

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107777.D
 Acq On : 28 Jul 2018 6:03
 Operator : JU/SJ
 Sample : J4199-02MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Quant Time: Jul 30 01:33:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155429	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	582596	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	229782	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	405893	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	383730	20.00	ng	-0.01
86) Perylene-d12	15.68	264	331319	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	440356	45.55	ng	0.00
7) Phenol-d6	6.60	99	365931	31.52	ng	-0.01
23) Nitrobenzene-d5	7.53	82	893309	103.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	346384	132.56	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1649544	152.92	ng	-0.02
78) Terphenyl-d14	13.08	244	1417337	94.56	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	57502	12.780	ng	89
3) Pyridine	3.67	79	80086	6.543	ng	91
6) Aniline	6.64	93	180517	12.058	ng	# 74
8) 2-Chlorophenol	6.75	128	329129	31.778	ng	96
9) Benzaldehyde	6.52	77	218299	28.807	ng	97
10) Phenol	6.62	94	127546	9.343	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	331432	29.284	ng	94
12) 1,3-Dichlorobenzene	6.90	146	435384	37.077	ng	98
13) 1,4-Dichlorobenzene	6.98	146	486372	40.412	ng	98
14) 1,2-Dichlorobenzene	7.13	146	454707	42.099	ng	99
15) Benzyl Alcohol	7.11	79	177847	22.481	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	697859	36.549	ng	83
17) 2-Methylphenol	7.22	107	212208	24.107	ng	# 65
18) Hexachloroethane	7.47	117	150202	35.581	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	290012	38.675	ng	98
20) 3+4-Methylphenols	7.38	107	238582	22.825	ng	# 20
22) Acetophenone	7.37	105	617014	45.096	ng	# 94
24) Nitrobenzene	7.55	77	401568	40.613	ng	99
25) Isophorone	7.78	82	791301	42.931	ng	98
26) 2-Nitrophenol	7.87	139	215124	51.521	ng	99
27) 2,4-Dimethylphenol	7.90	122	295523	37.391	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	497585	40.395	ng	99
29) 2,4-Dichlorophenol	8.11	162	311839	38.602	ng	100
30) 1,2,4-Trichlorobenzene	8.18	180	365171	40.247	ng	98
31) Naphthalene	8.27	128	1194447	46.623	ng	99
32) Benzoic acid	8.00	122	46910	15.002	ng	# 76
33) 4-Chloroaniline	8.33	127	171632	15.328	ng	97
34) Hexachlorobutadiene	8.37	225	221394	41.064	ng	99
35) Caprolactam	8.70	113	14548	5.537	ng	# 82
36) 4-Chloro-3-methylphenol	8.80	107	292810	32.630	ng	96
37) 2-Methylnaphthalene	8.96	142	790096	44.505	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	375822	49.036	ng	97
40) Hexachlorocyclopentadiene	9.10	237	40697	10.446	ng	97
42) 2,4,6-Trichlorophenol	9.24	196	205741	41.939	ng	98

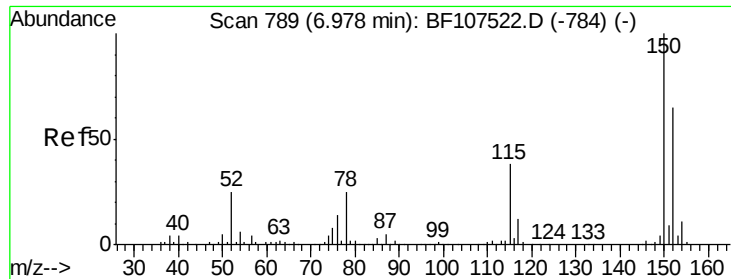
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107777.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	223511	43.593	ng	97
45) 1,1'-Biphenyl	9.42	154	987674	49.342	ng	98
46) 2-Chloronaphthalene	9.45	162	707924	46.269	ng	99
47) 2-Nitroaniline	9.56	65	221753	49.715	ng	92
48) Acenaphthylene	9.87	152	1117615	48.626	ng	99
49) Dimethylphthalate	9.72	163	892702	51.548	ng	98
50) 2,6-Dinitrotoluene	9.79	165	163398	47.523	ng	91
51) Acenaphthene	10.04	154	682998	47.428	ng	100
52) 3-Nitroaniline	9.98	138	81854	19.569	ng	91
53) 2,4-Dinitrophenol	10.10	184	32264	31.725	ng	# 46
54) Dibenzofuran	10.21	168	938465	44.266	ng	99
55) 4-Nitrophenol	10.17	139	35897	11.462	ng	# 82
56) 2,4-Dinitrotoluene	10.20	165	199558	48.082	ng	# 92
57) Fluorene	10.55	166	743135	49.133	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	198853	46.601	ng	# 84
59) Diethylphthalate	10.41	149	820175	45.347	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	373362	43.665	ng	92
61) 4-Nitroaniline	10.60	138	130512	37.137	ng	97
62) Azobenzene	10.70	77	697390	41.121	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	31097	21.681	ng	83
65) n-Nitrosodiphenylamine	10.67	169	639698	46.405	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	209792	43.908	ng	# 86
67) Hexachlorobenzene	11.10	284	225418	42.877	ng	# 89
68) Atrazine	11.19	200	184198	43.764	ng	96
69) Pentachlorophenol	11.30	266	194818	59.327	ng	99
70) Phenanthrene	11.52	178	921818	46.605	ng	99
71) Anthracene	11.58	178	1028439	51.642	ng	99
72) Carbazole	11.74	167	942371	45.505	ng	99
73) Di-n-butylphthalate	12.04	149	1123240	57.133	ng	99
74) Fluoranthene	12.72	202	1067727	50.306	ng	96
76) Benzidine	12.85	184	180274	16.313	ng	95
77) Pyrene	12.95	202	1072212	40.850	ng	98
79) Butylbenzylphthalate	13.55	149	479310	42.462	ng	92
80) Benzo(a)anthracene	14.14	228	994317	44.217	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	229094	31.575	ng	# 96
82) Chrysene	14.18	228	1068379	49.459	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	655364	41.148	ng	99
84) Di-n-octyl phthalate	14.72	149	1208920	48.832	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	728890	39.813	ng	# 92
87) Benzo(b)fluoranthene	15.22	252	857236	47.276	ng	98
88) Benzo(k)fluoranthene	15.26	252	924270	52.027	ng	# 96
89) Benzo(a)pyrene	15.62	252	799389	48.195	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	618365	43.128	ng	96
91) Benzo(g,h,i)perylene	17.74	276	572813	40.502	ng	# 92

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

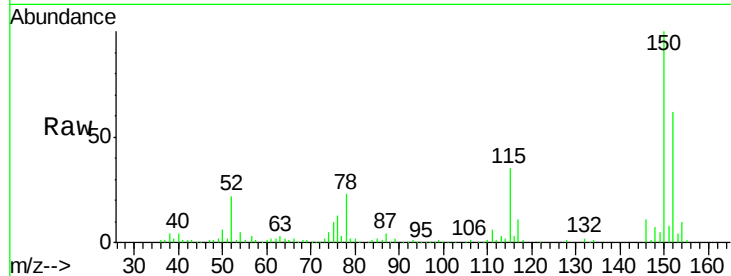


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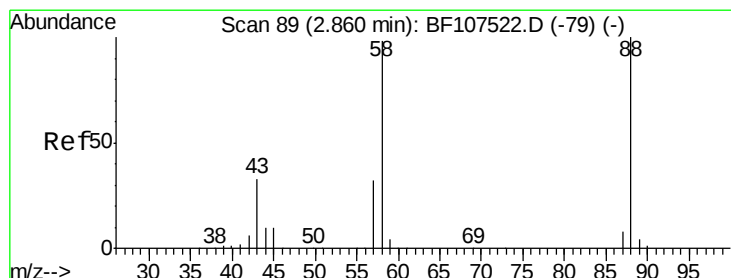
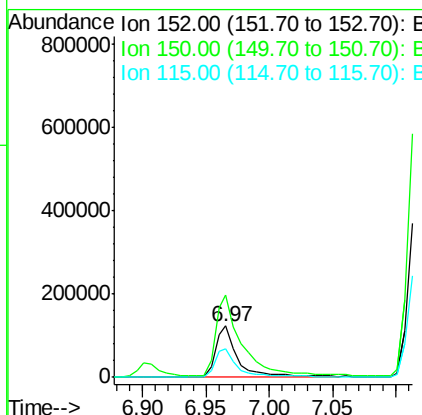
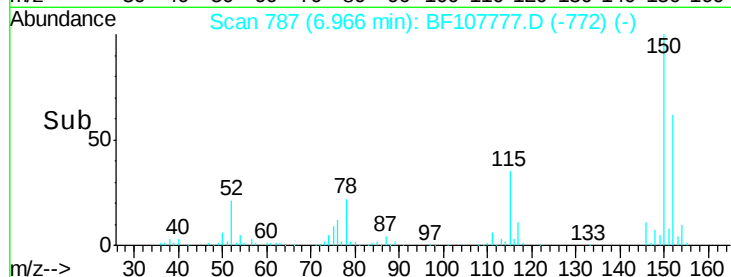
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion:152 Resp: 155429
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 56.4 50.1 75.1



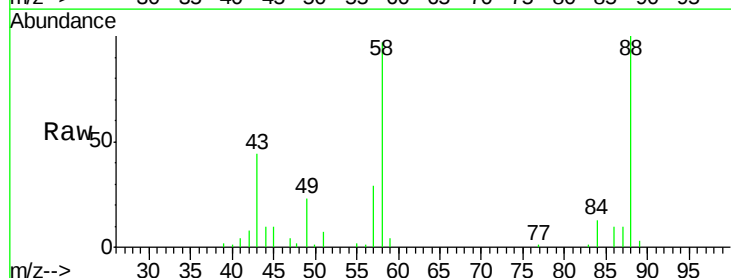
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



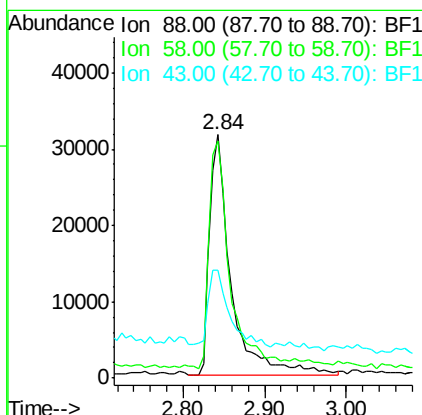
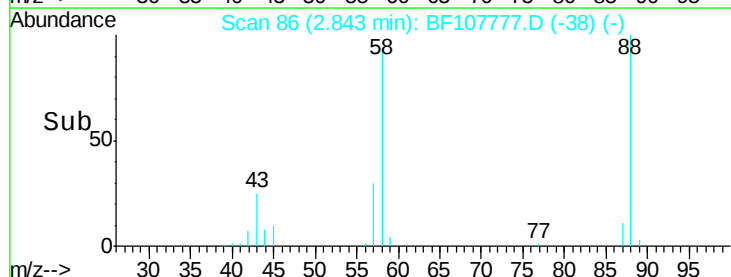
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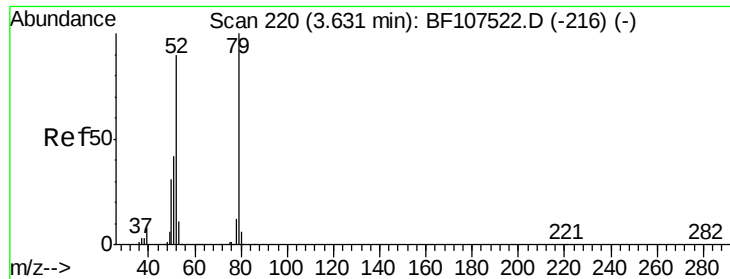
1,4-Dioxane
Concen: 12.780 ng
RT: 2.84 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 88 Resp: 57502
Ion Ratio Lower Upper
88 100
58 92.0 62.6 93.8
43 30.9 24.6 37.0



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





#3

Pyridine

Concen: 6.543 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

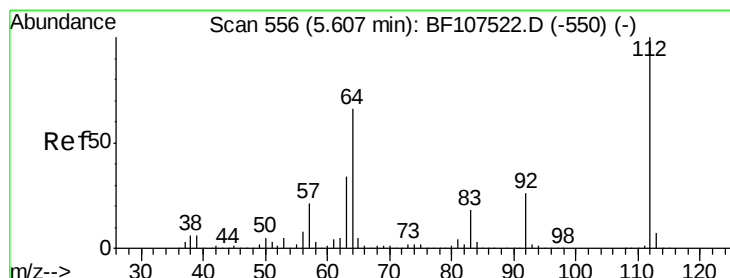
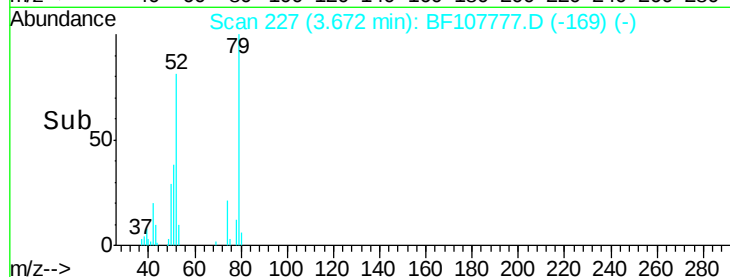
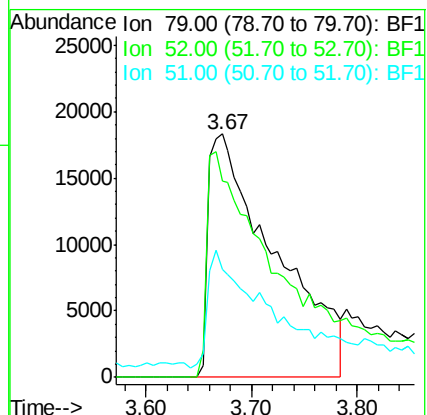
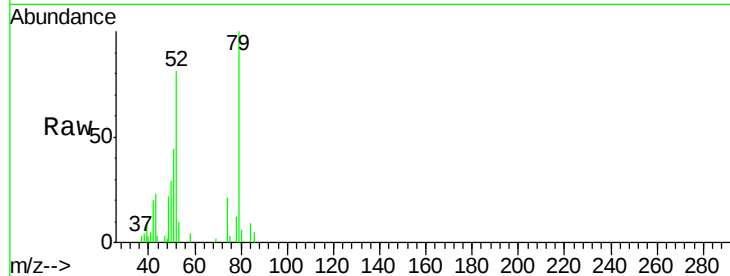
Tgt Ion: 79 Resp: 80086

Ion Ratio Lower Upper

79 100

52 80.6 59.8 89.6

51 44.4 29.8 44.8



#5

2-Fluorophenol

Concen: 45.552 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

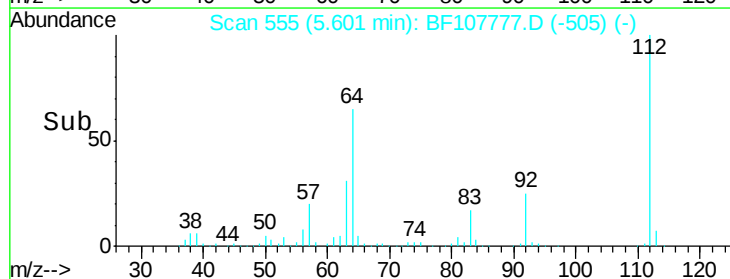
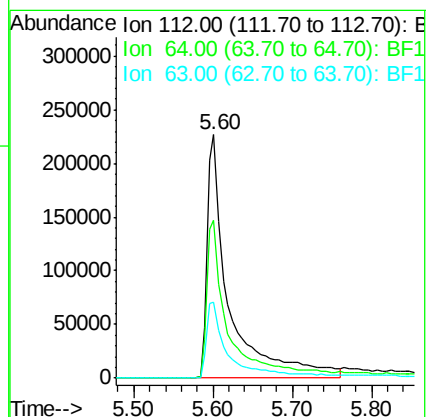
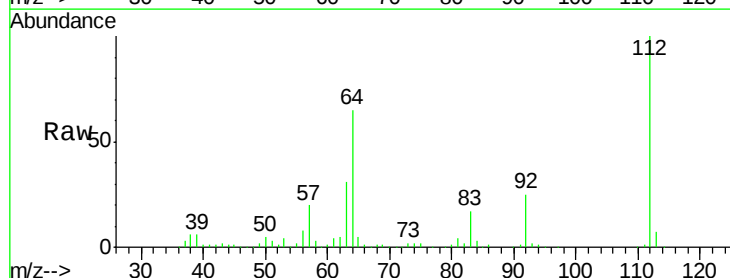
Tgt Ion: 112 Resp: 440356

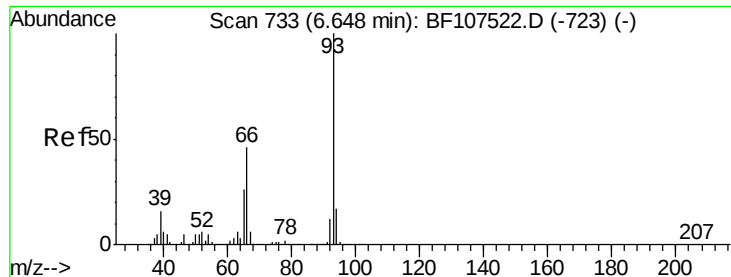
Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

63 31.3 23.7 35.5





#6

Aniline

Concen: 12.058 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

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ClientSampleId :

MW-33MS

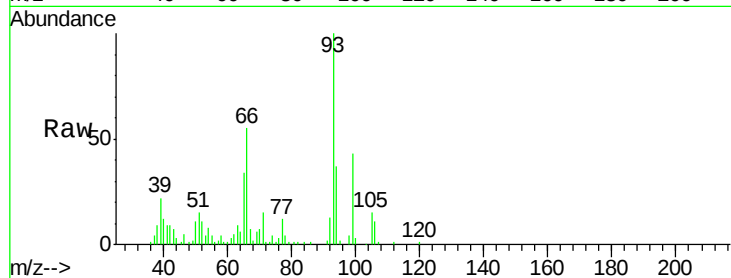
Tgt Ion: 93 Resp: 180517

Ion Ratio Lower Upper

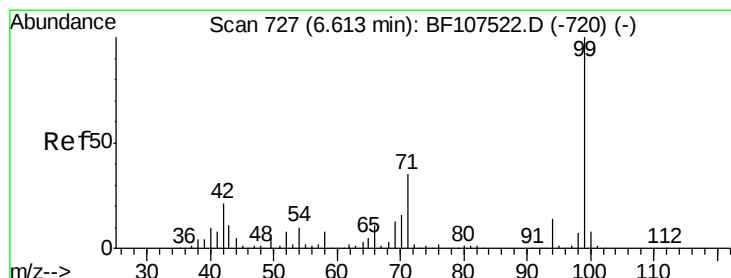
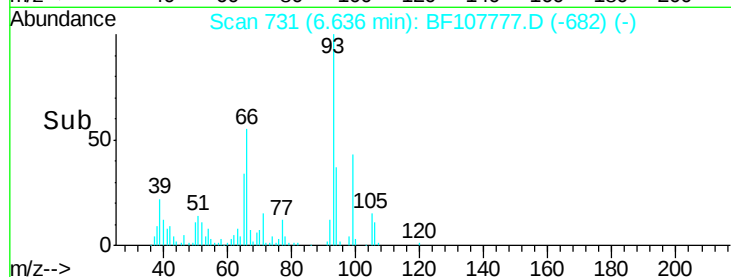
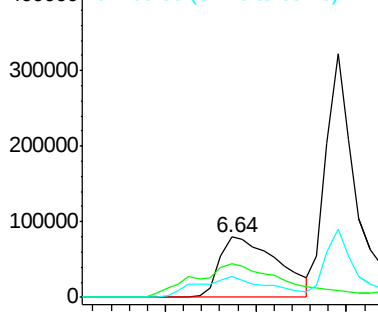
93 100

66 55.2 32.2 48.2#

65 34.1 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 31.525 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

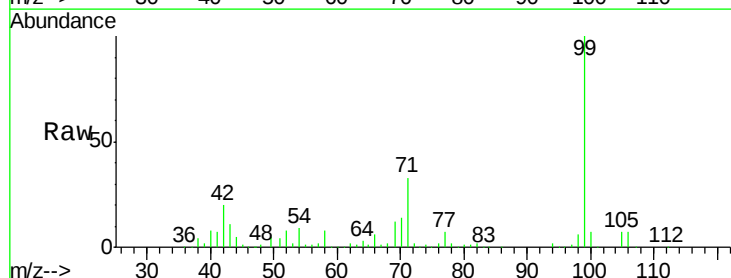
Tgt Ion: 99 Resp: 365931

Ion Ratio Lower Upper

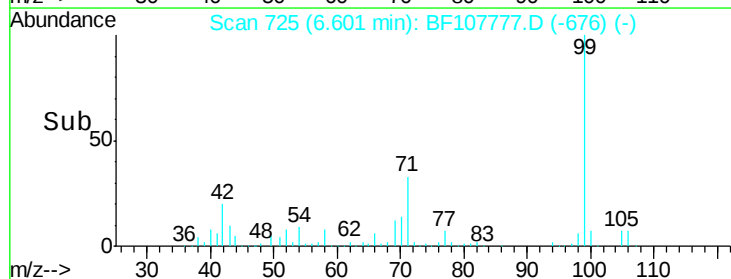
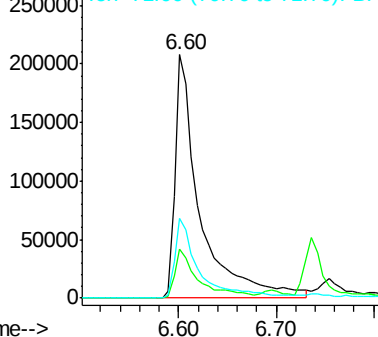
99 100

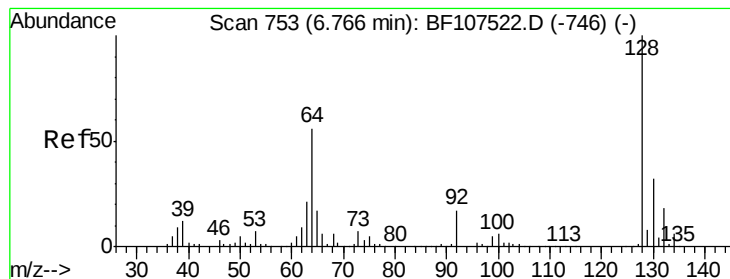
42 19.9 14.5 21.7

71 32.6 25.4 38.0



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





#8

2-Chlorophenol

Concen: 31.778 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

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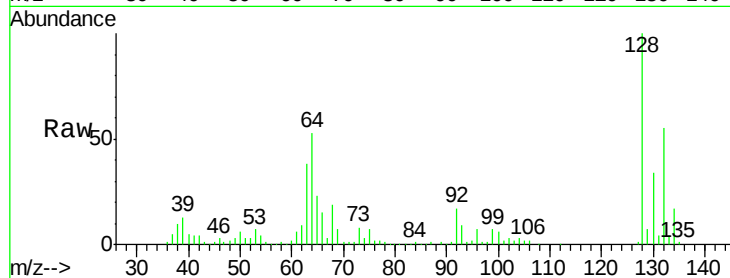
Tgt Ion: 128 Resp: 329129

Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

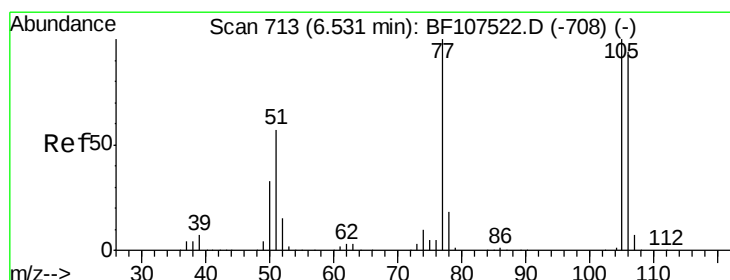
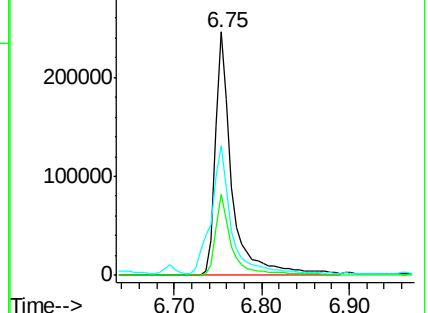
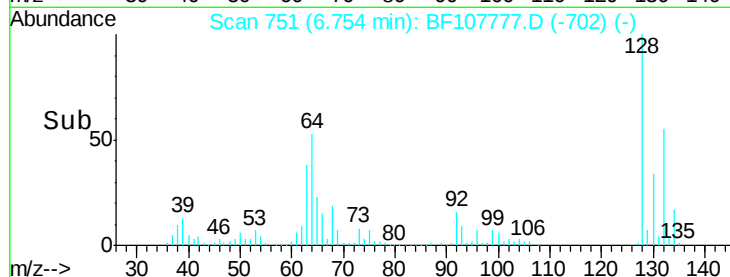
64 53.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 28.807 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

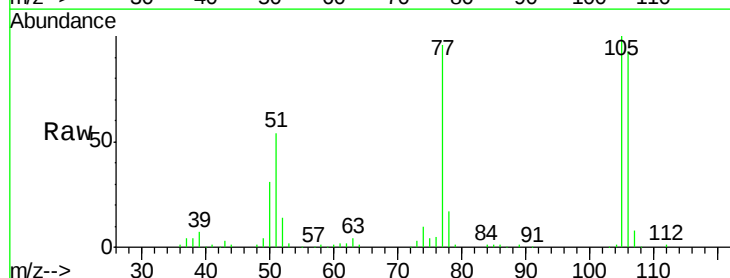
Tgt Ion: 77 Resp: 218299

Ion Ratio Lower Upper

77 100

105 103.8 81.1 121.1

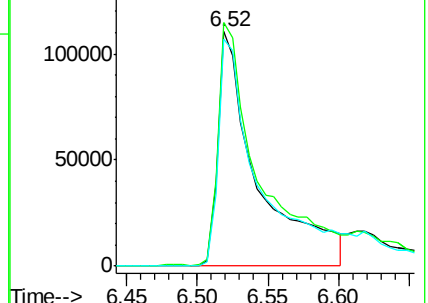
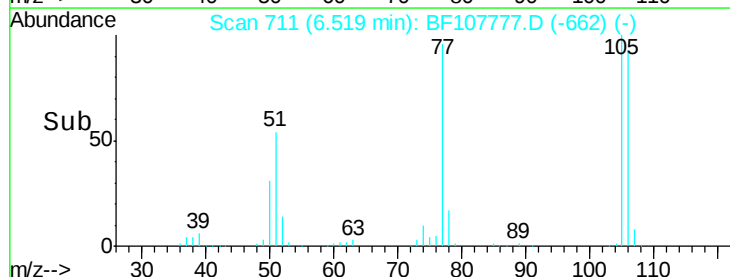
106 96.8 74.5 114.5

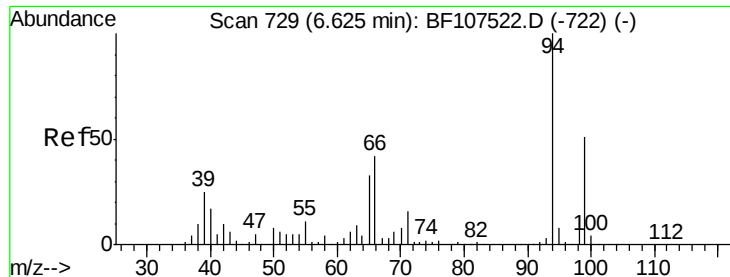


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 9.343 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

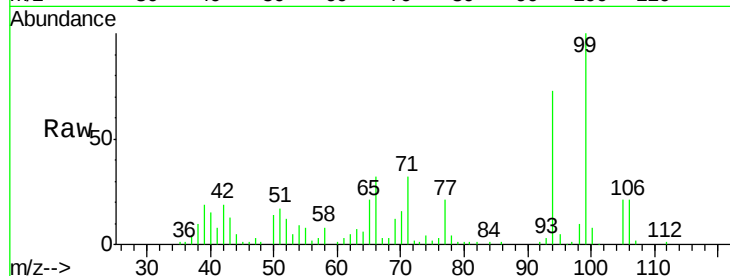
Tgt Ion: 94 Resp: 127546

Ion Ratio Lower Upper

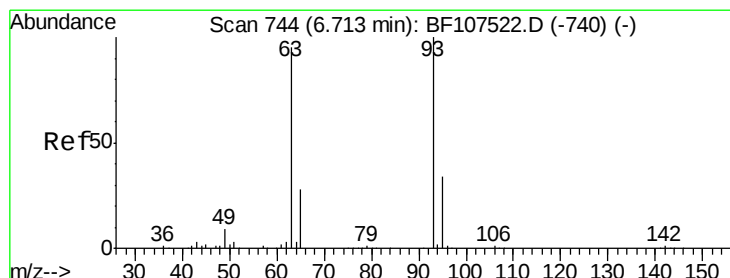
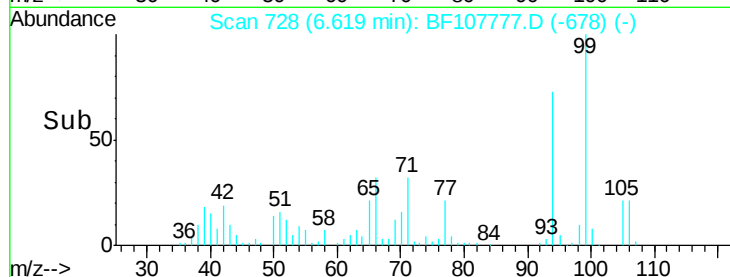
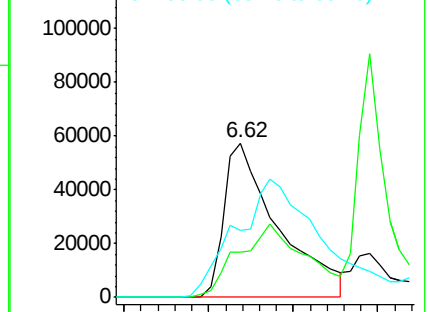
94 100

65 29.1 7.9 47.9

66 43.5 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: 29.284 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

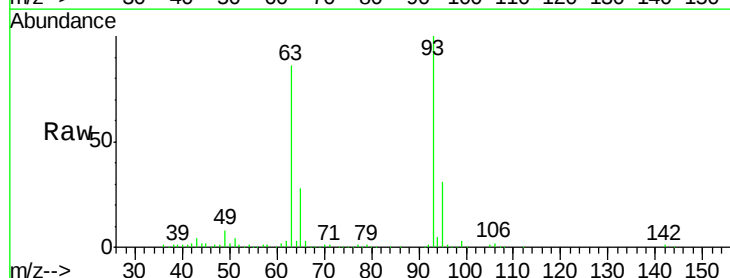
Tgt Ion: 93 Resp: 331432

Ion Ratio Lower Upper

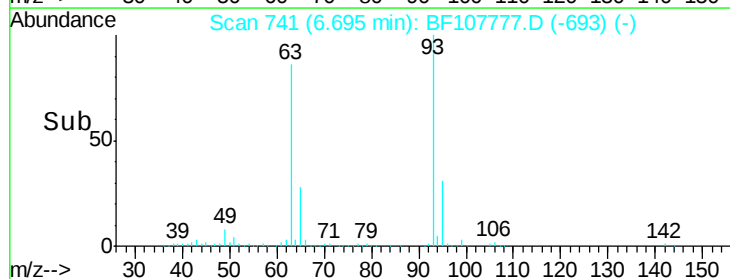
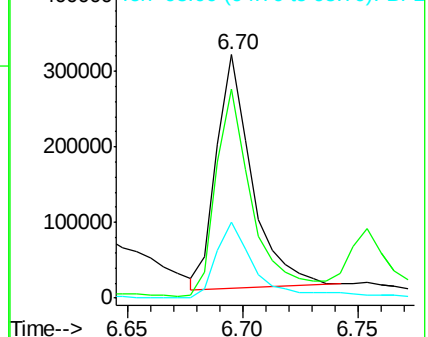
93 100

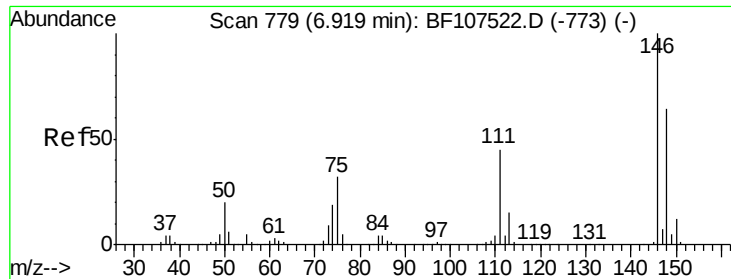
63 85.7 58.6 98.6

95 31.0 11.8 51.8



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





#12

1,3-Dichlorobenzene

Concen: 37.077 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

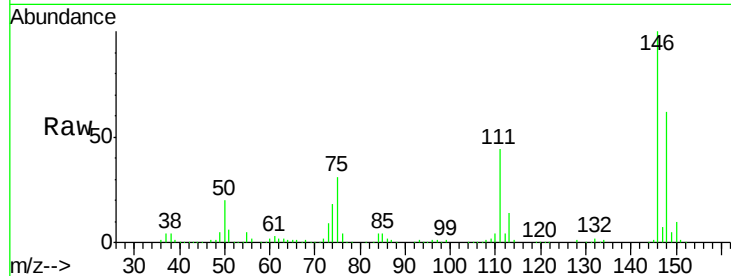
Tgt Ion:146 Resp: 435384

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.8

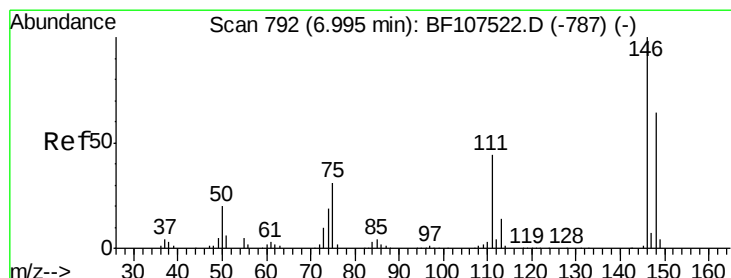
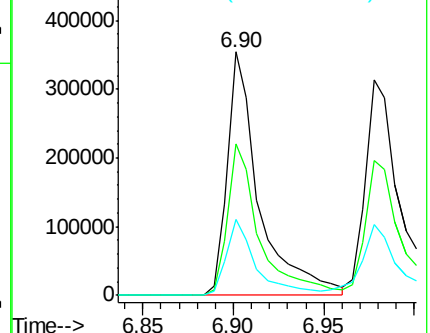
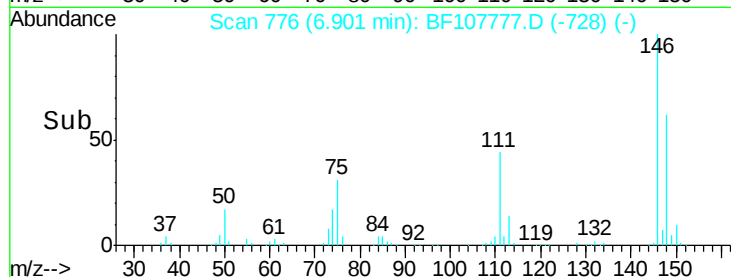
75 31.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 40.412 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

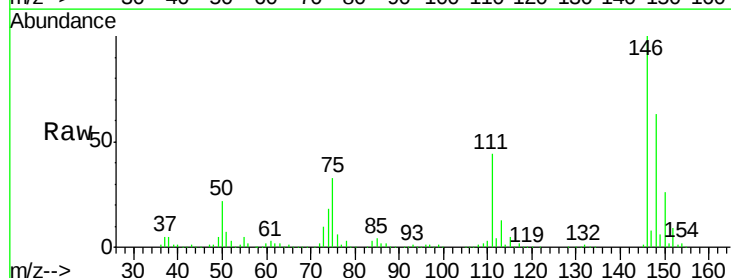
Tgt Ion:146 Resp: 486372

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

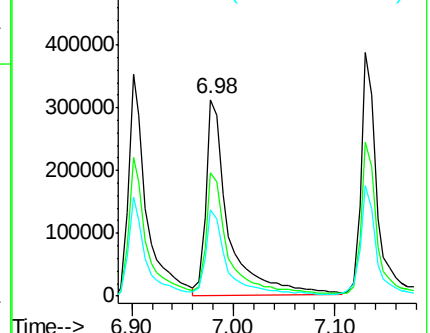
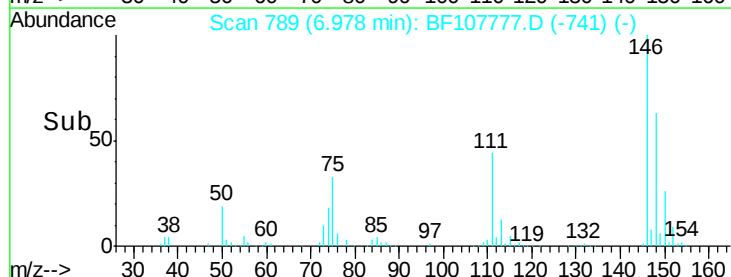
111 44.1 34.2 51.2

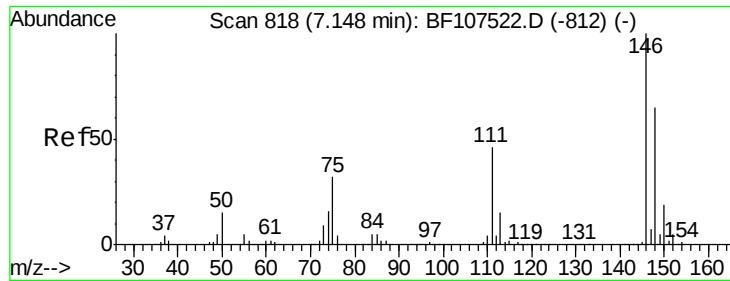


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

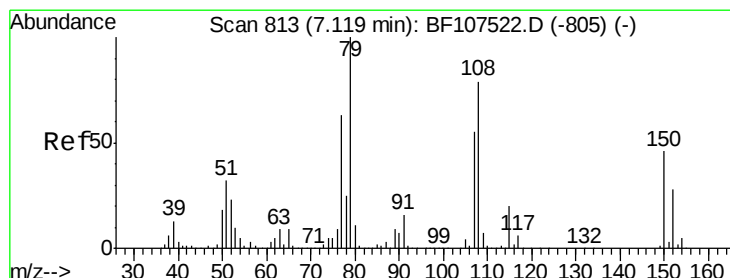
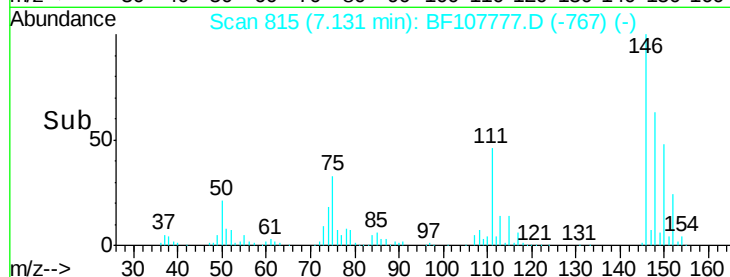
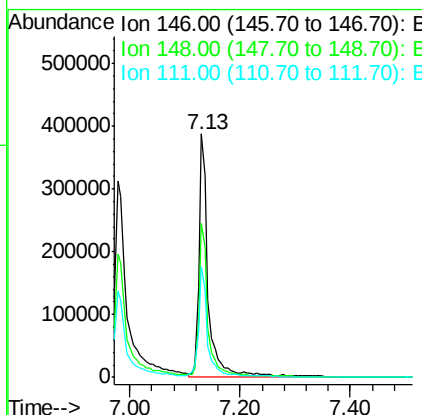
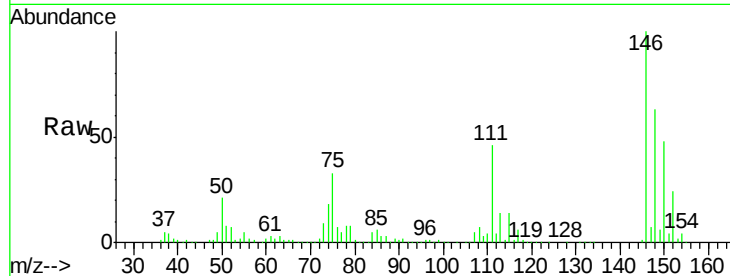




#14
1,2-Dichlorobenzene
Concen: 42.099 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

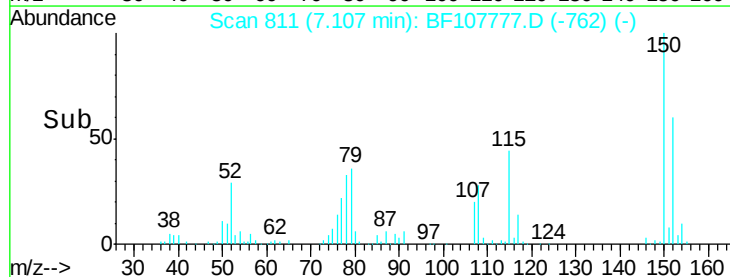
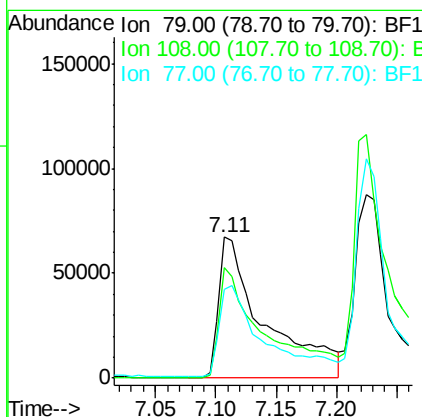
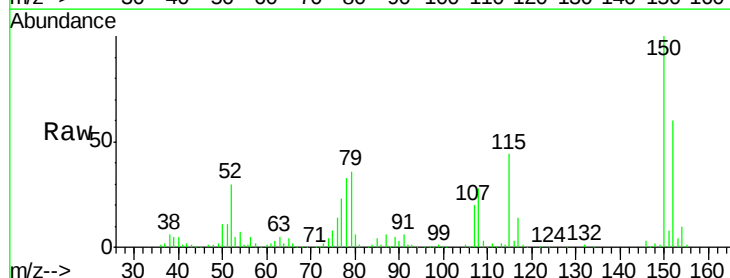
Instrument :
BNA_F
ClientSampleId :
MW-33MS

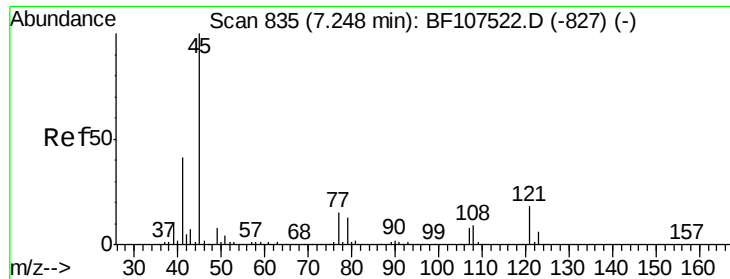
Tgt Ion: 146 Resp: 454707
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
111 45.6 36.0 54.0



#15
Benzyl Alcohol
Concen: 22.481 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 79 Resp: 177847
Ion Ratio Lower Upper
79 100
108 78.2 65.1 97.7
77 63.1 50.6 75.8

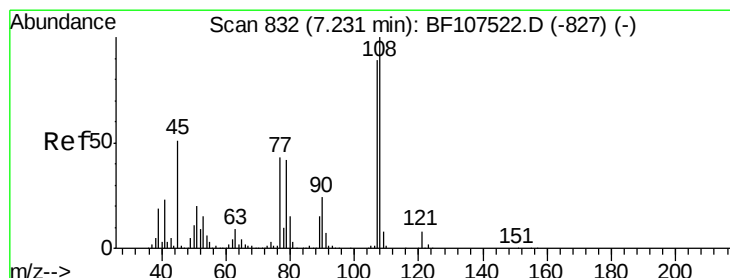
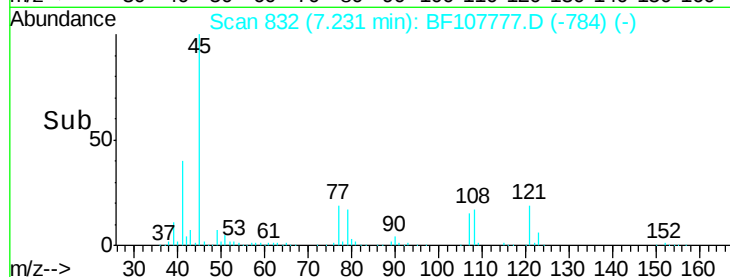
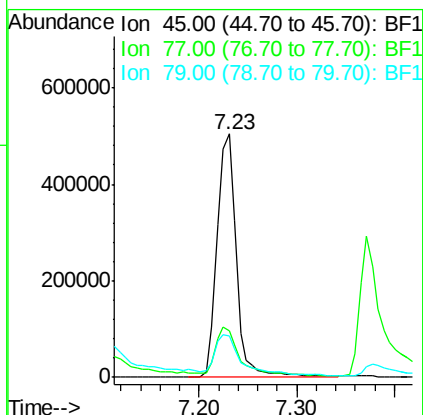
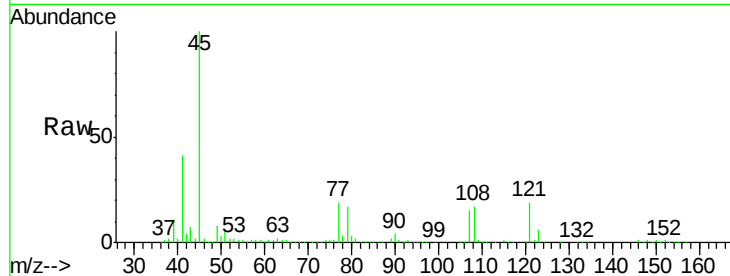




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.549 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

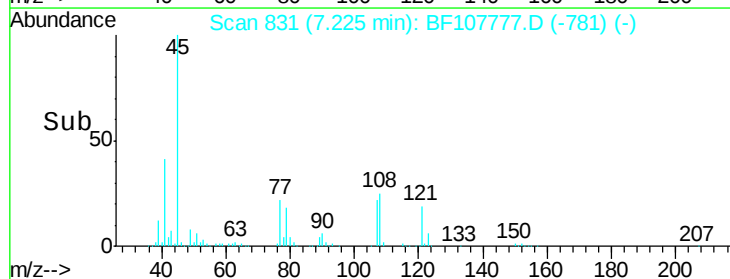
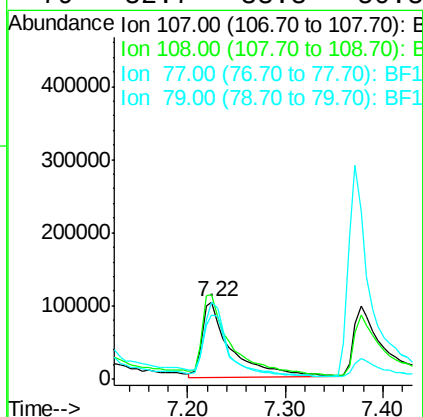
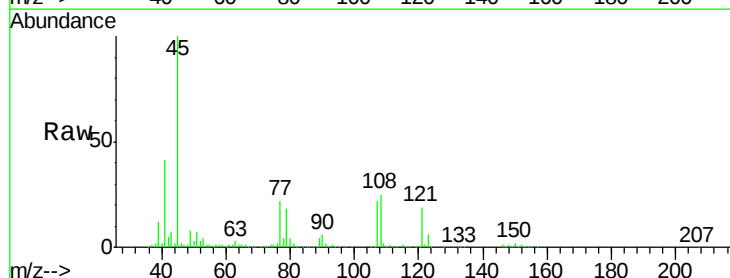
Instrument :
BNA_F
ClientSampleId :
MW-33MS

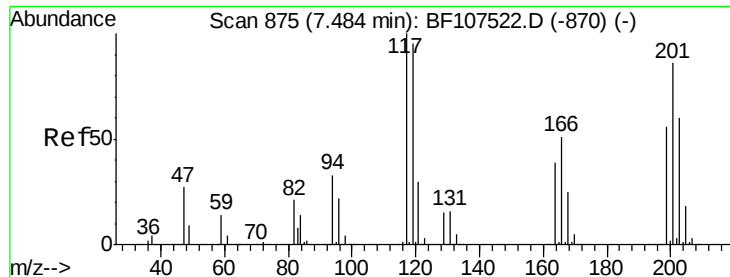
Tgt Ion: 45 Resp: 697859
Ion Ratio Lower Upper
45 100
77 19.1 0.0 32.9
79 16.9 0.0 29.6



#17
2-Methylphenol
Concen: 24.107 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 107 Resp: 212208
Ion Ratio Lower Upper
107 100
108 110.0 91.7 137.5
77 99.1 33.8 50.8#
79 82.7 33.8 50.8#

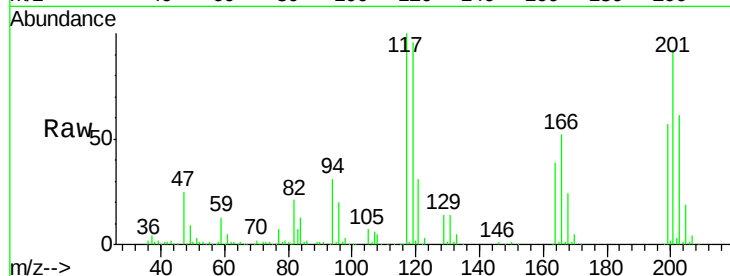




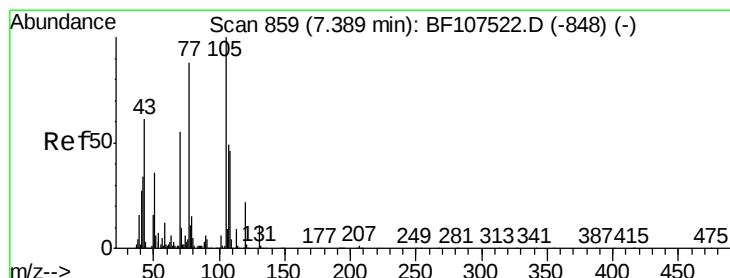
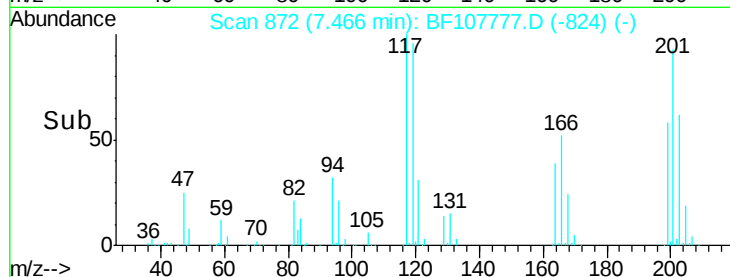
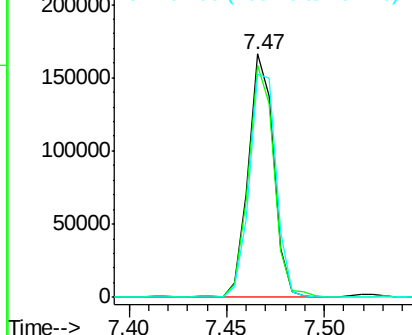
#18
Hexachloroethane
Concen: 35.581 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion: 117 Resp: 150202
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 91.6 75.7 113.5

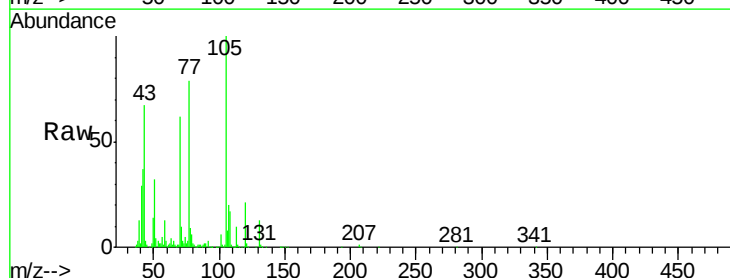


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

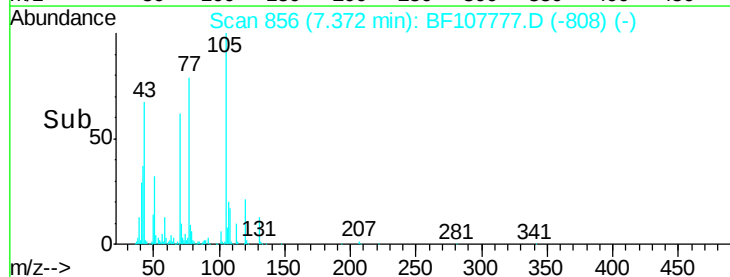
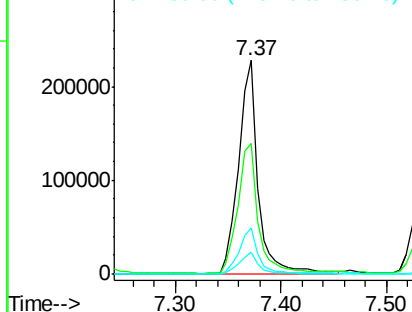


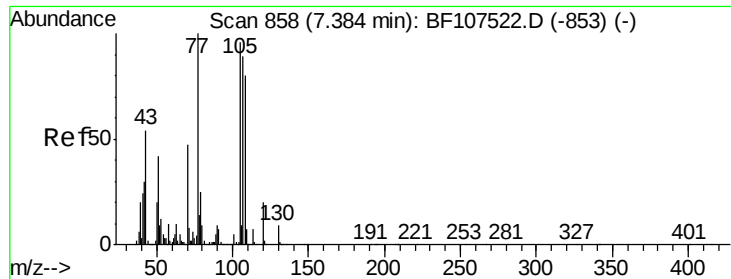
#19
n-Nitroso-di-n-propylamine
Concen: 38.675 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 70 Resp: 290012
Ion Ratio Lower Upper
70 100
42 60.8 47.5 71.3
101 10.0 7.4 11.2
130 21.7 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): E
Ion 130.00 (129.70 to 130.70): E

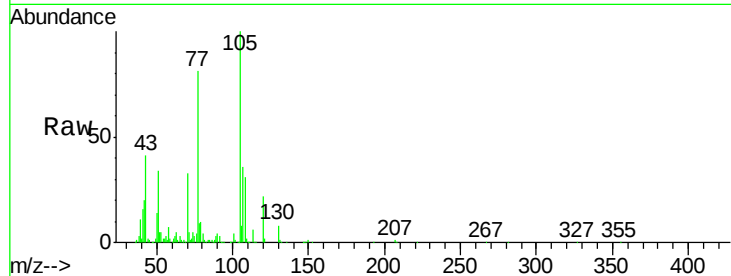




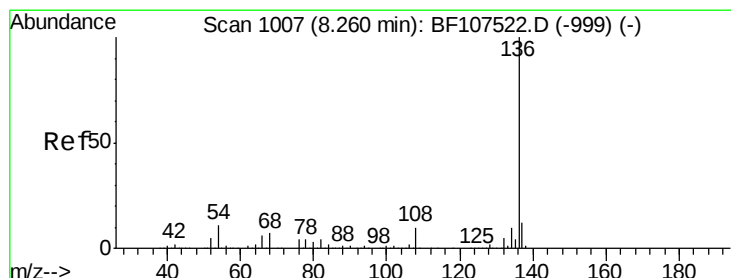
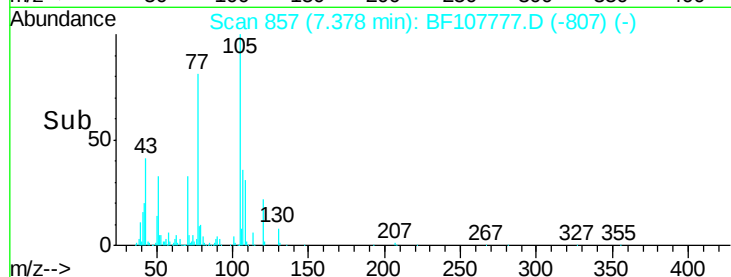
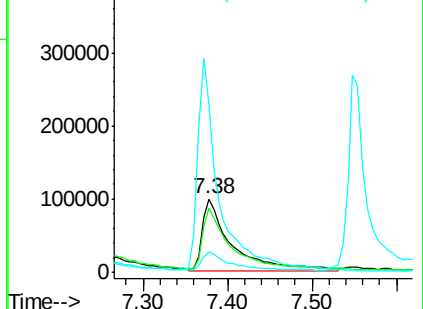
#20
3+4-Methylphenols
Concen: 22.825 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion:	107	Resp:	238582
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	227.6	26.7	66.7#
79	27.5	6.3	46.3

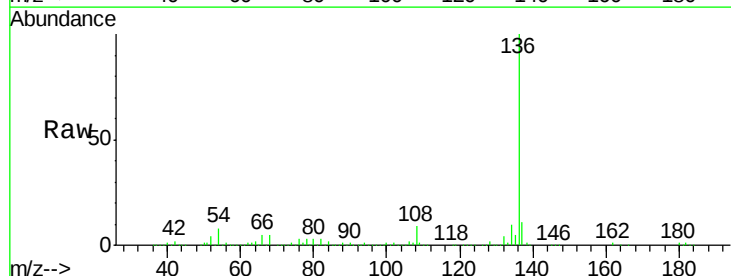


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

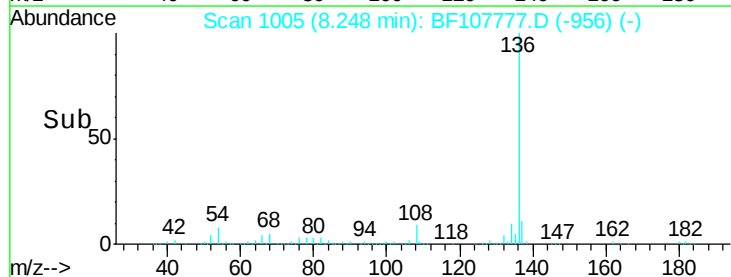
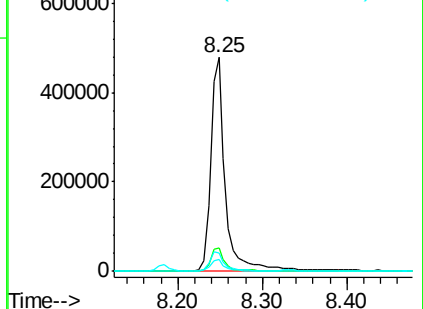


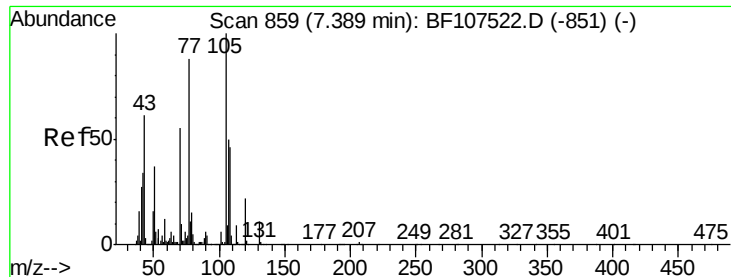
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion:	136	Resp:	582596
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	5.1	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

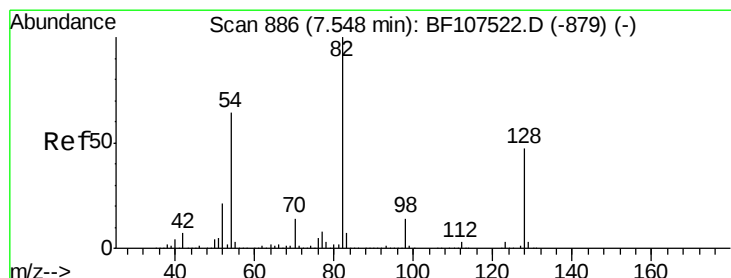
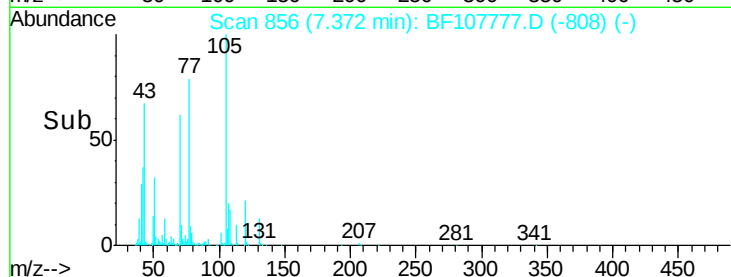
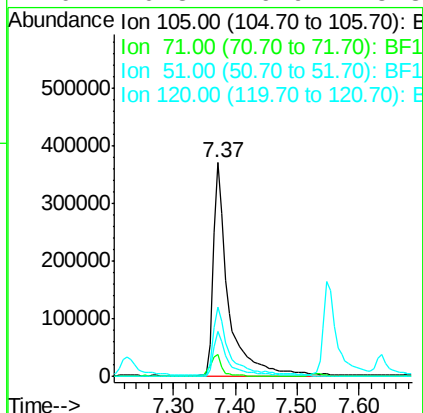
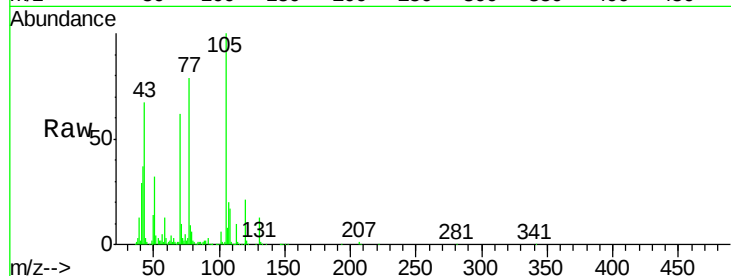




#22
Acetophenone
Concen: 45.096 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

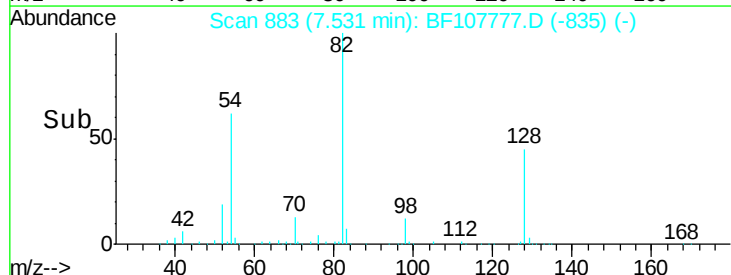
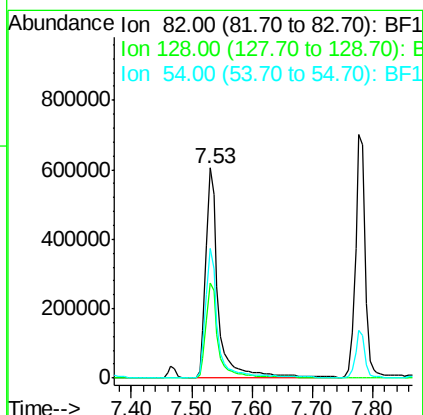
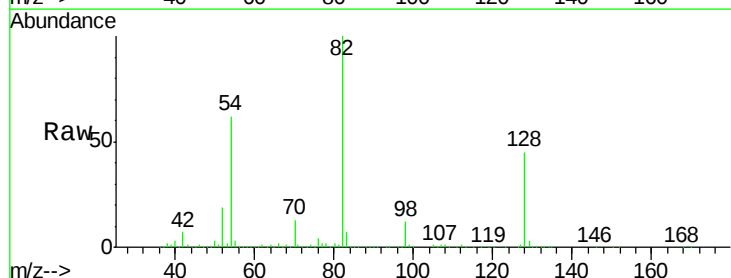
Instrument :
BNA_F
ClientSampleId :
MW-33MS

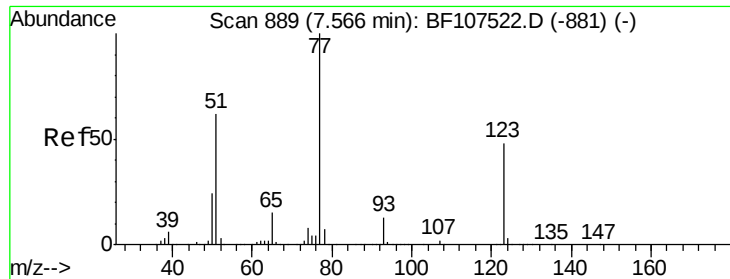
Tgt Ion: 105 Resp: 617014
Ion Ratio Lower Upper
105 100
71 10.2 4.4 6.6#
51 32.1 22.3 33.5
120 20.8 16.9 25.3



#23
Nitrobenzene-d5
Concen: 103.480 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 82 Resp: 893309
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 62.0 41.4 62.2

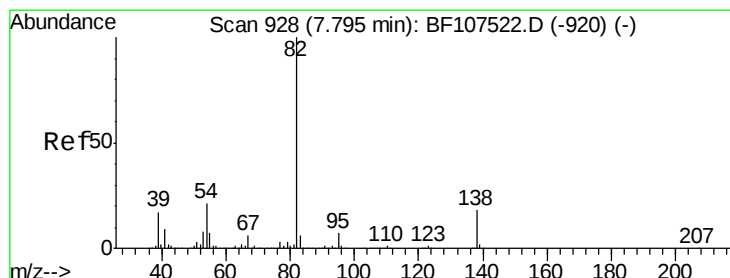
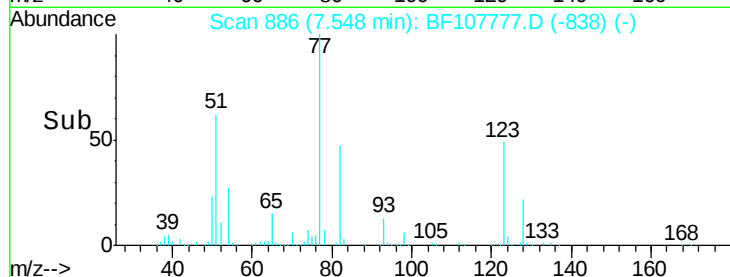
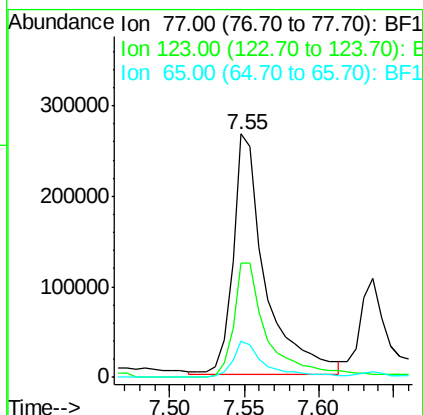
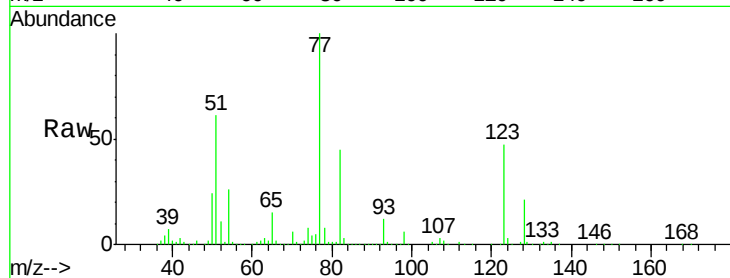




#24
Nitrobenzene
Concen: 40.613 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

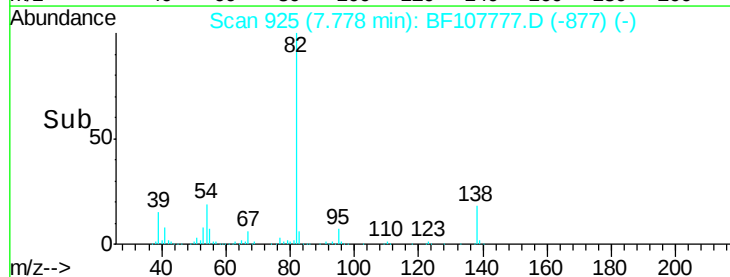
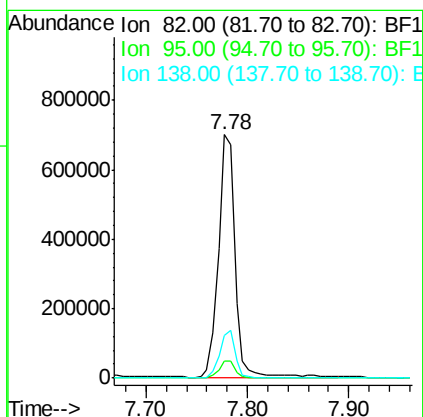
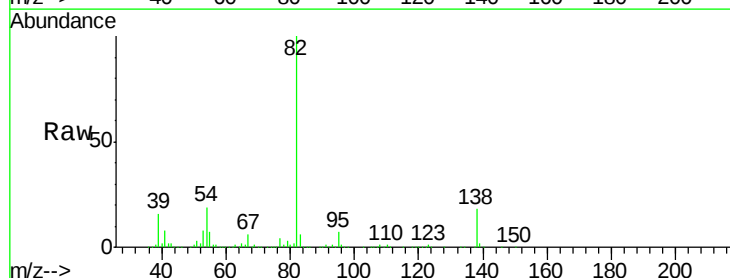
Instrument :
BNA_F
ClientSampleId :
MW-33MS

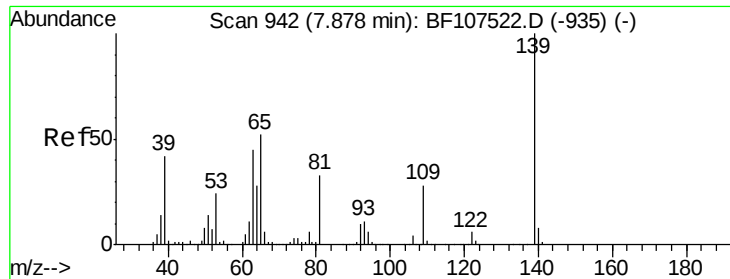
Tgt Ion: 77 Resp: 401568
Ion Ratio Lower Upper
77 100
123 47.2 37.9 56.9
65 15.1 11.0 16.4



#25
Isophorone
Concen: 42.931 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 82 Resp: 791301
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.7 14.9 22.3

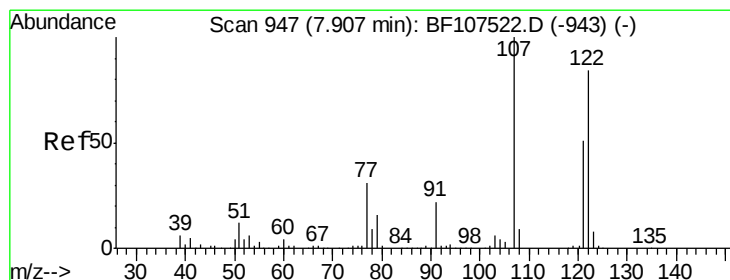
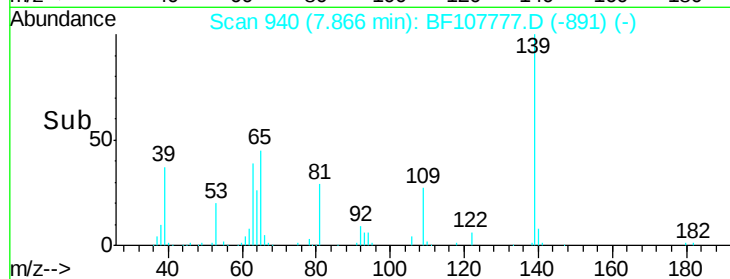
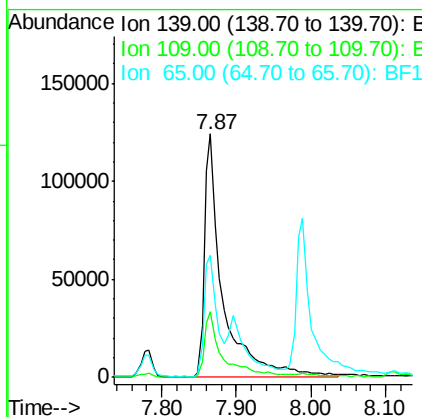
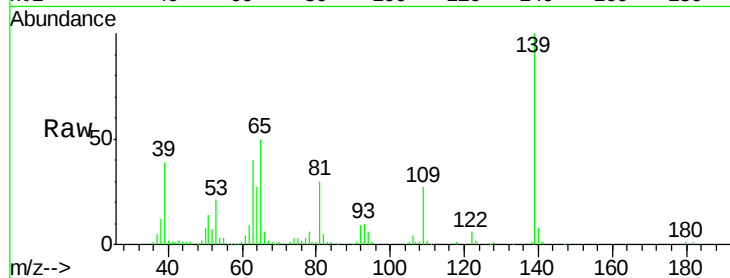




#26
 2-Nitrophenol
 Concen: 51.521 ng
 RT: 7.87 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

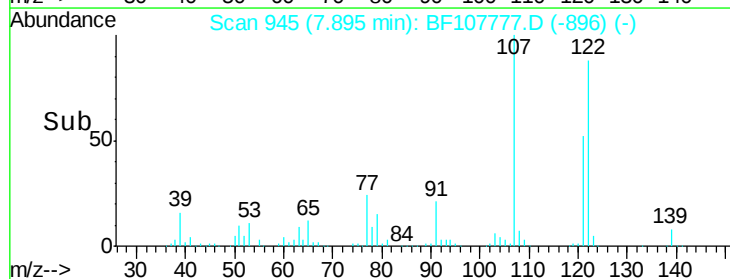
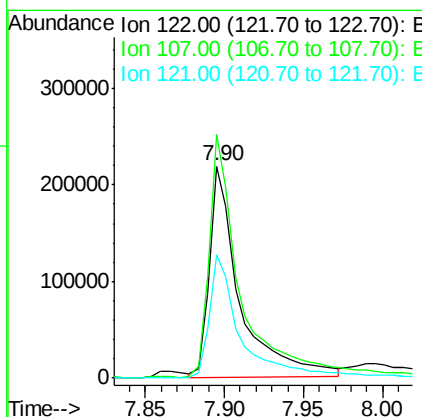
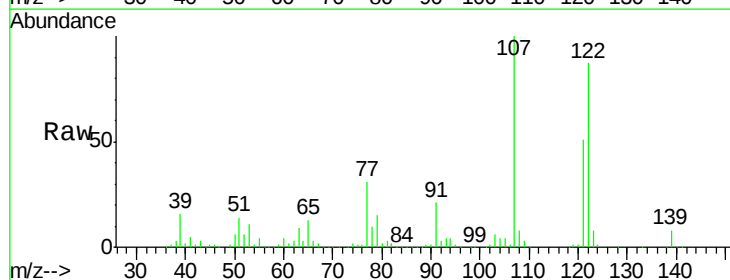
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

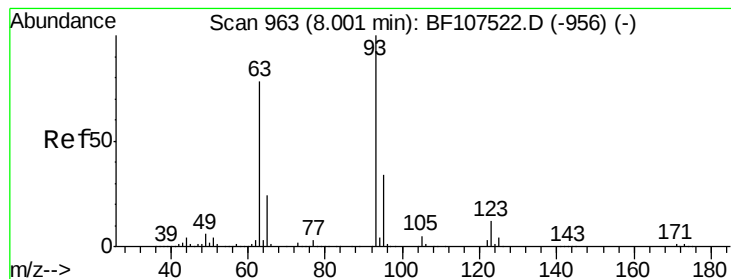
Tgt Ion:139 Resp: 215124
 Ion Ratio Lower Upper
 139 100
 109 27.0 22.7 34.1
 65 50.2 40.5 60.7



#27
 2,4-Dimethylphenol
 Concen: 37.391 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:122 Resp: 295523
 Ion Ratio Lower Upper
 122 100
 107 114.8 91.2 136.8
 121 58.4 47.2 70.8





#28

bis(2-Chloroethoxy)methane

Concen: 40.395 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

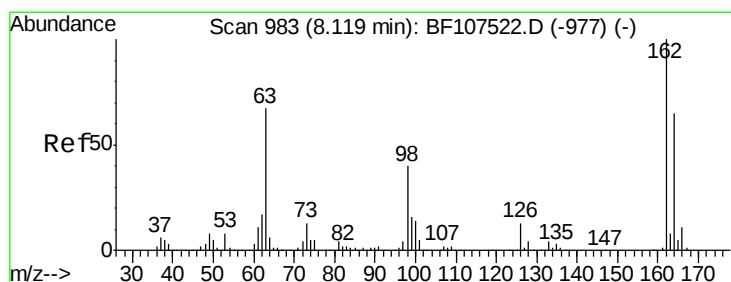
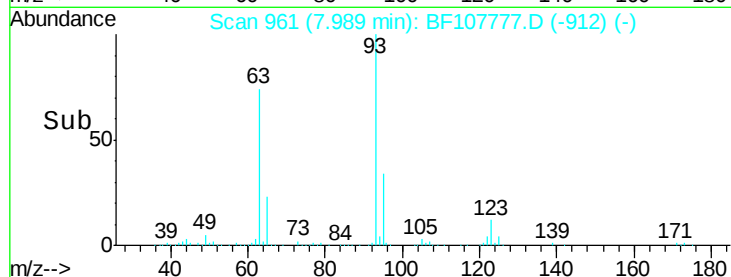
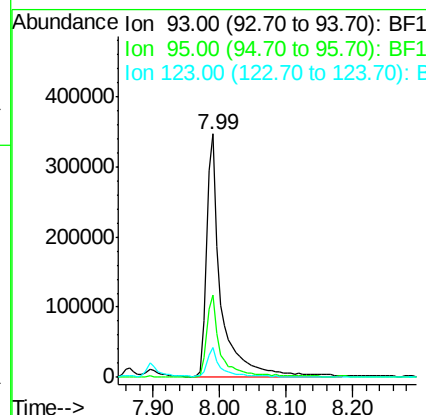
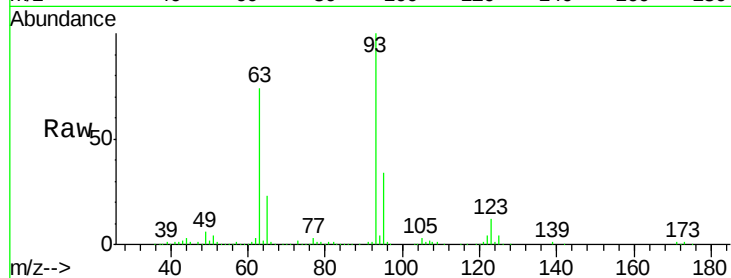
Tgt Ion: 93 Resp: 497585

Ion Ratio Lower Upper

93 100

95 33.7 26.3 39.5

123 12.1 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 38.602 ng

RT: 8.11 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

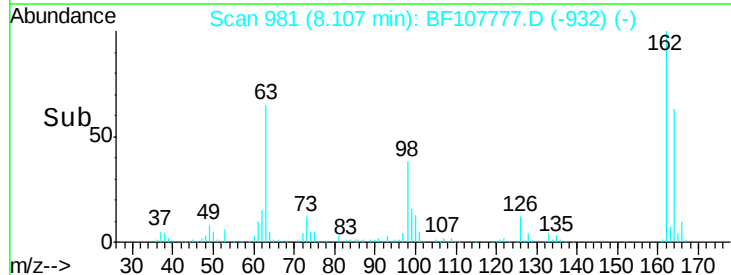
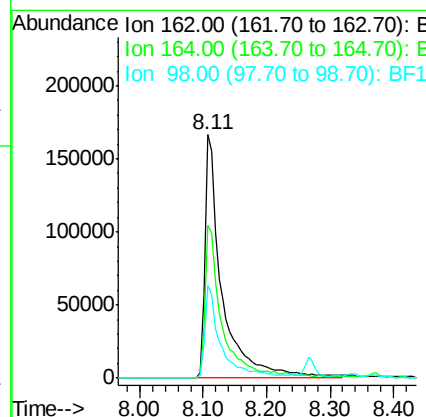
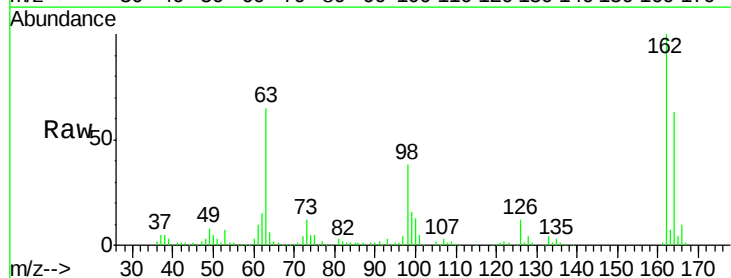
Tgt Ion: 162 Resp: 311839

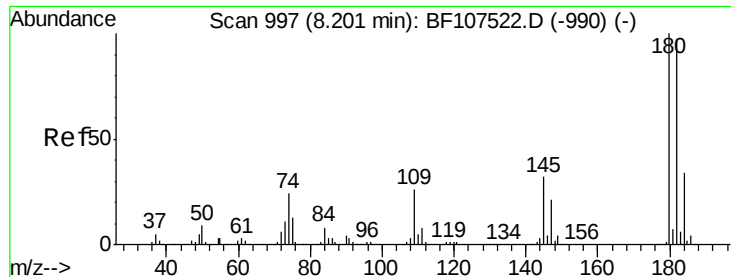
Ion Ratio Lower Upper

162 100

164 62.8 42.7 82.7

98 37.8 18.1 58.1

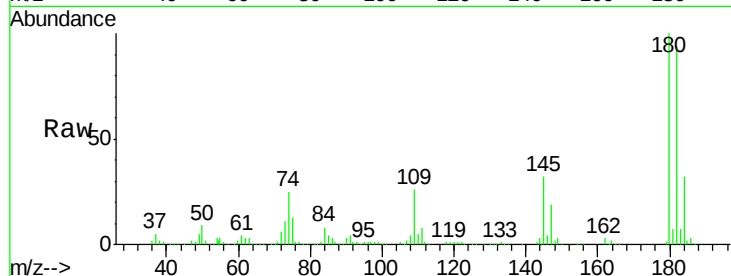




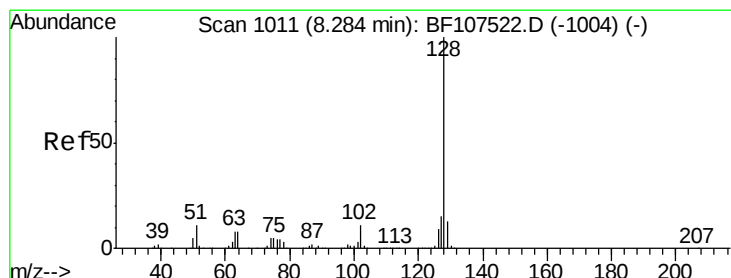
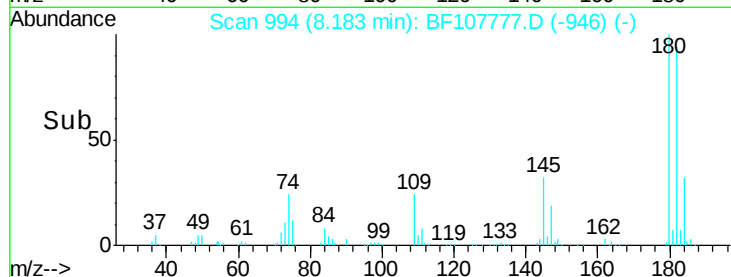
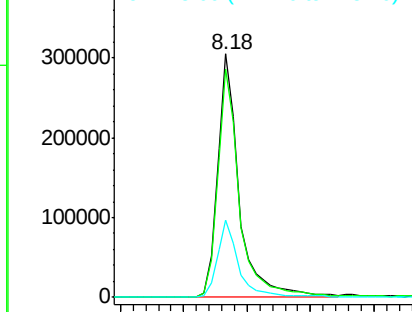
#30
 1,2,4-Trichlorobenzene
 Concen: 40.247 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tgt Ion:180 Resp: 365171
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 31.7 26.5 39.7

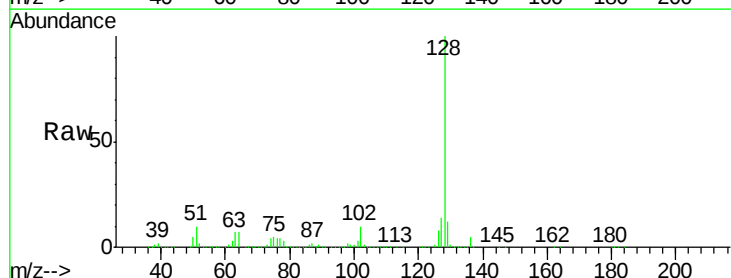


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

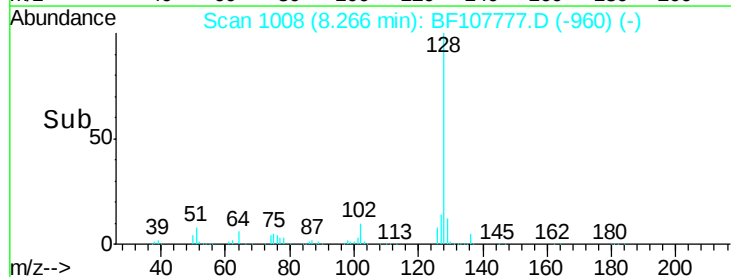
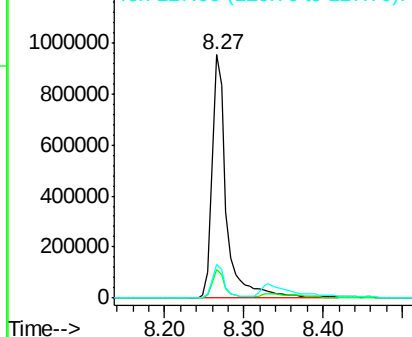


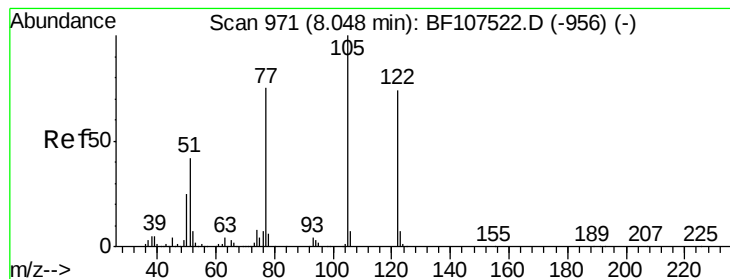
#31
 Naphthalene
 Concen: 46.623 ng
 RT: 8.27 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:128 Resp: 1194447
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.8 13.2
 127 13.7 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: 15.002 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

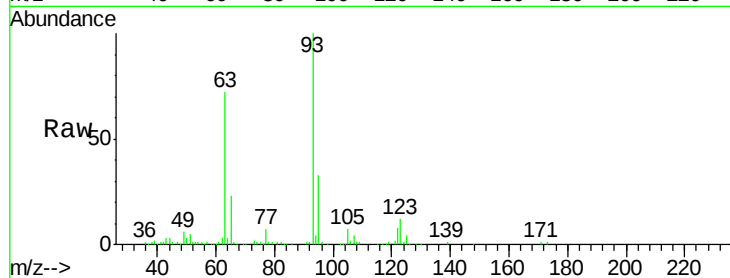
Tgt Ion:122 Resp: 46910

Ion Ratio Lower Upper

122 100

105 84.8 101.1 141.1#

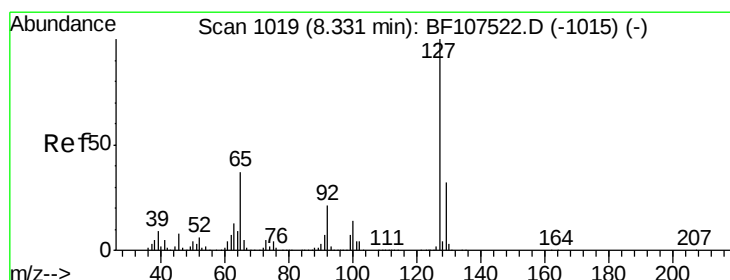
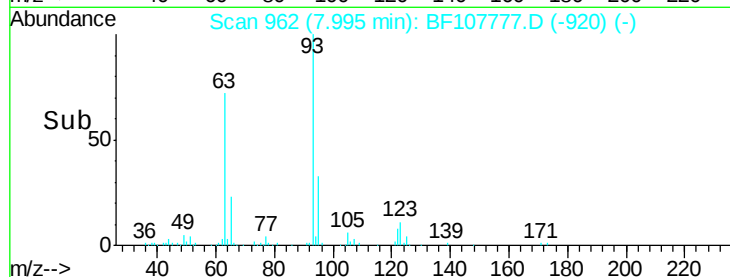
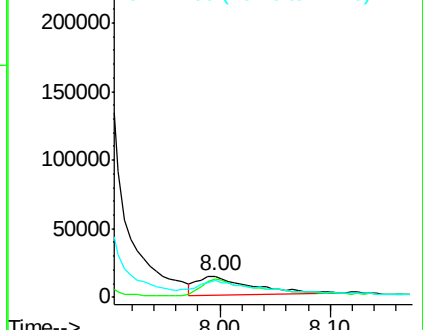
77 79.1 70.7 110.7



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: 15.328 ng

RT: 8.33 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:127 Resp: 171632

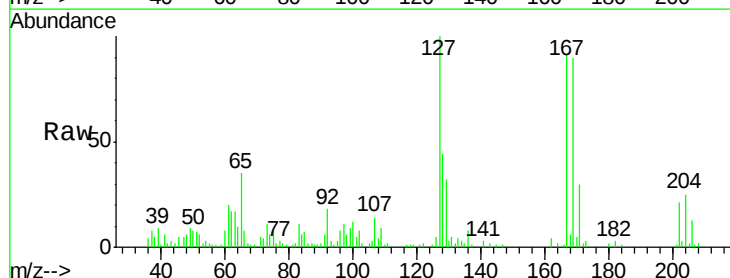
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 34.8 25.0 37.4

92 17.7 15.2 22.8

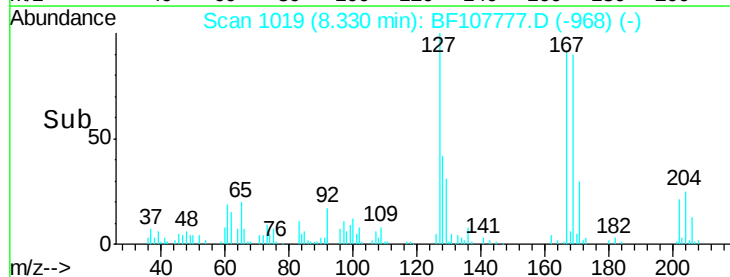
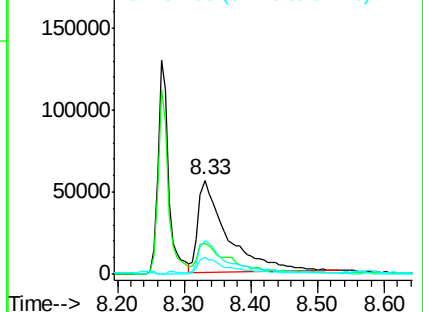


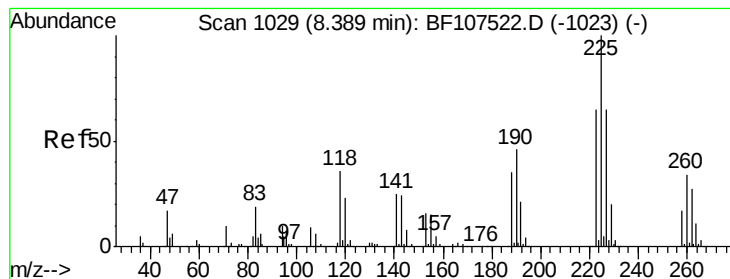
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 41.064 ng

RT: 8.37 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

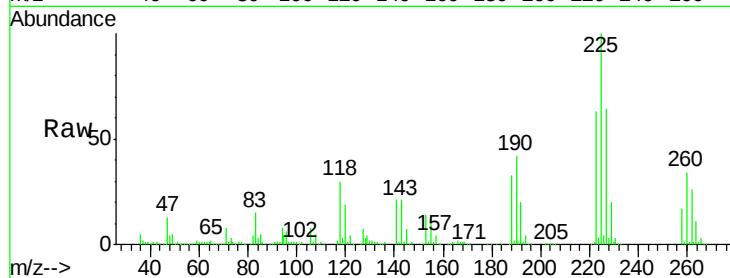
Tgt Ion:225 Resp: 221394

Ion Ratio Lower Upper

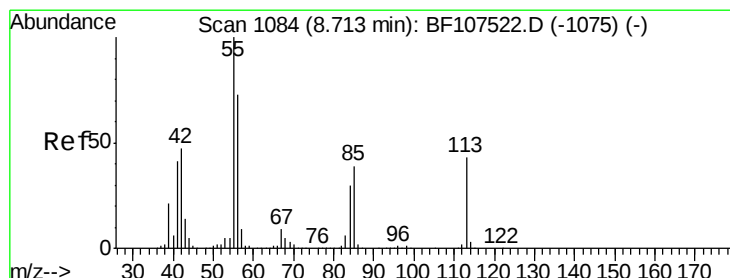
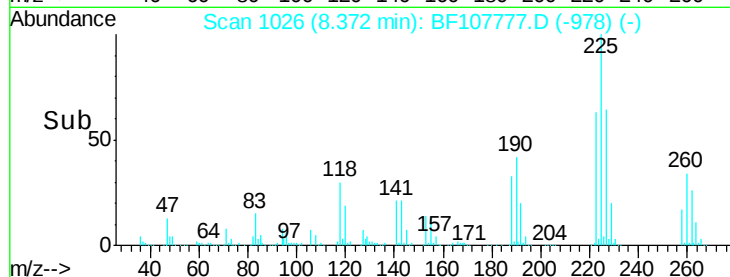
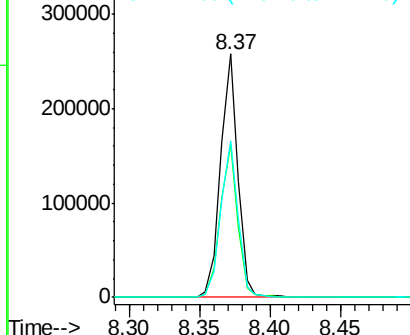
225 100

223 62.5 50.6 76.0

227 64.2 51.9 77.9



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



#35

Caprolactam

Concen: 5.537 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

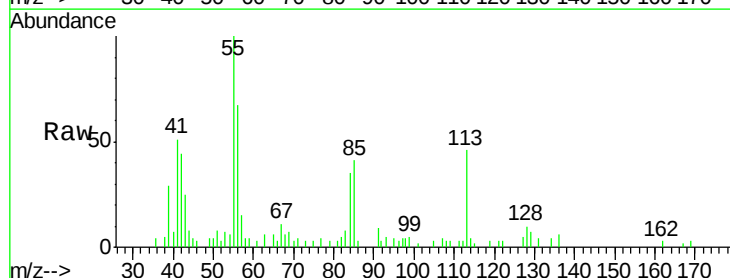
Tgt Ion:113 Resp: 14548

Ion Ratio Lower Upper

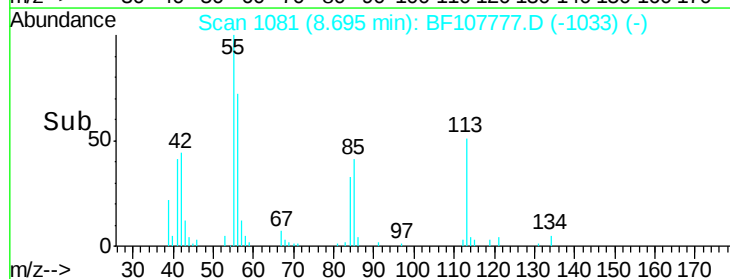
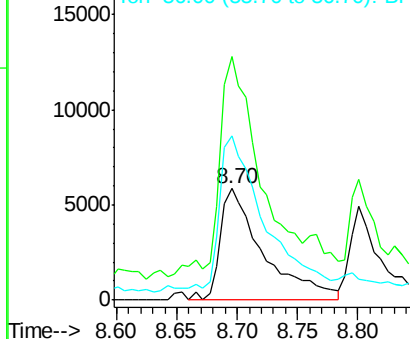
113 100

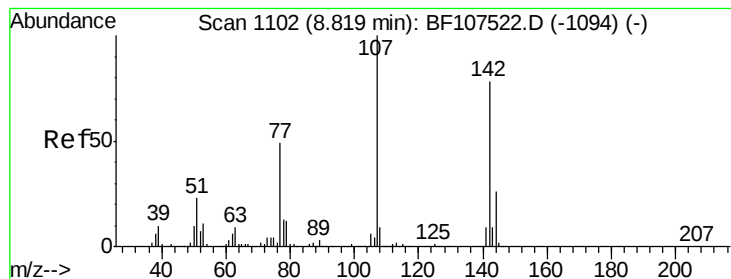
55 218.2 163.3 203.3#

56 147.2 115.7 155.7



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: 32.630 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

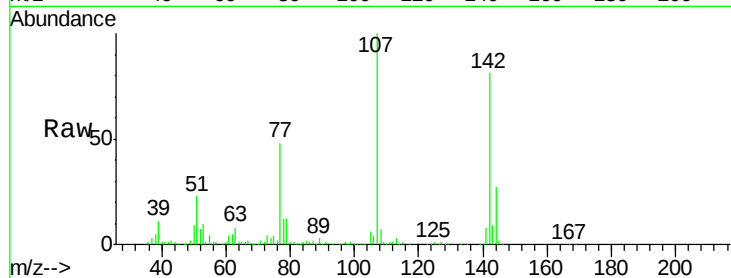
Tgt Ion:107 Resp: 292810

Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

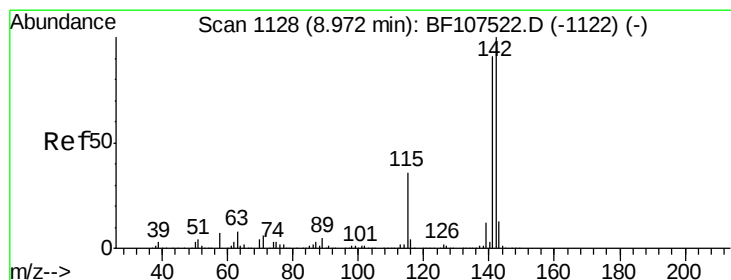
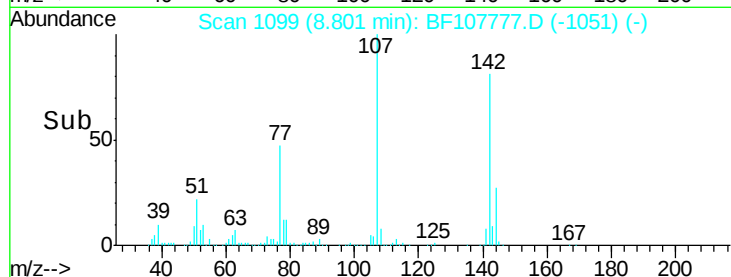
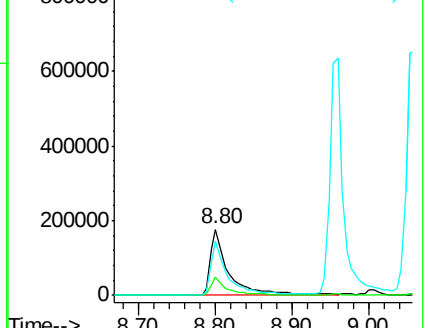
142 81.2 62.0 93.0



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: 44.505 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

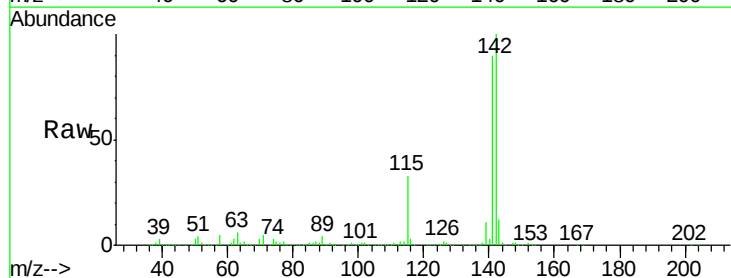
Tgt Ion:142 Resp: 790096

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

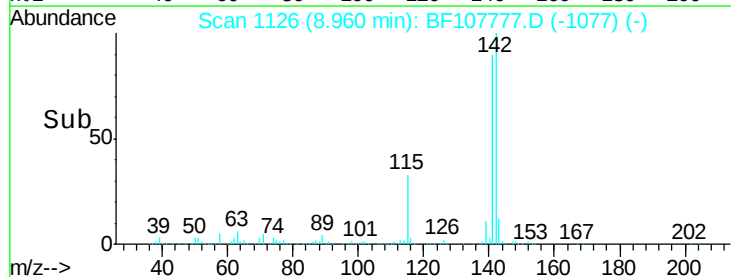
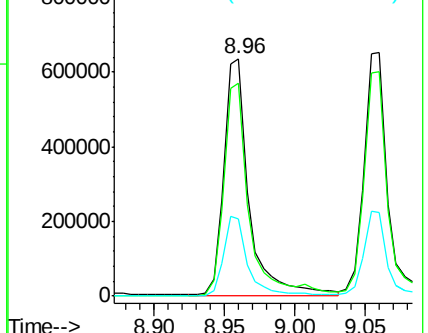
115 32.7 26.1 39.1

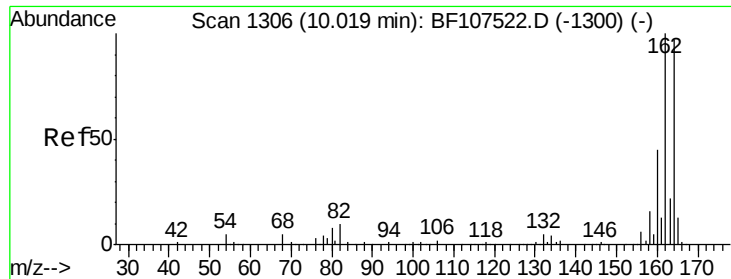


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

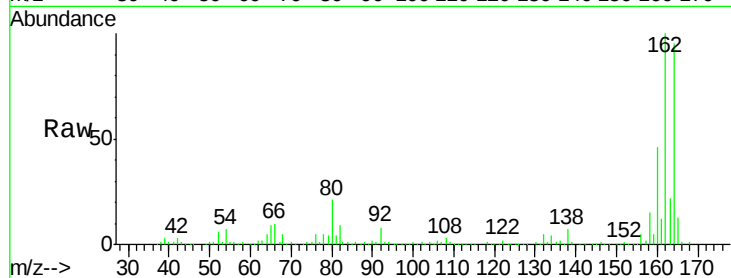
Tgt Ion:164 Resp: 229782

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

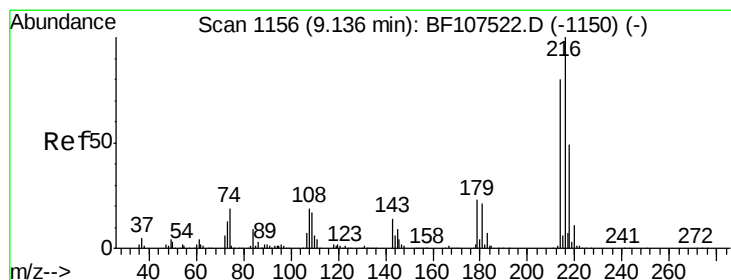
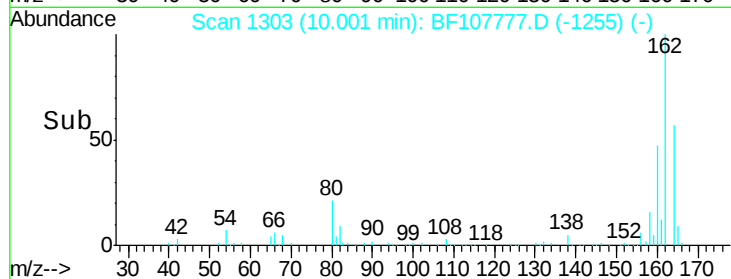
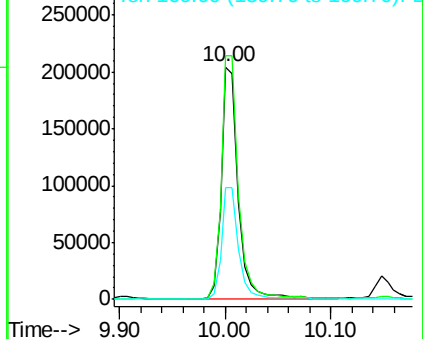
160 48.1 38.3 57.5



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: 49.036 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:216 Resp: 375822

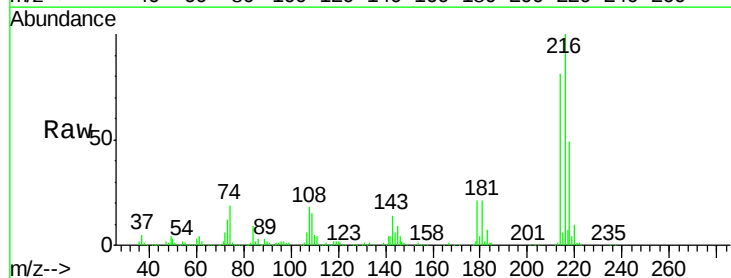
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.5 18.1 27.1

108 17.4 17.2 25.8

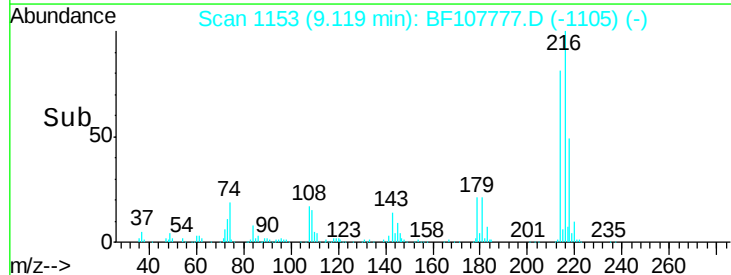
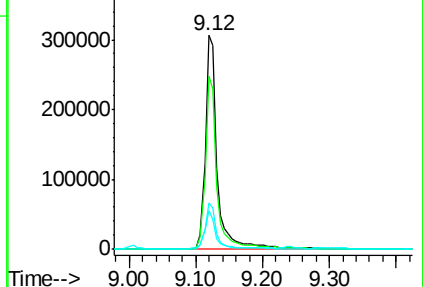


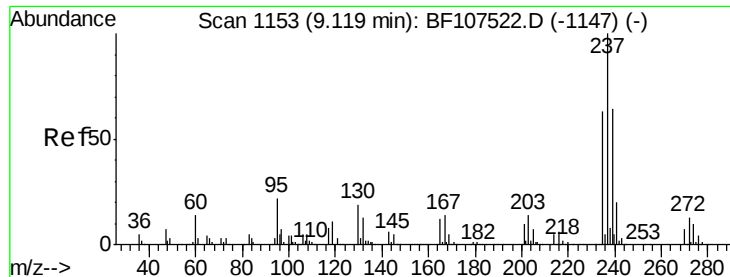
Abundance Ion 216.00 (215.70 to 216.70): E

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

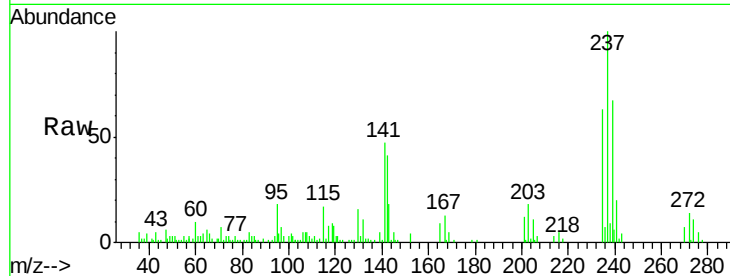




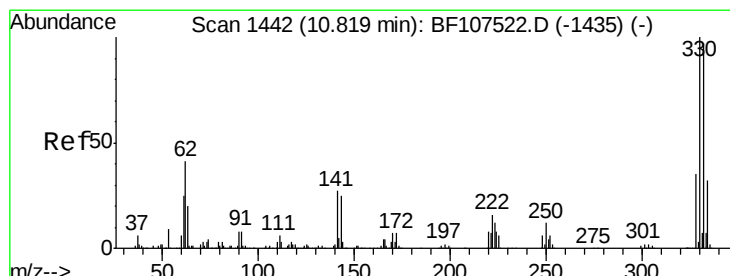
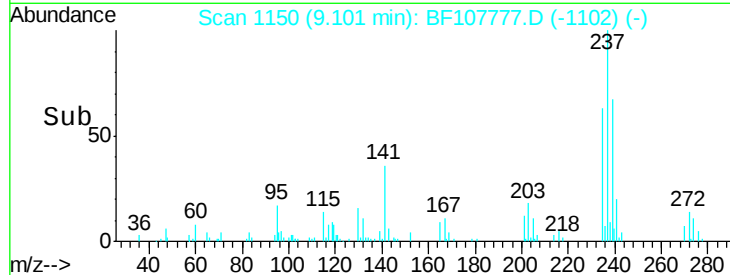
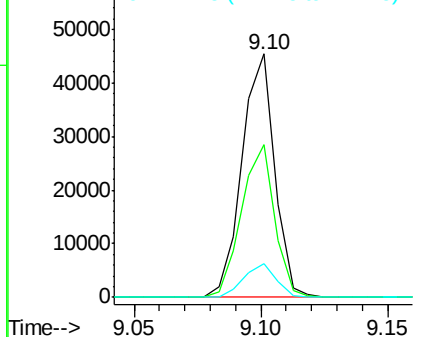
#40
Hexachlorocyclopentadiene
Concen: 10.446 ng
RT: 9.10 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion: 237 Resp: 40697
Ion Ratio Lower Upper
237 100
235 62.6 44.8 84.8
272 13.8 0.0 33.3

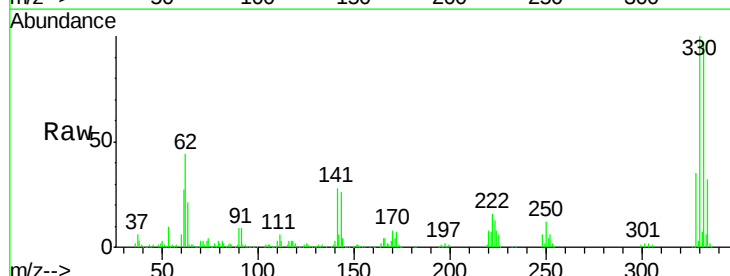


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

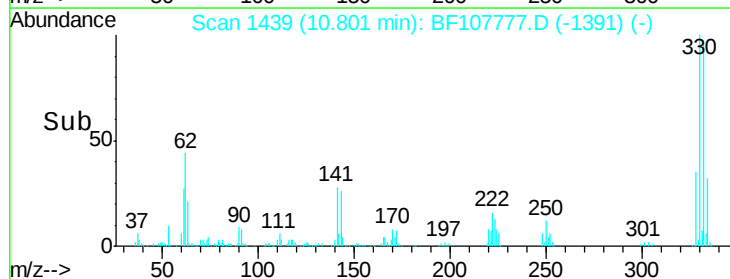
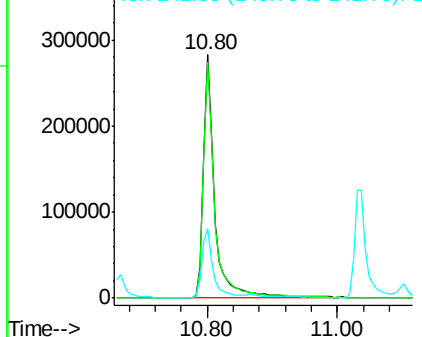


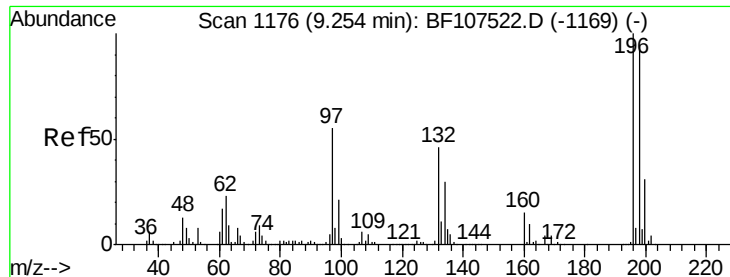
#41
2,4,6-Tribromophenol
Concen: 132.563 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 330 Resp: 346384
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 27.2 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

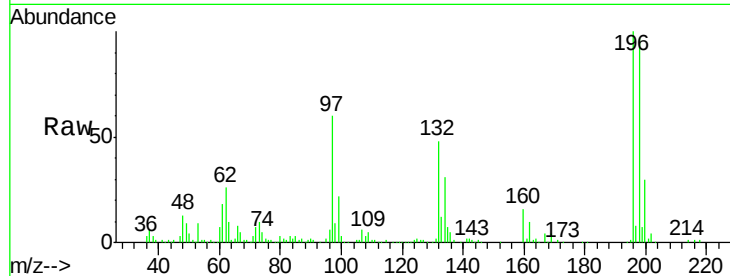




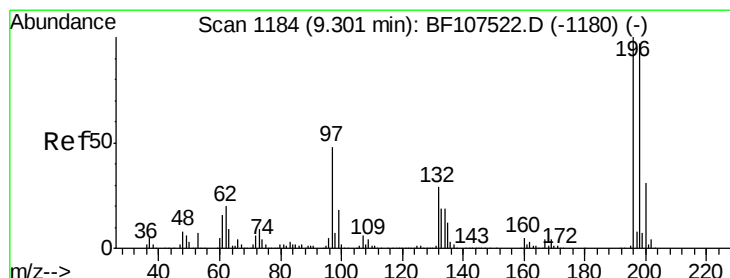
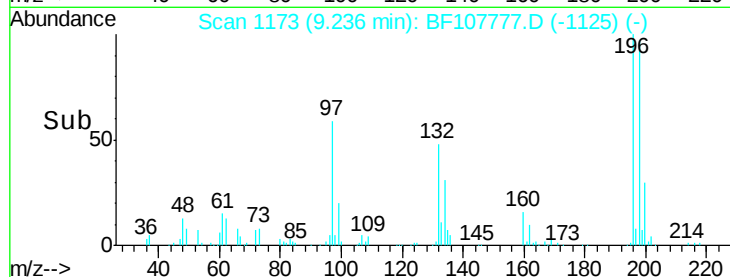
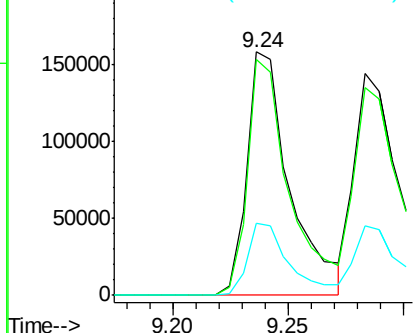
#42
2,4,6-Trichlorophenol
Concen: 41.939 ng
RT: 9.24 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion:196 Resp: 205741
Ion Ratio Lower Upper
196 100
198 97.0 75.7 113.5
200 29.7 24.5 36.7

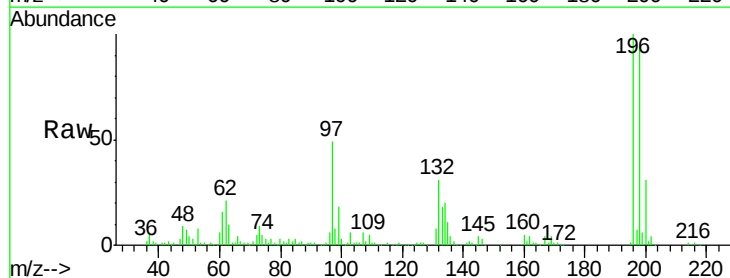


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

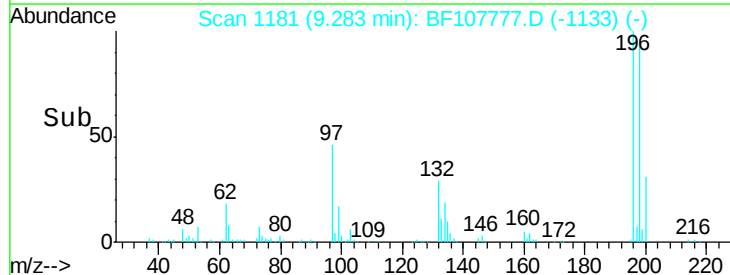
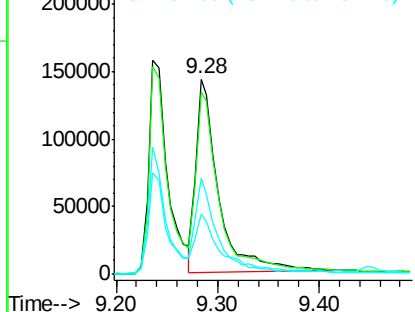


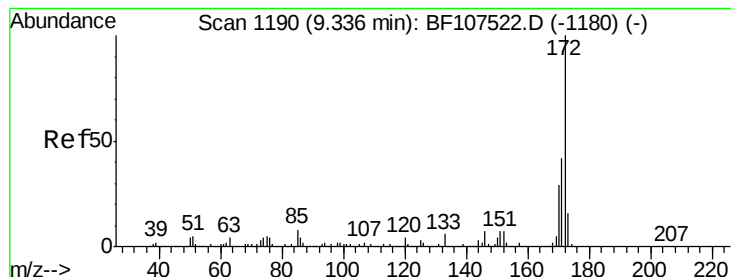
#43
2,4,5-Trichlorophenol
Concen: 43.593 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion:196 Resp: 223511
Ion Ratio Lower Upper
196 100
198 93.7 74.6 112.0
97 49.0 42.9 64.3
132 31.1 26.3 39.5



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

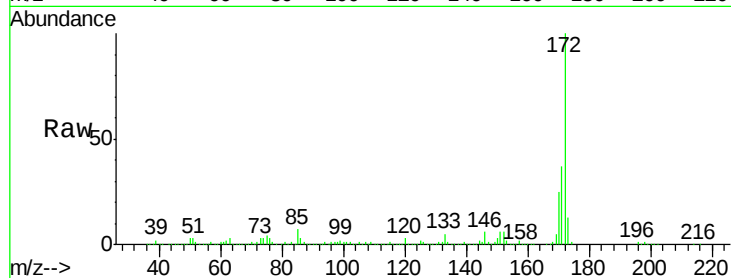




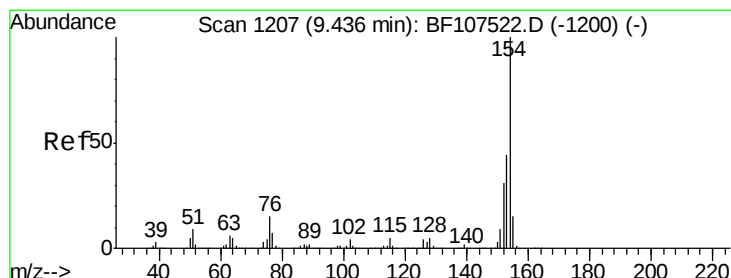
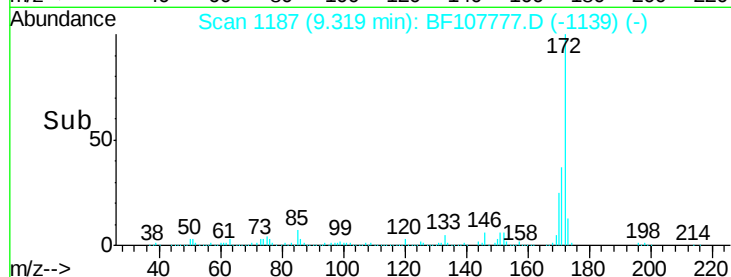
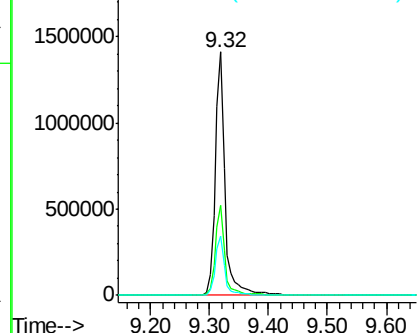
#44
 2-Fluorobiphenyl
 Concen: 152.921 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tgt Ion:172 Resp: 1649544
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.6 19.6 29.4

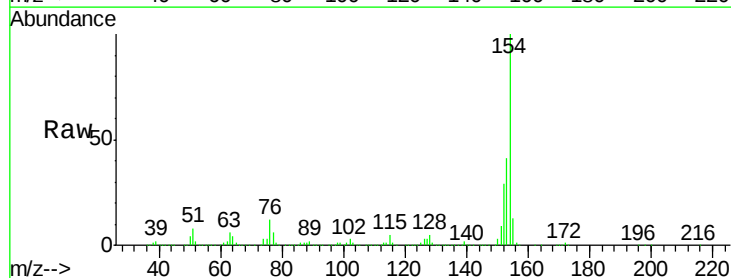


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

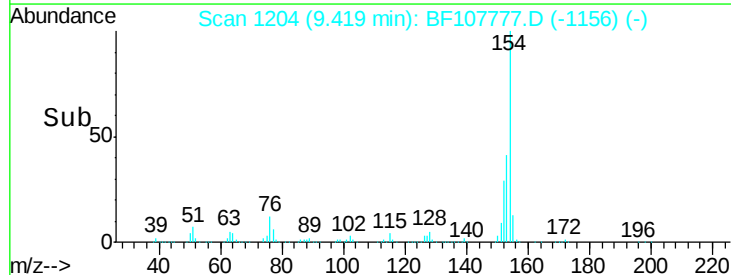
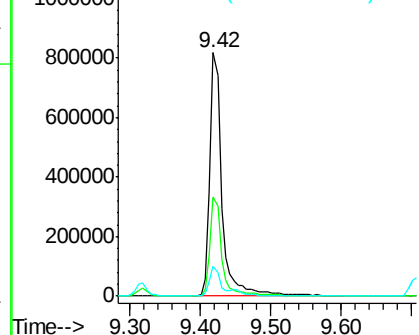


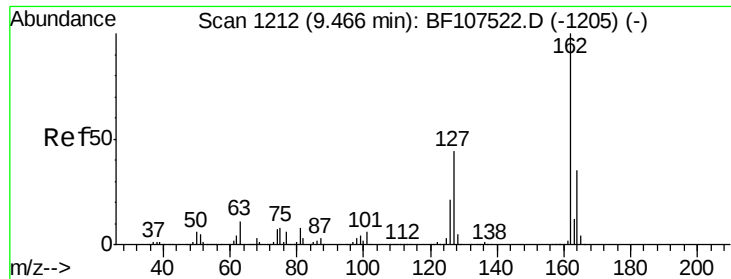
#45
 1,1'-Biphenyl
 Concen: 49.342 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:154 Resp: 987674
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 12.4 0.0 34.0



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

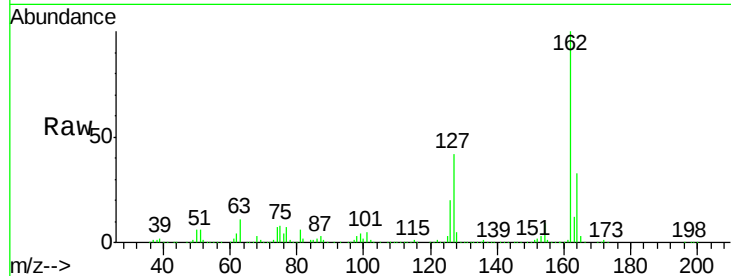




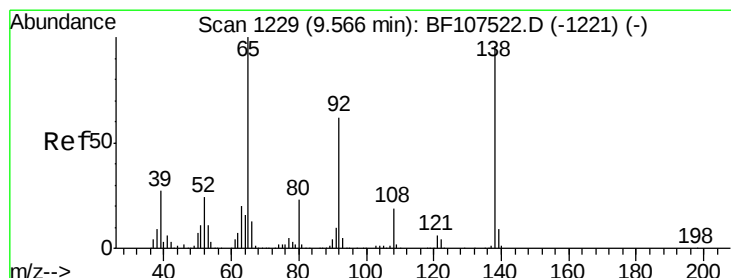
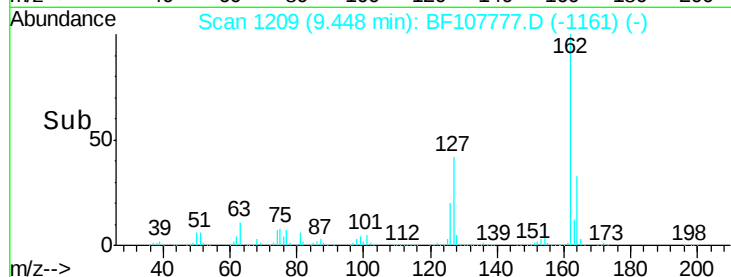
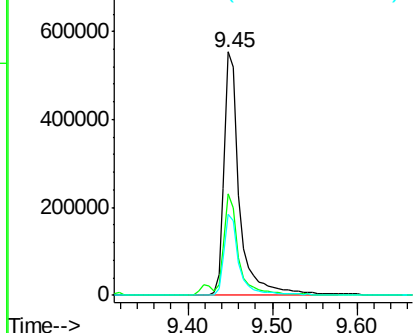
#46
 2-Chloronaphthalene
 Concen: 46.269 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tgt Ion:	162	Resp:	707924
Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	33.3	26.5	39.7

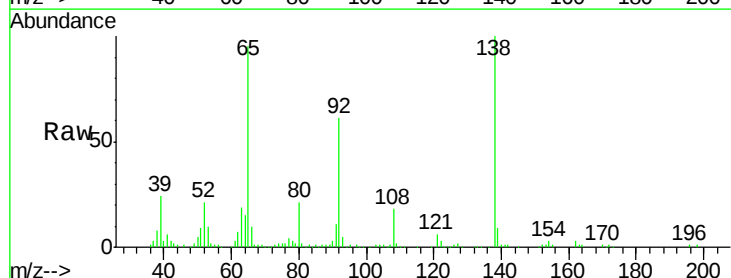


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

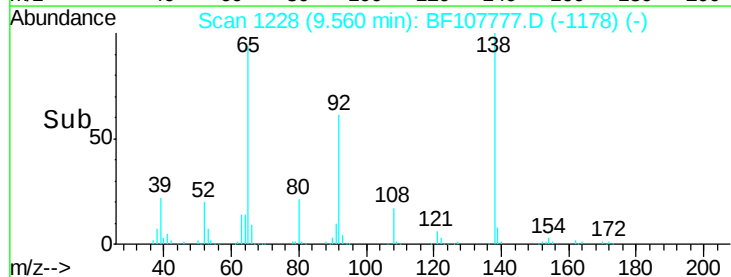
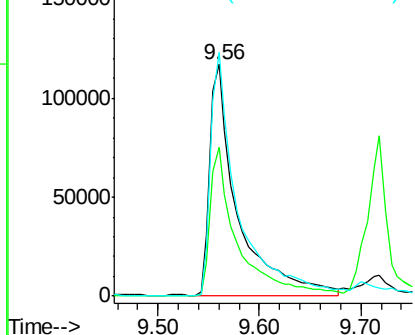


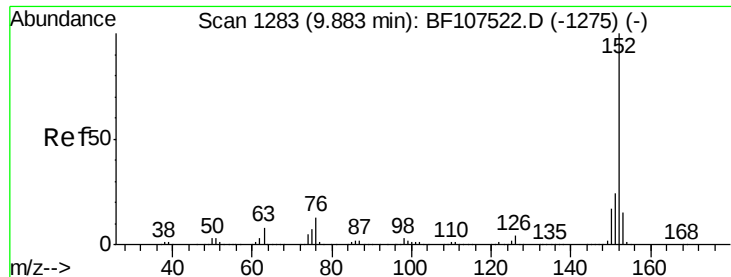
#47
 2-Nitroaniline
 Concen: 49.715 ng
 RT: 9.56 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:	65	Resp:	221753
Ion	Ratio	Lower	Upper
65	100		
92	64.4	55.8	83.6
138	105.1	91.2	136.8



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





#48

Acenaphthylene

Concen: 48.626 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampled :

MW-33MS

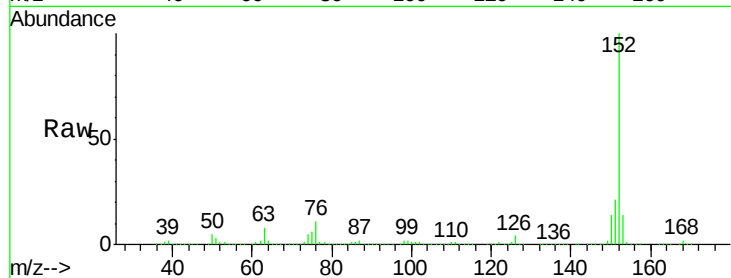
Tgt Ion:152 Resp: 1117615

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

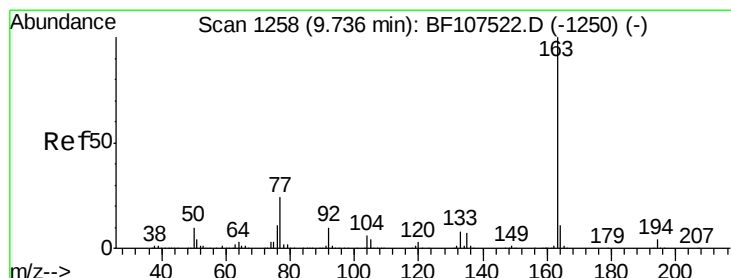
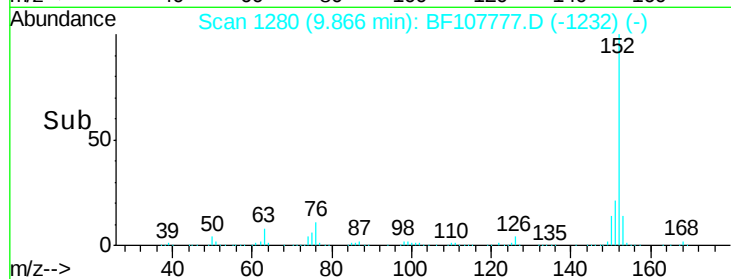
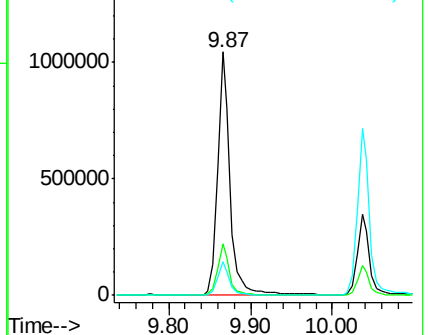
153 13.6 10.7 16.1



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: 51.548 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

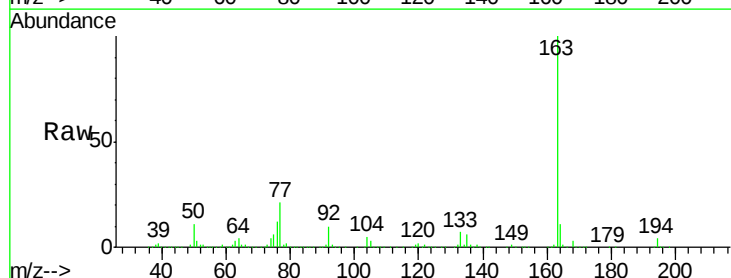
Tgt Ion:163 Resp: 892702

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

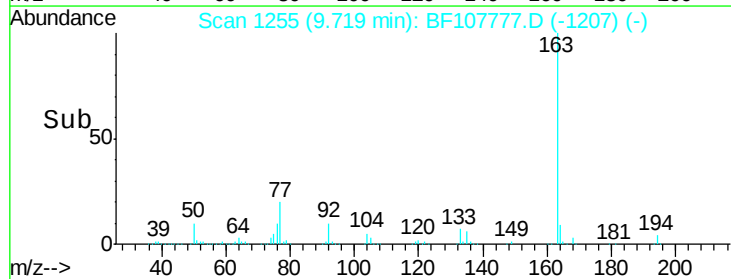
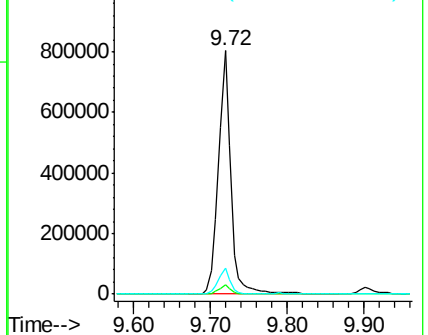
164 10.8 8.2 12.2

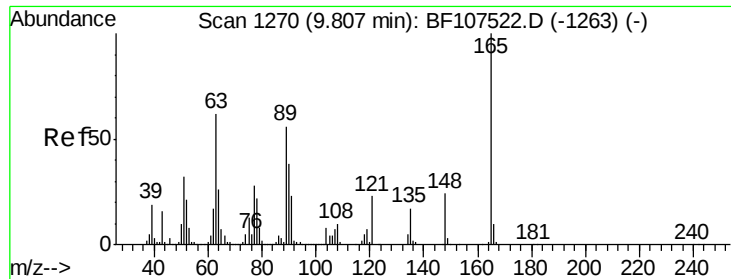


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

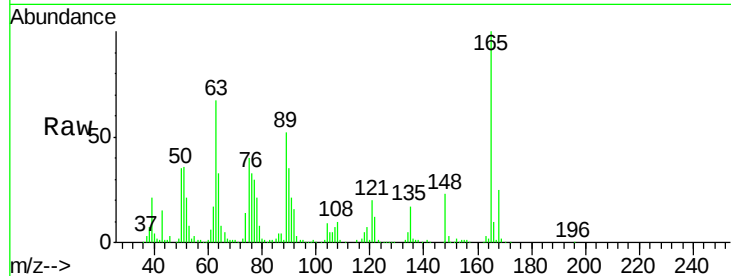




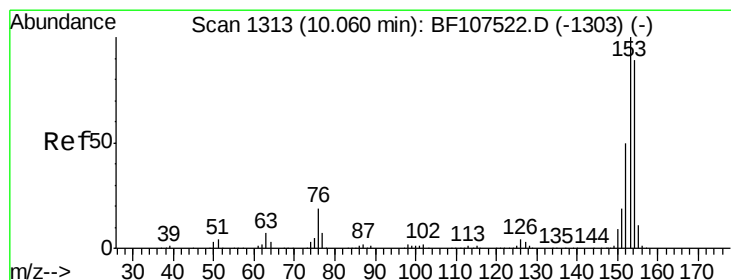
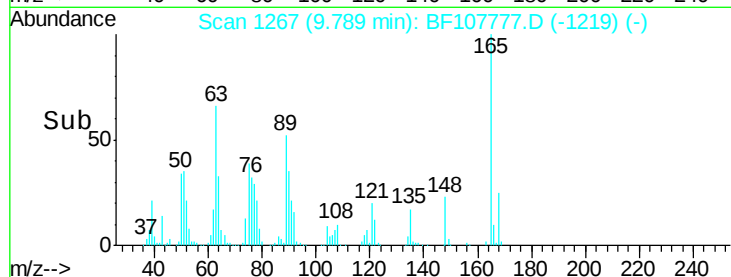
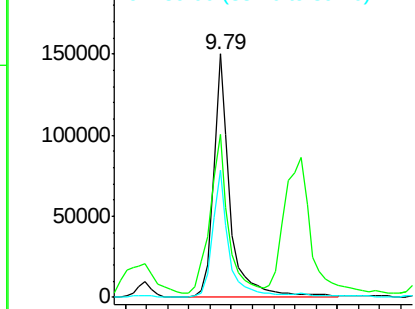
#50
2,6-Dinitrotoluene
Concen: 47.523 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion:165 Resp: 163398
Ion Ratio Lower Upper
165 100
63 66.8 44.7 67.1
89 52.5 44.0 66.0

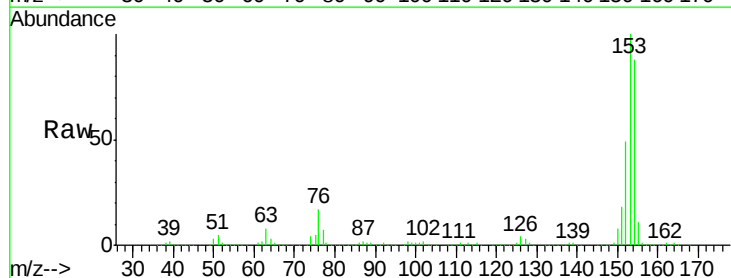


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

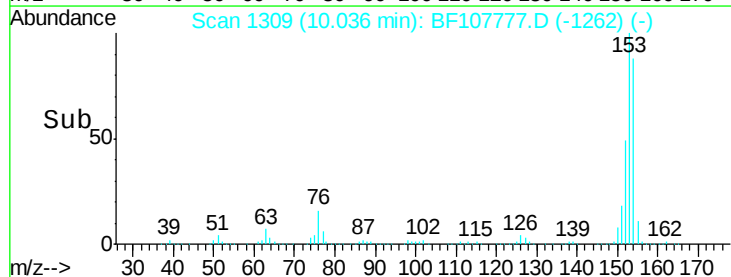
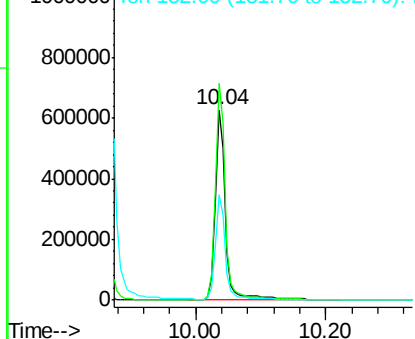


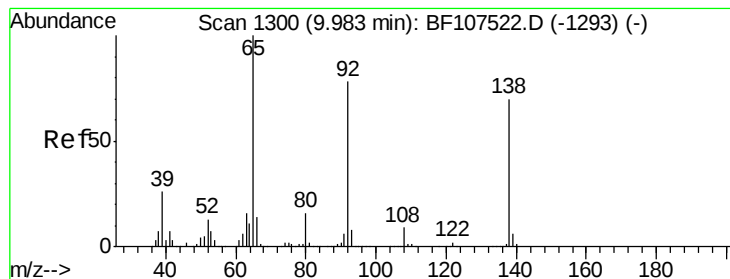
#51
Acenaphthene
Concen: 47.428 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion:154 Resp: 682998
Ion Ratio Lower Upper
154 100
153 114.1 91.2 136.8
152 55.5 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: 19.569 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

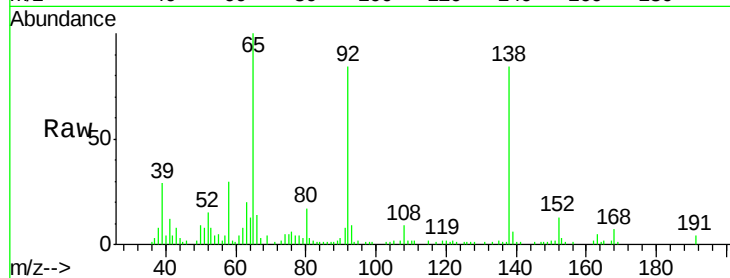
Tgt Ion:138 Resp: 81854

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

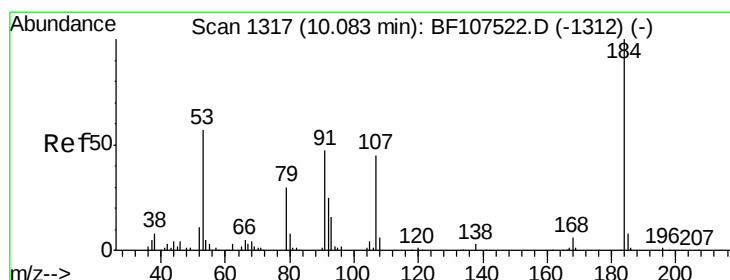
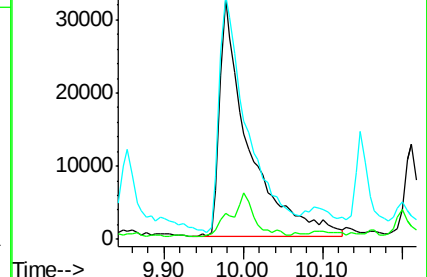
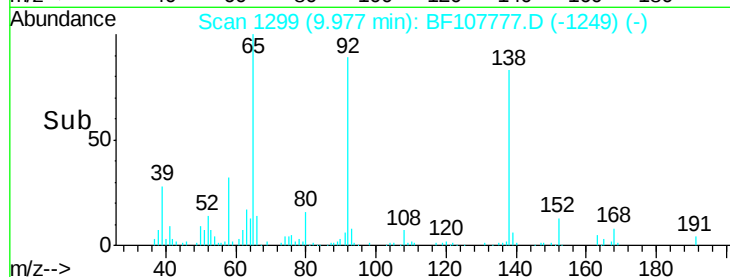
92 101.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 31.725 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

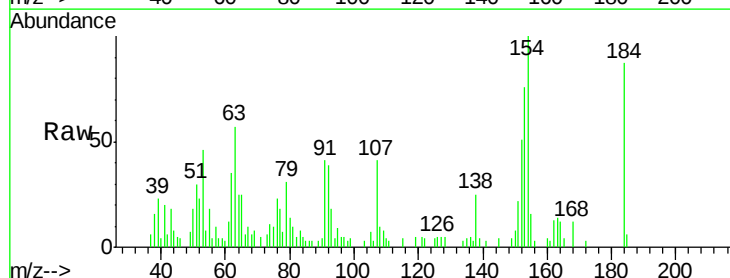
Tgt Ion:184 Resp: 32264

Ion Ratio Lower Upper

184 100

63 65.9 54.2 81.2

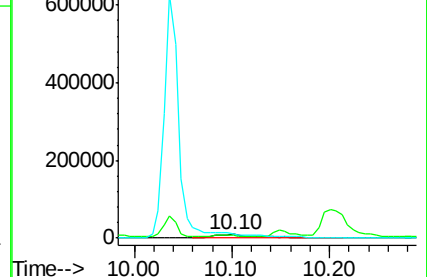
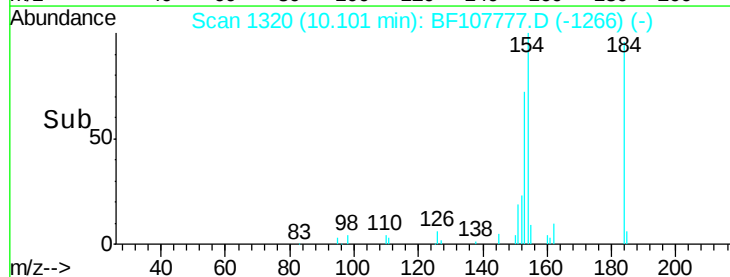
154 114.7 184.0 276.0#

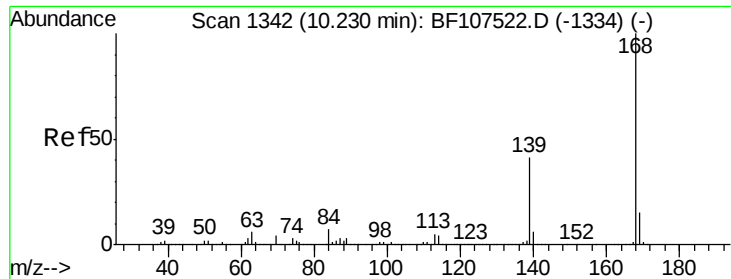


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 44.266 ng

RT: 10.21 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

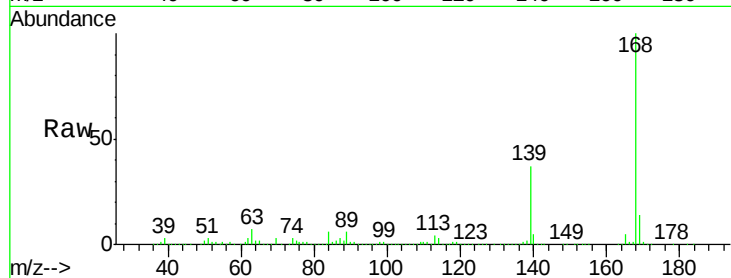
Tgt Ion:168 Resp: 938465

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

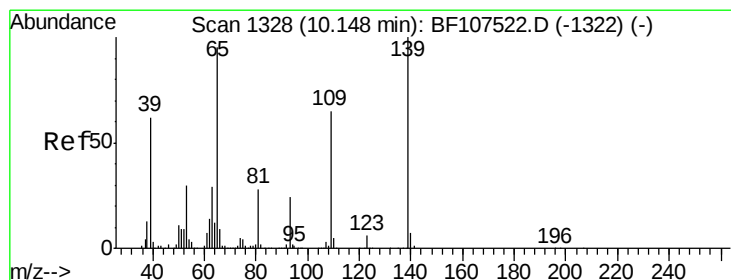
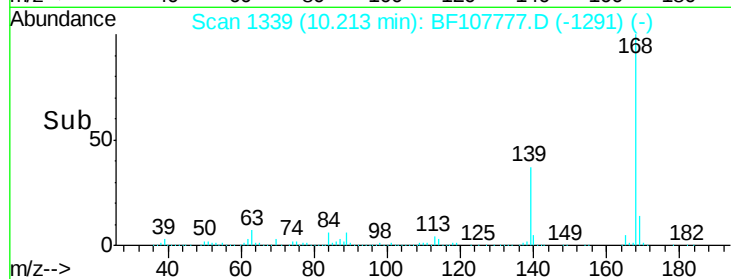
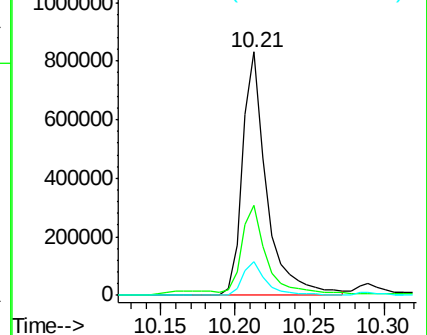
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 11.462 ng

RT: 10.17 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

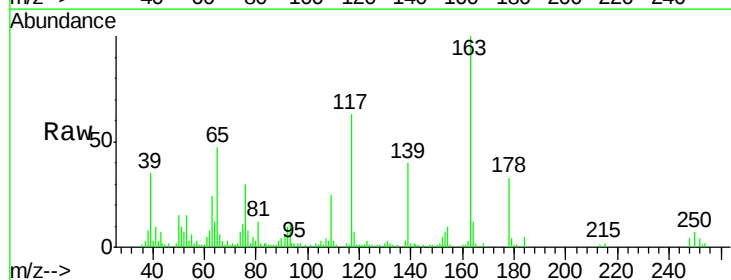
Tgt Ion:139 Resp: 35897

Ion Ratio Lower Upper

139 100

109 64.2 48.4 88.4

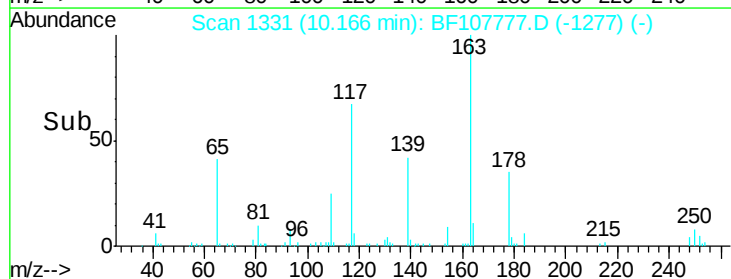
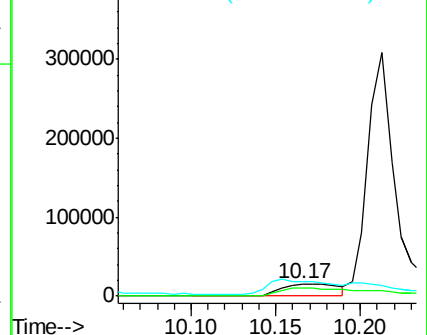
65 118.4 72.6 112.6#

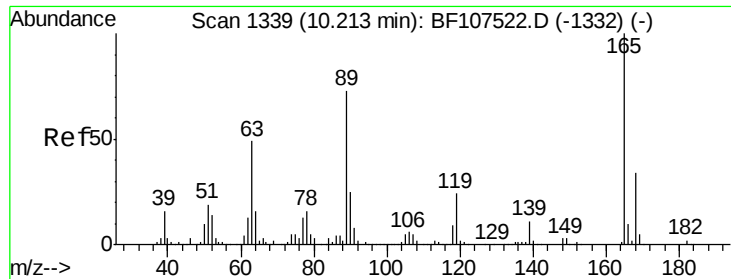


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

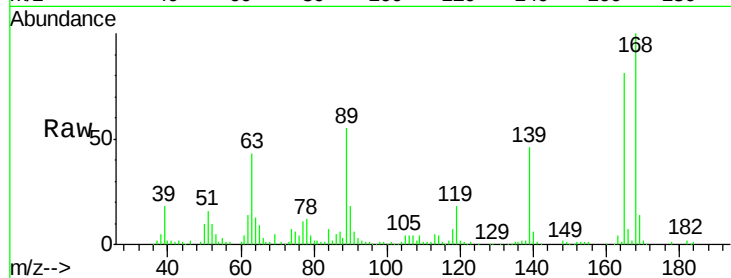




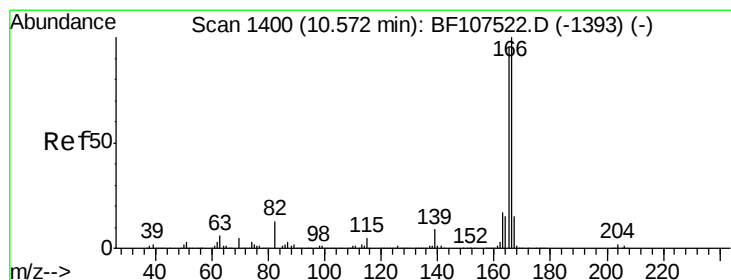
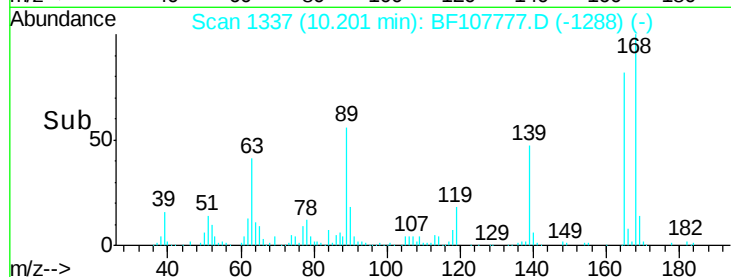
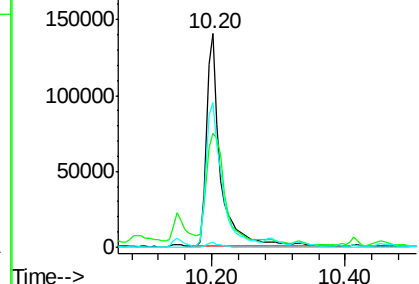
#56
2,4-Dinitrotoluene
Concen: 48.082 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	36.4	54.6
89	67.6	57.8	86.6
182	2.4	1.6	2.4#

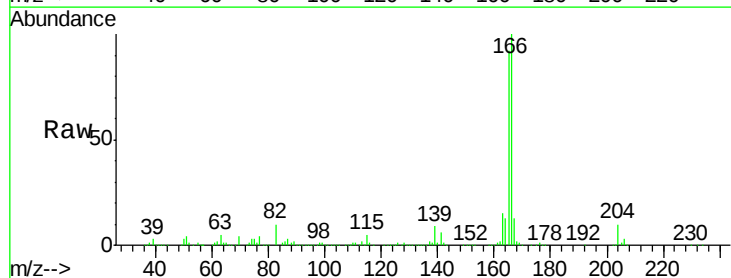


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

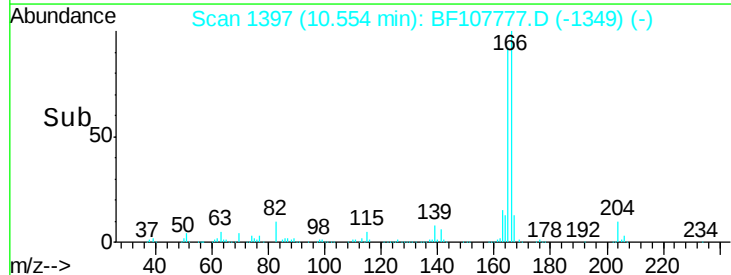
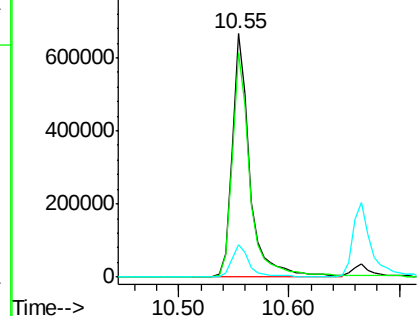


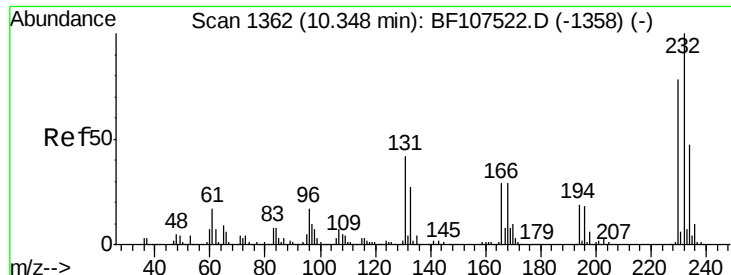
#57
Fluorene
Concen: 49.133 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.4	79.8	119.8
167	13.2	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

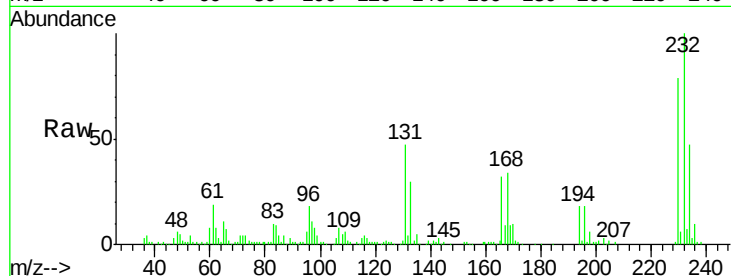




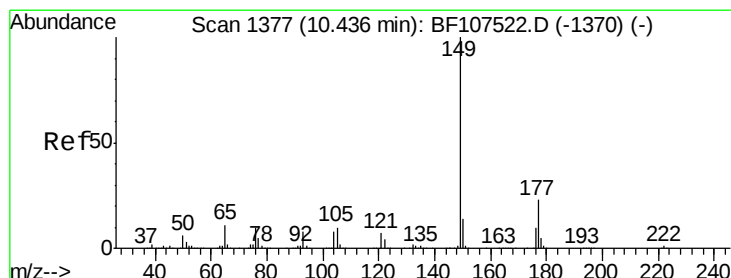
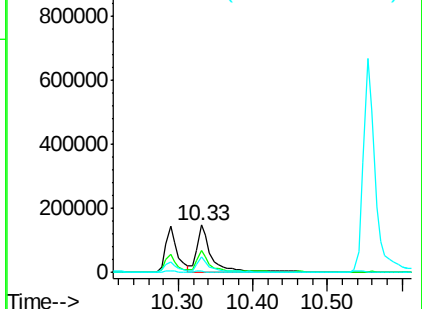
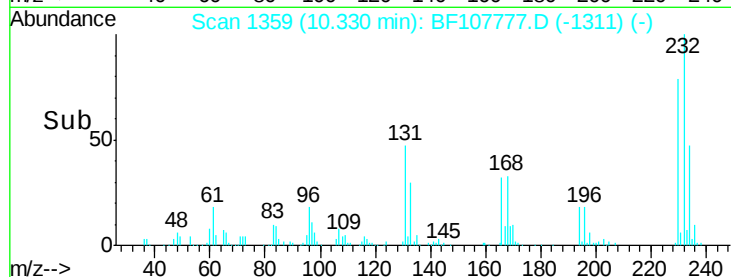
#58
2,3,4,6-Tetrachlorophenol
Concen: 46.601 ng
RT: 10.33 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion: 232 Resp: 198853
Ion Ratio Lower Upper
232 100
131 42.5 43.8 65.8#
130 2.1 2.1 3.1#
166 26.0 27.8 41.6#

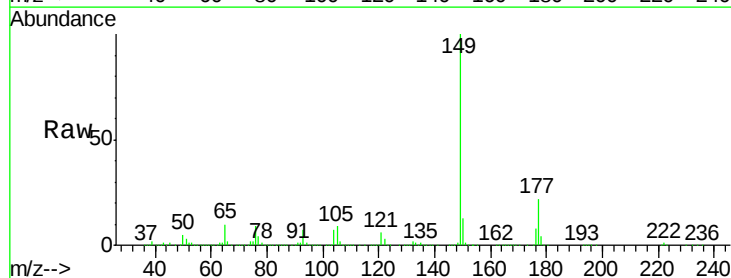


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

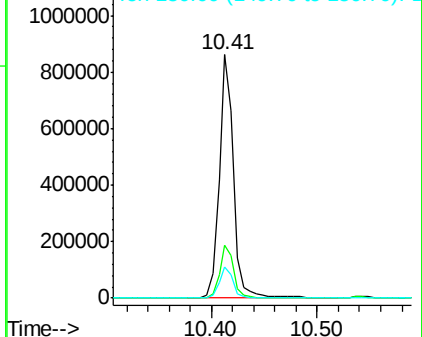
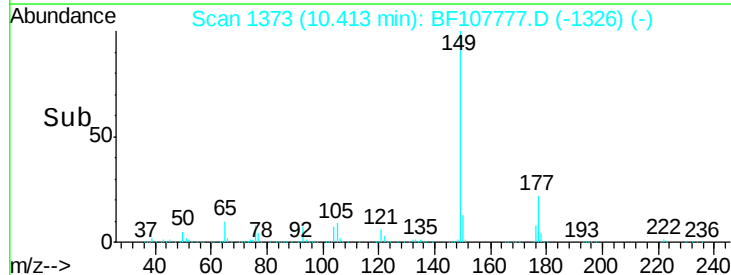


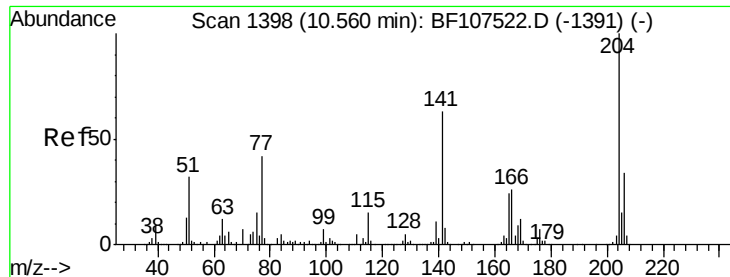
#59
Diethylphthalate
Concen: 45.347 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 149 Resp: 820175
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

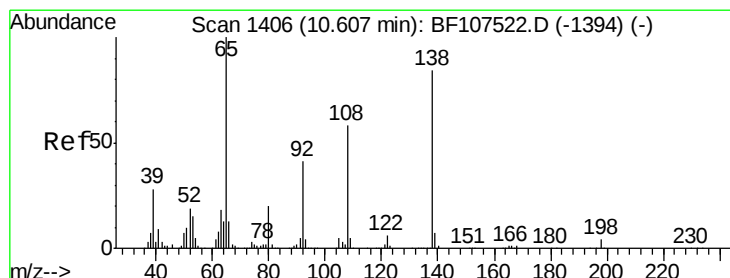
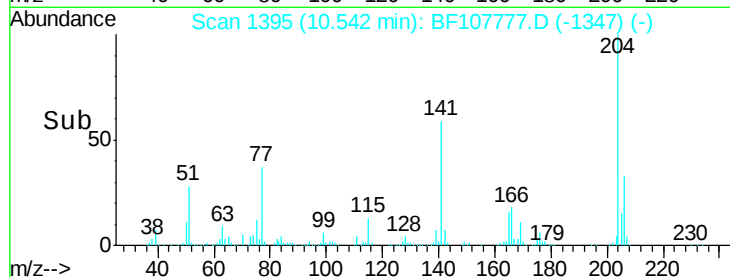
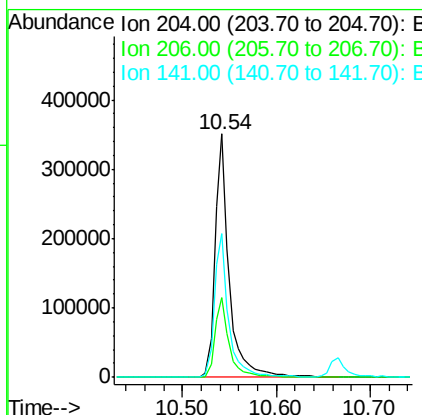
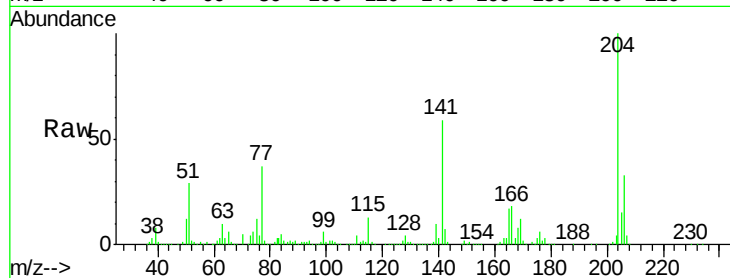




#60
4-Chlorophenyl-phenylether
Concen: 43.665 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

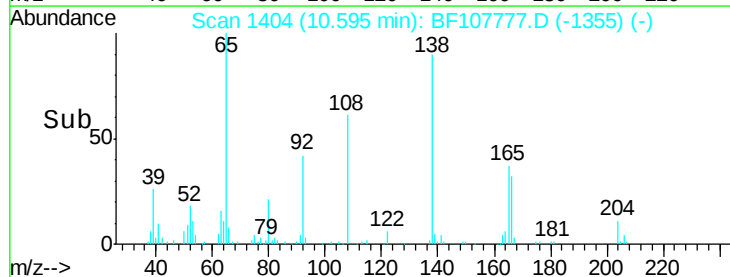
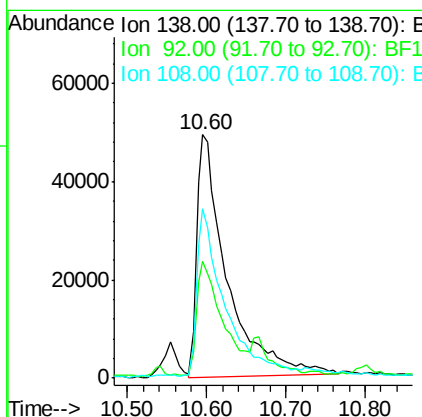
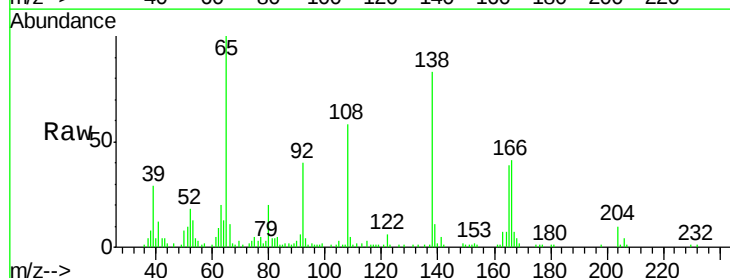
Instrument :
BNA_F
ClientSampleId :
MW-33MS

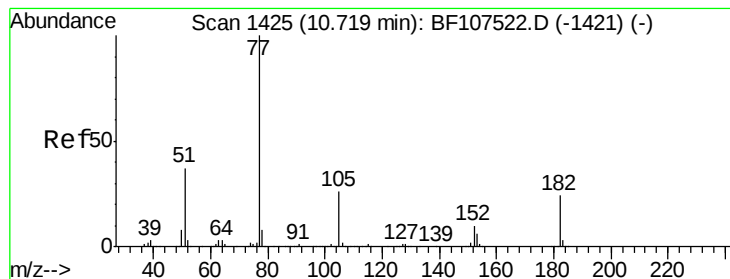
Tgt Ion: 204 Resp: 373362
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 58.8 54.6 81.8



#61
4-Nitroaniline
Concen: 37.137 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 138 Resp: 130512
Ion Ratio Lower Upper
138 100
92 48.1 30.2 70.2
108 69.7 52.5 92.5





#62

Azobenzene

Concen: 41.121 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

Tgt Ion: 77 Resp: 697390

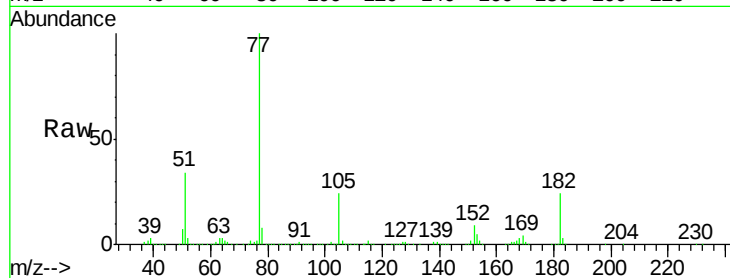
Ion Ratio Lower Upper

77 100

182 24.0 1.7 41.7

105 24.2 3.0 43.0

51 34.4 9.9 49.9

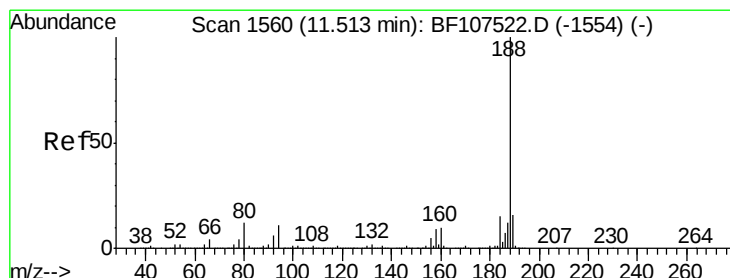
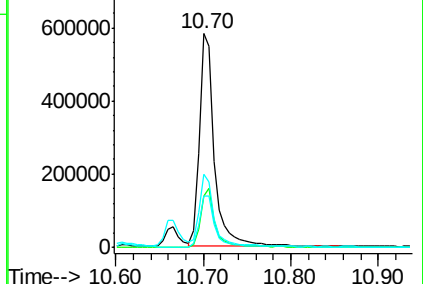
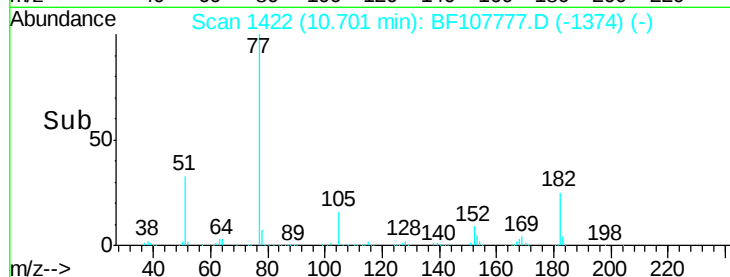


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

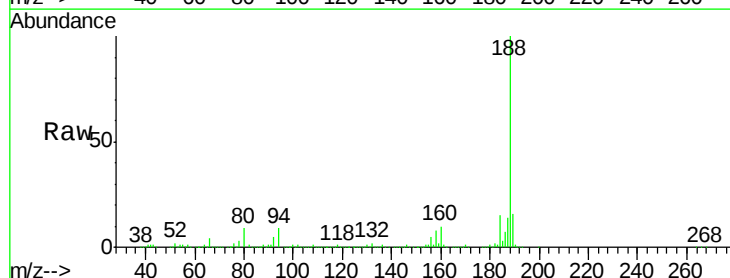
Tgt Ion: 188 Resp: 405893

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

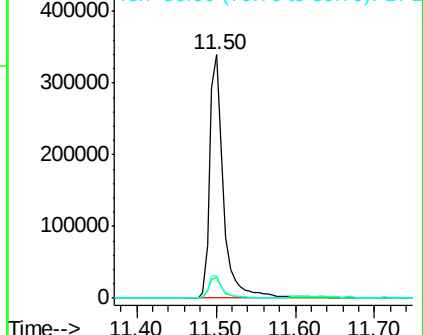
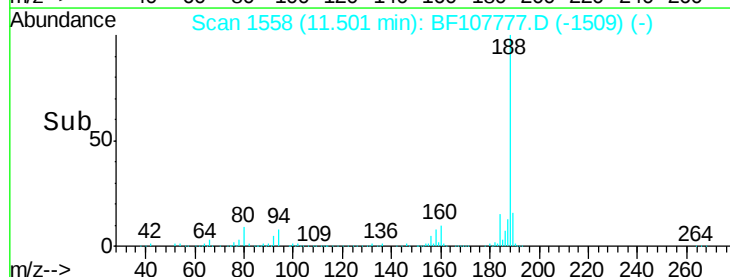
80 9.2 9.2 13.8

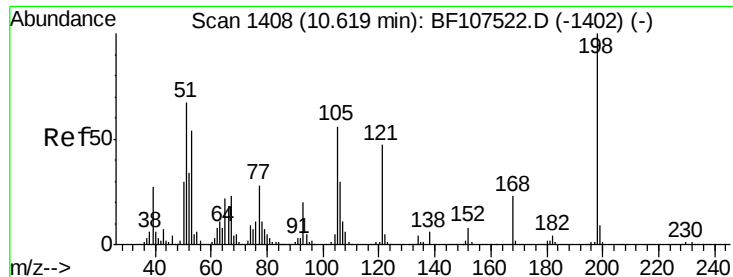


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 21.681 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

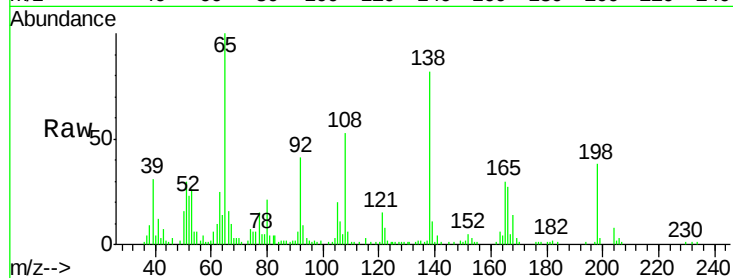
Tgt Ion:198 Resp: 31097

Ion Ratio Lower Upper

198 100

51 77.6 37.7 77.7

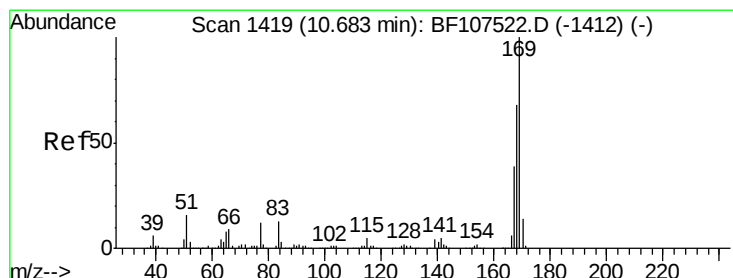
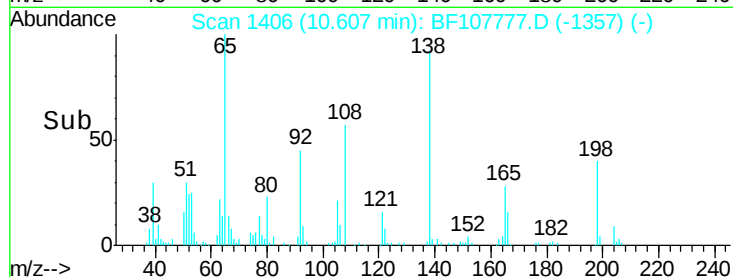
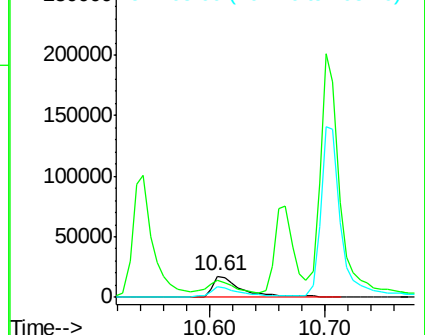
105 51.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 46.405 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

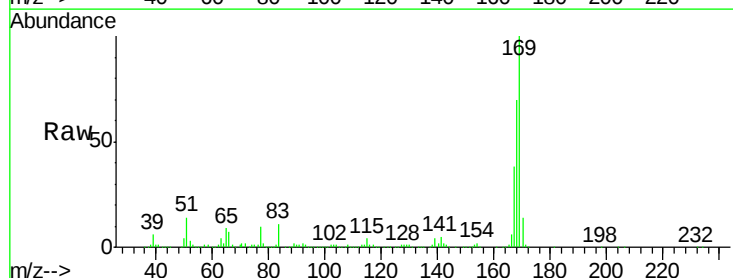
Tgt Ion:169 Resp: 639698

Ion Ratio Lower Upper

169 100

168 69.9 54.4 81.6

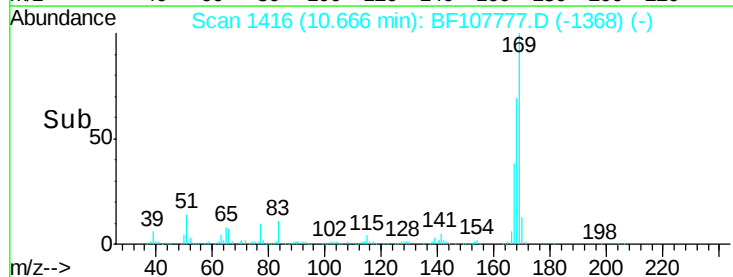
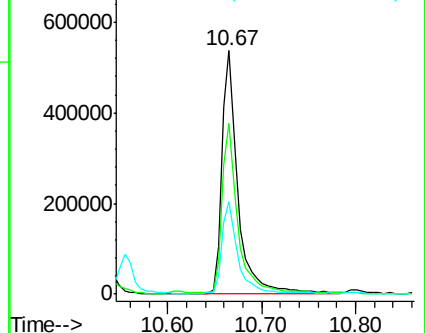
167 38.2 29.8 44.6

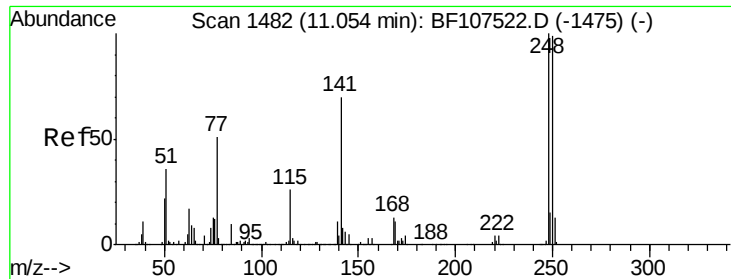


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

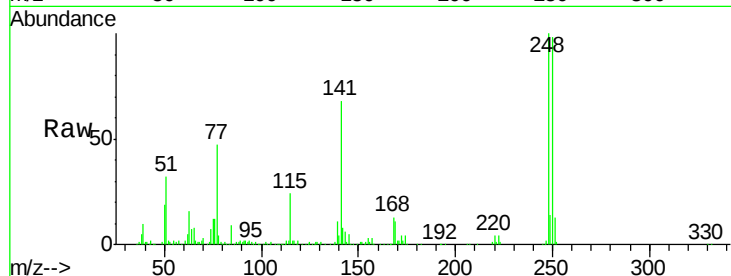




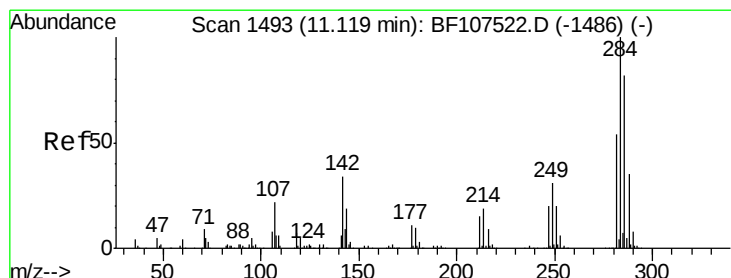
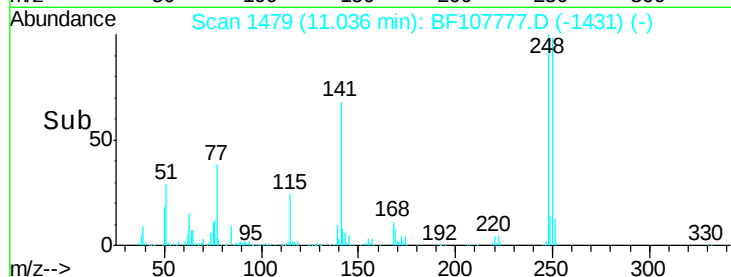
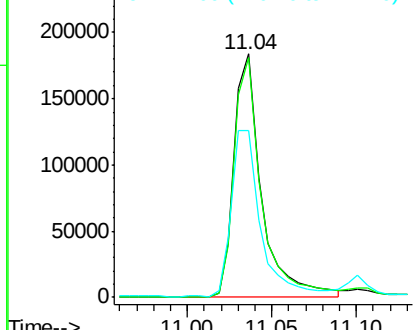
#66
4-Bromophenyl-phenylether
Concen: 43.908 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	68.3	74.4	111.6#

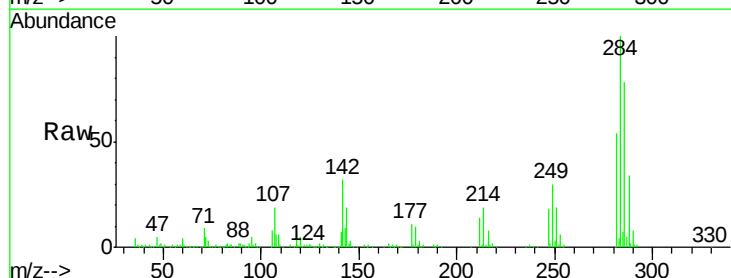


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

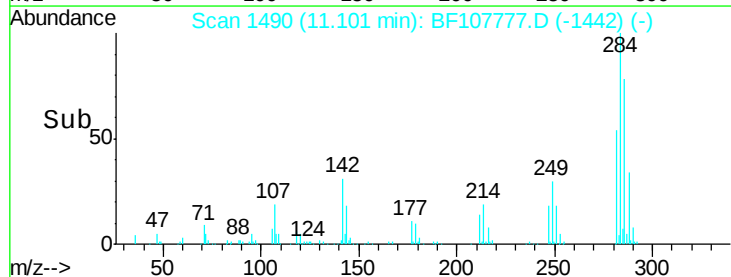
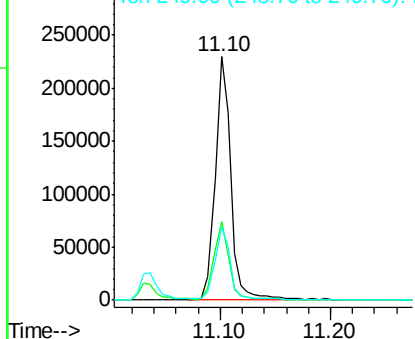


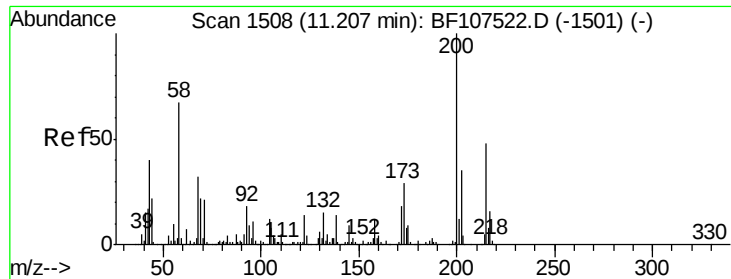
#67
Hexachlorobenzene
Concen: 42.877 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	34.6	52.0#
249	30.2	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

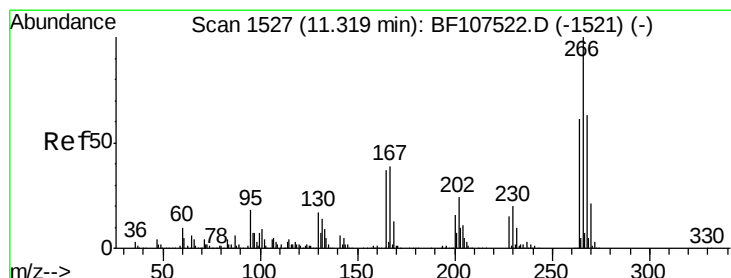
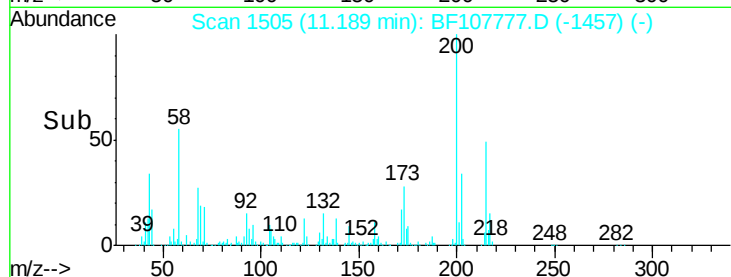
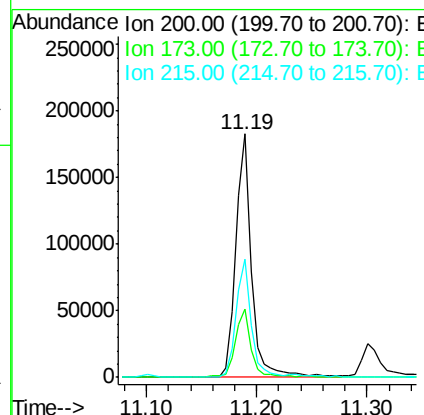
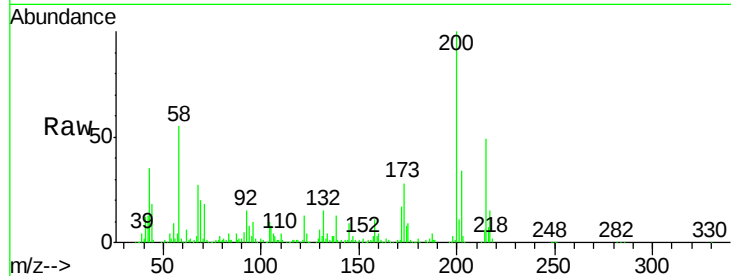




#68
Atrazine
Concen: 43.764 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

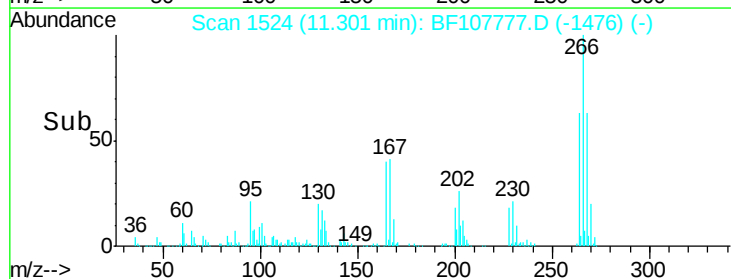
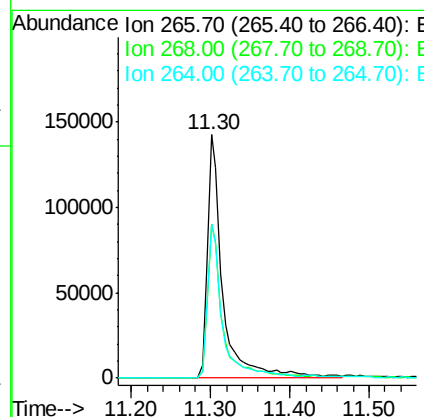
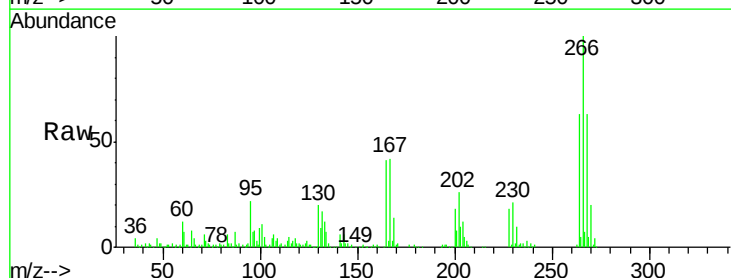
Instrument :
BNA_F
ClientSampleId :
MW-33MS

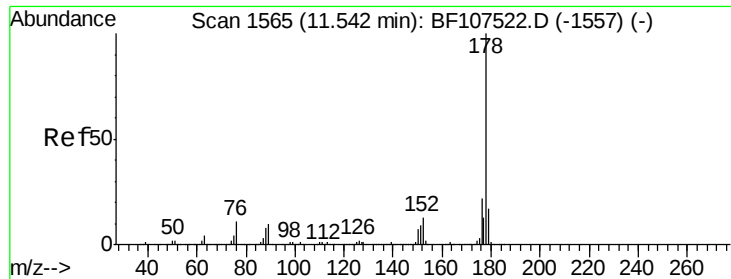
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	48.8	25.1	65.1



#69
Pentachlorophenol
Concen: 59.327 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.0	49.5	74.3





#70

Phenanthrene

Concen: 46.605 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampled :

MW-33MS

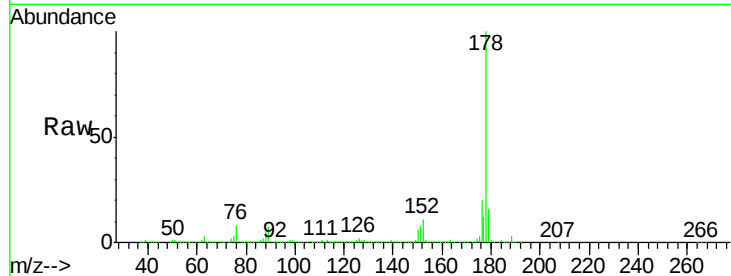
Tgt Ion:178 Resp: 921818

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

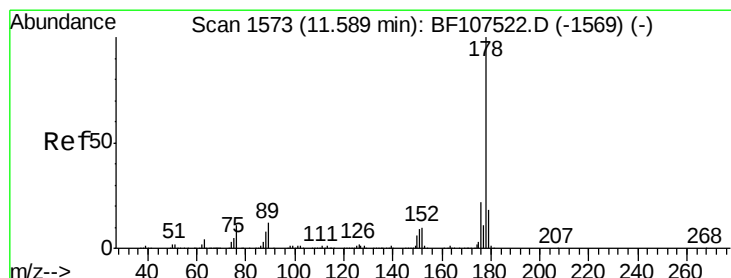
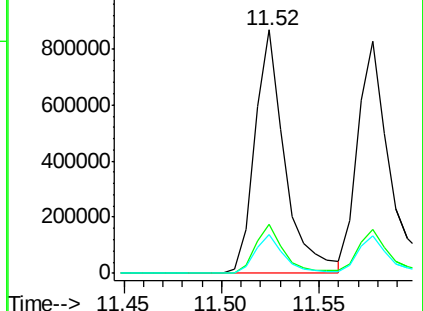
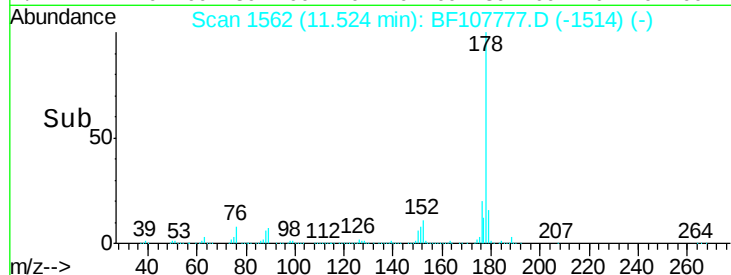
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 51.642 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

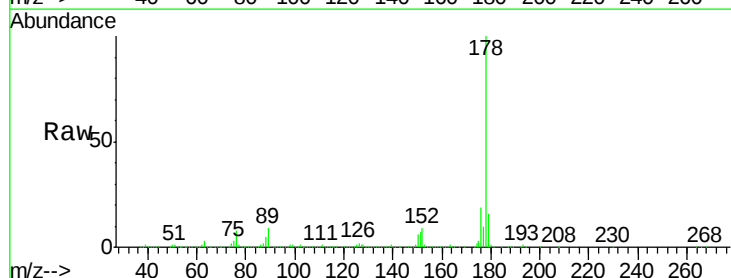
Tgt Ion:178 Resp: 1028439

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

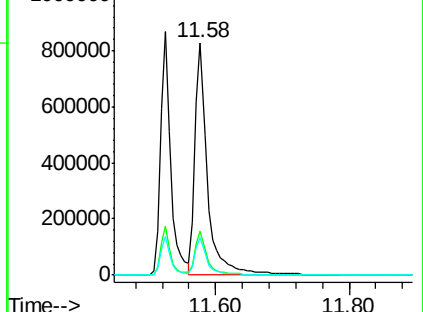
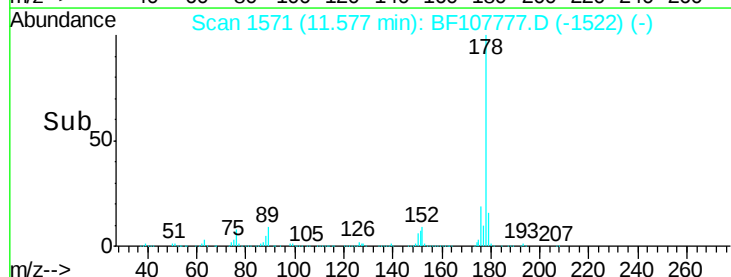
179 16.0 12.6 19.0

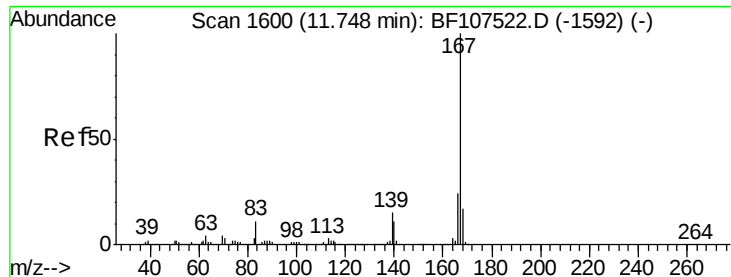


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.505 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

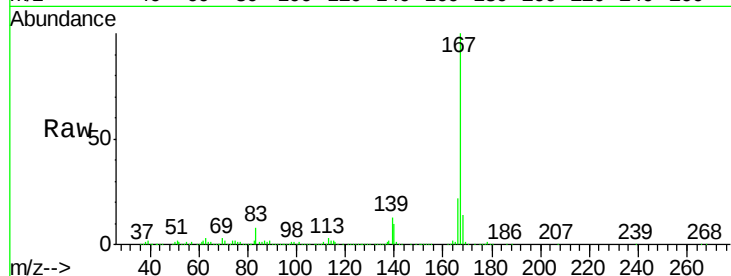
Tgt Ion:167 Resp: 942371

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

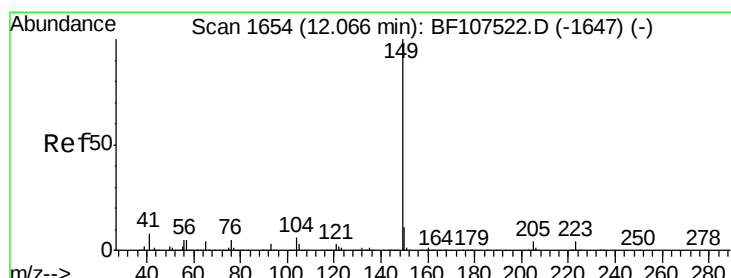
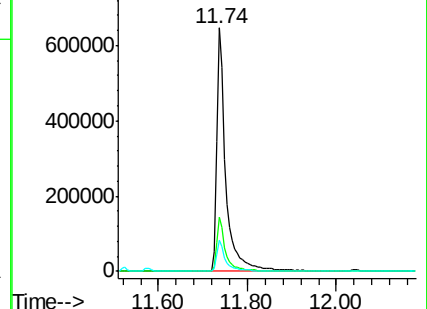
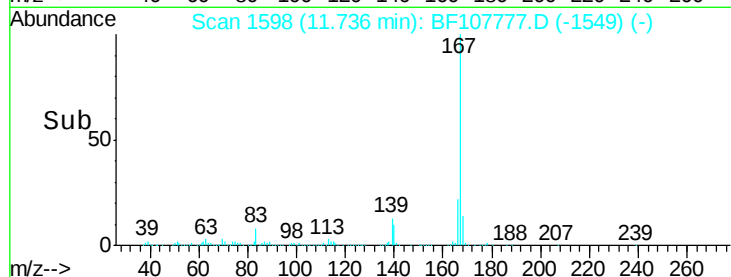
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 57.133 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

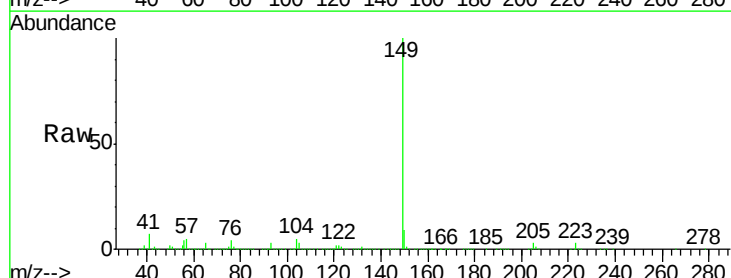
Tgt Ion:149 Resp: 1123240

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

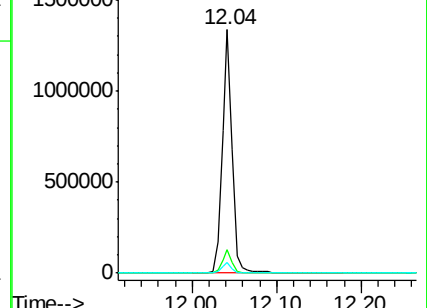
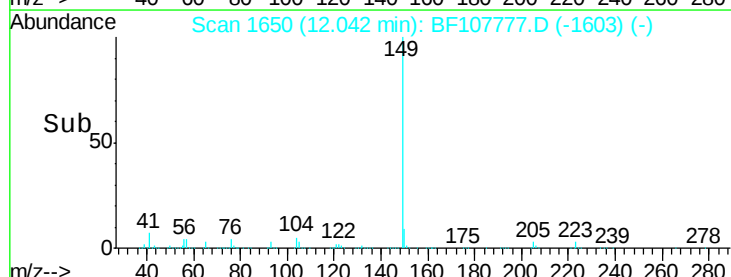
104 4.6 3.8 5.8

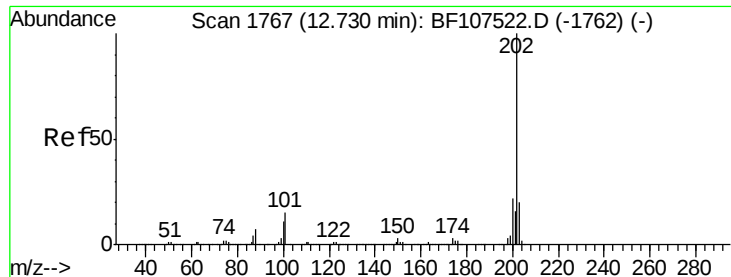


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 50.306 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

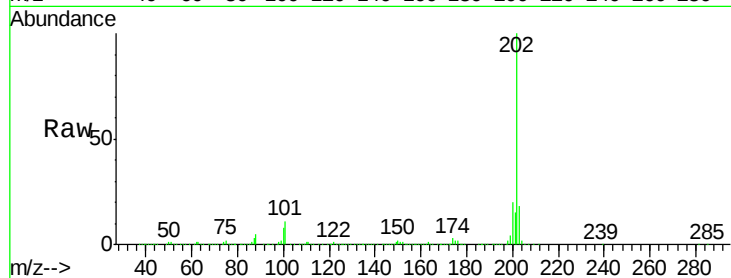
Tgt Ion:202 Resp: 1067727

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

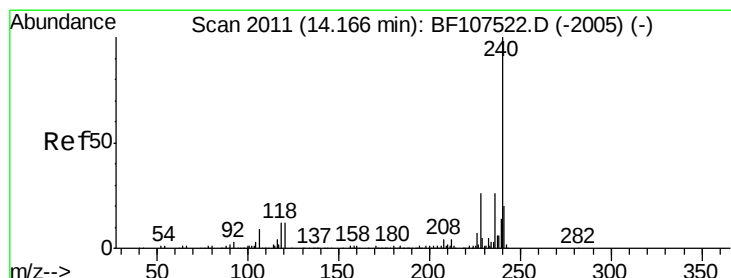
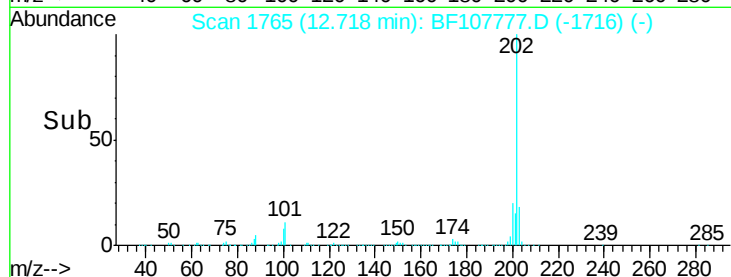
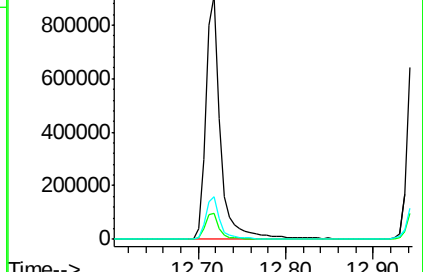
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

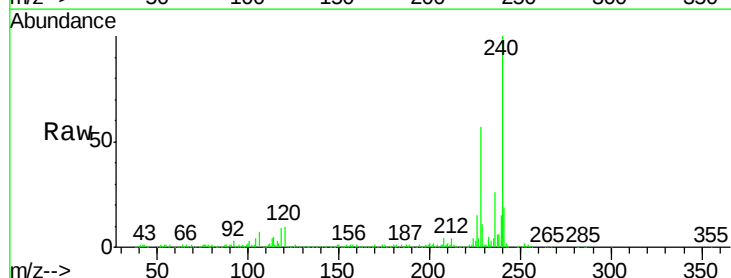
Tgt Ion:240 Resp: 383730

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

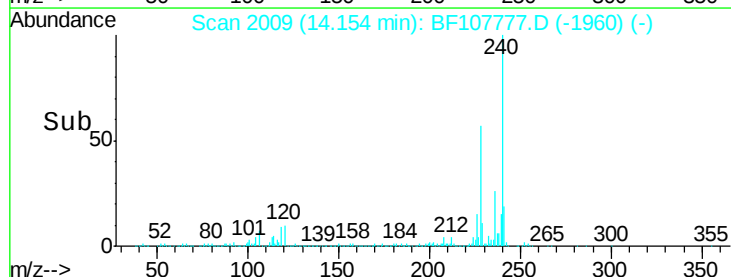
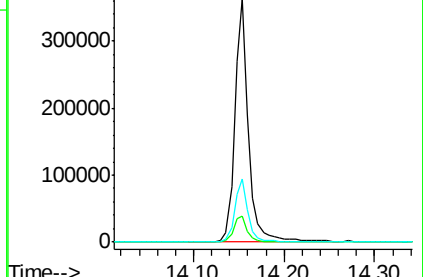
236 26.1 20.7 31.1

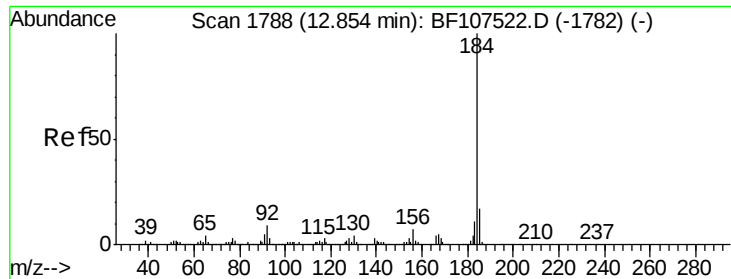


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 16.313 ng

RT: 12.85 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

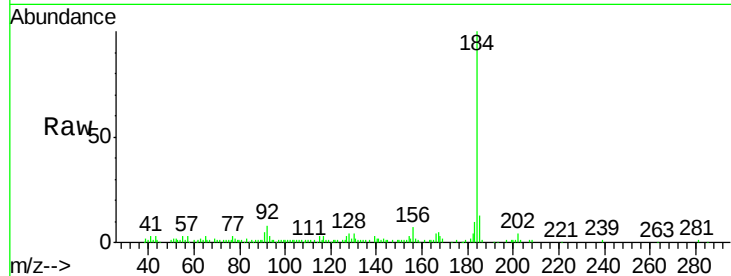
Tgt Ion:184 Resp: 180274

Ion Ratio Lower Upper

184 100

185 13.2 12.6 18.8

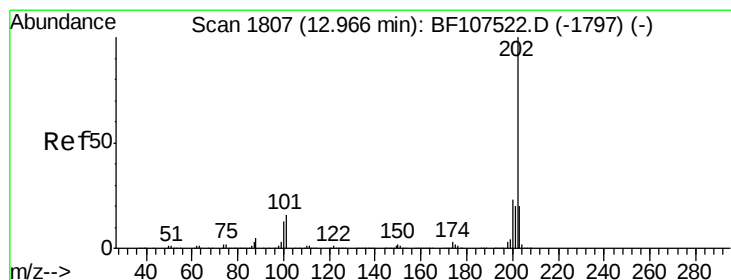
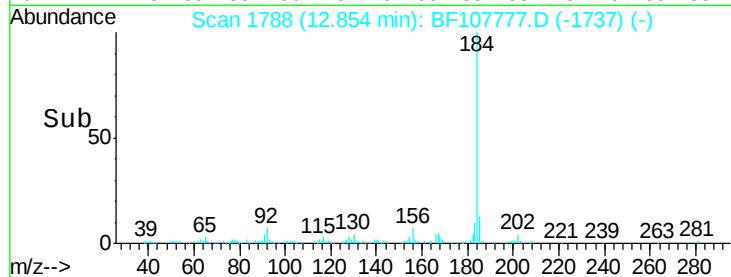
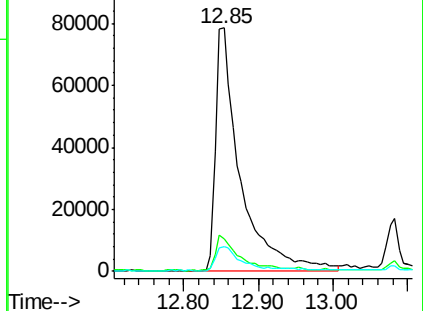
183 10.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 40.850 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

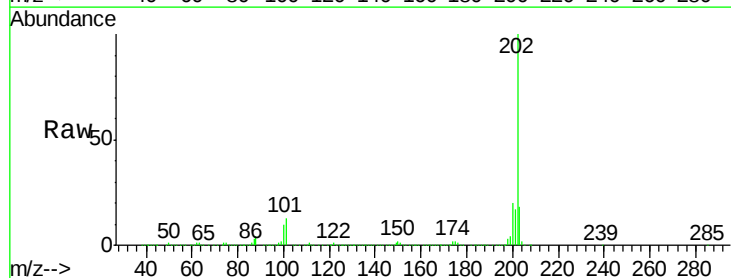
Tgt Ion:202 Resp: 1072212

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

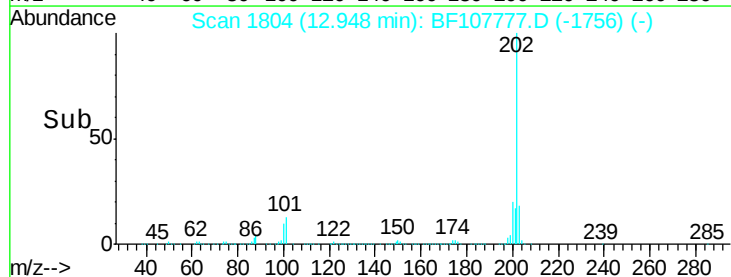
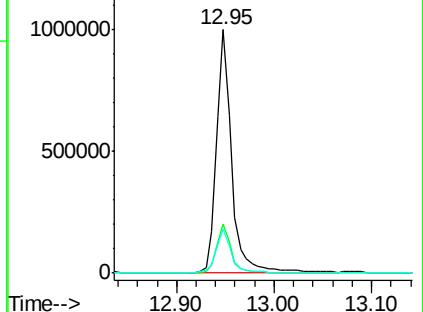
203 18.0 14.3 21.5

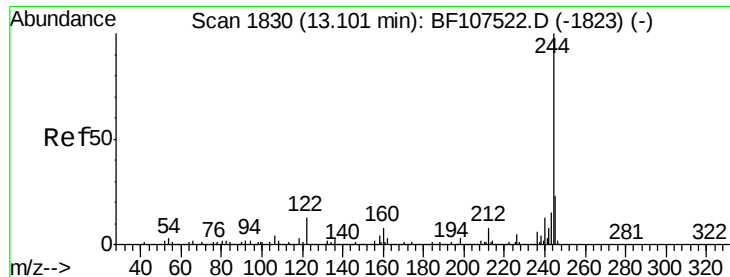


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.559 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

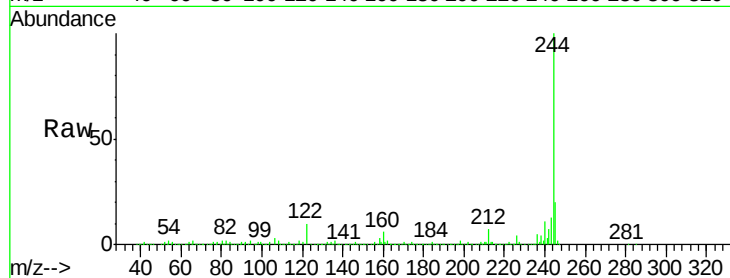
Tgt Ion:244 Resp: 1417337

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

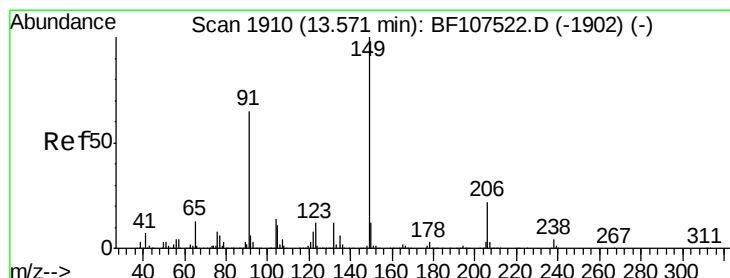
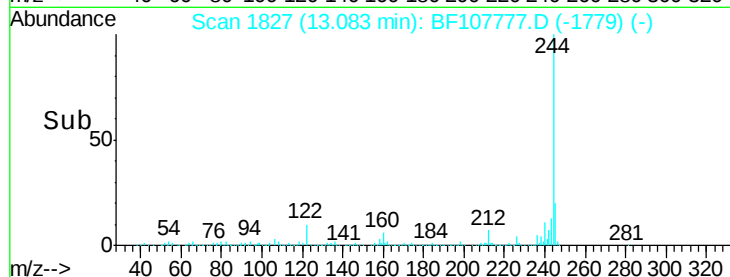
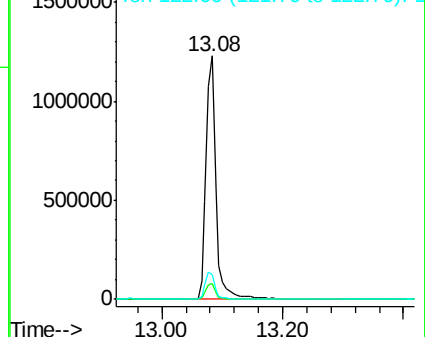
122 10.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.462 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

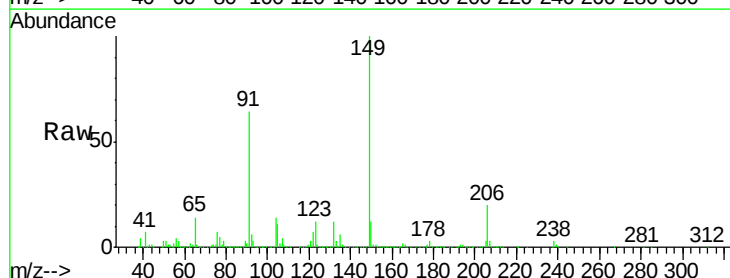
Tgt Ion:149 Resp: 479310

Ion Ratio Lower Upper

149 100

91 63.8 56.8 85.2

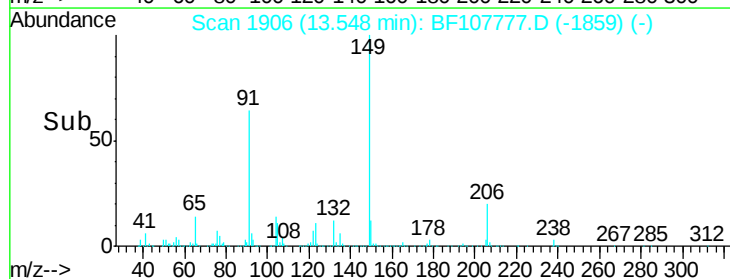
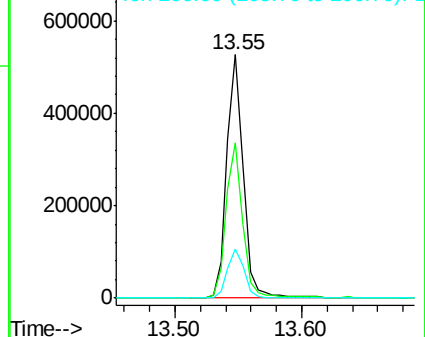
206 20.1 14.1 21.1

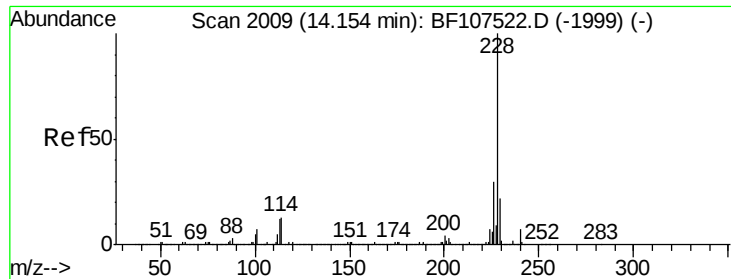


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

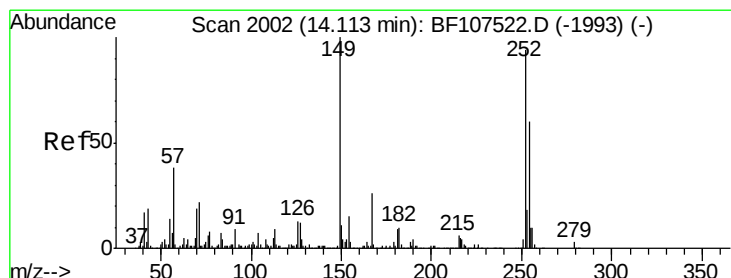
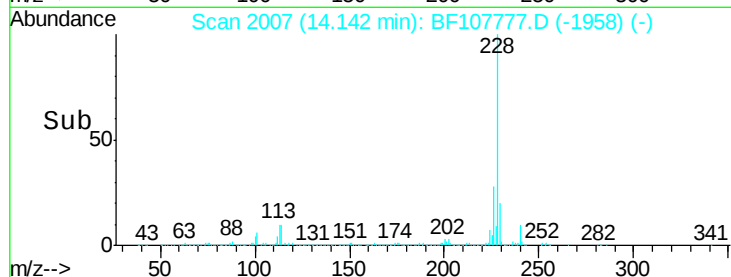
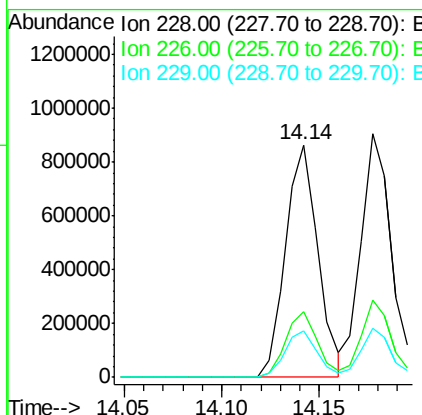
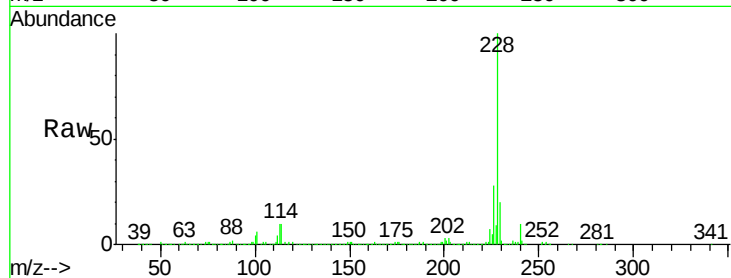




#80
Benzo(a)anthracene
Concen: 44.217 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

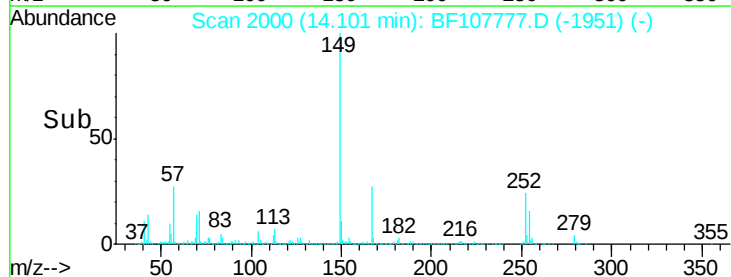
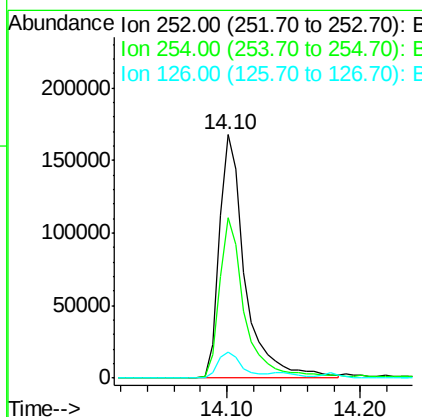
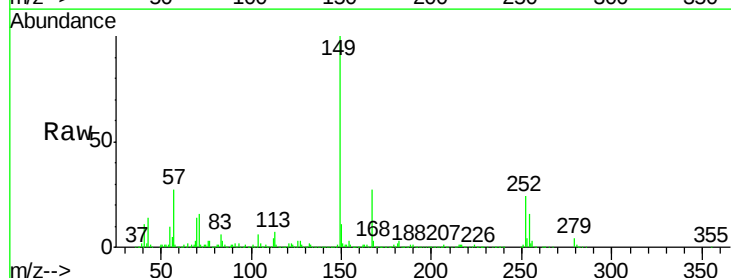
Instrument :
BNA_F
ClientSampleId :
MW-33MS

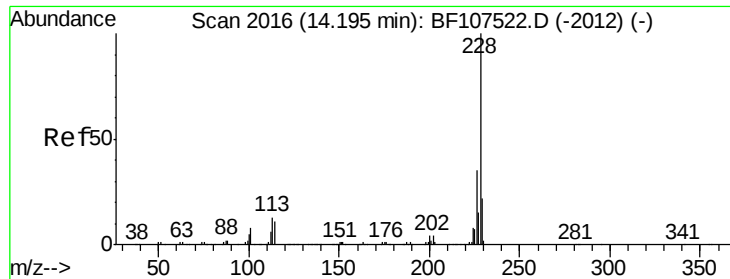
Tgt Ion: 228 Resp: 994317
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.0 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 31.575 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 252 Resp: 229094
Ion Ratio Lower Upper
252 100
254 65.8 50.4 75.6
126 10.7 11.3 16.9#





#82

Chrysene

Concen: 49.459 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

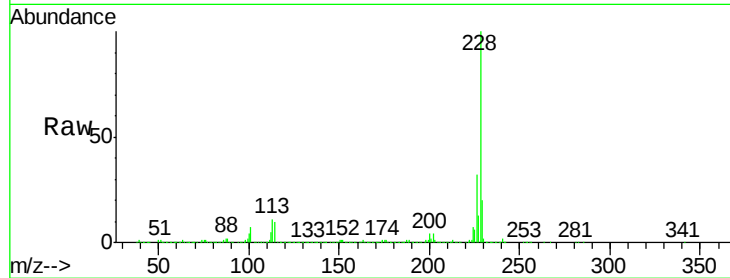
Tgt Ion:228 Resp: 1068379

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

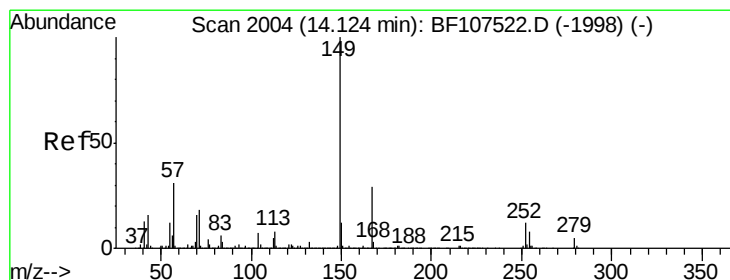
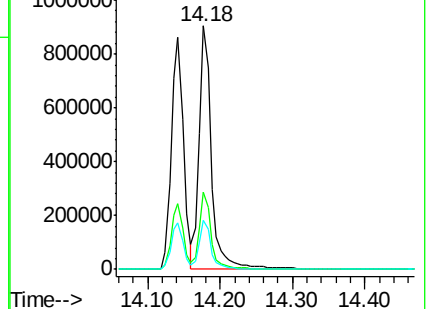
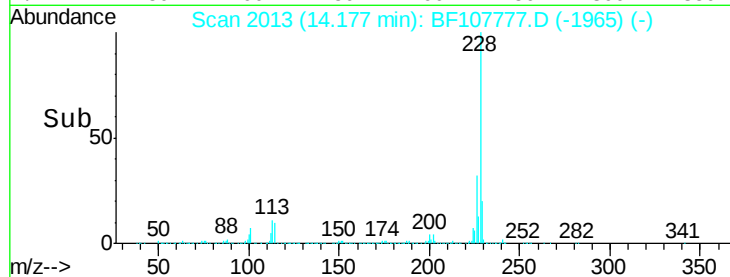
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.148 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

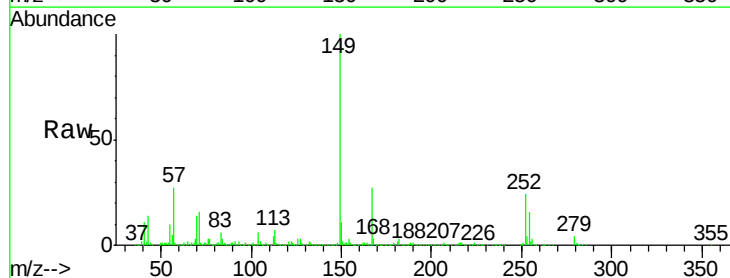
Tgt Ion:149 Resp: 655364

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

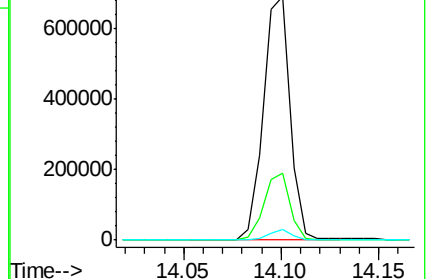
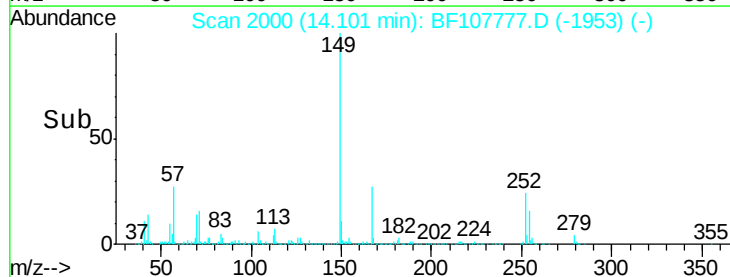
279 4.2 3.0 4.4

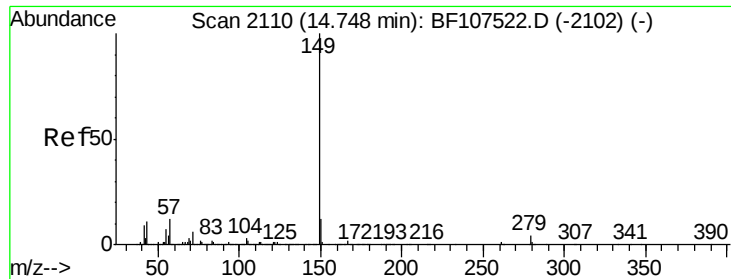


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

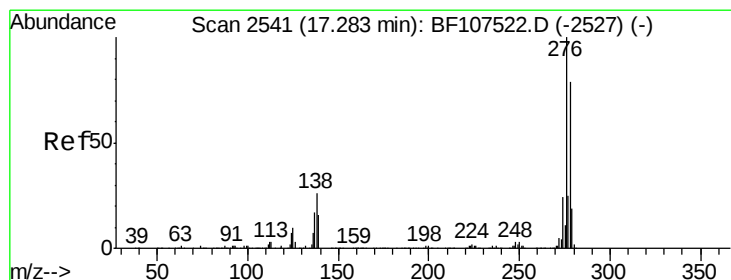
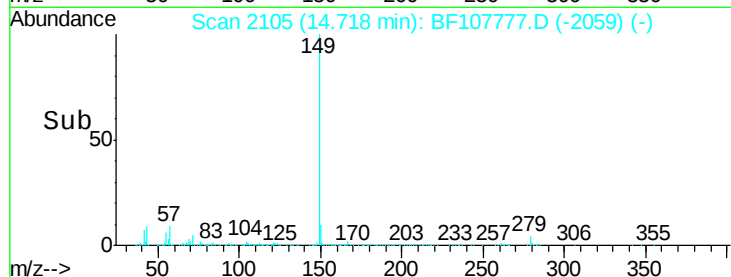
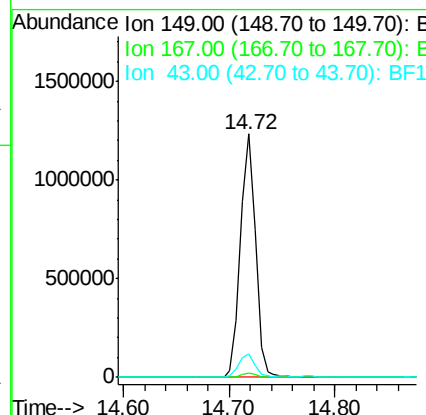
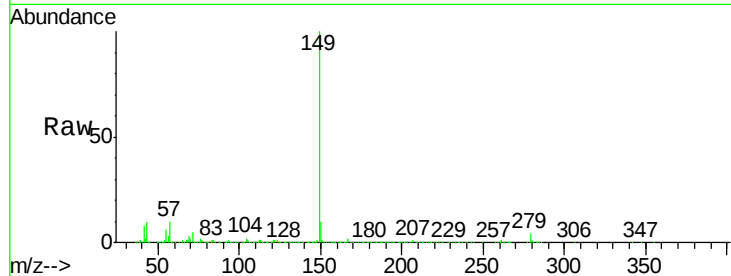




#84
Di-n-octyl phthalate
Concen: 48.832 ng
RT: 14.72 min Scan# 2105
Delta R.T. -0.03 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

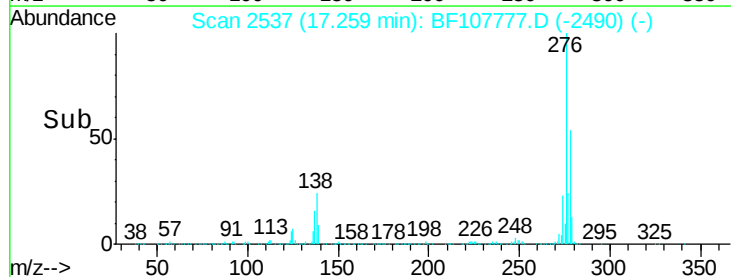
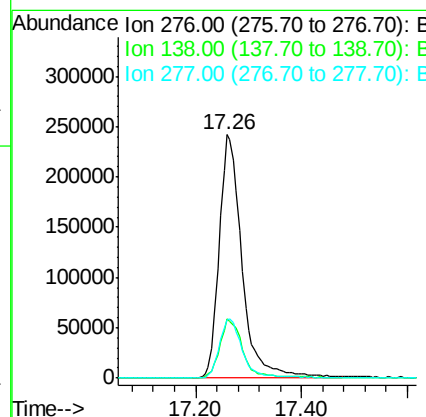
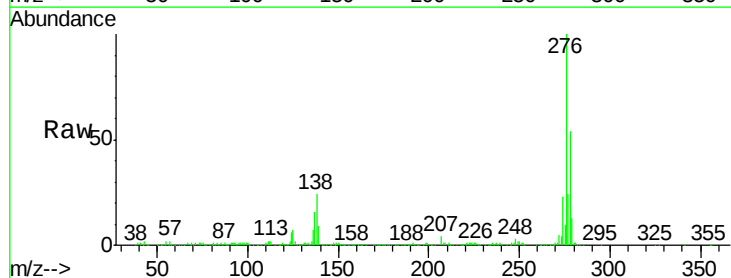
Instrument :
BNA_F
ClientSampleId :
MW-33MS

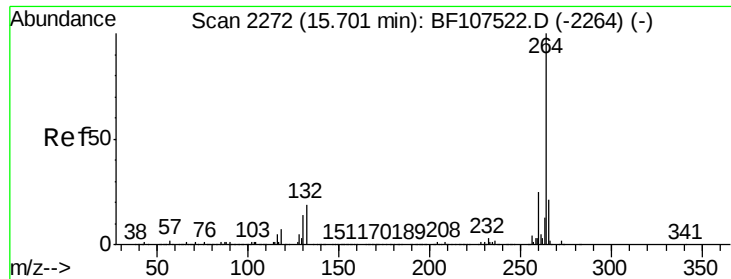
Tgt Ion:149 Resp: 1208920
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.6 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 39.813 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion:276 Resp: 728890
Ion Ratio Lower Upper
276 100
138 24.2 25.0 37.6#
277 24.6 20.1 30.1

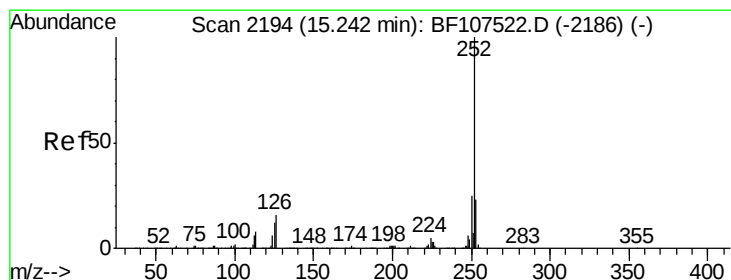
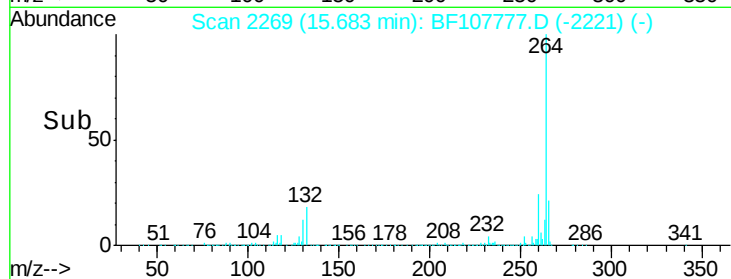
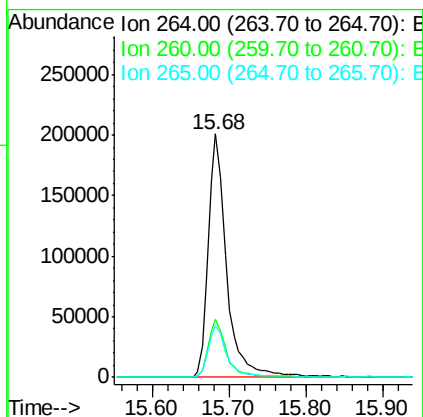
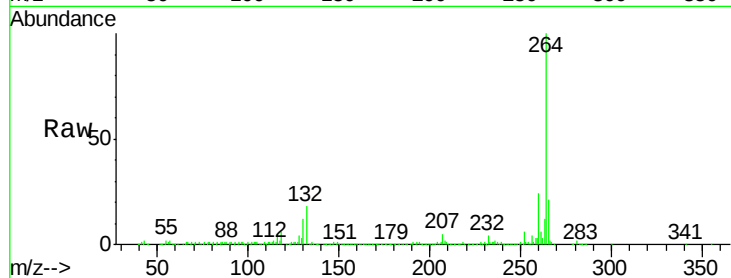




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

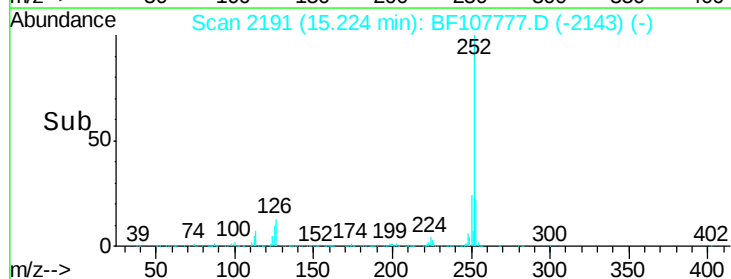
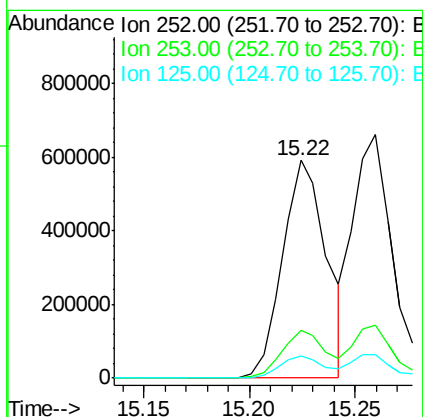
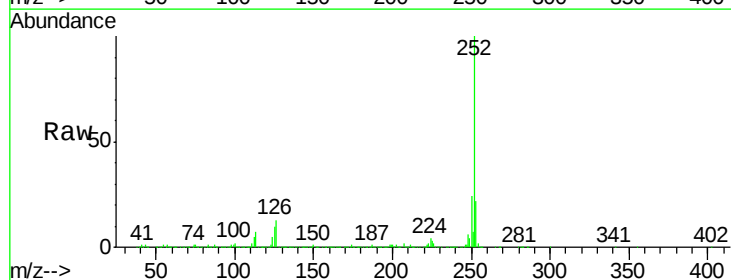
Instrument :
BNA_F
ClientSampleId :
MW-33MS

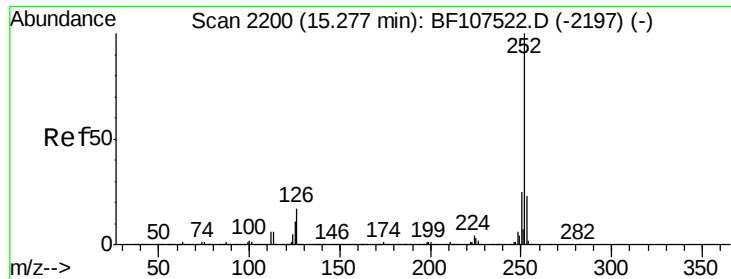
Tgt Ion: 264 Resp: 331319
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 47.276 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 252 Resp: 857236
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.0 9.0 13.6

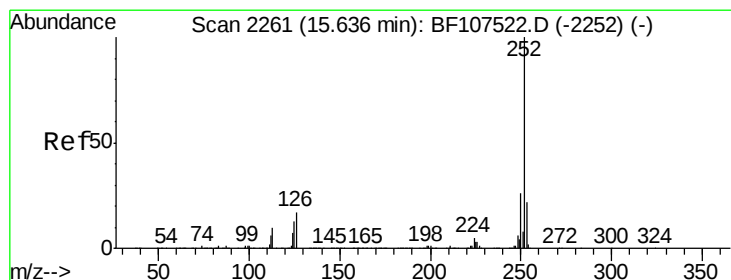
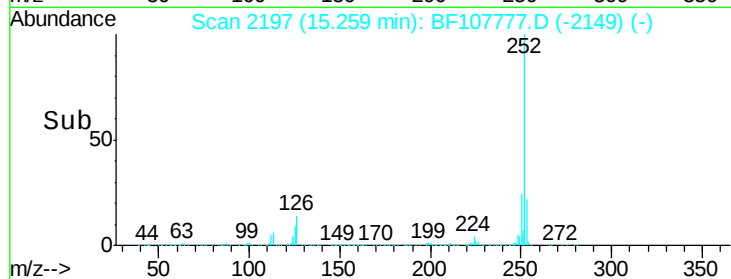
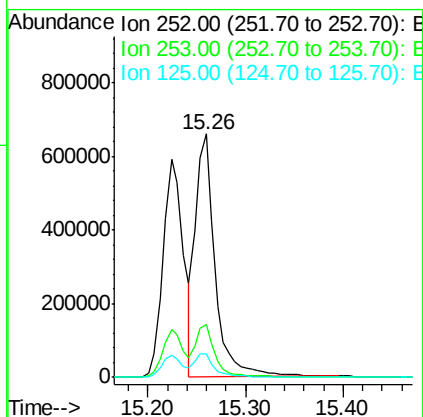
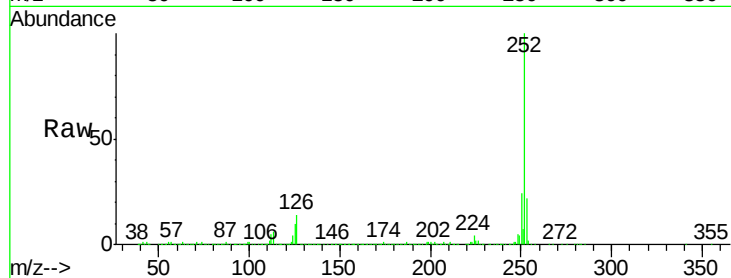




#88
Benzo(k)fluoranthene
Concen: 52.027 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

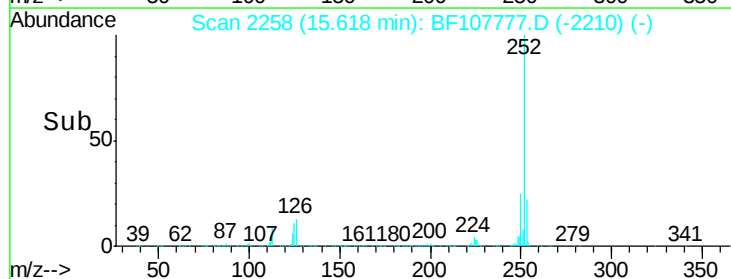
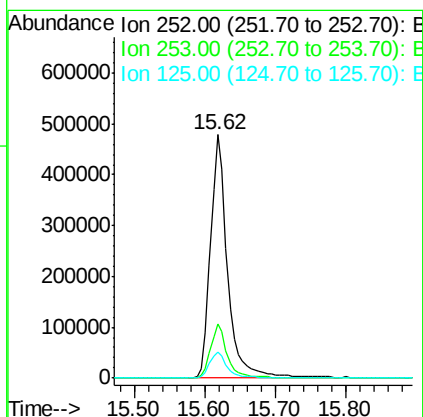
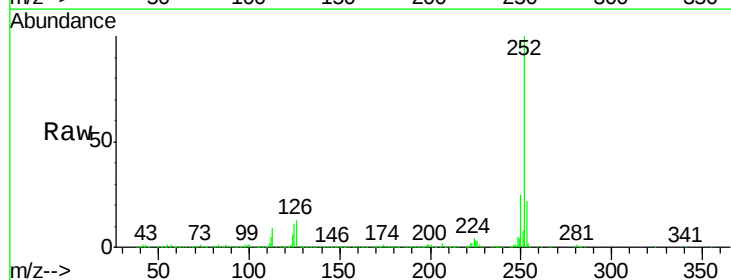
Instrument :
BNA_F
ClientSampleId :
MW-33MS

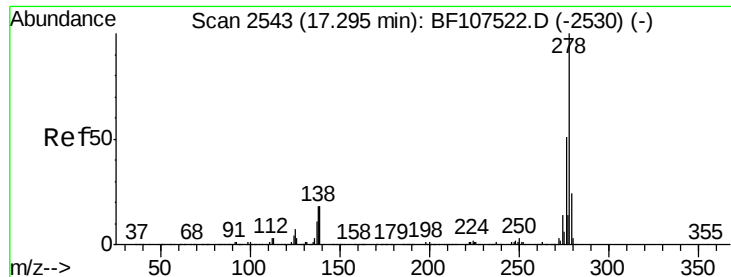
Tgt Ion:252 Resp: 924270
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 48.195 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion:252 Resp: 799389
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.6 9.8 14.6

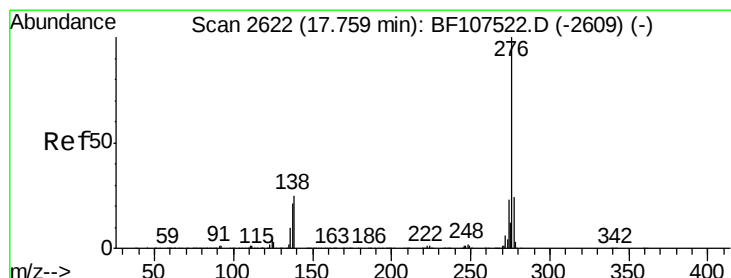
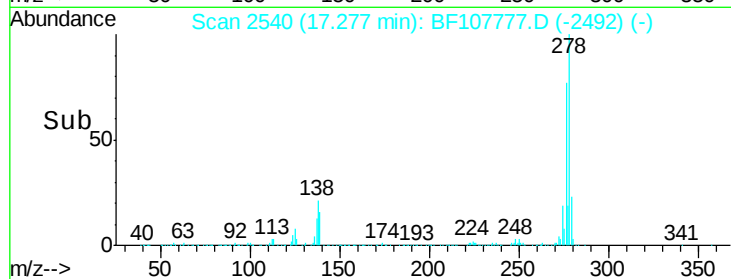
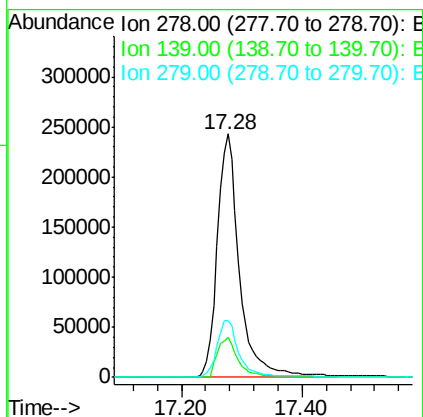
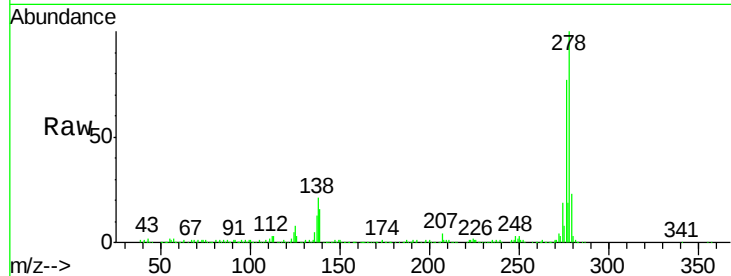




#90
Dibenzo(a,h)anthracene
Concen: 43.128 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tgt Ion: 278 Resp: 618365
Ion Ratio Lower Upper
278 100
139 16.5 15.9 23.9
279 23.2 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 40.502 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion: 276 Resp: 572813
Ion Ratio Lower Upper
276 100
277 22.6 17.9 26.9
138 20.2 21.8 32.8#

