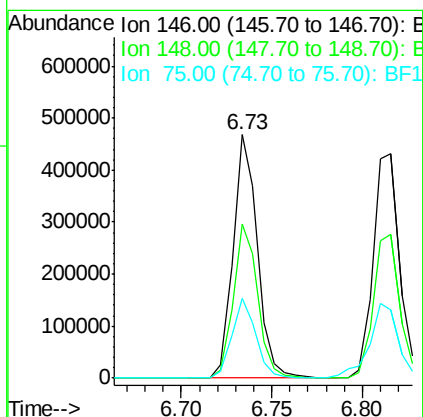
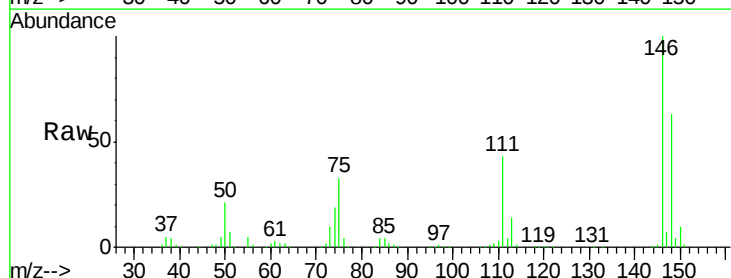
Instrument :
BNA_F
ClientSampled :

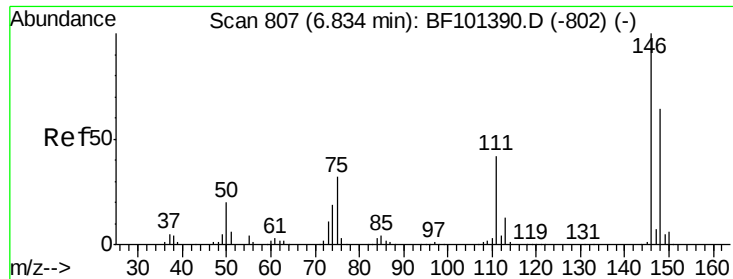
Tgt Ion: 93 Resp: 416203
Ion Ratio Lower Upper
93 100
63 84.7 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.734 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion: 146 Resp: 436390
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 33.0 24.2 36.4

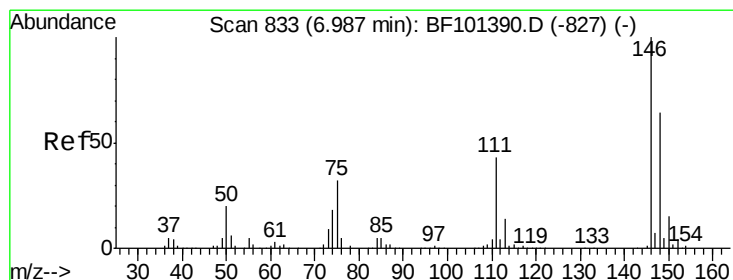
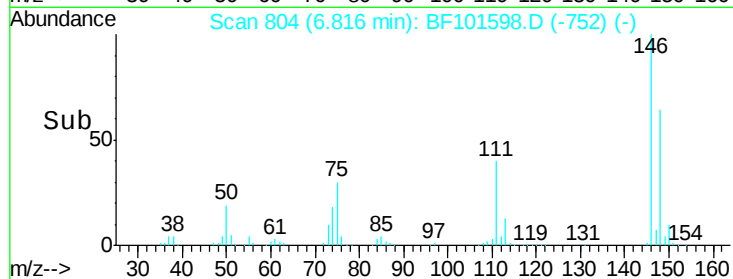
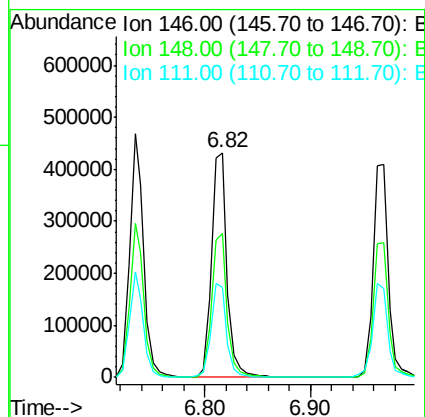
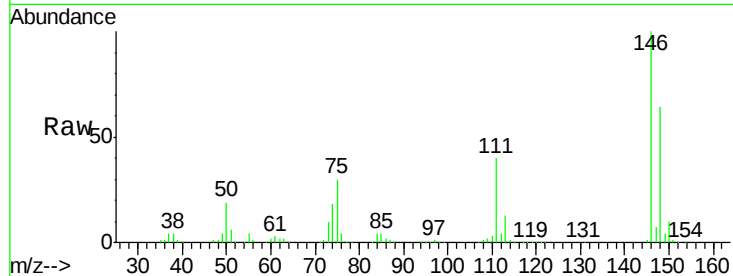




#13
 1,4-Dichlorobenzene
 Concen: 37.994 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

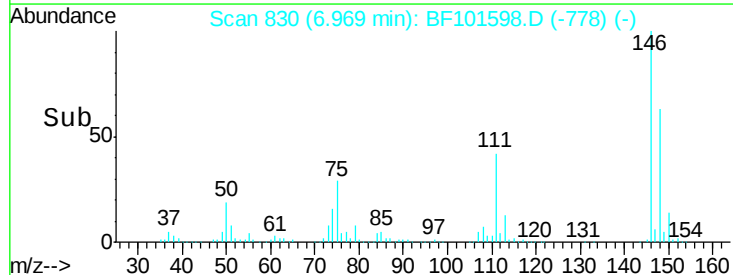
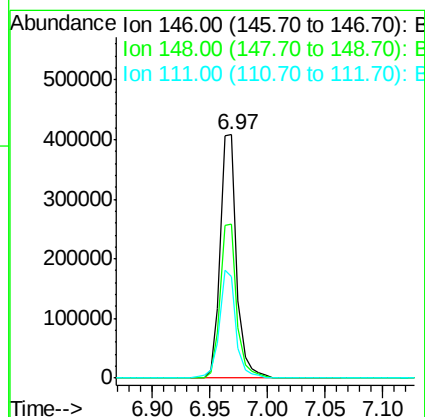
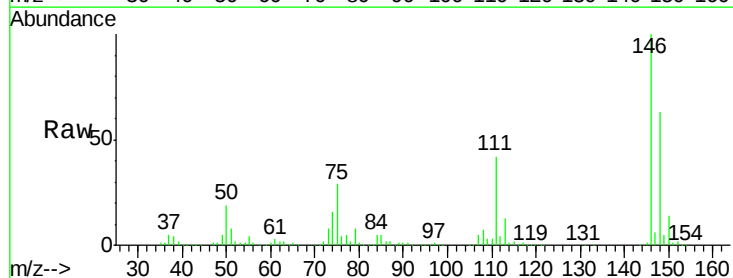
Instrument :
 BNA_F
 ClientSampled :

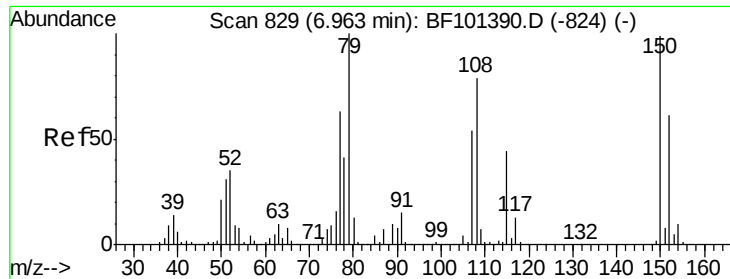
Tgt Ion:146 Resp: 448695
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.080 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:146 Resp: 404797
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 41.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.371 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

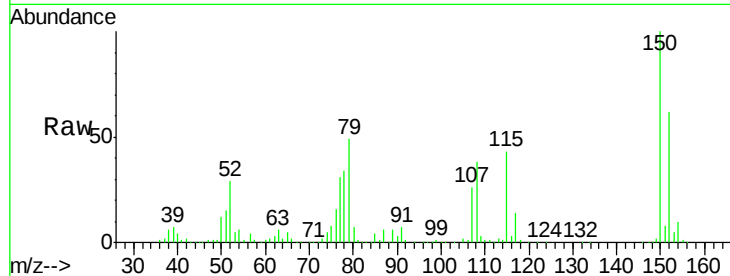
Tgt Ion: 79 Resp: 303492

Ion Ratio Lower Upper

79 100

108 77.0 65.1 97.7

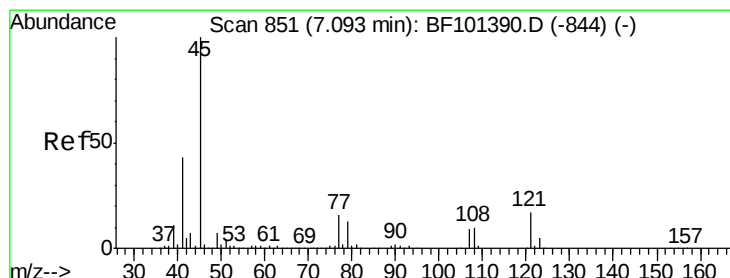
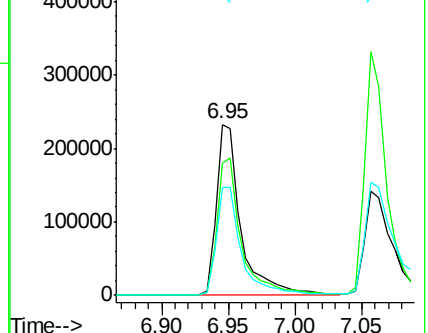
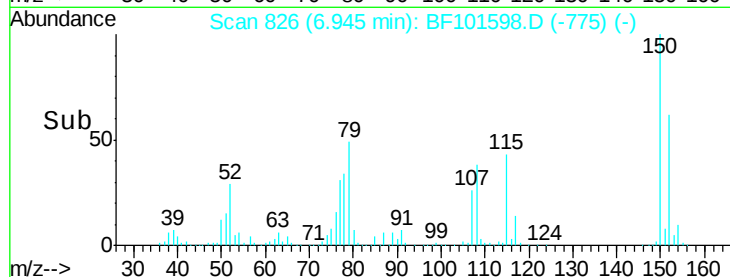
77 63.2 50.6 75.8



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: 38.028 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

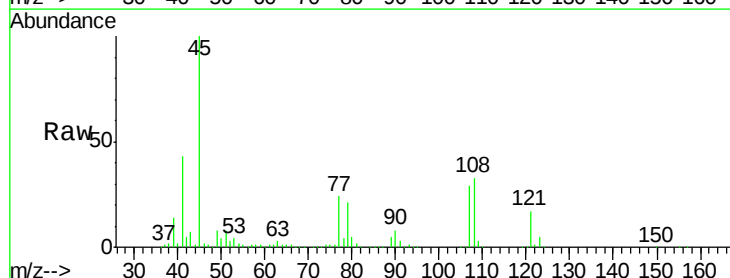
Tgt Ion: 45 Resp: 630782

Ion Ratio Lower Upper

45 100

77 24.5 0.0 32.9

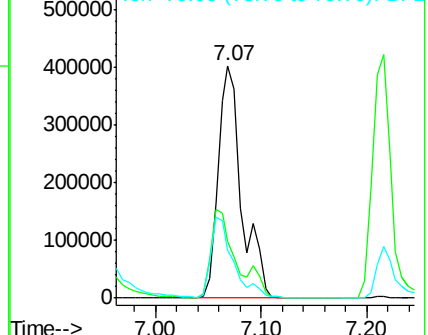
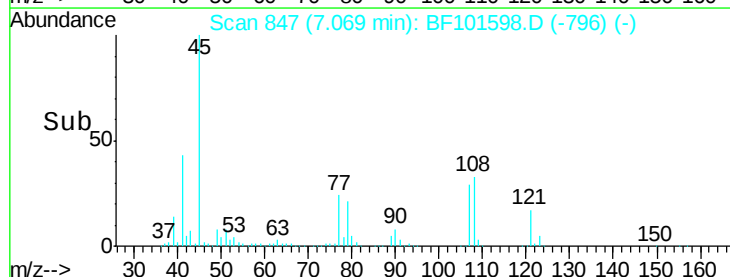
79 20.8 0.0 29.6

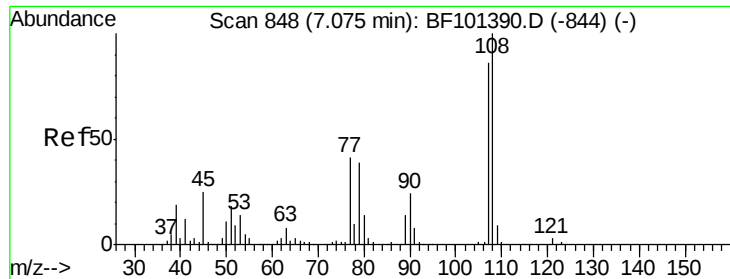


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

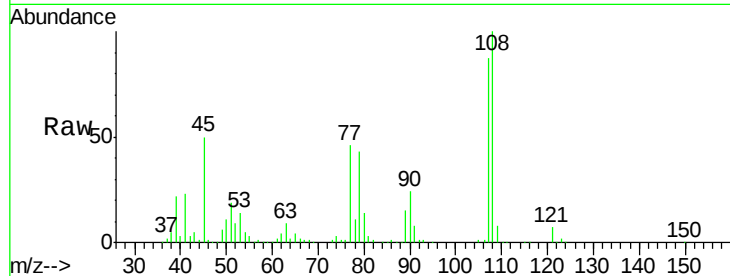




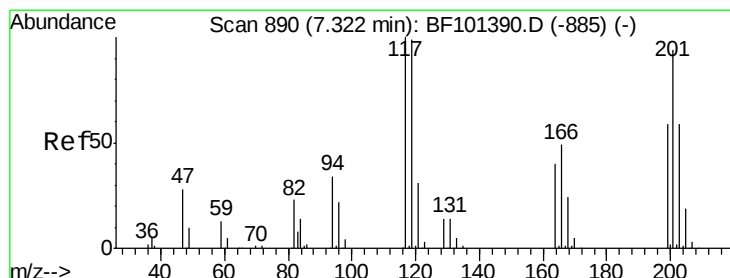
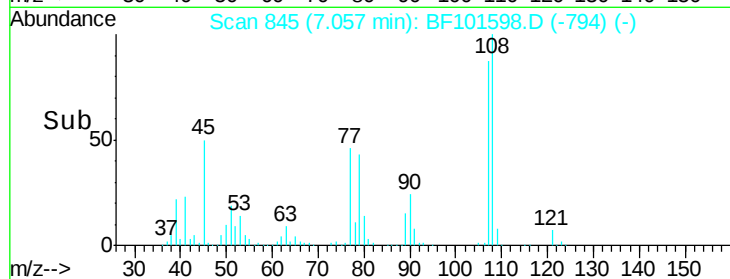
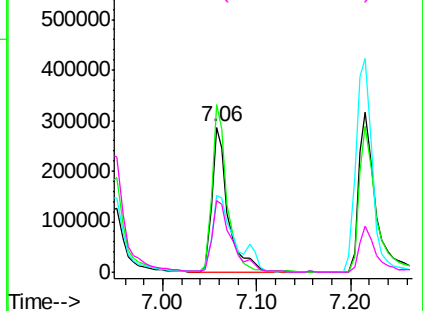
#17
2-Methylphenol
Concen: 36.866 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 347482
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 53.4 33.8 50.8#
79 49.2 33.8 50.8

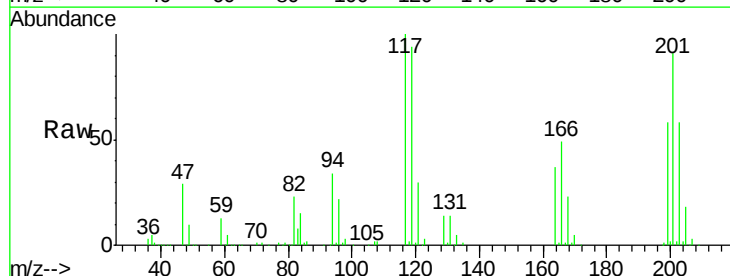


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

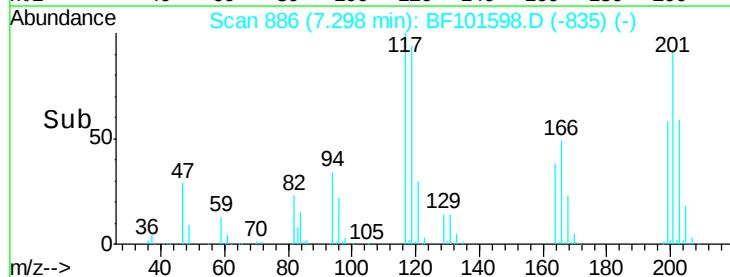
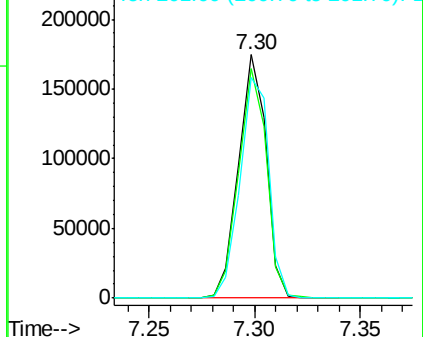


#18
Hexachloroethane
Concen: 38.581 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:117 Resp: 158413
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 90.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

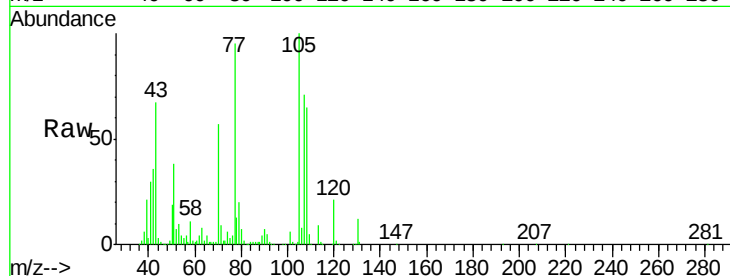




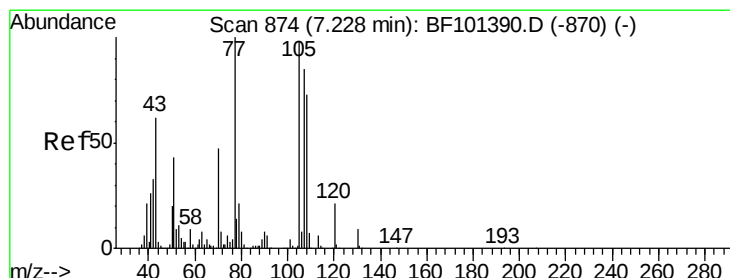
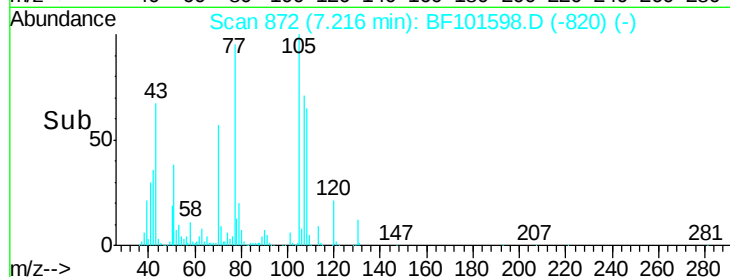
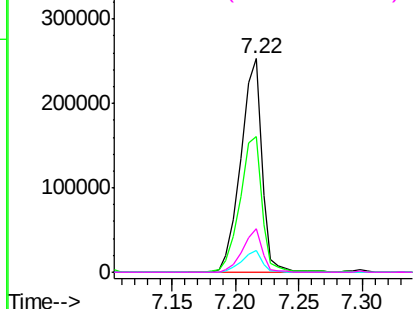
#19
n-Nitroso-di-n-propylamine
Concen: 36.530 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 290829
Ion Ratio Lower Upper
70 100
42 63.7 47.5 71.3
101 10.0 7.4 11.2
130 20.2 16.6 25.0



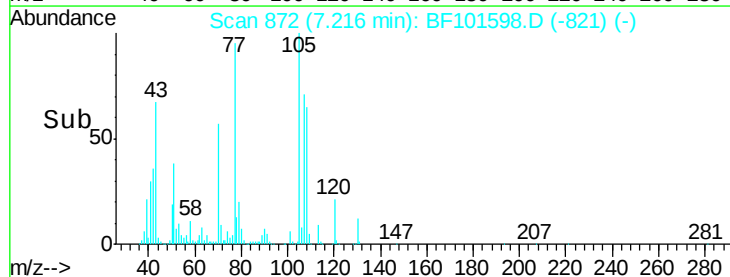
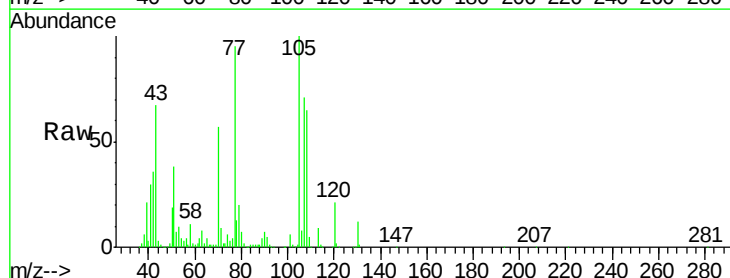
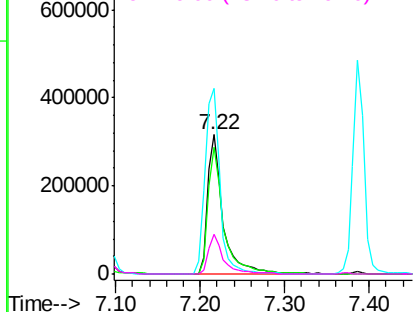
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

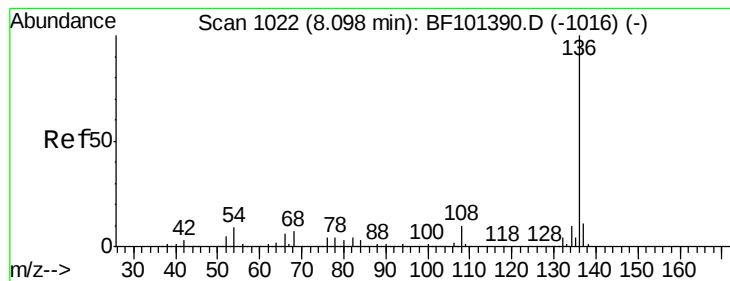


#20
3+4-Methylphenols
Concen: 40.352 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion: 107 Resp: 403043
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 133.7 26.7 66.7#
79 28.6 6.3 46.3

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 595257

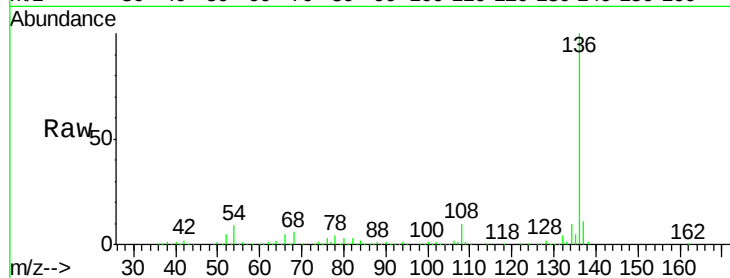
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 6.3 5.0 7.4

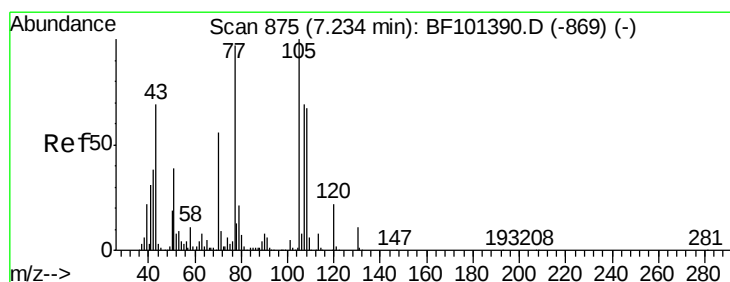
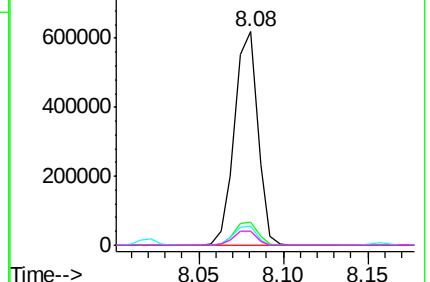
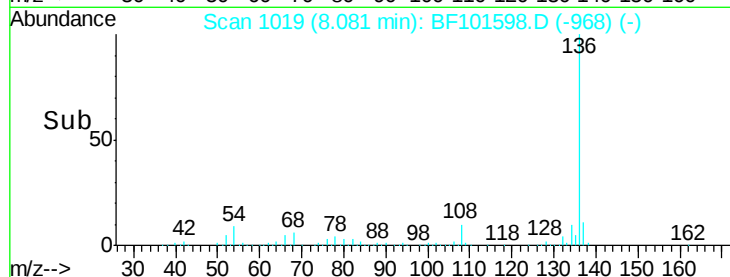


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.435 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Tgt Ion:105 Resp: 522041

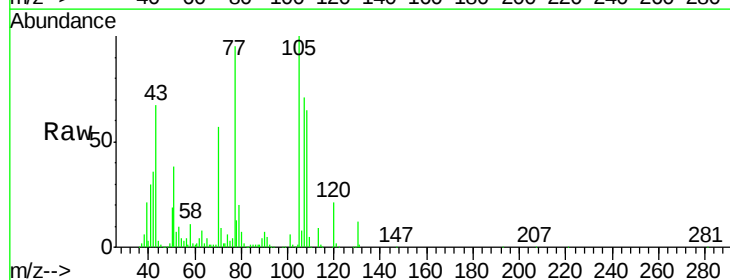
Ion Ratio Lower Upper

105 100

71 9.5 4.4 6.6#

51 38.2 22.3 33.5#

120 20.9 16.9 25.3

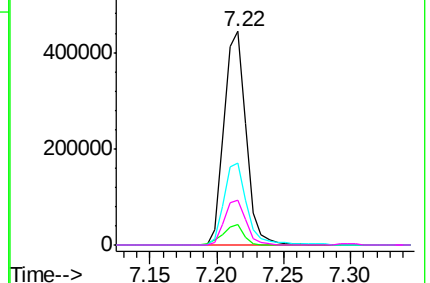
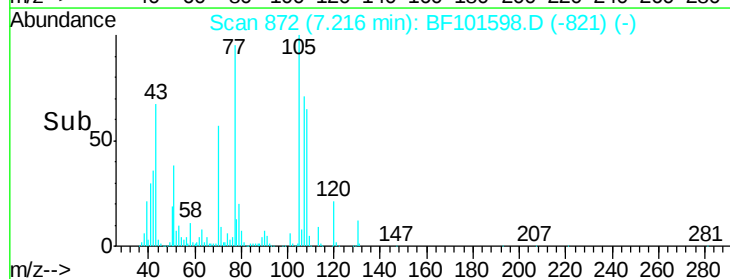


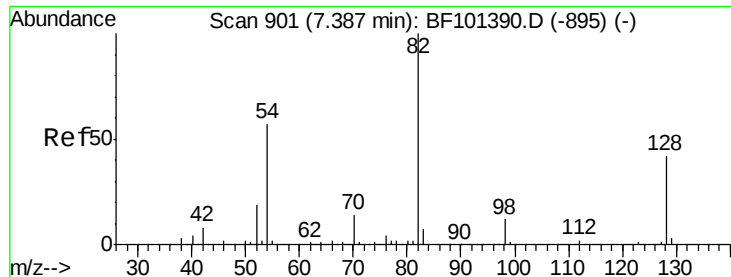
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

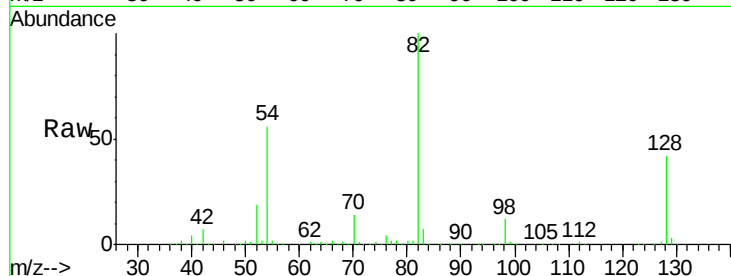




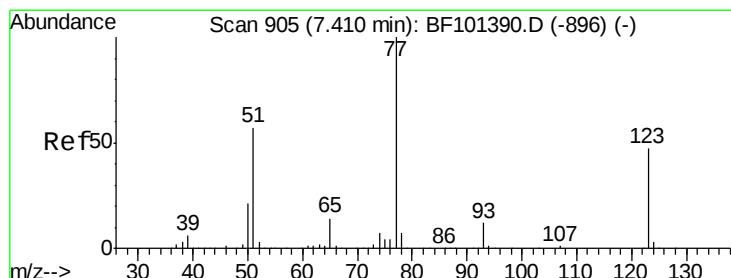
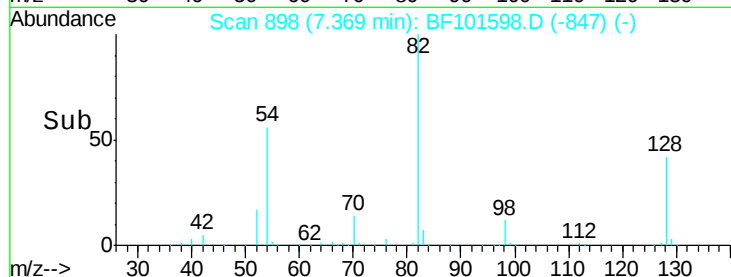
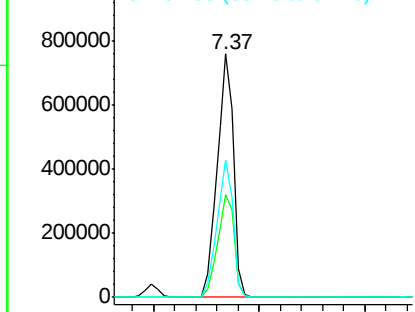
#23
 Nitrobenzene-d5
 Concen: 77.823 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 832189
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 56.3 41.4 62.2

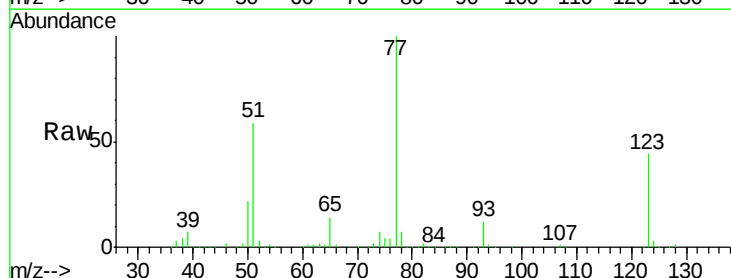


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

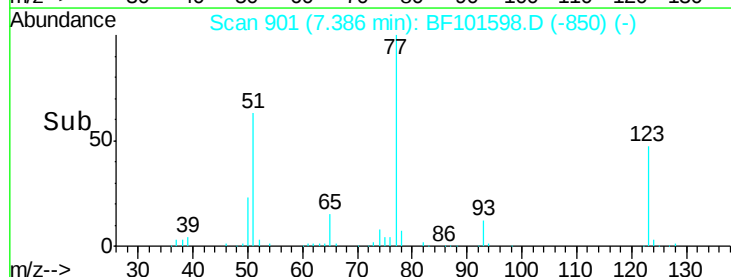
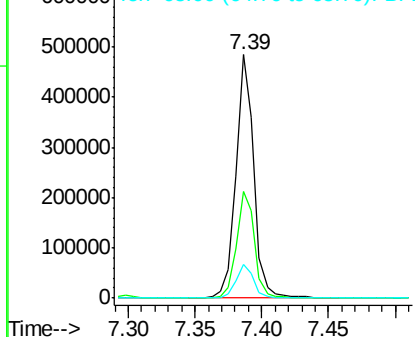


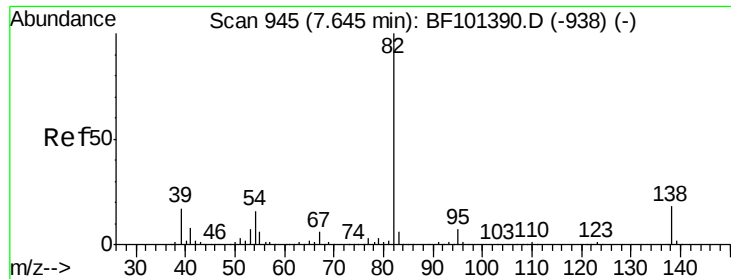
#24
 Nitrobenzene
 Concen: 38.043 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion: 77 Resp: 450231
 Ion Ratio Lower Upper
 77 100
 123 44.1 37.9 56.9
 65 13.9 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: 37.735 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

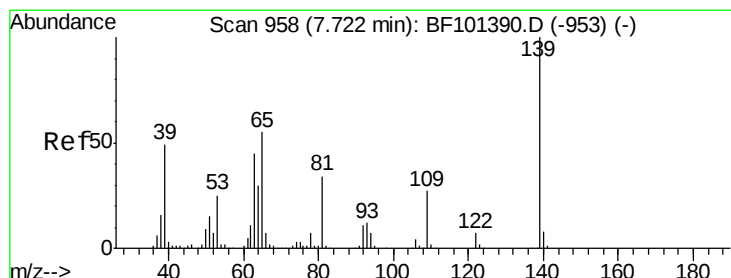
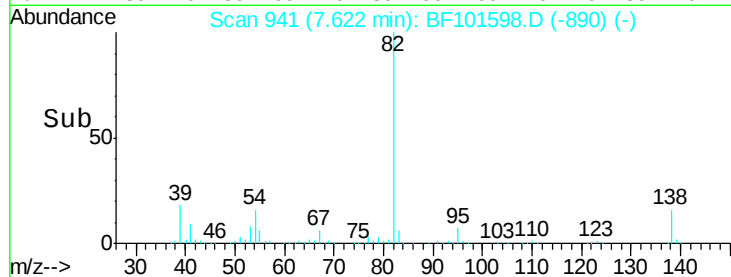
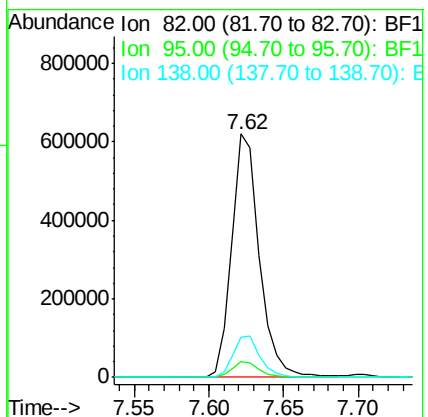
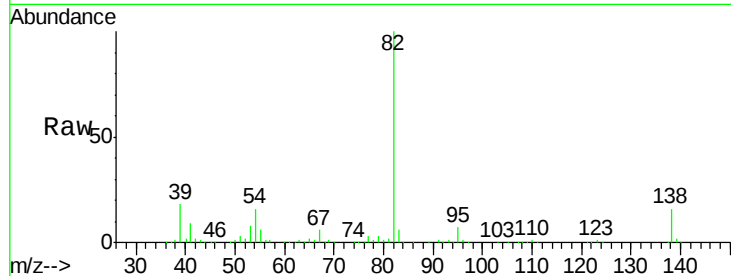
Tgt Ion: 82 Resp: 809490

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.4 14.9 22.3



#26

2-Nitrophenol

Concen: 42.649 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

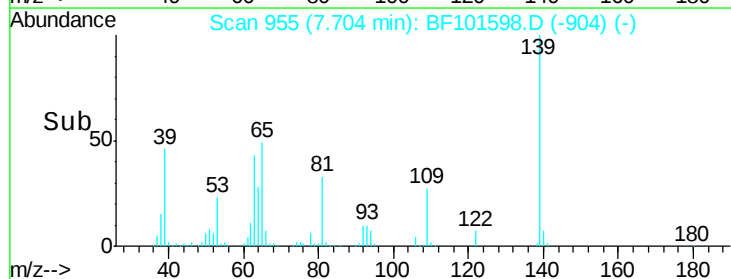
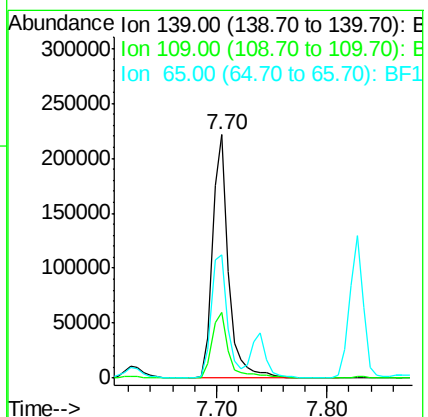
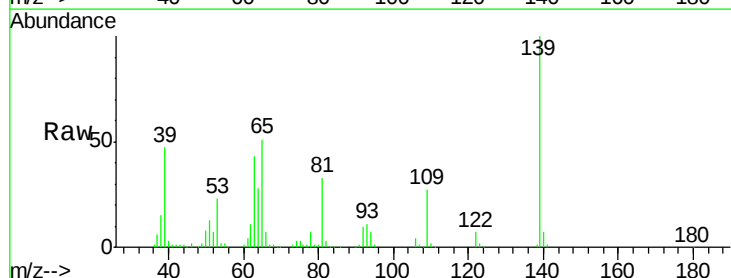
Tgt Ion: 139 Resp: 216850

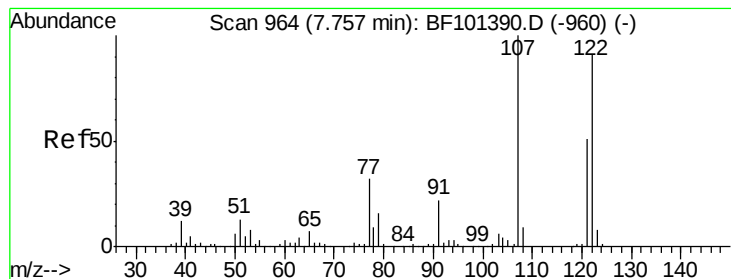
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 50.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.052 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

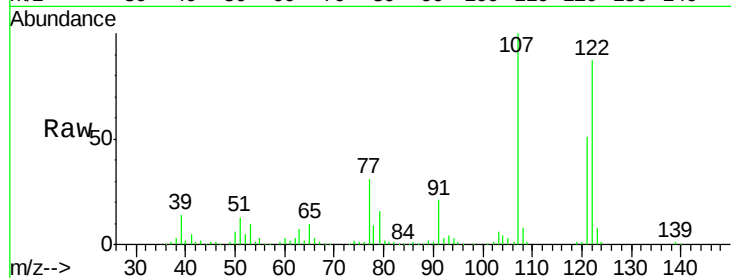
Tgt Ion: 122 Resp: 320054

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

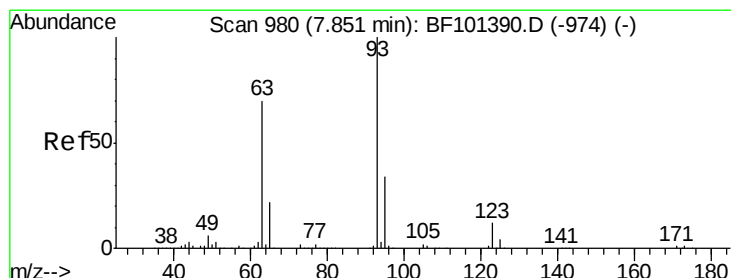
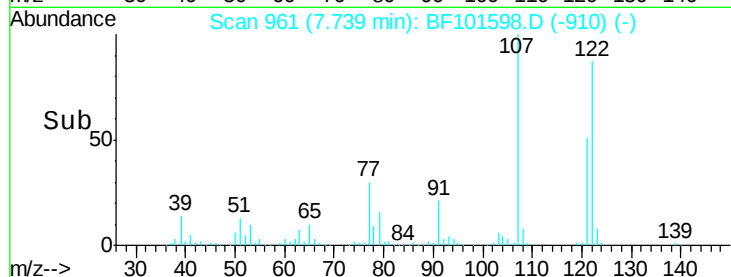
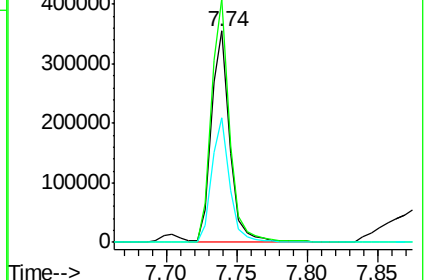
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.890 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

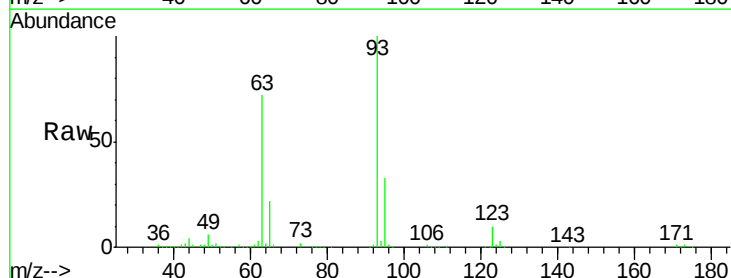
Tgt Ion: 93 Resp: 516307

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

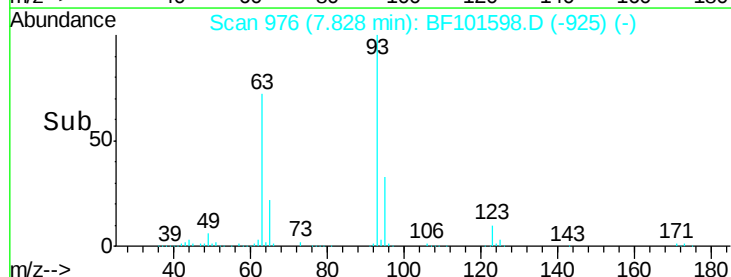
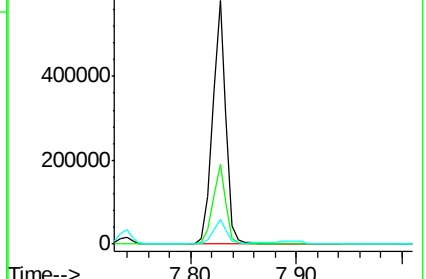
123 10.3 9.8 14.6

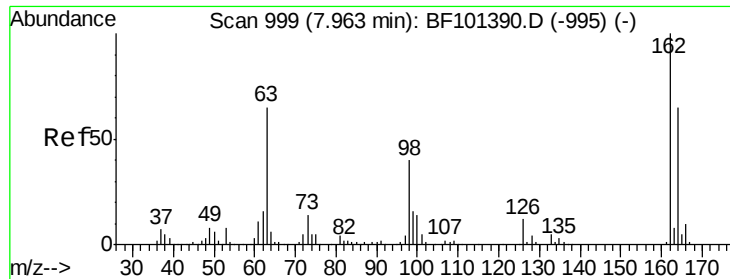


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

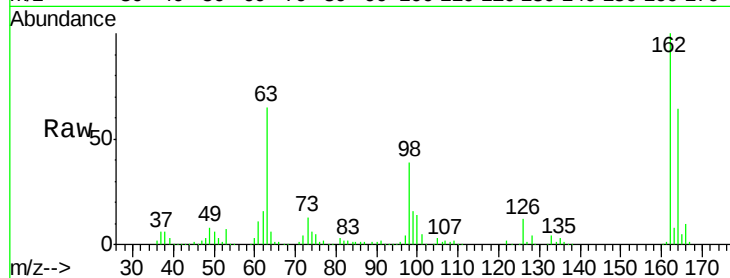




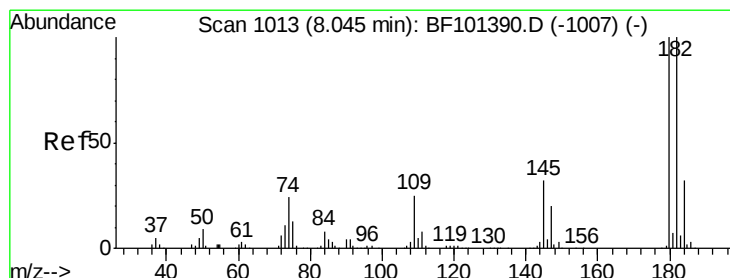
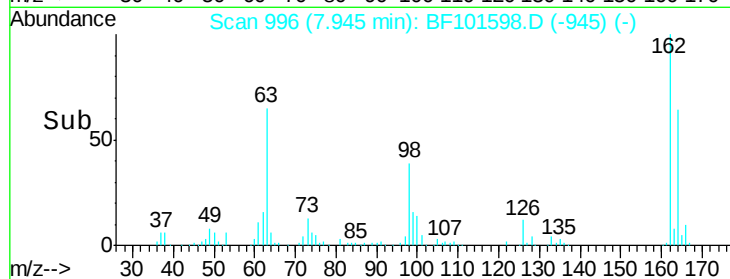
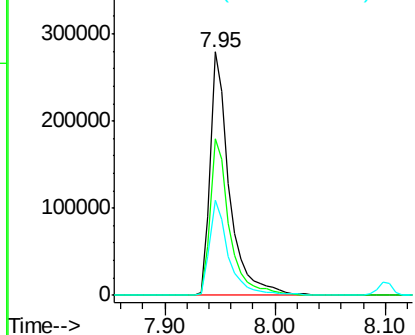
#29
2,4-Dichlorophenol
Concen: 38.783 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	39.2	18.1	58.1

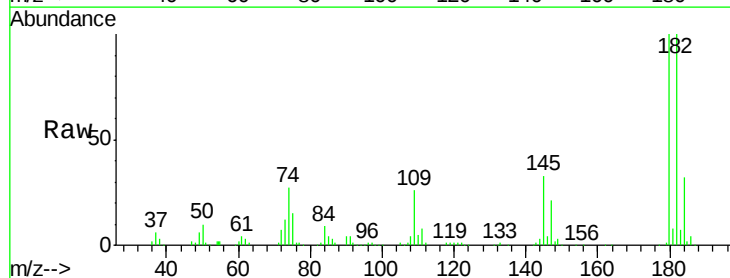


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

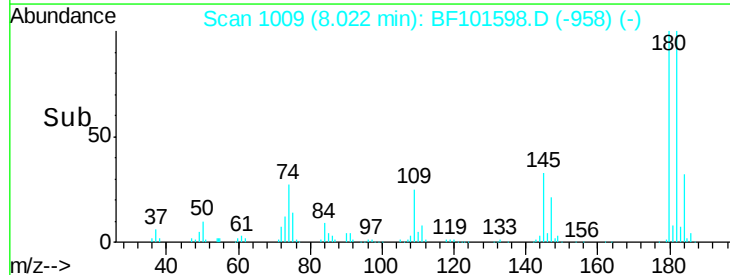
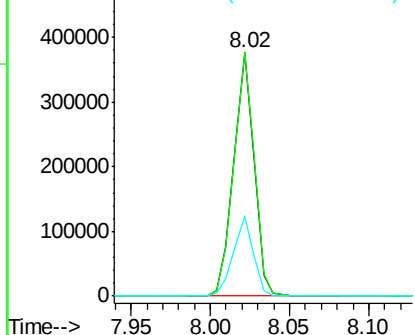


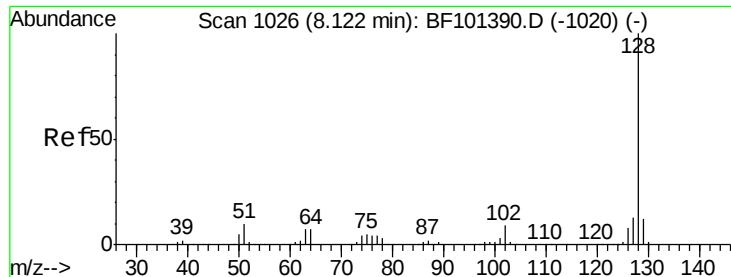
#30
1,2,4-Trichlorobenzene
Concen: 37.708 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.8	115.2
145	32.6	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

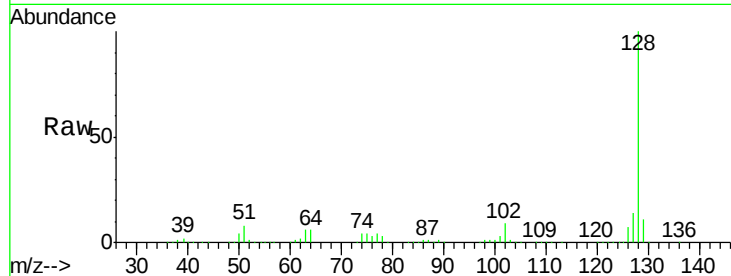




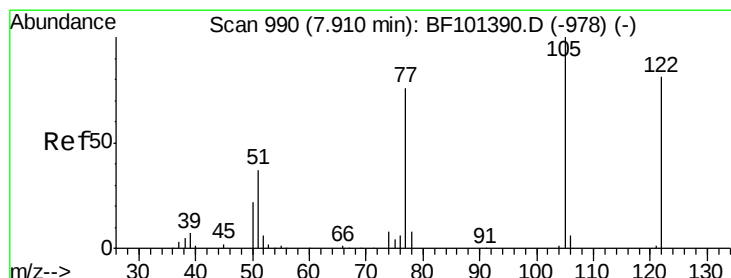
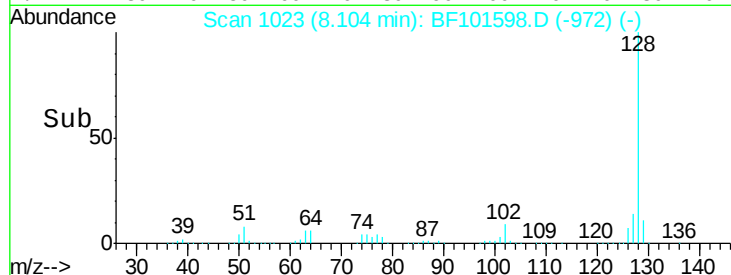
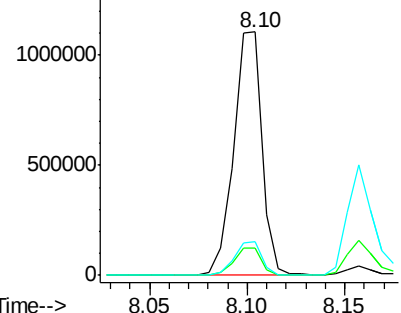
#31
Naphthalene
Concen: 37.205 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampled :

Tgt Ion:128 Resp: 1114944
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.8 10.9 16.3

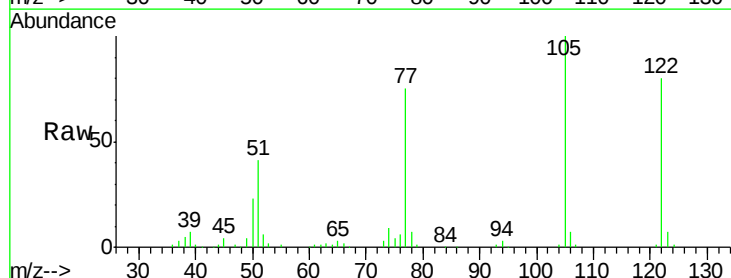


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

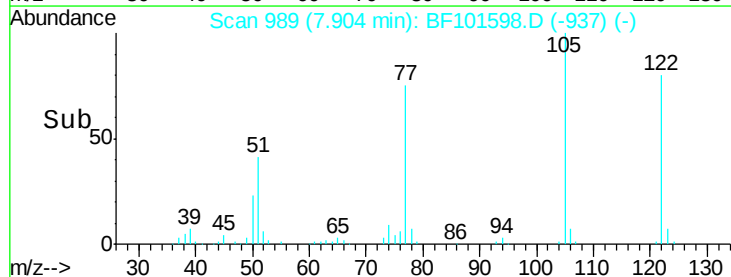
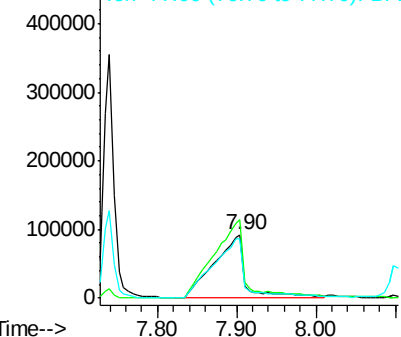


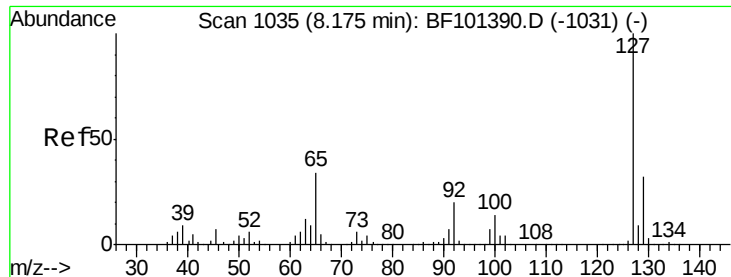
#32
Benzoic acid
Concen: 43.472 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:122 Resp: 247776
Ion Ratio Lower Upper
122 100
105 125.3 101.1 141.1
77 93.8 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

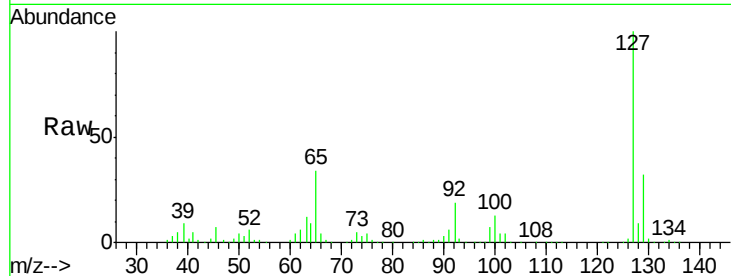




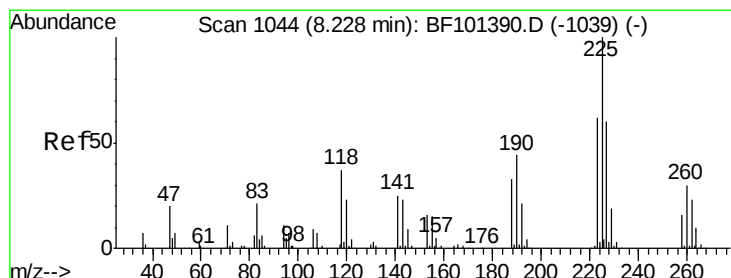
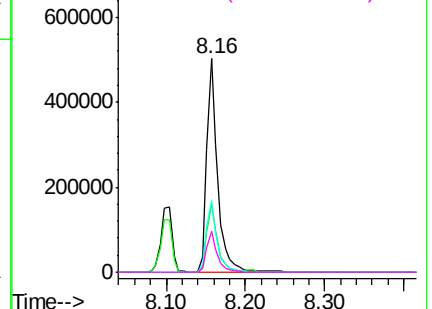
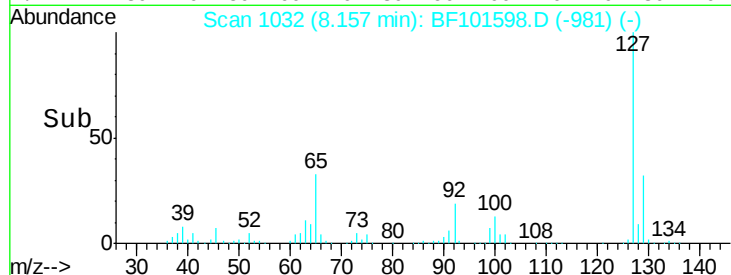
#33
4-Chloroaniline
Concen: 37.664 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	490571
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	33.6	25.0	37.4
92	19.1	15.2	22.8

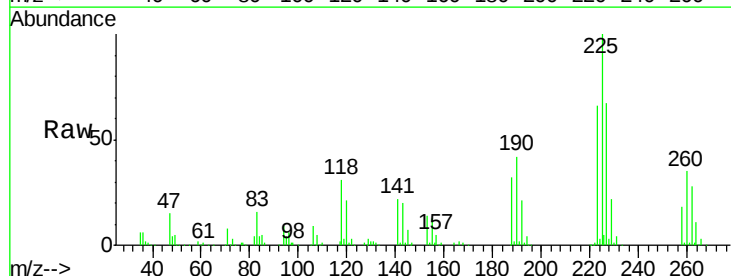


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

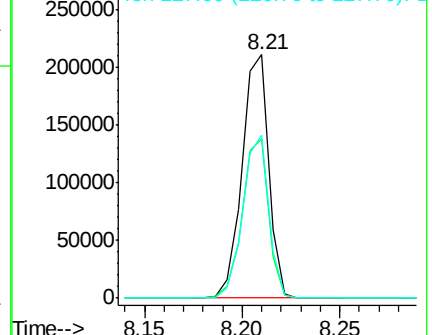
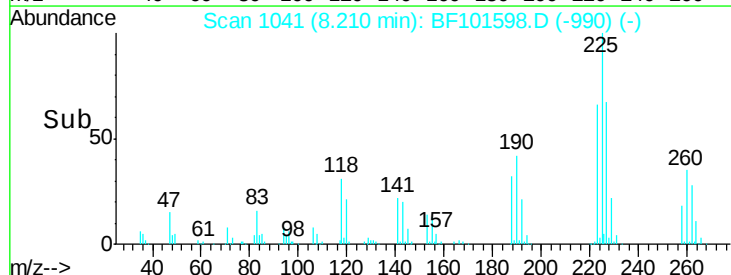


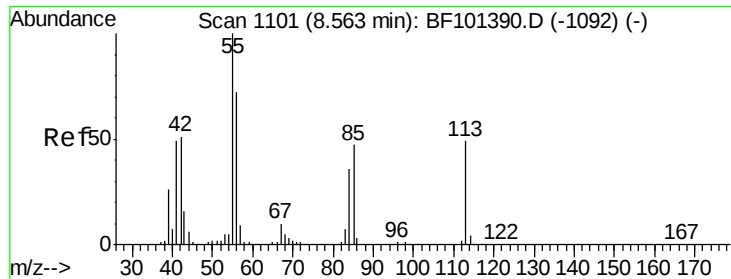
#34
Hexachlorobutadiene
Concen: 38.407 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:	225	Resp:	200051
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.6	76.0
227	67.2	51.9	77.9



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

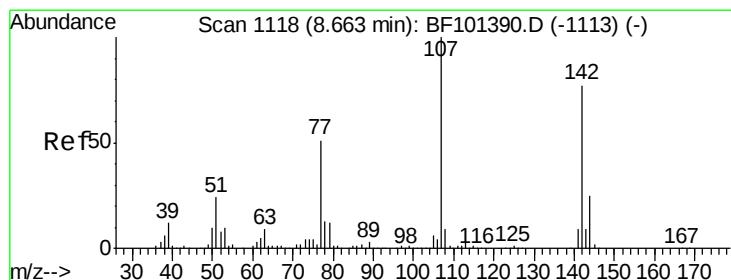
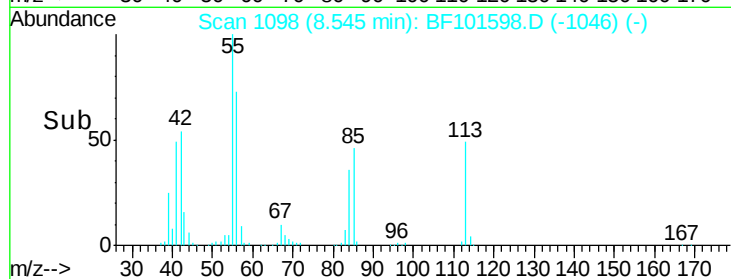
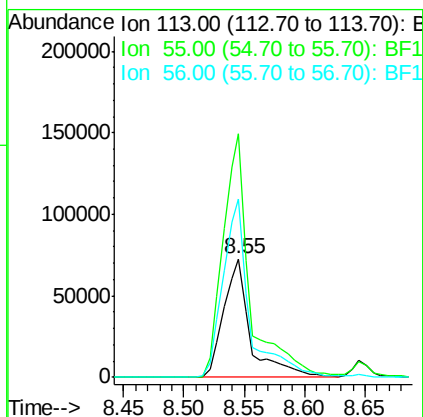
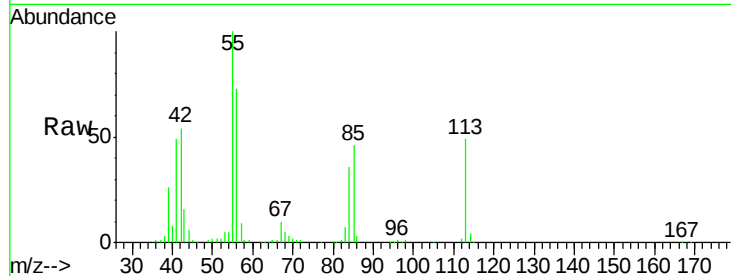




#35
 Caprolactam
 Concen: 37.859 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

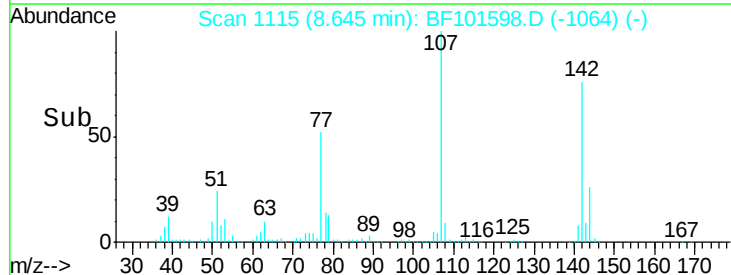
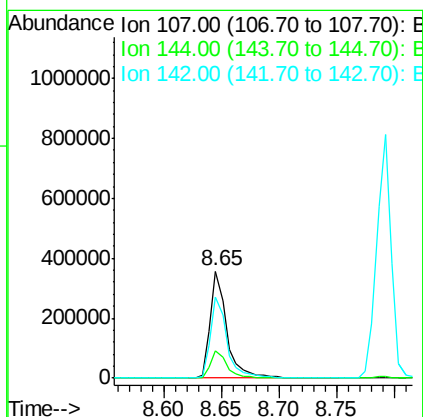
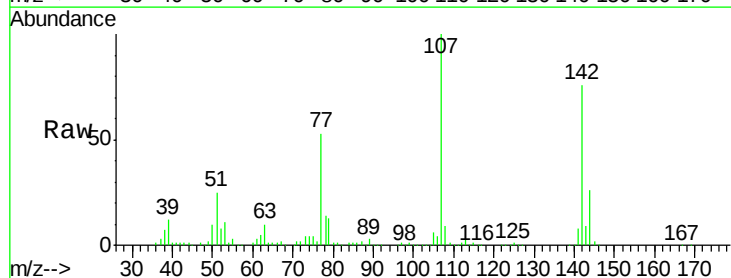
Instrument :
 BNA_F
 ClientSampleId :

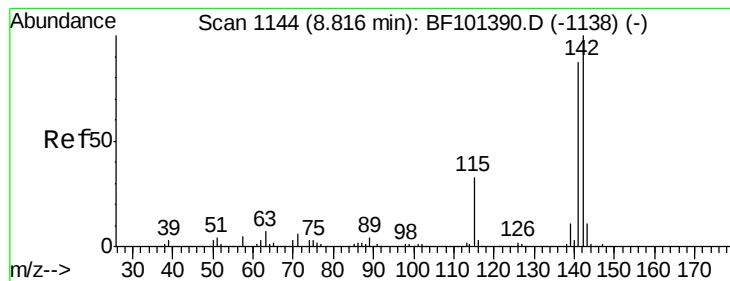
Tgt Ion:113 Resp: 112184
 Ion Ratio Lower Upper
 113 100
 55 205.6 163.3 203.3#
 56 151.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.130 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:107 Resp: 357646
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 75.5 62.0 93.0

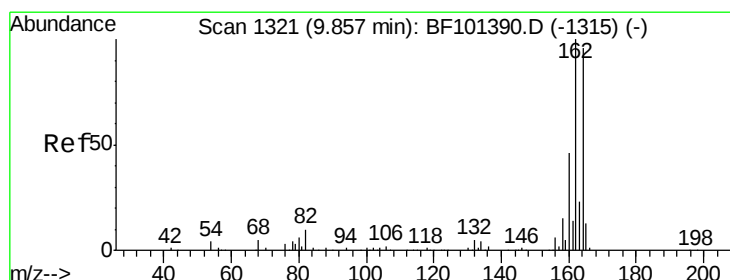
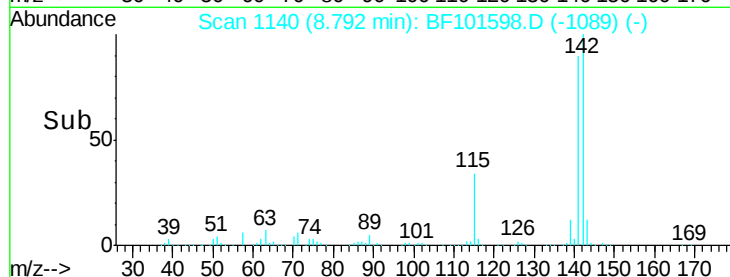
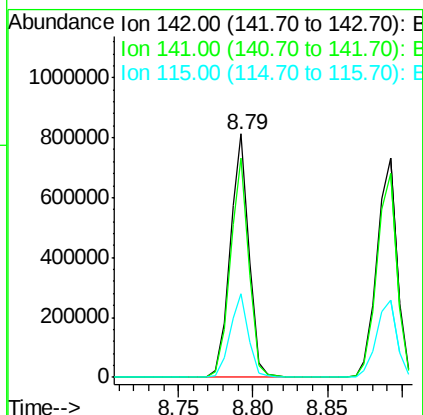
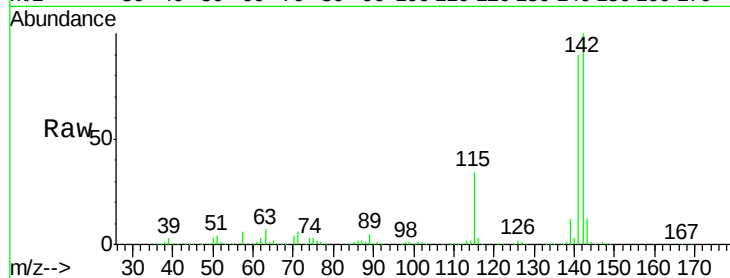




#37
 2-Methylnaphthalene
 Concen: 36.829 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

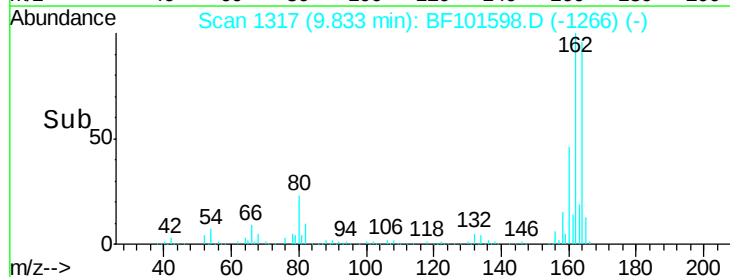
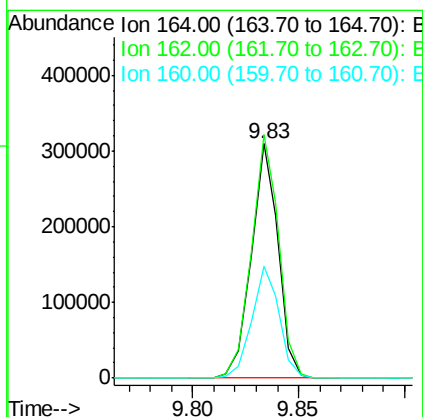
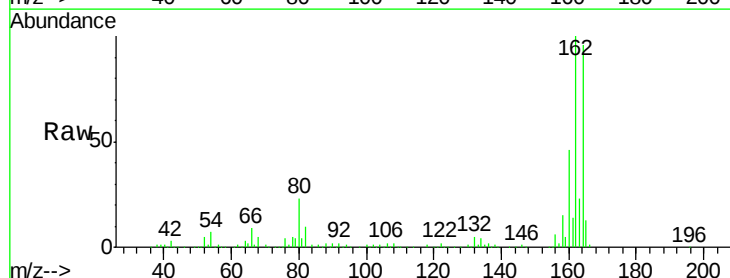
Instrument :
 BNA_F
 ClientSampleId :

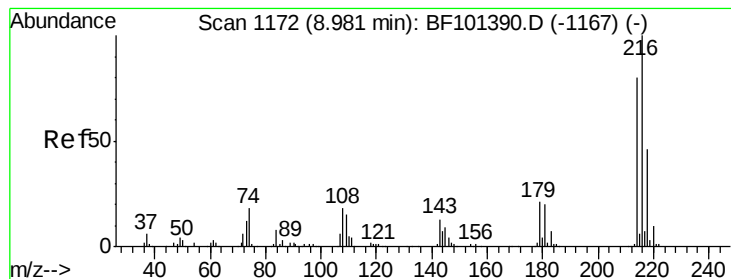
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	34.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.562 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 353362

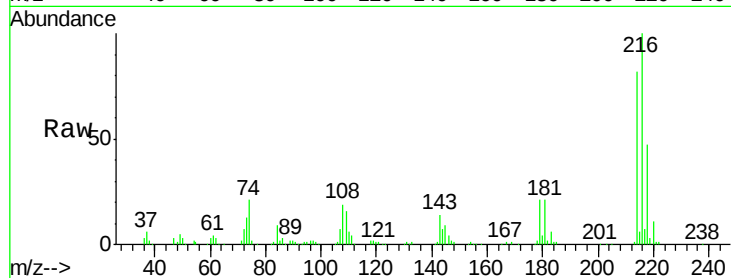
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 20.6 18.1 27.1

108 18.7 17.2 25.8

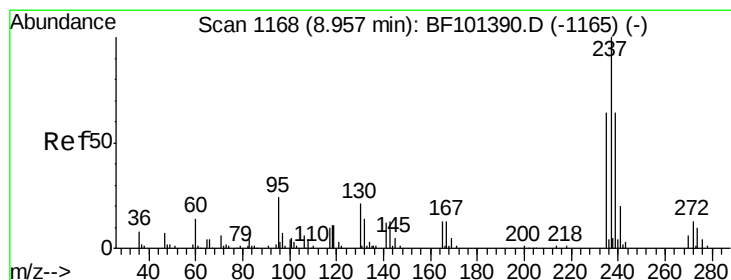
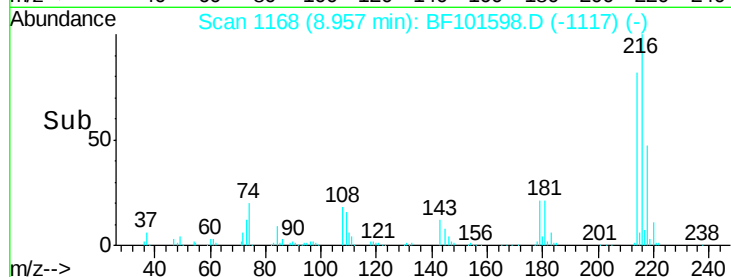
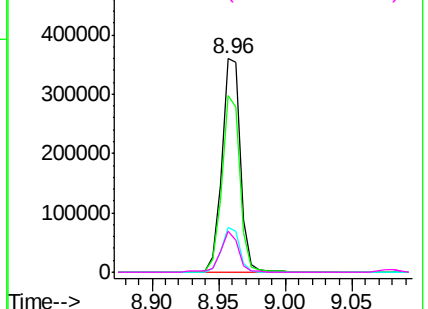


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.299 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

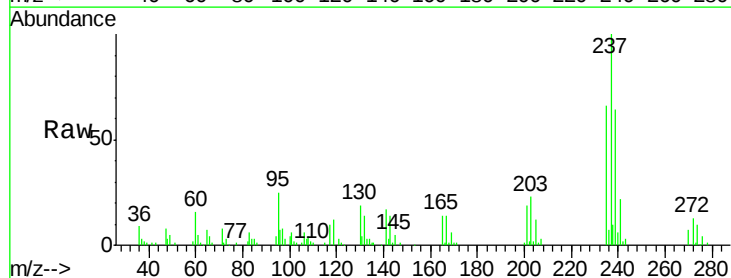
Tgt Ion:237 Resp: 57181

Ion Ratio Lower Upper

237 100

235 66.0 44.8 84.8

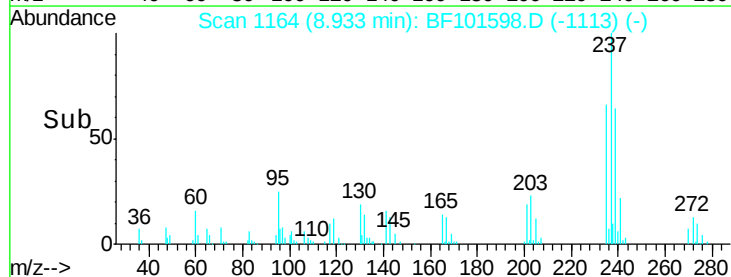
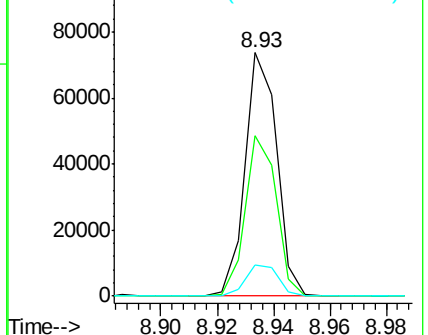
272 13.0 0.0 33.3

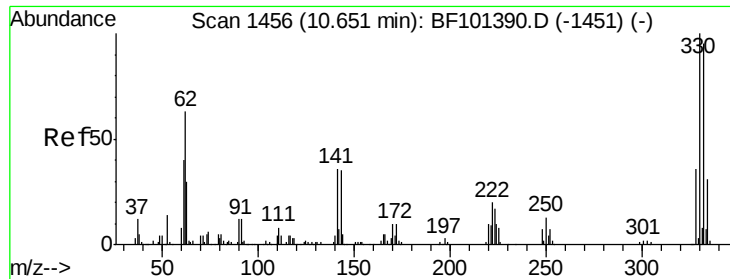


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

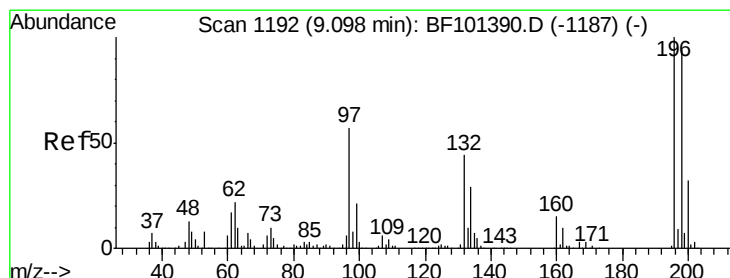
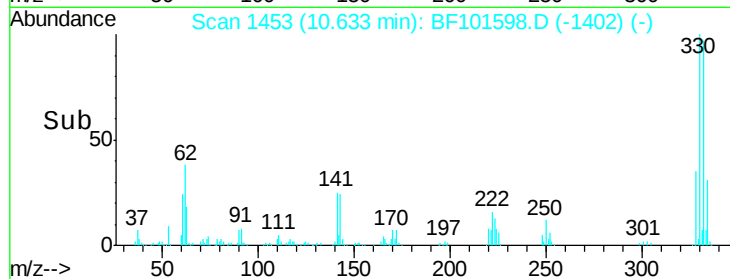
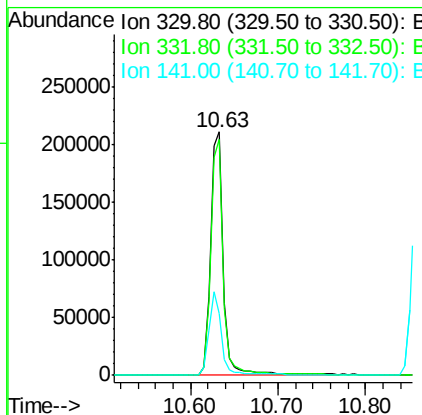
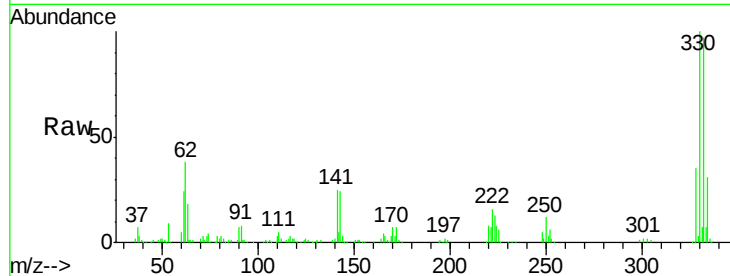




#41
 2,4,6-Tribromophenol
 Concen: 82.145 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

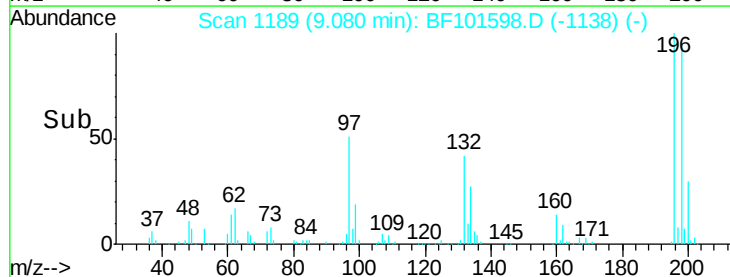
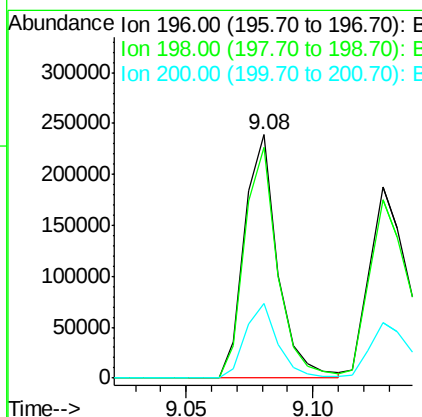
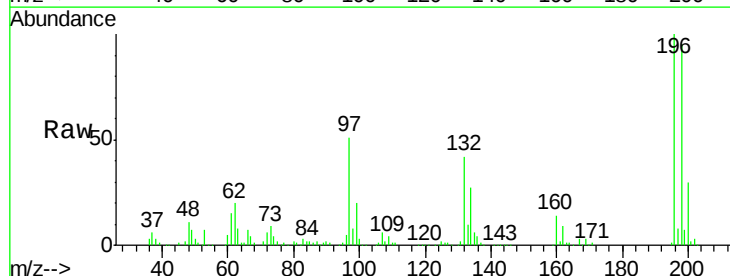
Instrument :
 BNA_F
 ClientSampled :

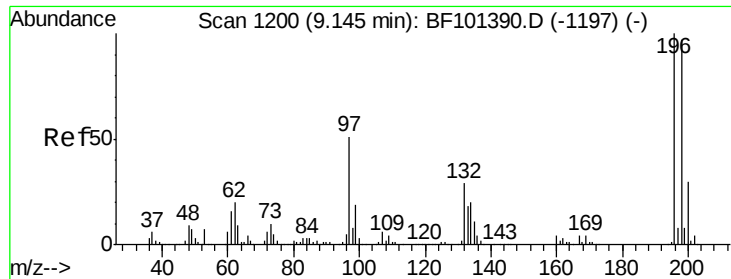
Tgt Ion:330 Resp: 214827
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.526 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:196 Resp: 218049
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 30.4 24.5 36.7

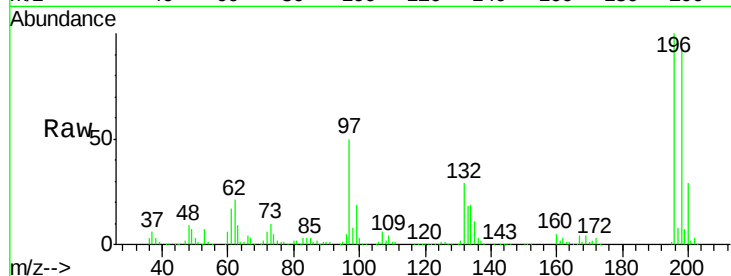




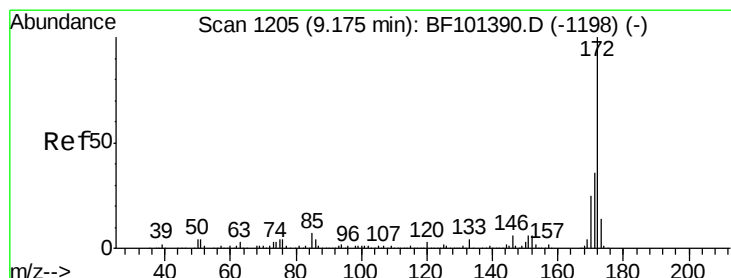
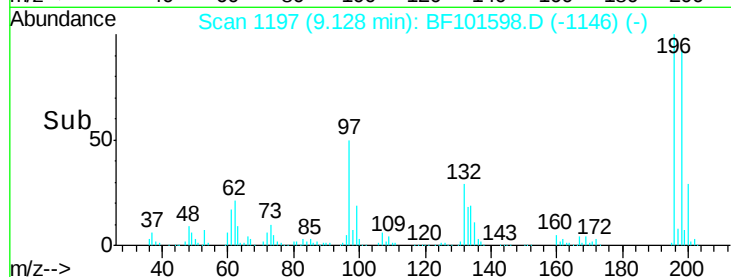
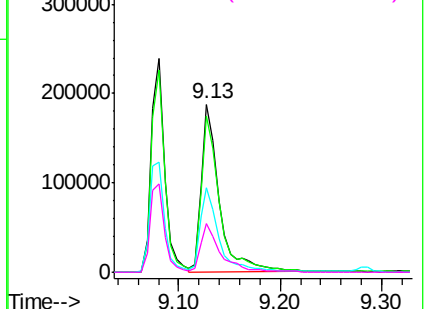
#43
 2,4,5-Trichlorophenol
 Concen: 38.502 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	196	Resp:	232569
Ion	Ratio	Lower	Upper
196	100		
198	93.1	74.6	112.0
97	50.0	42.9	64.3
132	28.9	26.3	39.5

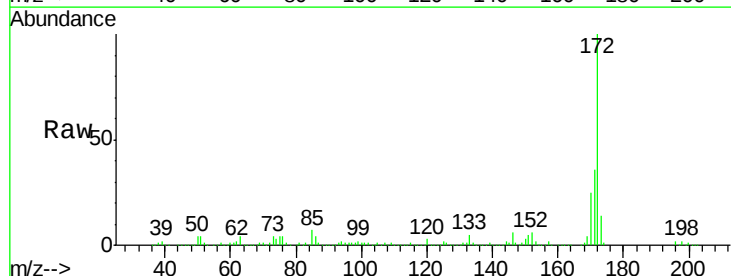


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

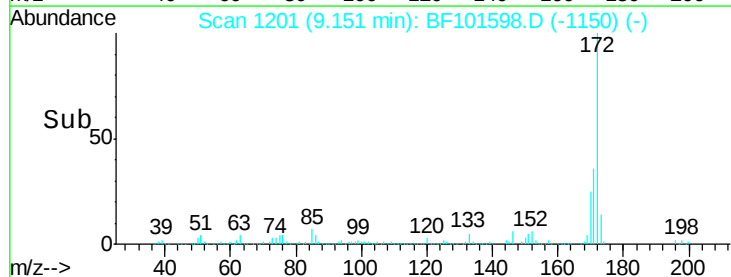
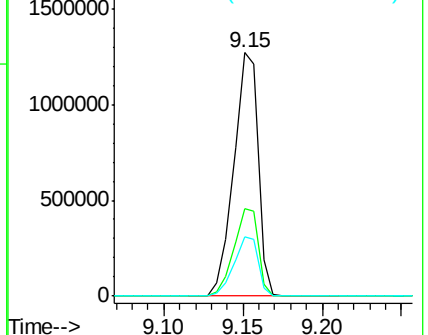


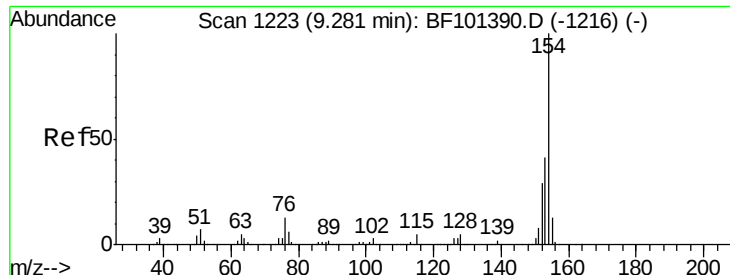
#44
 2-Fluorobiphenyl
 Concen: 77.381 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:	172	Resp:	1353866
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	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

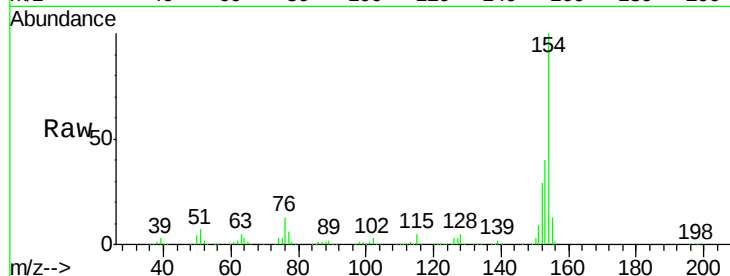




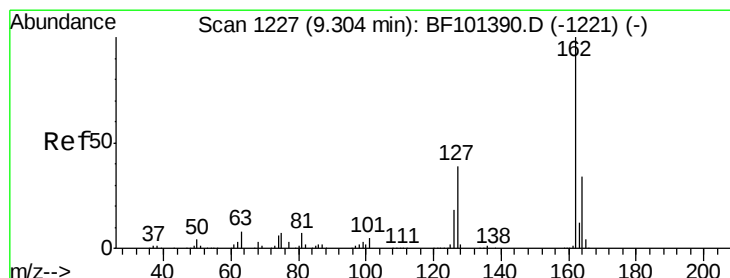
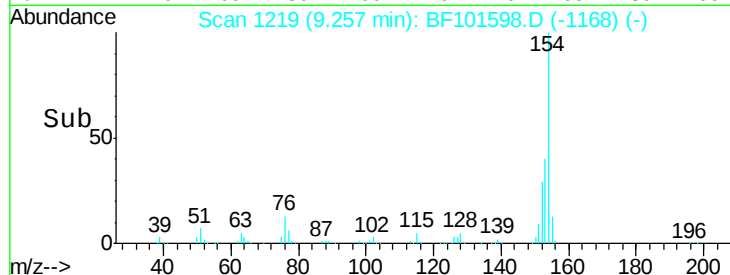
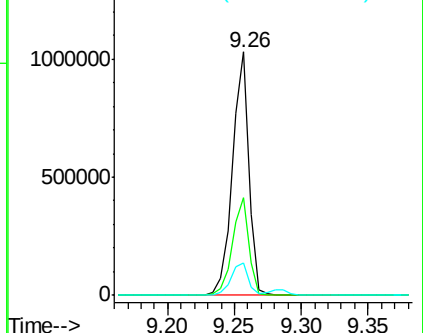
#45
 1,1'-Biphenyl
 Concen: 37.205 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:	154	Resp:	895521
Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	13.2	0.0	34.0

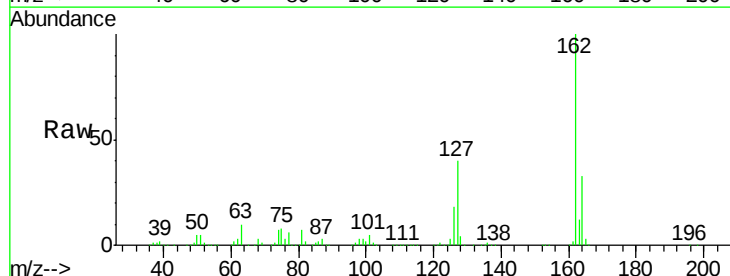


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

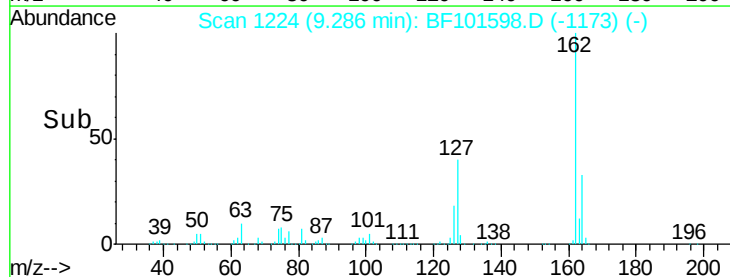
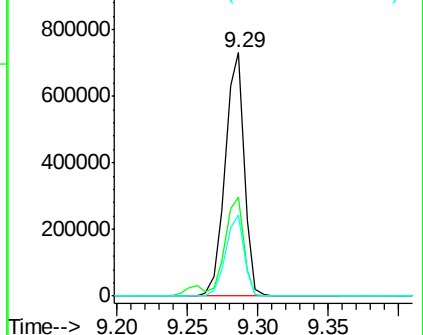


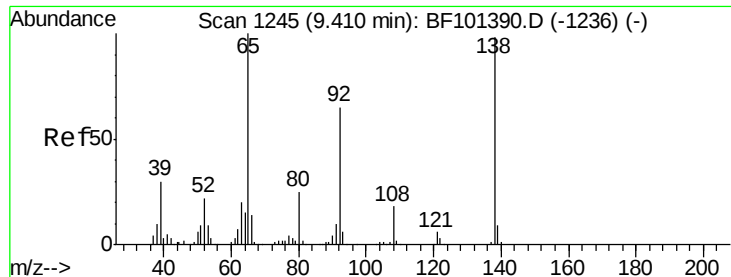
#46
 2-Chloronaphthalene
 Concen: 37.226 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:	162	Resp:	685589
Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.5	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: 40.691 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

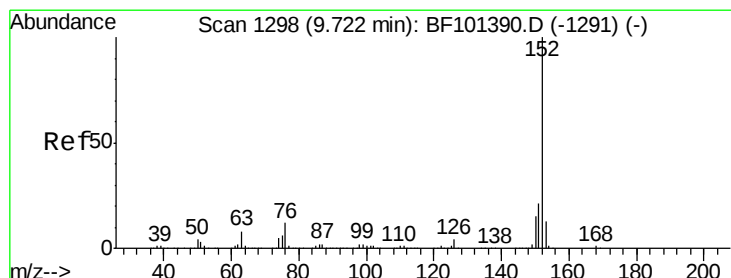
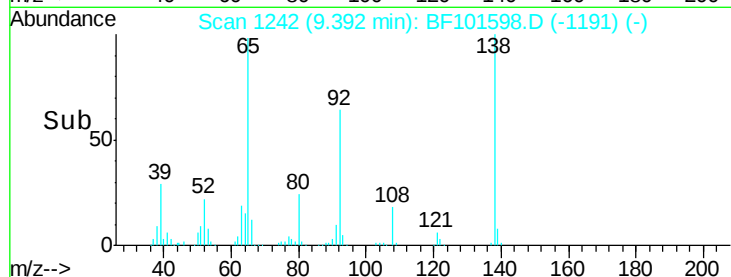
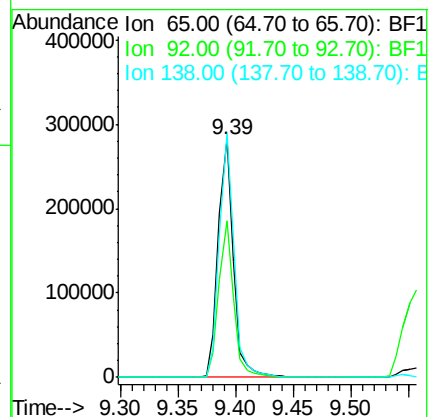
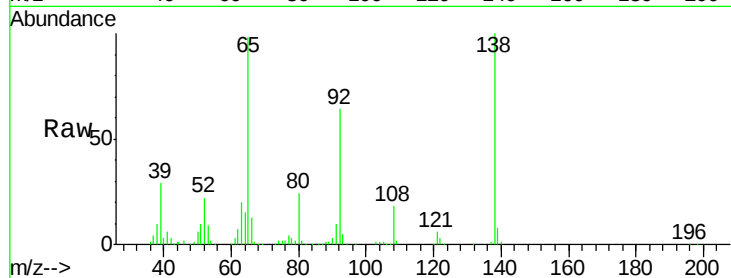
Tgt Ion: 65 Resp: 258889

Ion Ratio Lower Upper

65 100

92 65.5 55.8 83.6

138 102.2 91.2 136.8



#48

Acenaphthylene

Concen: 36.240 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

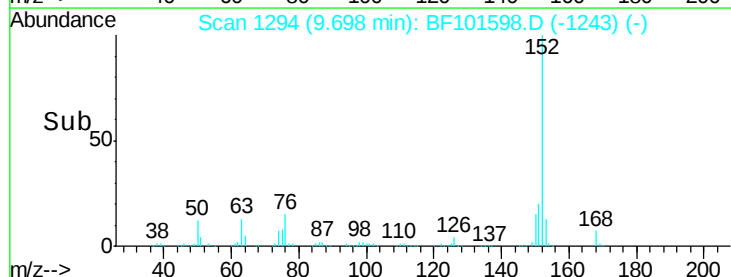
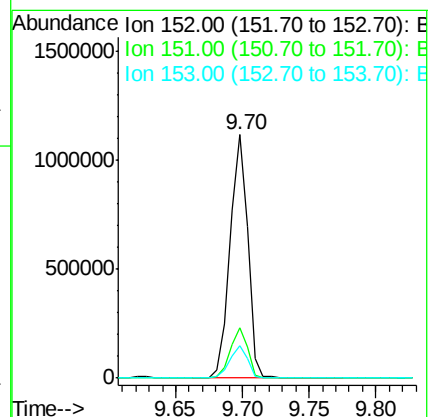
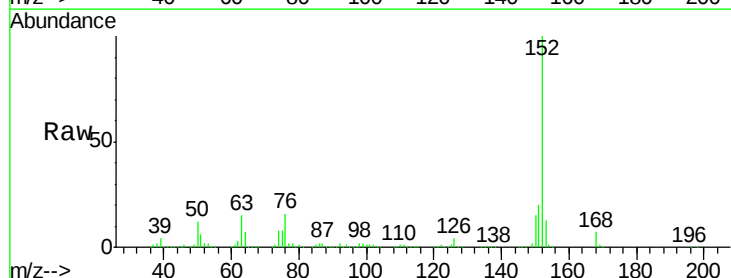
Tgt Ion: 152 Resp: 1054210

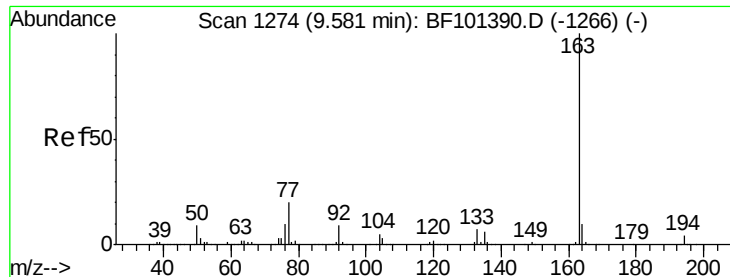
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.2 10.7 16.1

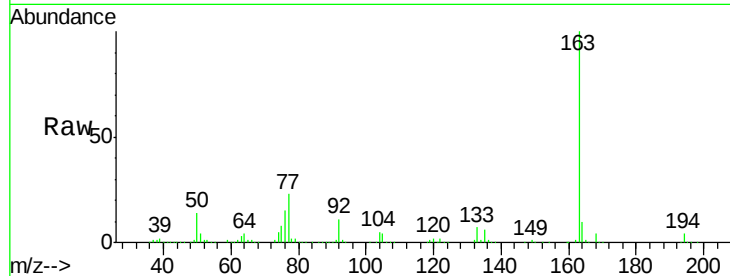




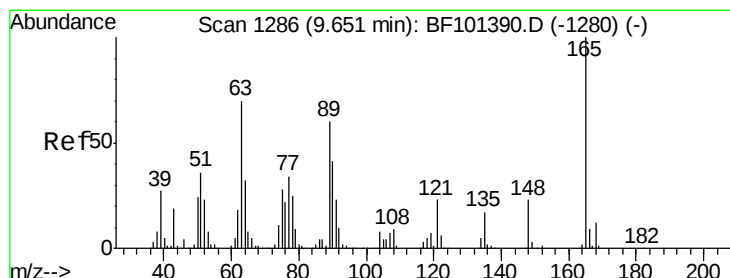
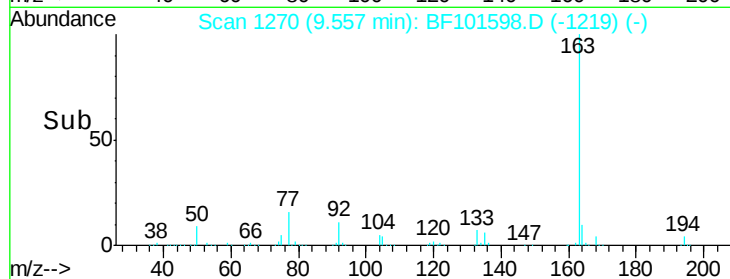
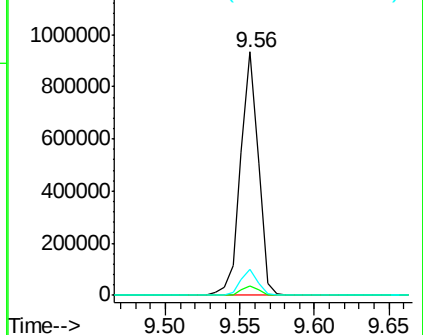
#49
Dimethylphthalate
Concen: 35.717 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 779732
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

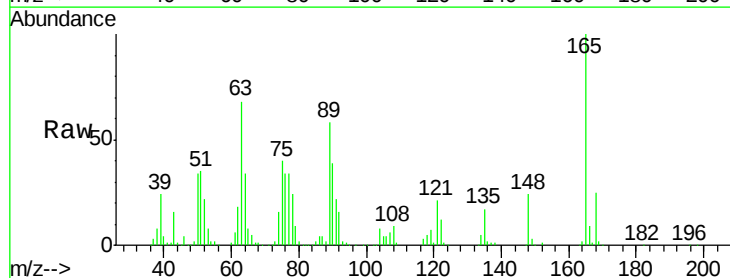


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

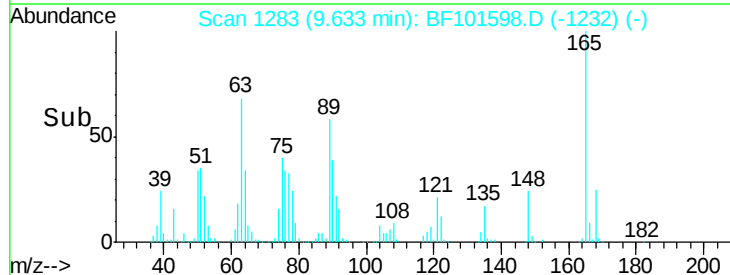
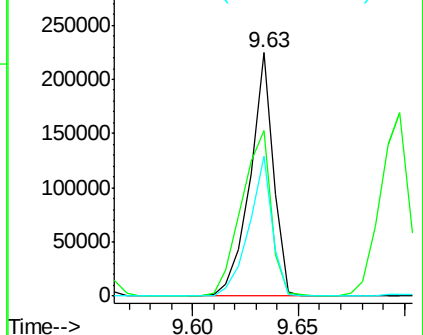


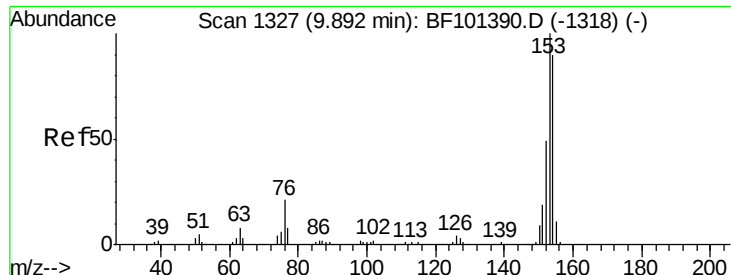
#50
2,6-Dinitrotoluene
Concen: 38.941 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:165 Resp: 172780
Ion Ratio Lower Upper
165 100
63 68.2 44.7 67.1#
89 57.5 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

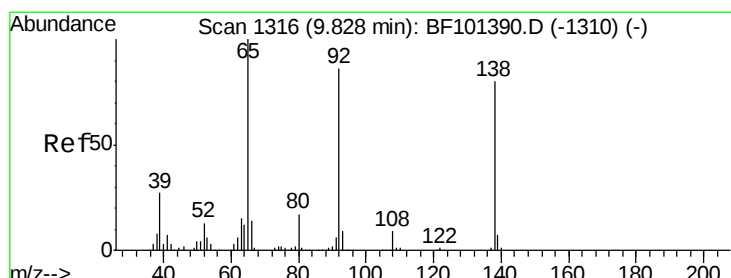
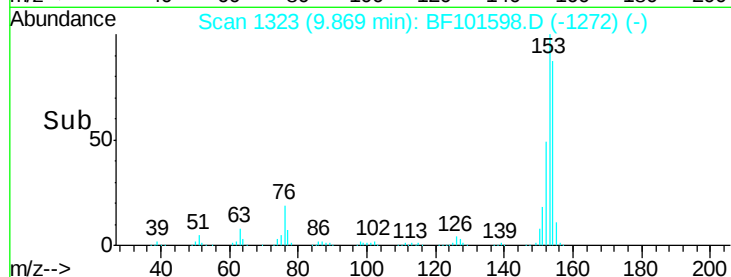
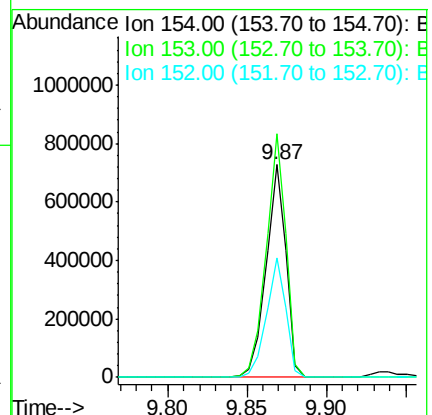
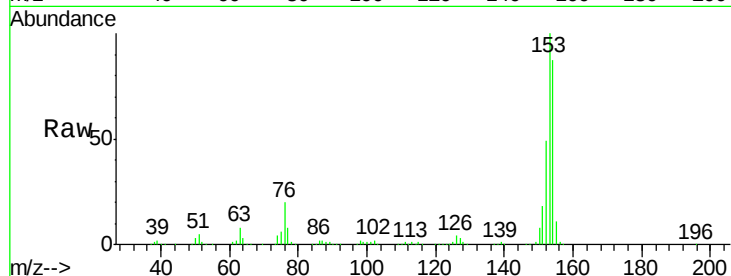




#51
Acenaphthene
Concen: 36.798 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

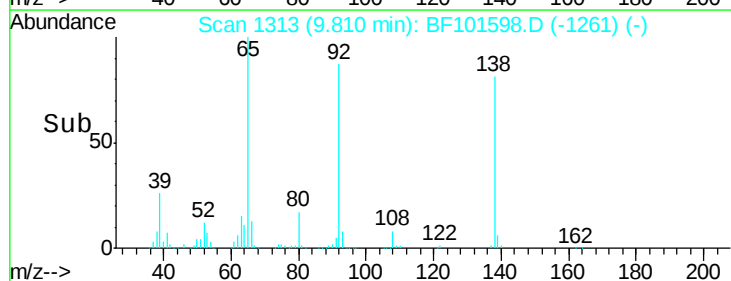
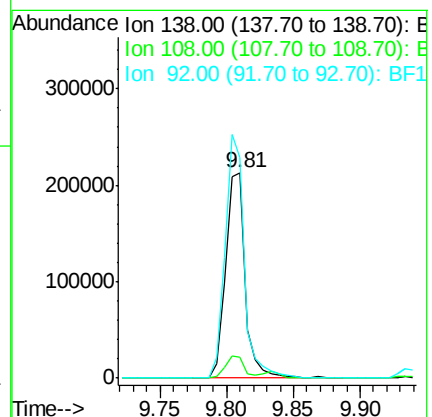
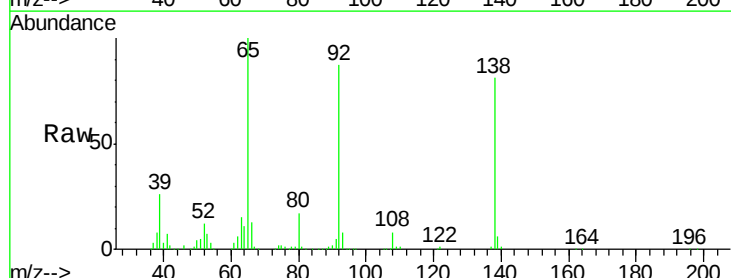
Instrument :
BNA_F
ClientSampleId :

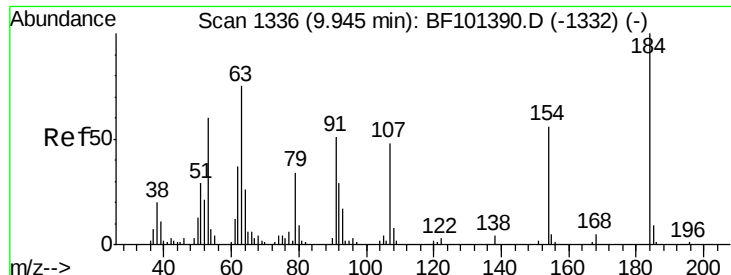
Tgt Ion:154 Resp: 643109
Ion Ratio Lower Upper
154 100
153 114.5 91.2 136.8
152 56.0 43.8 65.8



#52
3-Nitroaniline
Concen: 40.013 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:138 Resp: 221348
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 107.4 89.4 134.2

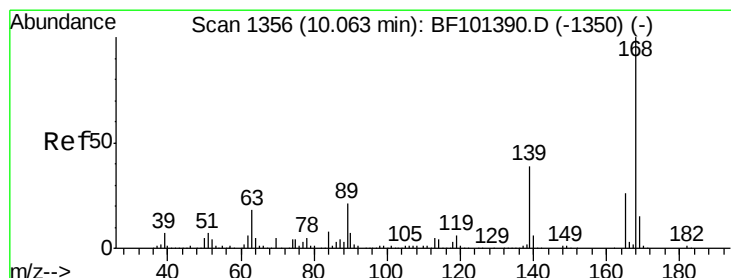
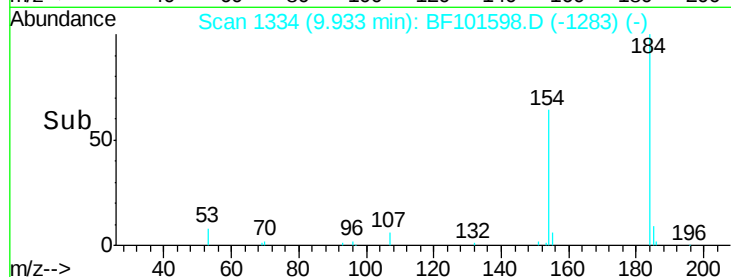
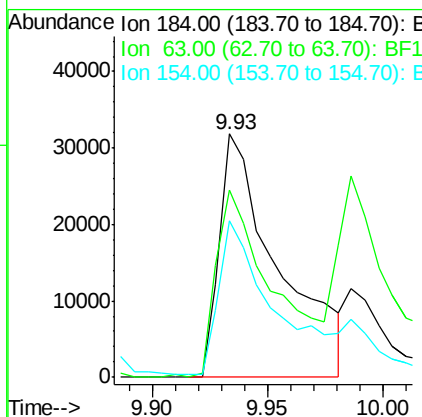
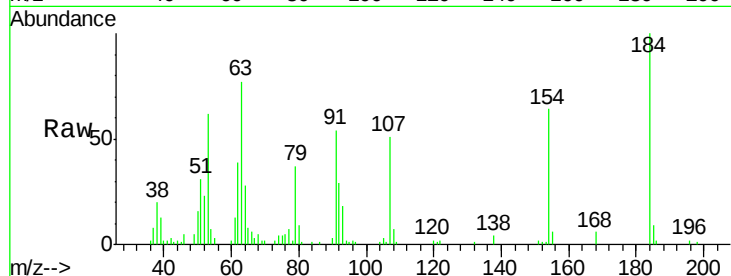




#53
2,4-Dinitrophenol
Concen: 42.121 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

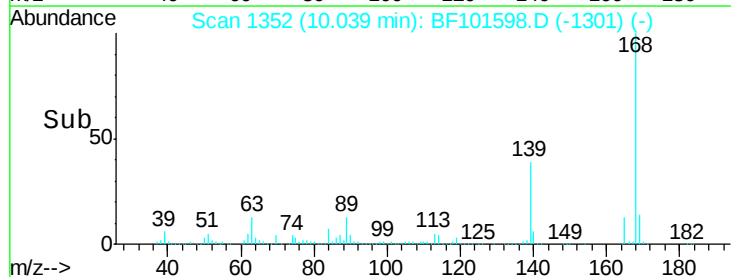
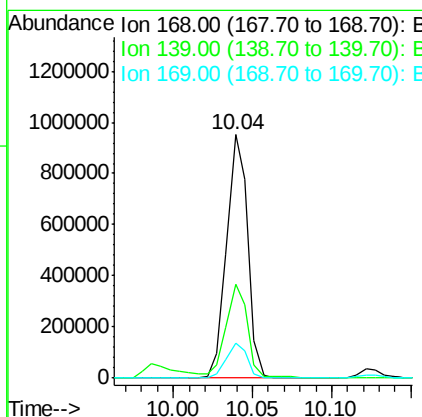
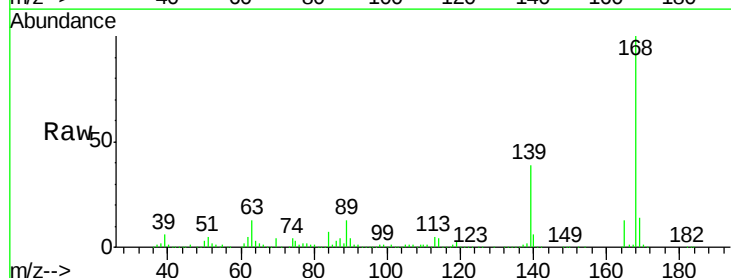
Instrument :
BNA_F
ClientSampleId :

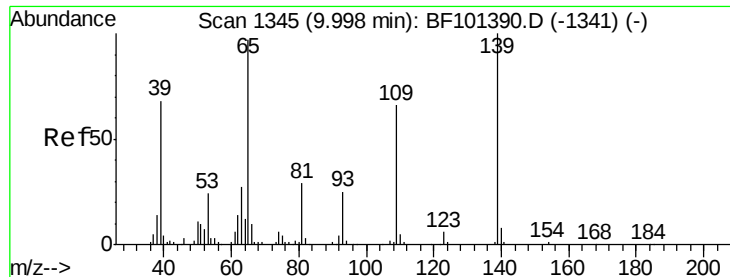
Tgt Ion:184 Resp: 56423
Ion Ratio Lower Upper
184 100
63 76.9 54.2 81.2
154 64.3 184.0 276.0#



#54
Dibenzofuran
Concen: 39.471 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:168 Resp: 876664
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.3 10.9 16.3

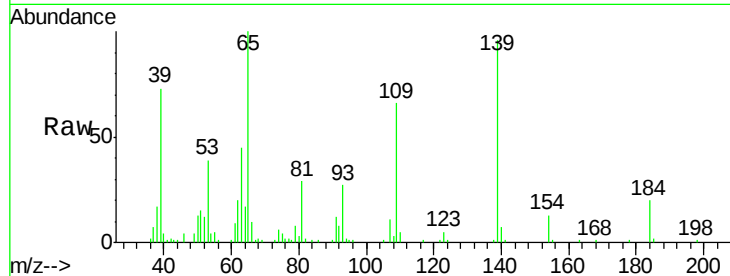




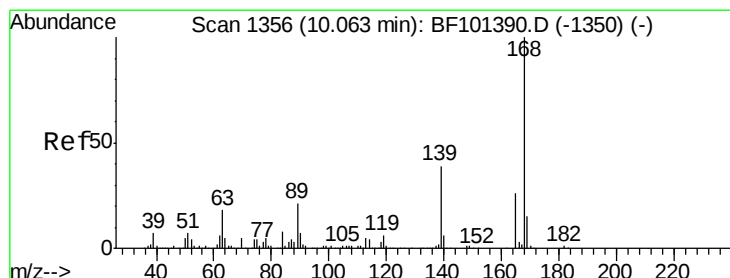
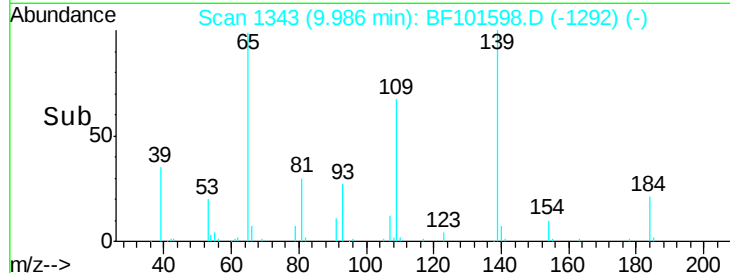
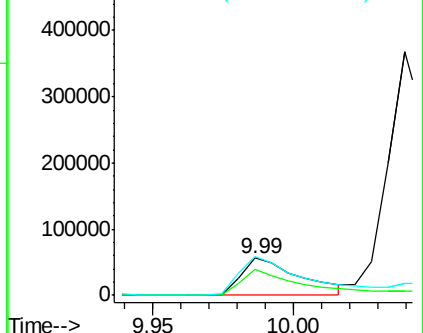
#55
4-Nitrophenol
Concen: 33.040 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 79696
Ion Ratio Lower Upper
139 100
109 68.5 48.4 88.4
65 104.5 72.6 112.6

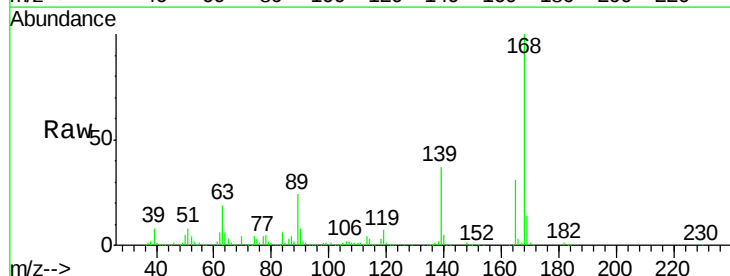


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

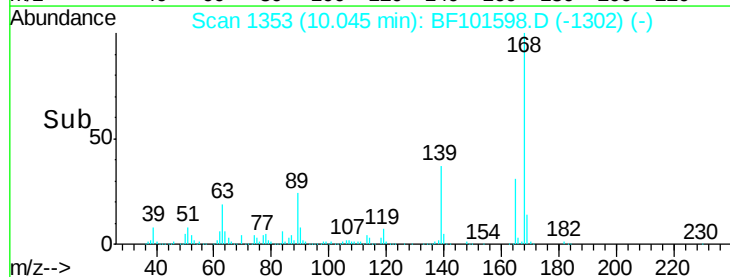
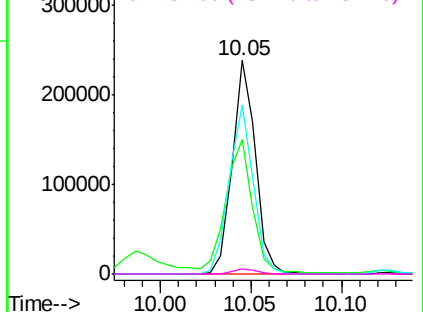


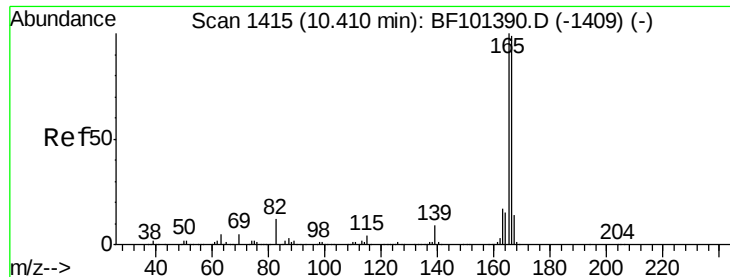
#56
2,4-Dinitrotoluene
Concen: 42.434 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:165 Resp: 212132
Ion Ratio Lower Upper
165 100
63 63.0 36.4 54.6#
89 79.2 57.8 86.6
182 2.5 1.6 2.4#



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

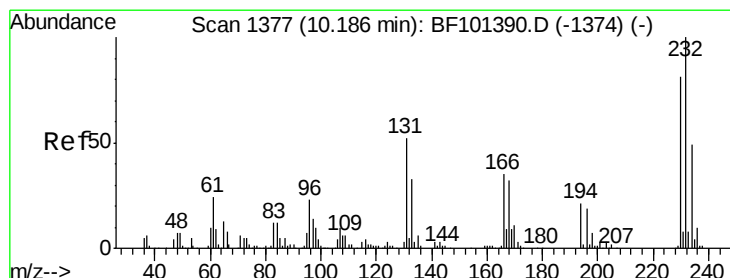
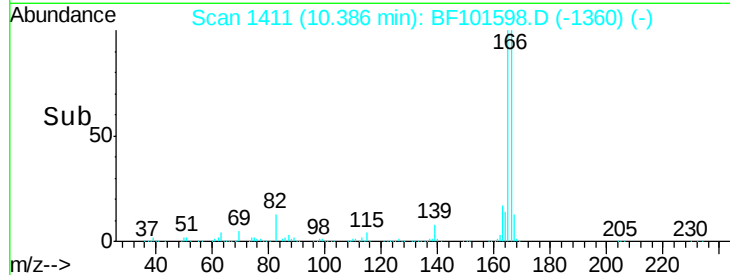
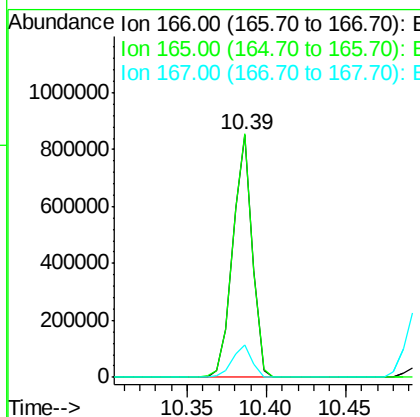
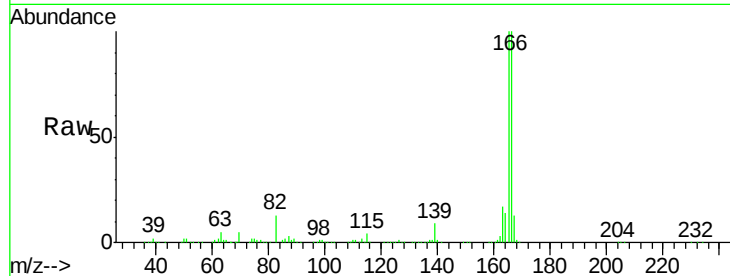




#57
 Fluorene
 Concen: 38.545 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

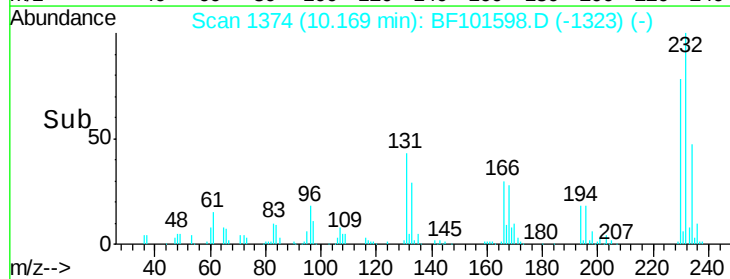
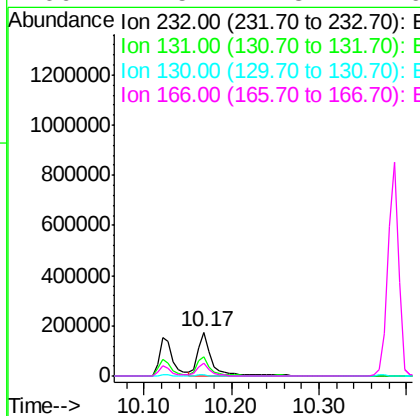
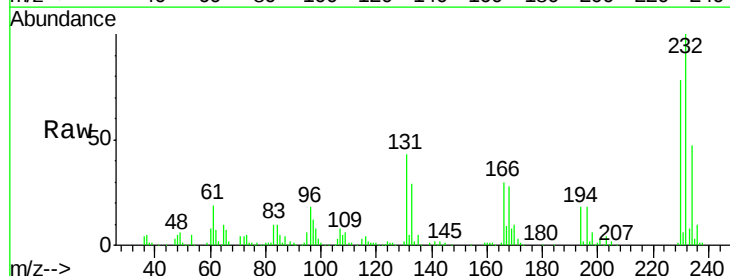
Instrument :
 BNA_F
 ClientSampleId :

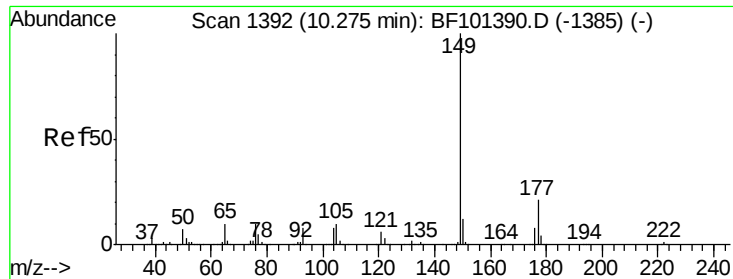
Tgt Ion:166 Resp: 724214
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.036 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:232 Resp: 186766
 Ion Ratio Lower Upper
 232 100
 131 44.1 43.8 65.8
 130 2.2 2.1 3.1
 166 27.5 27.8 41.6#

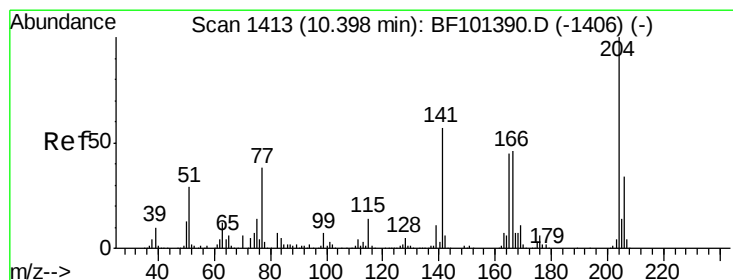
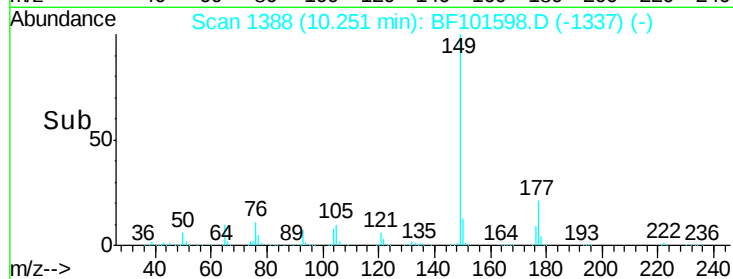
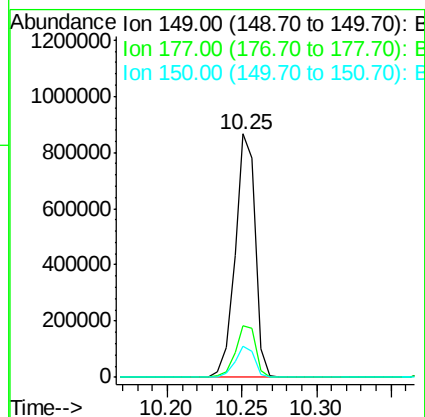
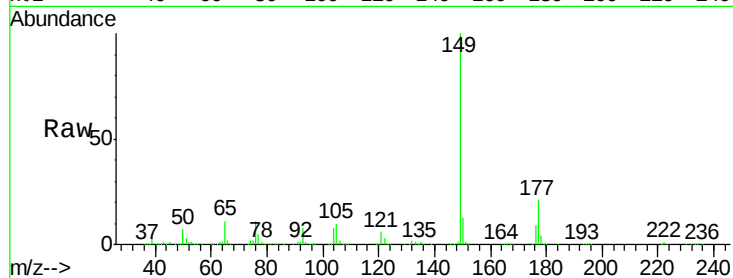




#59
Diethylphthalate
Concen: 37.955 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

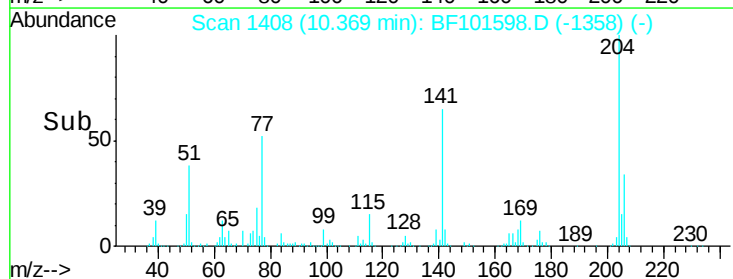
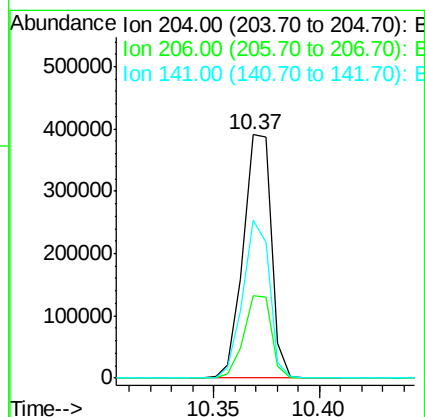
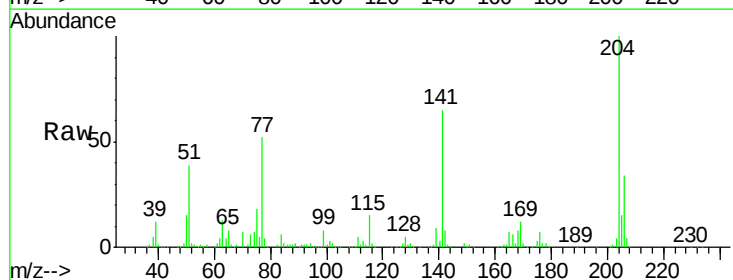
Instrument :
BNA_F
ClientSampleId :

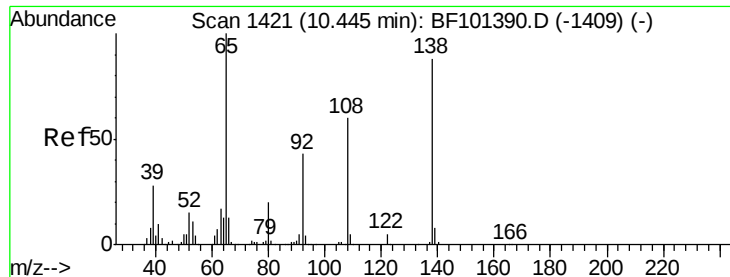
Tgt Ion:149 Resp: 820545
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.016 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:204 Resp: 360329
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 65.0 54.6 81.8

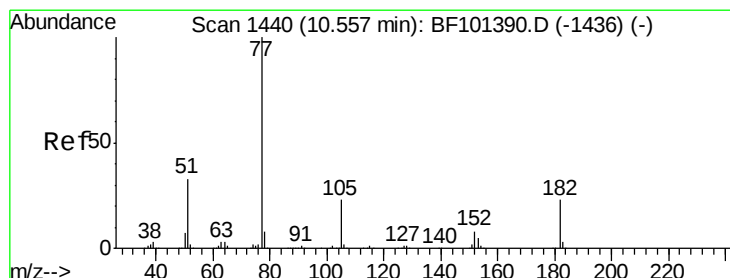
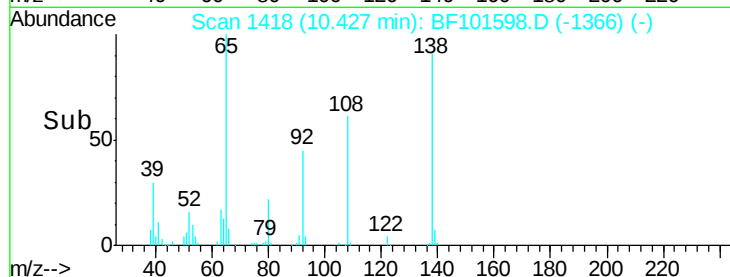
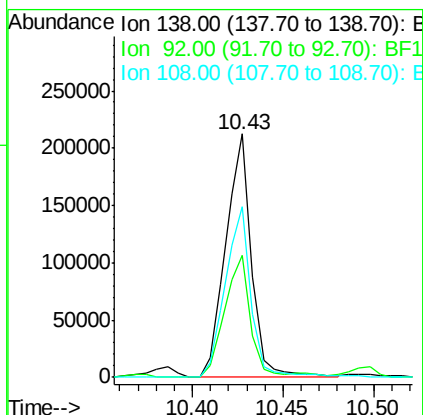
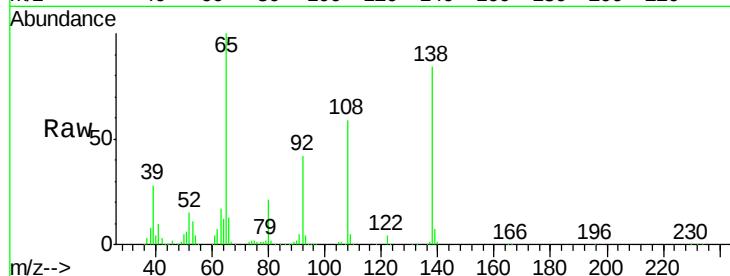




#61
4-Nitroaniline
Concen: 37.879 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

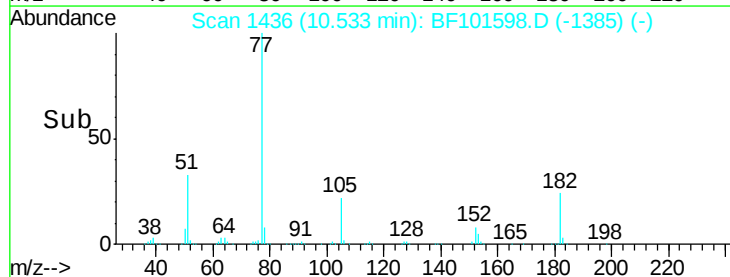
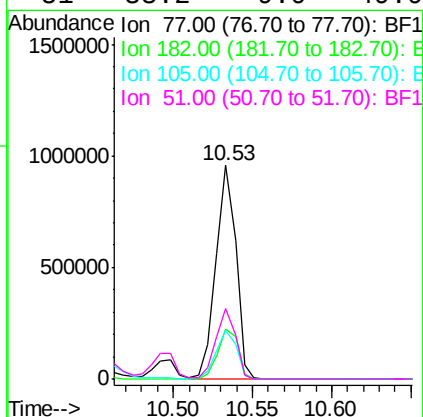
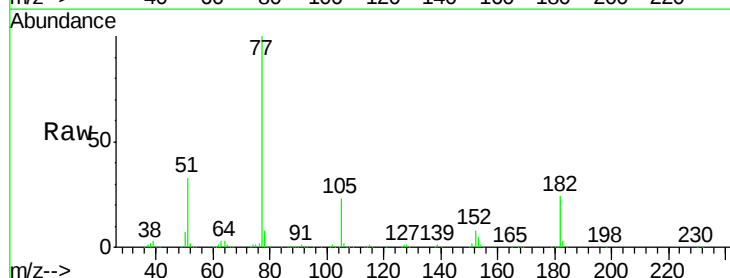
Instrument :
BNA_F
ClientSampled :

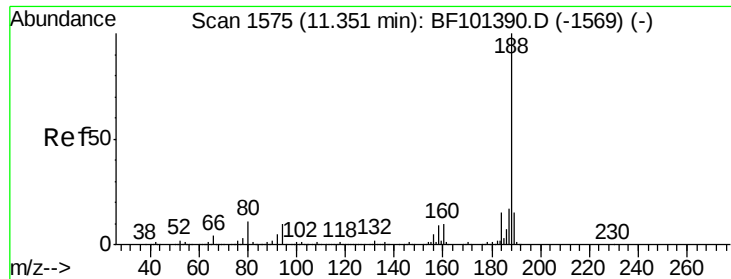
Tgt Ion: 138 Resp: 210623
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 70.0 52.5 92.5



#62
Azobenzene
Concen: 37.619 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion: 77 Resp: 842495
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 22.7 3.0 43.0
51 33.2 9.9 49.9

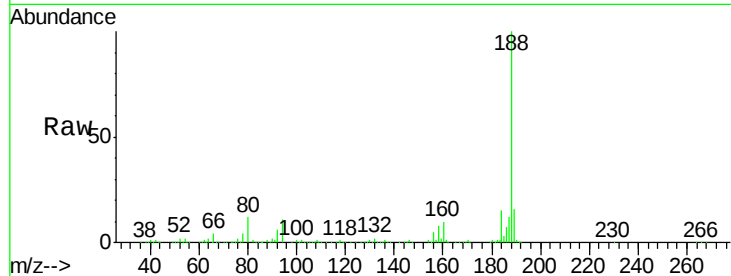




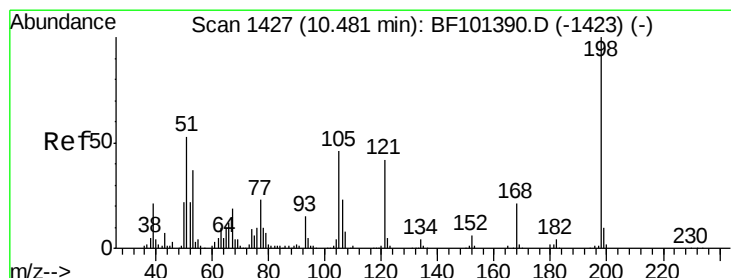
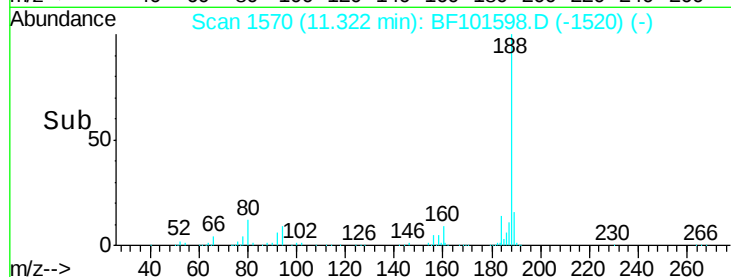
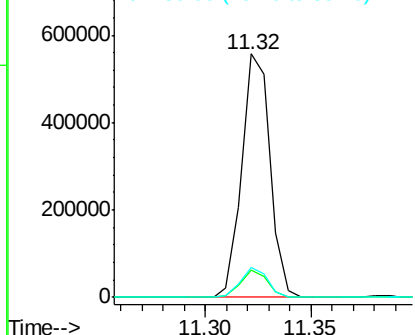
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 516404
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8

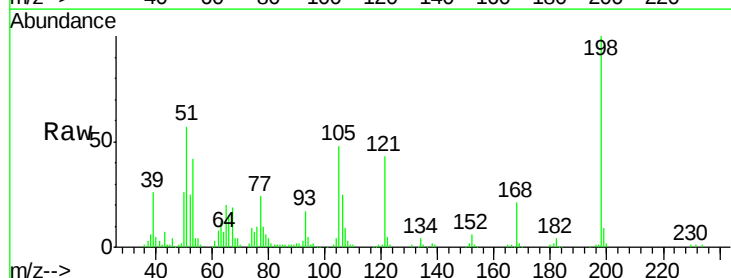


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

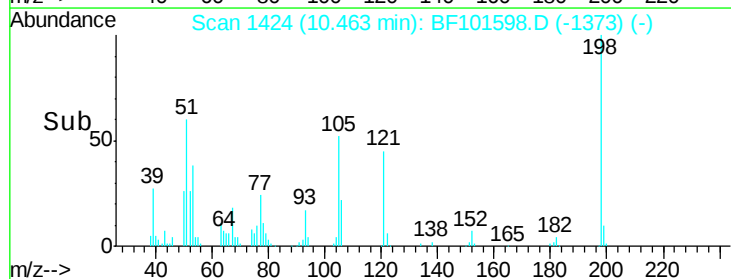
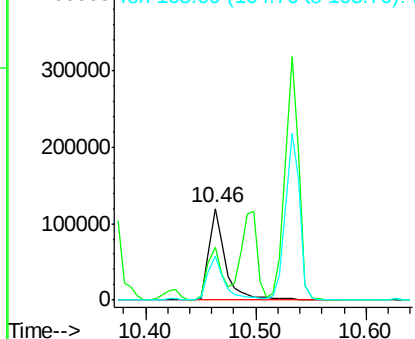


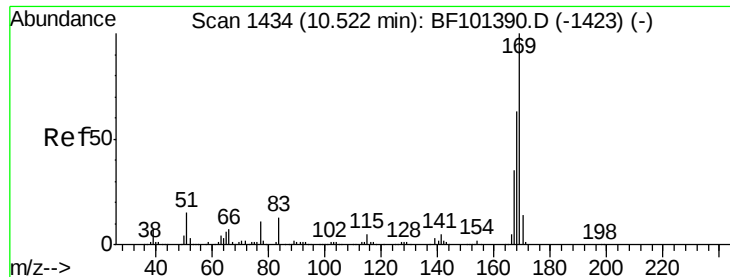
#64
4,6-Dinitro-2-methylphenol
Concen: 46.759 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:198 Resp: 123222
Ion Ratio Lower Upper
198 100
51 57.2 37.7 77.7
105 48.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

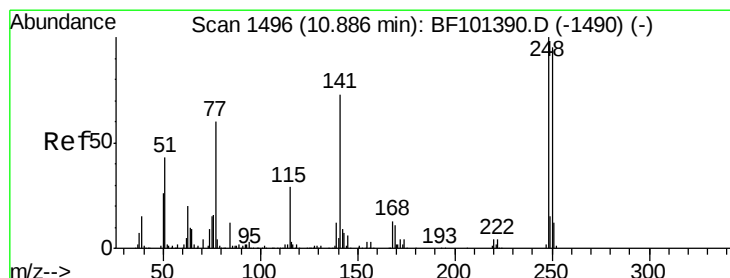
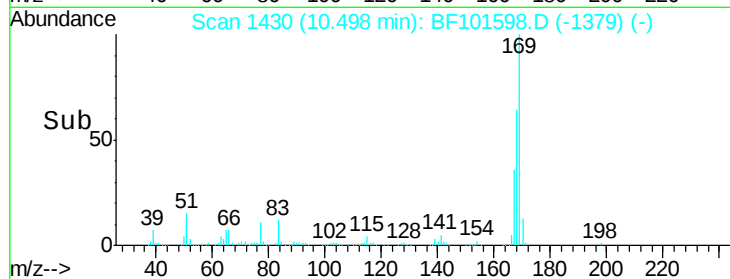
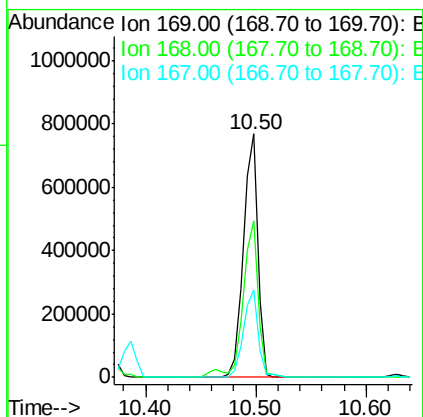
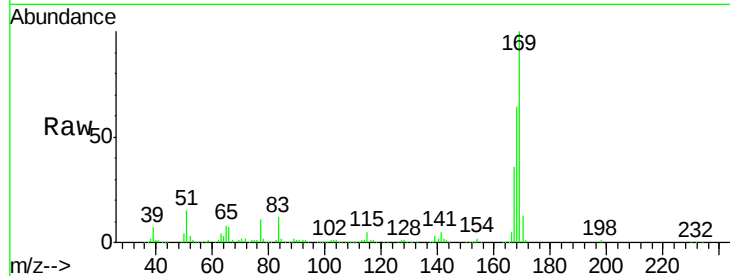




#65
n-Nitrosodiphenylamine
Concen: 37.333 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

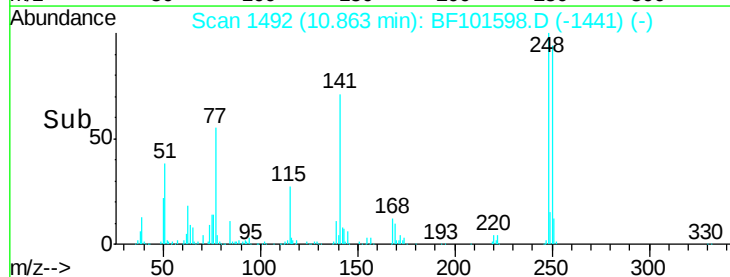
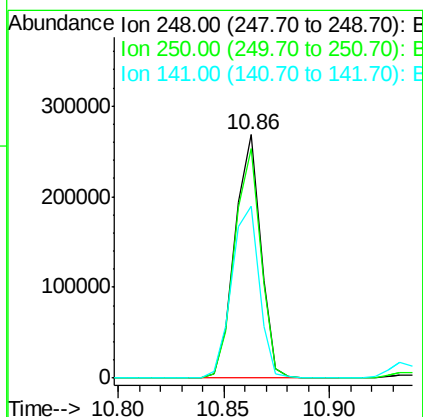
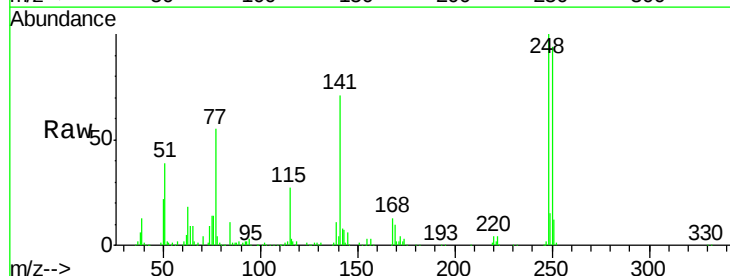
Instrument :
BNA_F
ClientSampleId :

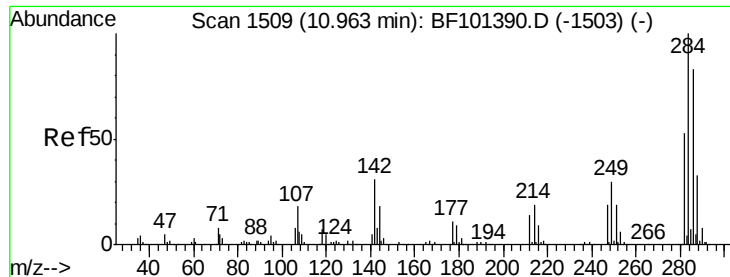
Tgt Ion:169 Resp: 711864
Ion Ratio Lower Upper
169 100
168 64.4 54.4 81.6
167 36.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.097 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:248 Resp: 226860
Ion Ratio Lower Upper
248 100
250 94.5 76.9 115.3
141 70.6 74.4 111.6#





#67

Hexachlorobenzene

Concen: 38.373 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

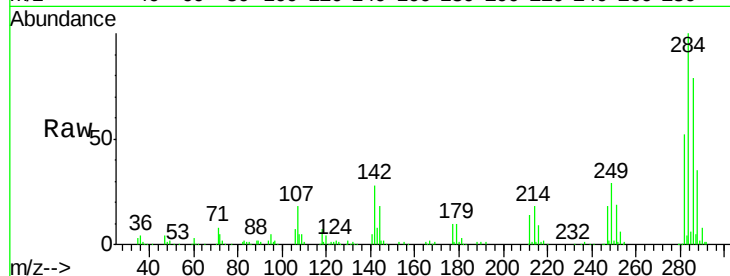
Tgt Ion:284 Resp: 235652

Ion Ratio Lower Upper

284 100

142 27.8 34.6 52.0#

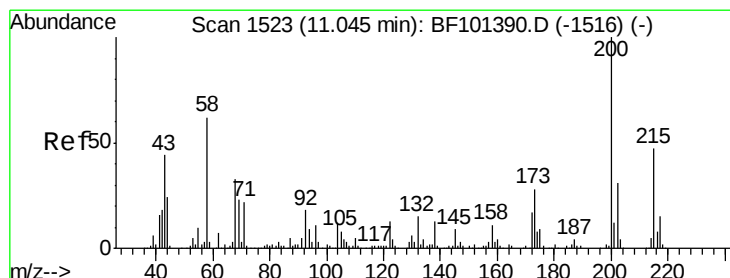
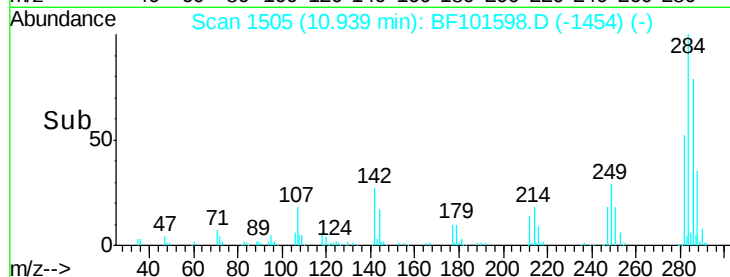
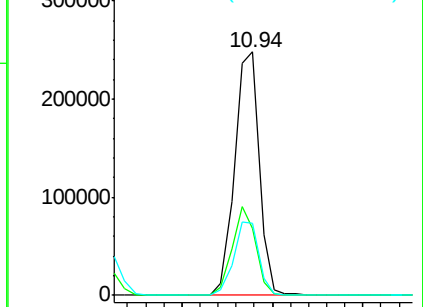
249 29.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.707 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

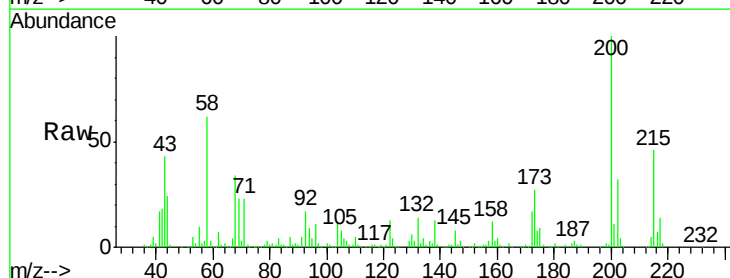
Tgt Ion:200 Resp: 220074

Ion Ratio Lower Upper

200 100

173 27.3 8.6 48.6

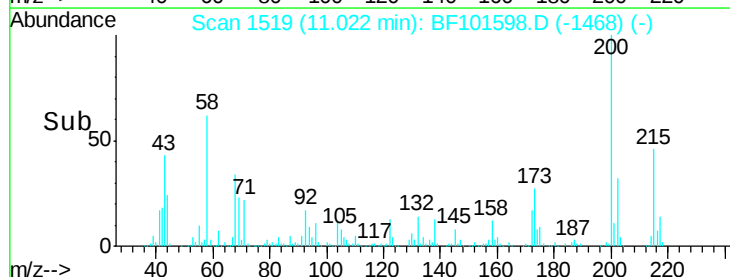
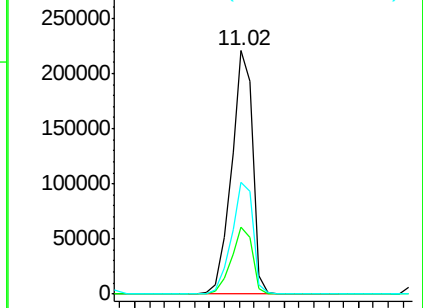
215 45.8 25.1 65.1

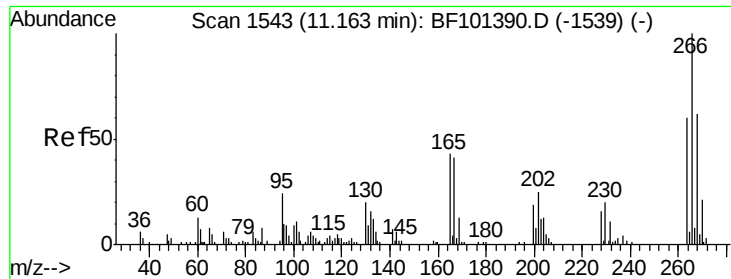


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

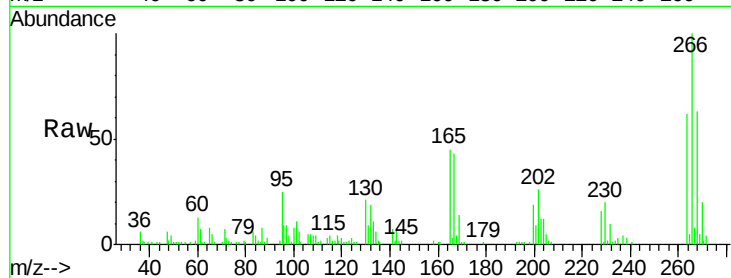




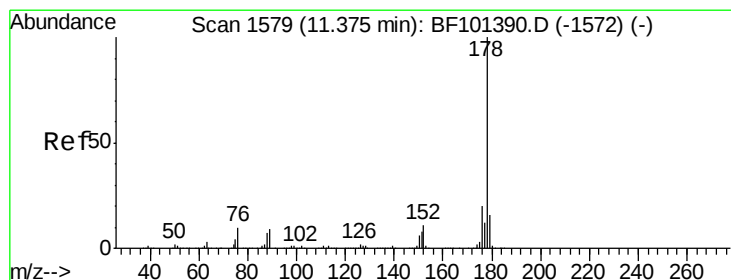
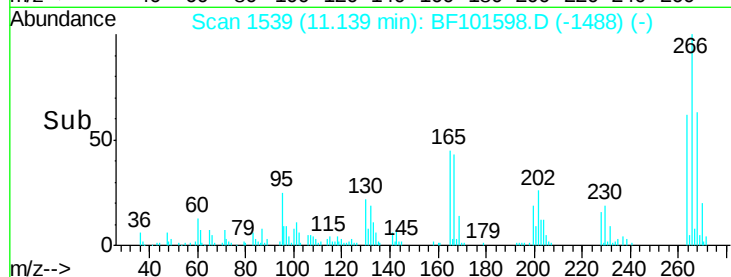
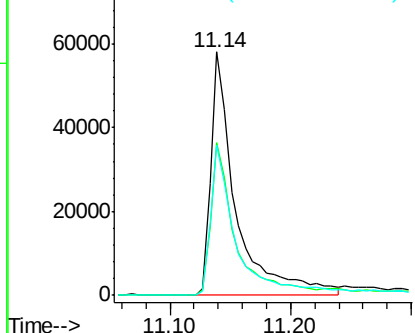
#69
 Pentachlorophenol
 Concen: 38.474 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 83028
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 61.7 49.5 74.3

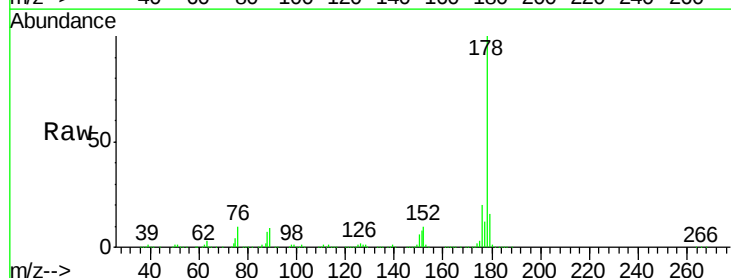


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

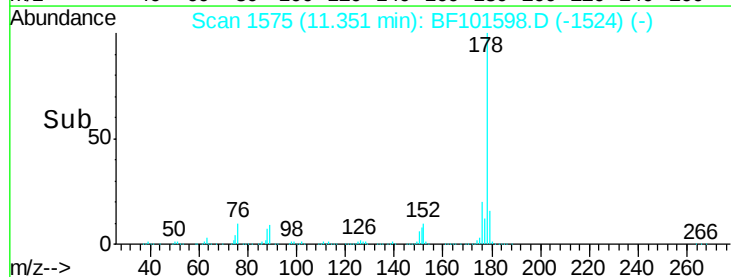
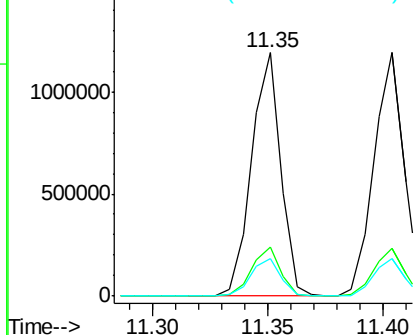


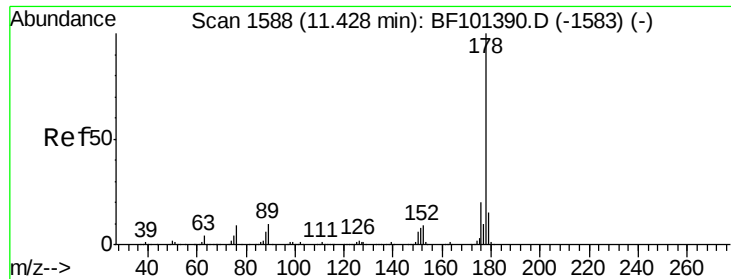
#70
 Phenanthrene
 Concen: 36.707 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:178 Resp: 1054147
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

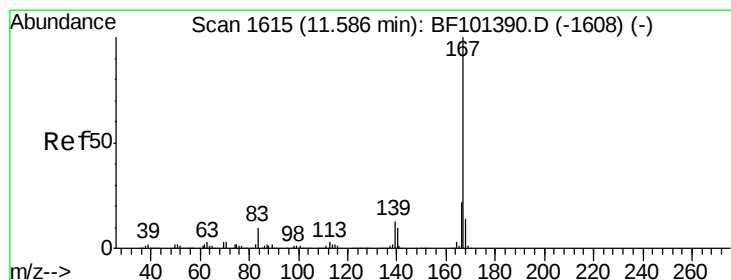
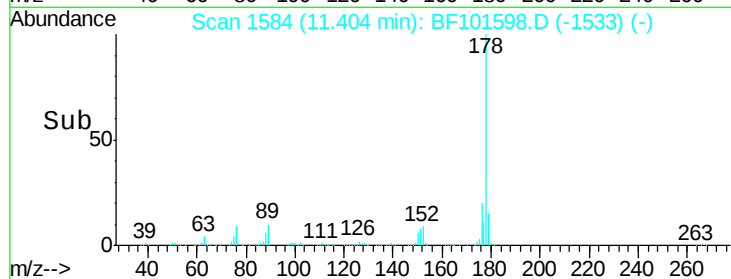
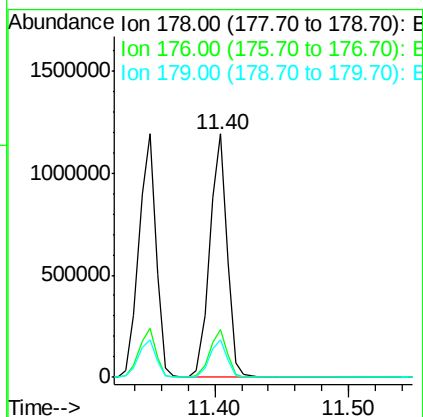
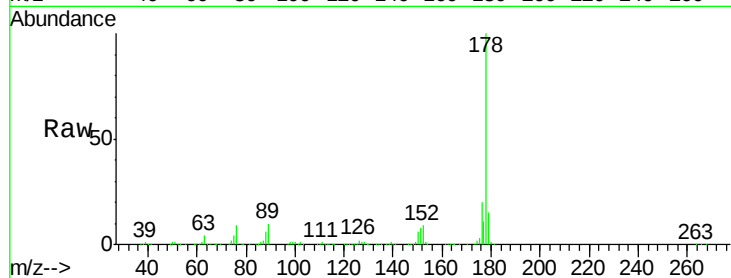




#71
 Anthracene
 Concen: 36.826 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

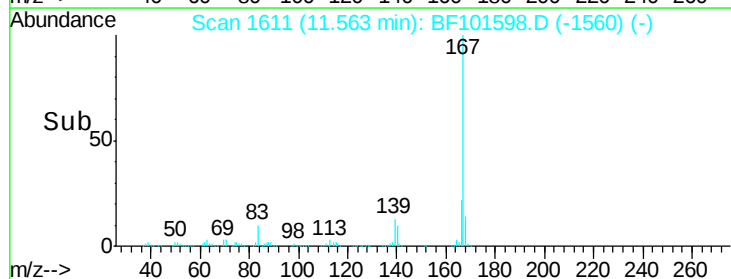
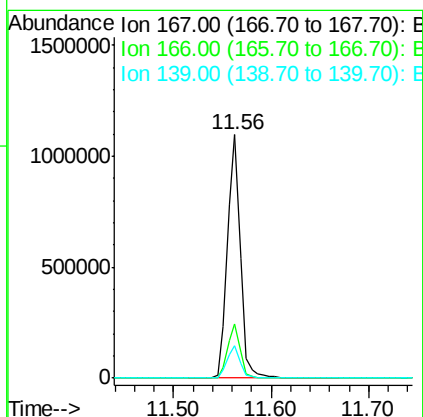
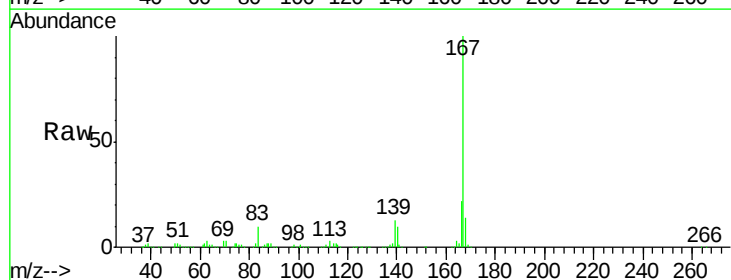
Instrument :
 BNA_F
 ClientSampleId :

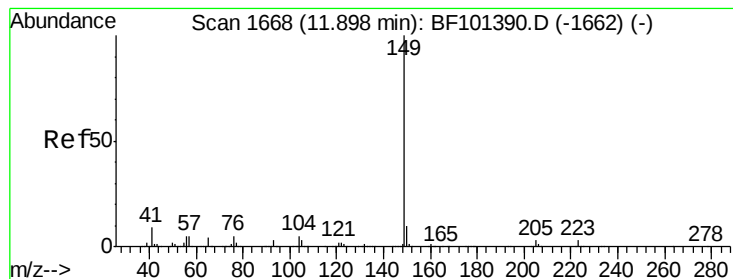
Tgt Ion:178 Resp: 1080265
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 36.626 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:167 Resp: 1005933
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.613 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

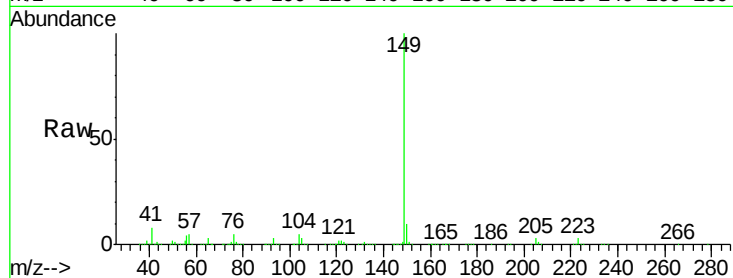
Tgt Ion:149 Resp: 1287167

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

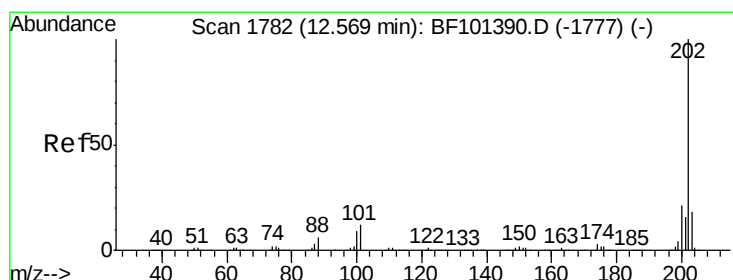
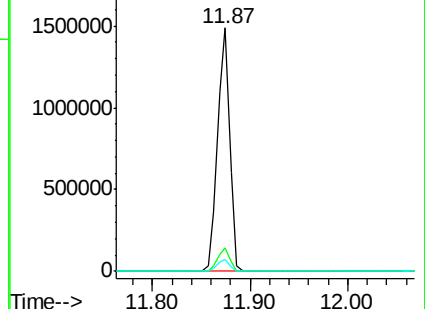
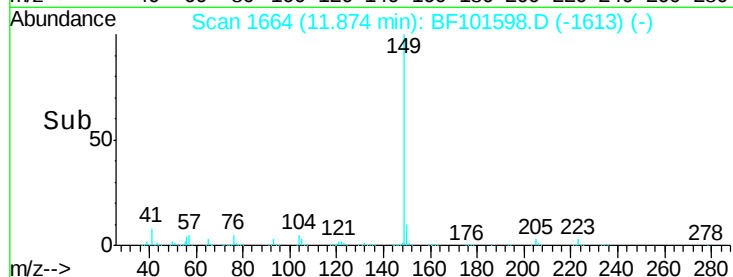
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.955 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

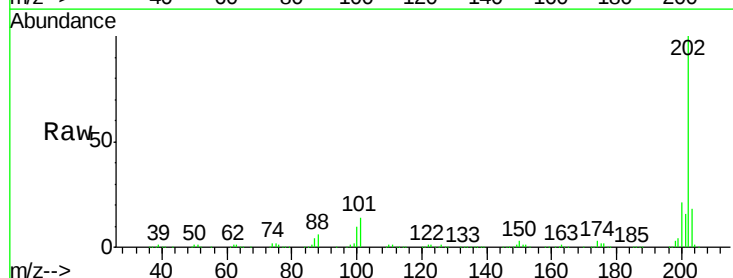
Tgt Ion:202 Resp: 1113945

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

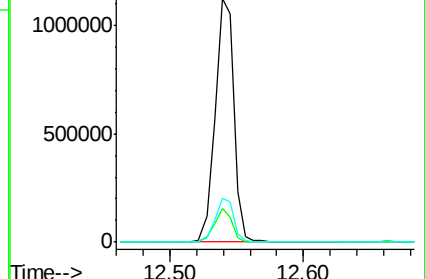
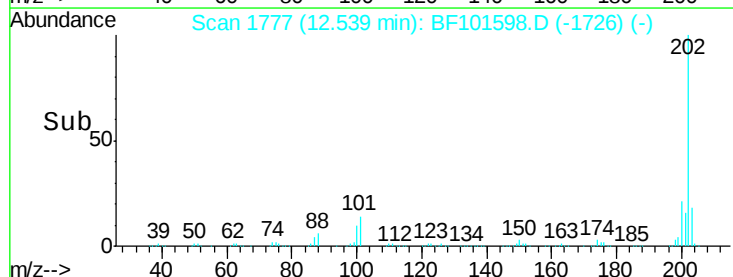
203 17.9 0.0 38.1

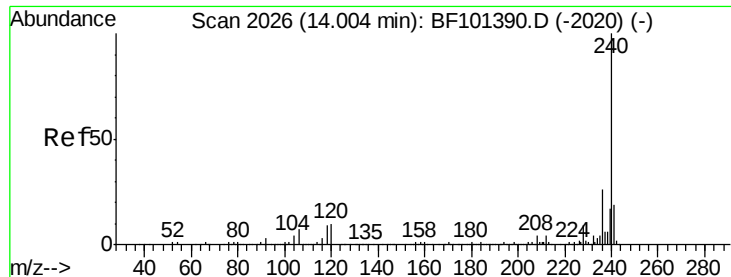


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

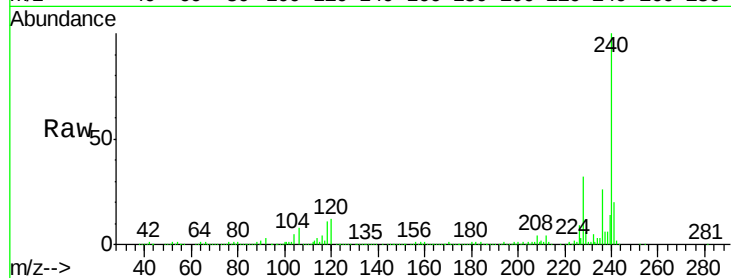
Tgt Ion:240 Resp: 400392

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

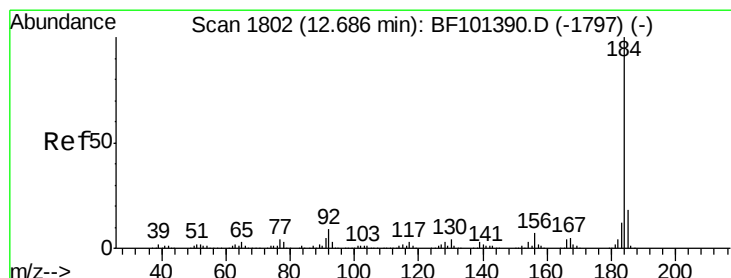
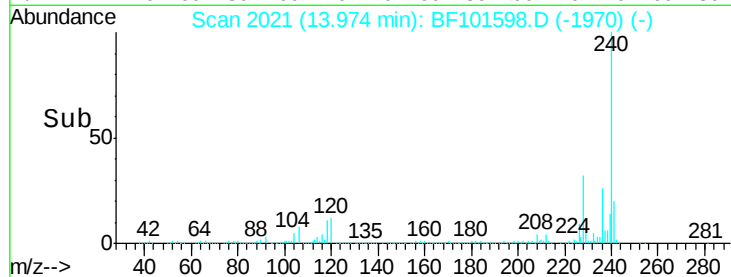
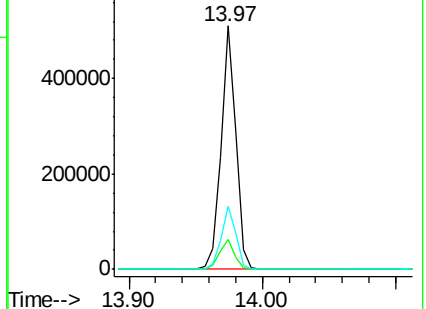
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.881 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

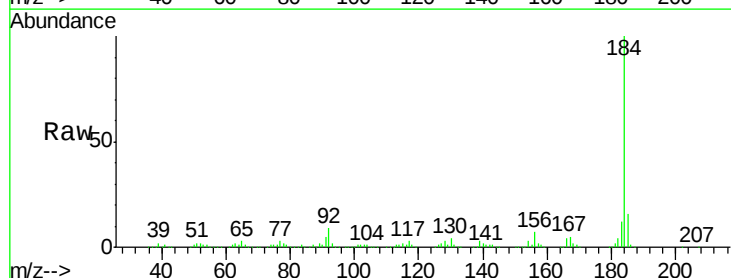
Tgt Ion:184 Resp: 606772

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

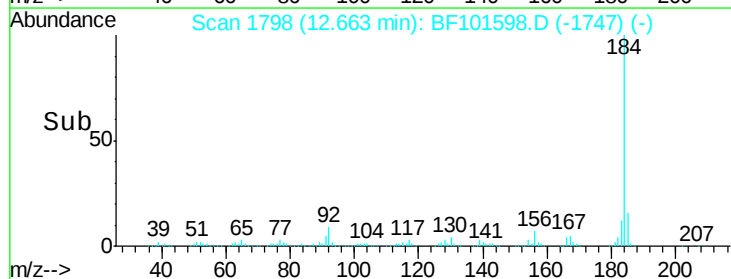
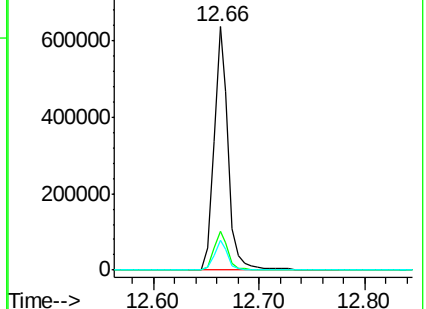
183 12.1 9.3 13.9

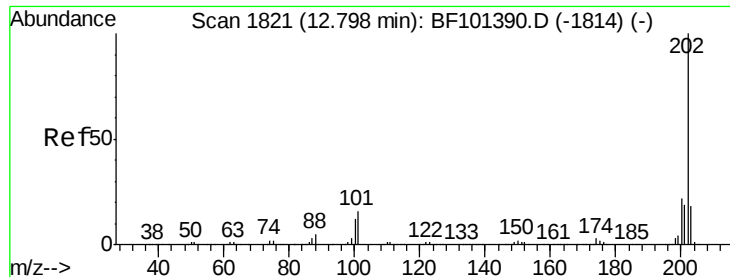


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

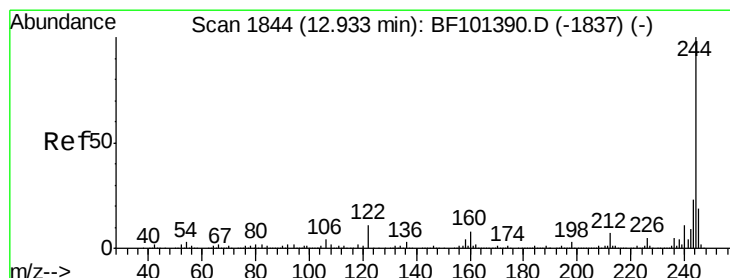
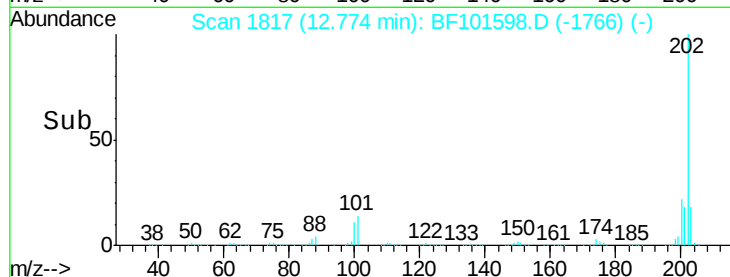
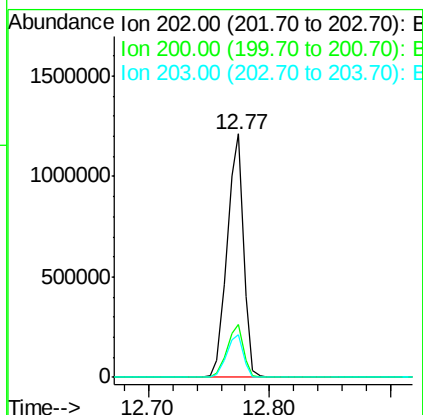
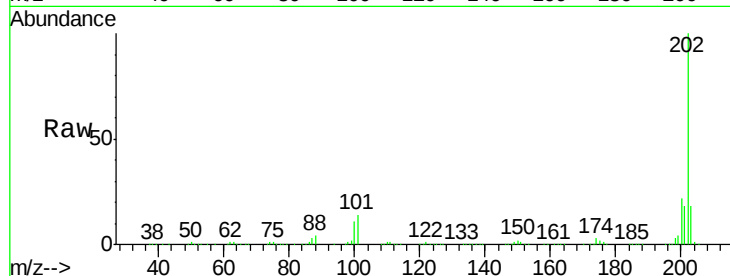




#77
 Pyrene
 Concen: 37.952 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

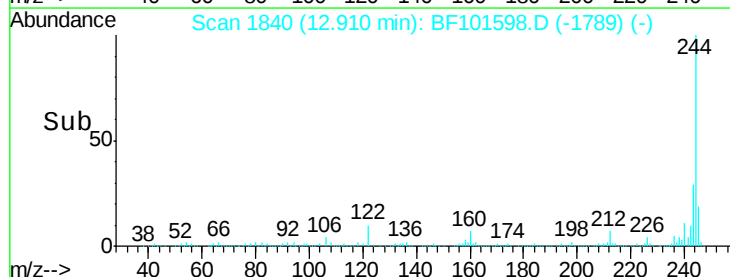
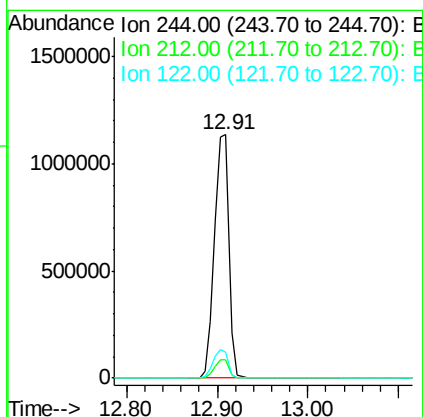
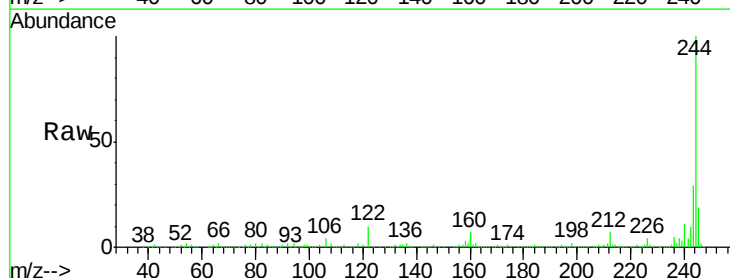
Instrument :
 BNA_F
 ClientSampleId :

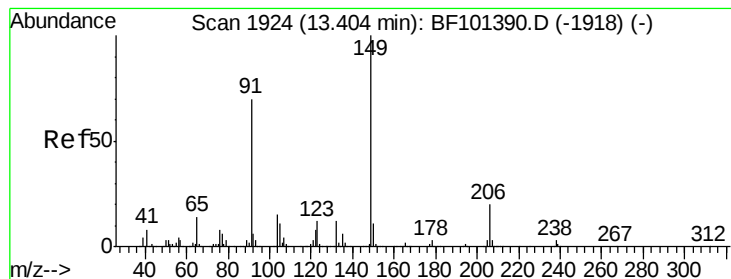
Tgt Ion: 202 Resp: 1140436
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 75.225 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion: 244 Resp: 1249374
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.5 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 40.725 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :

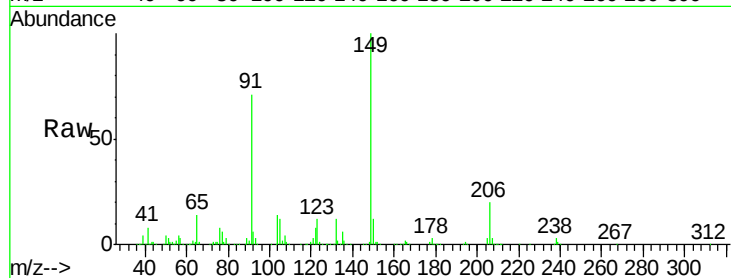
Tgt Ion:149 Resp: 553715

Ion Ratio Lower Upper

149 100

91 70.8 56.8 85.2

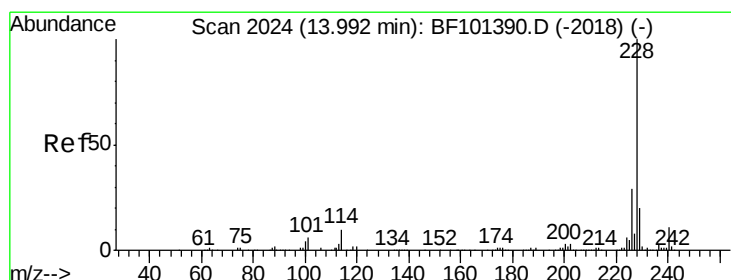
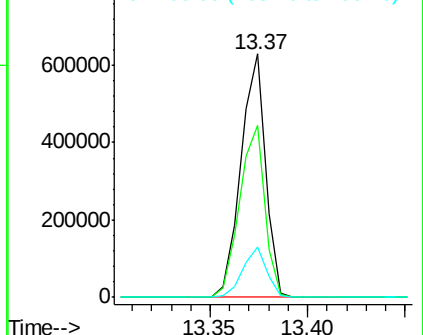
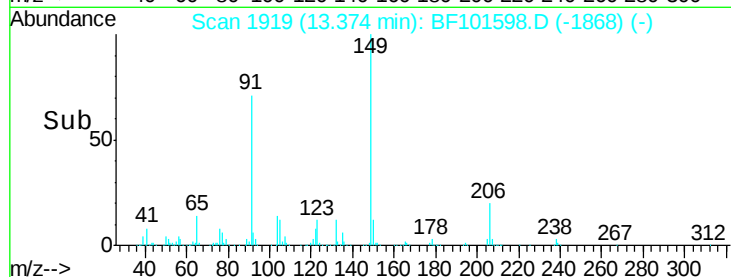
206 20.5 14.1 21.1



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: 37.233 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

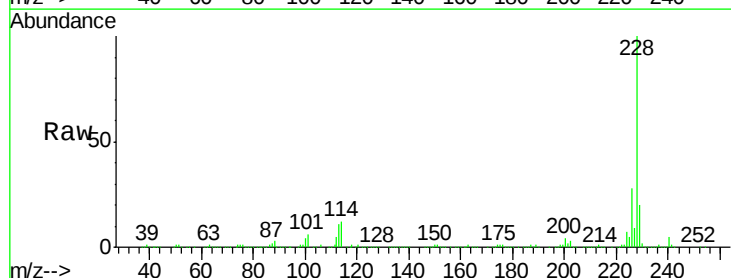
Tgt Ion:228 Resp: 984395

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

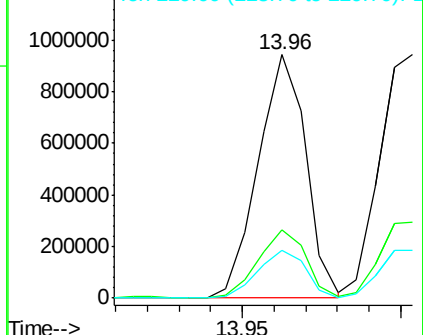
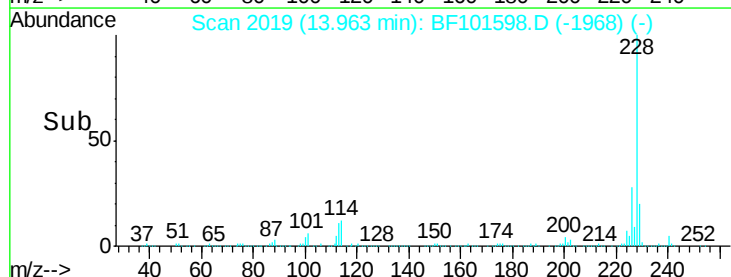
229 19.7 15.8 23.6

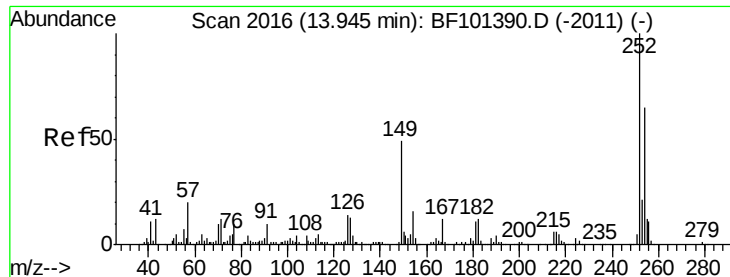


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

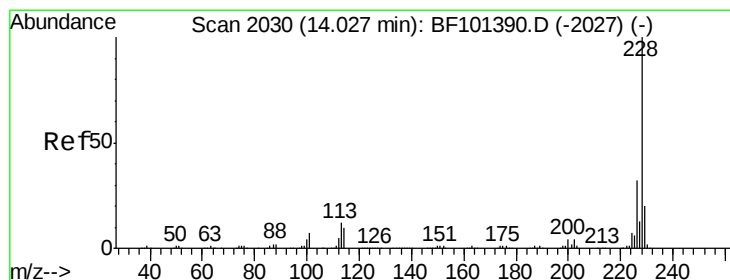
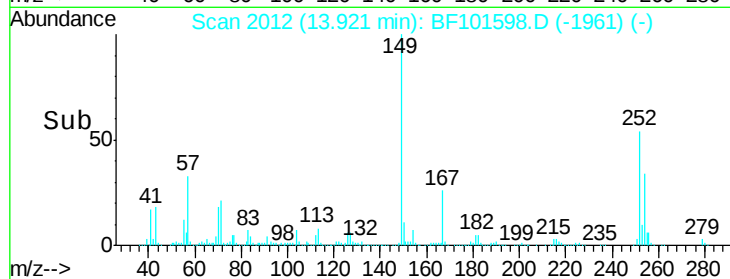
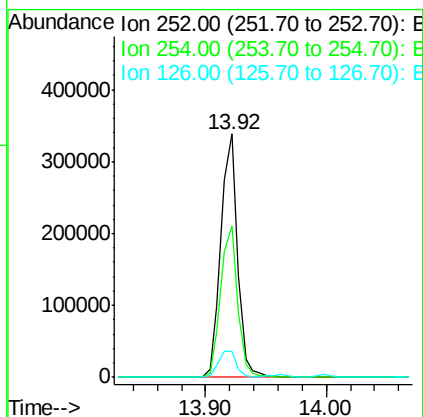
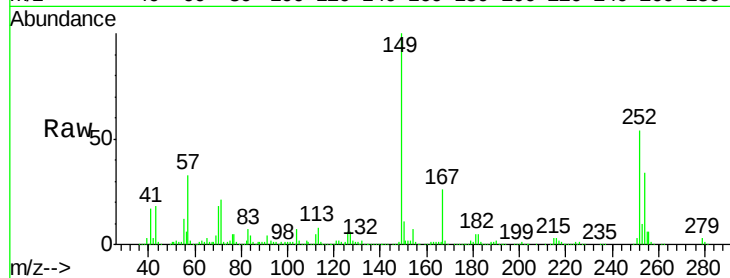




#81
 3,3'-Dichlorobenzidine
 Concen: 37.542 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

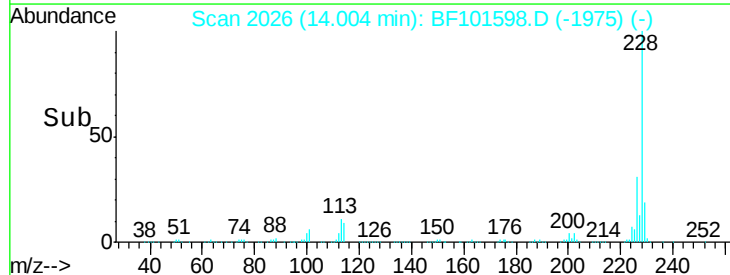
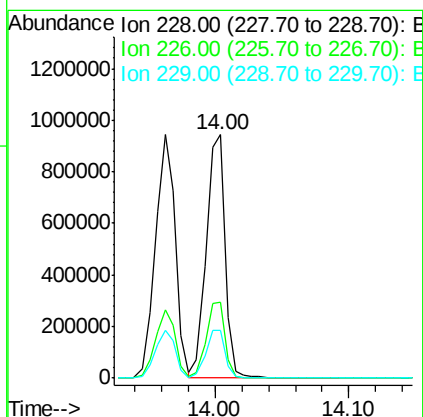
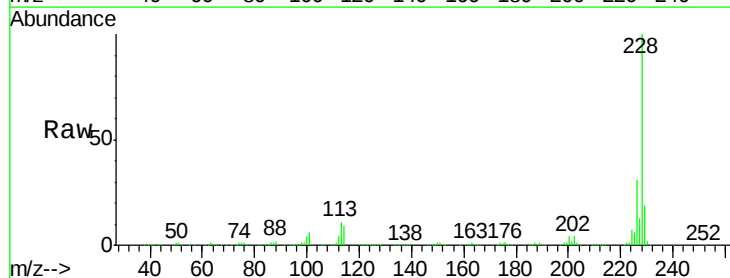
Instrument :
 BNA_F
 ClientSampled :

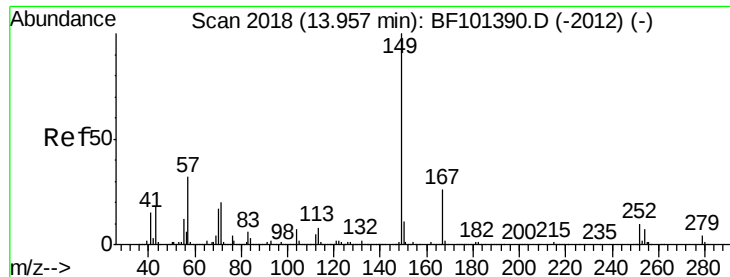
Tgt Ion: 252 Resp: 323636
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 10.9 11.3 16.9#



#82
 Chrysene
 Concen: 37.198 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion: 228 Resp: 928560
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.5 16.2 24.4

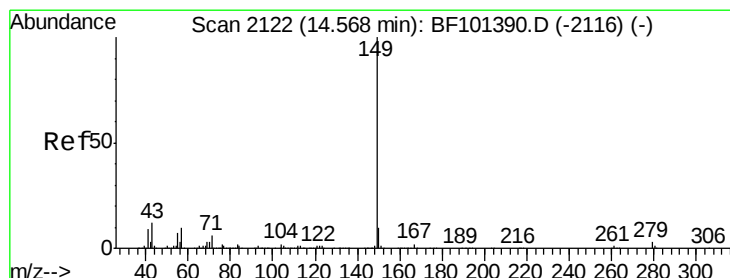
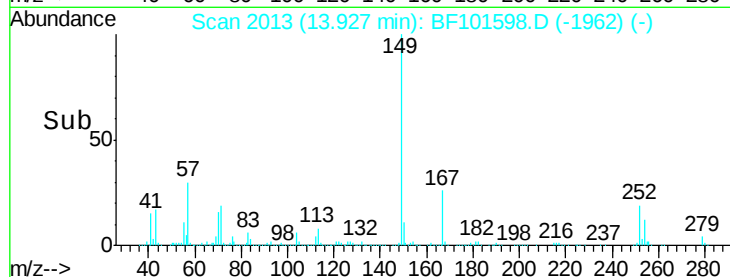
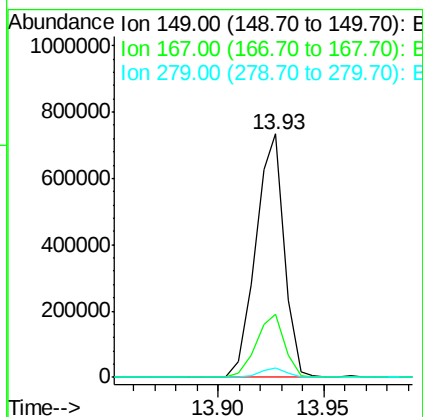
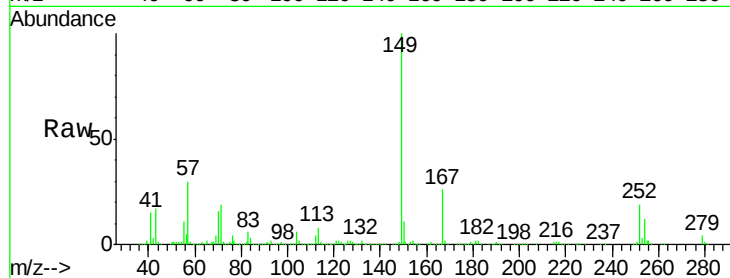




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.951 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

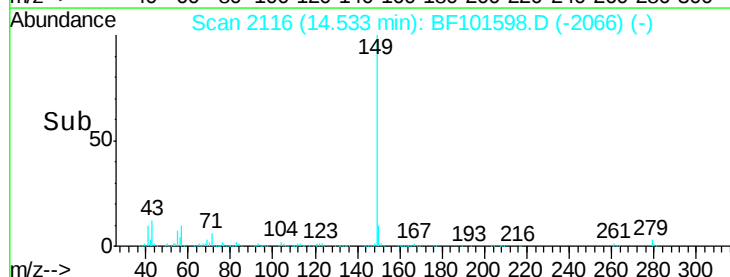
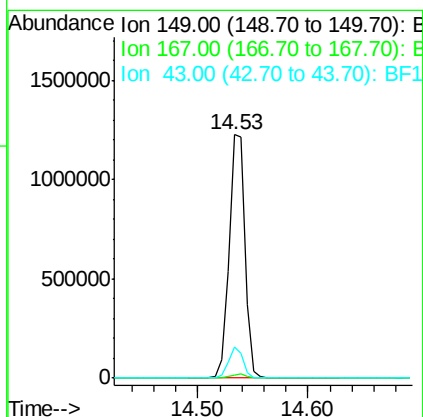
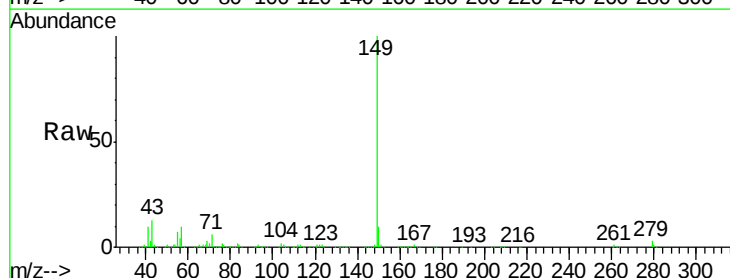
Instrument :
 BNA_F
 ClientSampleId :

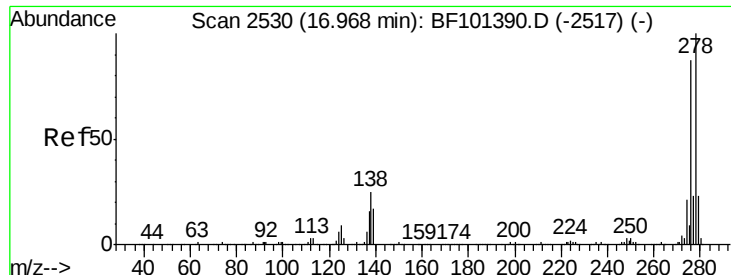
Tgt Ion:149 Resp: 688024
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.331 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion:149 Resp: 1238711
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 8.4 12.6

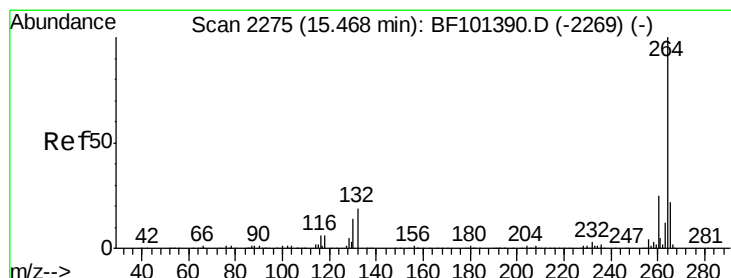
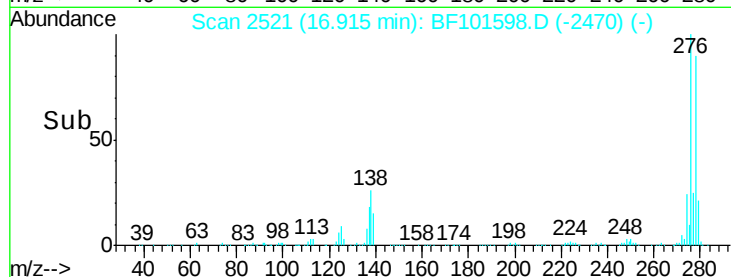
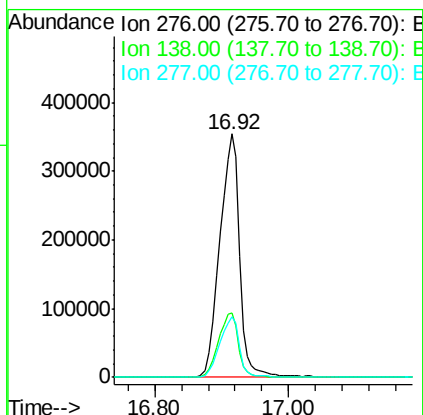
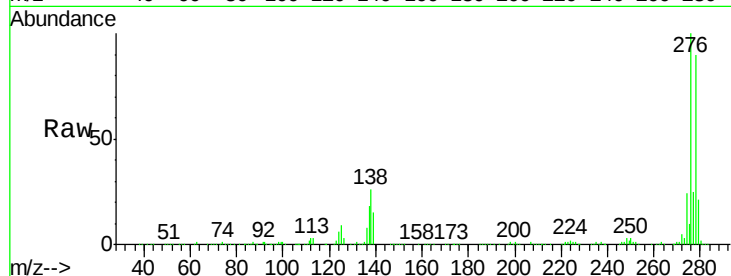




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.454 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

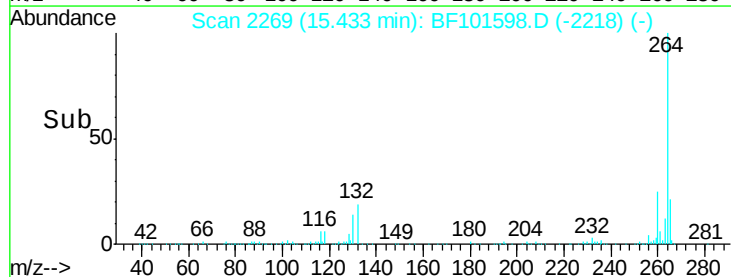
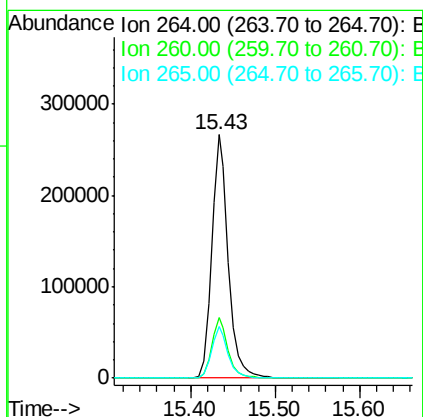
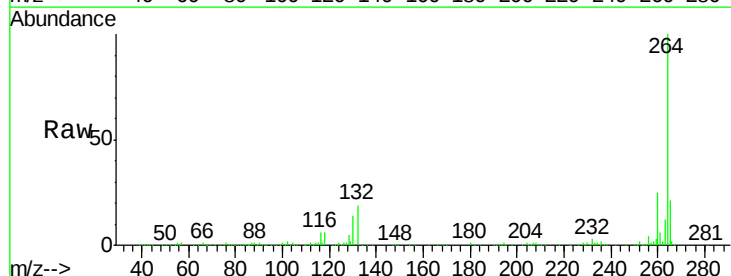
Instrument :
 BNA_F
 ClientSampleId :

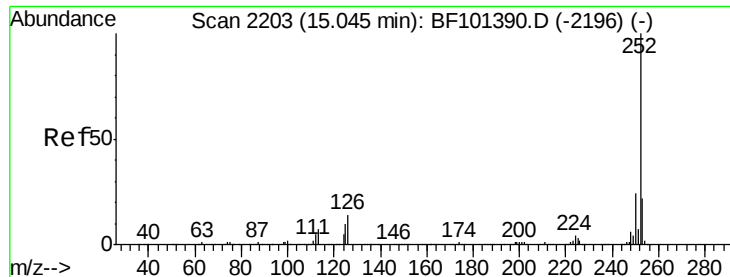
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101598.D
 Acq: 21 Dec 2017 11:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.0	17.5	26.3

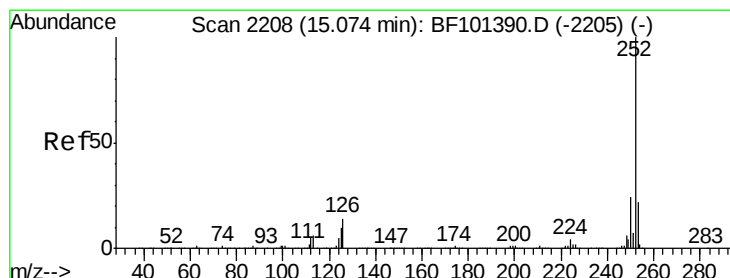
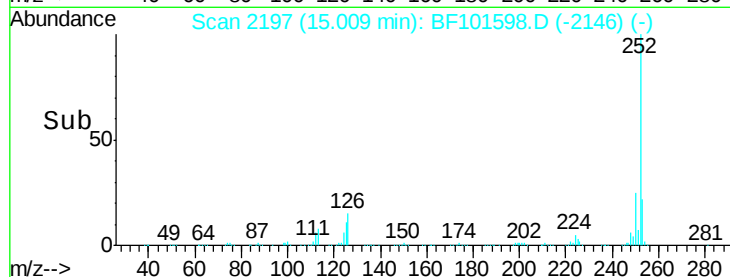
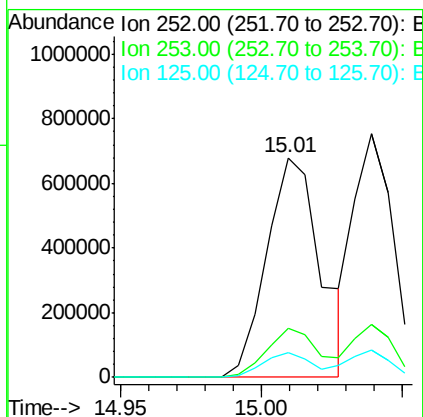
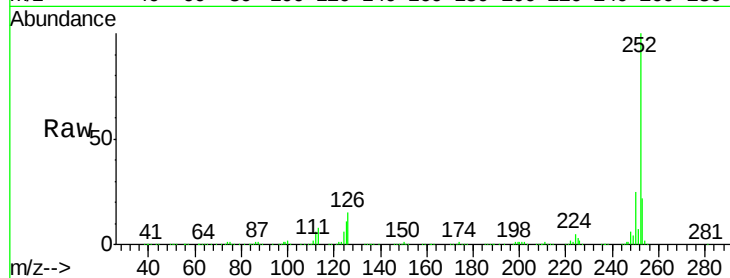




#87
Benzo(b)fluoranthene
Concen: 40.540 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

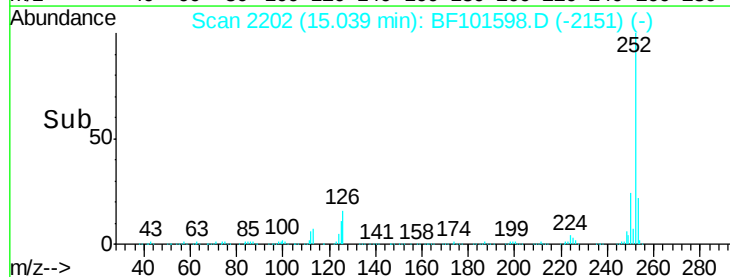
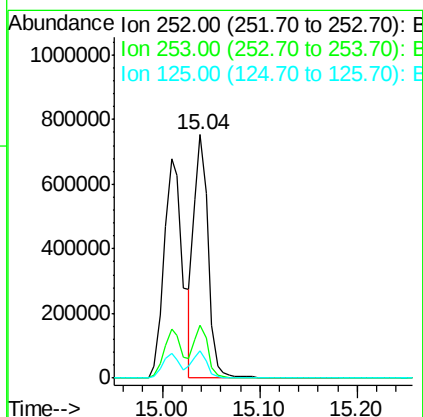
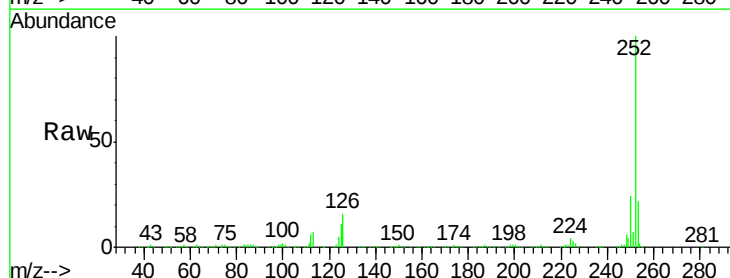
Instrument :
BNA_F
ClientSampleId :

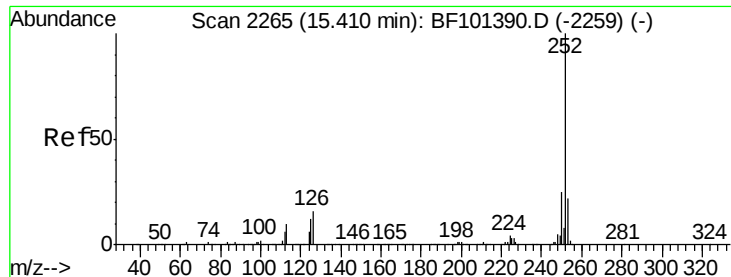
Tgt Ion:252 Resp: 905166
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.731 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion:252 Resp: 753957
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.2 10.2 15.2

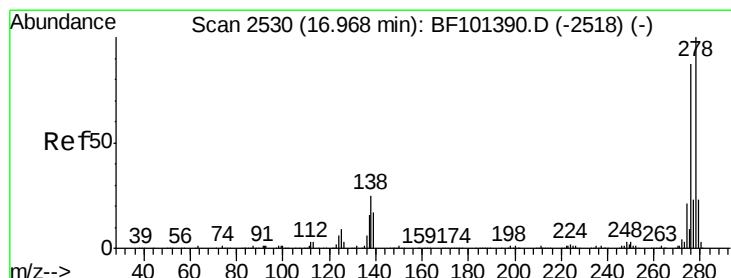
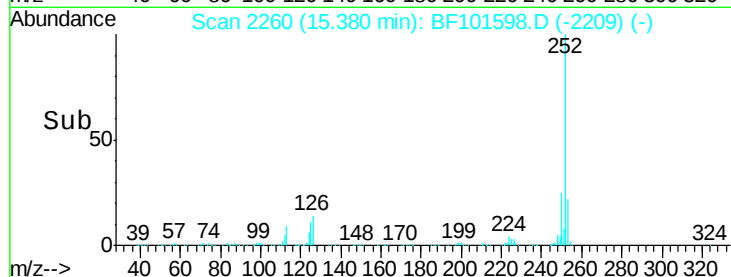
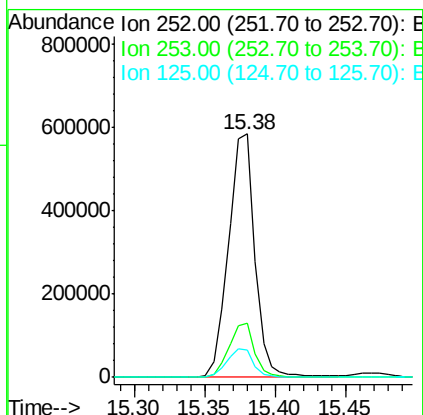
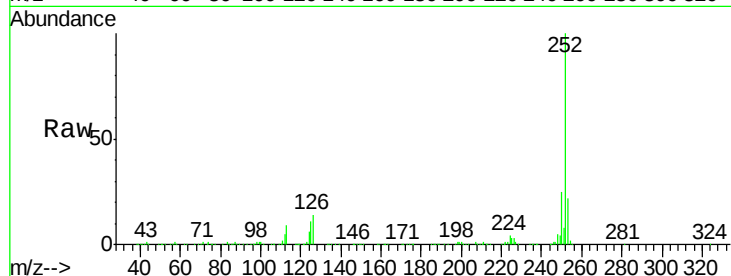




#89
Benzo(a)pyrene
Concen: 37.069 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

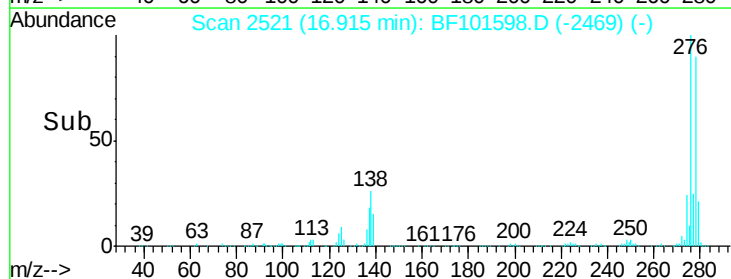
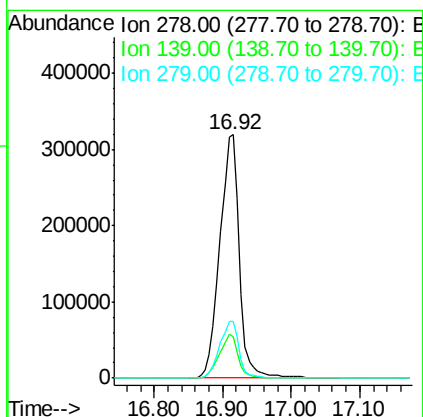
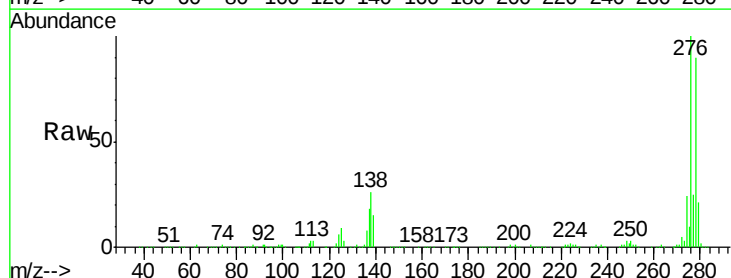
Instrument :
BNA_F
ClientSampleId :

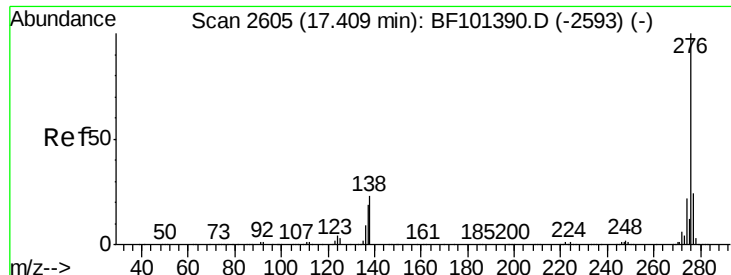
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 35.907 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101598.D
Acq: 21 Dec 2017 11:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 35.606 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

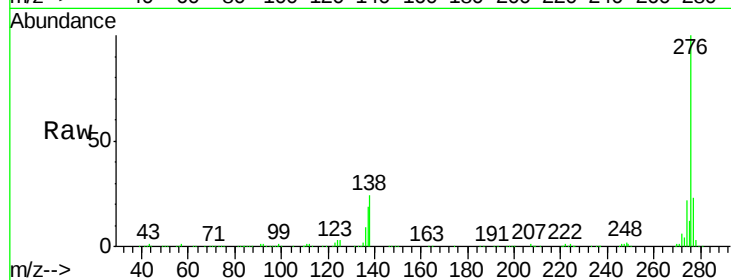
Lab File: BF101598.D

Acq: 21 Dec 2017 11:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 276 Resp: 623082

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 24.0 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

