

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101772.D
 Acq On : 27 Dec 2017 19:42
 Operator : SJ/JU
 Sample : I7069-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:06:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	163731	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	633914	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	276101	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	472700	20.00	ng	0.00
75) Chrysene-d12	13.97	240	300032	20.00	ng	0.00
86) Perylene-d12	15.44	264	310487	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1031094	93.81	ng	0.02
7) Phenol-d6	6.45	99	1149643	84.04	ng	0.01
23) Nitrobenzene-d5	7.36	82	734267	64.48	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	242753	91.25	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1130291	63.50	ng	0.00
78) Terphenyl-d14	12.90	244	910608	73.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	154546	27.363	ng	96
3) Pyridine	3.35	79	347768	22.162	ng	97
4) n-Nitrosodimethylamine	3.29	42	188020	26.023	ng	99
6) Aniline	6.46	93	222532	11.706	ng	# 54
8) 2-Chlorophenol	6.58	128	359707	31.109	ng	97
9) Benzaldehyde	6.35	77	153366	15.181	ng	98
10) Phenol	6.46	94	476390	30.554	ng	90
11) bis(2-Chloroethyl)ether	6.53	93	360763	29.498	ng	94
12) 1,3-Dichlorobenzene	6.73	146	399290	30.597	ng	97
13) 1,4-Dichlorobenzene	6.80	146	407426	30.573	ng	99
14) 1,2-Dichlorobenzene	6.96	146	361070	30.101	ng	99
15) Benzyl Alcohol	6.95	79	280097	29.748	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	605871	32.369	ng	# 44
17) 2-Methylphenol	7.06	107	292734	27.523	ng	# 87
18) Hexachloroethane	7.29	117	129626	27.977	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	255992	28.495	ng	96
20) 3+4-Methylphenols	7.22	107	404640	35.902	ng	98
22) Acetophenone	7.20	105	507711	35.101	ng	# 97
24) Nitrobenzene	7.38	77	391432	31.057	ng	99
25) Isophorone	7.62	82	715874	31.336	ng	98
26) 2-Nitrophenol	7.70	139	197490	36.473	ng	96
27) 2,4-Dimethylphenol	7.73	122	316610	34.419	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	454820	31.342	ng	99
29) 2,4-Dichlorophenol	7.95	162	313326	34.477	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	295306	30.791	ng	96
31) Naphthalene	8.09	128	989788	31.015	ng	99
32) Benzoic acid	7.88	122	68202	17.139	ng	97
33) 4-Chloroaniline	8.16	127	87361	6.298	ng	99
34) Hexachlorobutadiene	8.20	225	170033	30.654	ng	99
35) Caprolactam	8.54	113	100955	31.992	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	313643	31.400	ng	98
37) 2-Methylnaphthalene	8.79	142	642115	30.882	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	310528	33.312	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	7304	16.545	ng	99

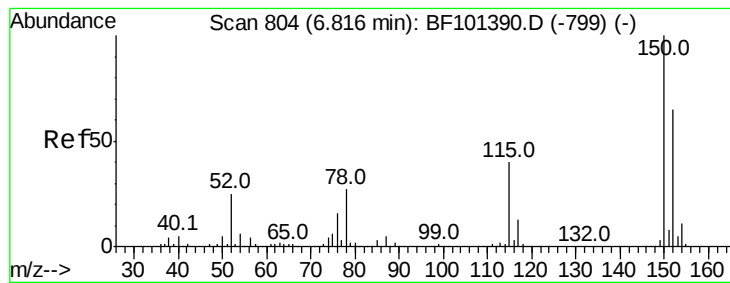
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101772.D
 Acq On : 27 Dec 2017 19:42
 Operator : SJ/JU
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	195655	34.863	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	187686	30.544	nq	94
45) 1,1'-Biphenyl	9.25	154	771028	31.489	nq	99
46) 2-Chloronaphthalene	9.28	162	580754	30.997	nq	96
47) 2-Nitroaniline	9.39	65	201091	31.070	nq	94
48) Acenaphthylene	9.69	152	854769	28.885	nq	99
49) Dimethylphthalate	9.55	163	806889	36.333	nq	99
50) 2,6-Dinitrotoluene	9.63	165	144422	31.996	nq #	83
51) Acenaphthene	9.86	154	510119	28.692	nq	99
52) 3-Nitroaniline	9.80	138	102043	18.133	nq	97
53) 2,4-Dinitrophenol	9.95	184	45889	35.744	nq #	22
54) Dibenzofuran	10.03	168	736191	32.583	nq	94
55) 4-Nitrophenol	10.00	139	96686	39.402	nq	96
56) 2,4-Dinitrotoluene	10.05	165	191085	37.575	nq	94
57) Fluorene	10.38	166	594929	31.126	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	154443	34.983	nq #	86
59) Diethylphthalate	10.25	149	671437	30.530	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	294663	32.167	nq	93
61) 4-Nitroaniline	10.43	138	131487	23.245	nq	91
62) Azobenzene	10.53	77	641541	28.159	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	41455	17.185	nq	87
65) n-Nitrosodiphenylamine	10.49	169	546689	31.321	nq	96
66) 4-Bromophenyl-phenylether	10.86	248	179887	33.868	nq #	87
67) Hexachlorobenzene	10.93	284	174310	31.008	nq #	90
68) Atrazine	11.02	200	180875	34.754	nq	97
69) Pentachlorophenol	11.14	266	124379	58.791	nq	100
70) Phenanthrene	11.34	178	788062	29.979	nq	99
71) Anthracene	11.40	178	812128	30.245	nq	99
72) Carbazole	11.56	167	696910	27.721	nq	99
73) Di-n-butylphthalate	11.87	149	967950	31.722	nq	99
74) Fluoranthene	12.54	202	712647	25.828	nq	98
76) Benzidine	12.66	184	286056	22.574	nq	98
77) Pyrene	12.77	202	708305	31.456	nq	100
79) Butylbenzylphthalate	13.37	149	323408	31.742	nq	98
80) Benzo(a)anthracene	13.96	228	572977	28.921	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	174410	26.999	nq	99
82) Chrysene	14.00	228	556339	29.742	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	441558	34.216	nq	99
84) Di-n-octyl phthalate	14.53	149	733350	31.864	nq	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	524727	31.501	nq	96
87) Benzo(b)fluoranthene	15.02	252	532561	28.141	nq	100
88) Benzo(k)fluoranthene	15.04	252	551055	29.948	nq	98
89) Benzo(a)pyrene	15.39	252	511947	29.345	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	445235	29.724	nq	97
91) Benzo(g,h,i)perylene	17.38	276	418067	28.186	nq	97

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

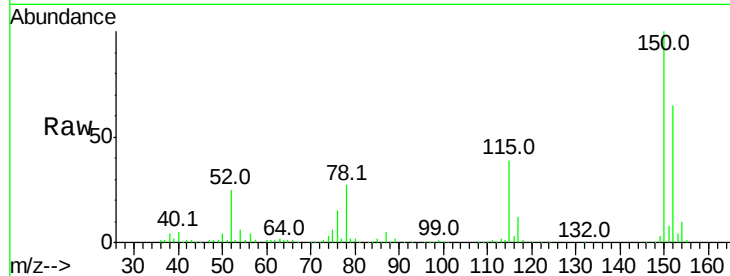


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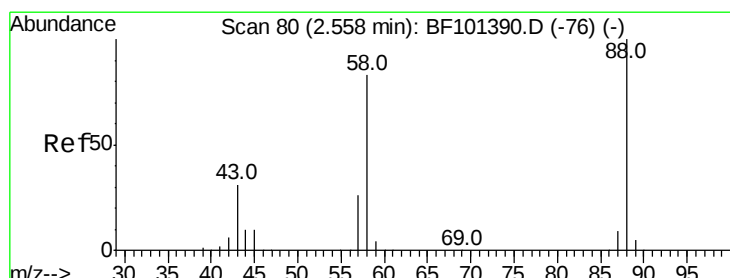
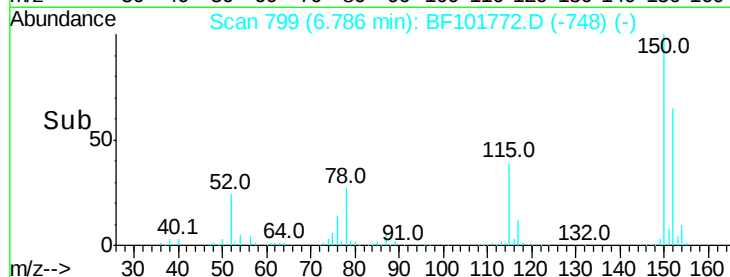
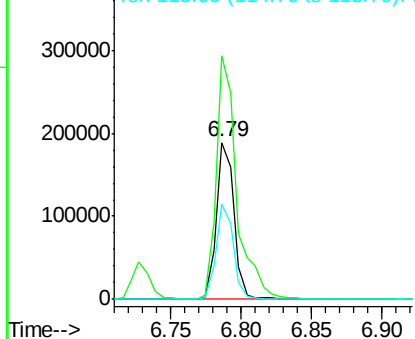
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163731
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 60.6 50.1 75.1



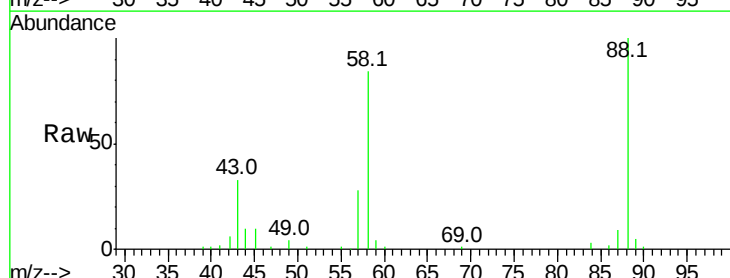
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



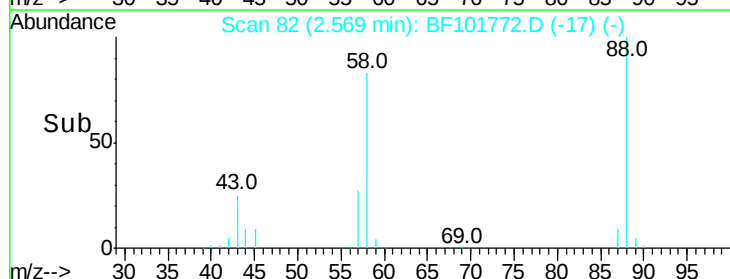
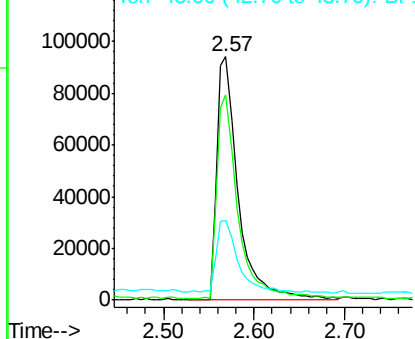
#2

1,4-Dioxane
Concen: 27.363 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.08 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion: 88 Resp: 154546
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 29.5 24.6 37.0



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

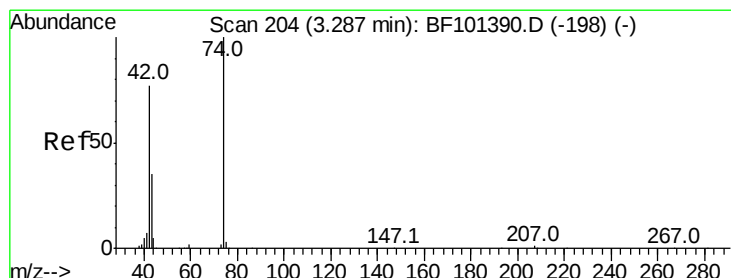
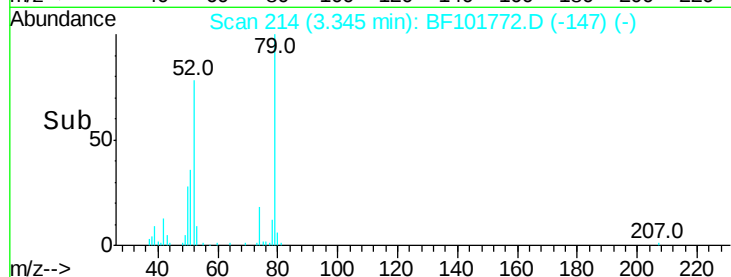
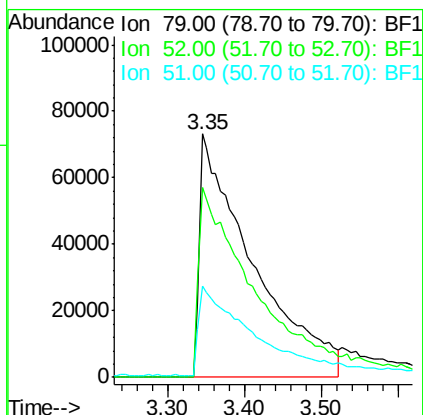
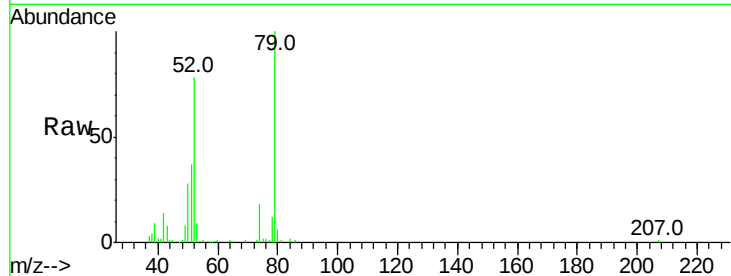




#3
 Pvridine
 Concen: 22.162 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

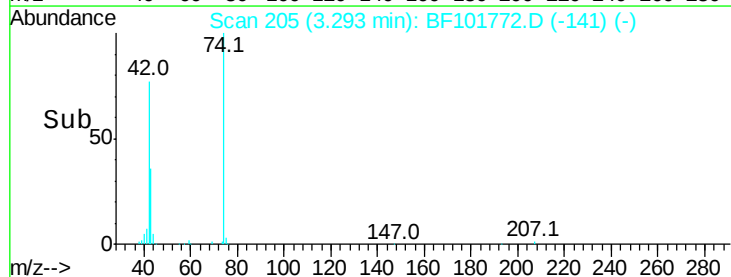
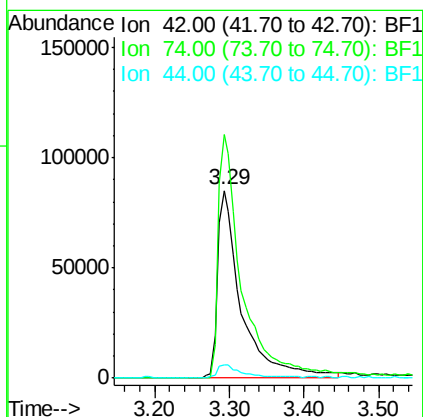
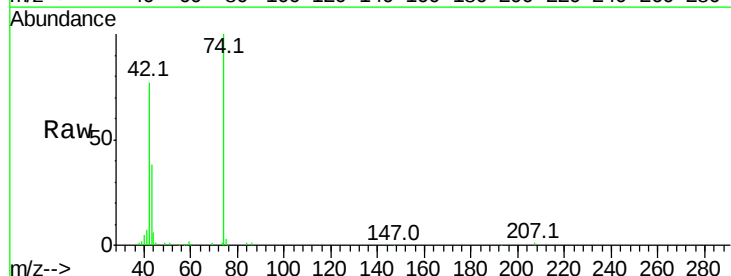
Instrument :
 BNA_F
 ClientSampleId :

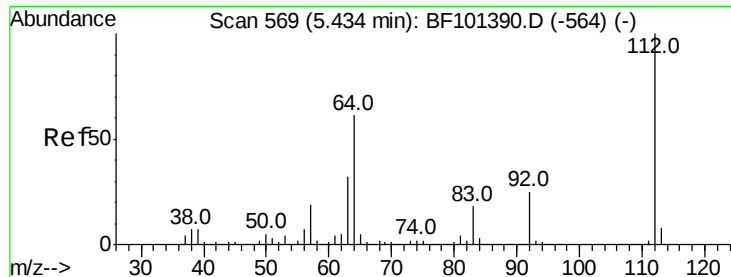
Tot Ion: 79 Resp: 347768
 Ion Ratio Lower Upper
 79 100
 52 78.0 59.8 89.6
 51 37.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 26.023 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.08 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion: 42 Resp: 188020
 Ion Ratio Lower Upper
 42 100
 74 129.6 104.9 157.3
 44 7.2 6.9 10.3

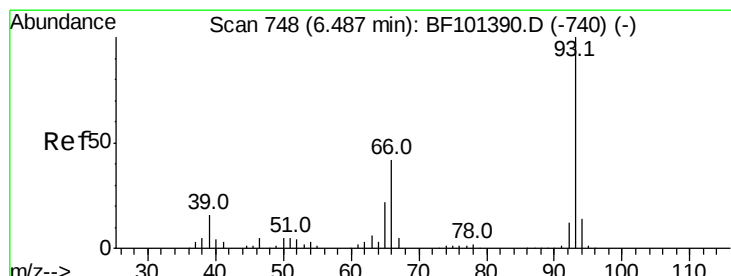
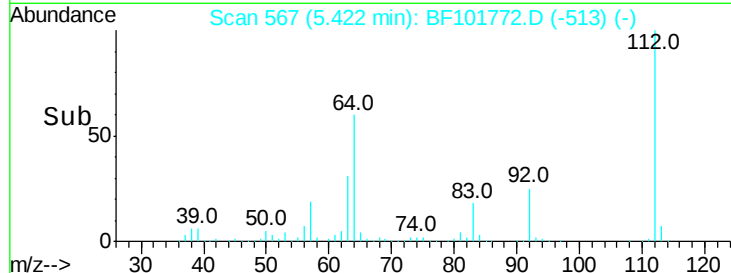
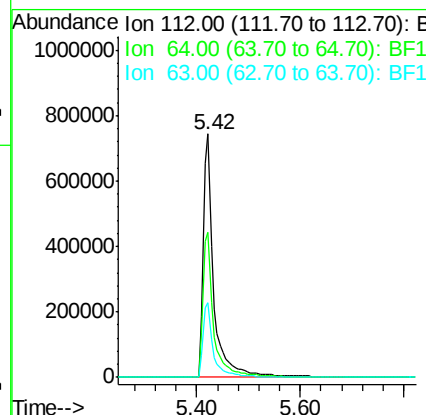
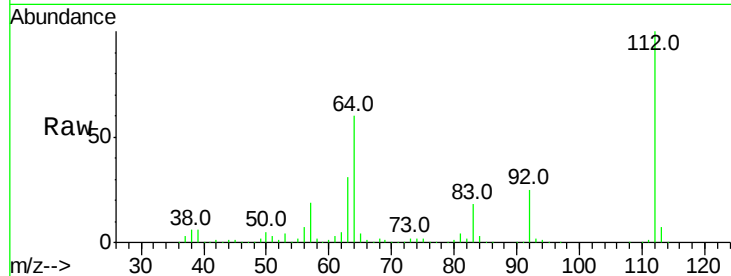




#5
 2-Fluorophenol
 Concen: 93.806 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

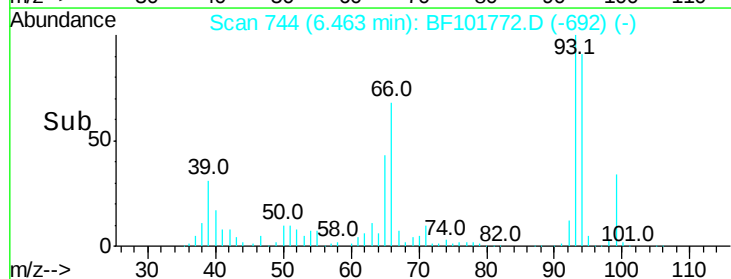
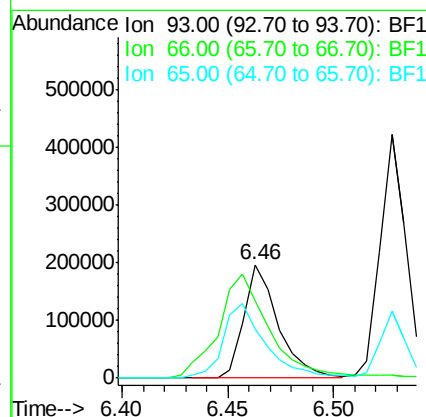
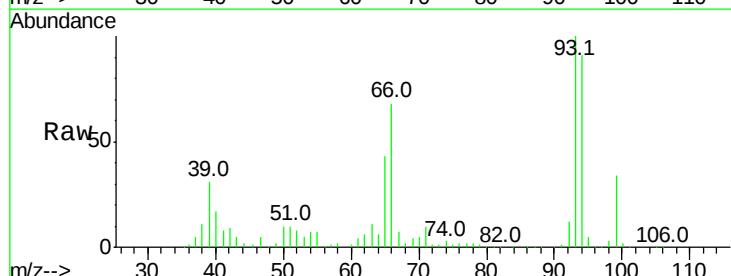
Instrument :
 BNA_F
 ClientSampled :

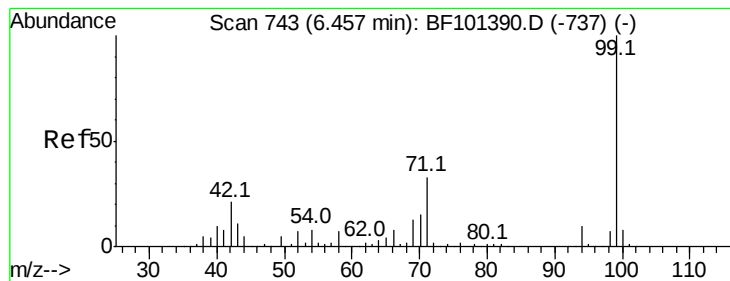
Tot Ion:112 Resp: 1031094
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 30.6 23.7 35.5



#6
 Aniline
 Concen: 11.706 ng
 RT: 6.46 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion: 93 Resp: 222532
 Ion Ratio Lower Upper
 93 100
 66 67.8 32.2 48.2#
 65 43.4 16.4 24.6#





#7

Phenol-d6

Concen: 84.040 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

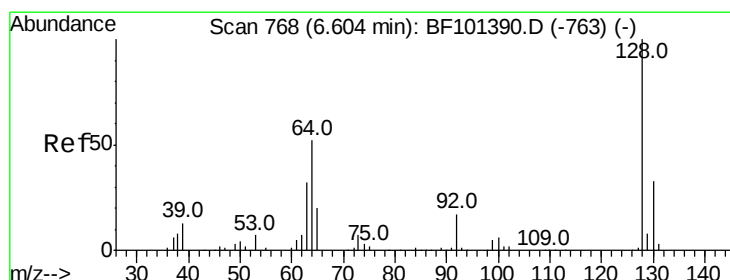
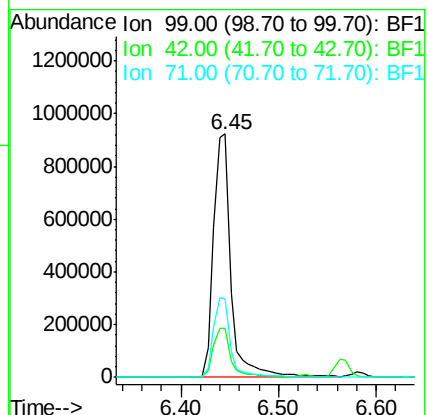
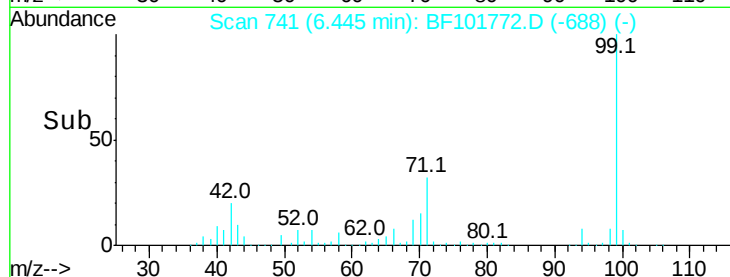
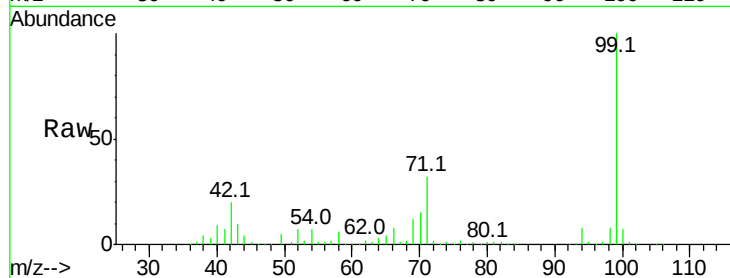
Tot Ion: 99 Resp: 1149643

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 31.109 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

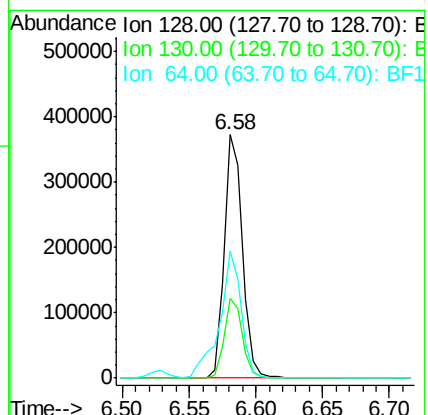
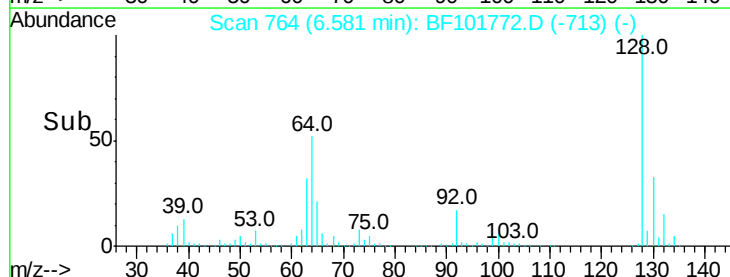
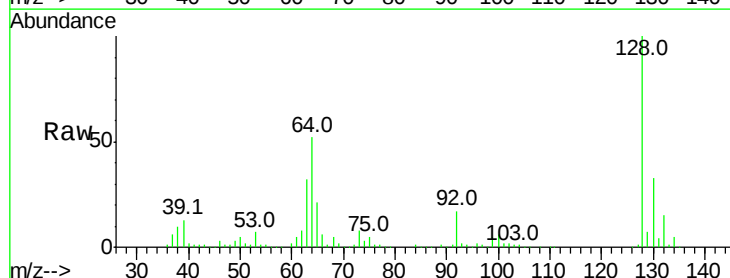
Tgt Ion: 128 Resp: 359707

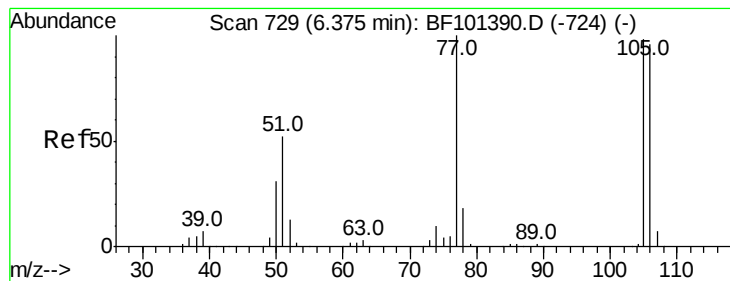
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 52.2 29.4 69.4





#9

Benzaldehyde

Concen: 15.181 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

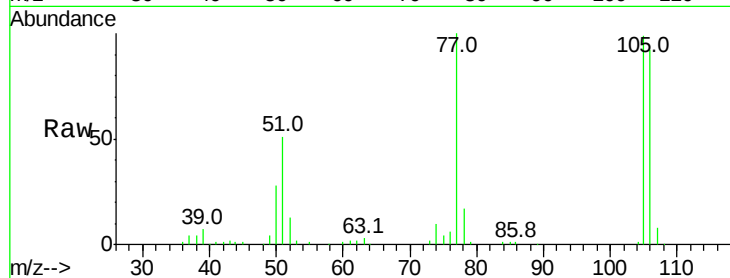
Tot Ion: 77 Resp: 153366

Ion Ratio Lower Upper

77 100

105 98.8 81.1 121.1

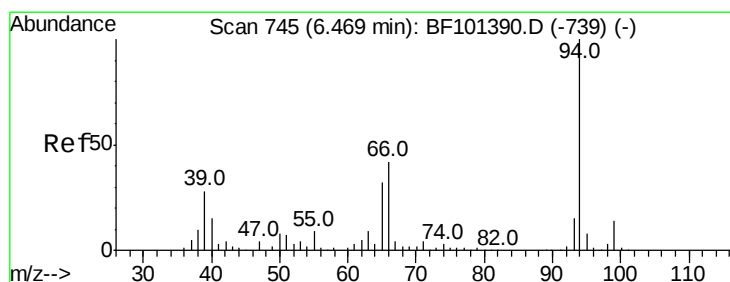
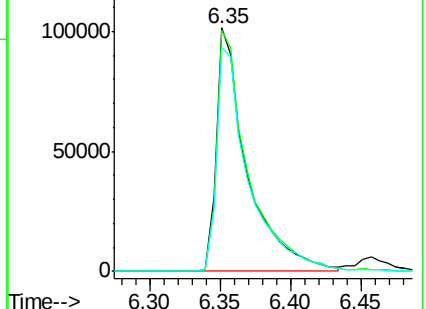
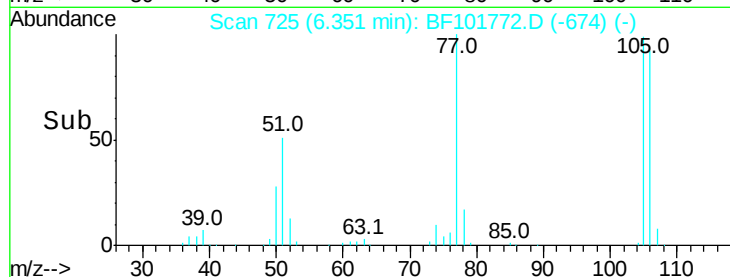
106 92.4 74.5 114.5



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: 30.554 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

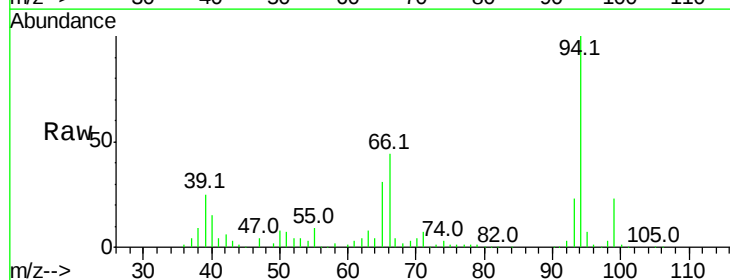
Tgt Ion: 94 Resp: 476390

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

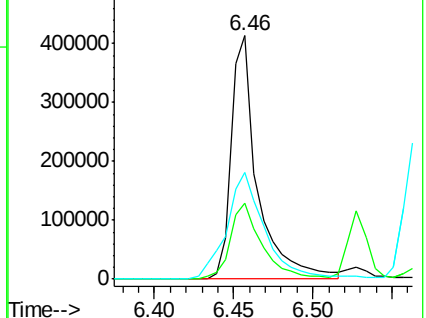
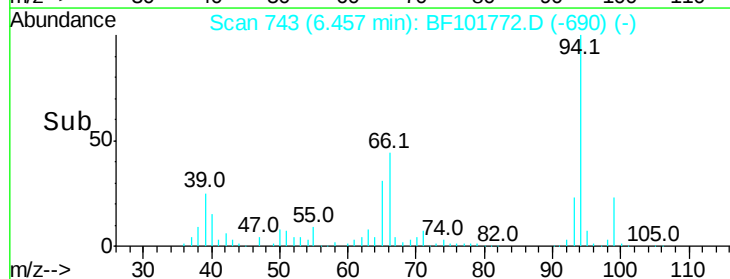
66 43.8 16.2 56.2

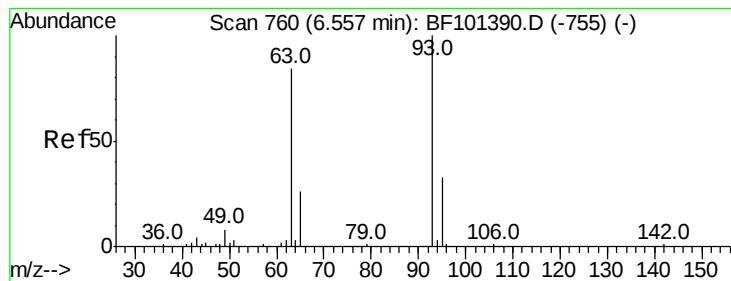


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



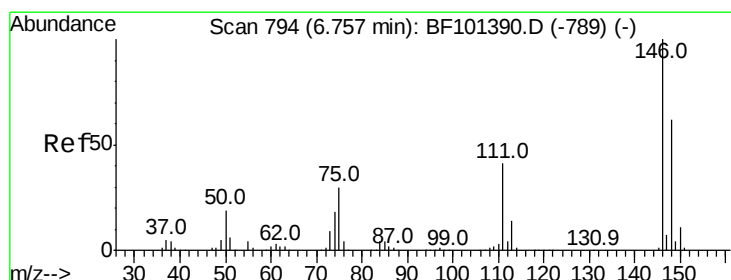
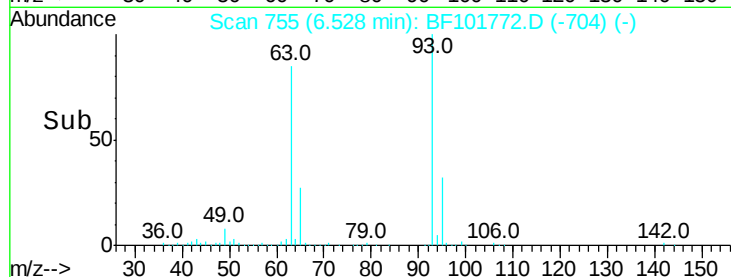
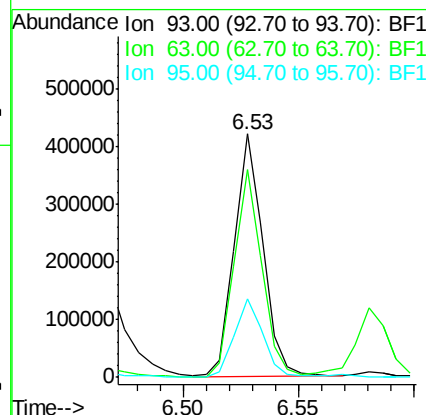
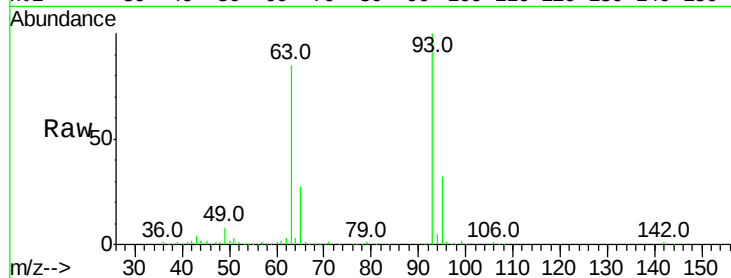


#11

bis(2-Chloroethyl)ether
Concen: 29.498 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampled :

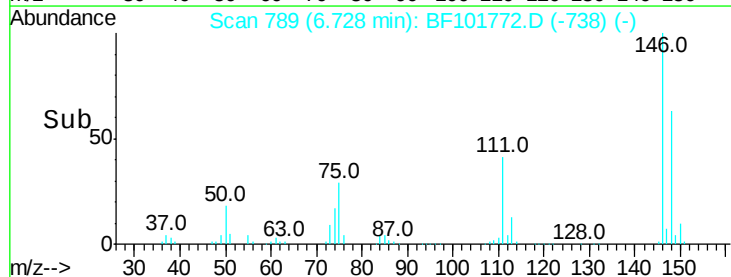
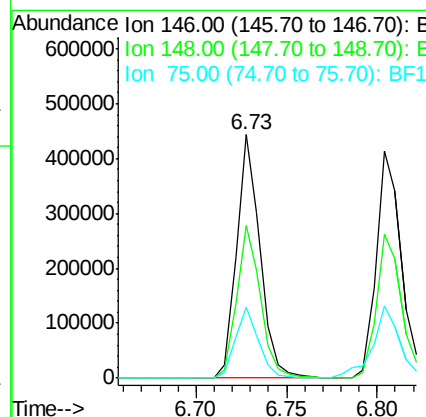
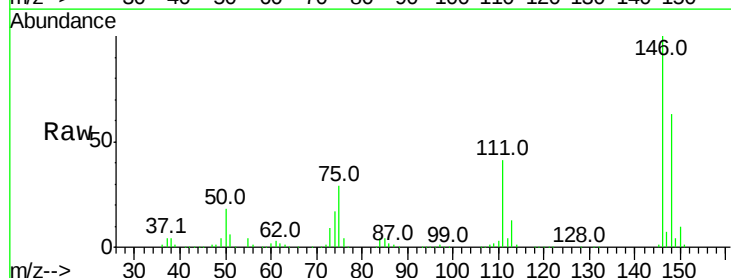
Tot Ion: 93 Resp: 360763
Ion Ratio Lower Upper
93 100
63 85.3 58.6 98.6
95 32.2 11.8 51.8

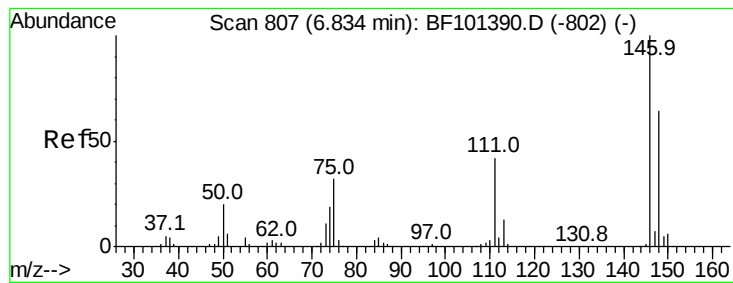


#12

1,3-Dichlorobenzene
Concen: 30.597 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion: 146 Resp: 399290
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
75 28.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 30.573 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampled :

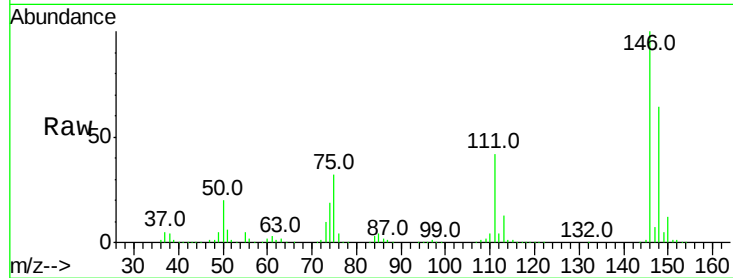
Tot Ion:146 Resp: 407426

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

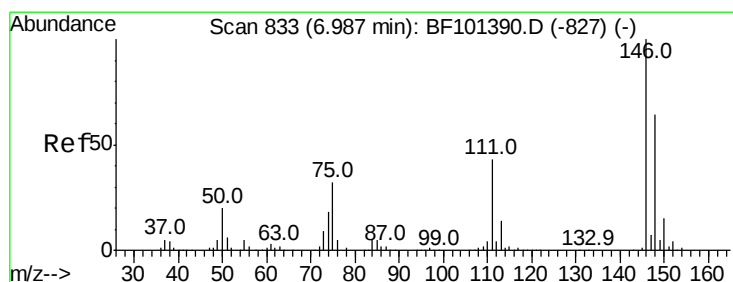
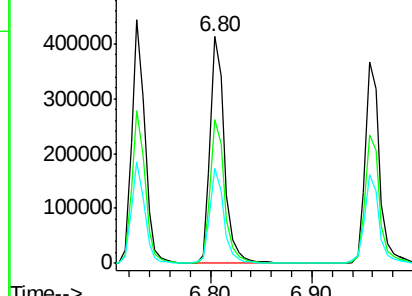
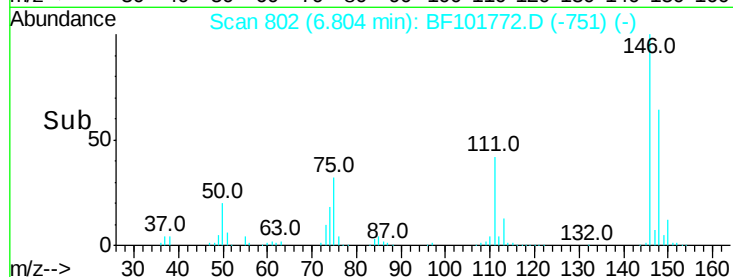
111 42.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.101 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

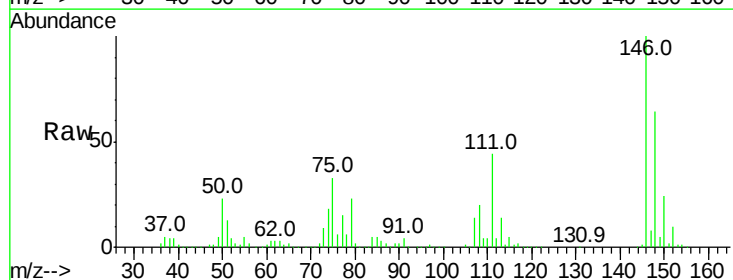
Tgt Ion:146 Resp: 361070

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

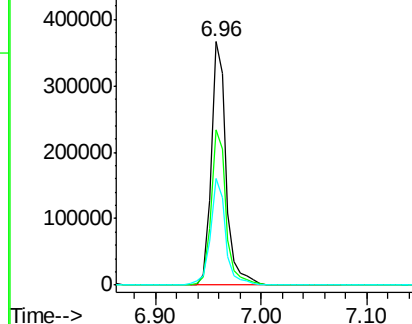
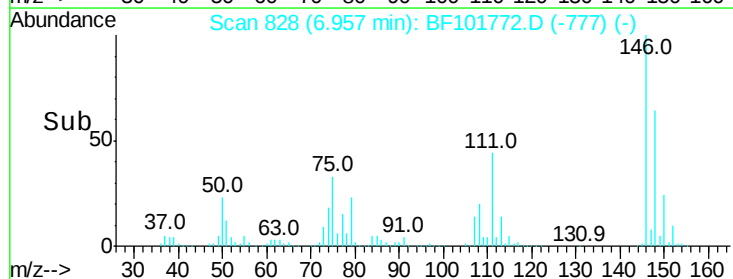
111 43.9 36.0 54.0

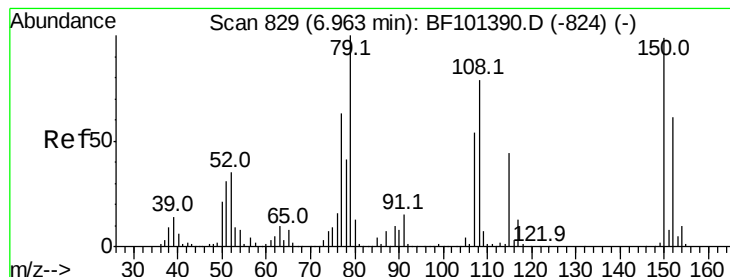


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.748 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

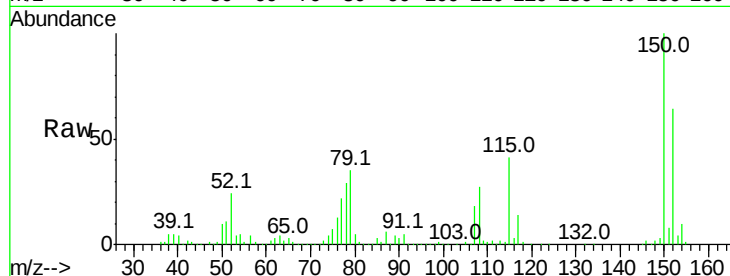
Tot Ion: 79 Resp: 280097

Ion Ratio Lower Upper

79 100

108 75.8 65.1 97.7

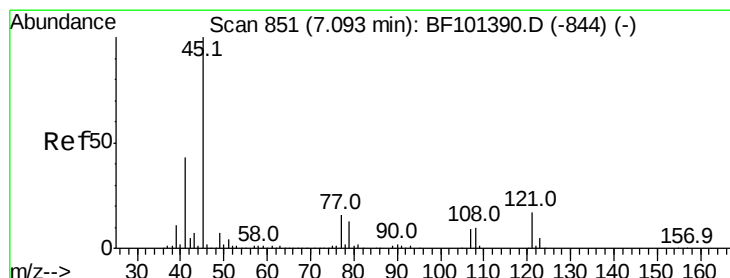
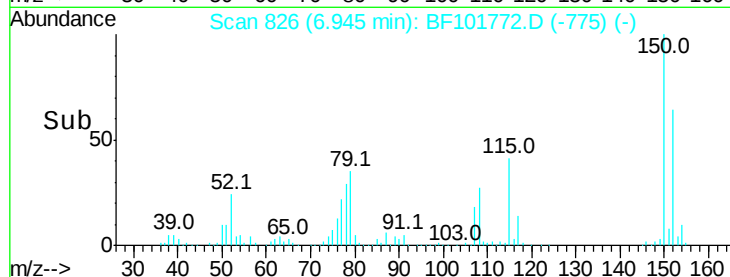
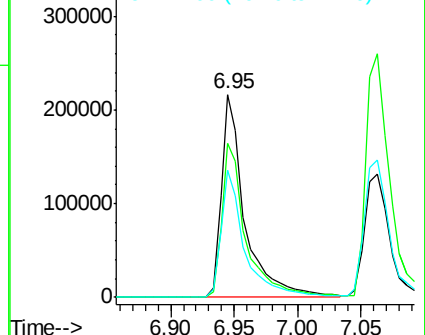
77 62.4 50.6 75.8



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: 32.369 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

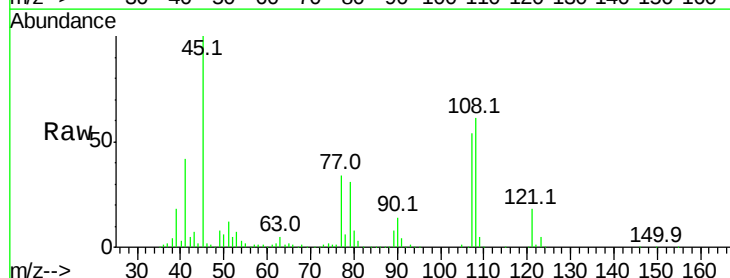
Tgt Ion: 45 Resp: 605871

Ion Ratio Lower Upper

45 100

77 34.5 0.0 32.9#

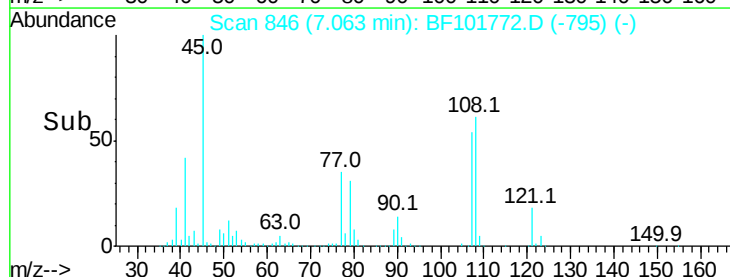
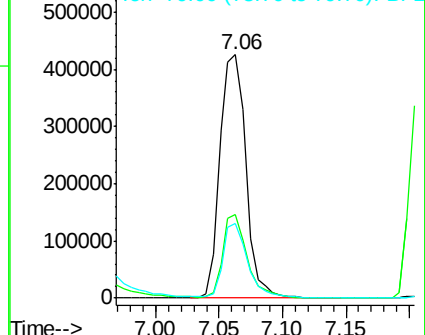
79 30.9 0.0 29.6#

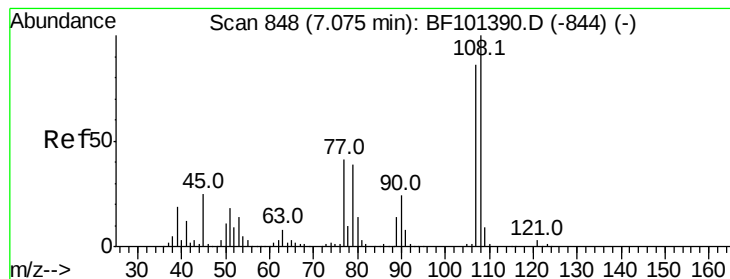


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

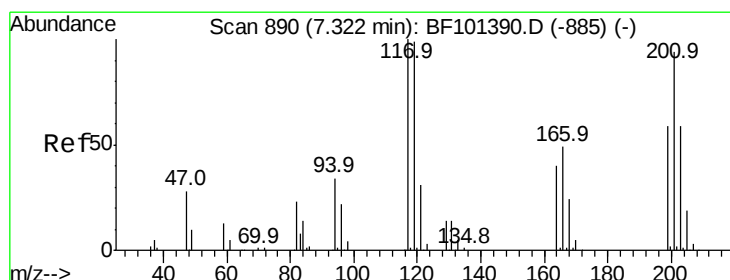
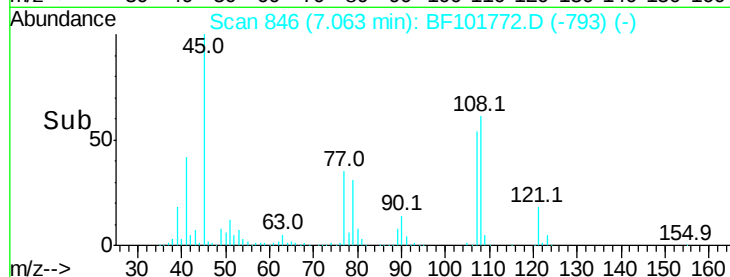
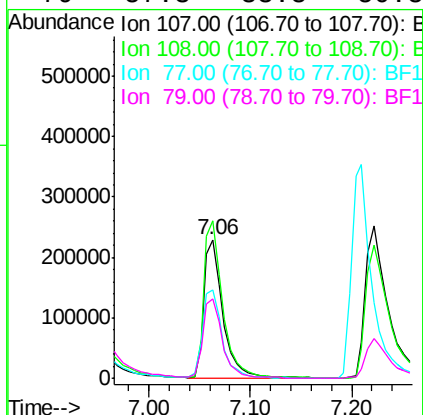
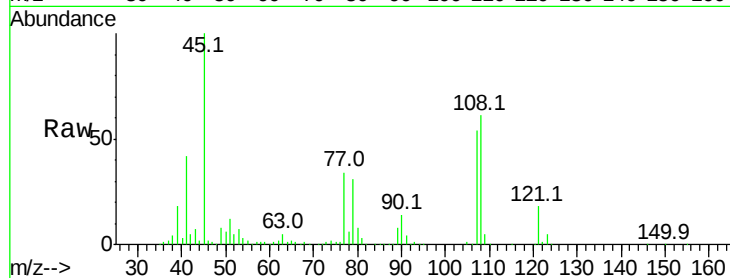




#17
2-Methylphenol
Concen: 27.523 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

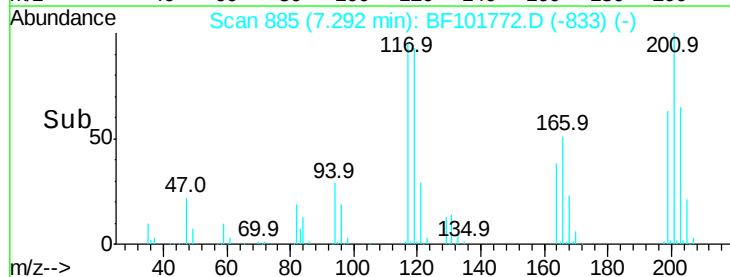
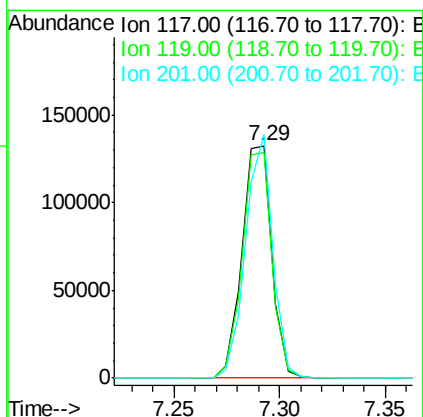
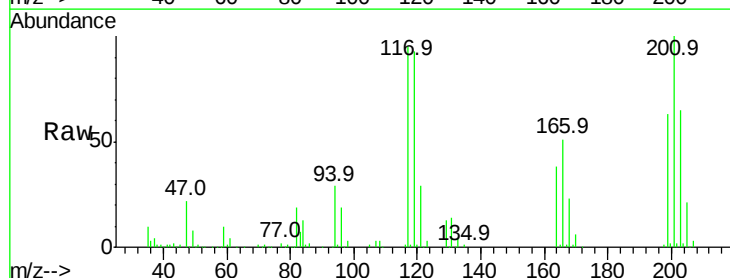
Instrument :
BNA_F
ClientSampled :

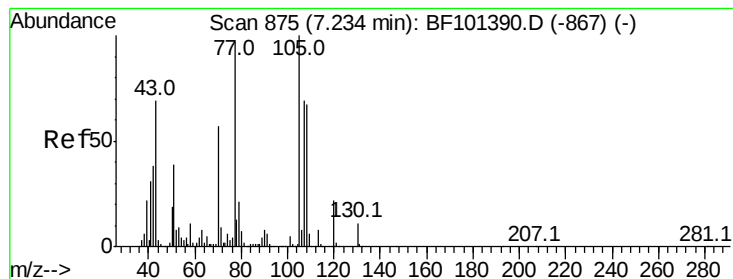
Tot Ion:107 Resp: 292734
Ion Ratio Lower Upper
107 100
108 113.3 91.7 137.5
77 64.0 33.8 50.8#
79 57.3 33.8 50.8#



#18
Hexachloroethane
Concen: 27.977 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:117 Resp: 129626
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
201 104.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 28.495 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 255992

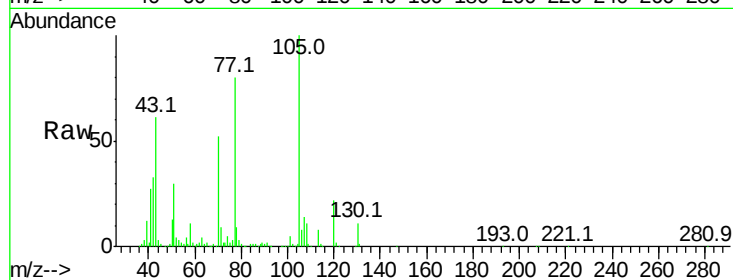
Ion Ratio Lower Upper

70 100

42 64.1 47.5 71.3

101 9.8 7.4 11.2

130 21.1 16.6 25.0

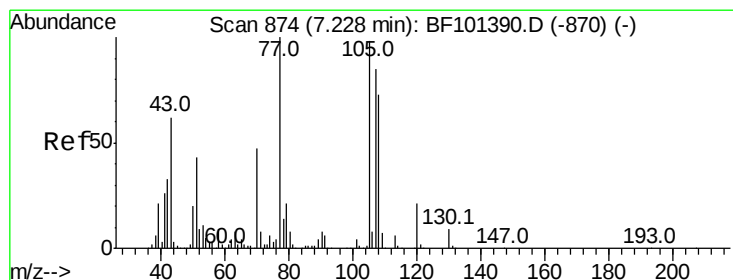
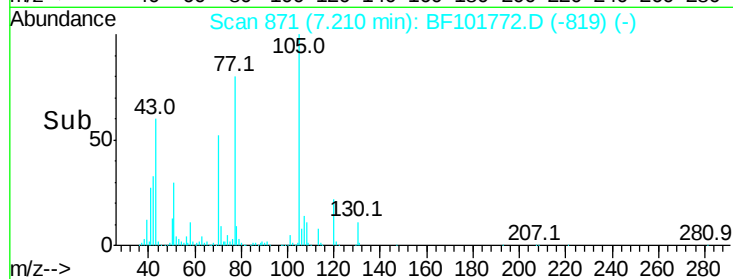
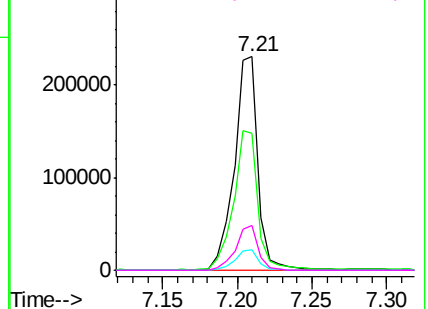


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 35.902 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Tgt Ion: 107 Resp: 404640

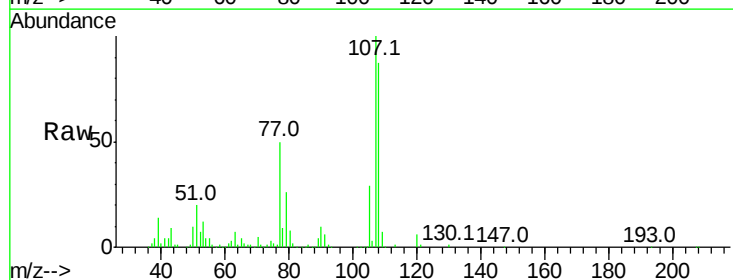
Ion Ratio Lower Upper

107 100

108 87.3 68.2 108.2

77 49.9 26.7 66.7

79 26.4 6.3 46.3

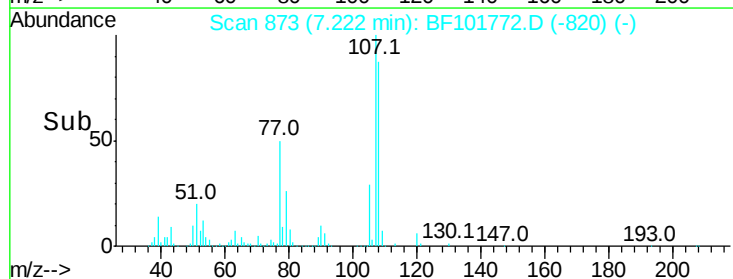
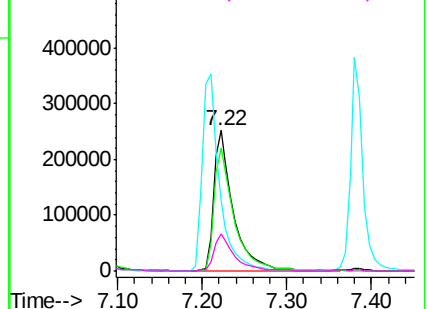


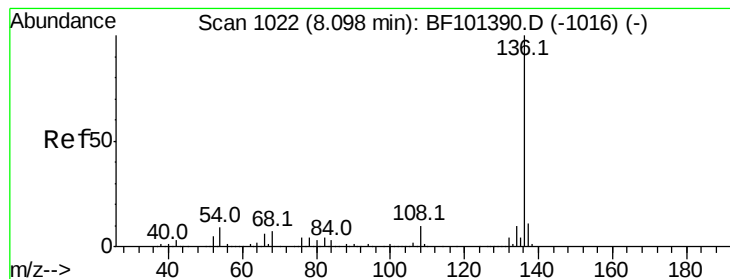
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 633914

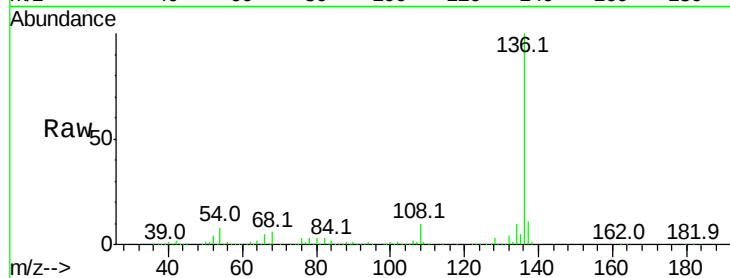
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 6.4 5.0 7.4

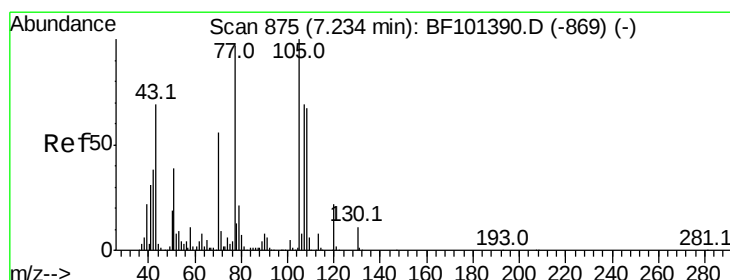
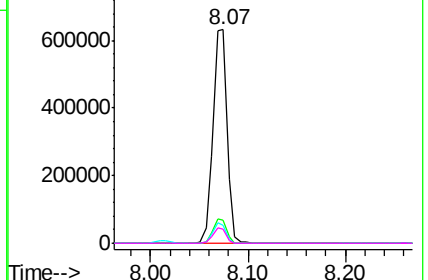
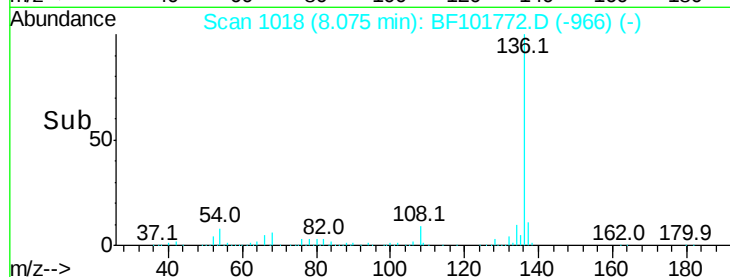


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.101 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Tgt Ion:105 Resp: 507711

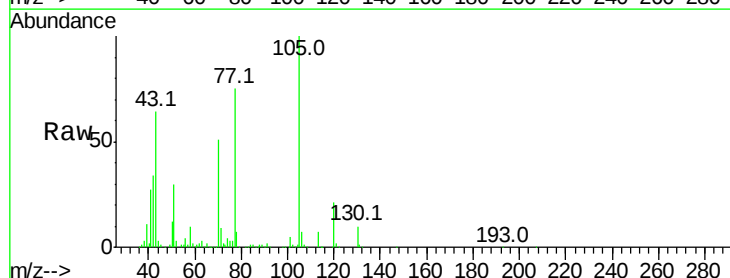
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 29.7 22.3 33.5

120 20.8 16.9 25.3

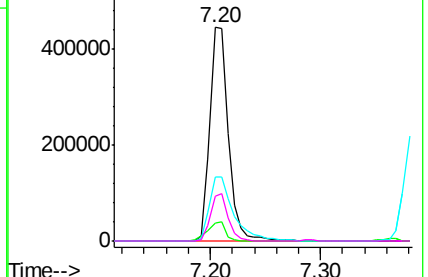
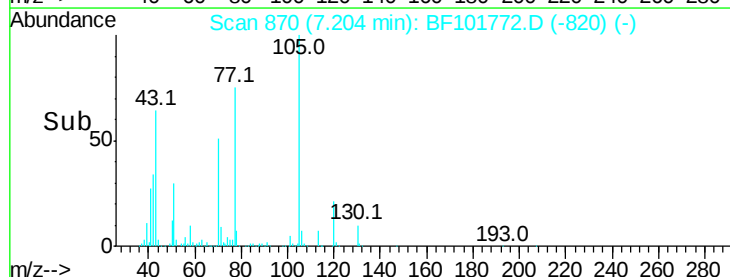


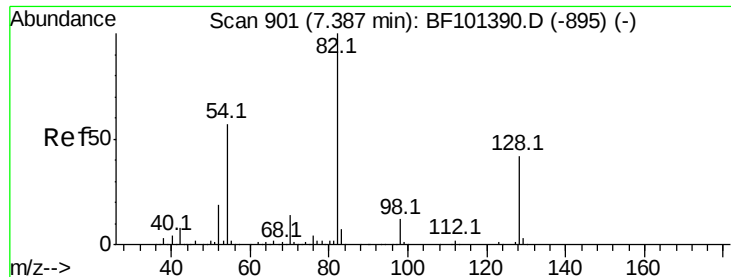
Abundance Ion 105.00 (104.70 to 105.70): E

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

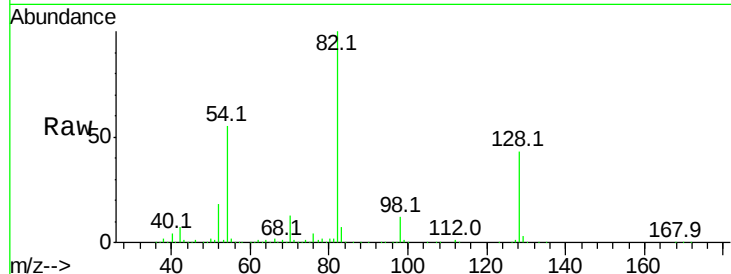




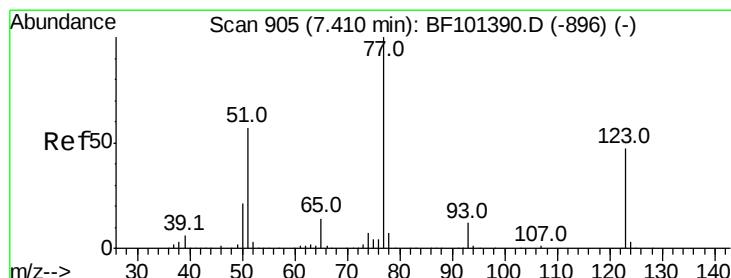
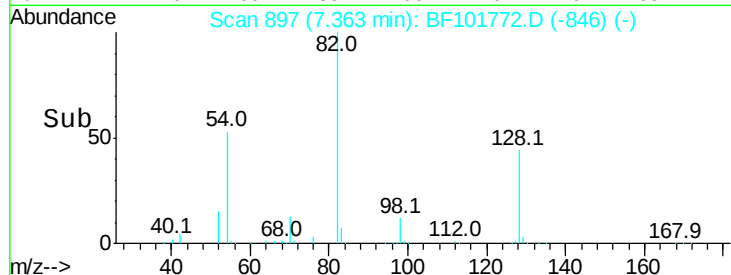
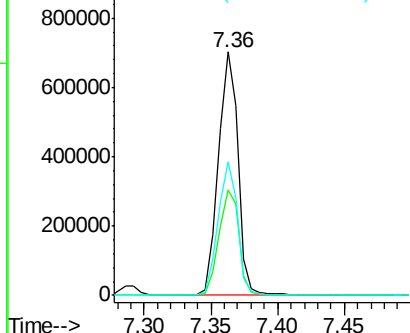
#23
Nitrobenzene-d5
Concen: 64.478 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 734267
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 54.8 41.4 62.2

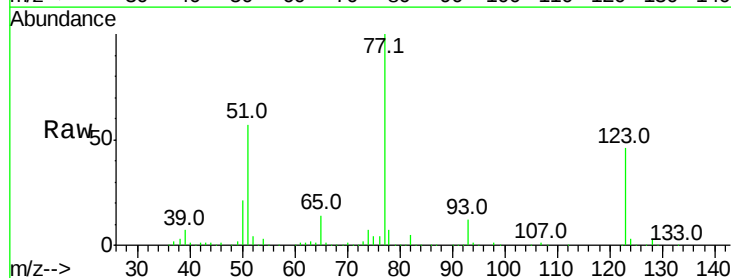


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

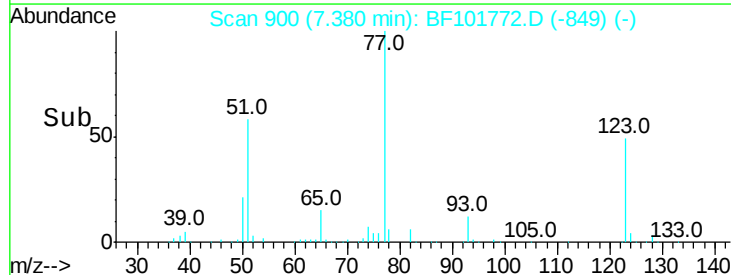
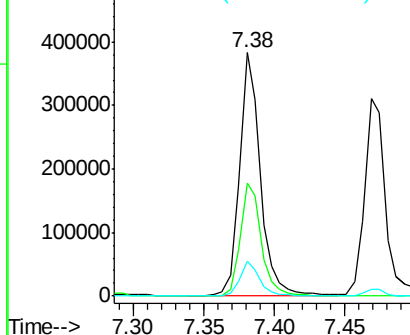


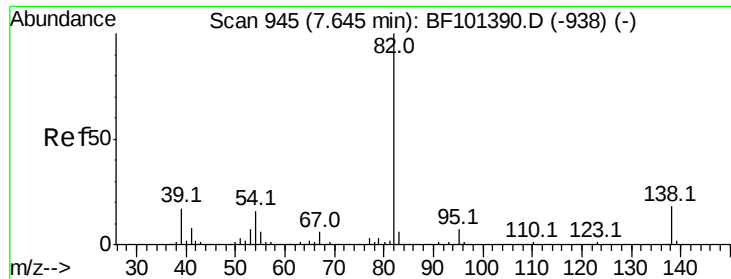
#24
Nitrobenzene
Concen: 31.057 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion: 77 Resp: 391432
Ion Ratio Lower Upper
77 100
123 46.4 37.9 56.9
65 14.1 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: 31.336 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

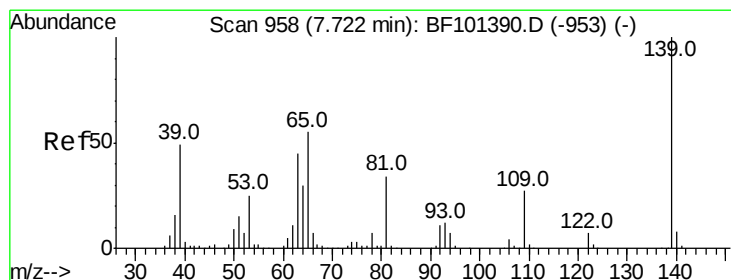
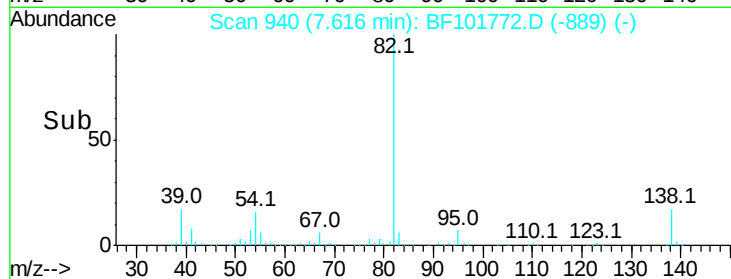
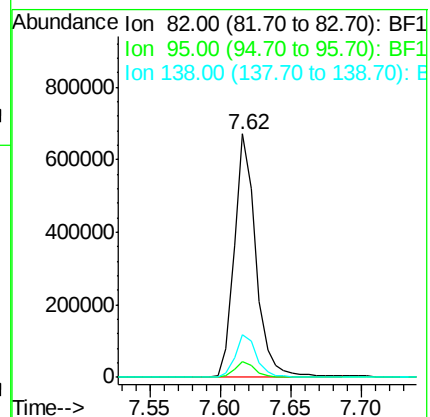
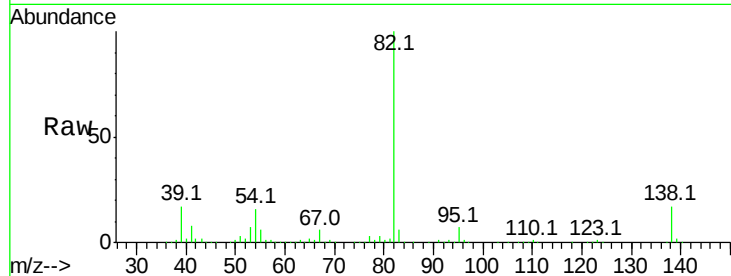
Tot Ion: 82 Resp: 715874

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 36.473 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

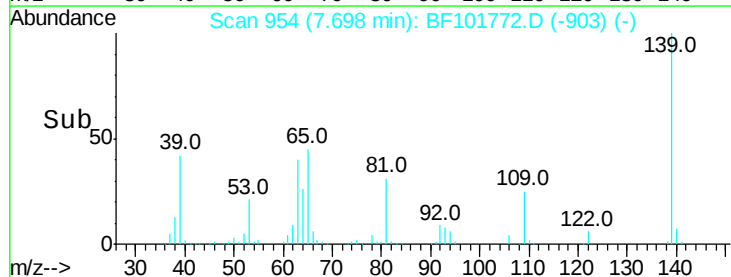
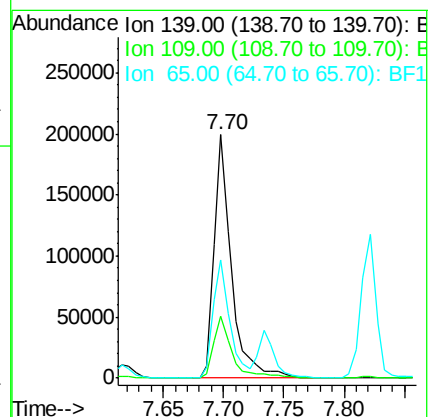
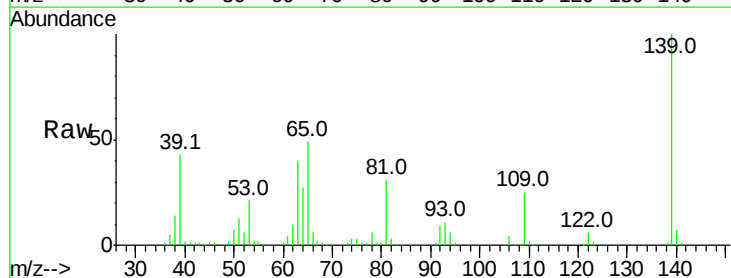
Tgt Ion: 139 Resp: 197490

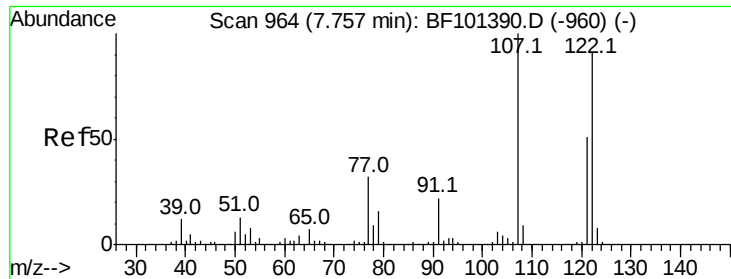
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 48.8 40.5 60.7



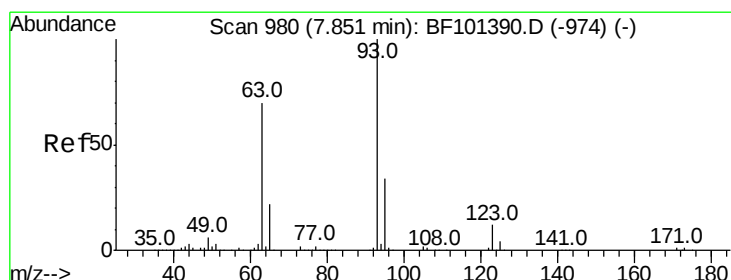
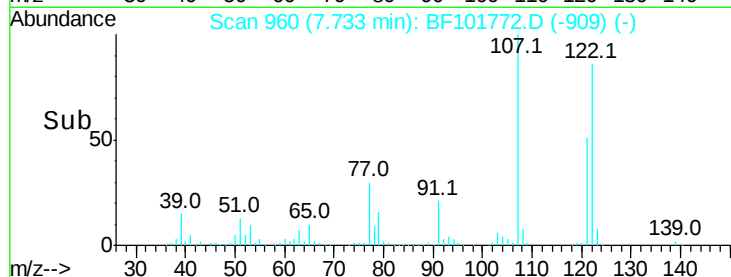
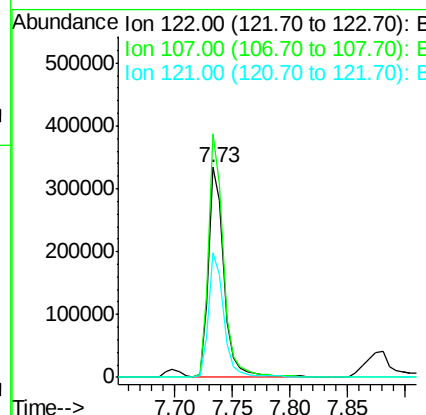
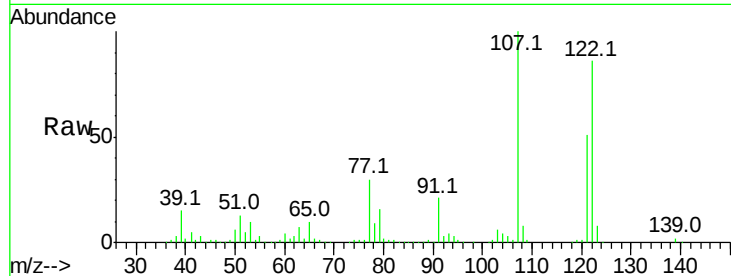


#27
 2,4-Dimethylphenol
 Concen: 34.419 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 316610

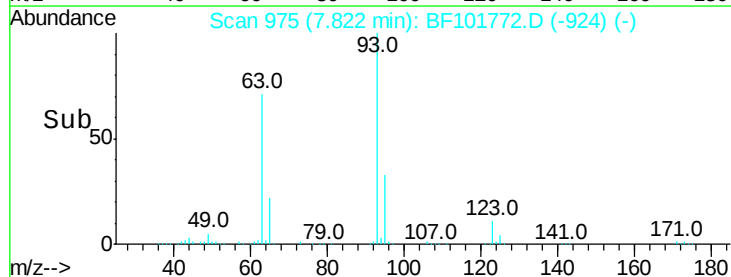
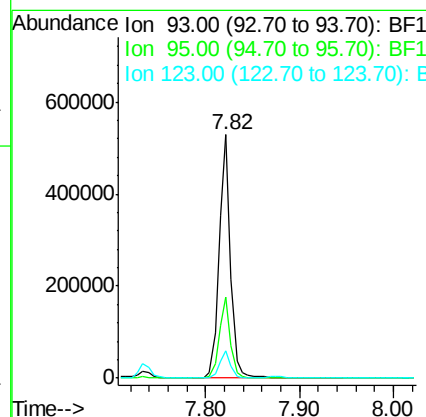
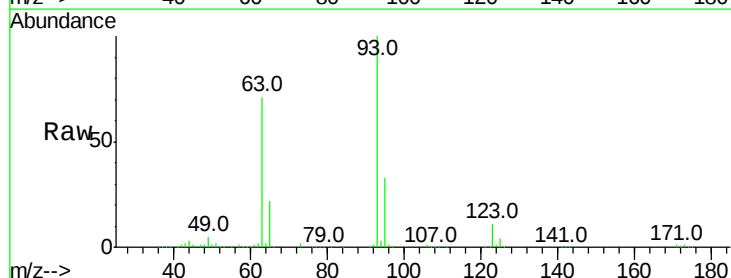
Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.2	136.8
121	59.3	47.2	70.8

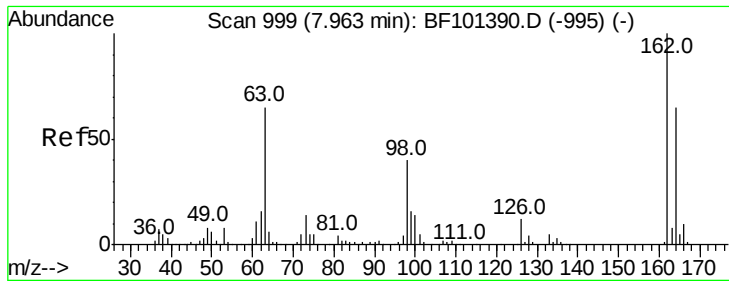


#28
 bis(2-Chloroethoxy)methane
 Concen: 31.342 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion: 93 Resp: 454820

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.3	9.8	14.6

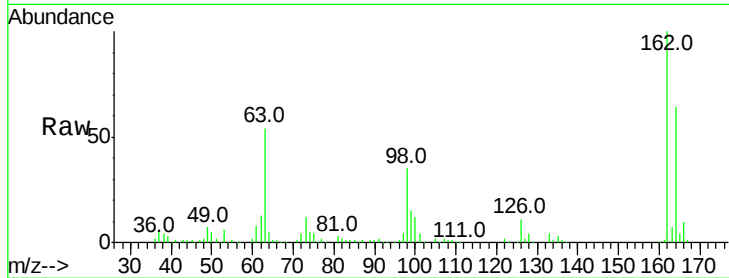




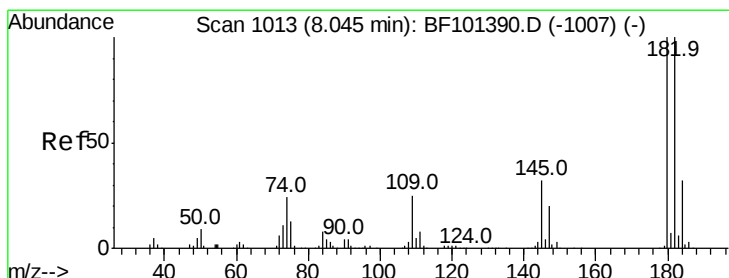
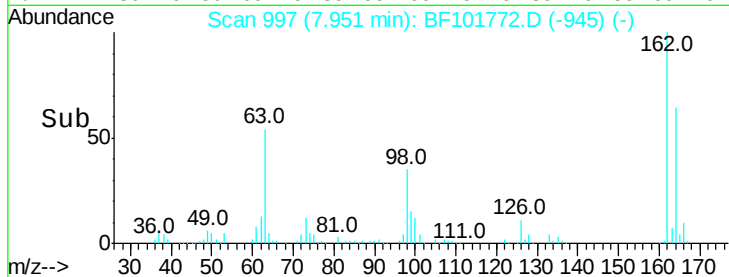
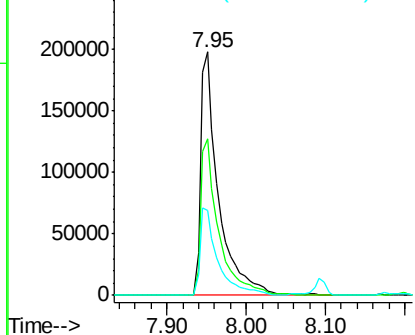
#29
2,4-Dichlorophenol
Concen: 34.477 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 313326
Ion Ratio Lower Upper
162 100
164 64.3 42.7 82.7
98 35.0 18.1 58.1

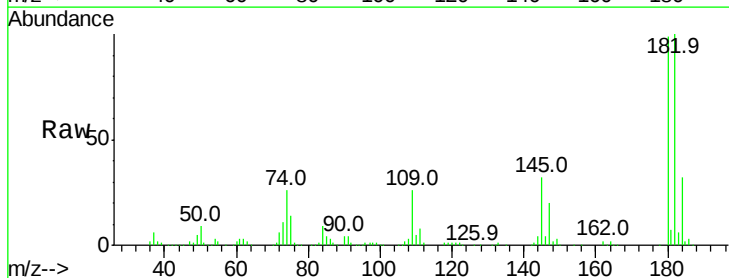


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

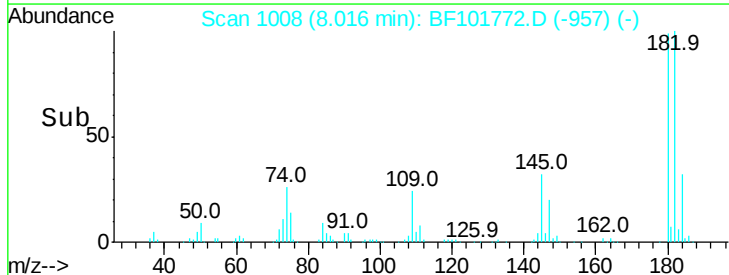
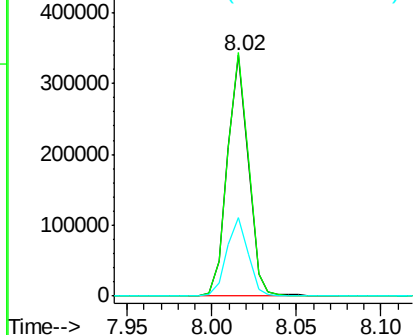


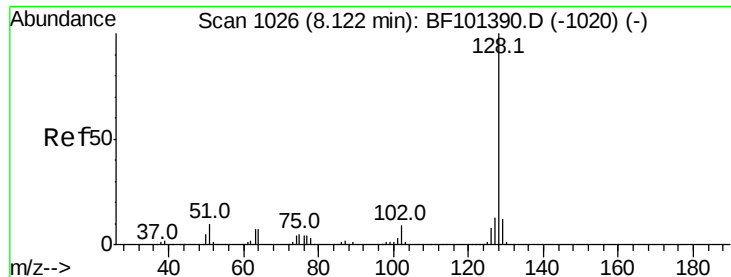
#30
1,2,4-Trichlorobenzene
Concen: 30.791 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:180 Resp: 295306
Ion Ratio Lower Upper
180 100
182 101.0 76.8 115.2
145 32.7 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

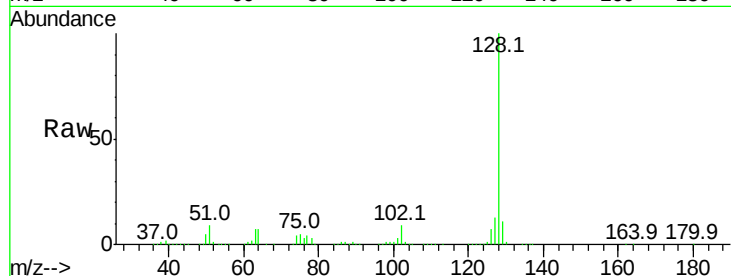




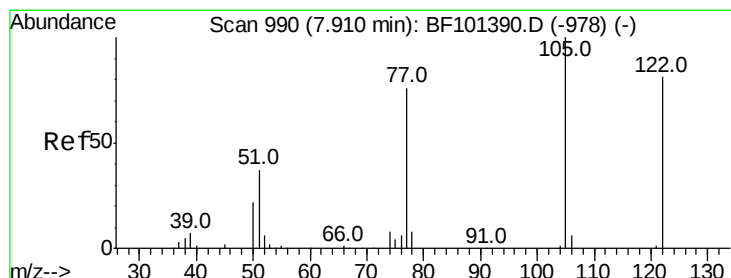
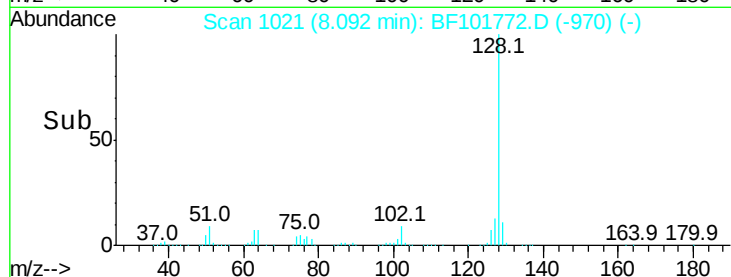
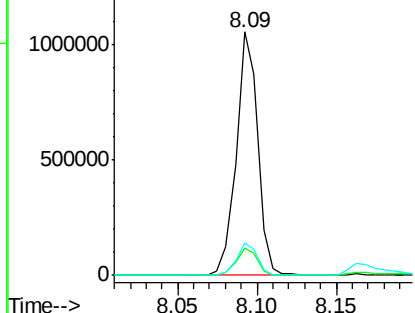
#31
Naphthalene
Concen: 31.015 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 989788
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.1 10.9 16.3

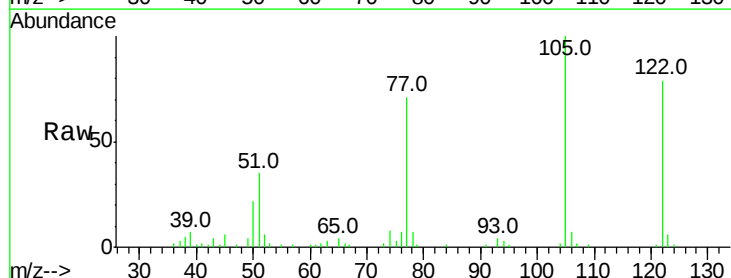


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

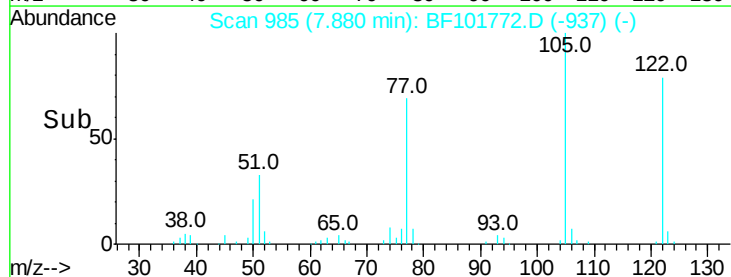
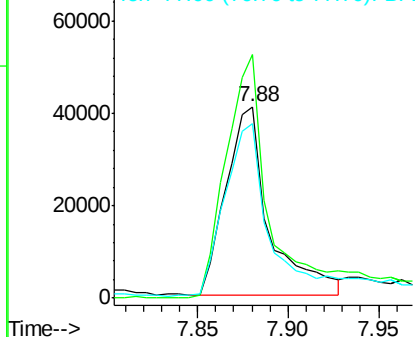


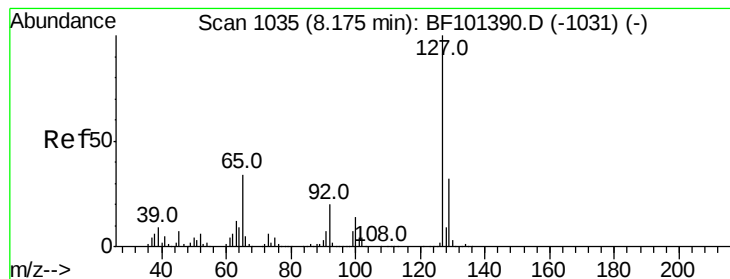
#32
Benzoic acid
Concen: 17.139 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:122 Resp: 68202
Ion Ratio Lower Upper
122 100
105 127.4 101.1 141.1
77 91.0 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: 6.298 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 87361

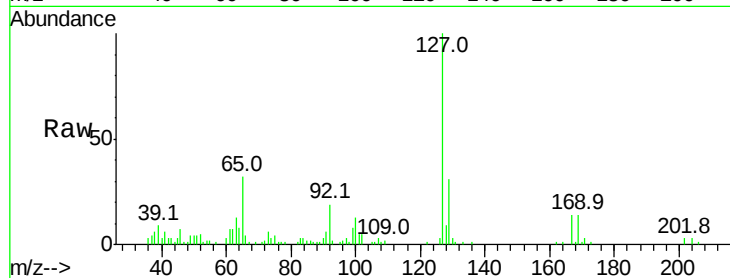
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 32.1 25.0 37.4

92 18.9 15.2 22.8

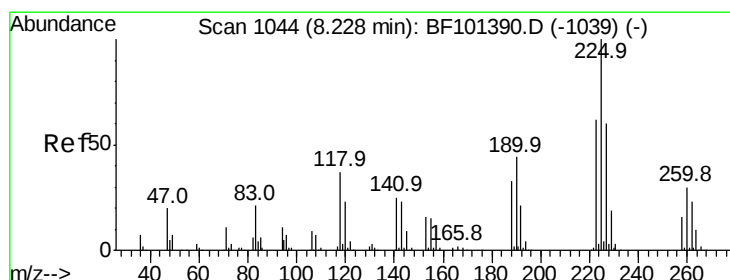
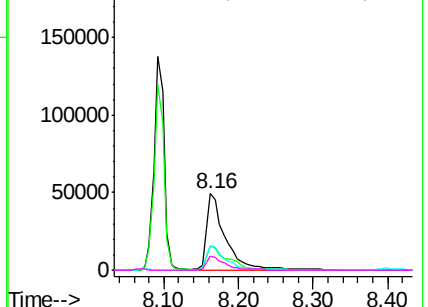
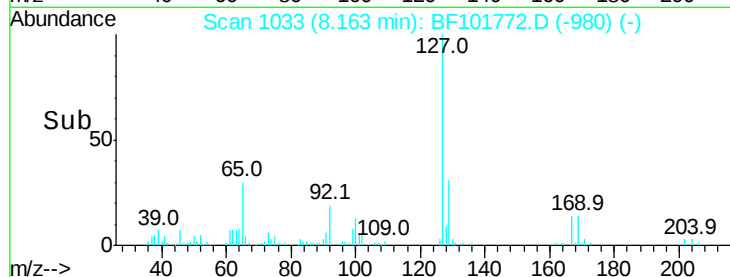


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.654 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

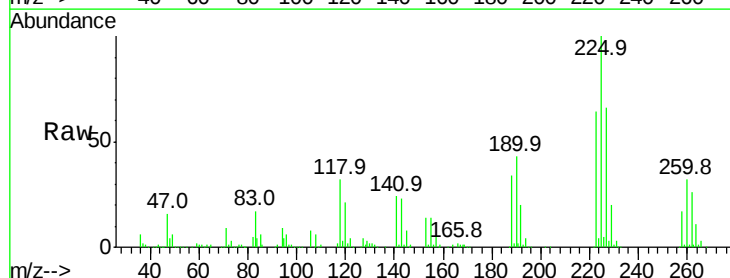
Tgt Ion:225 Resp: 170033

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

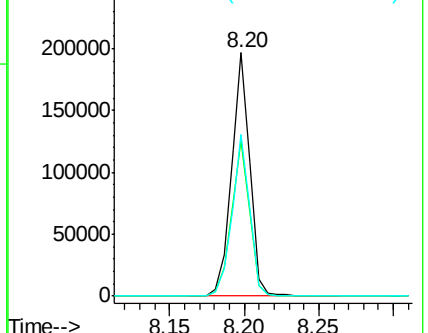
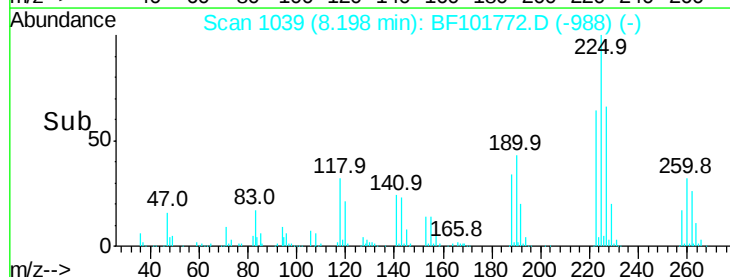
227 66.5 51.9 77.9

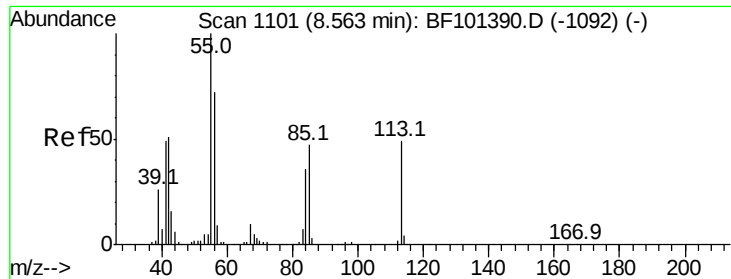


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

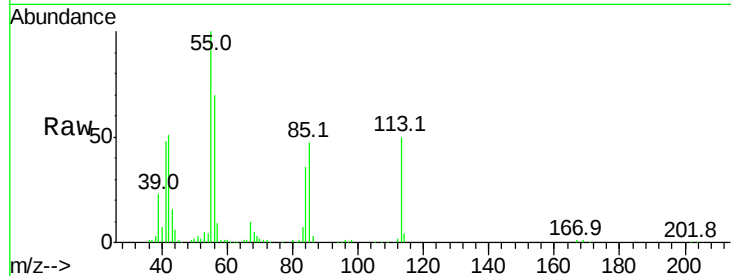




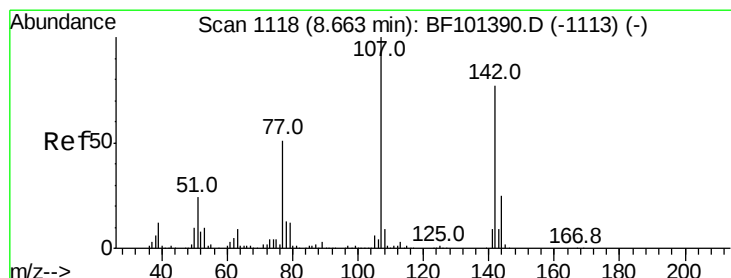
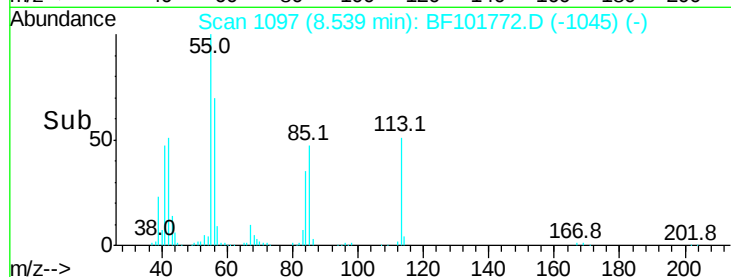
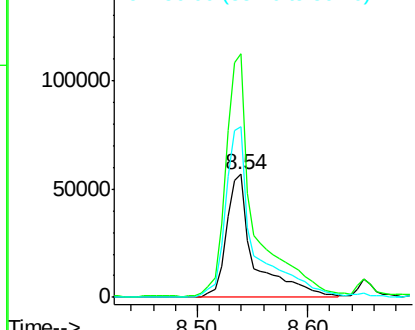
#35
Caprolactam
Concen: 31.992 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 100955
Ion Ratio Lower Upper
113 100
55 198.4 163.3 203.3
56 139.0 115.7 155.7

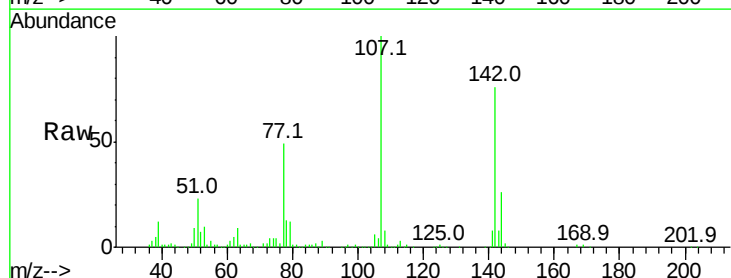


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

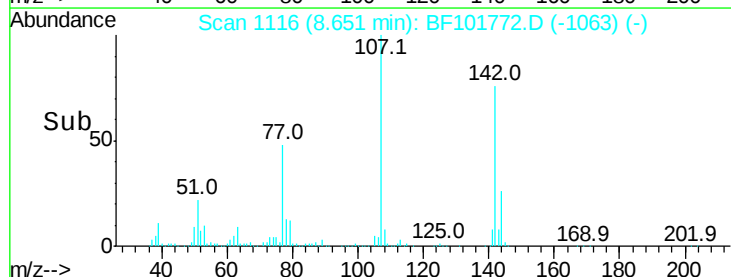
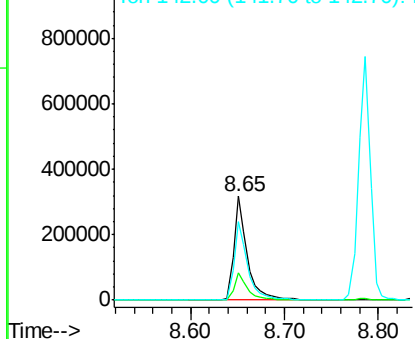


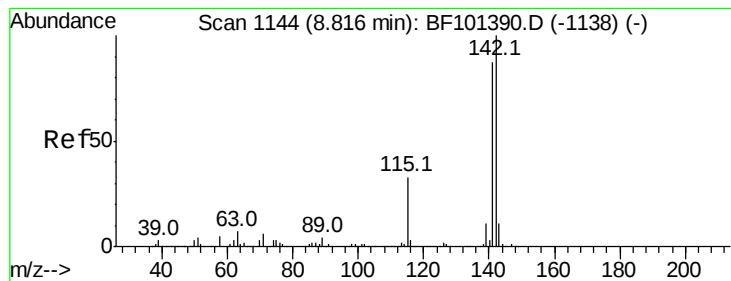
#36
4-Chloro-3-methylphenol
Concen: 31.400 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:107 Resp: 313643
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 75.6 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.882 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampled :

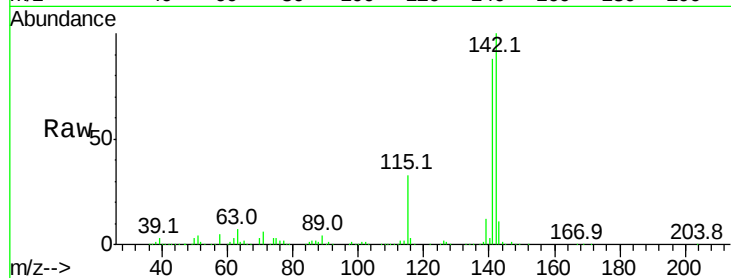
Tot Ion:142 Resp: 642115

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2

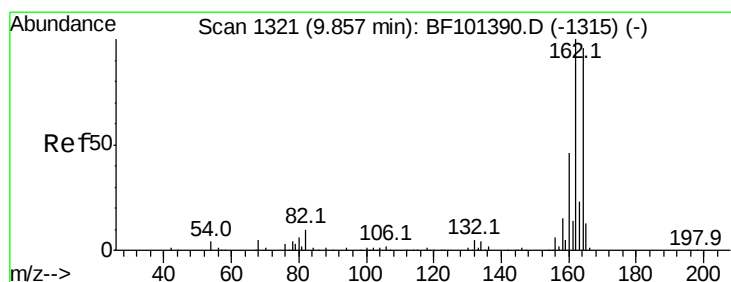
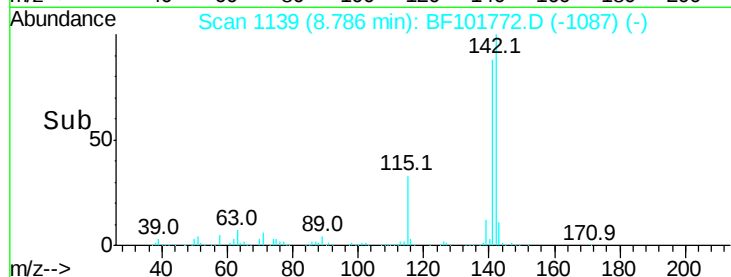
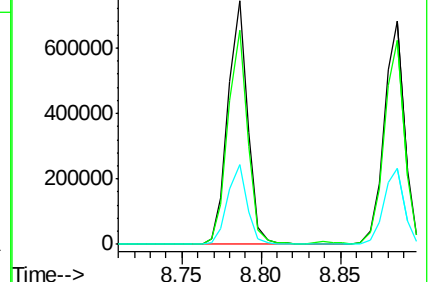
115 32.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

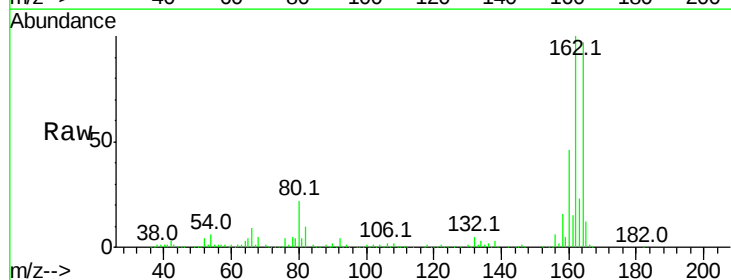
Tgt Ion:164 Resp: 276101

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

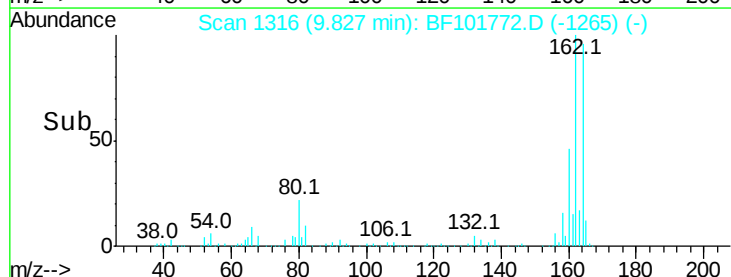
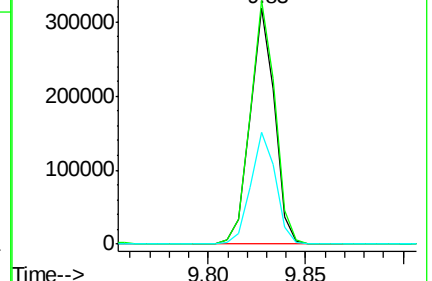
160 47.3 38.3 57.5

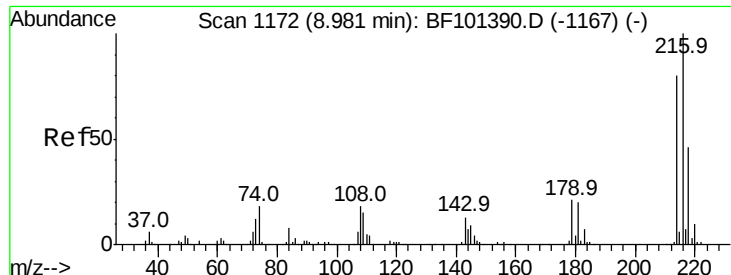


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

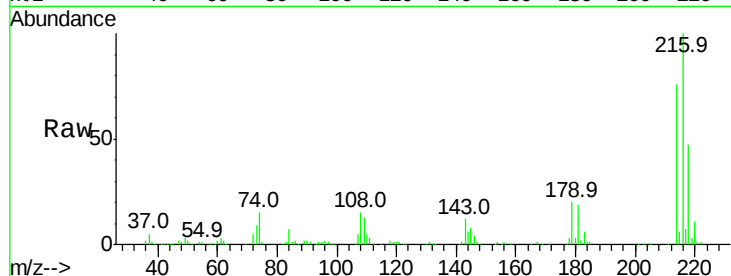




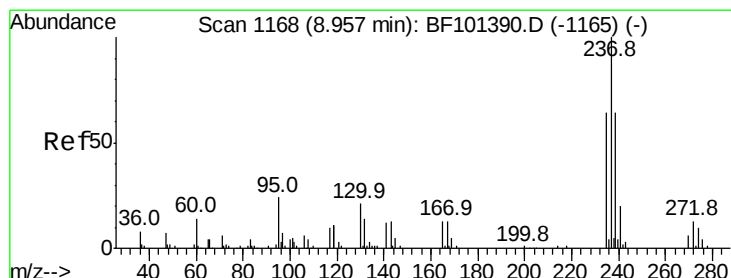
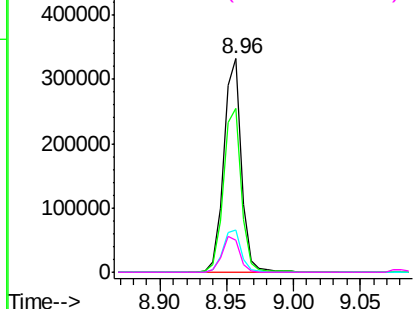
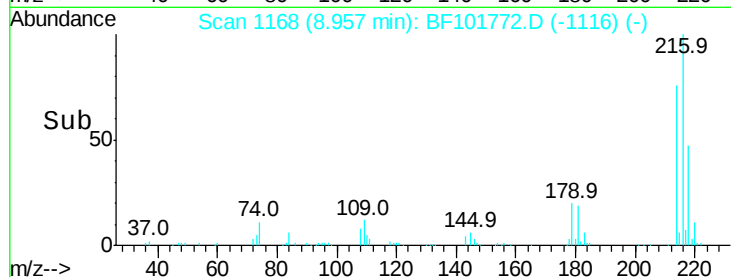
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.312 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	310528
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	20.6	18.1	27.1
108	17.1	17.2	25.8#

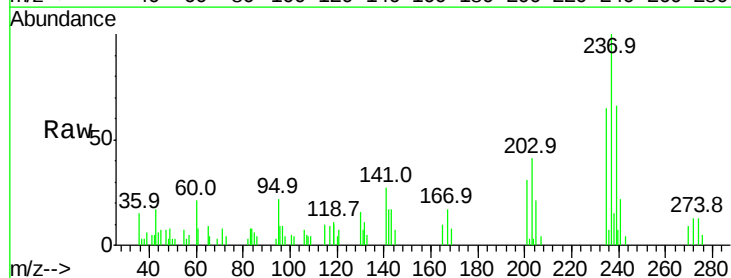


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

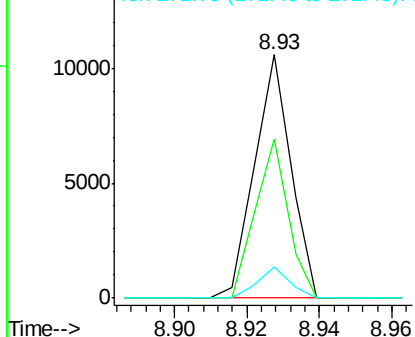
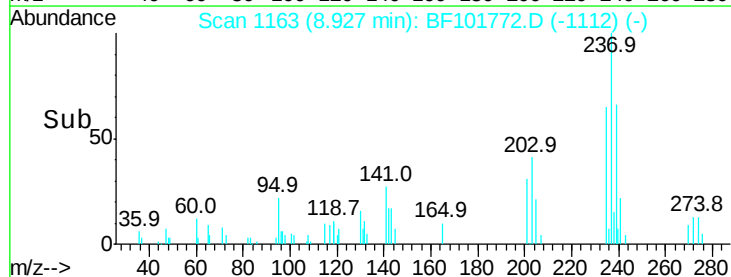


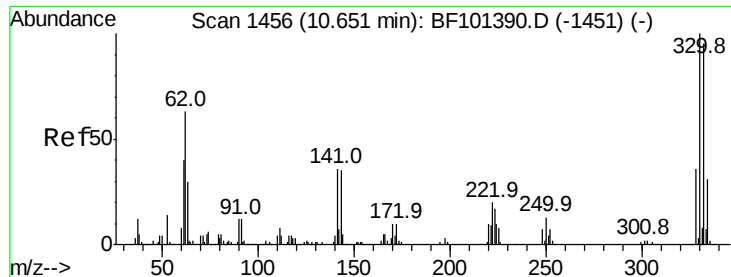
#40
 Hexachlorocyclopentadiene
 Concen: 16.545 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion:	237	Resp:	7304
Ion Ratio	Lower	Upper	
237	100		
235	65.4	44.8	84.8
272	12.8	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

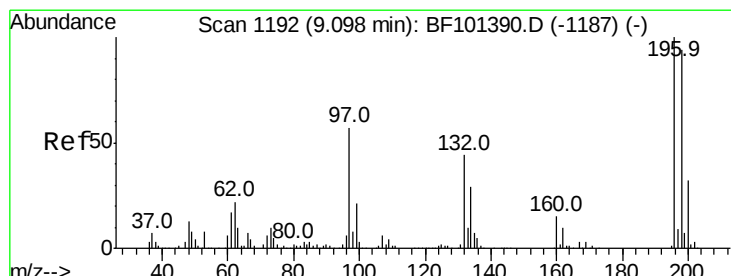
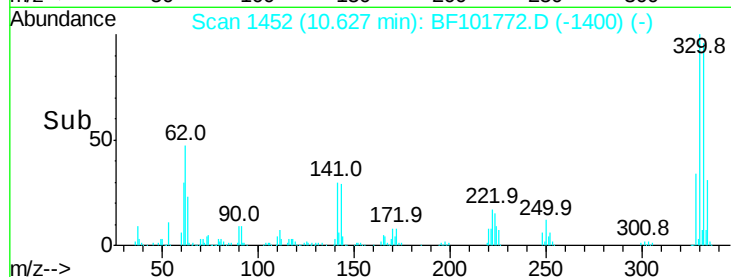
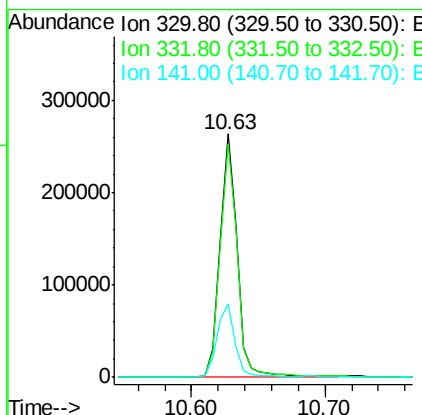
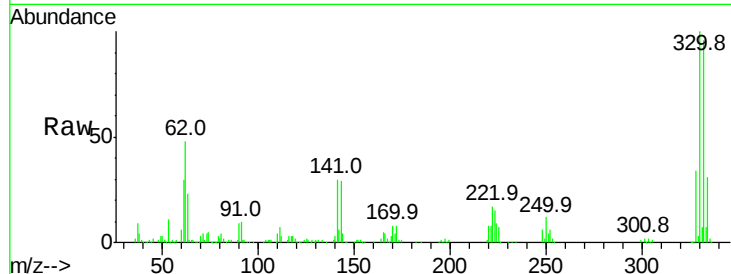




#41
 2,4,6-Tribromophenol
 Concen: 91.245 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

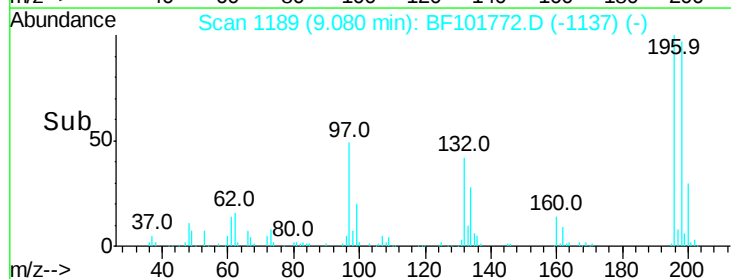
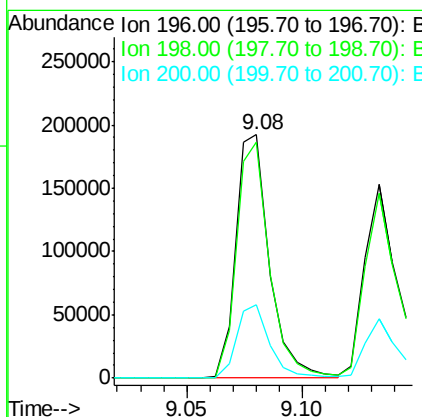
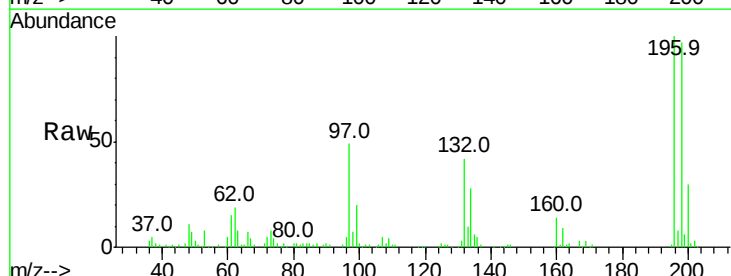
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 242753
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 31.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.863 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion:196 Resp: 195655
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 30.3 24.5 36.7

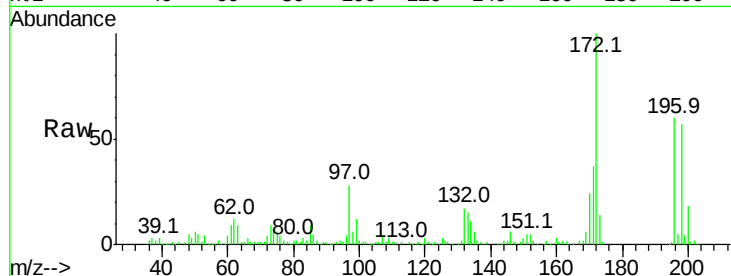




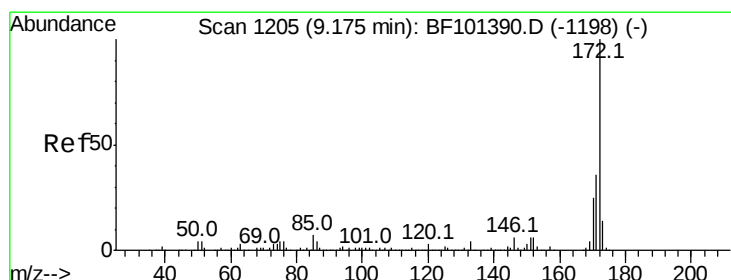
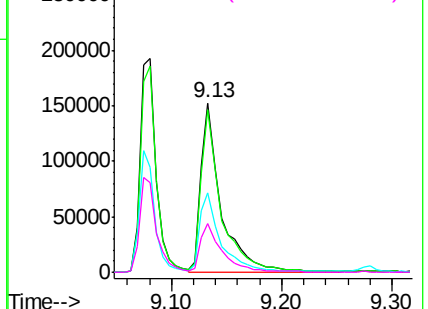
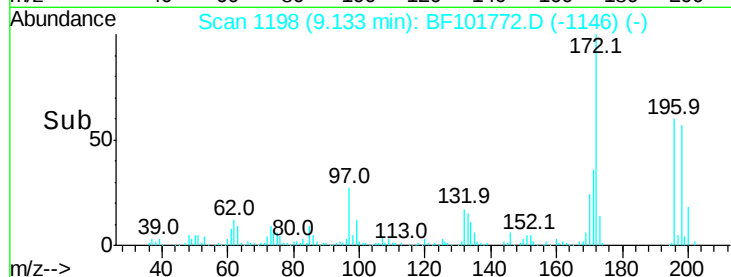
#43
2,4,5-Trichlorophenol
Concen: 30.544 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 187686
Ion Ratio Lower Upper
196 100
198 95.6 74.6 112.0
97 46.6 42.9 64.3
132 28.4 26.3 39.5

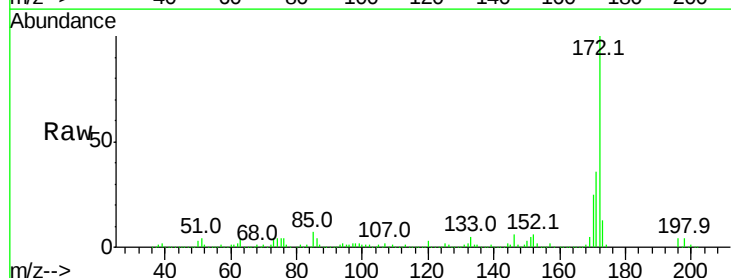


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

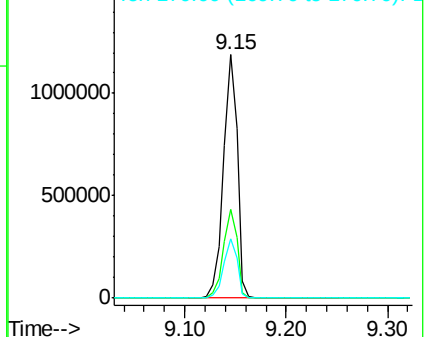
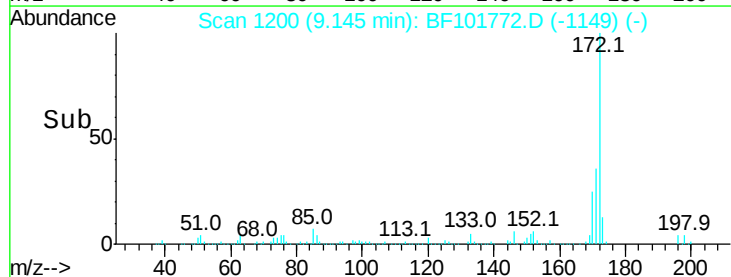


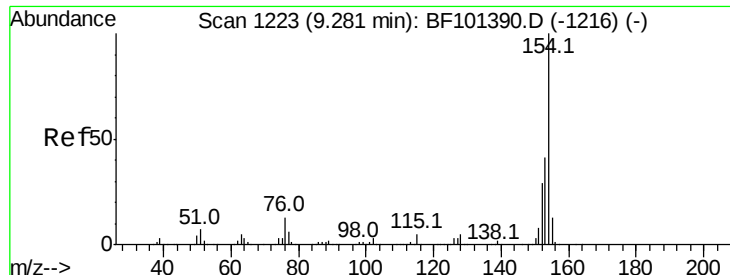
#44
2-Fluorobiphenyl
Concen: 63.504 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:172 Resp: 1130291
Ion Ratio Lower Upper
172 100
171 36.4 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

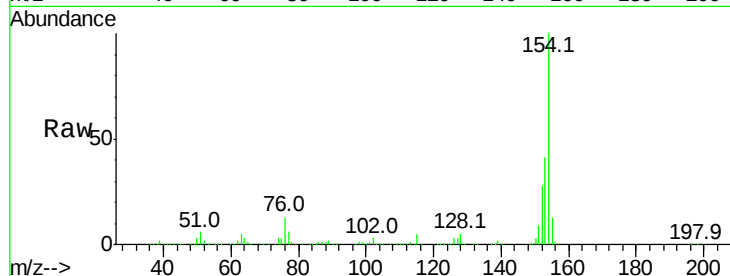




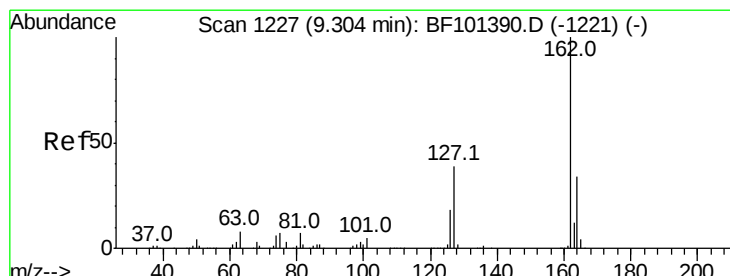
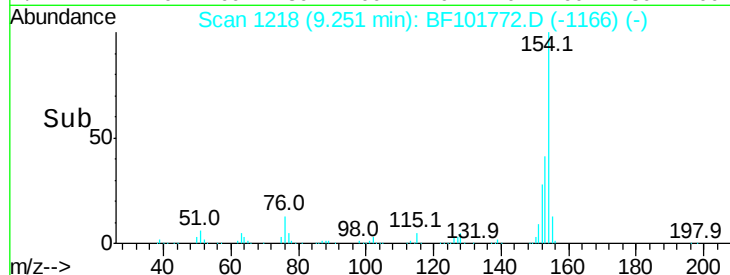
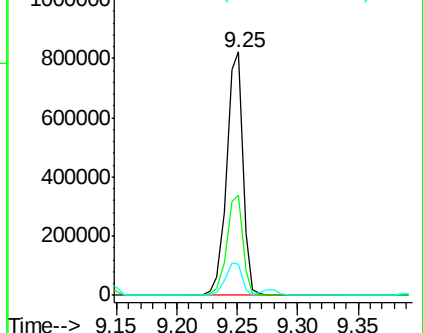
#45
 1,1'-Biphenyl
 Concen: 31.489 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.7	0.0	34.0

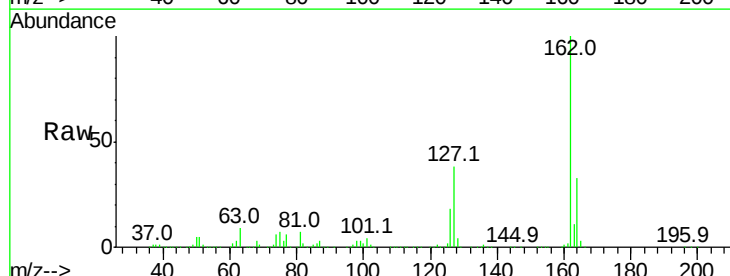


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

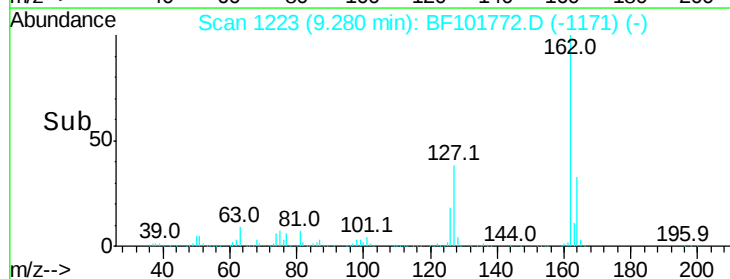
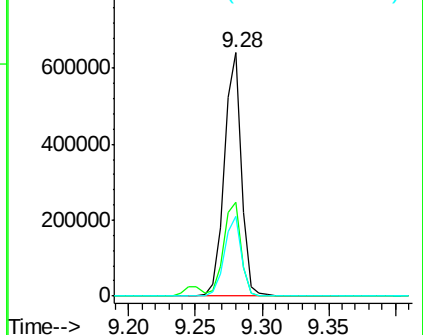


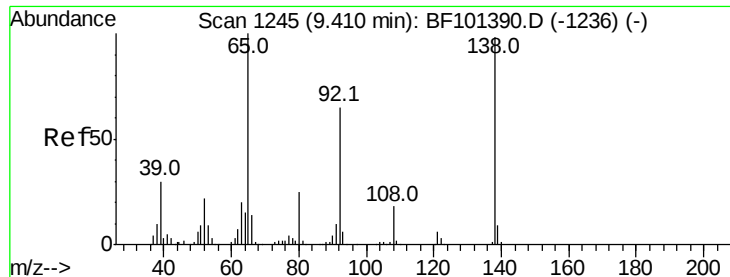
#46
 2-Chloronaphthalene
 Concen: 30.997 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.9	50.9
164	32.8	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

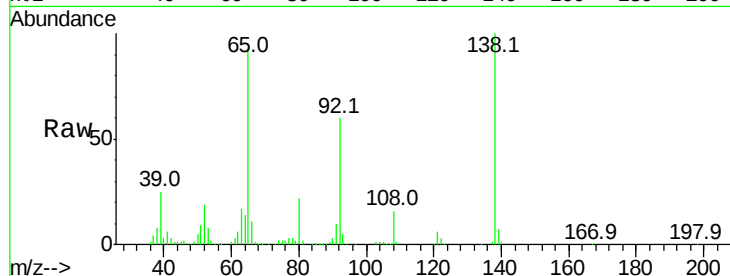




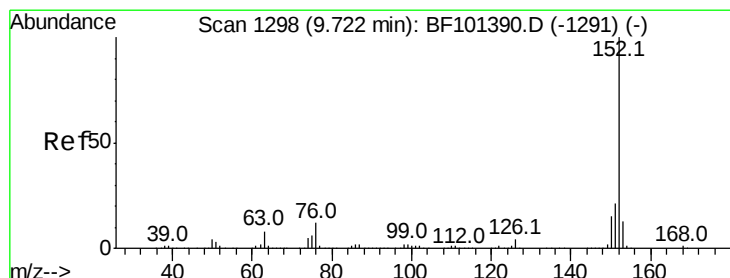
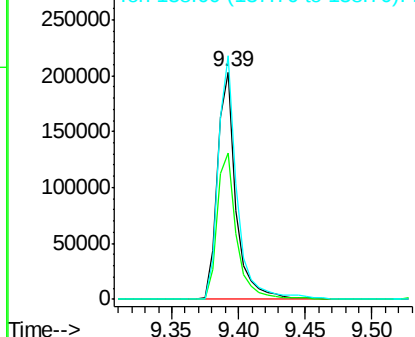
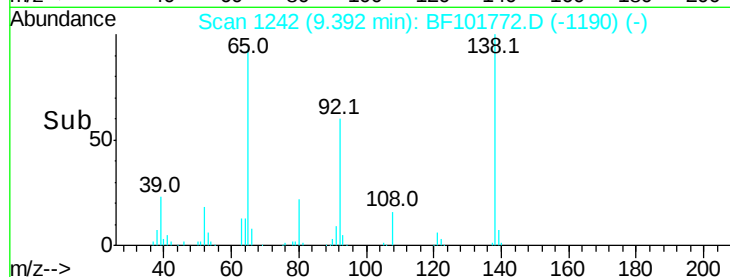
#47
2-Nitroaniline
Concen: 31.070 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	55.8	83.6
138	107.2	91.2	136.8

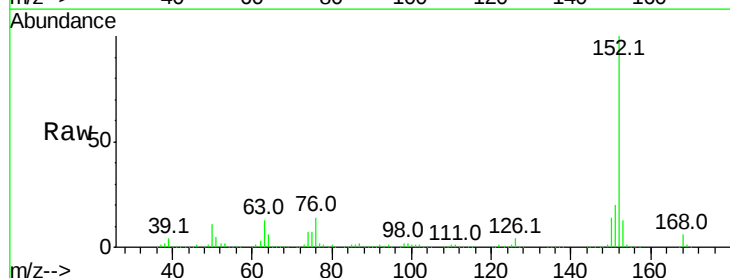


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

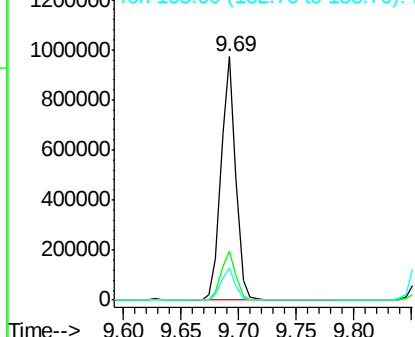
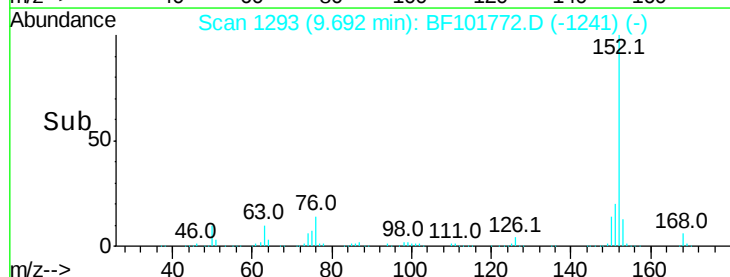


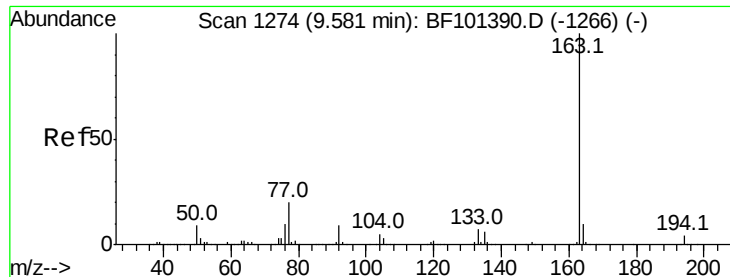
#48
Acenaphthylene
Concen: 28.885 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.7	16.1



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

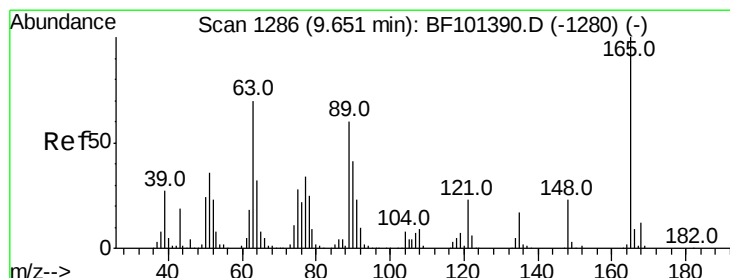
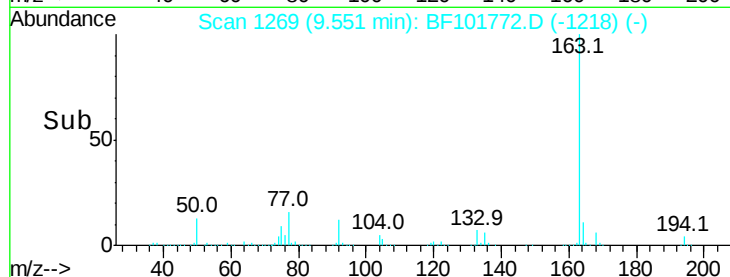
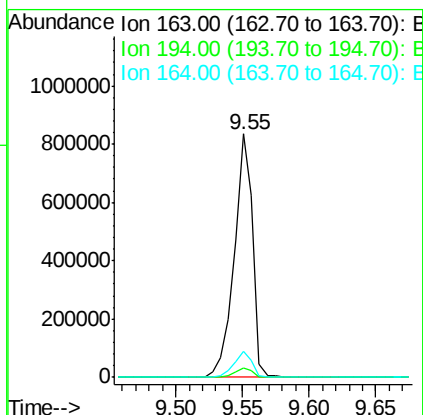
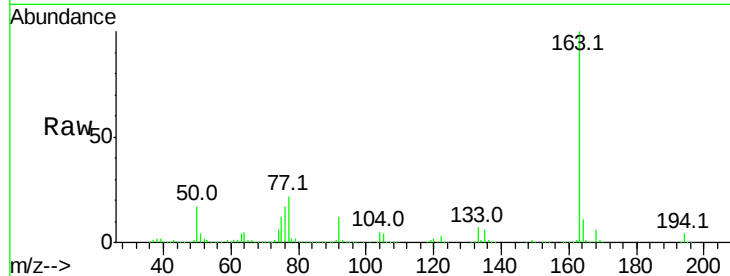




#49
Dimethylphthalate
Concen: 36.333 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

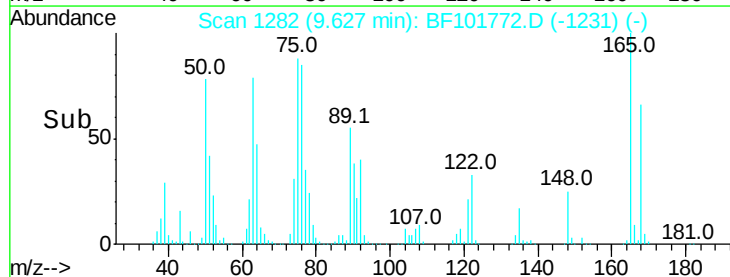
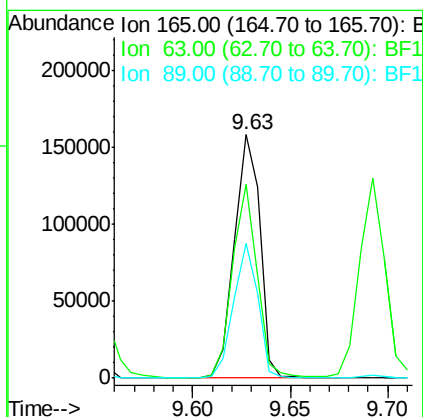
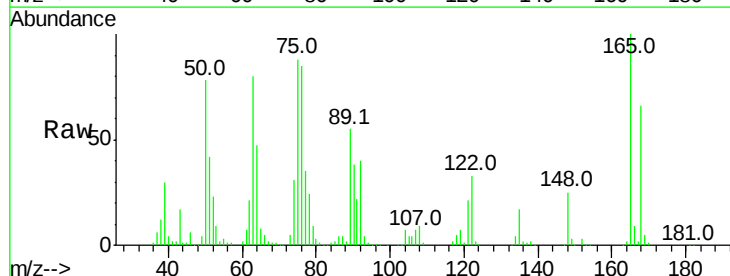
Instrument :
BNA_F
ClientSampled :

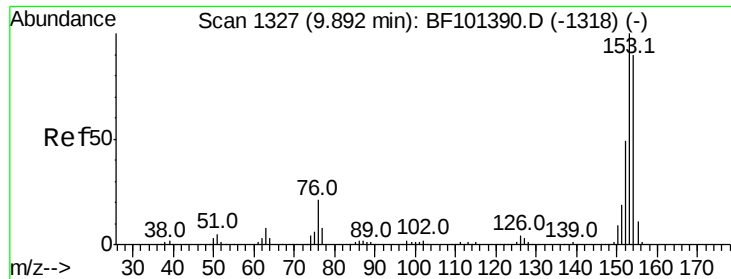
Tot Ion:163 Resp: 806889
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 31.996 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:165 Resp: 144422
Ion Ratio Lower Upper
165 100
63 79.7 44.7 67.1#
89 55.5 44.0 66.0

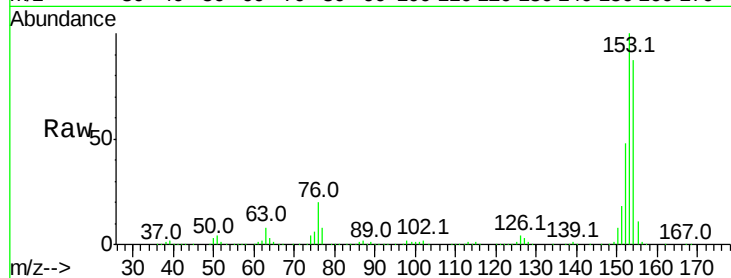




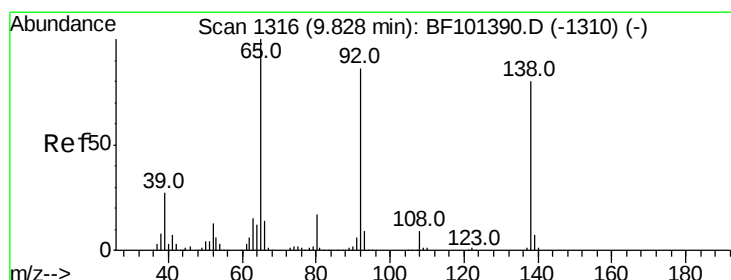
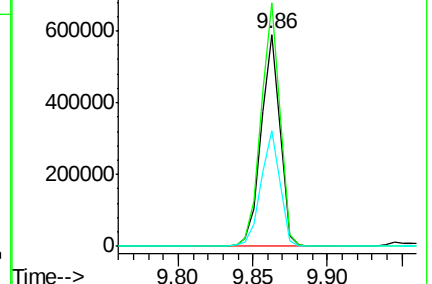
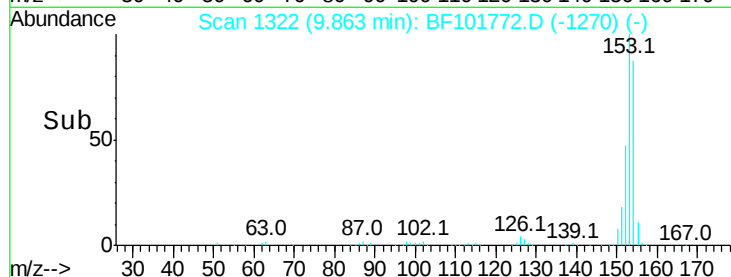
#51
Acenaphthene
Concen: 28.692 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 510119
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 54.8 43.8 65.8

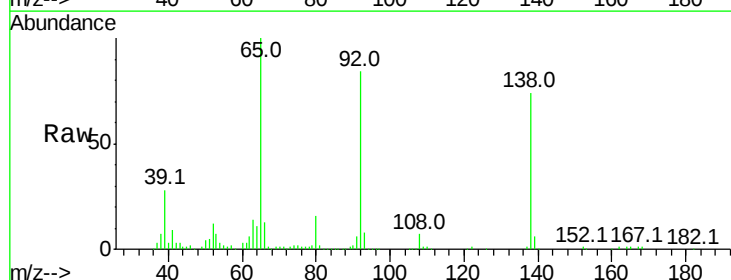


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

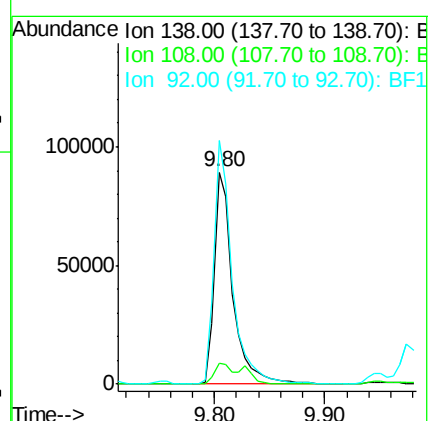
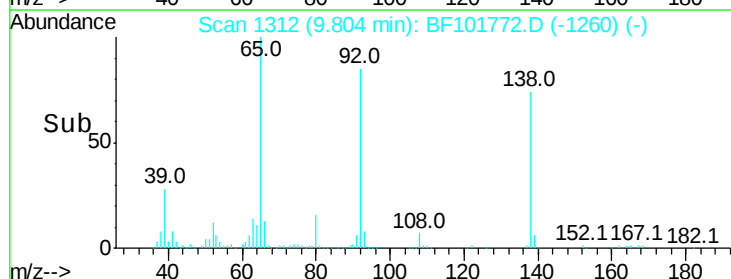


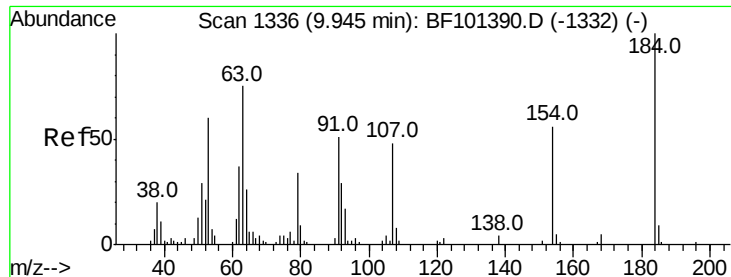
#52
3-Nitroaniline
Concen: 18.133 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:138 Resp: 102043
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.0
92 114.8 89.4 134.2



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

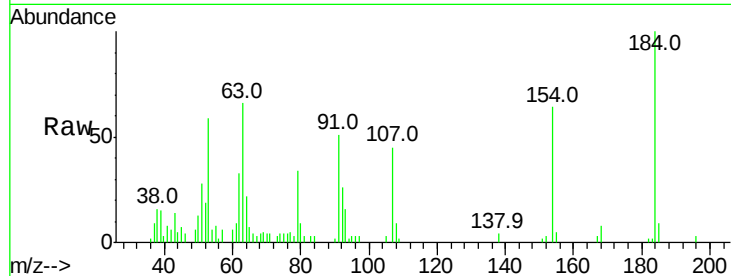




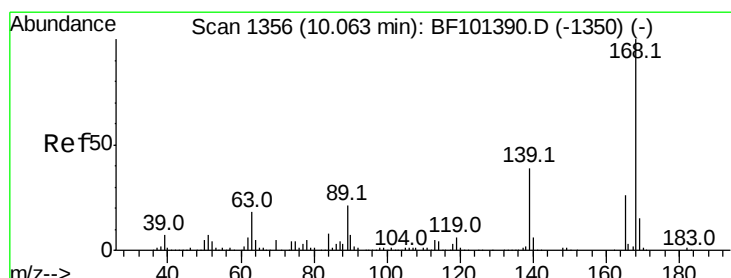
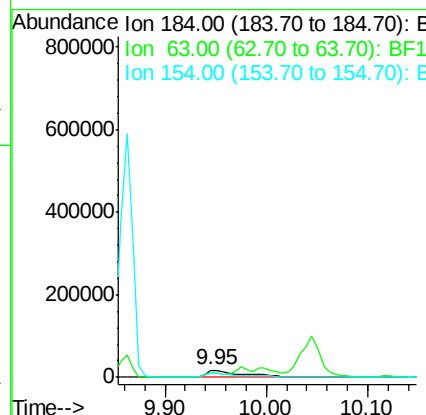
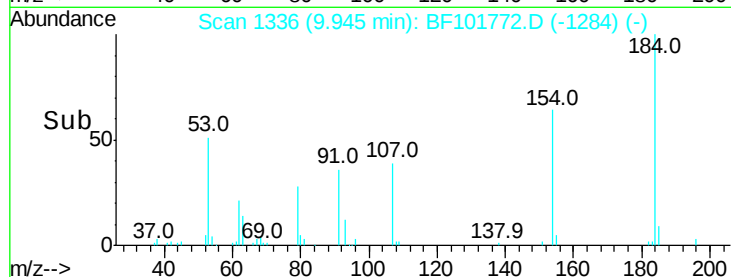
#53
2,4-Dinitrophenol
Concen: 35.744 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 45889
Ion Ratio Lower Upper
184 100
63 65.8 54.2 81.2
154 63.8 184.0 276.0#

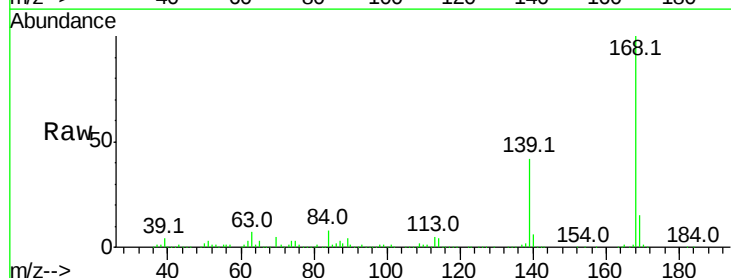


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

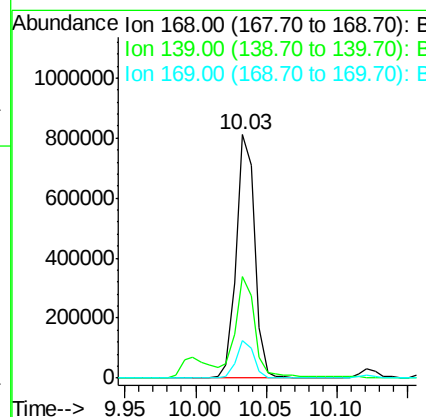
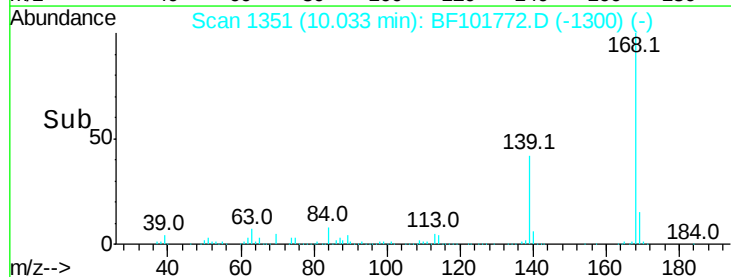


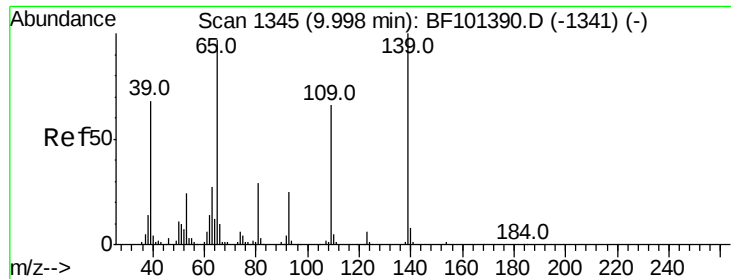
#54
Dibenzofuran
Concen: 32.583 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:168 Resp: 736191
Ion Ratio Lower Upper
168 100
139 41.9 30.1 45.1
169 15.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

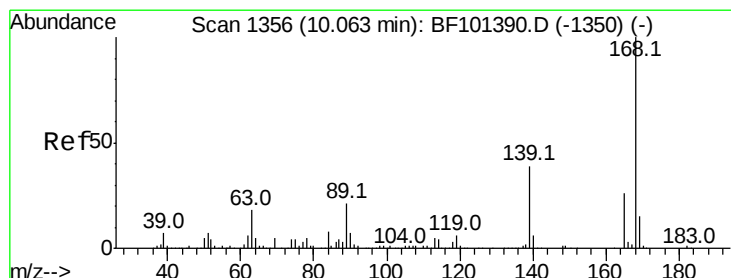
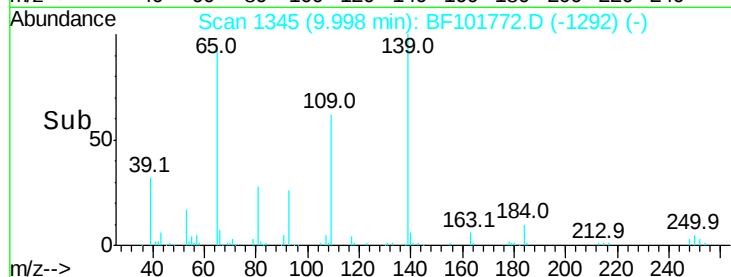
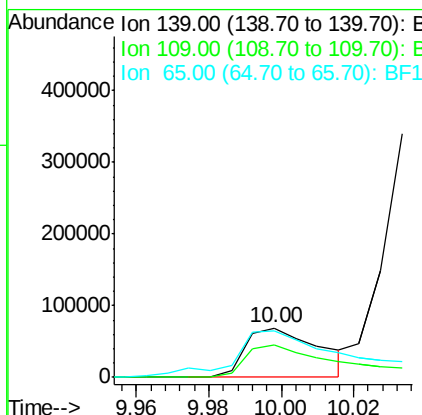
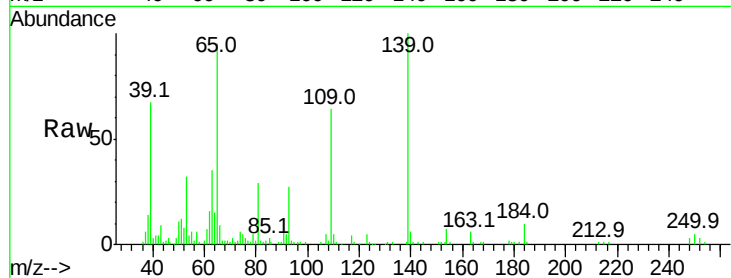




#55
4-Nitrophenol
Concen: 39.402 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

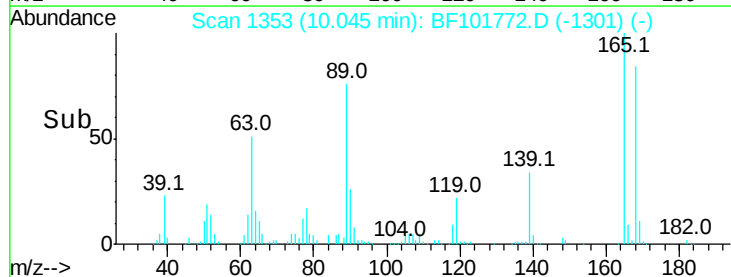
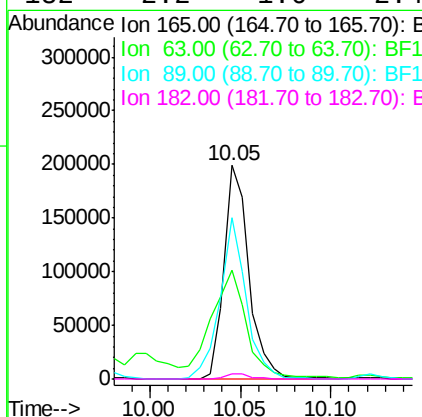
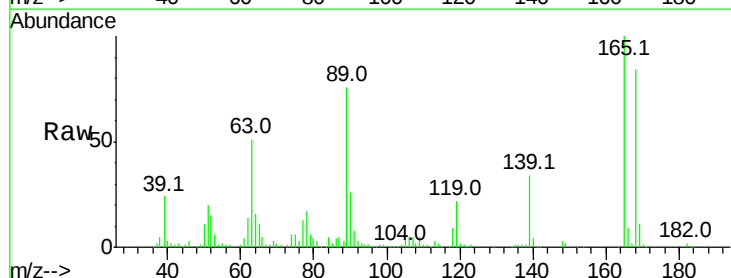
Instrument :
BNA_F
ClientSampleId :

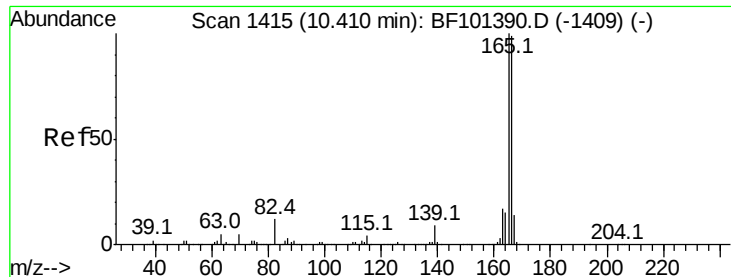
Tot Ion:139 Resp: 96686
Ion Ratio Lower Upper
139 100
109 64.4 48.4 88.4
65 95.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.575 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:165 Resp: 191085
Ion Ratio Lower Upper
165 100
63 51.1 36.4 54.6
89 75.8 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 31.126 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

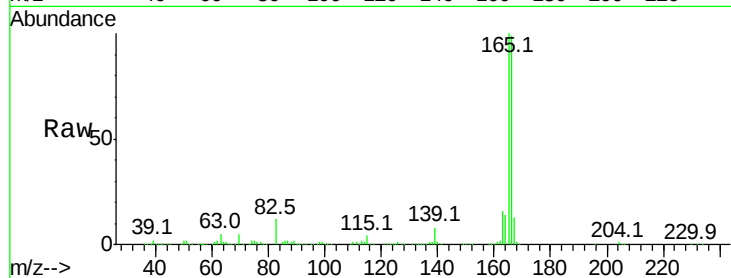
Tot Ion:166 Resp: 594929

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

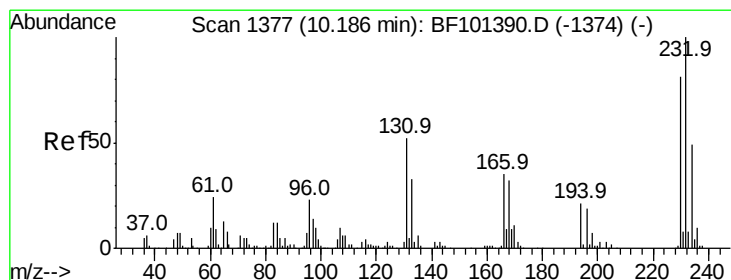
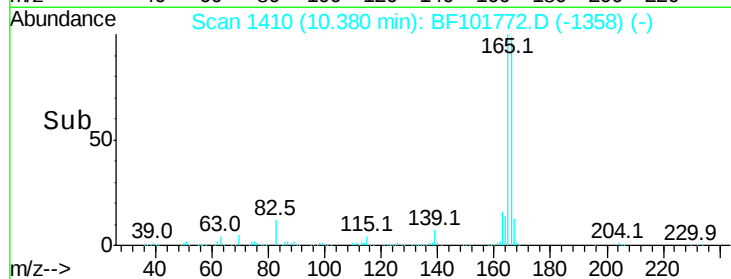
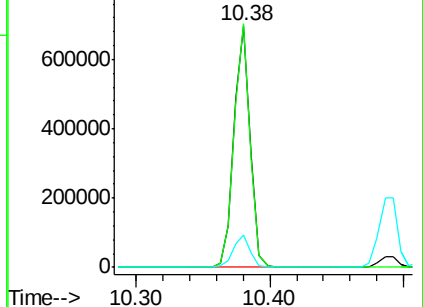
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.983 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Tgt Ion:232 Resp: 154443

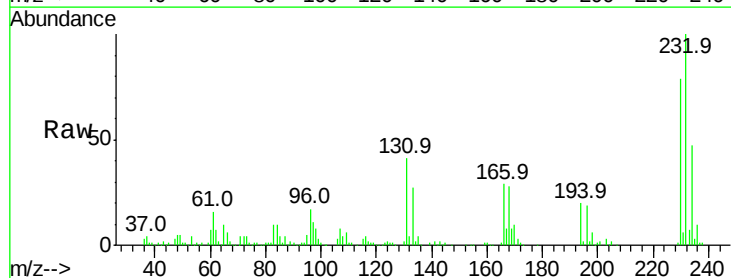
Ion Ratio Lower Upper

232 100

131 42.9 43.8 65.8#

130 2.3 2.1 3.1

166 28.2 27.8 41.6

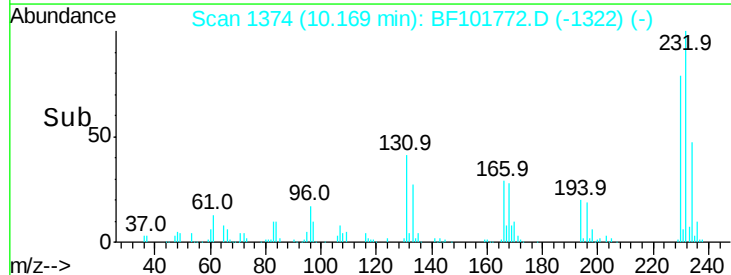
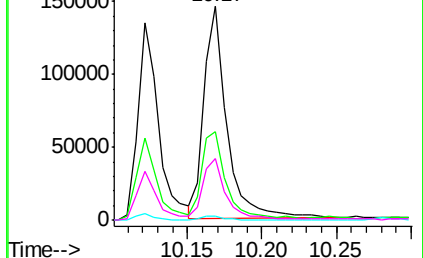


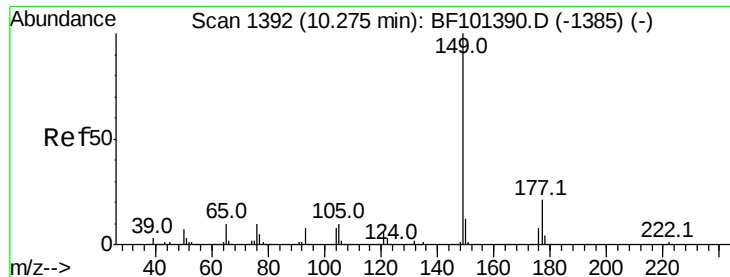
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 30.530 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

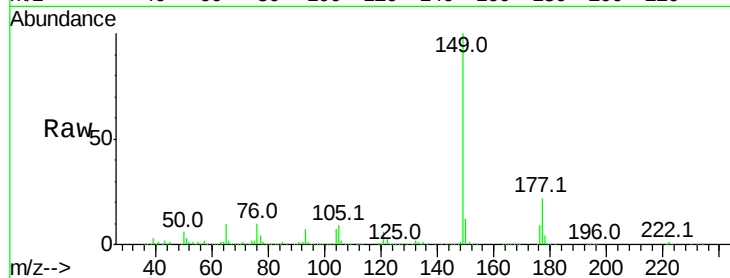
Tot Ion:149 Resp: 671437

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

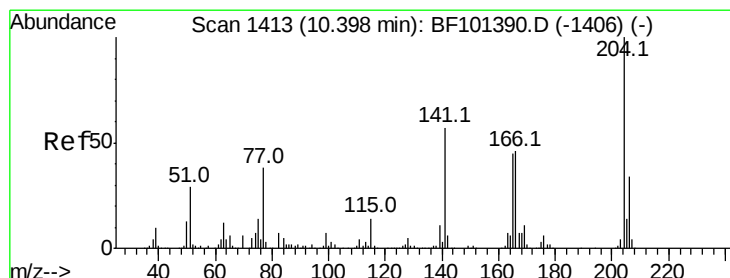
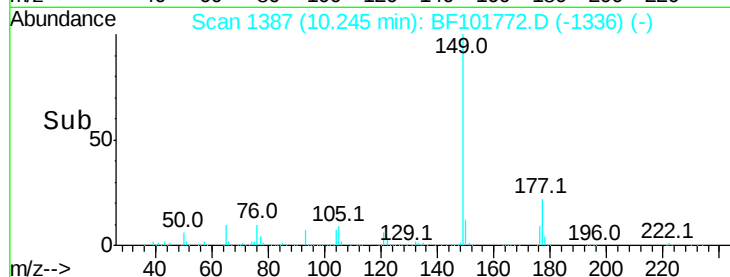
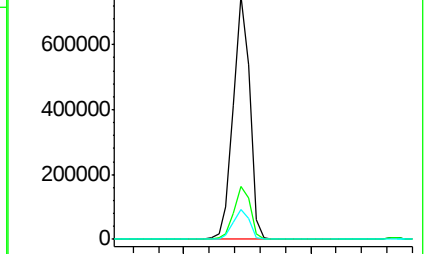
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.167 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

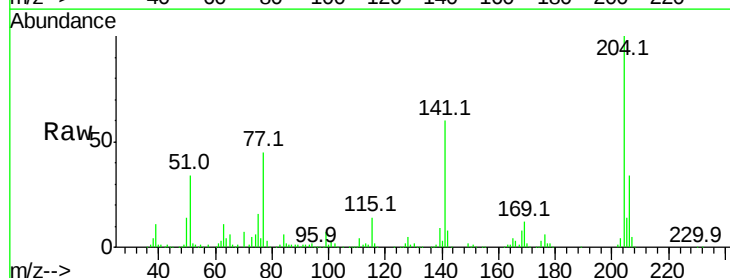
Tgt Ion:204 Resp: 294663

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

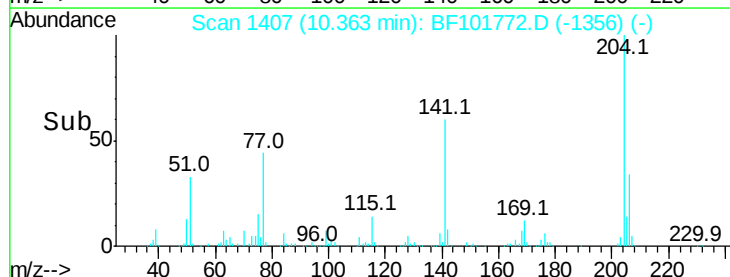
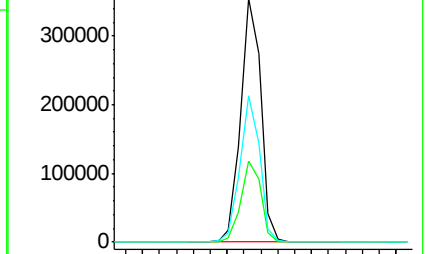
141 60.3 54.6 81.8

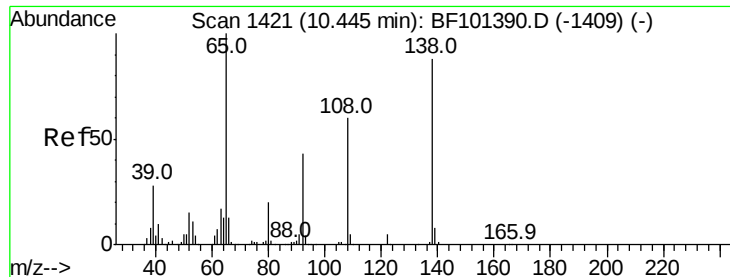


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

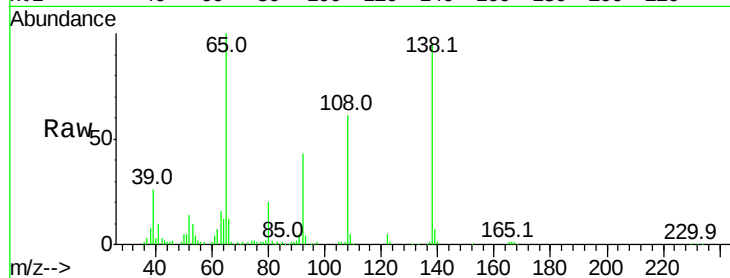




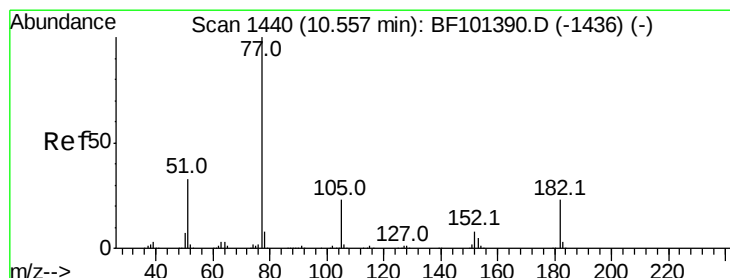
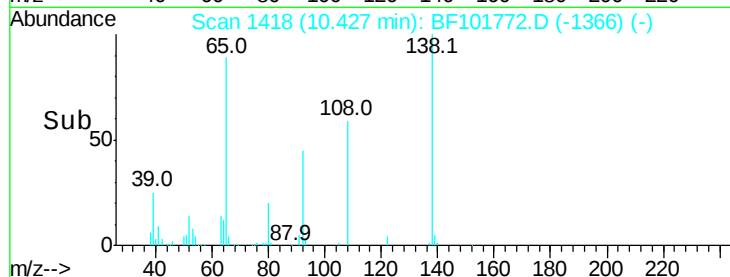
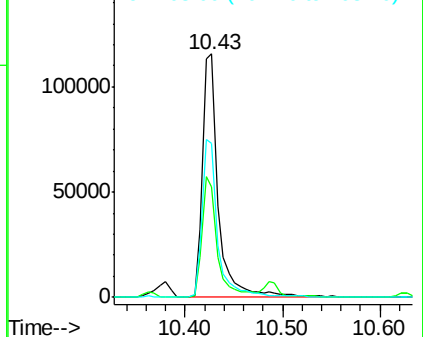
#61
4-Nitroaniline
Concen: 23.245 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 131487
Ion Ratio Lower Upper
138 100
92 45.2 30.2 70.2
108 63.4 52.5 92.5

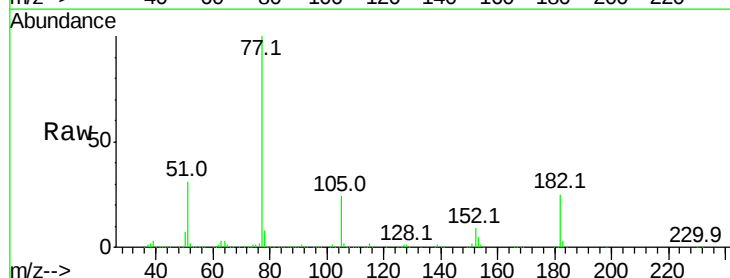


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

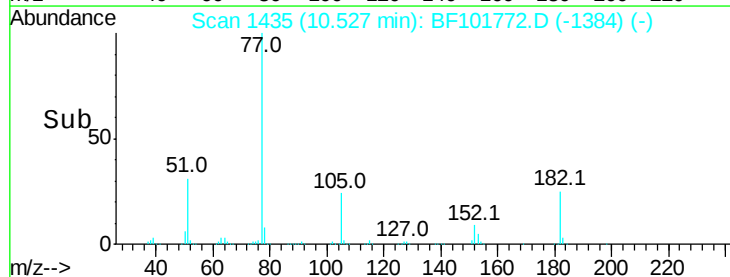
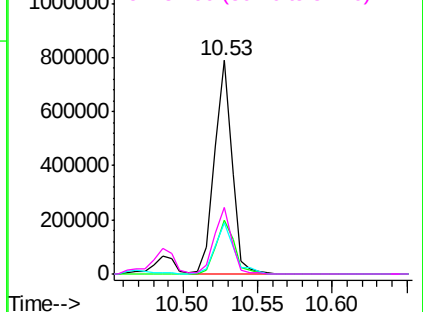


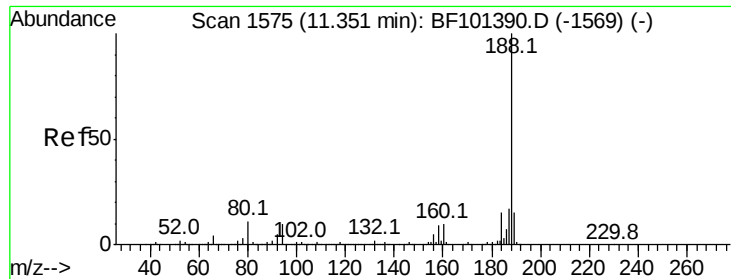
#62
Azobenzene
Concen: 28.159 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion: 77 Resp: 641541
Ion Ratio Lower Upper
77 100
182 25.4 1.7 41.7
105 23.8 3.0 43.0
51 31.3 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

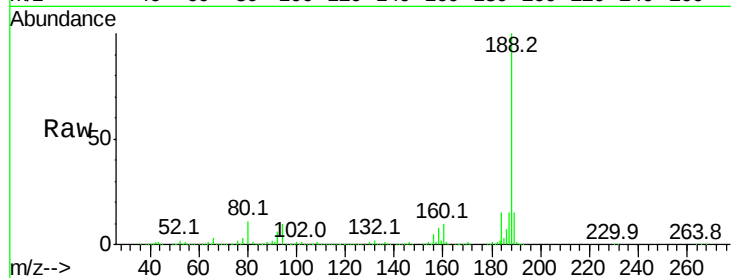




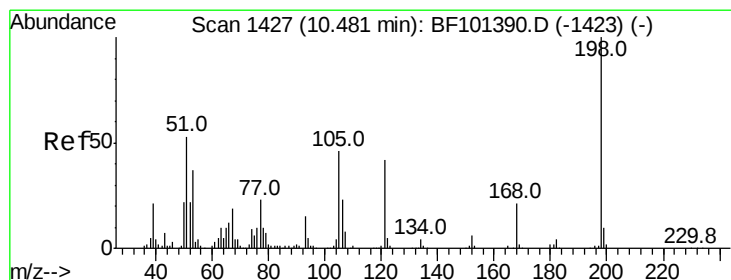
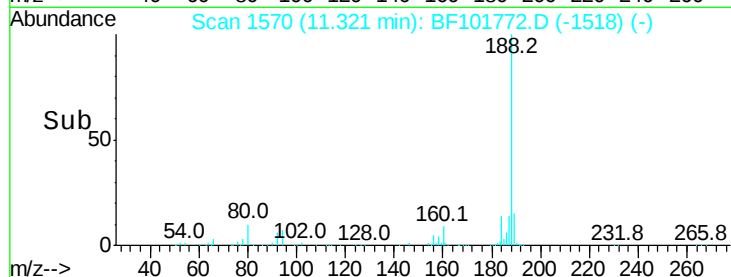
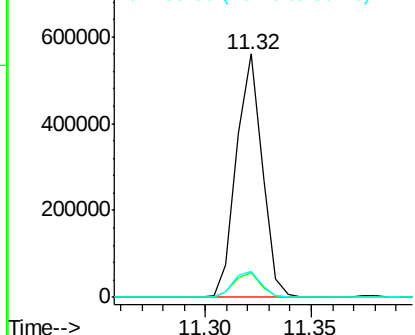
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 472700
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 9.2 13.8

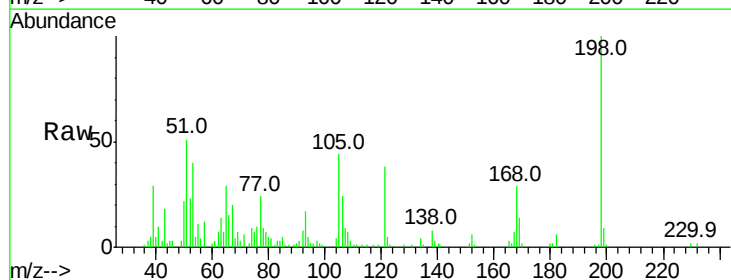


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

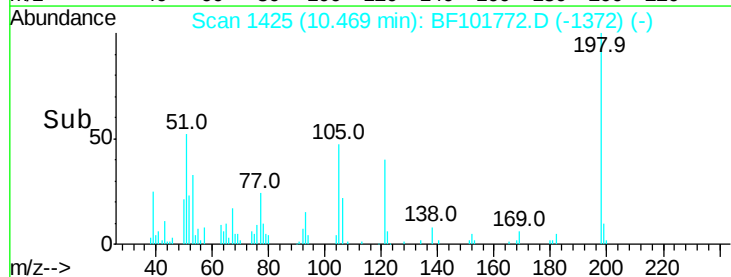
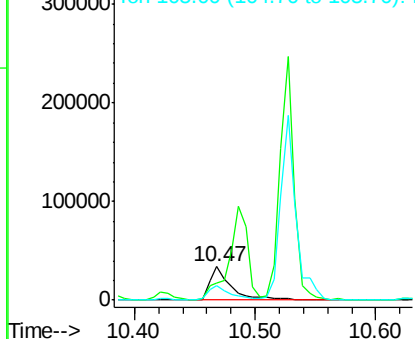


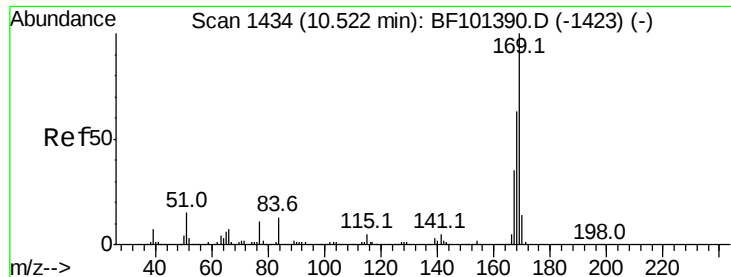
#64
4,6-Dinitro-2-methylphenol
Concen: 17.185 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:198 Resp: 41455
Ion Ratio Lower Upper
198 100
51 51.2 37.7 77.7
105 44.3 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: 31.321 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Instrument :

BNA_F

ClientSampleId :

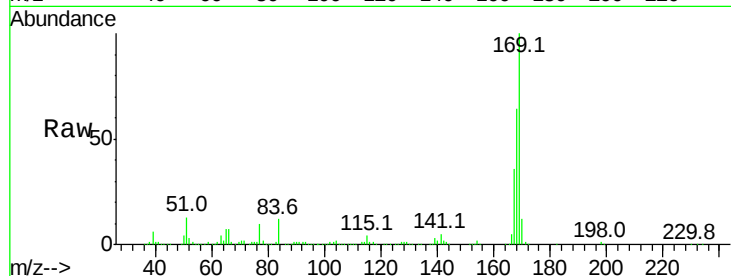
Tot Ion:169 Resp: 546689

Ion Ratio Lower Upper

169 100

168 64.1 54.4 81.6

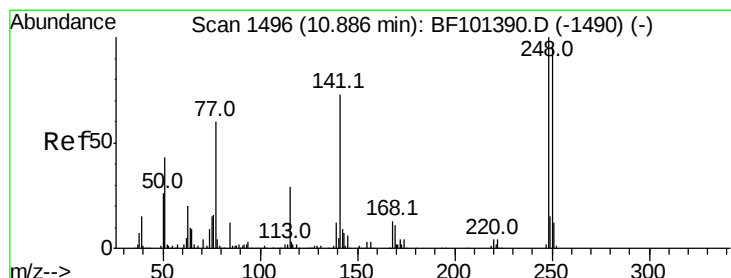
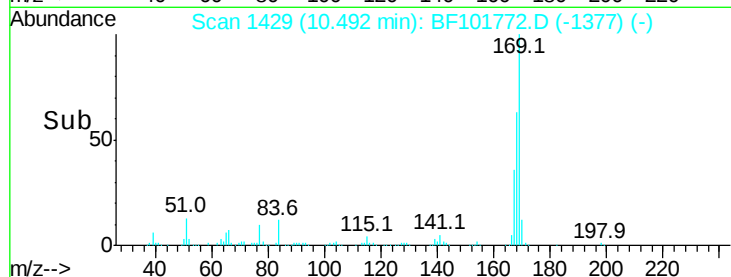
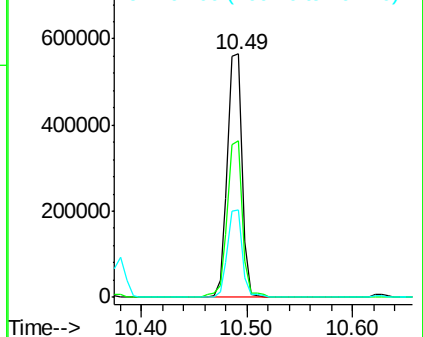
167 35.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.868 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

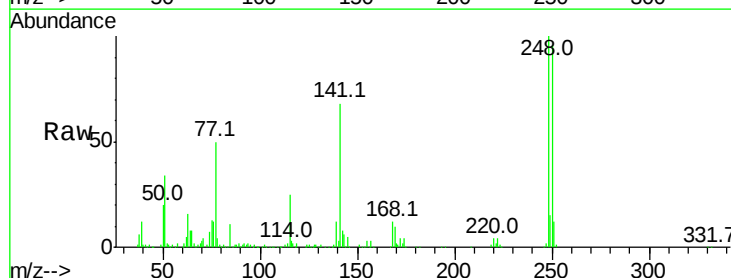
Tgt Ion:248 Resp: 179887

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

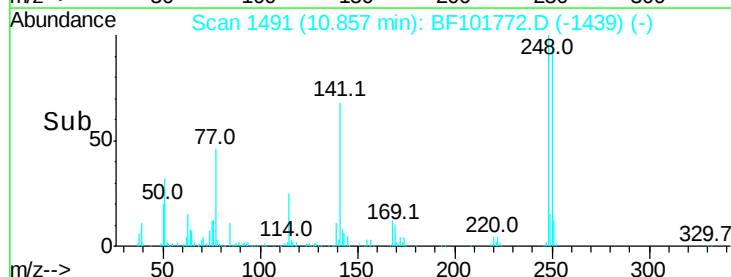
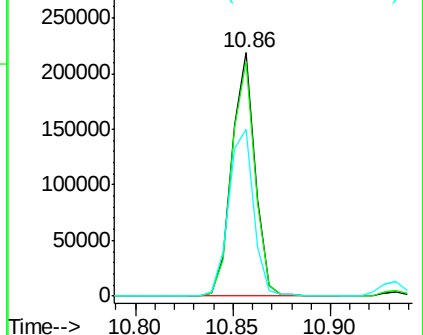
141 68.4 74.4 111.6#

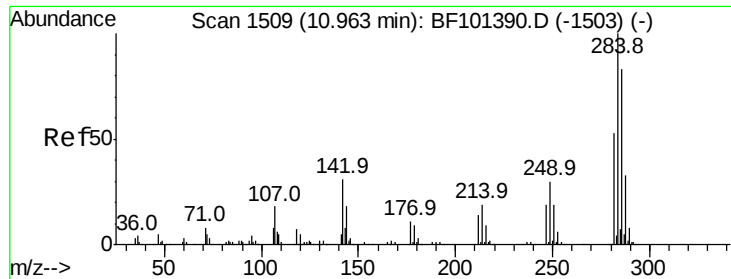


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

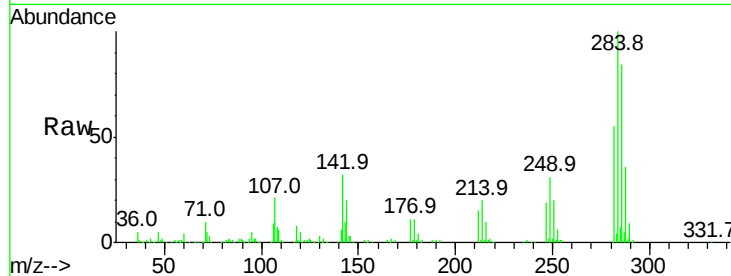




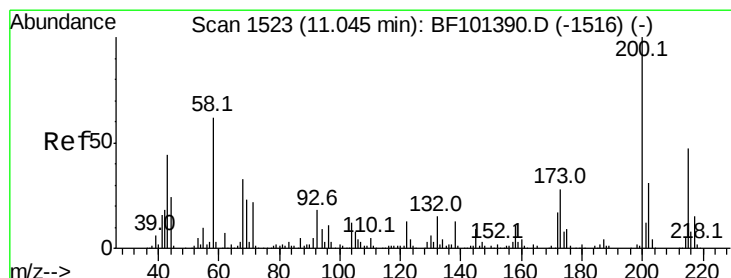
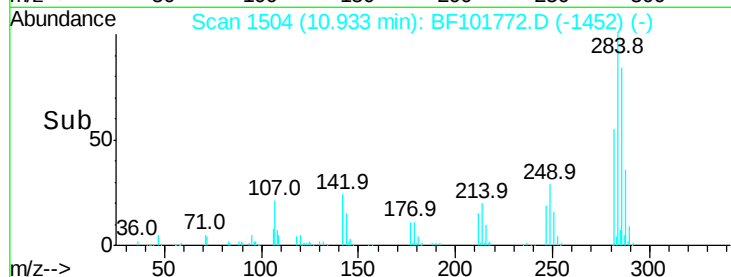
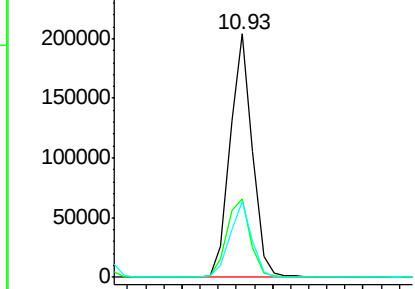
#67
Hexachlorobenzene
Concen: 31.008 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.4	34.6	52.0#
249	31.4	24.8	37.2

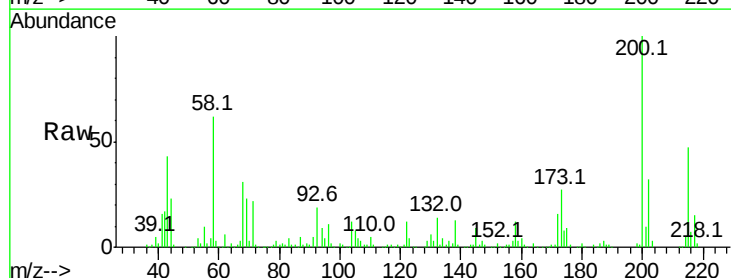


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

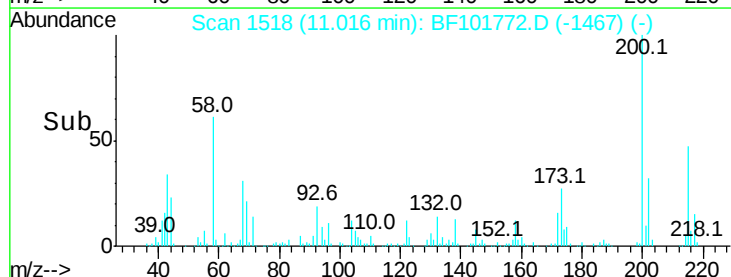
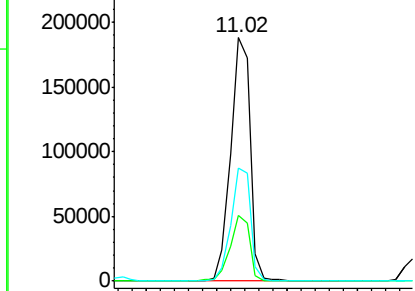


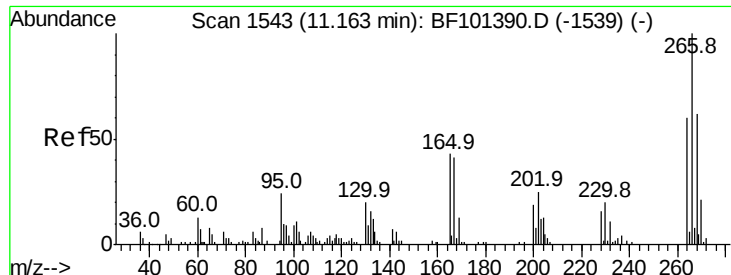
#68
Atrazine
Concen: 34.754 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	46.7	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

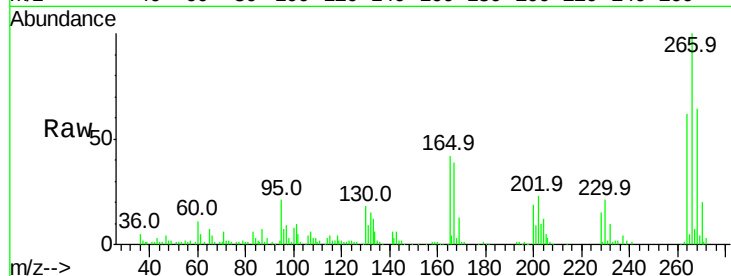




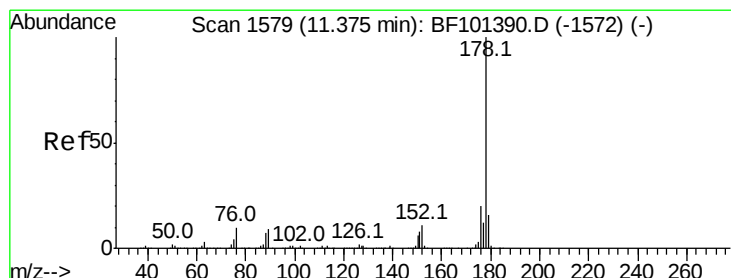
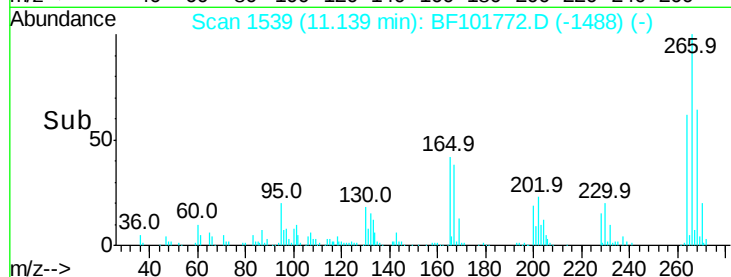
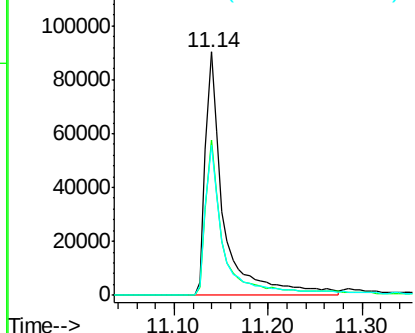
#69
 Pentachlorophenol
 Concen: 58.791 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	61.6	49.5	74.3

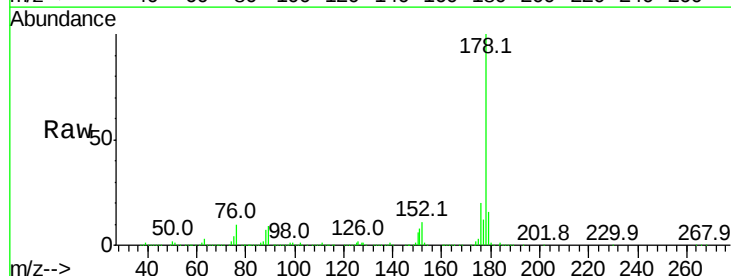


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

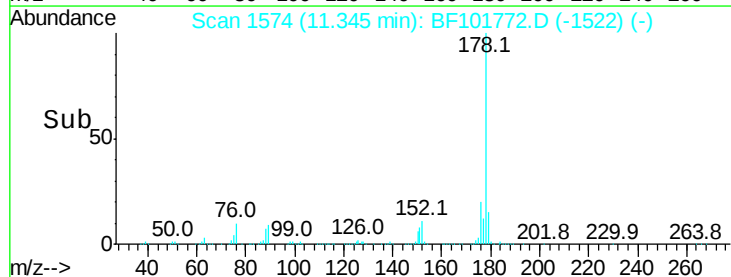
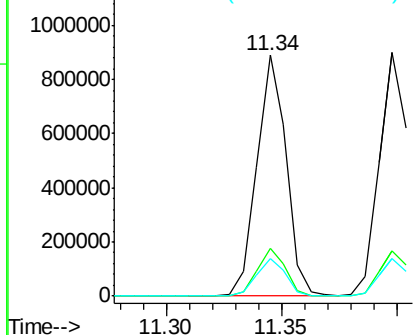


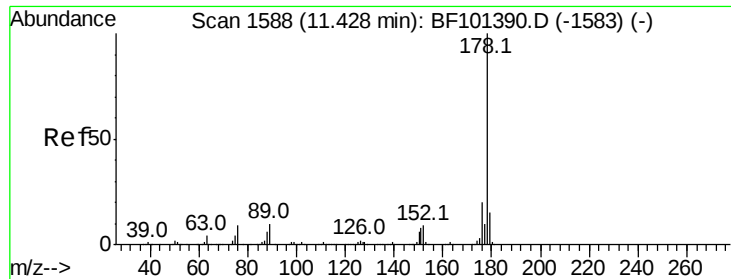
#70
 Phenanthrene
 Concen: 29.979 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	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

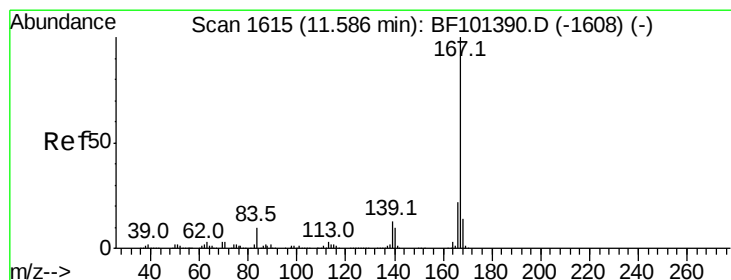
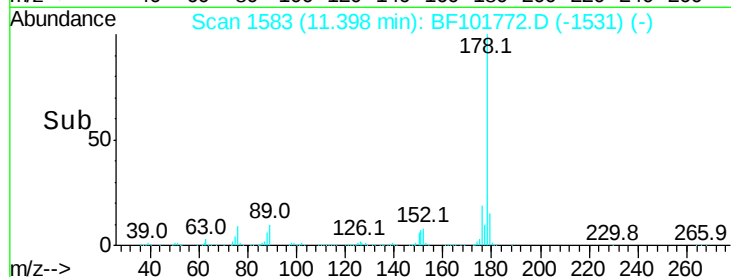
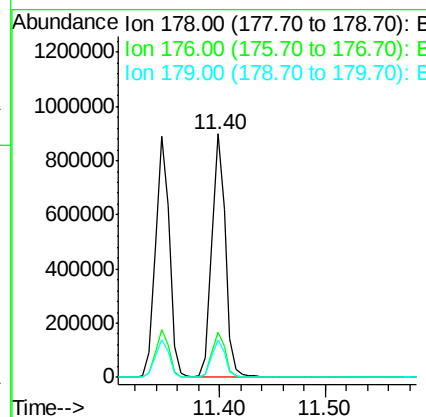
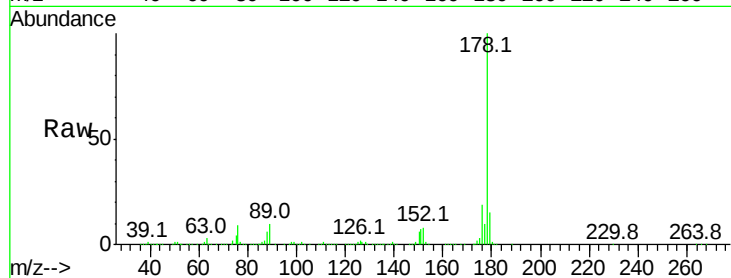




#71
 Anthracene
 Concen: 30.245 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

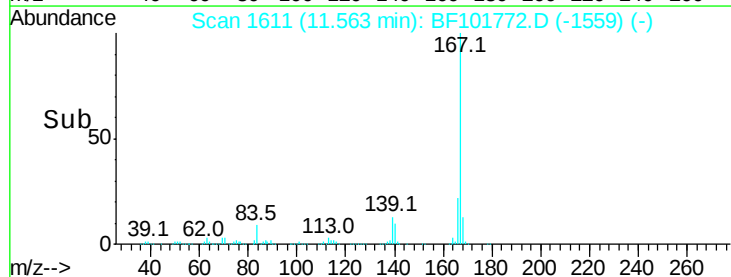
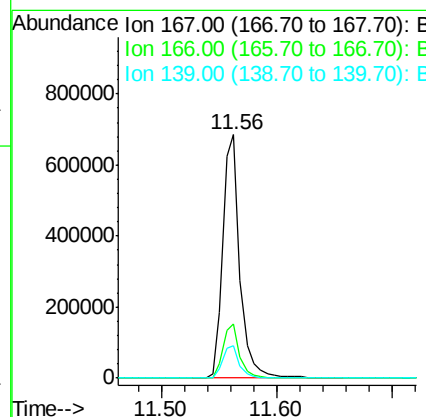
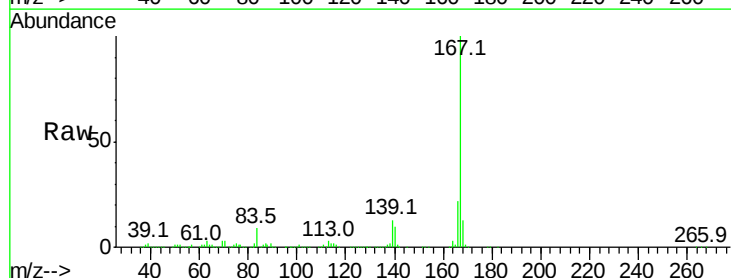
Instrument :
 BNA_F
 ClientSampleId :

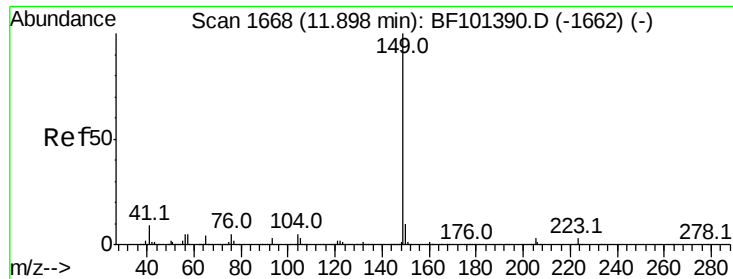
Tot Ion:178 Resp: 812128
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 27.721 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion:167 Resp: 696910
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.2 10.9 16.3

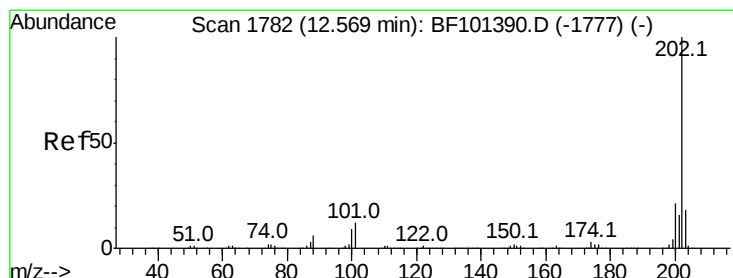
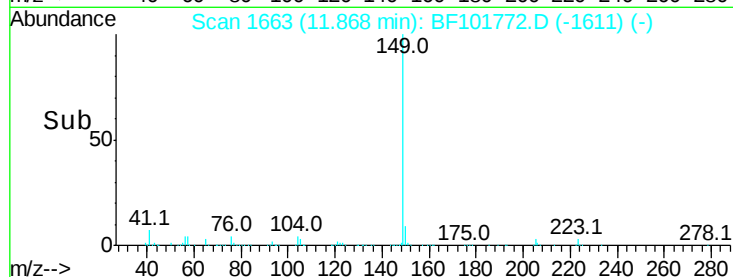
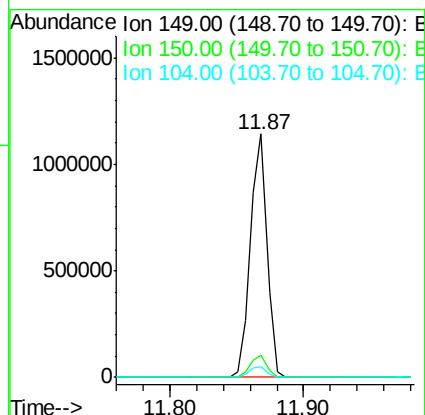
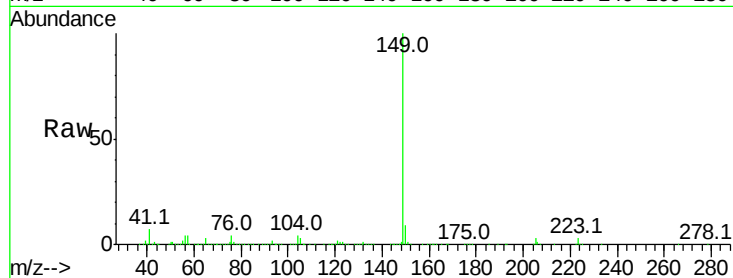




#73
Di-n-butylphthalate
Concen: 31.722 ng
RT: 11.87 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

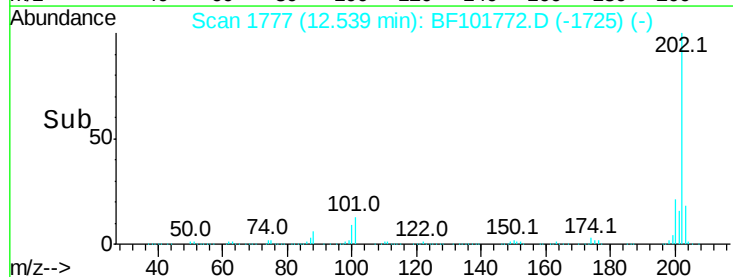
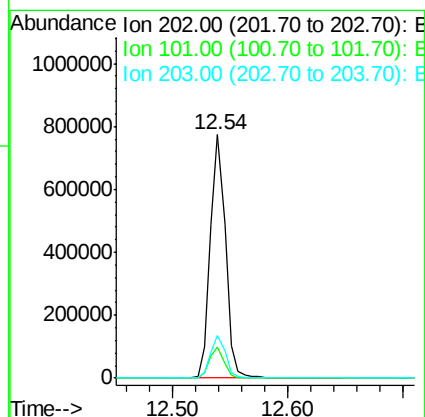
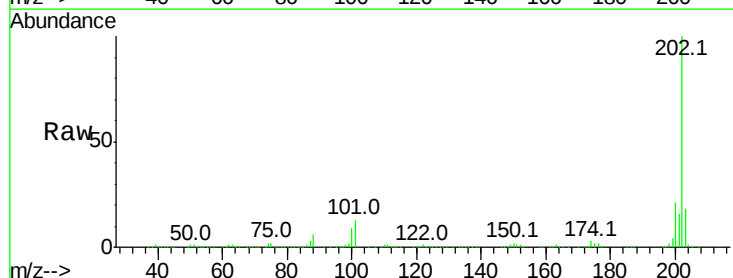
Instrument :
BNA_F
ClientSampleId :

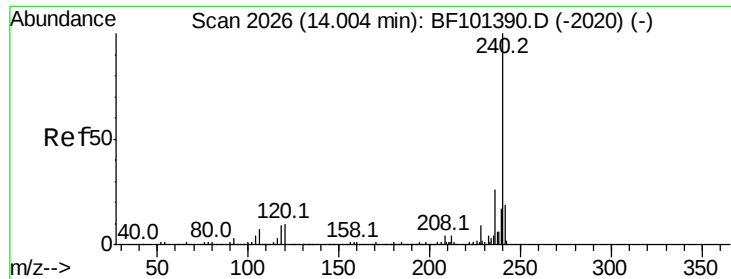
Tot Ion:149 Resp: 967950
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 25.828 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:202 Resp: 712647
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 17.7 0.0 38.1

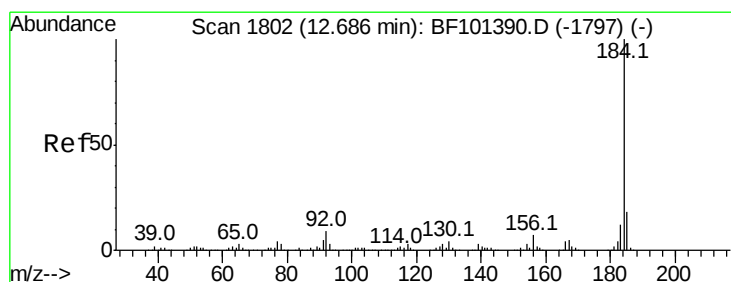
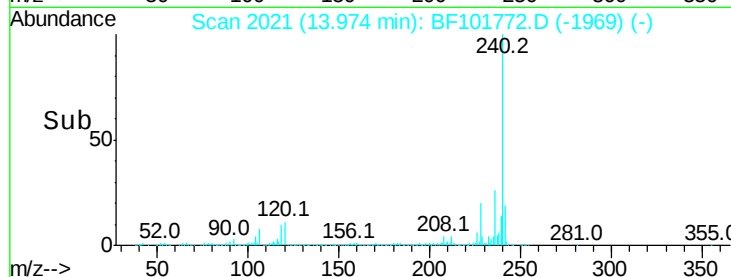
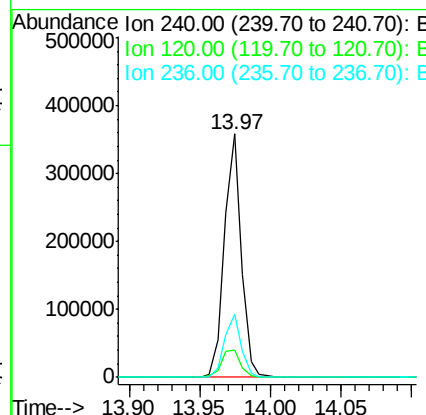
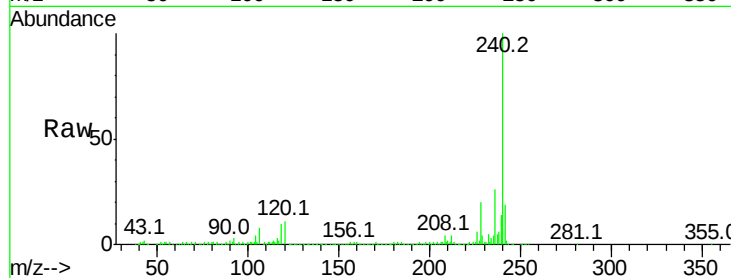




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

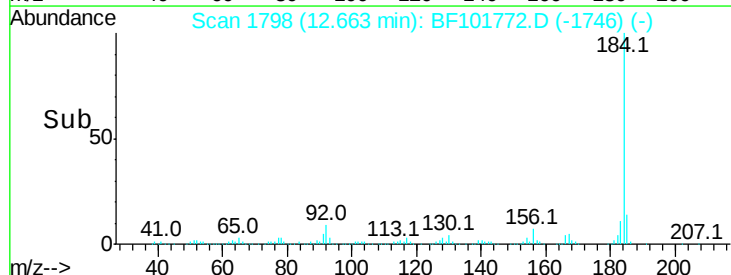
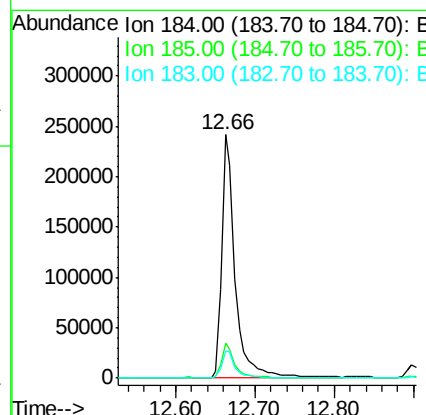
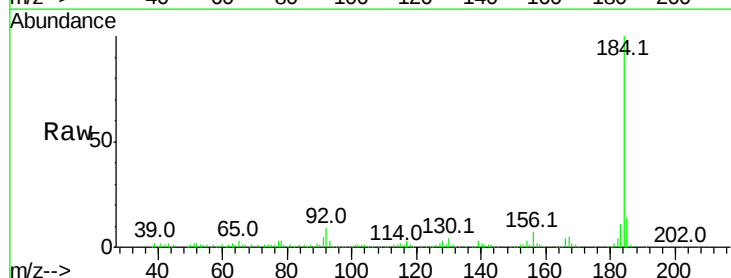
Instrument :
 BNA_F
 ClientSampleId :

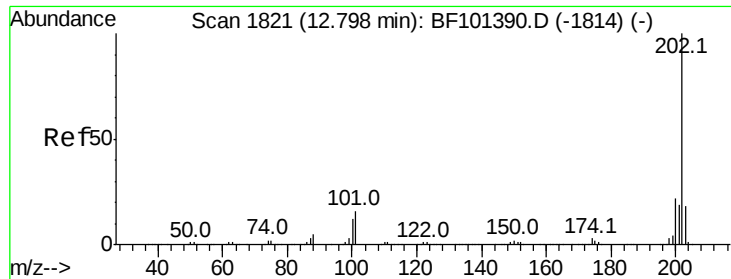
Tot Ion:240 Resp: 300032
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 26.0 20.7 31.1



#76
 Benzidine
 Concen: 22.574 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion:184 Resp: 286056
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.6 18.8
 183 11.3 9.3 13.9

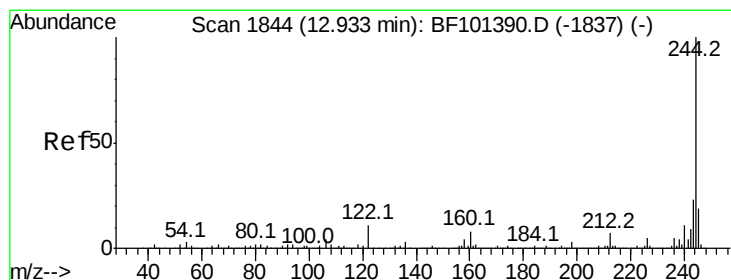
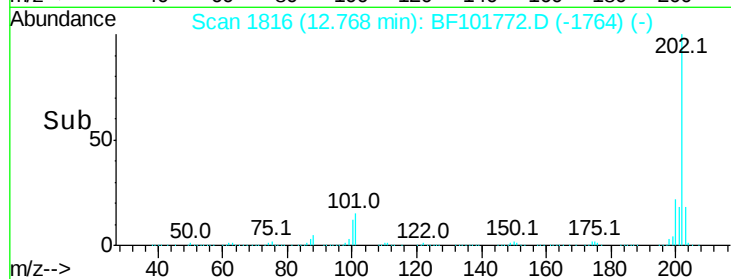
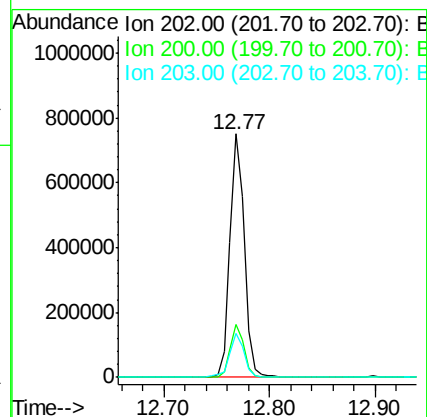
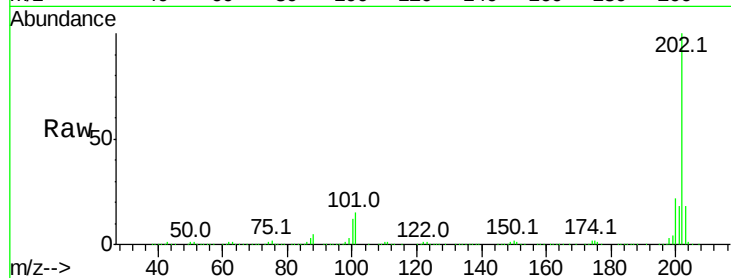




#77
Pvrene
Concen: 31.456 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

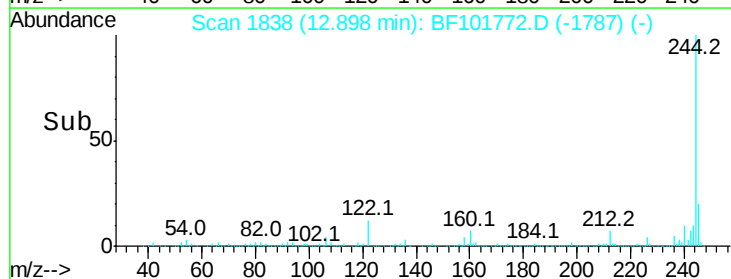
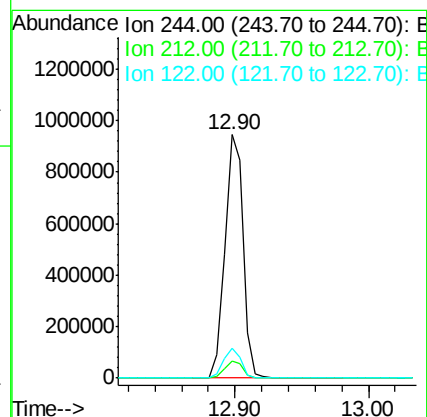
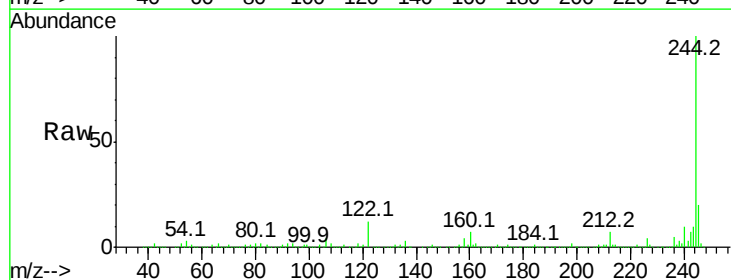
Instrument :
BNA_F
ClientSampleId :

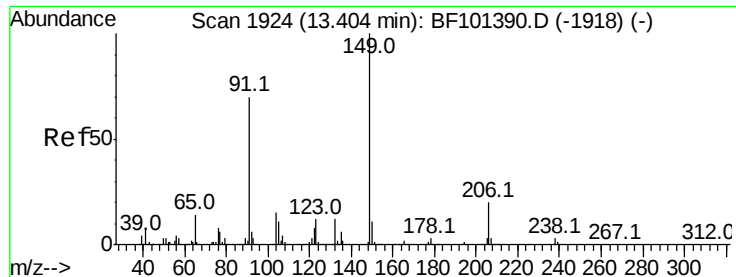
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.3	21.5



#78
Terphenyl-d14
Concen: 73.168 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.5	11.0	16.4

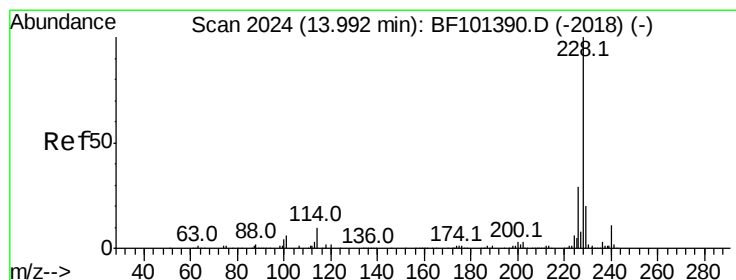
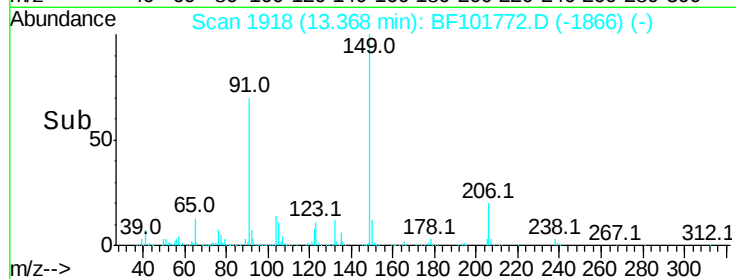
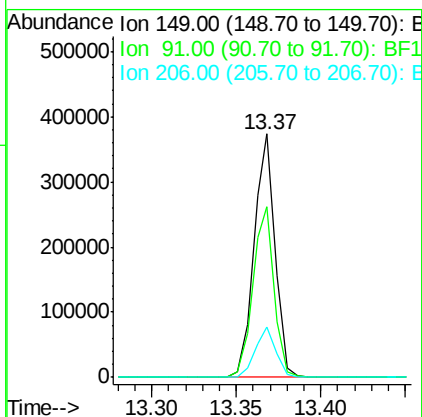
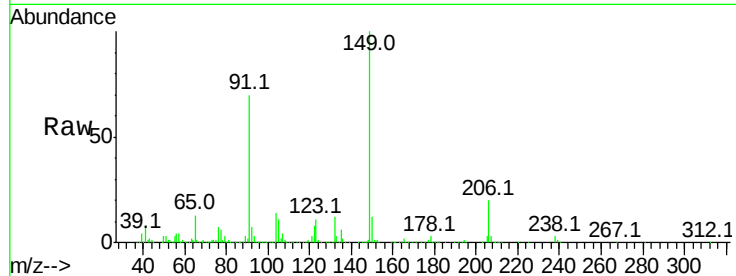




#79
Butylbenzylphthalate
Concen: 31.742 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

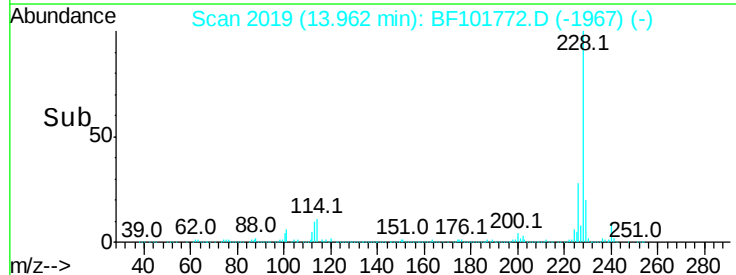
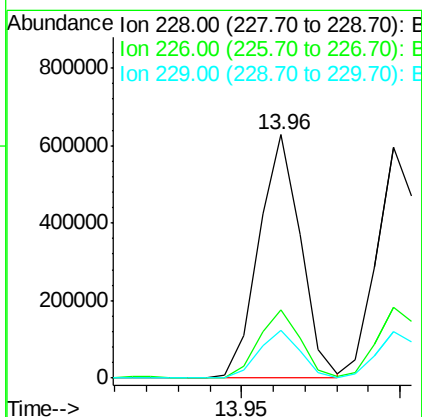
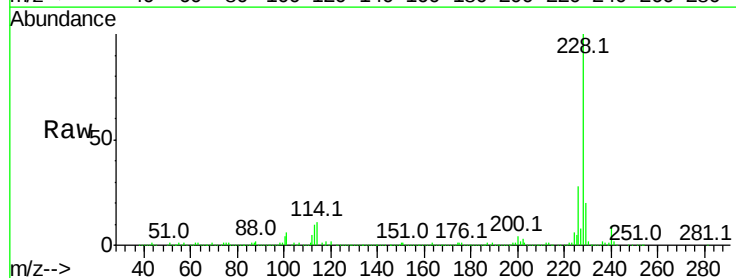
Instrument :
BNA_F
ClientSampled :

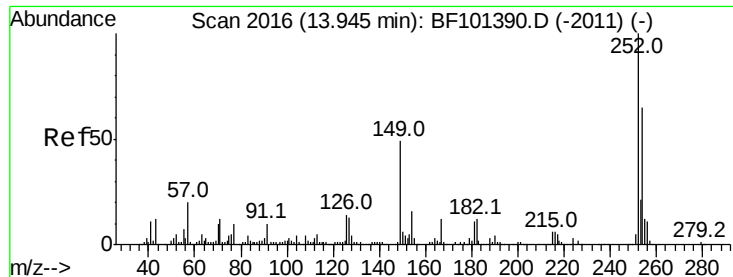
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.8	85.2
206	20.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 28.921 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.6	15.8	23.6

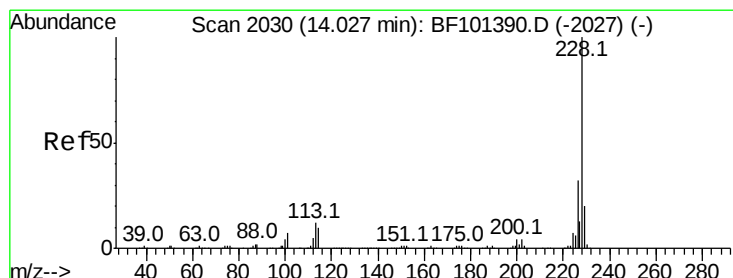
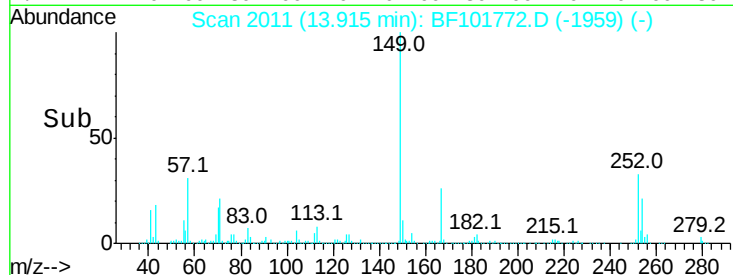
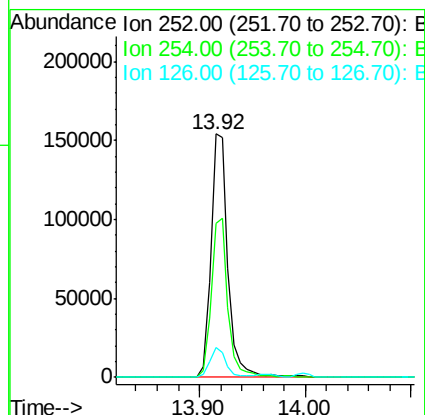
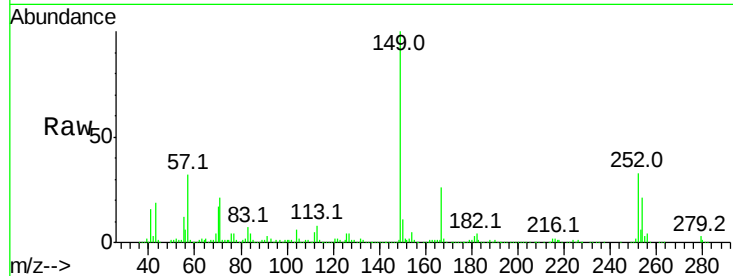




#81
 3,3'-Dichlorobenzidine
 Concen: 26.999 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

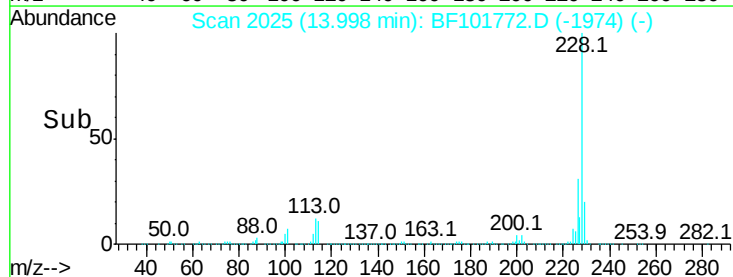
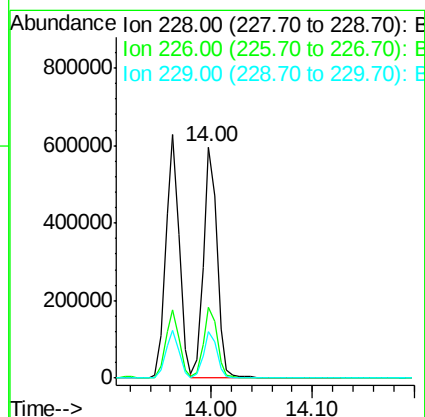
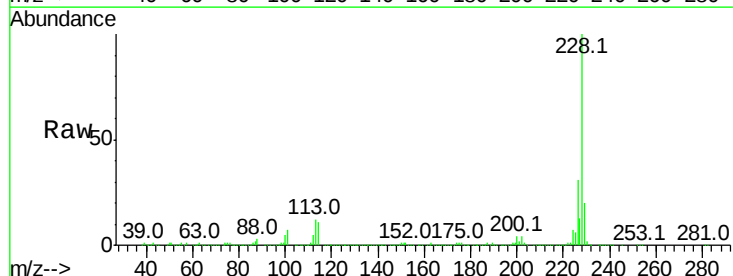
Instrument :
 BNA_F
 ClientSampleId :

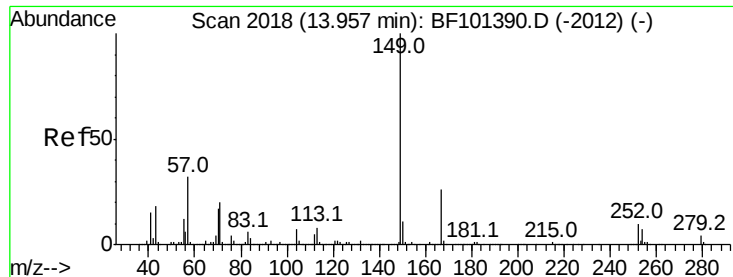
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	12.4	11.3	16.9



#82
 Chrysene
 Concen: 29.742 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4

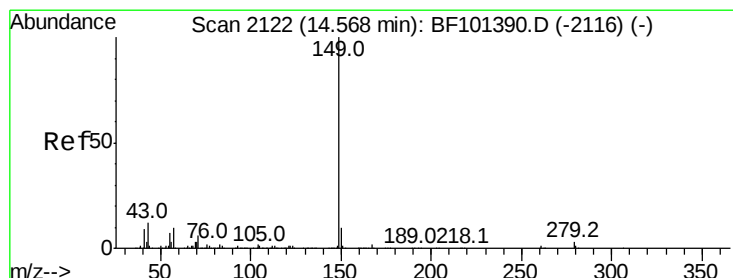
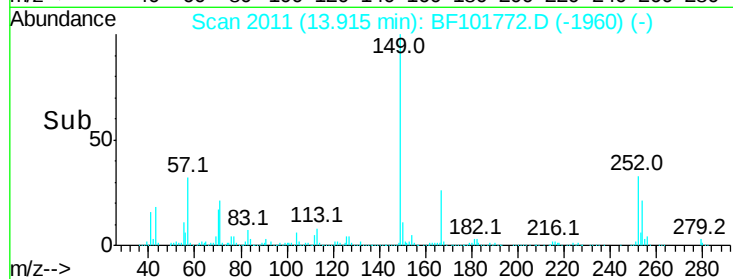
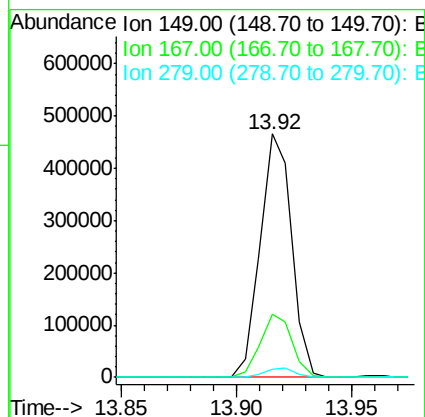
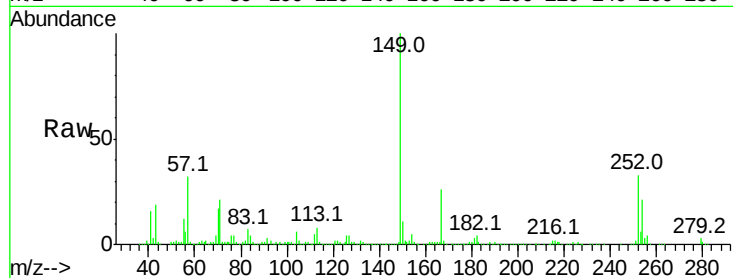




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.216 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

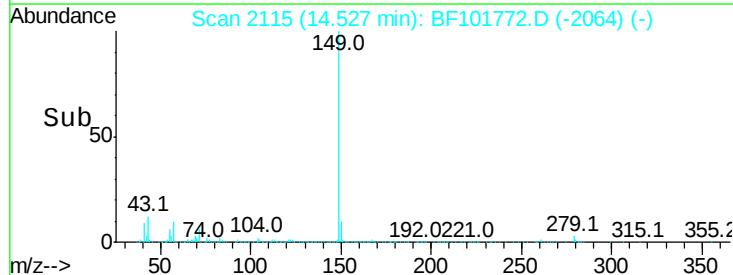
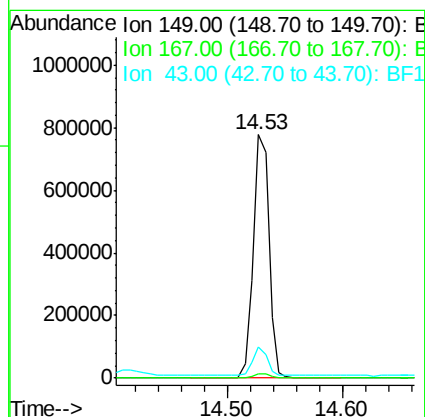
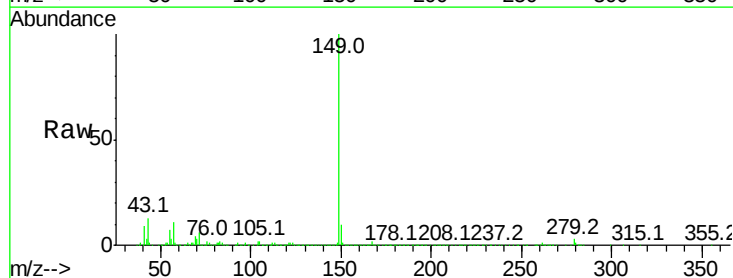
Instrument :
 BNA_F
 ClientSampleId :

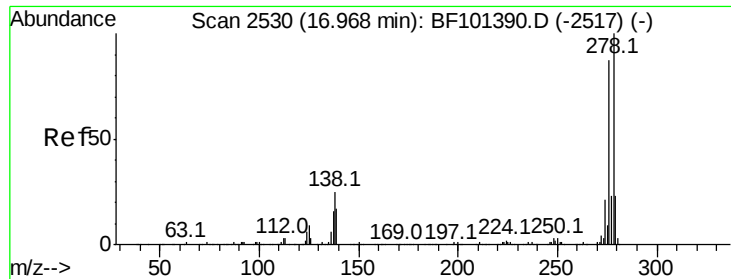
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 31.864 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.9	8.4	12.6

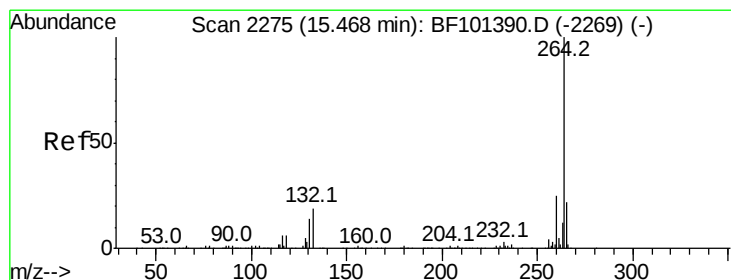
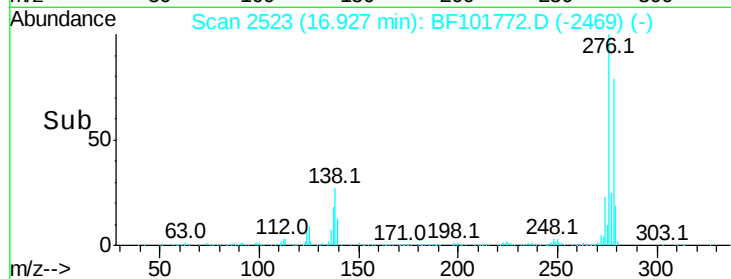
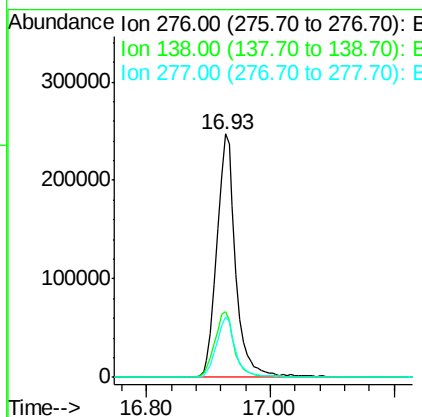
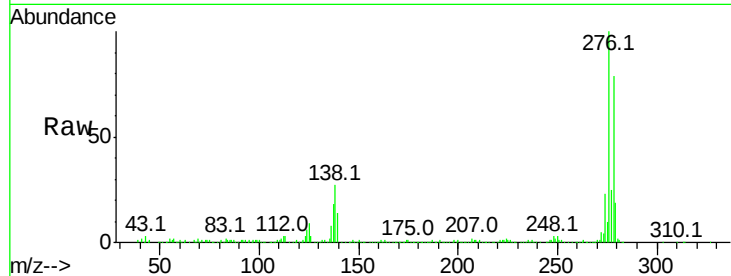




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.501 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.02 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

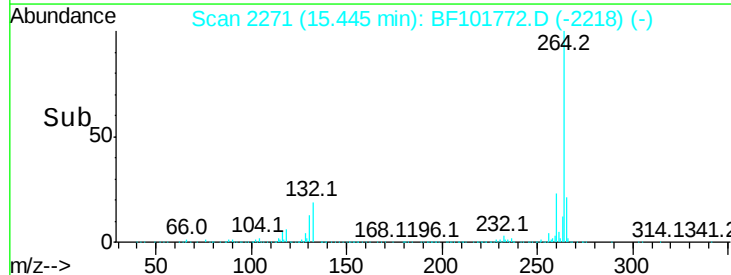
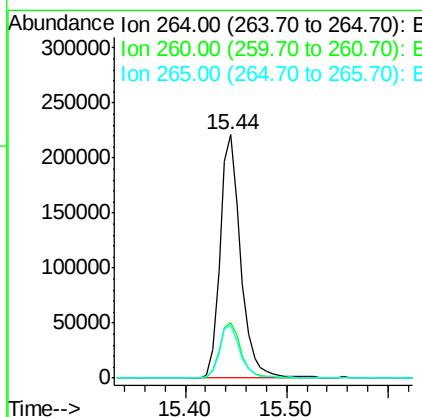
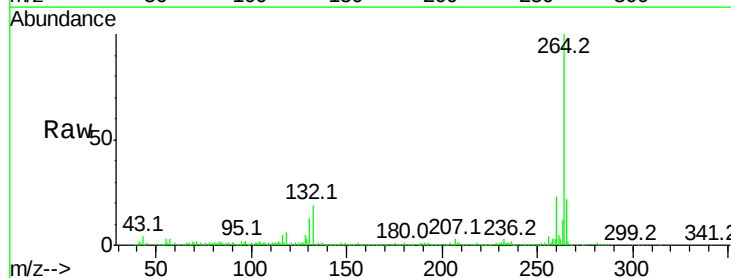
Instrument :
 BNA_F
 ClientSampleId :

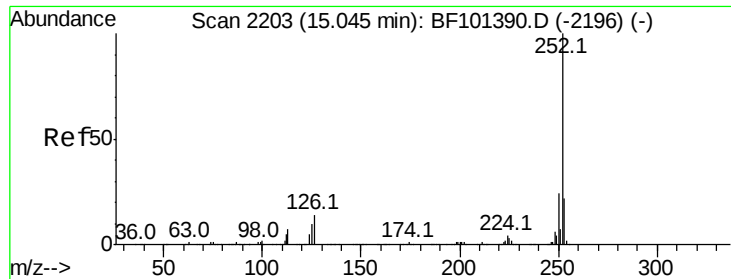
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.5	17.5	26.3

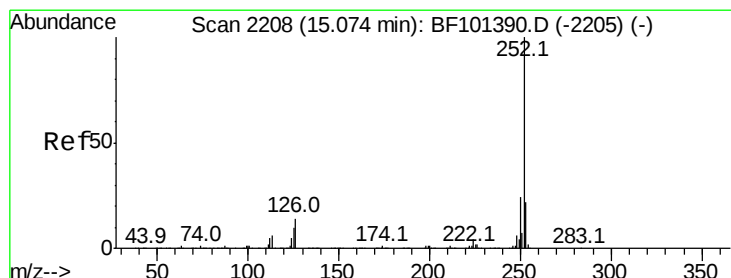
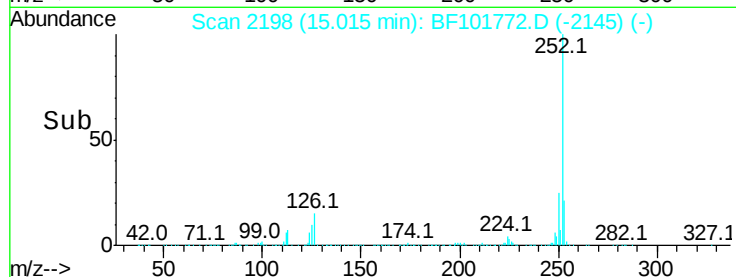
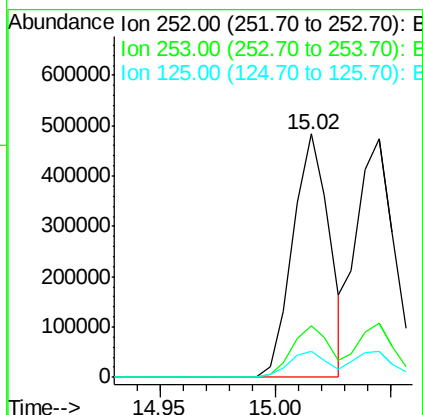
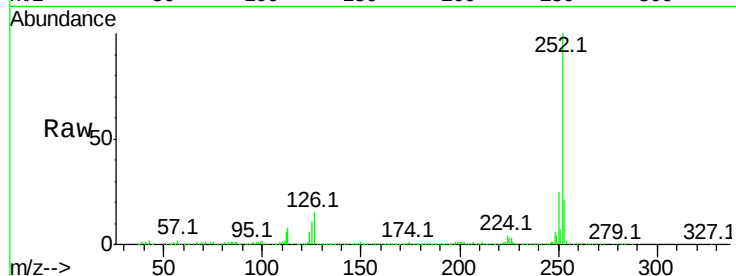




#87
Benzo(b)fluoranthene
Concen: 28.141 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

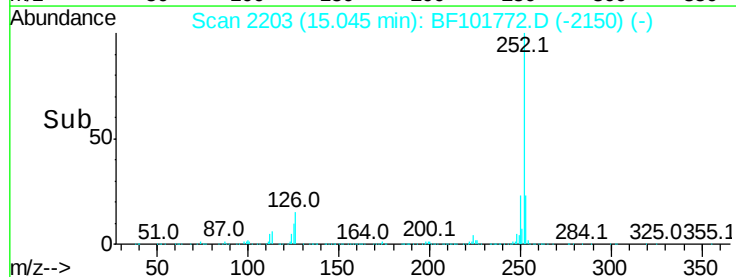
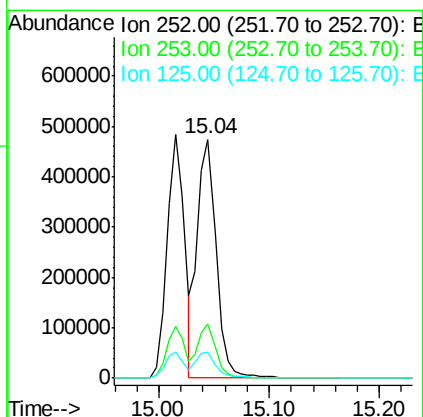
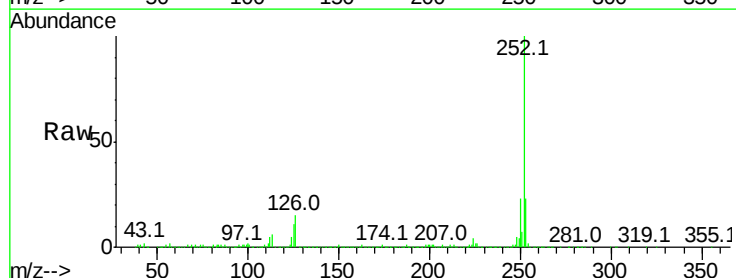
Instrument :
BNA_F
ClientSampleId :

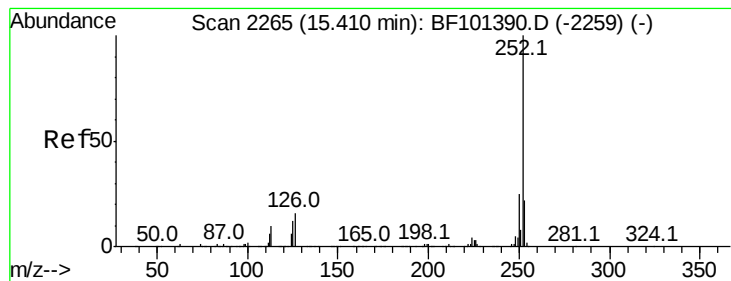
Tot Ion:252 Resp: 532561
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 29.948 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101772.D
Acq: 27 Dec 2017 19:42

Tgt Ion:252 Resp: 551055
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 29.345 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

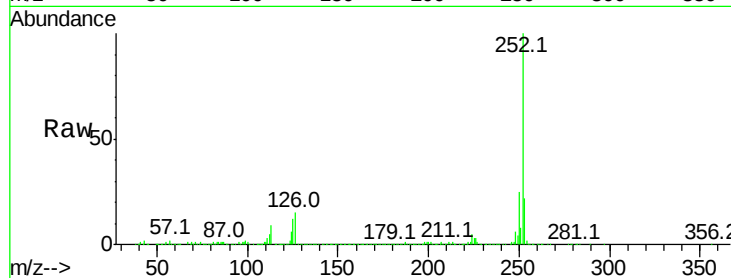
Instrument :

BNA_F

ClientSampled :

Tot Ion:252 Resp: 511947

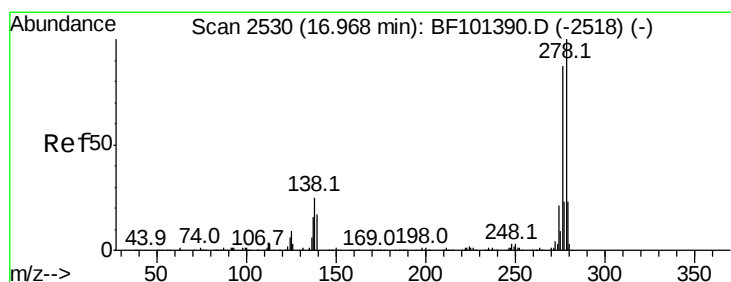
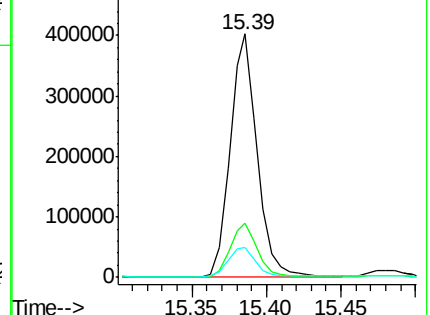
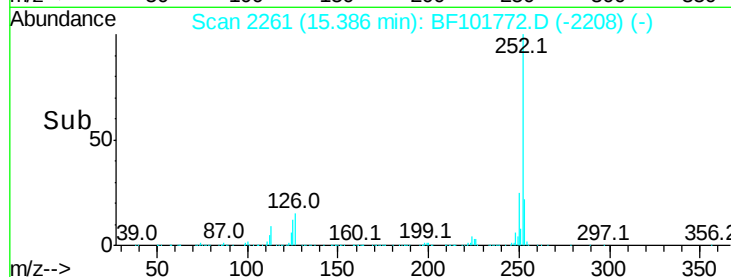
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.3	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.724 ng

RT: 16.92 min Scan# 2522

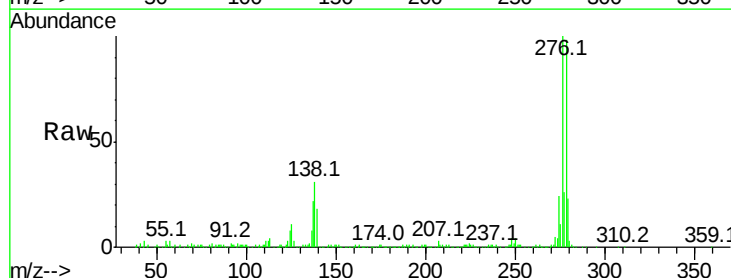
Delta R.T. 0.02 min

Lab File: BF101772.D

Acq: 27 Dec 2017 19:42

Tgt Ion:278 Resp: 445235

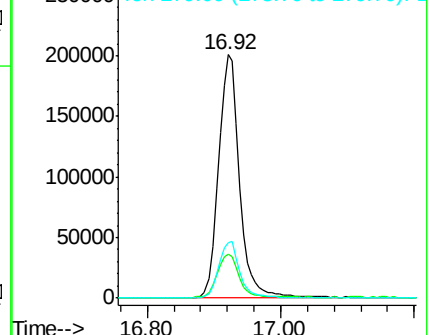
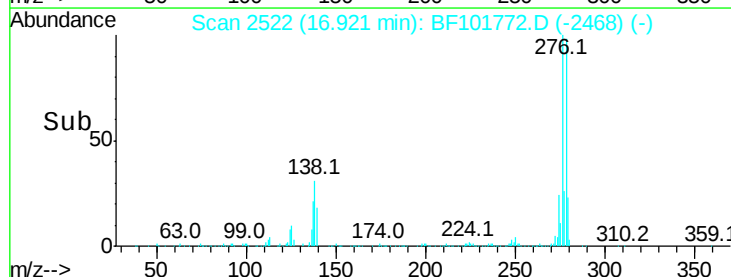
Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	23.0	19.0	28.4

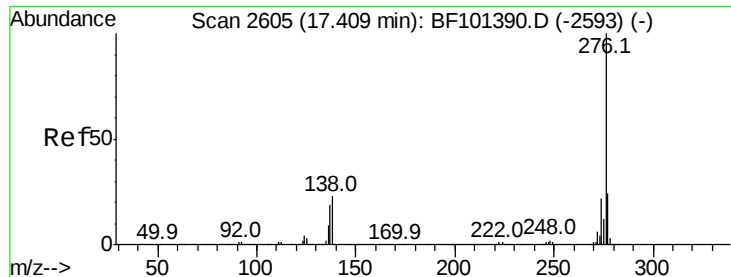


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 28.186 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.03 min
 Lab File: BF101772.D
 Acq: 27 Dec 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	25.2	21.8	32.8

