

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107778.D
 Acq On : 28 Jul 2018 6:30
 Operator : JU/SJ
 Sample : J4199-02MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Quant Time: Jul 30 01:33:55 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	178472	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	660447	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	259364	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	435629	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	418760	20.00	ng	-0.01
86) Perylene-d12	15.68	264	350065	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	568821	51.24	ng	0.00
7) Phenol-d6	6.61	99	425632	31.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	1018825	104.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	380292	128.94	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1754712	136.51	ng	-0.02
78) Terphenyl-d14	13.08	244	1469923	89.86	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	69727	13.496	ng	# 86
3) Pyridine	3.66	79	98686	7.021	ng	87
4) n-Nitrosodimethylamine	3.63	42	28584	4.822	ng	# 83
6) Aniline	6.64	93	171134	9.955	ng	# 73
8) 2-Chlorophenol	6.75	128	410880	34.550	ng	95
9) Benzaldehyde	6.52	77	210879	23.211	ng	95
10) Phenol	6.62	94	151584	9.670	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	413088	31.786	ng	94
12) 1,3-Dichlorobenzene	6.90	146	521959	38.711	ng	98
13) 1,4-Dichlorobenzene	6.98	146	575957	41.676	ng	99
14) 1,2-Dichlorobenzene	7.13	146	530517	42.777	ng	98
15) Benzyl Alcohol	7.11	79	220272	24.249	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	824807	37.620	ng	79
17) 2-Methylphenol	7.22	107	256051	25.332	ng	# 68
18) Hexachloroethane	7.47	117	182915	37.736	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	349437	40.583	ng	98
20) 3+4-Methylphenols	7.38	107	295491	24.619	ng	# 16
22) Acetophenone	7.37	105	740390	47.734	ng	# 96
24) Nitrobenzene	7.55	77	495104	44.171	ng	96
25) Isophorone	7.78	82	947196	45.331	ng	98
26) 2-Nitrophenol	7.87	139	268659	56.758	ng	100
27) 2,4-Dimethylphenol	7.90	122	357021	39.847	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	598597	42.867	ng	99
29) 2,4-Dichlorophenol	8.11	162	378227	41.301	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	439609	42.740	ng	99
31) Naphthalene	8.27	128	1425597	49.086	ng	100
32) Benzoic acid	8.00	122	62634	16.265	ng	# 84
33) 4-Chloroaniline	8.34	127	151117	11.905	ng	# 91
34) Hexachlorobutadiene	8.37	225	258454	42.287	ng	99
35) Caprolactam	8.70	113	17722	5.950	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	351416	34.545	ng	100
37) 2-Methylnaphthalene	8.96	142	933679	46.393	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	442048	51.099	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	54203	12.326	ng	95

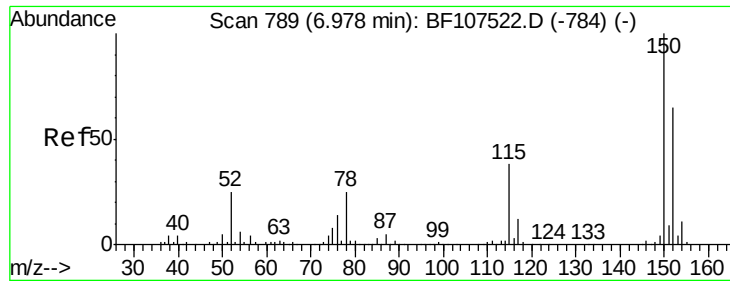
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
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 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	244273	44.114	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	266788	46.099	ng	96
45) 1,1'-Biphenyl	9.42	154	1135873	50.274	ng	98
46) 2-Chloronaphthalene	9.45	162	820785	47.527	ng	98
47) 2-Nitroaniline	9.56	65	260228	51.686	ng	97
48) Acenaphthylene	9.87	152	1266418	48.816	ng	99
49) Dimethylphthalate	9.72	163	1048169	53.622	ng	99
50) 2,6-Dinitrotoluene	9.79	165	189883	48.927	ng	# 89
51) Acenaphthene	10.04	154	806026	49.588	ng	99
52) 3-Nitroaniline	9.98	138	86998	18.426	ng	99
53) 2,4-Dinitrophenol	10.09	184	45505	36.661	ng	# 46
54) Dibenzofuran	10.21	168	1082684	45.244	ng	99
55) 4-Nitrophenol	10.16	139	45475	12.865	ng	# 84
56) 2,4-Dinitrotoluene	10.20	165	215549	46.012	ng	# 92
57) Fluorene	10.55	166	842503	49.350	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	210020	43.605	ng	89
59) Diethylphthalate	10.41	149	946312	46.354	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	431766	44.736	ng	92
61) 4-Nitroaniline	10.60	138	148645	37.473	ng	96
62) Azobenzene	10.70	77	784497	40.981	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	41846	24.980	ng	90
65) n-Nitrosodiphenylamine	10.67	169	731700	49.456	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	238354	46.480	ng	# 86
67) Hexachlorobenzene	11.10	284	254416	45.090	ng	# 88
68) Atrazine	11.19	200	204974	45.376	ng	97
69) Pentachlorophenol	11.30	266	222939	63.256	ng	98
70) Phenanthrene	11.52	178	1032534	48.639	ng	99
71) Anthracene	11.58	178	1142058	53.433	ng	99
72) Carbazole	11.74	167	1026955	46.205	ng	99
73) Di-n-butylphthalate	12.04	149	1252420	60.884	ng	100
74) Fluoranthene	12.72	202	1178302	51.726	ng	96
77) Pyrene	12.95	202	1213520	42.366	ng	98
79) Butylbenzylphthalate	13.55	149	540478	43.876	ng	92
80) Benzo(a)anthracene	14.14	228	1122889	45.757	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	218339	26.685	ng	98
82) Chrysene	14.18	228	1213378	51.473	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	722639	41.576	ng	97
84) Di-n-octyl phthalate	14.72	149	1350424	49.985	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	792946	39.689	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	936891	48.902	ng	98
88) Benzo(k)fluoranthene	15.22	252	936891	49.914	ng	98
89) Benzo(a)pyrene	15.62	252	869762	49.630	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	678168	44.766	ng	# 95
91) Benzo(g,h,i)perylene	17.75	276	645622	43.206	ng	# 92

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

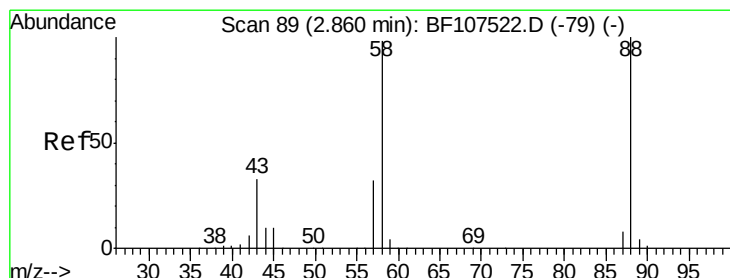
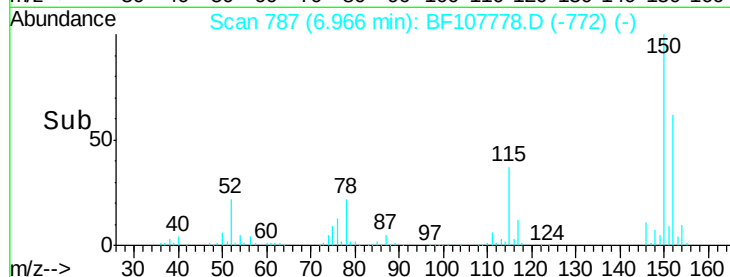
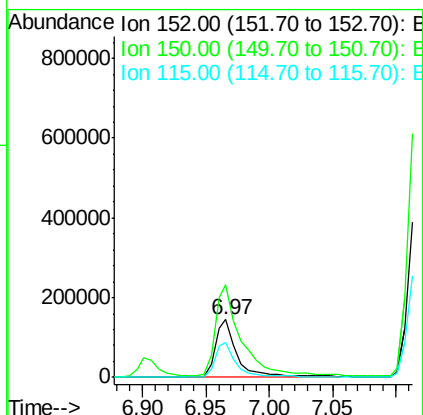
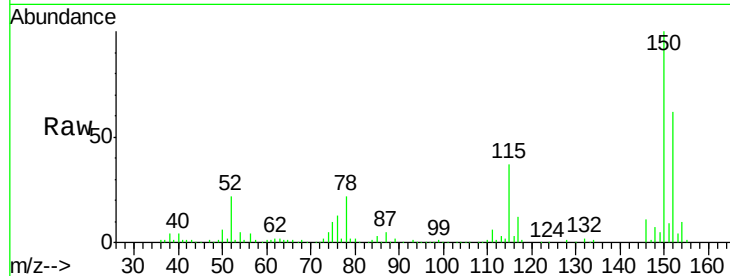


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

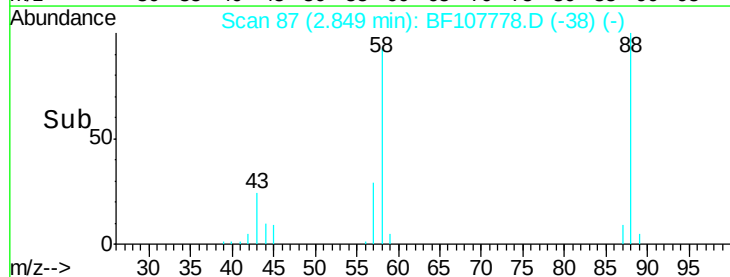
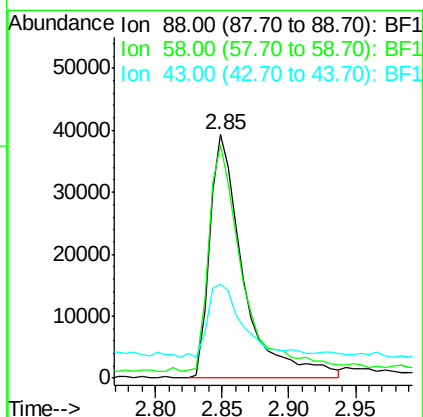
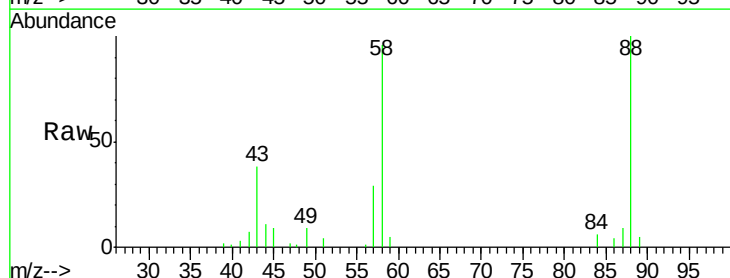
Tgt Ion:152 Resp: 178472
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 59.7 50.1 75.1

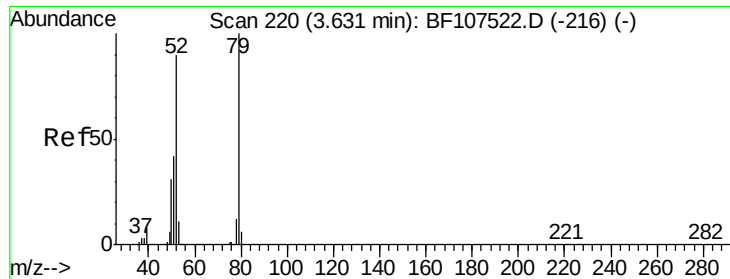


#2

1,4-Dioxane
Concen: 13.496 ng
RT: 2.85 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion: 88 Resp: 69727
Ion Ratio Lower Upper
88 100
58 94.2 62.6 93.8#
43 31.4 24.6 37.0





#3

Pyridine

Concen: 7.021 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

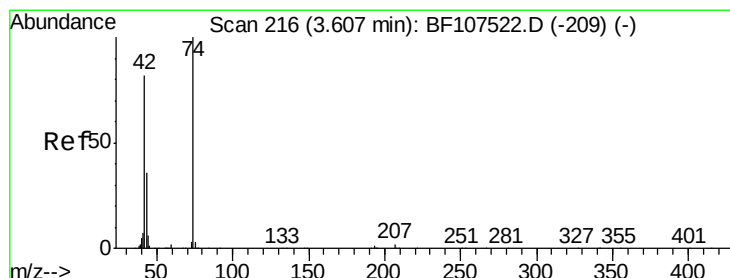
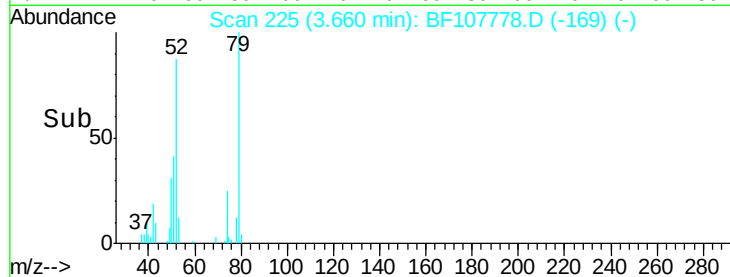
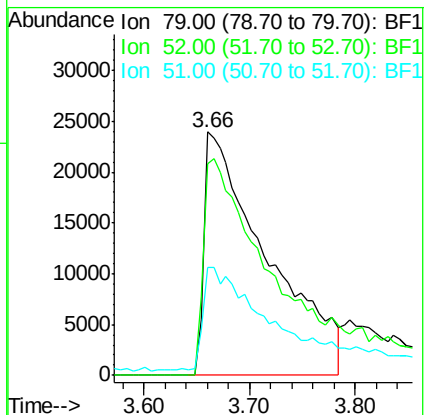
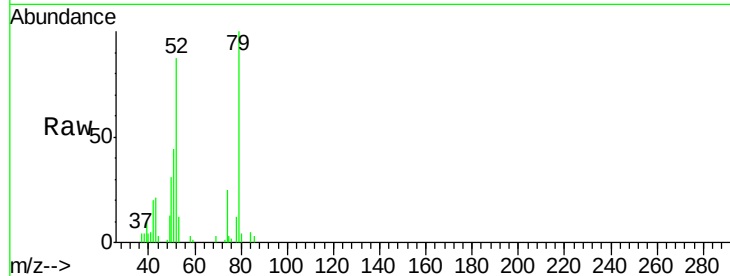
Tgt Ion: 79 Resp: 98686

Ion Ratio Lower Upper

79 100

52 86.8 59.8 89.6

51 44.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 4.822 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

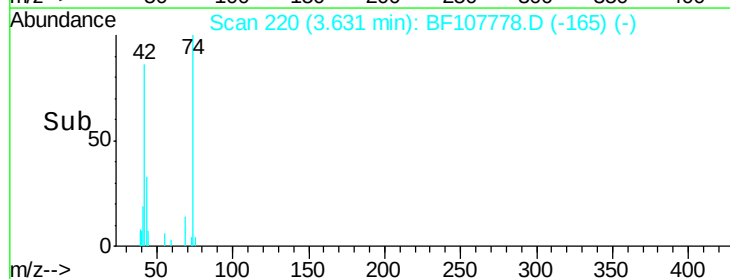
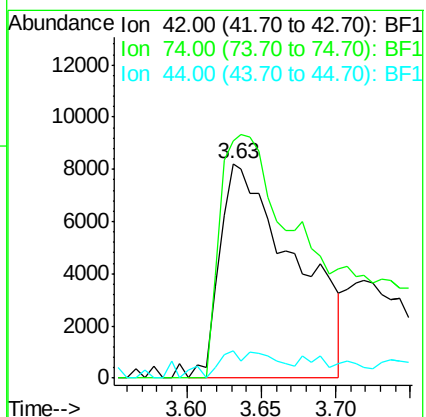
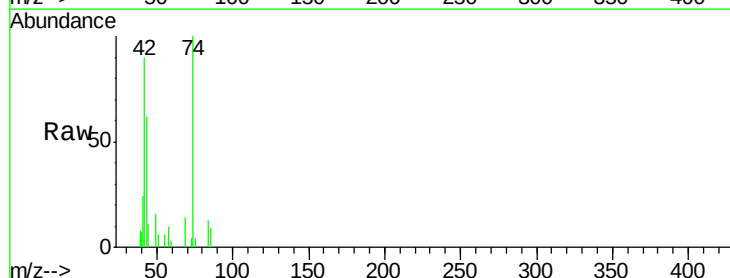
Tgt Ion: 42 Resp: 28584

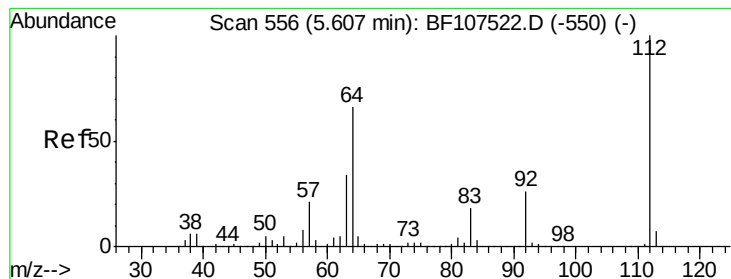
Ion Ratio Lower Upper

42 100

74 110.7 104.9 157.3

44 12.5 6.9 10.3#

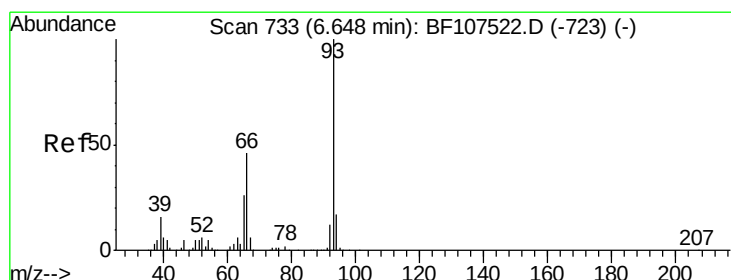
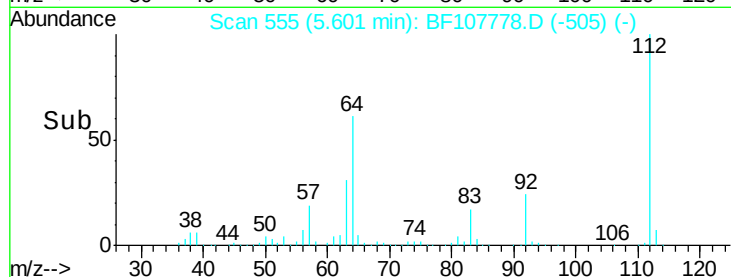
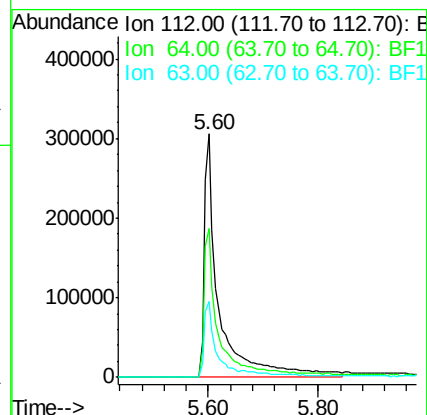
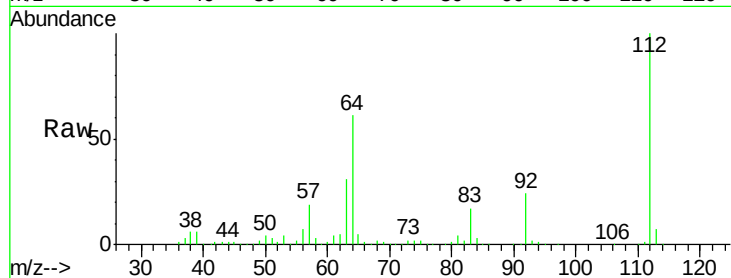




#5
 2-Fluorophenol
 Concen: 51.244 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

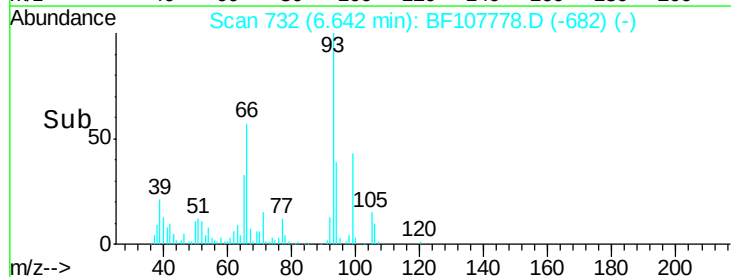
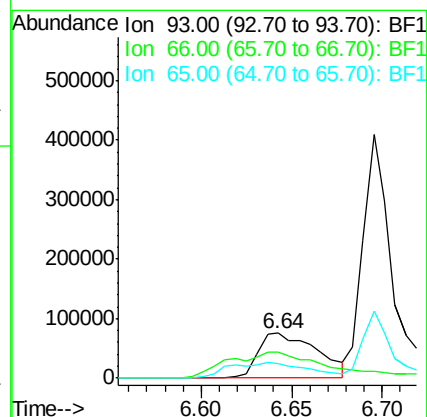
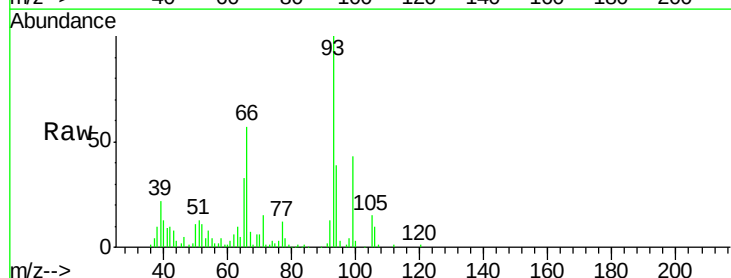
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

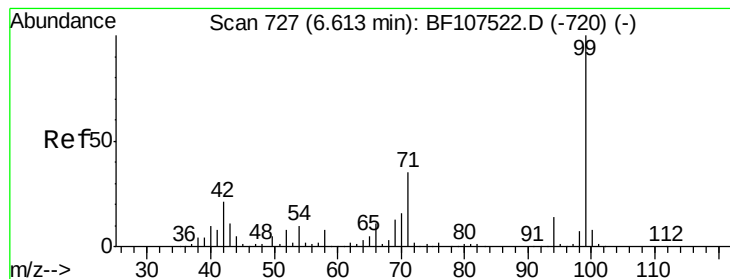
Tgt Ion: 112 Resp: 568821
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.9 71.9
 63 31.1 23.7 35.5



#6
 Aniline
 Concen: 9.955 ng
 RT: 6.64 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion: 93 Resp: 171134
 Ion Ratio Lower Upper
 93 100
 66 57.2 32.2 48.2#
 65 33.0 16.4 24.6#





#7

Phenol-d6

Concen: 31.934 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

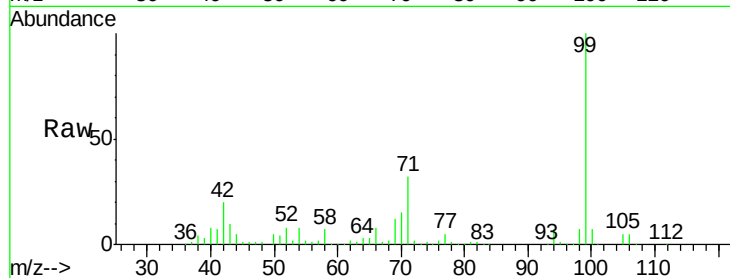
Tgt Ion: 99 Resp: 425632

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

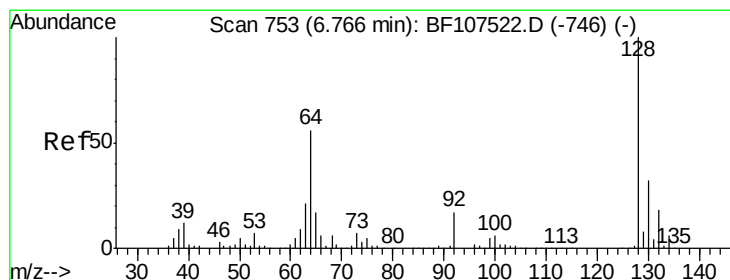
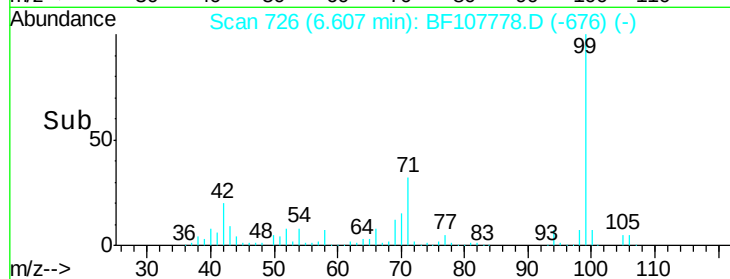
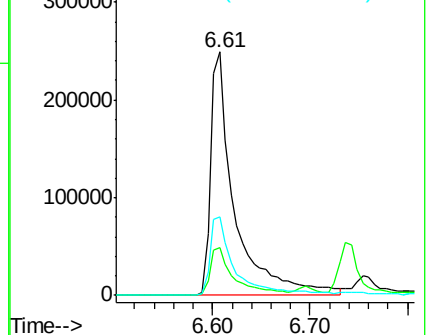
71 32.4 25.4 38.0



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: 34.550 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

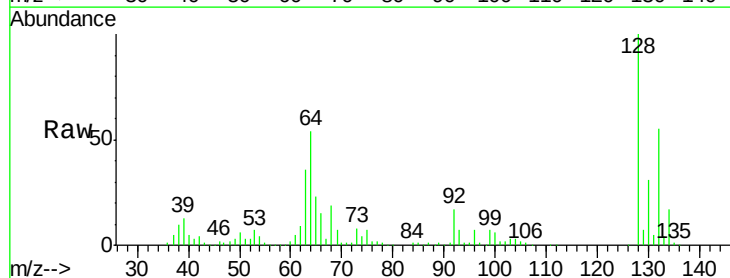
Tgt Ion: 128 Resp: 410880

Ion Ratio Lower Upper

128 100

130 31.3 13.0 53.0

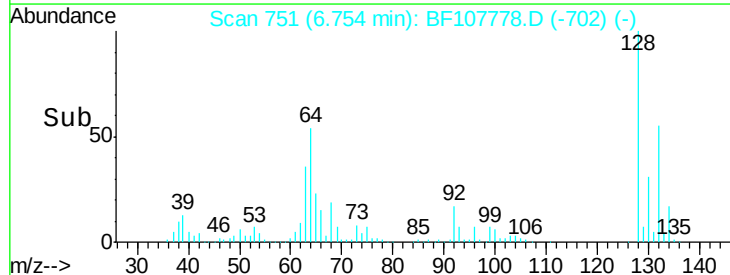
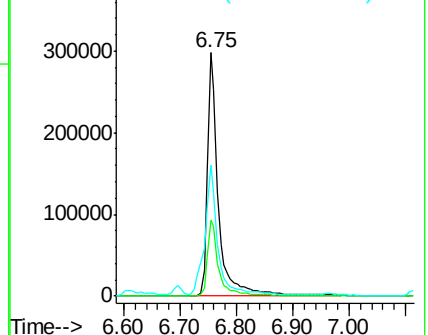
64 53.7 29.4 69.4

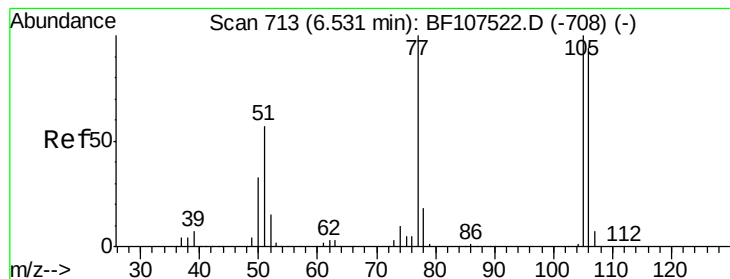


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.211 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

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BNA_F

ClientSampleId :

MW-33MSD

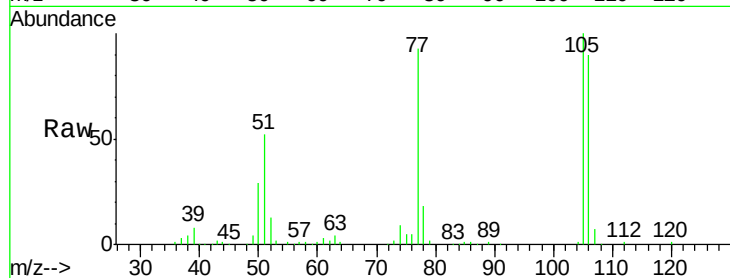
Tgt Ion: 77 Resp: 210879

Ion Ratio Lower Upper

77 100

105 107.5 81.1 121.1

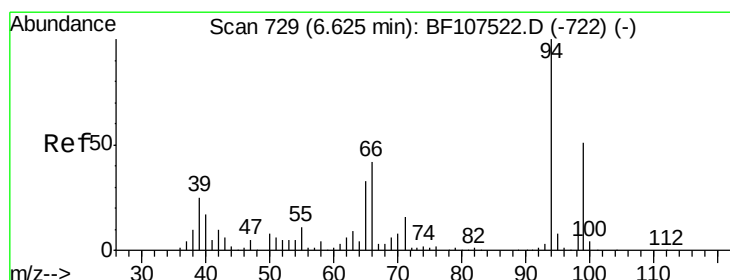
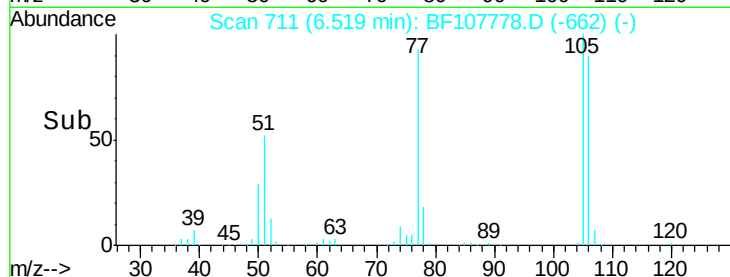
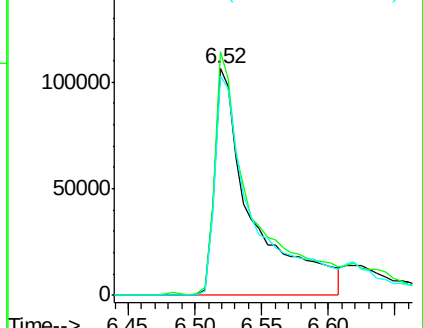
106 97.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 9.670 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

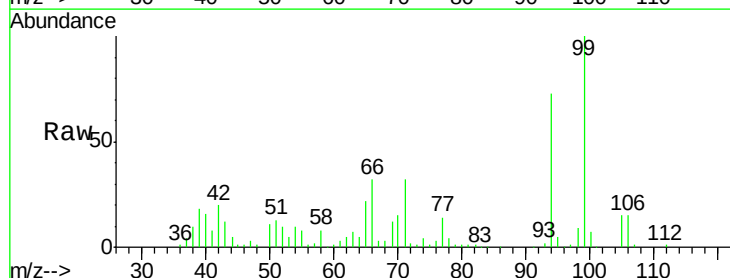
Tgt Ion: 94 Resp: 151584

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

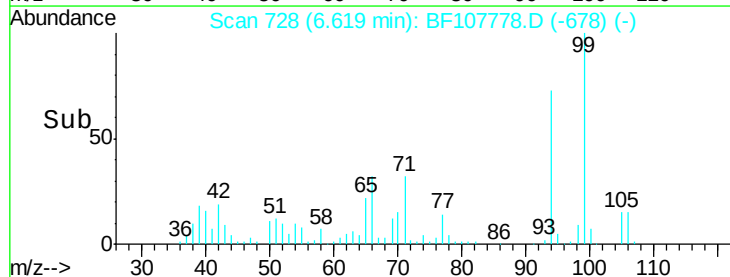
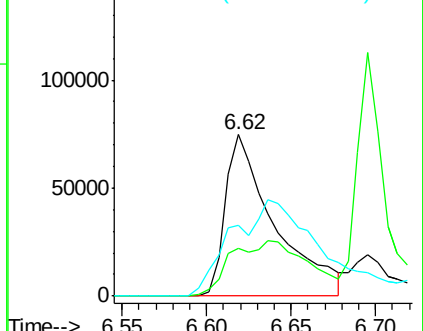
66 44.3 16.2 56.2

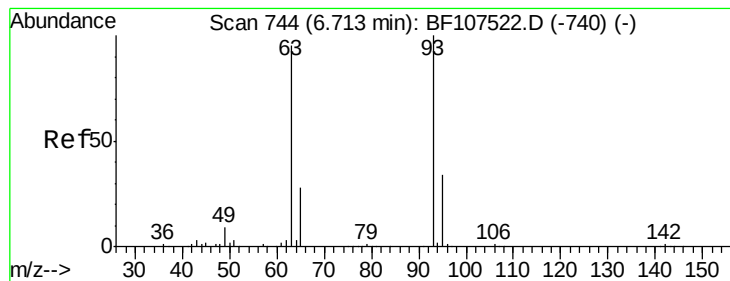


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

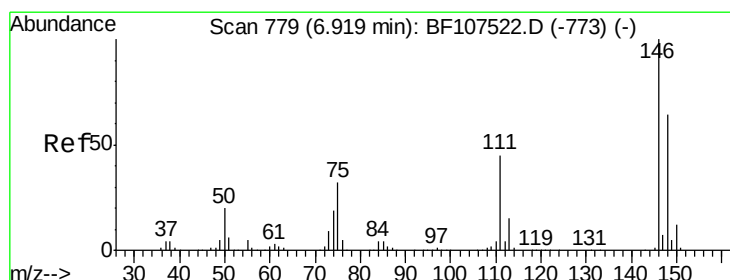
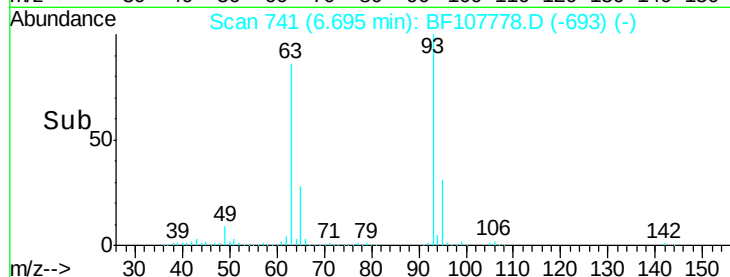
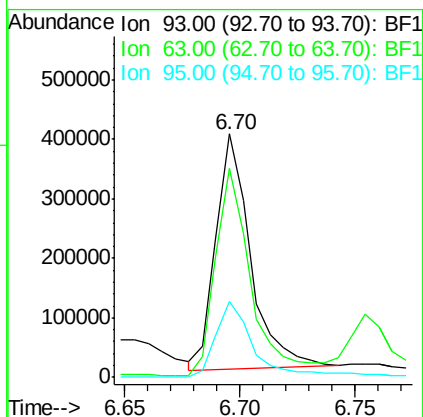
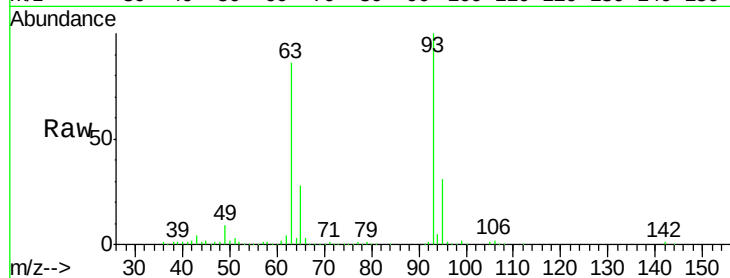




#11
 bis(2-Chloroethyl)ether
 Concen: 31.786 ng
 RT: 6.70 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

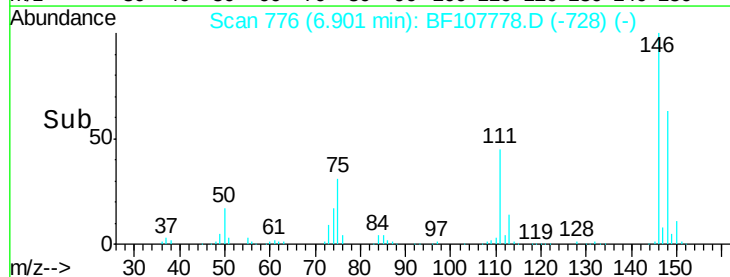
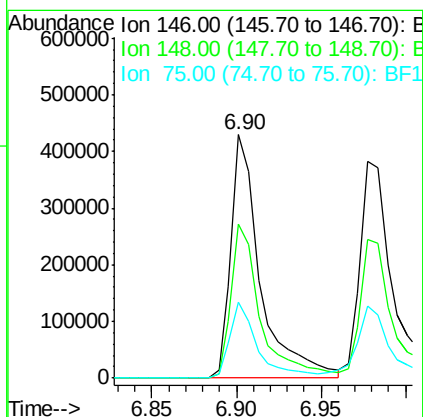
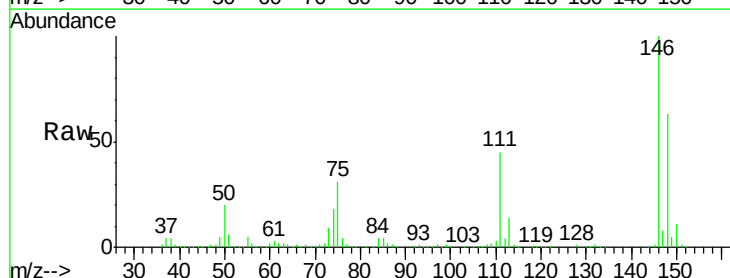
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

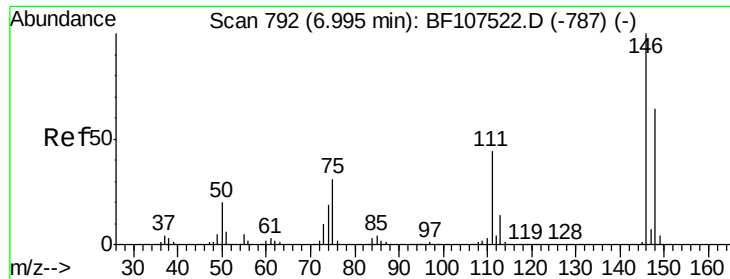
Tgt Ion: 93 Resp: 413088
 Ion Ratio Lower Upper
 93 100
 63 86.0 58.6 98.6
 95 31.3 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.711 ng
 RT: 6.90 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion: 146 Resp: 521959
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 31.2 24.2 36.4

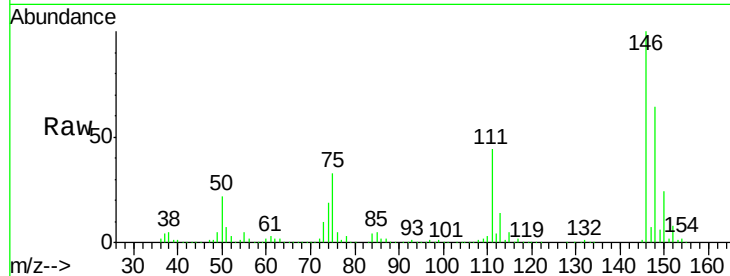




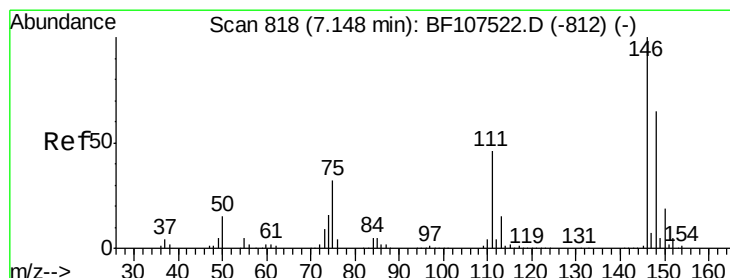
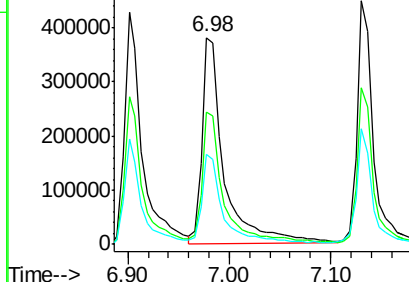
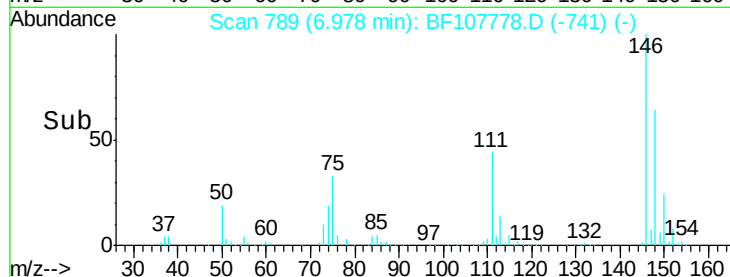
#13
 1,4-Dichlorobenzene
 Concen: 41.676 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampled :
 MW-33MSD

Tgt Ion:146 Resp: 575957
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 43.5 34.2 51.2

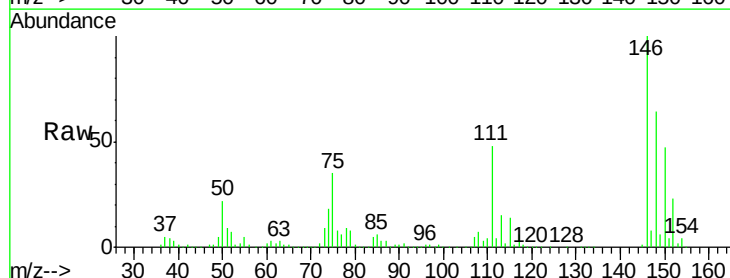


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

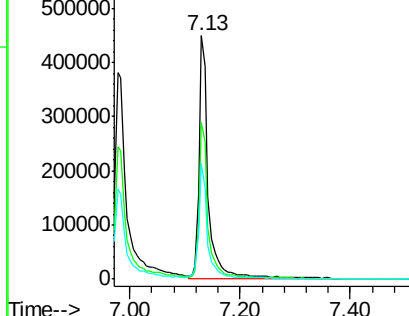
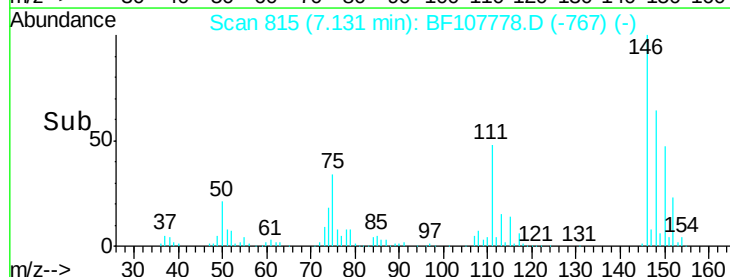


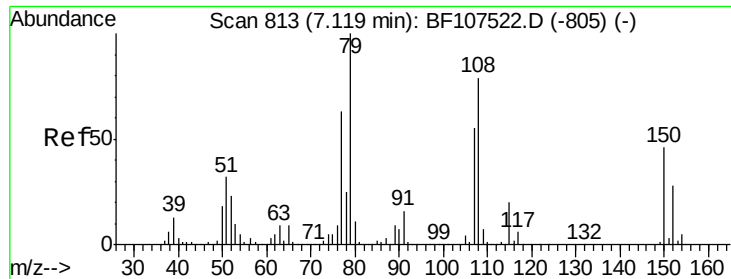
#14
 1,2-Dichlorobenzene
 Concen: 42.777 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:146 Resp: 530517
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 47.6 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

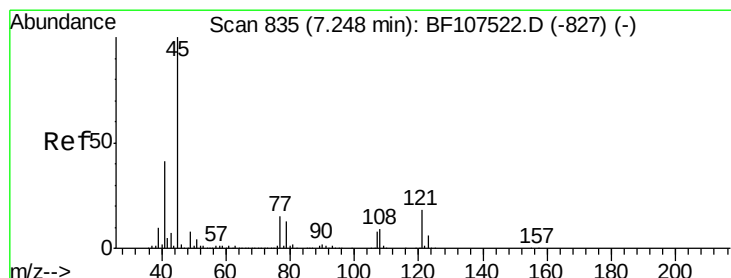
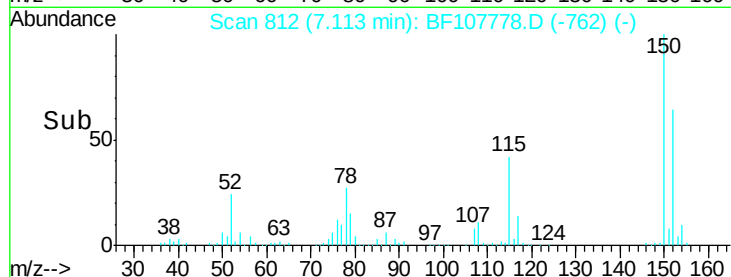
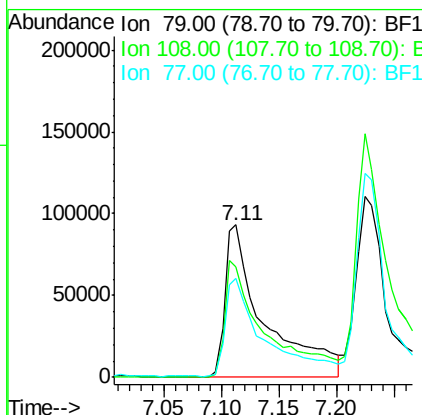
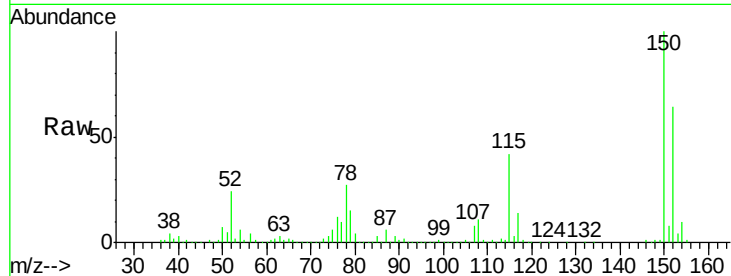




#15
Benzyl Alcohol
Concen: 24.249 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

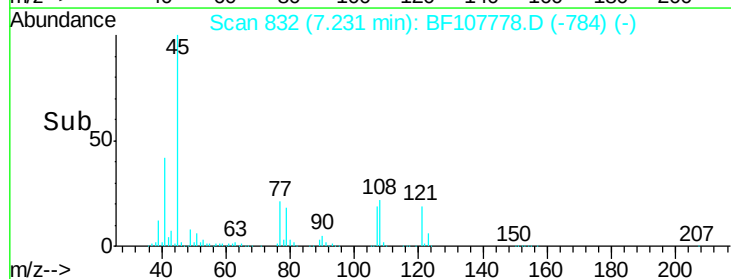
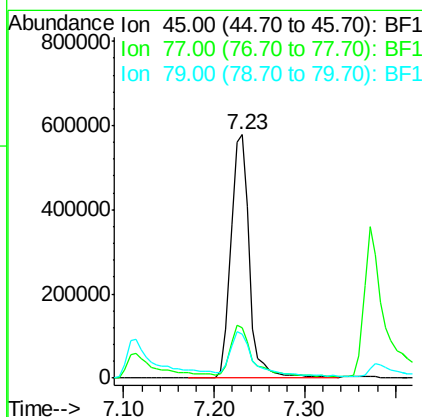
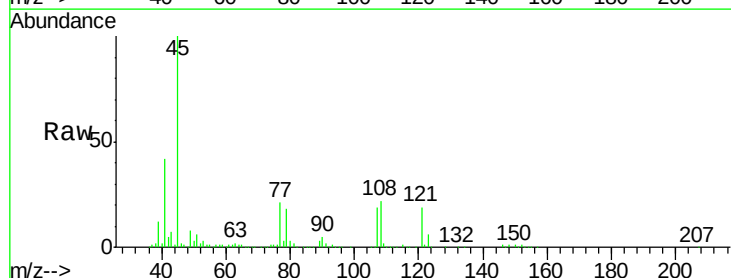
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

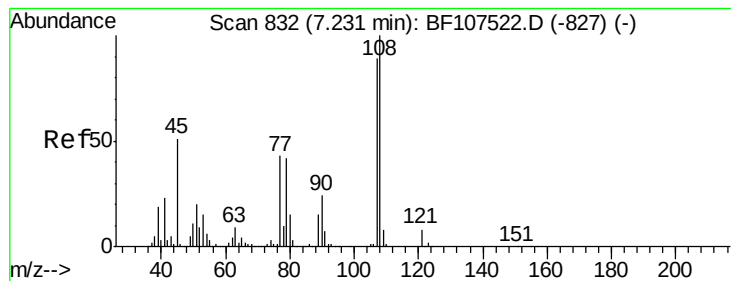
Tgt Ion: 79 Resp: 220272
Ion Ratio Lower Upper
79 100
108 72.6 65.1 97.7
77 64.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.620 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion: 45 Resp: 824807
Ion Ratio Lower Upper
45 100
77 20.9 0.0 32.9
79 18.1 0.0 29.6

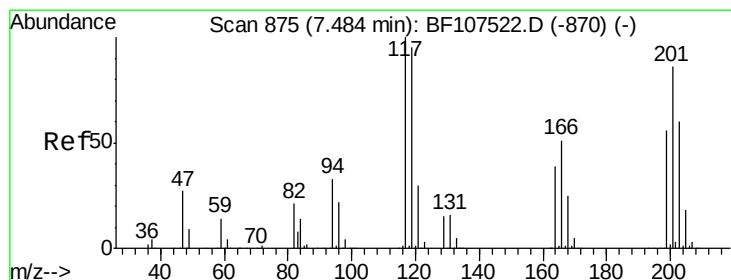
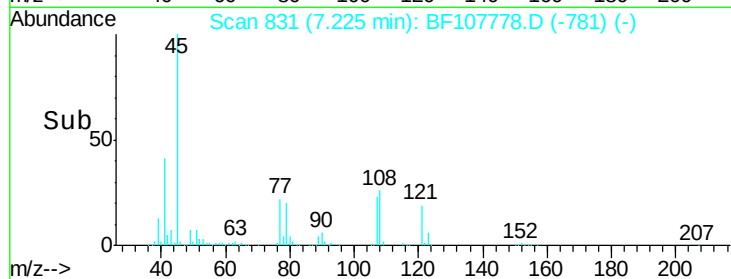
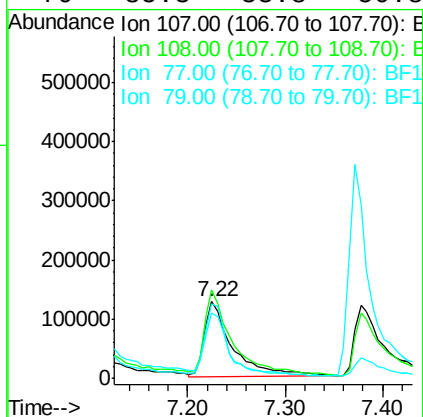
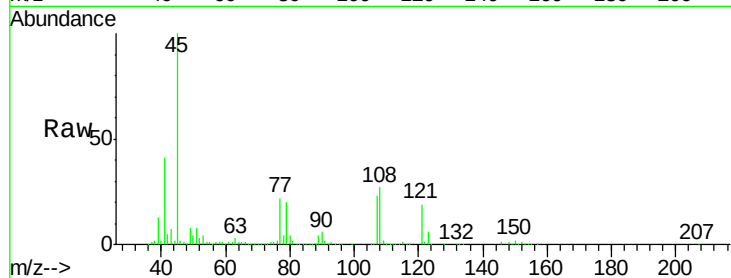




#17
 2-Methylphenol
 Concen: 25.332 ng
 RT: 7.22 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

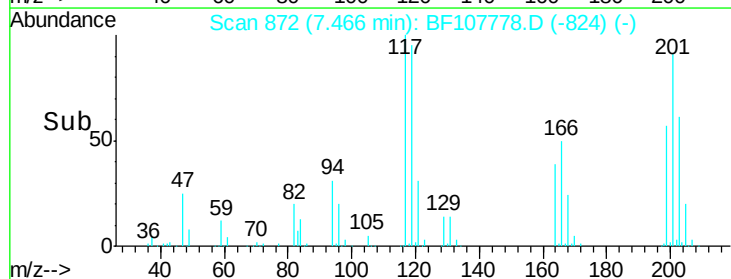
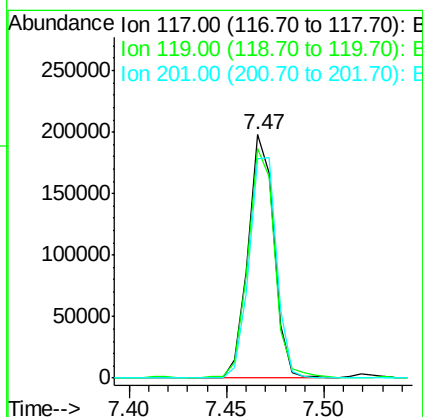
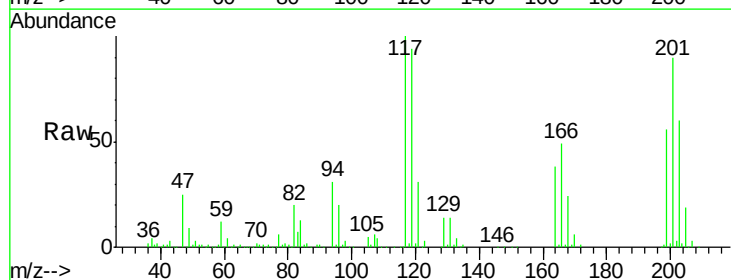
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

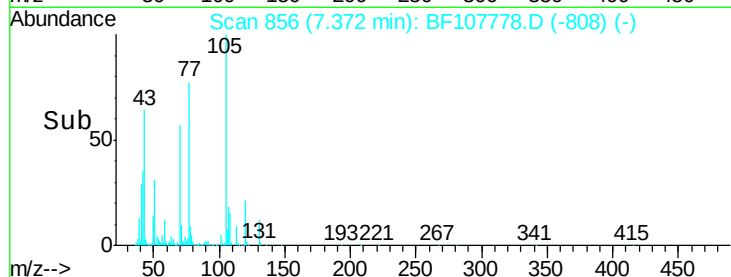
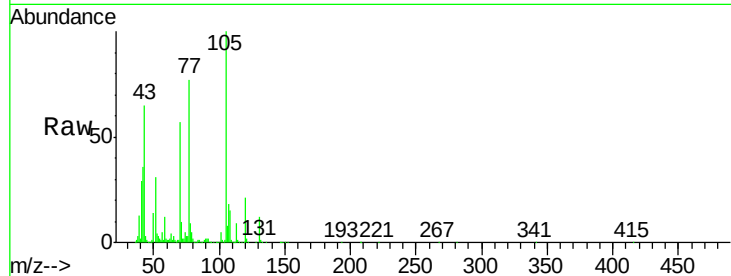
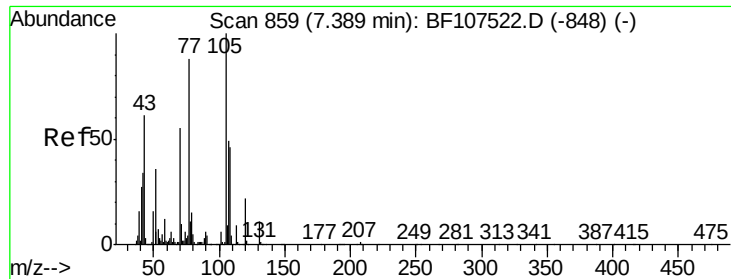
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.7	137.5
77	96.0	33.8	50.8#
79	85.3	33.8	50.8#



#18
 Hexachloroethane
 Concen: 37.736 ng
 RT: 7.47 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	90.0	75.7	113.5

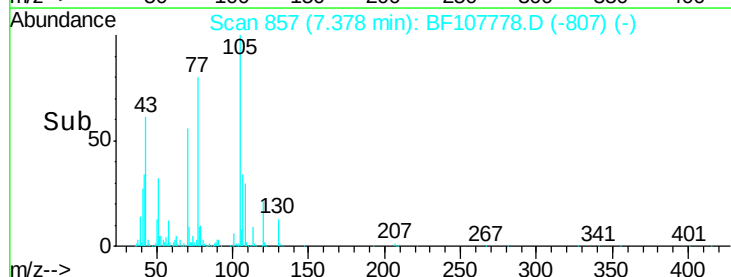
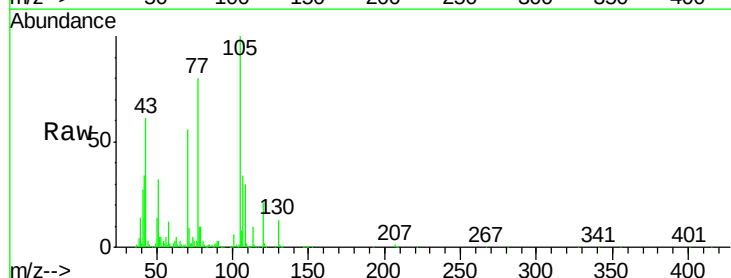
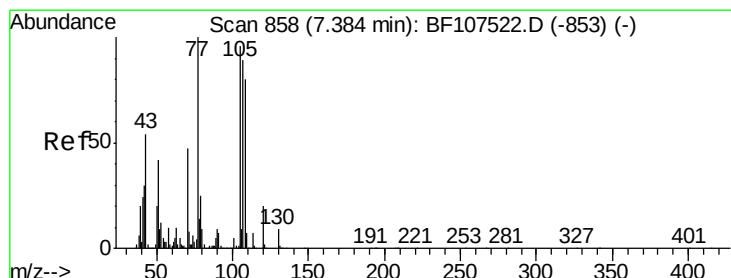
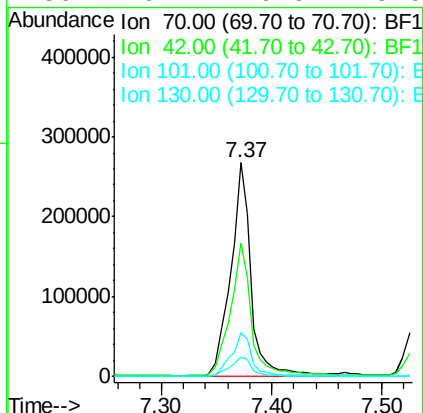




#19
n-Nitroso-di-n-propylamine
Concen: 40.583 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

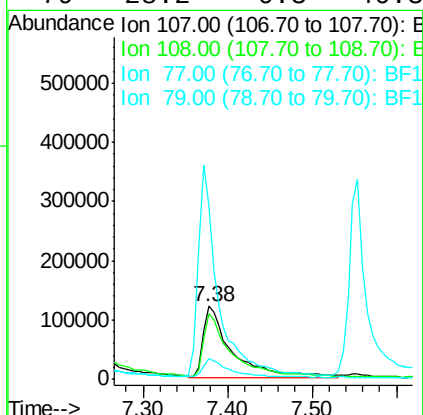
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

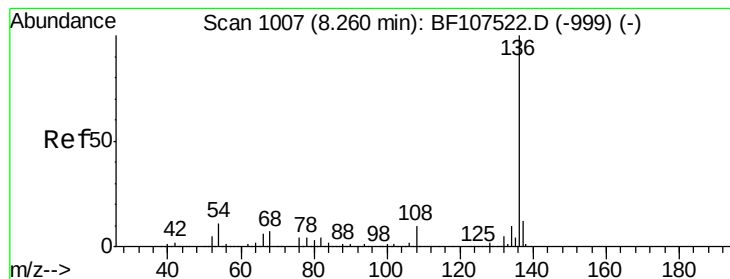
Tgt Ion:	70	Resp:	349437
Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	9.1	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 24.619 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:	107	Resp:	295491
Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	236.7	26.7	66.7#
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

Tgt Ion:136 Resp: 660447

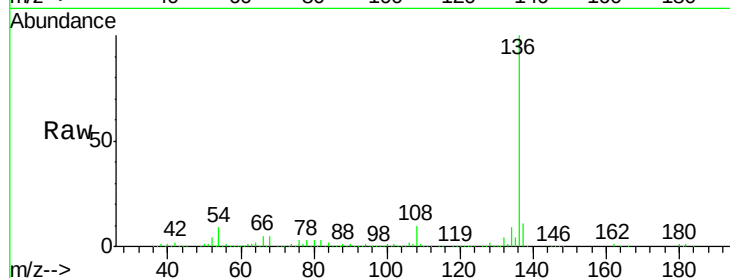
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.5 6.6 9.8

68 5.2 5.0 7.4

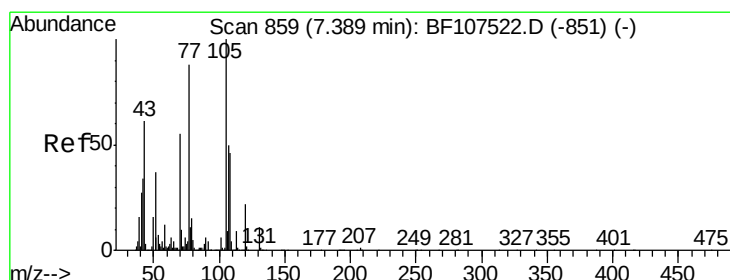
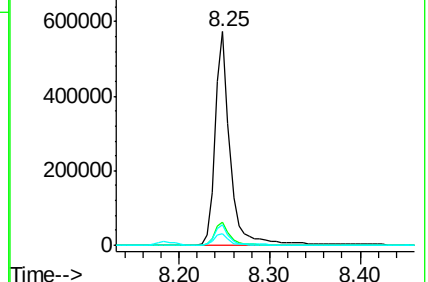
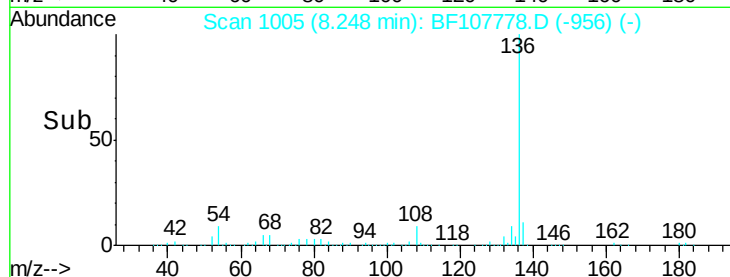


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.734 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Tgt Ion:105 Resp: 740390

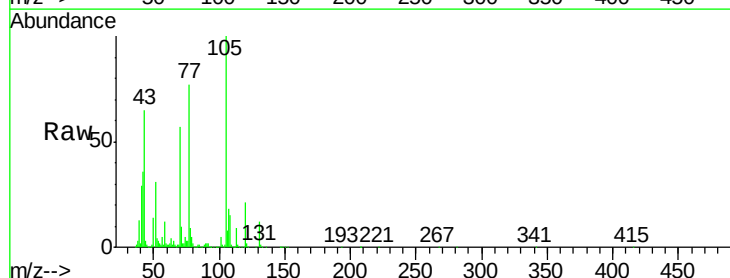
Ion Ratio Lower Upper

105 100

71 10.0 4.4 6.6#

51 30.9 22.3 33.5

120 21.3 16.9 25.3

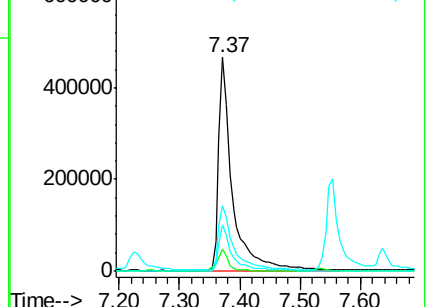
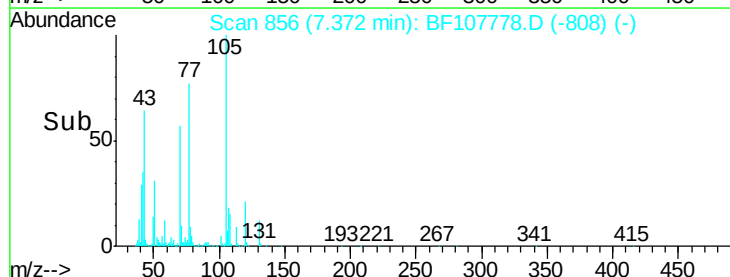


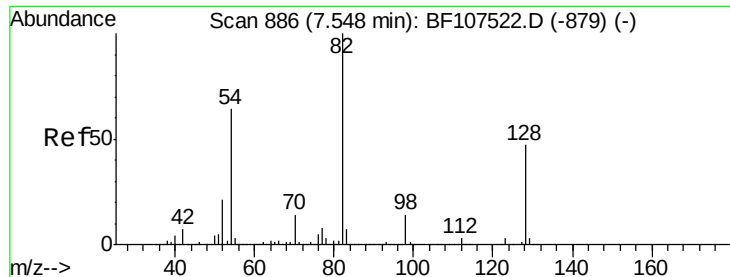
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

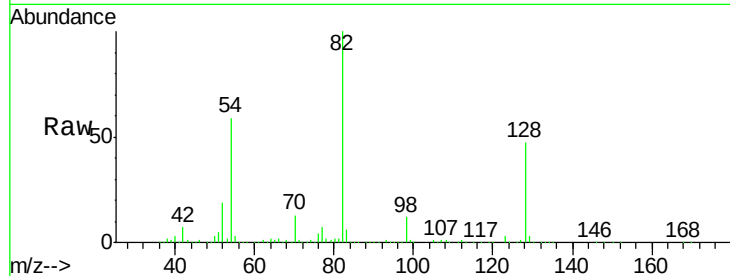




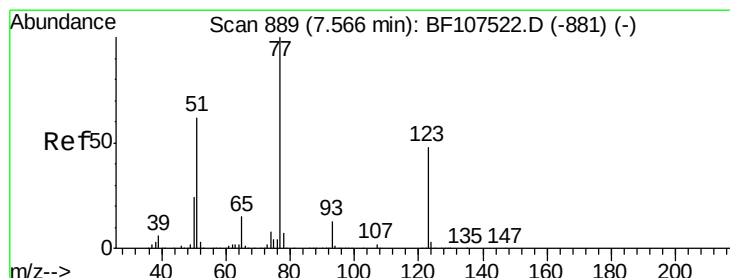
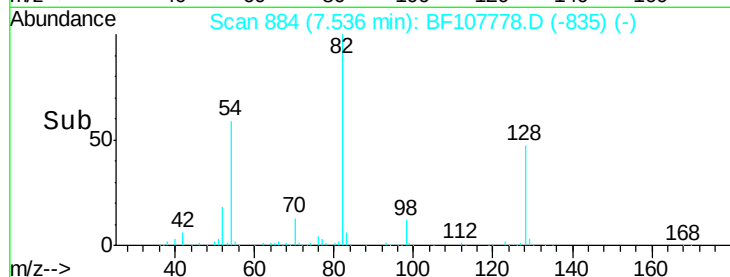
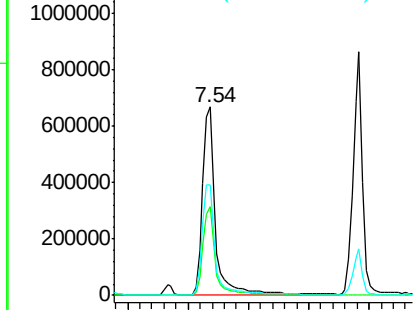
#23
 Nitrobenzene-d5
 Concen: 104.108 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tgt Ion: 82 Resp: 1018825
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 59.1 41.4 62.2

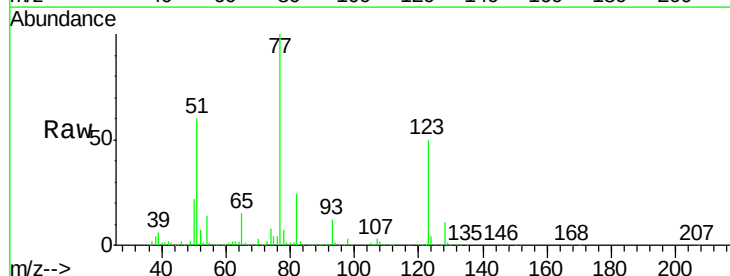


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

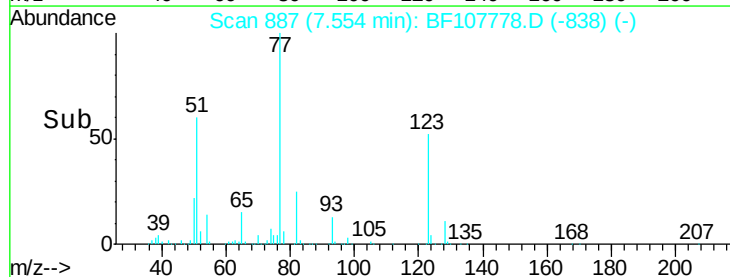
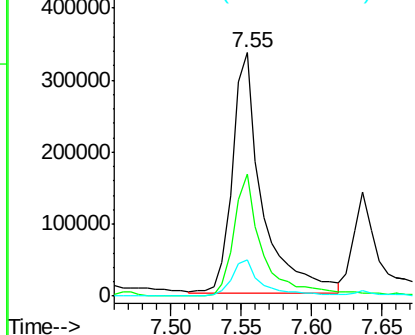


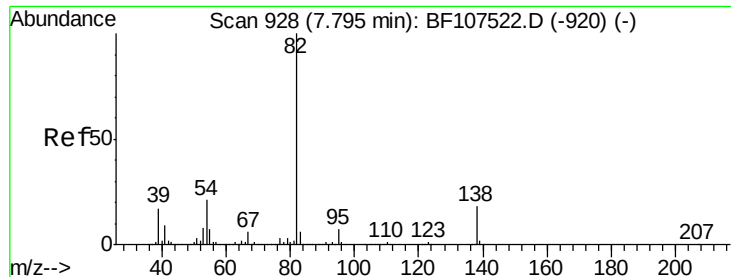
#24
 Nitrobenzene
 Concen: 44.171 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion: 77 Resp: 495104
 Ion Ratio Lower Upper
 77 100
 123 50.2 37.9 56.9
 65 15.0 11.0 16.4



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





#25

Isophorone

Concen: 45.331 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

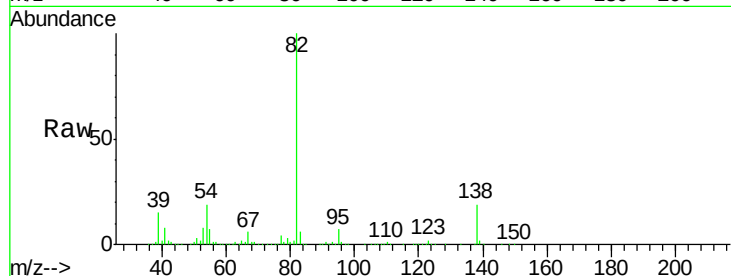
Tgt Ion: 82 Resp: 947196

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

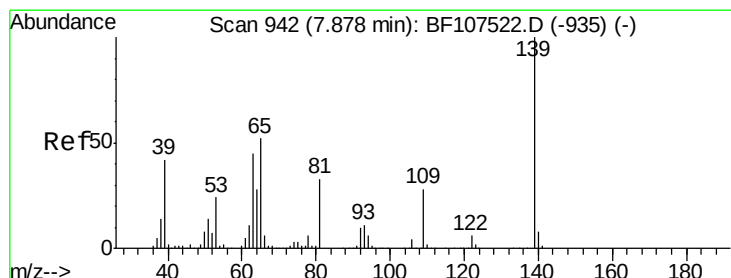
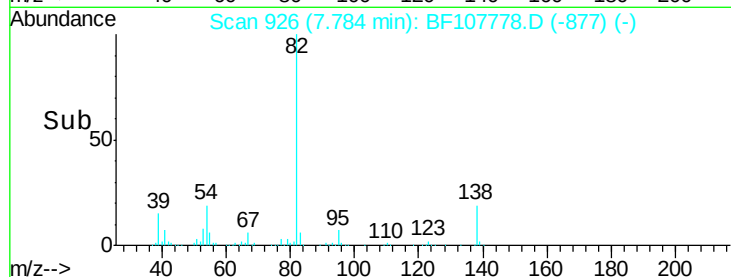
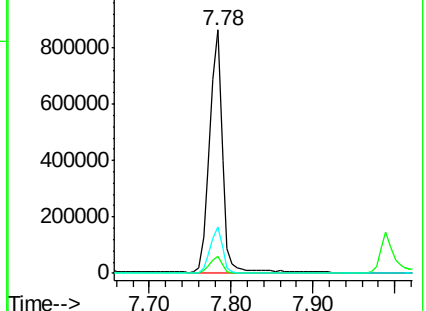
138 19.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.758 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

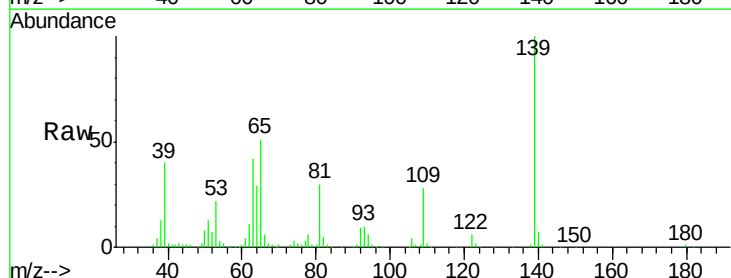
Tgt Ion: 139 Resp: 268659

Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

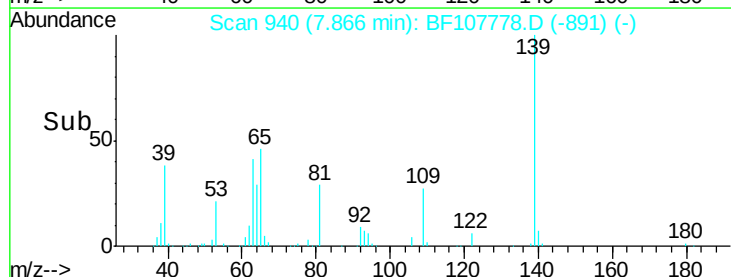
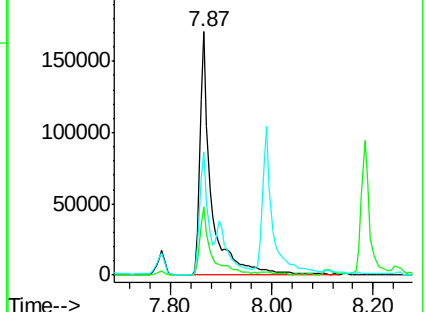
65 50.5 40.5 60.7

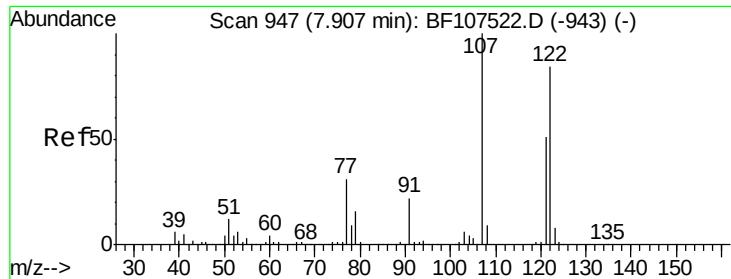


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

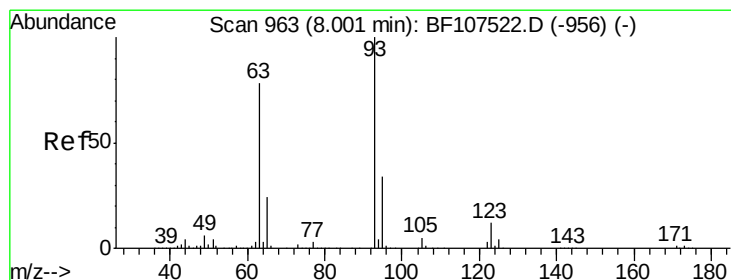
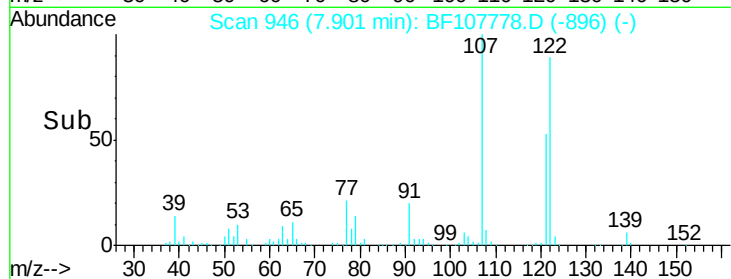
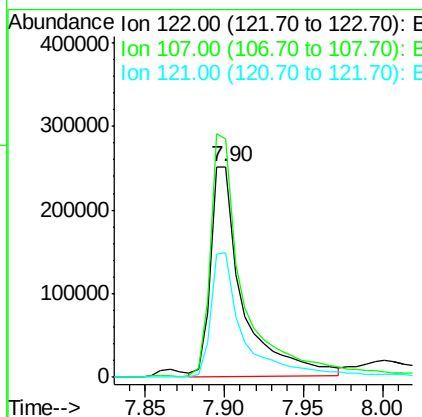
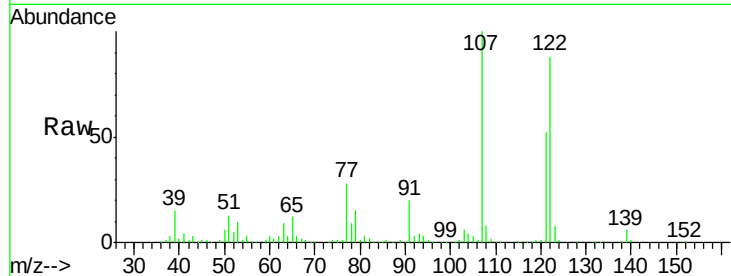




#27
 2,4-Dimethylphenol
 Concen: 39.847 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

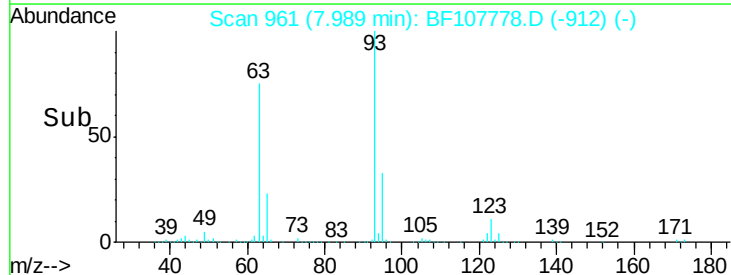
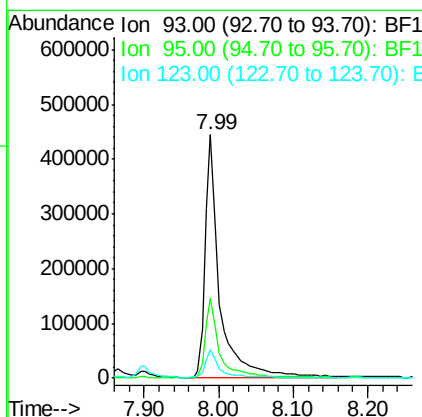
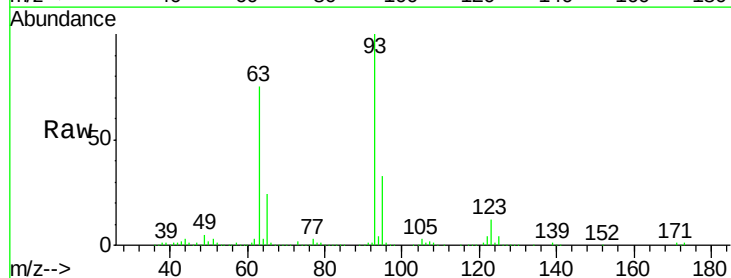
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

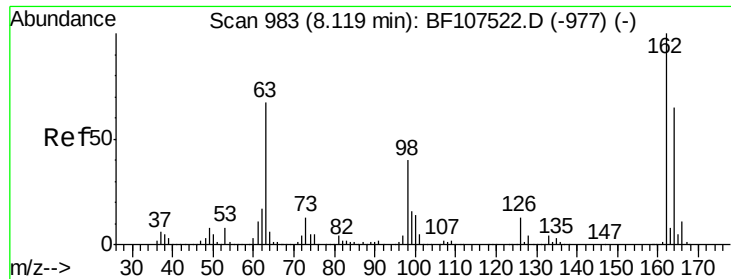
Tgt Ion: 122 Resp: 357021
 Ion Ratio Lower Upper
 122 100
 107 113.1 91.2 136.8
 121 59.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.867 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion: 93 Resp: 598597
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.7 9.8 14.6

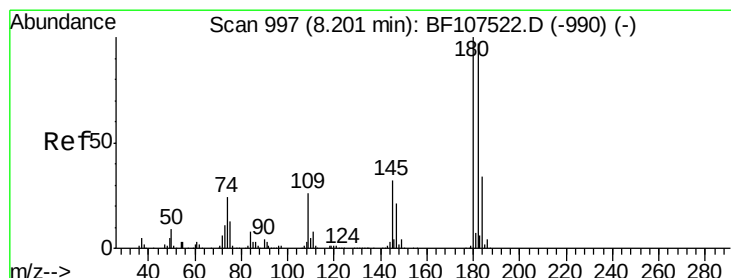
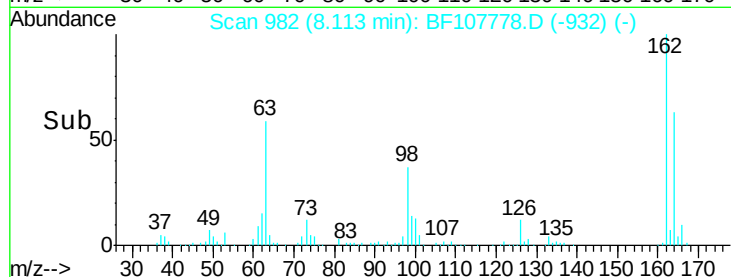
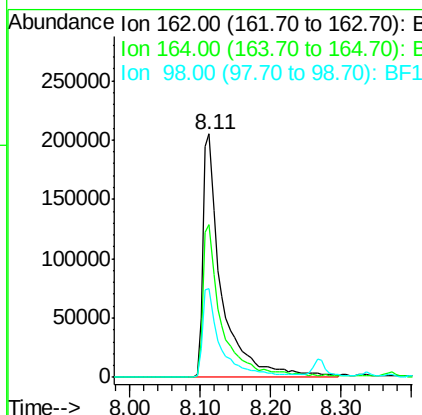
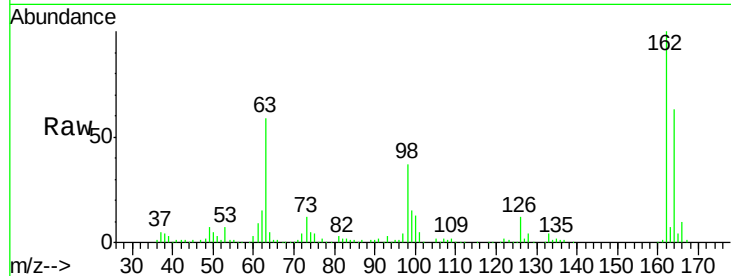




#29
2,4-Dichlorophenol
Concen: 41.301 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

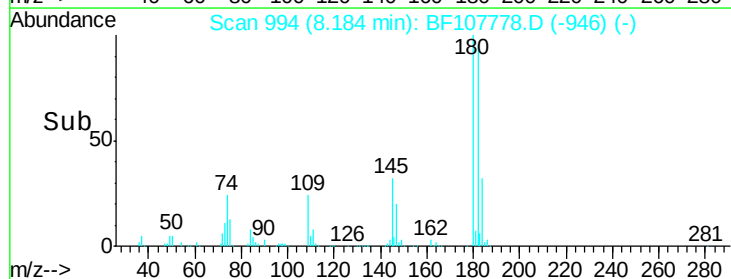
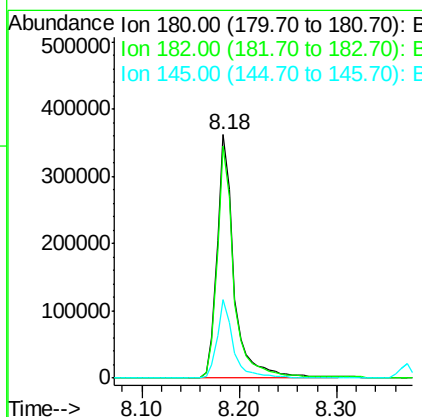
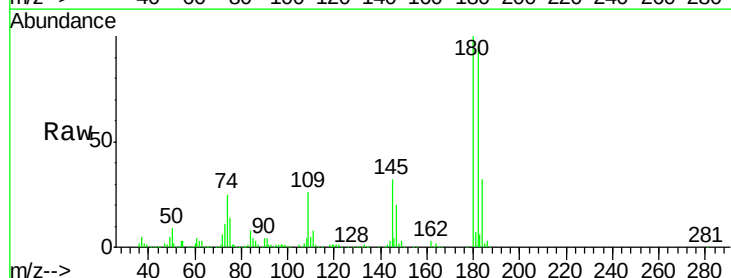
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

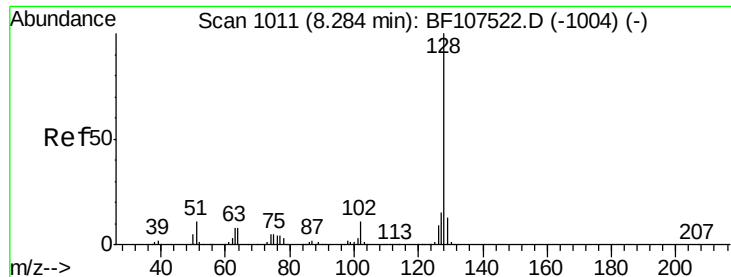
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.7	82.7
98	36.6	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 42.740 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	32.2	26.5	39.7

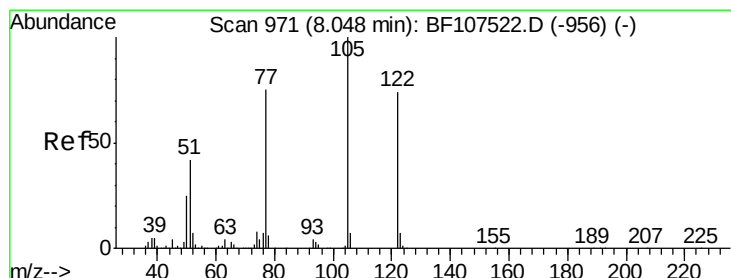
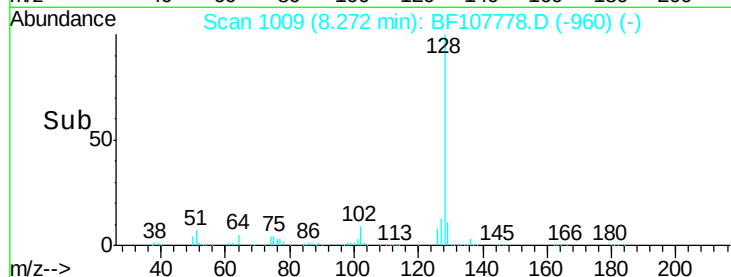
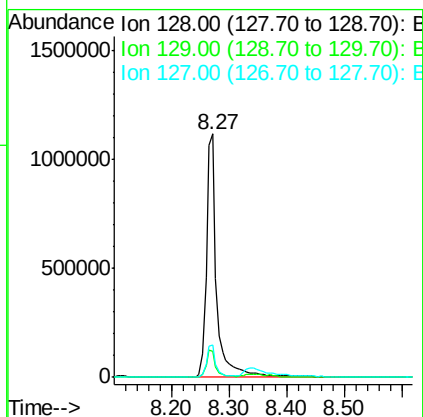
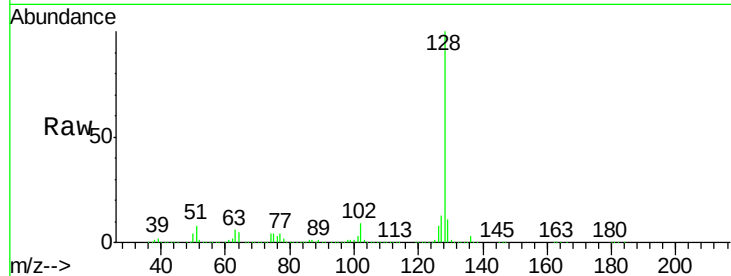




#31
Naphthalene
Concen: 49.086 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

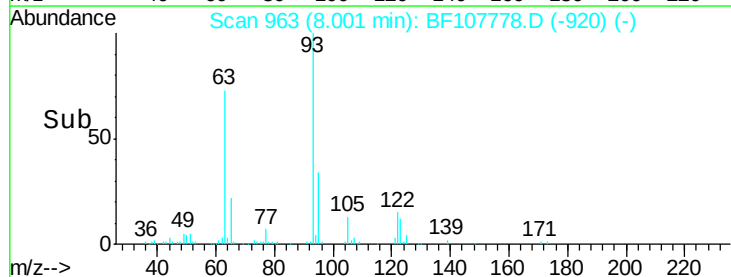
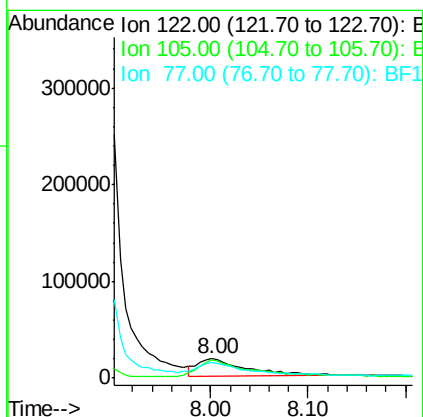
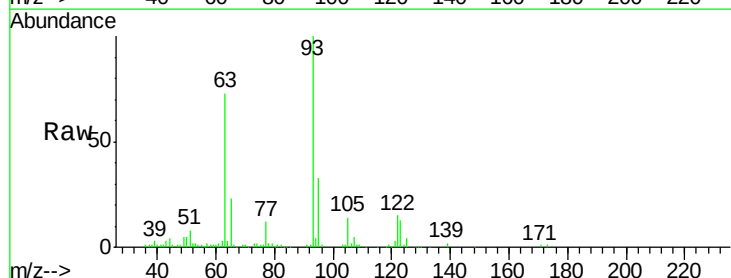
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

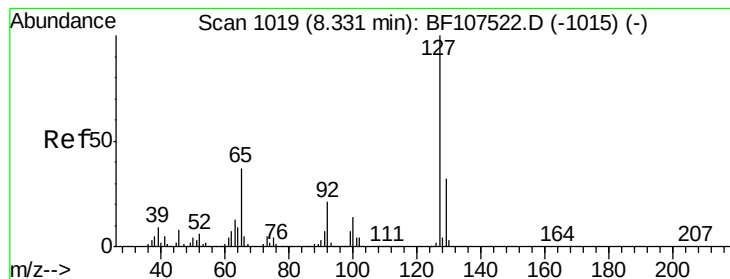
Tgt Ion:128 Resp: 1425597
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 16.265 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:122 Resp: 62634
Ion Ratio Lower Upper
122 100
105 97.9 101.1 141.1#
77 82.4 70.7 110.7





#33

4-Chloroaniline

Concen: 11.905 ng

RT: 8.34 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

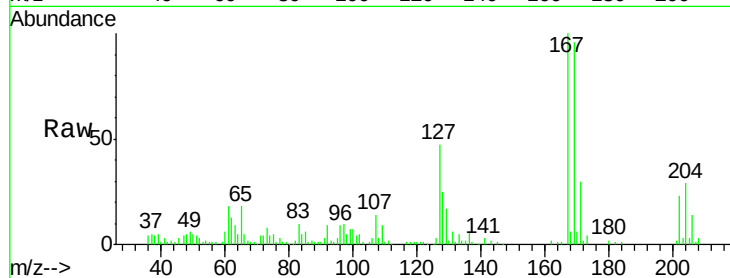
Instrument :

BNA_F

ClientSampleId :

MW-33MSD

Tgt Ion:	127	Resp:	151117
Ion	Ratio	Lower	Upper
127	100		
129	37.0	25.9	38.9
65	39.2	25.0	37.4#
92	18.2	15.2	22.8

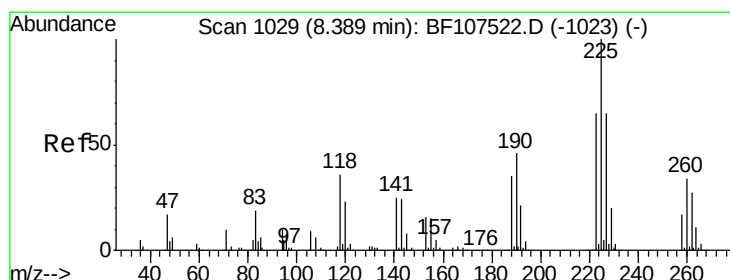
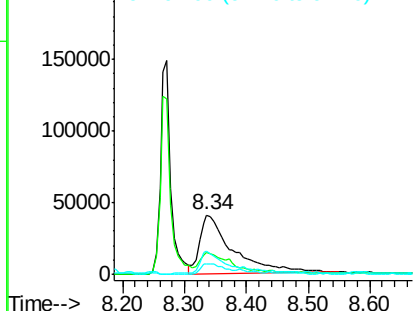
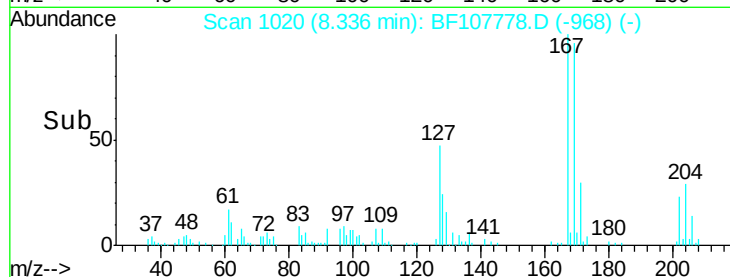


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.287 ng

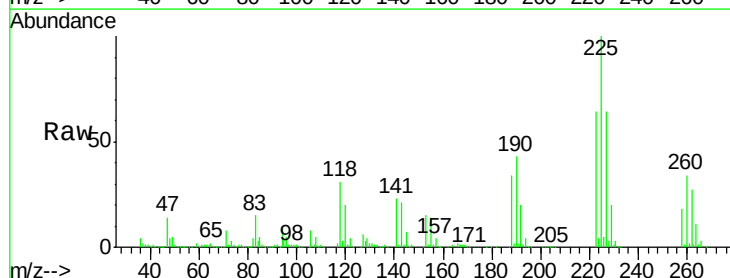
RT: 8.37 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

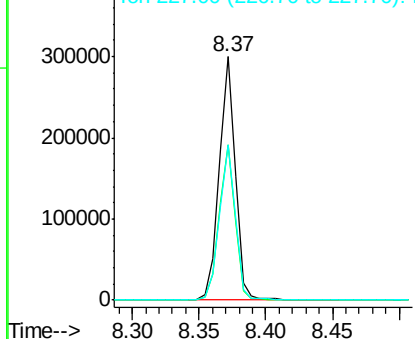
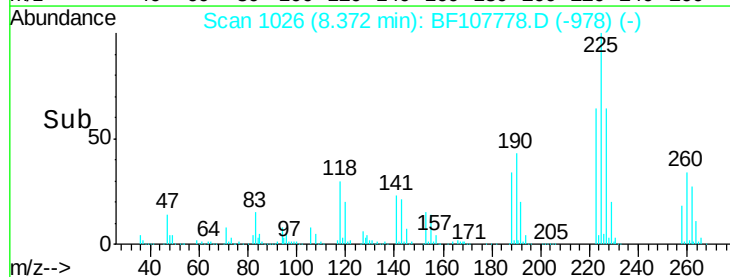
Tgt Ion:	225	Resp:	258454
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.0	51.9	77.9

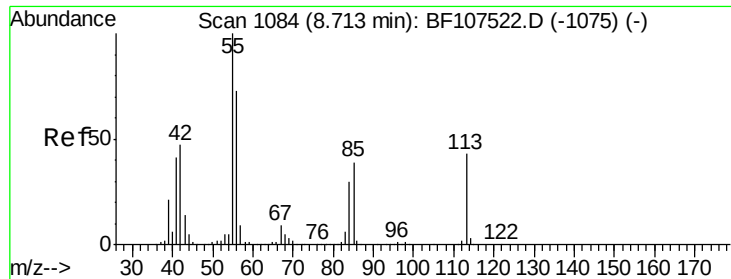


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

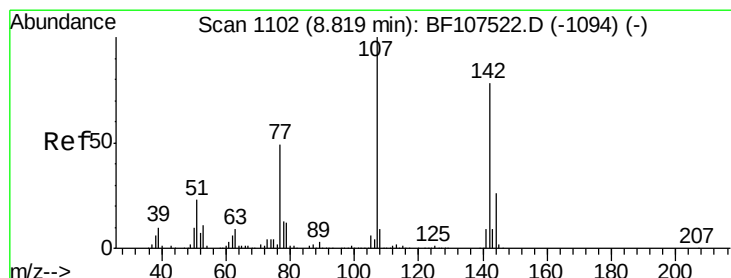
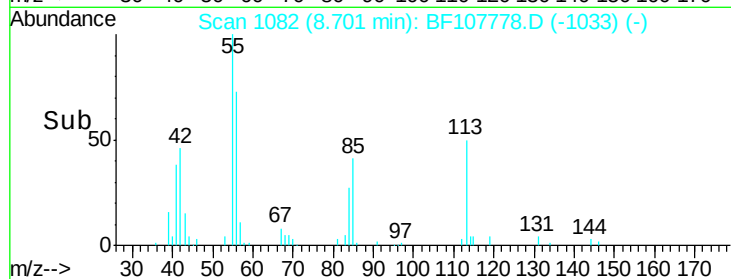
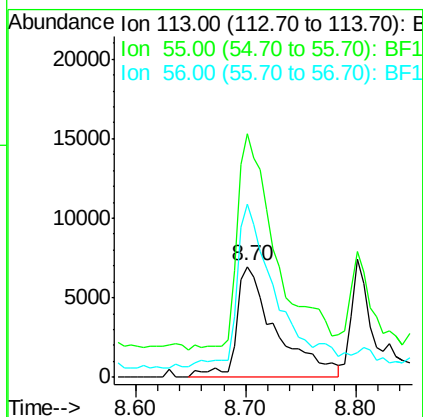
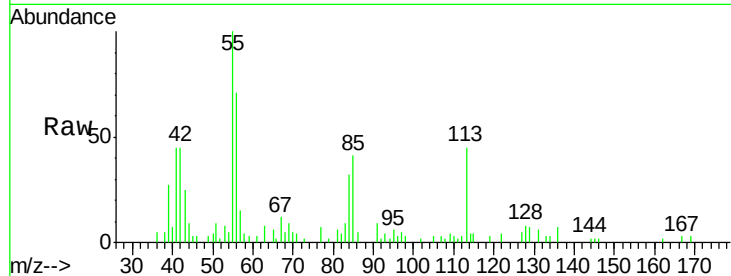




#35
 Caprolactam
 Concen: 5.950 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

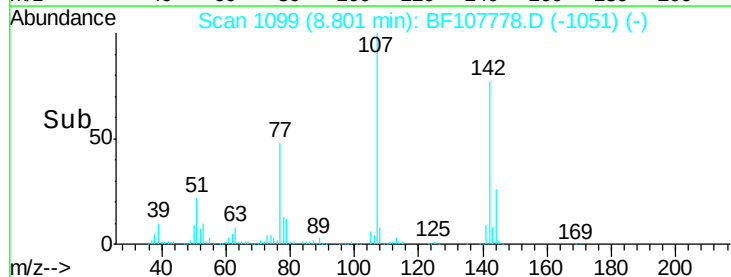
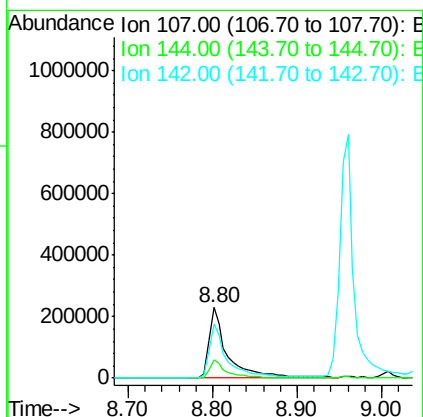
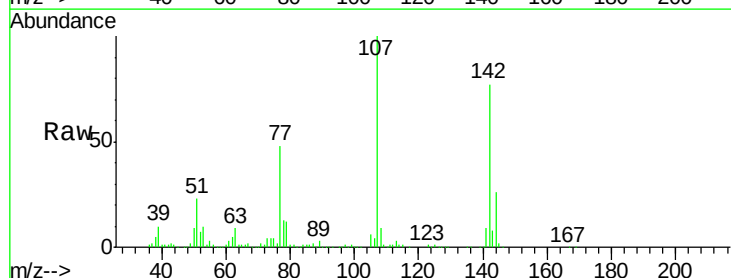
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

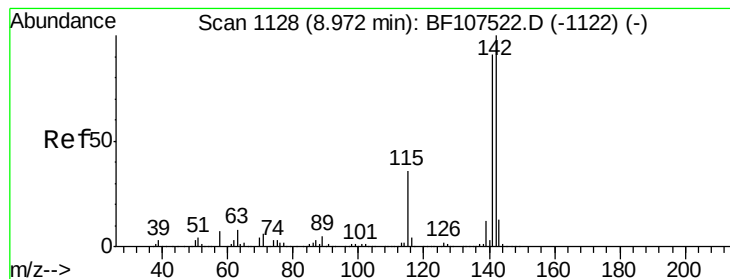
Tgt Ion:113 Resp: 17722
 Ion Ratio Lower Upper
 113 100
 55 220.2 163.3 203.3#
 56 156.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 34.545 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:107 Resp: 351416
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 77.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 46.393 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

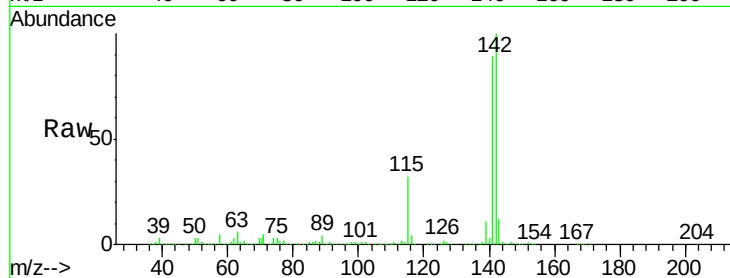
Tgt Ion:142 Resp: 933679

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

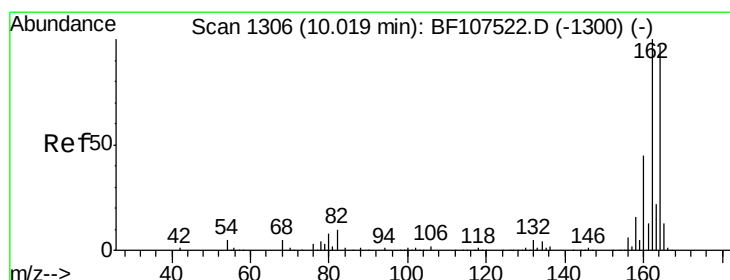
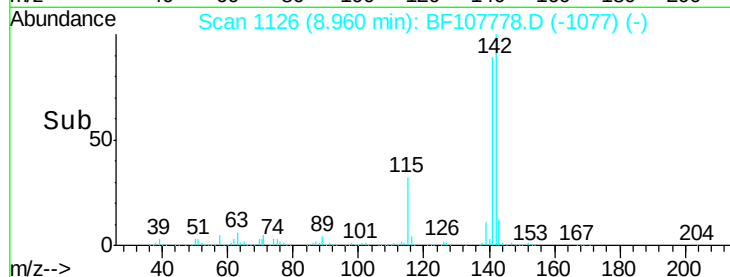
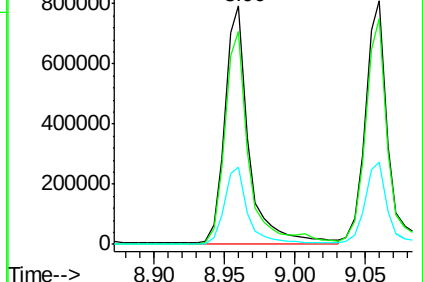
115 32.2 26.1 39.1



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: BF107778.D

Acq: 28 Jul 2018 6:30

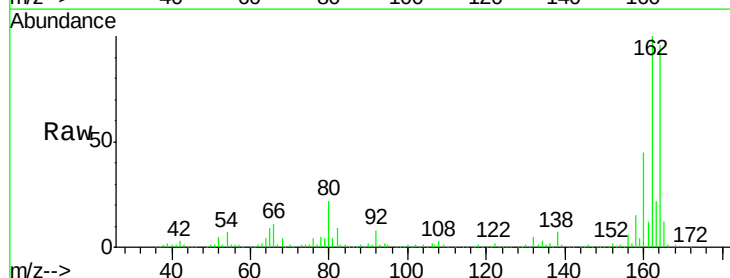
Tgt Ion:164 Resp: 259364

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

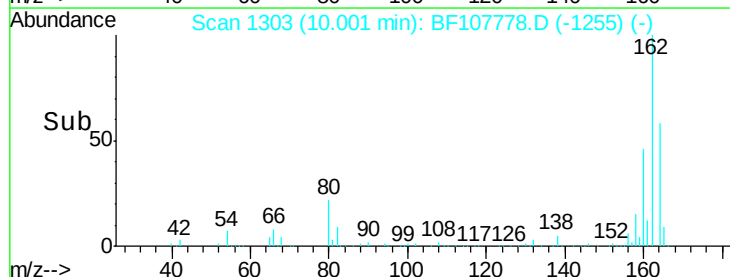
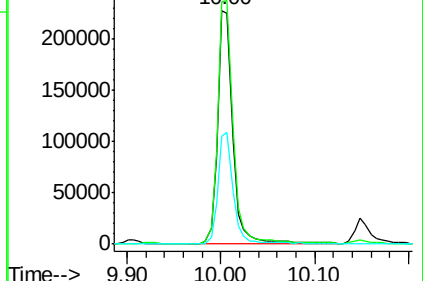
160 46.3 38.3 57.5

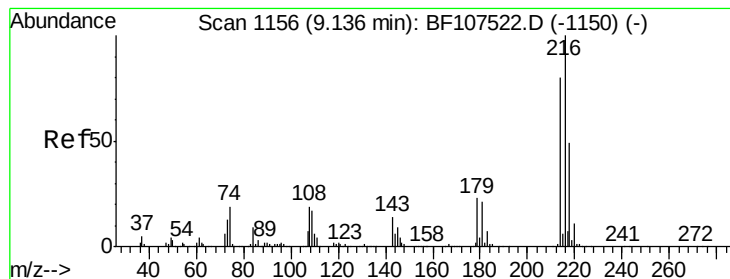


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.099 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

Tgt Ion:216 Resp: 442048

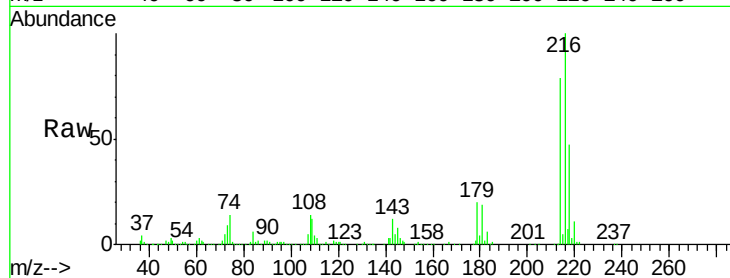
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.5 18.1 27.1

108 15.5 17.2 25.8#

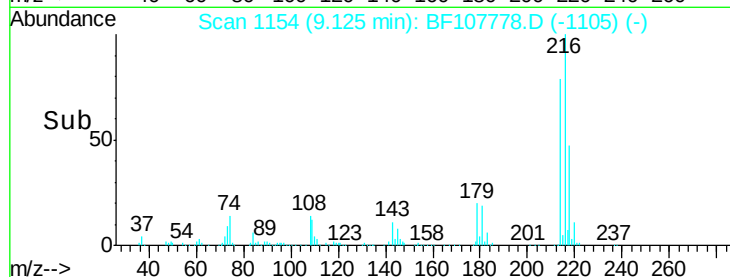


Abundance Ion 216.00 (215.70 to 216.70): E

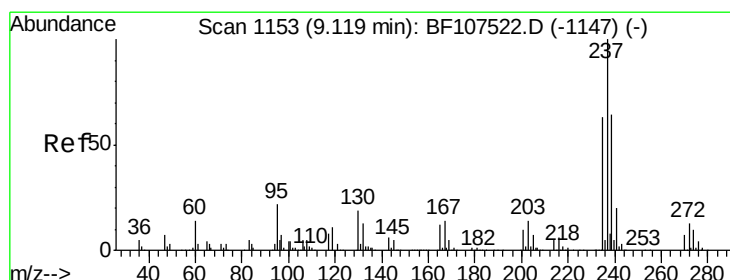
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 9.00 9.10 9.20 9.30



#40

Hexachlorocyclopentadiene

Concen: 12.326 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

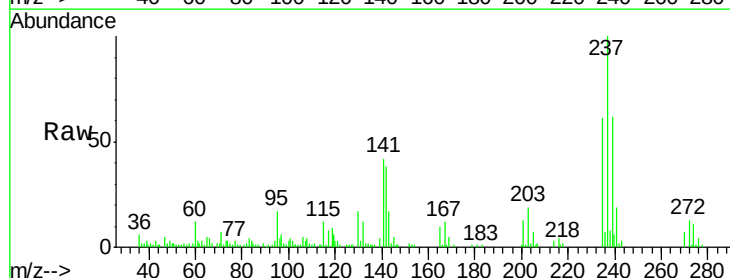
Tgt Ion:237 Resp: 54203

Ion Ratio Lower Upper

237 100

235 60.6 44.8 84.8

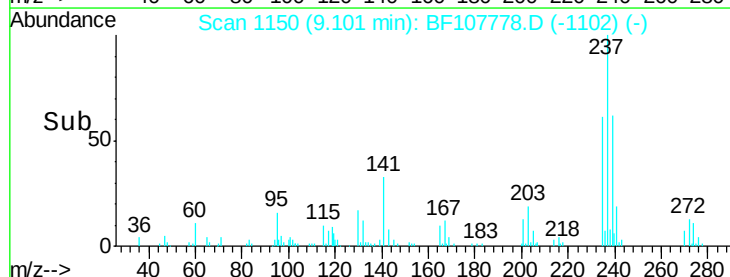
272 13.0 0.0 33.3



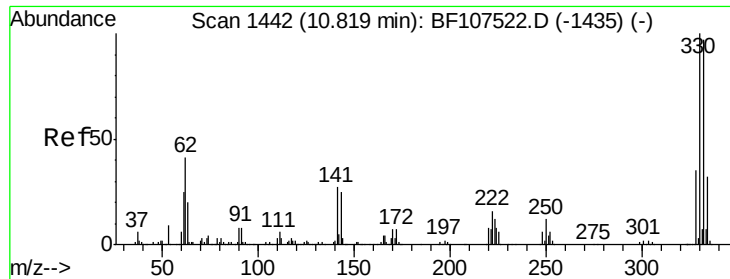
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



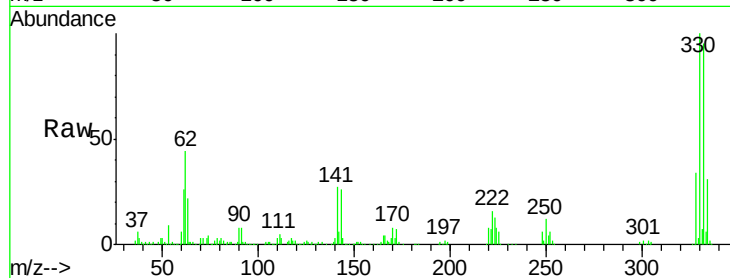
Time--> 9.05 9.10 9.15



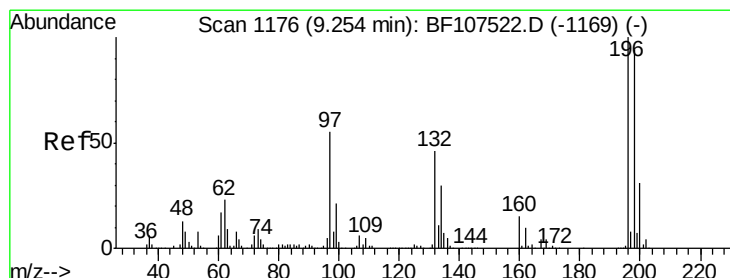
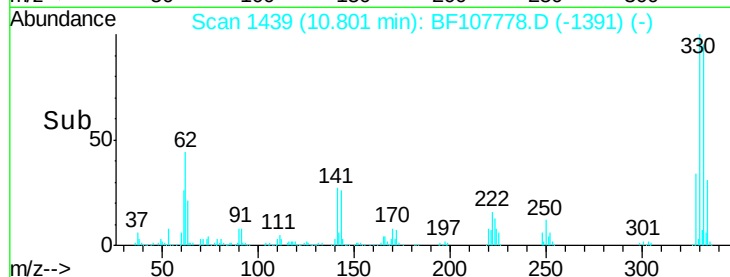
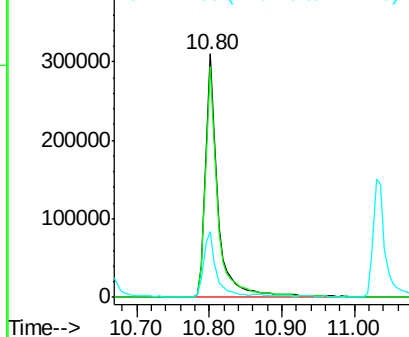
#41
 2,4,6-Tribromophenol
 Concen: 128.940 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tgt Ion: 330 Resp: 380292
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 26.2 29.9 44.9#

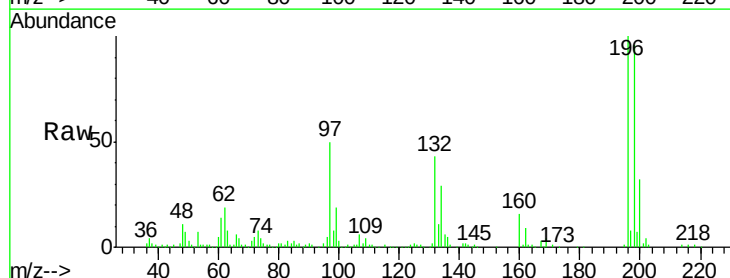


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

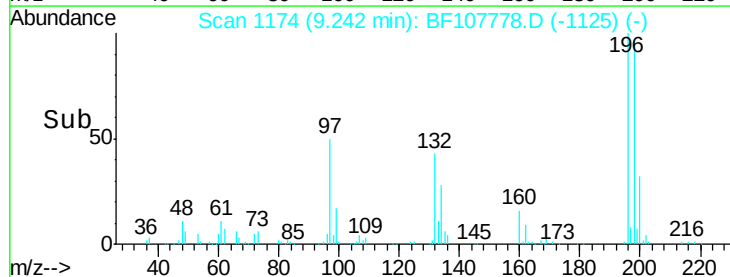
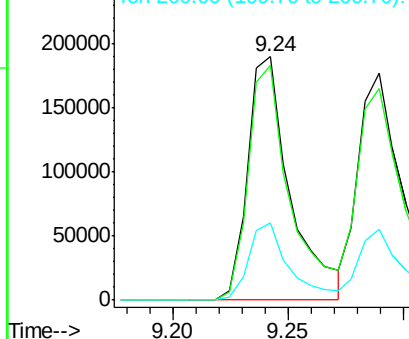


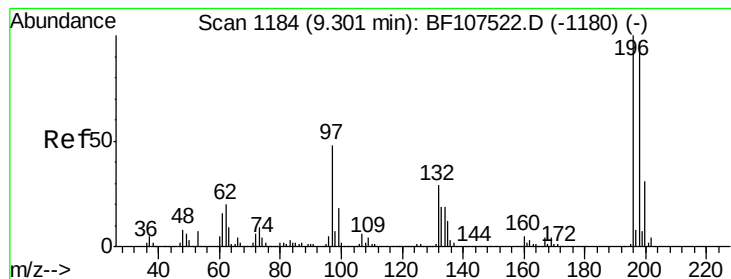
#42
 2,4,6-Trichlorophenol
 Concen: 44.114 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion: 196 Resp: 244273
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 31.6 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

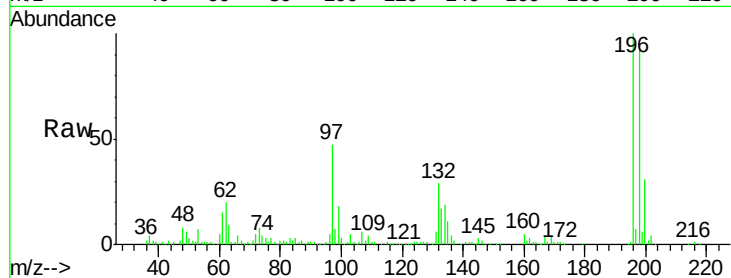




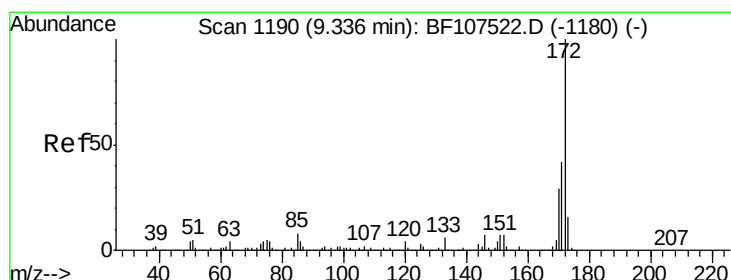
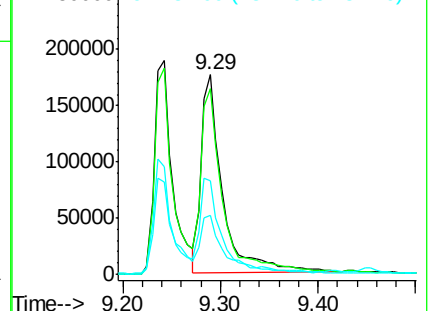
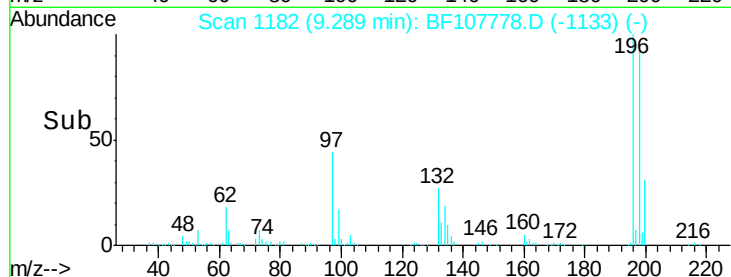
#43
 2,4,5-Trichlorophenol
 Concen: 46.099 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tgt Ion:	196	Resp:	266788
Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.6	112.0
97	47.1	42.9	64.3
132	29.3	26.3	39.5

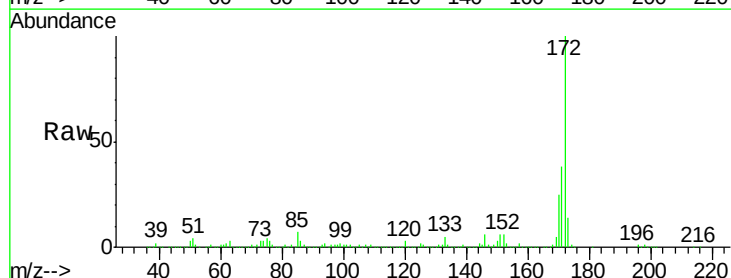


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

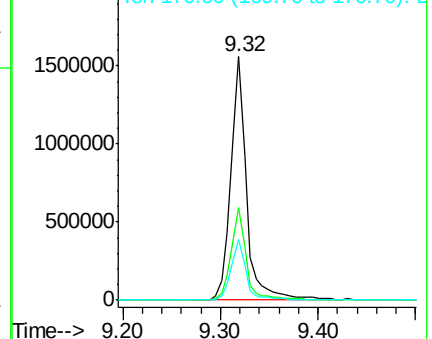
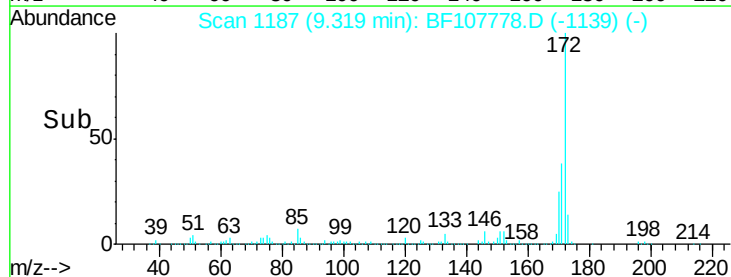


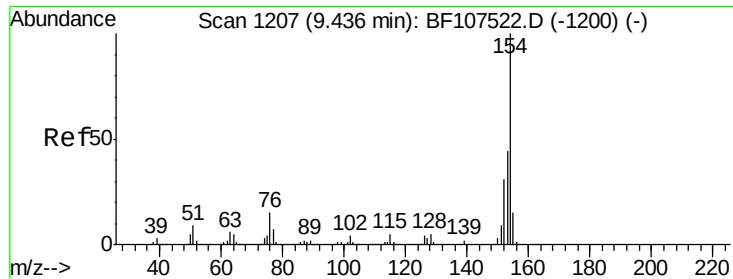
#44
 2-Fluorobiphenyl
 Concen: 136.505 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:	172	Resp:	1754712
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.0	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

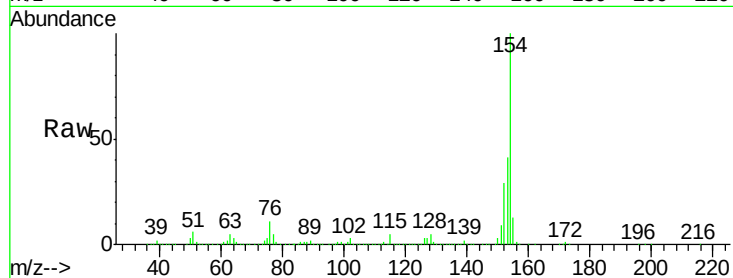




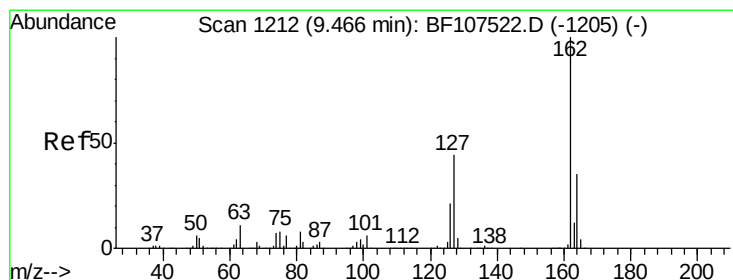
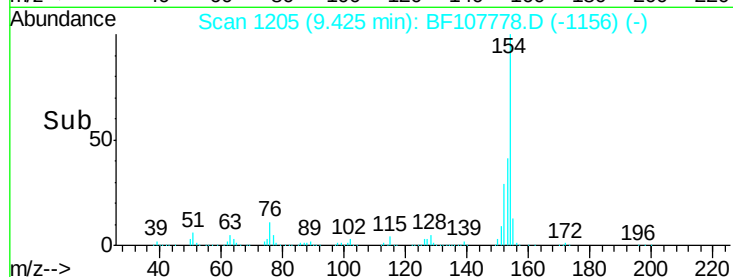
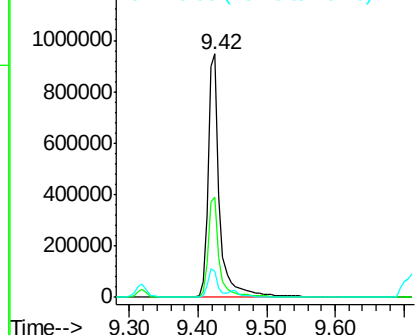
#45
 1,1'-Biphenyl
 Concen: 50.274 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tgt Ion:154 Resp: 1135873
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 10.7 0.0 34.0

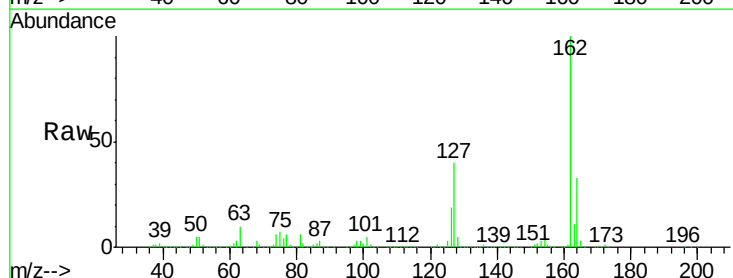


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

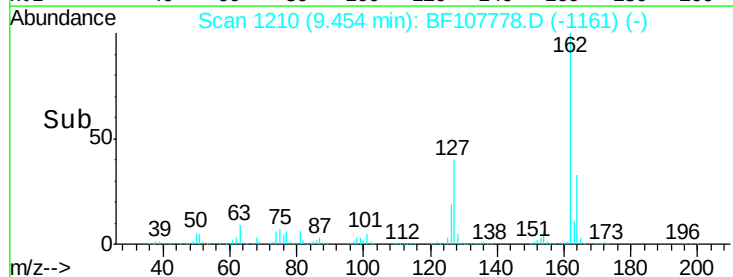
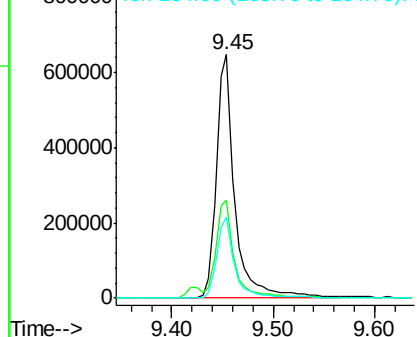


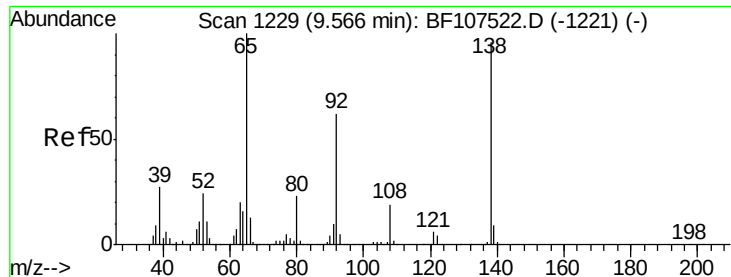
#46
 2-Chloronaphthalene
 Concen: 47.527 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:162 Resp: 820785
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.9 50.9
 164 33.2 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

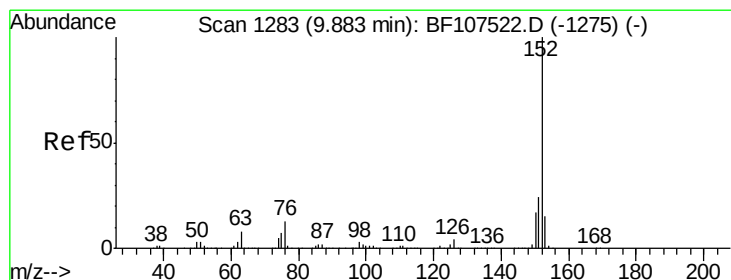
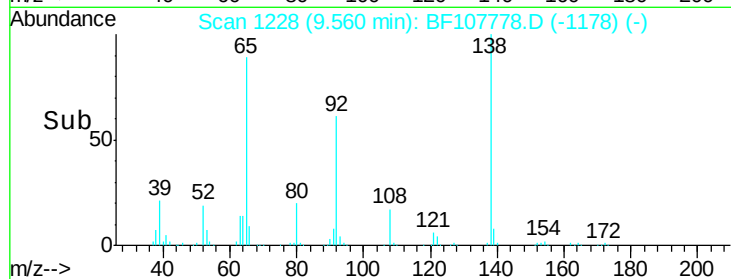
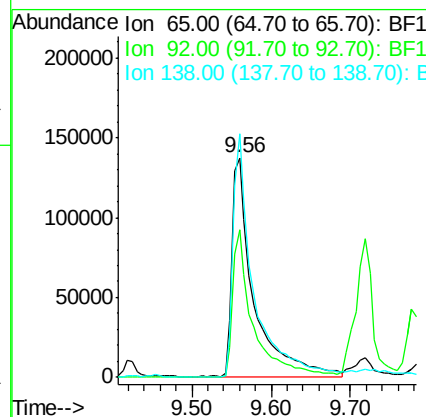
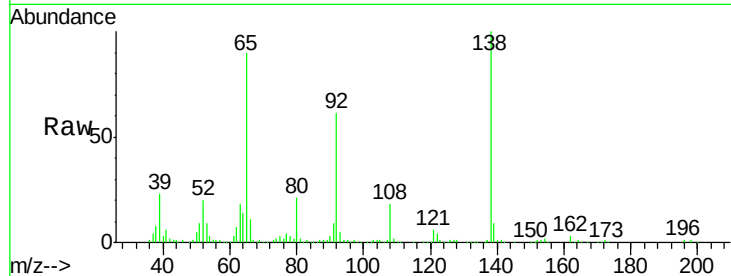




#47
2-Nitroaniline
Concen: 51.686 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

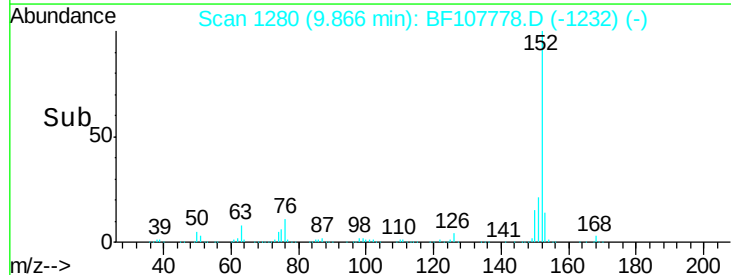
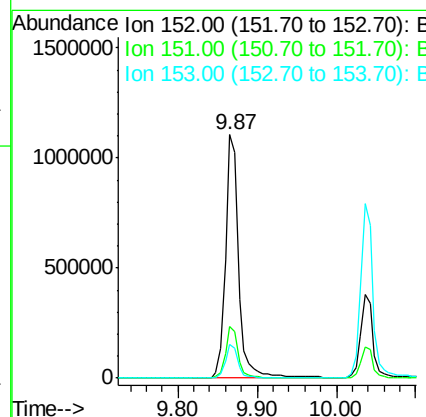
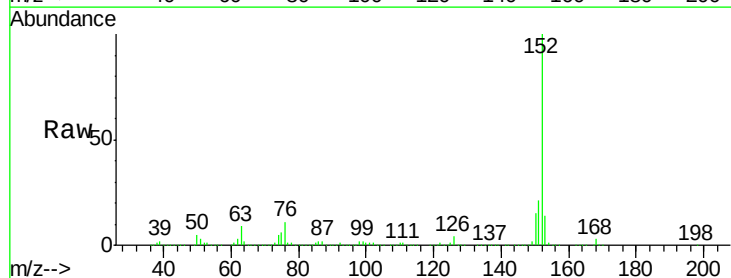
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

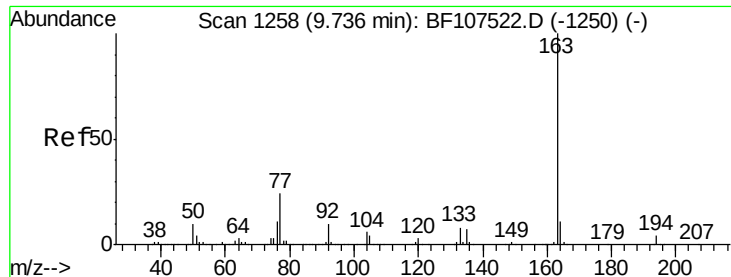
Tgt Ion: 65 Resp: 260228
Ion Ratio Lower Upper
65 100
92 67.0 55.8 83.6
138 110.8 91.2 136.8



#48
Acenaphthylene
Concen: 48.816 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion: 152 Resp: 1266418
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.7 10.7 16.1

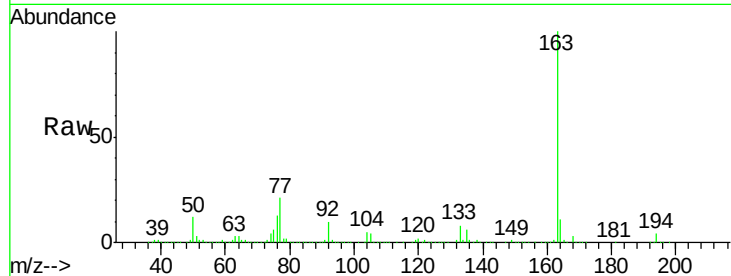




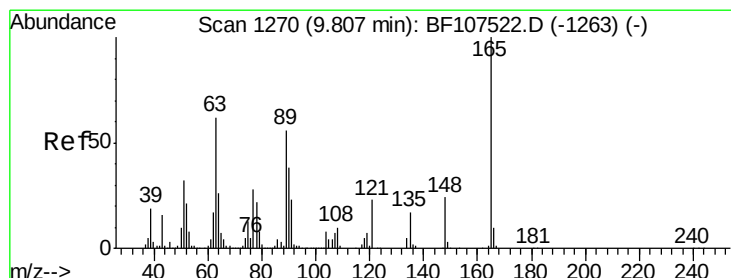
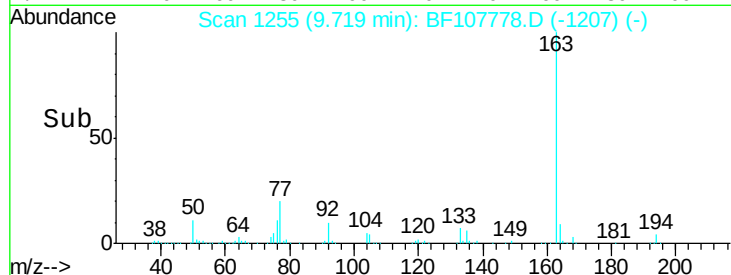
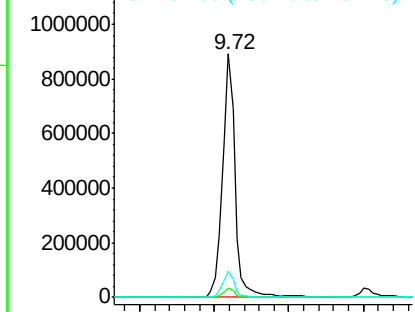
#49
Dimethylphthalate
Concen: 53.622 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tgt Ion:163 Resp: 1048169
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 8.2 12.2

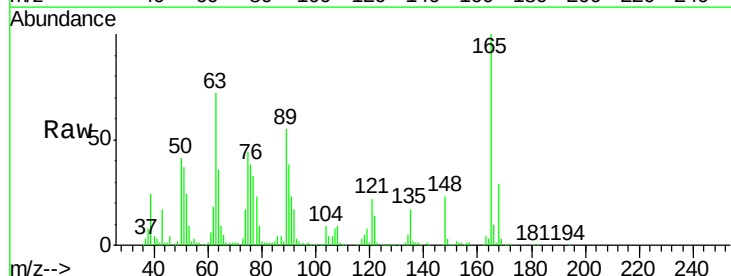


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

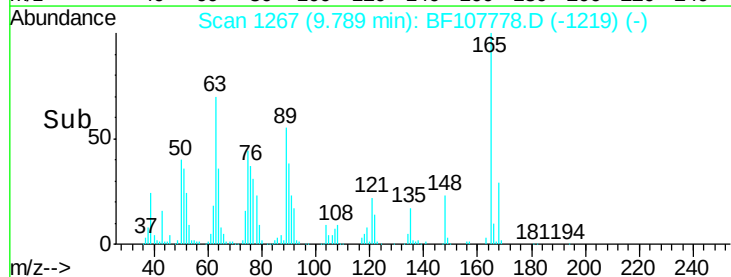
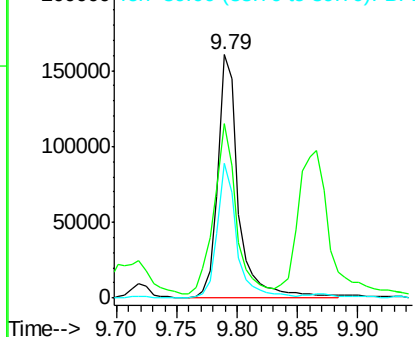


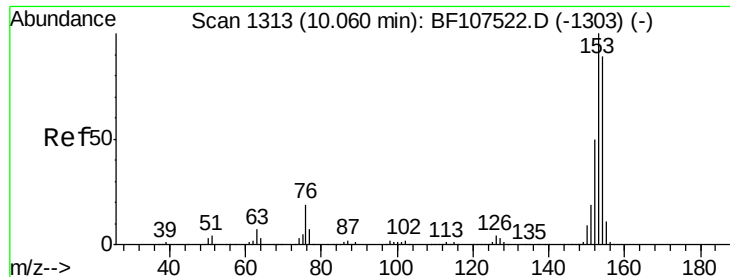
#50
2,6-Dinitrotoluene
Concen: 48.927 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:165 Resp: 189883
Ion Ratio Lower Upper
165 100
63 71.5 44.7 67.1#
89 55.4 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: 49.588 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

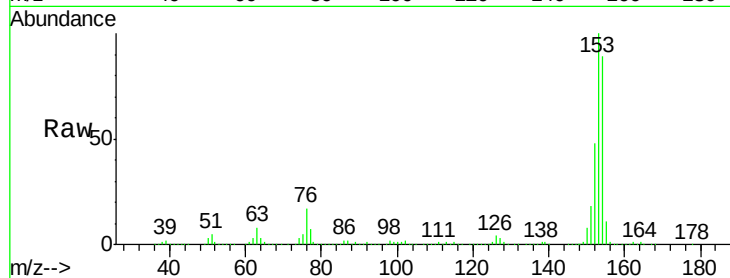
Tgt Ion:154 Resp: 806026

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

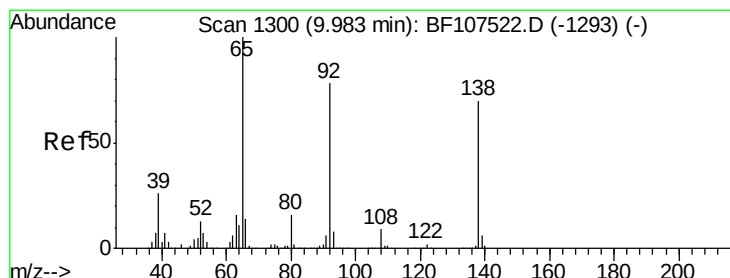
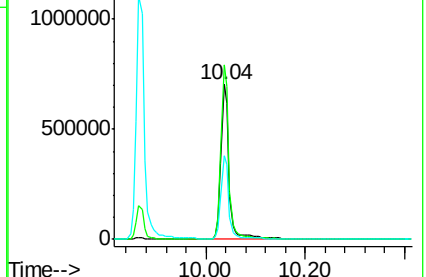
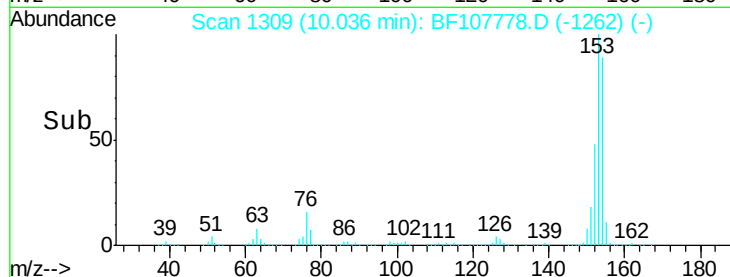
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.426 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

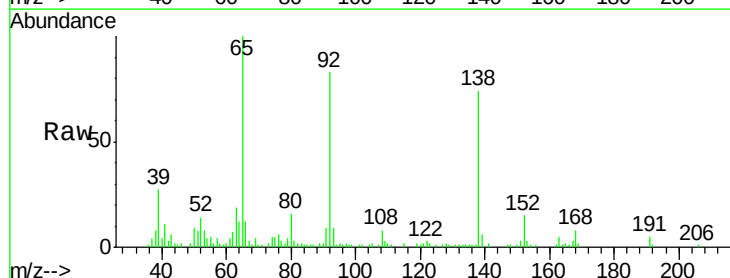
Tgt Ion:138 Resp: 86998

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

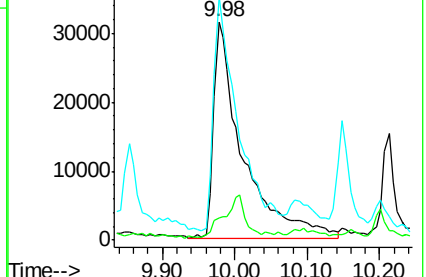
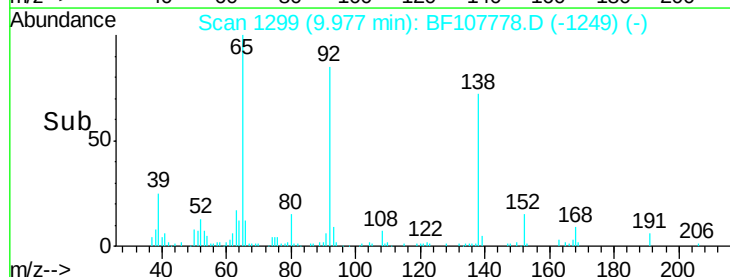
92 111.5 89.4 134.2

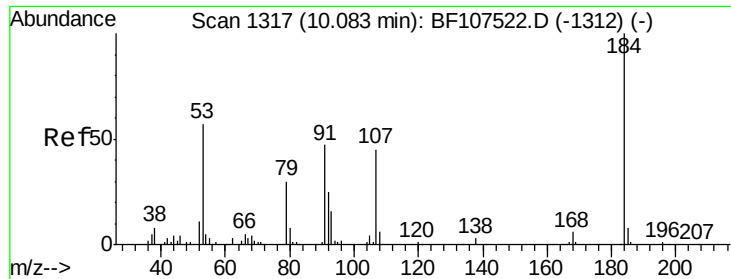


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

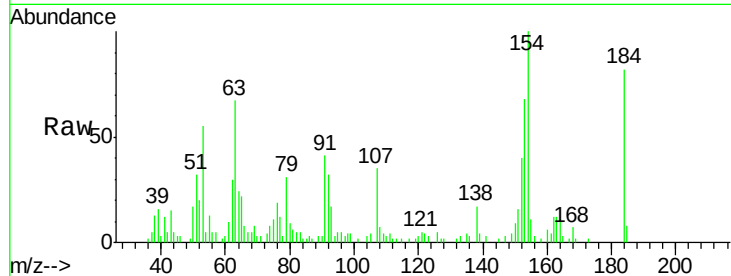




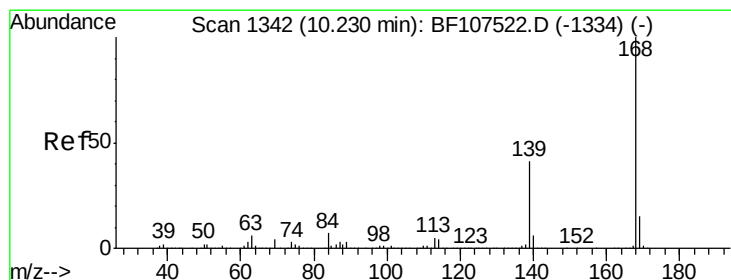
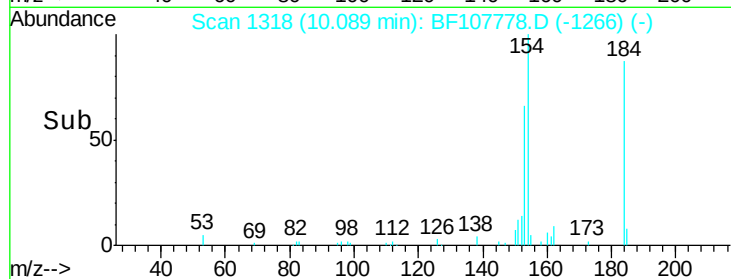
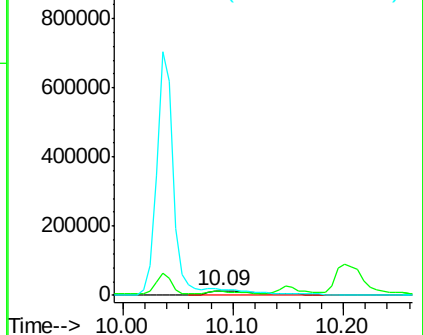
#53
2,4-Dinitrophenol
Concen: 36.661 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tgt Ion:184 Resp: 45505
Ion Ratio Lower Upper
184 100
63 82.5 54.2 81.2#
154 122.4 184.0 276.0#

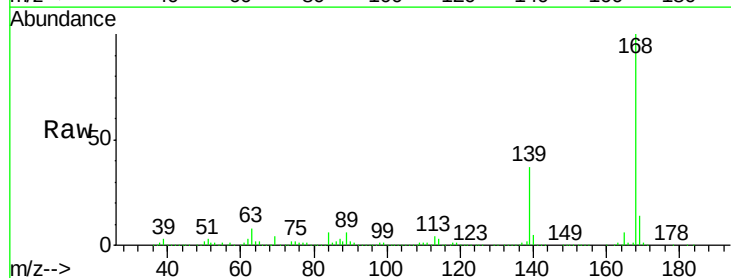


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

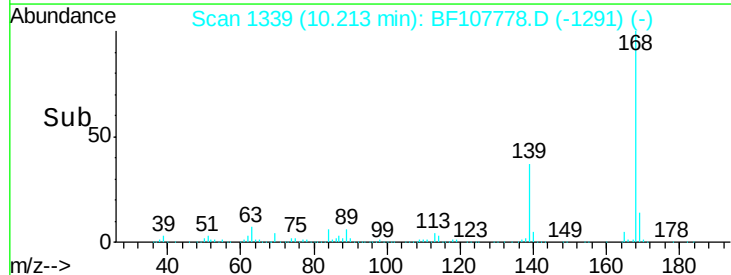
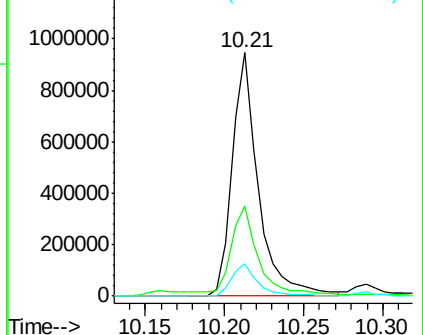


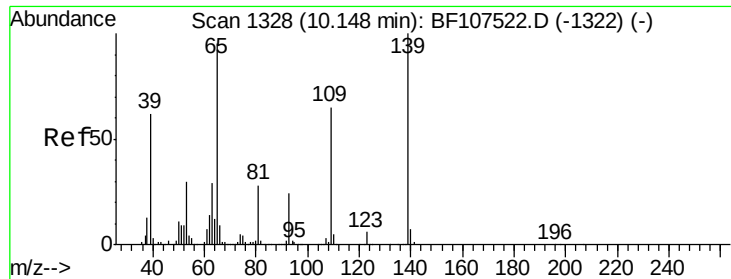
#54
Dibenzofuran
Concen: 45.244 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:168 Resp: 1082684
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.5 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

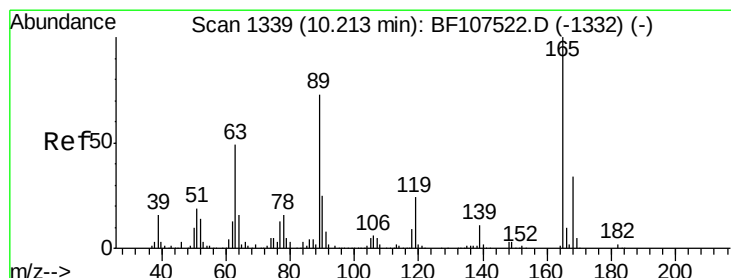
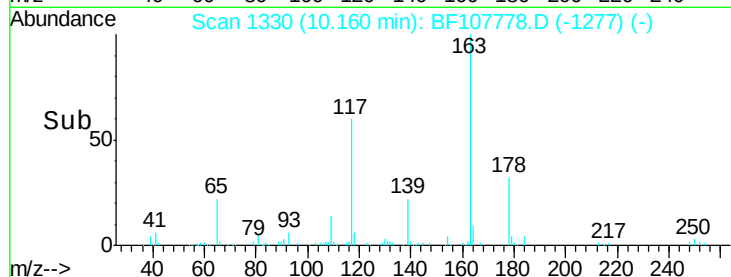
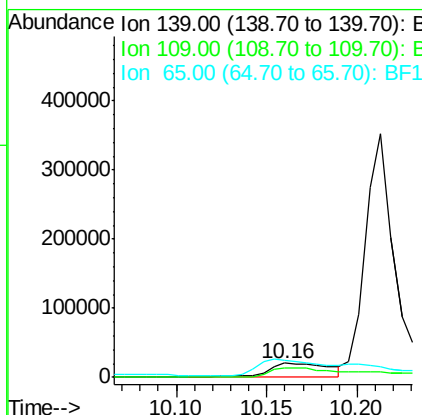
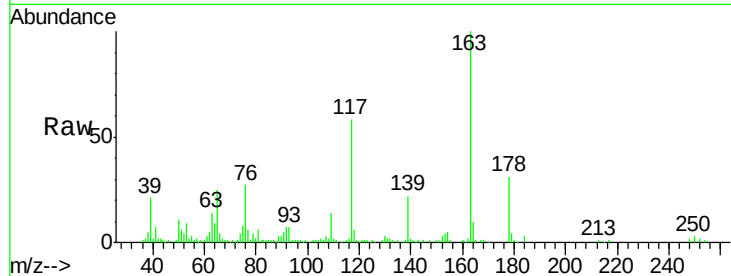




#55
4-Nitrophenol
Concen: 12.865 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

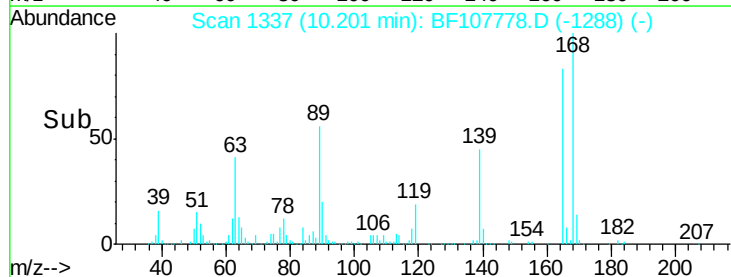
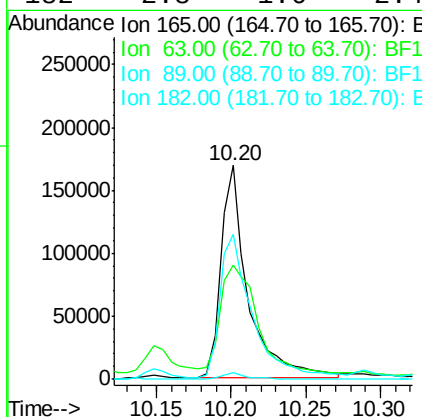
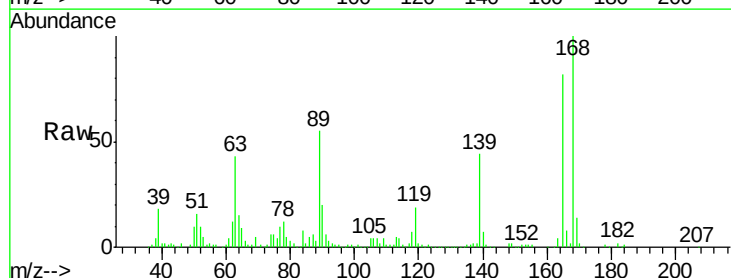
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

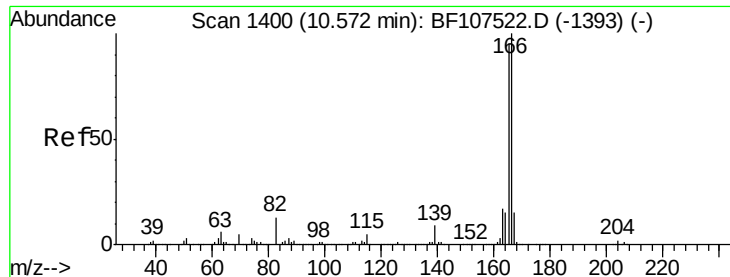
Tgt Ion:139 Resp: 45475
Ion Ratio Lower Upper
139 100
109 65.0 48.4 88.4
65 116.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 46.012 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:165 Resp: 215549
Ion Ratio Lower Upper
165 100
63 53.1 36.4 54.6
89 67.9 57.8 86.6
182 2.8 1.6 2.4#

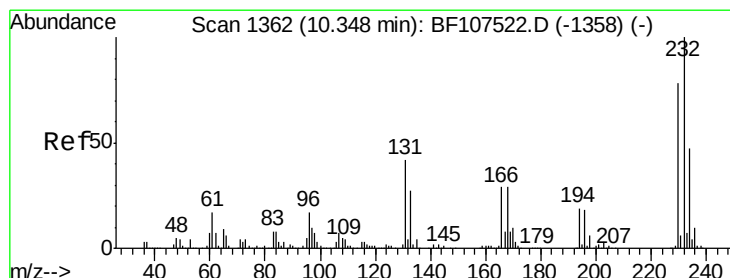
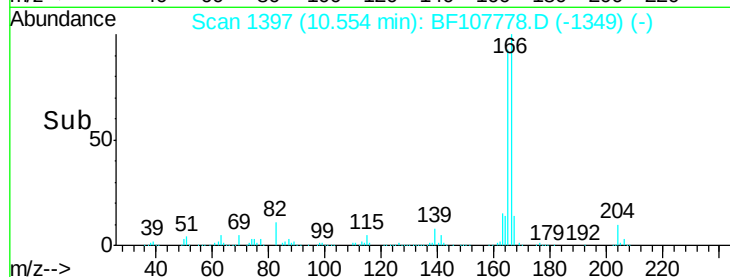
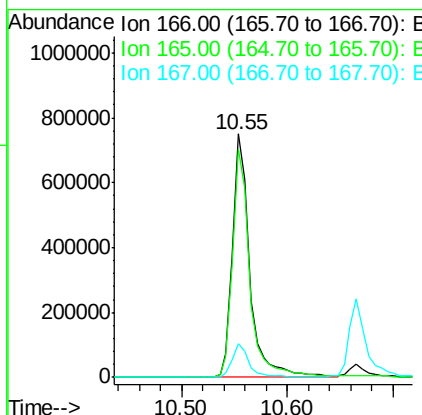
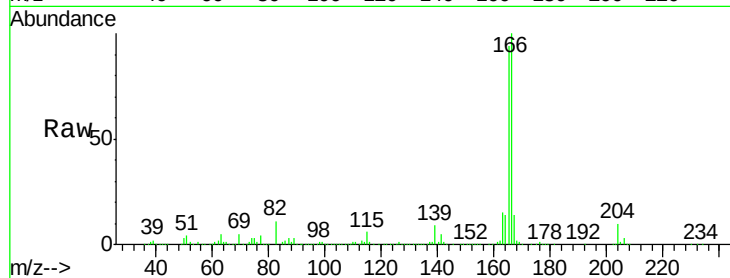




#57
 Fluorene
 Concen: 49.350 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

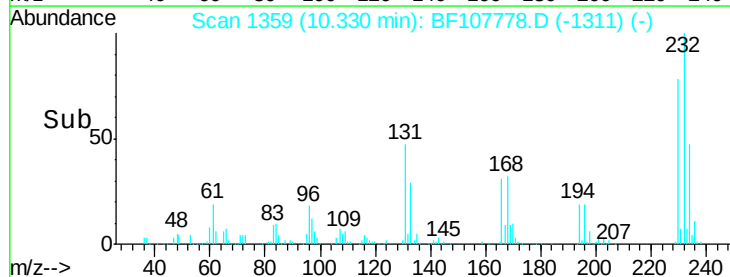
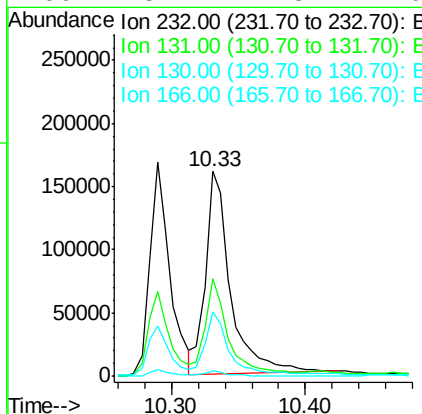
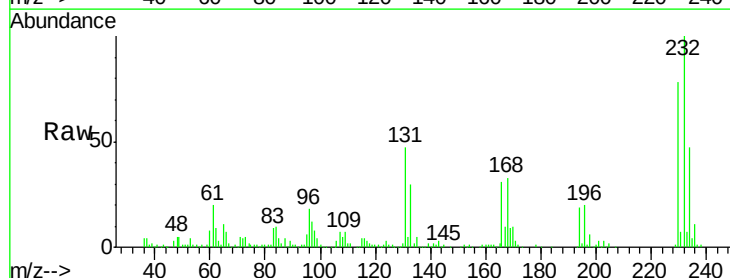
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

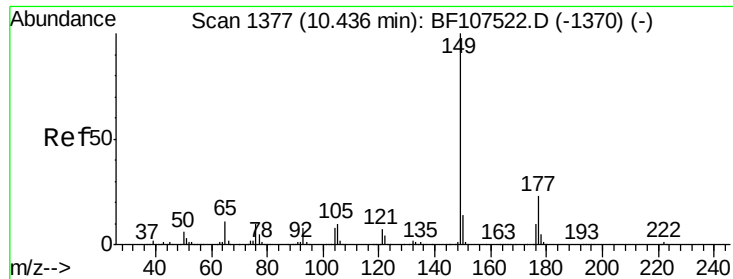
Tgt Ion:166 Resp: 842503
 Ion Ratio Lower Upper
 166 100
 165 93.9 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.605 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:232 Resp: 210020
 Ion Ratio Lower Upper
 232 100
 131 46.5 43.8 65.8
 130 2.9 2.1 3.1
 166 28.2 27.8 41.6

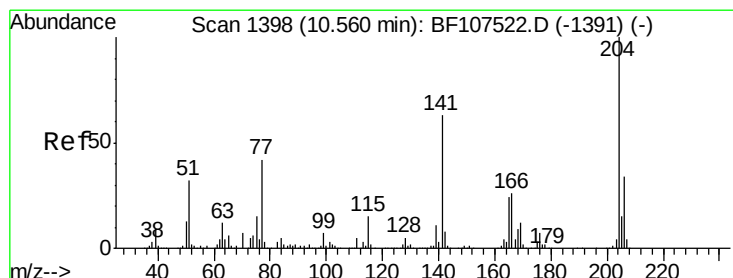
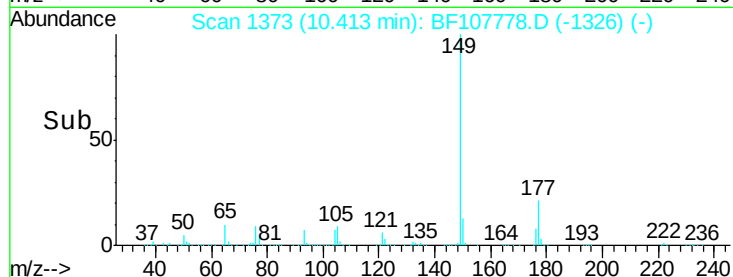
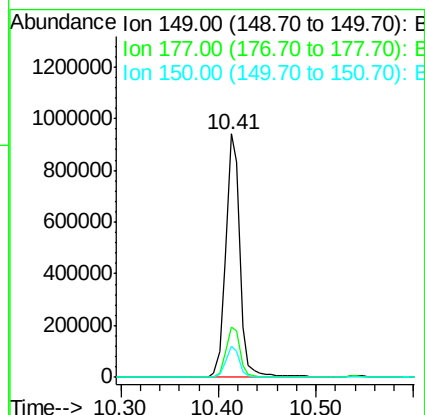
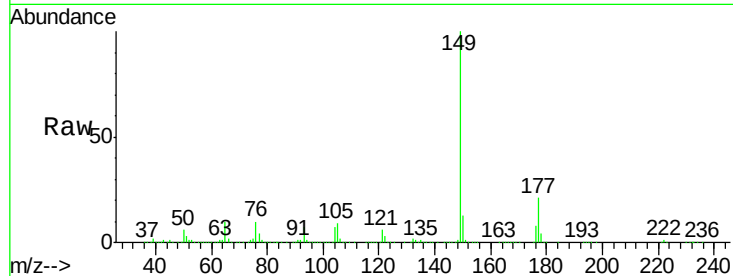




#59
Diethylphthalate
Concen: 46.354 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

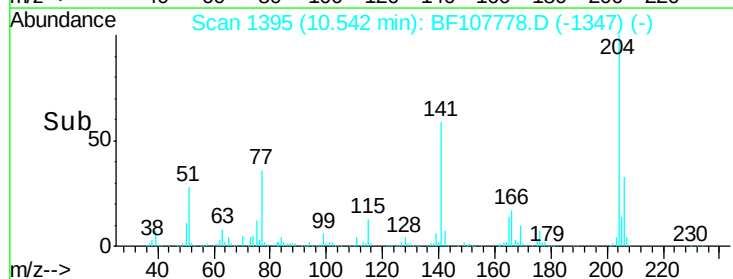
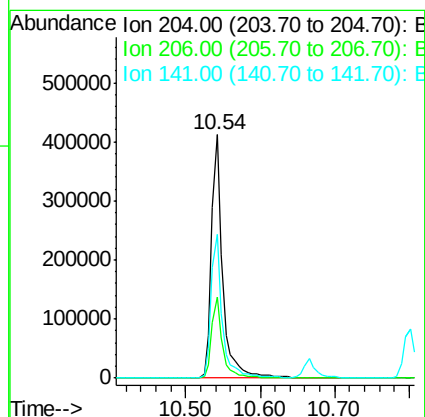
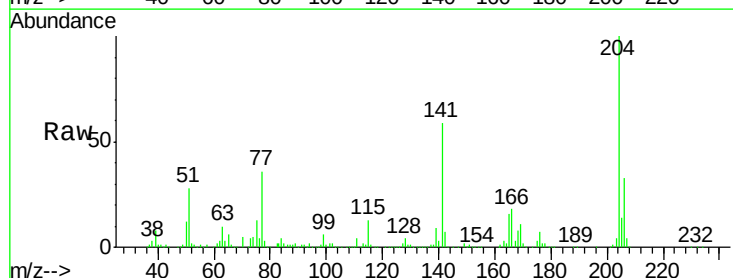
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

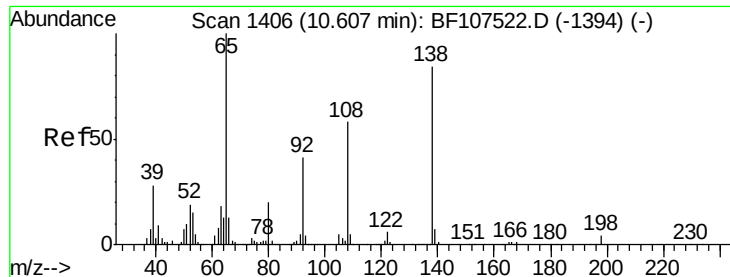
Tgt Ion:149 Resp: 946312
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.736 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:204 Resp: 431766
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 59.2 54.6 81.8





#61

4-Nitroaniline

Concen: 37.473 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

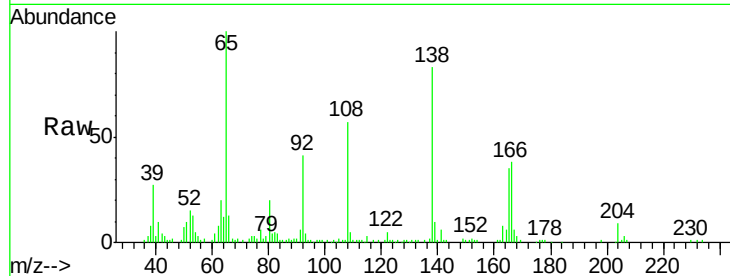
Tgt Ion:138 Resp: 148645

Ion Ratio Lower Upper

138 100

92 49.2 30.2 70.2

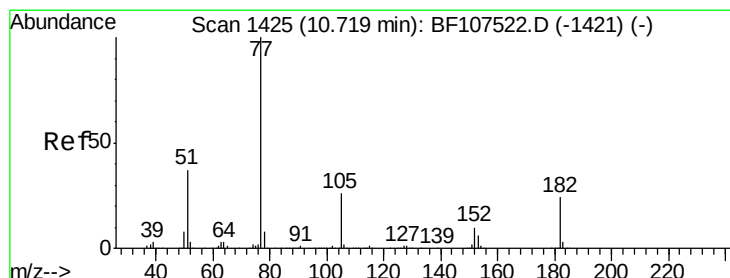
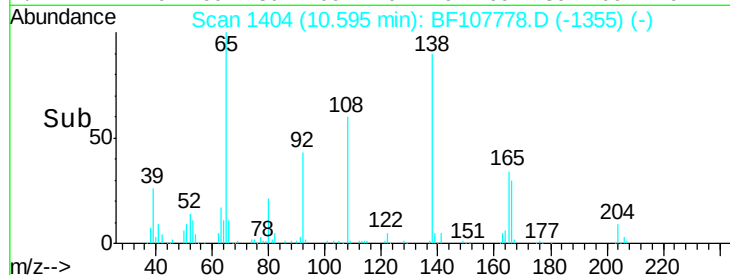
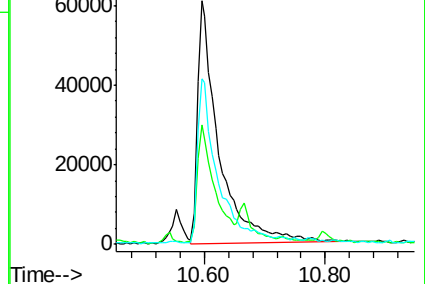
108 68.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.981 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Tgt Ion: 77 Resp: 784497

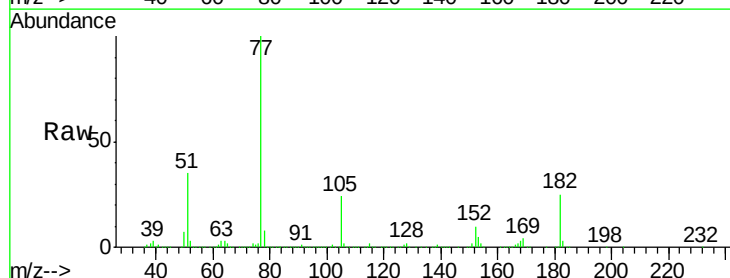
Ion Ratio Lower Upper

77 100

182 24.6 1.7 41.7

105 24.4 3.0 43.0

51 34.5 9.9 49.9

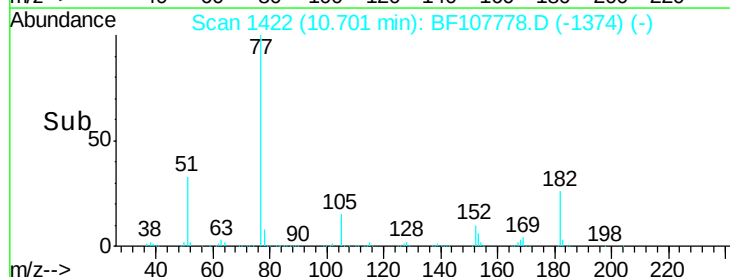
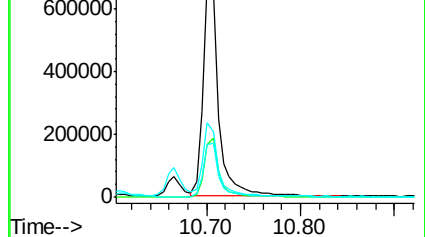


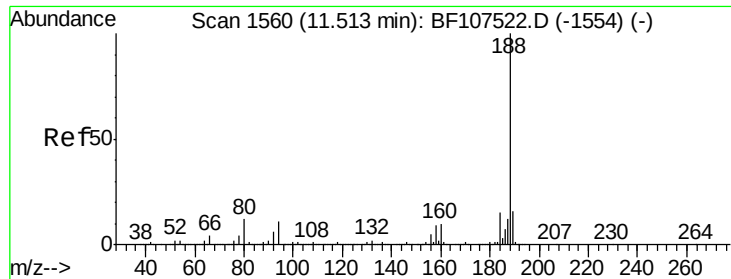
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

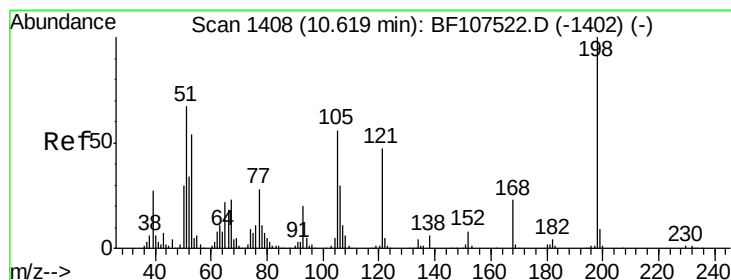
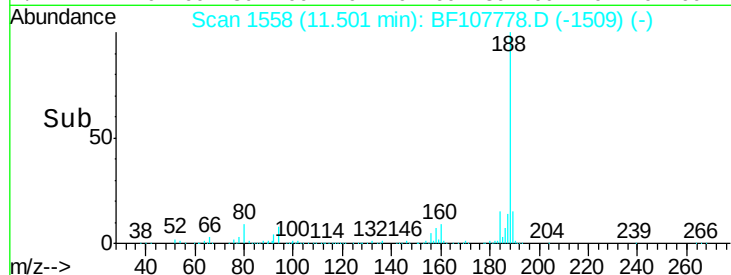
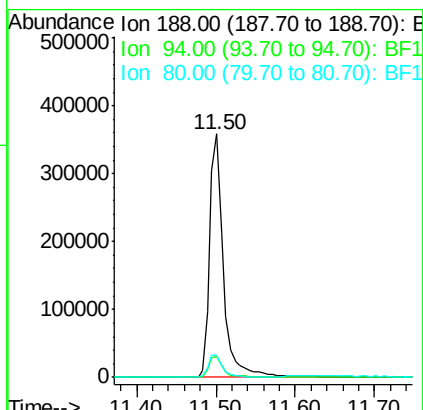
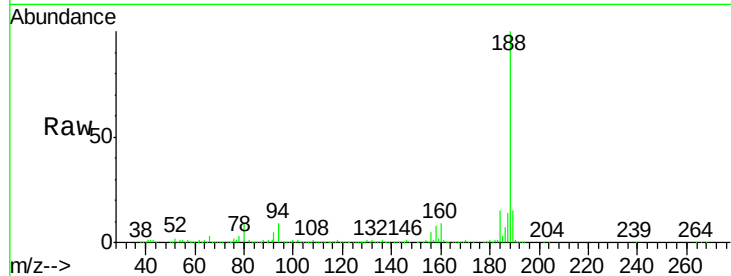




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

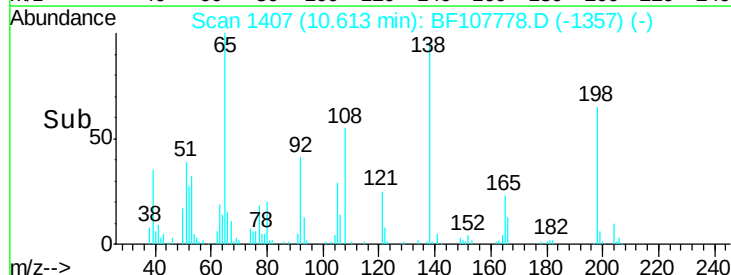
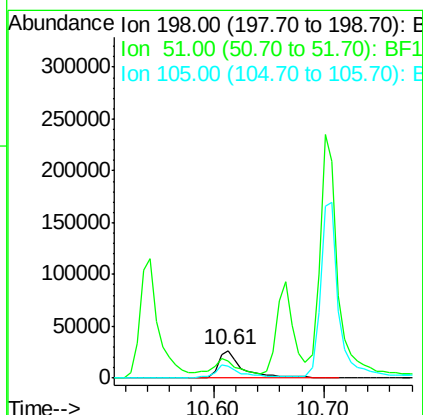
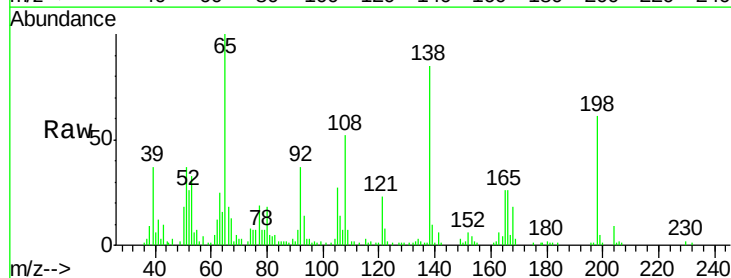
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

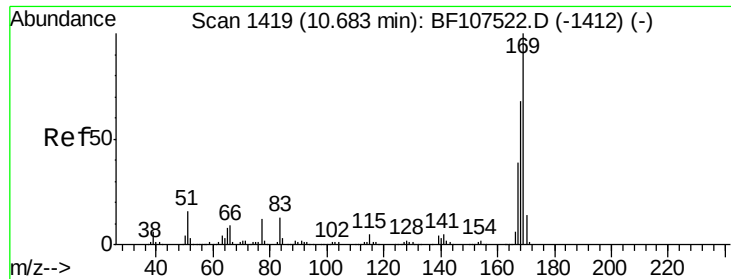
Tgt Ion:188 Resp: 435629
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.980 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:198 Resp: 41846
Ion Ratio Lower Upper
198 100
51 61.6 37.7 77.7
105 45.0 36.3 76.3

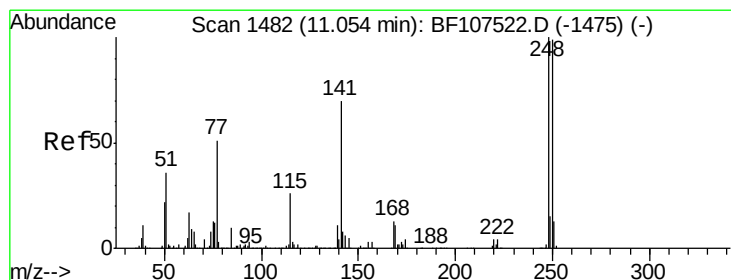
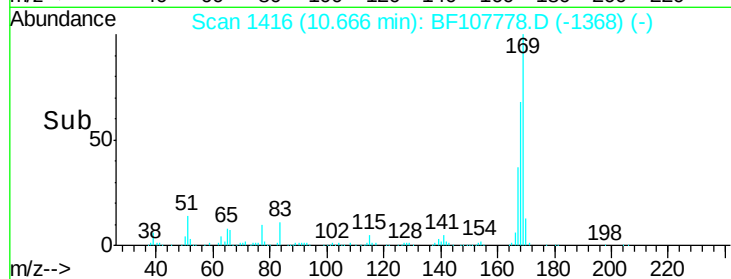
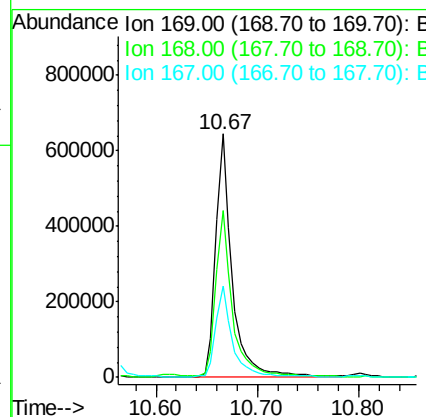
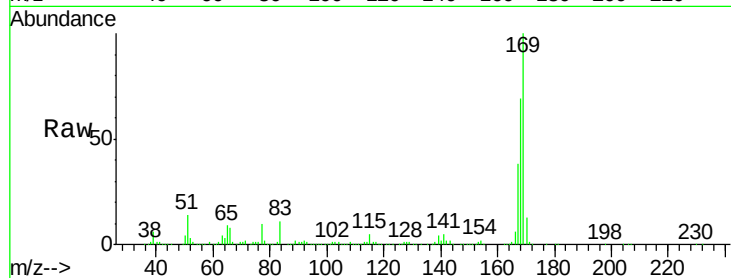




#65
 n-Nitrosodiphenylamine
 Concen: 49.456 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

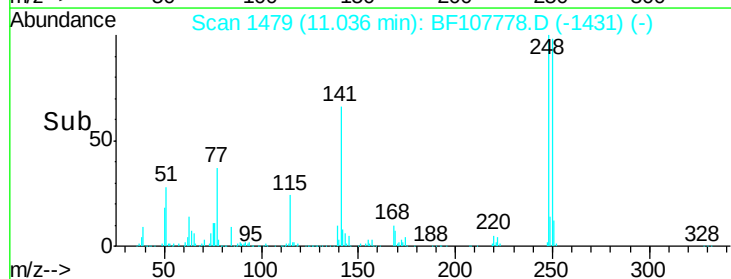
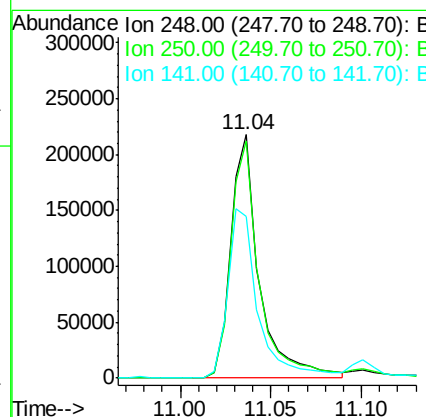
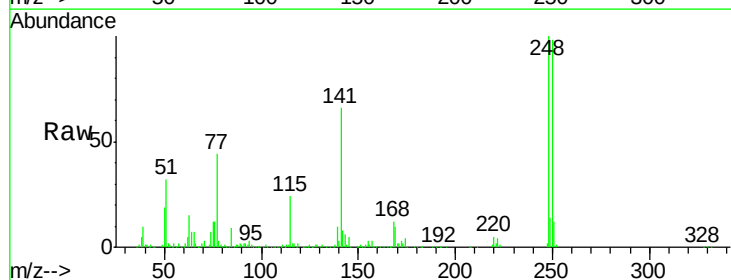
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

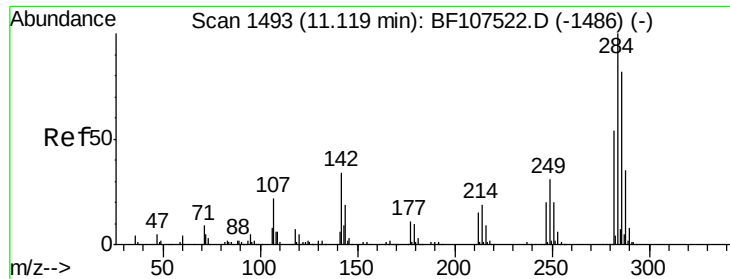
Tgt Ion:169 Resp: 731700
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.4 81.6
 167 37.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.480 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:248 Resp: 238354
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 66.3 74.4 111.6#





#67

Hexachlorobenzene

Concen: 45.090 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

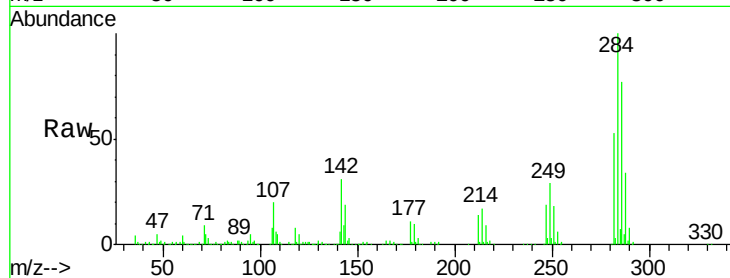
Tgt Ion:284 Resp: 254416

Ion Ratio Lower Upper

284 100

142 31.0 34.6 52.0#

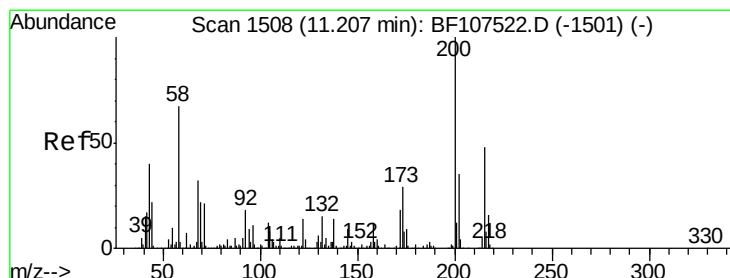
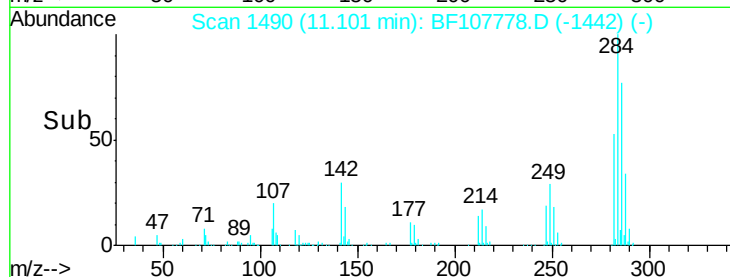
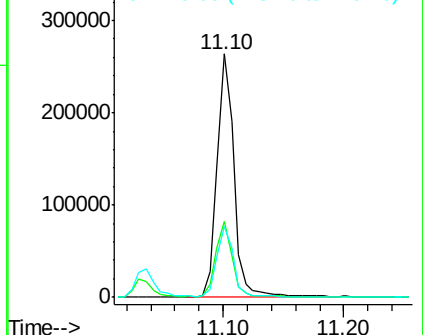
249 29.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.376 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

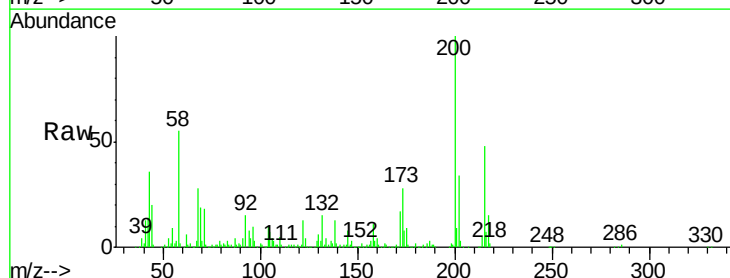
Tgt Ion:200 Resp: 204974

Ion Ratio Lower Upper

200 100

173 28.3 8.6 48.6

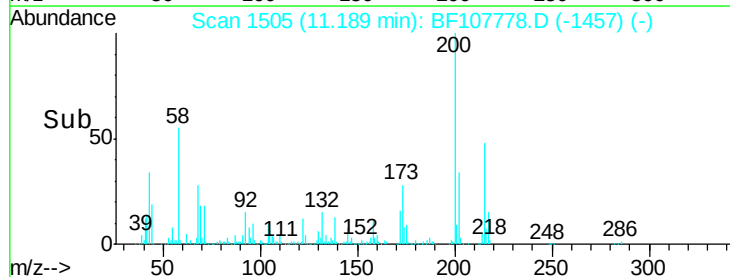
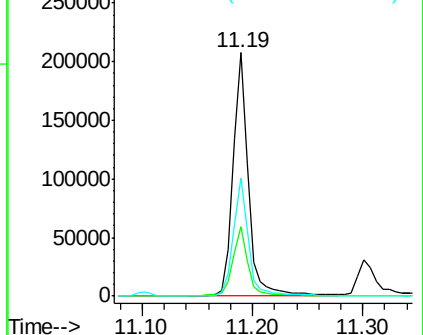
215 48.3 25.1 65.1

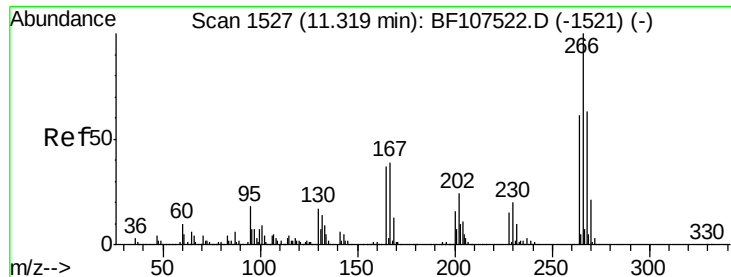


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

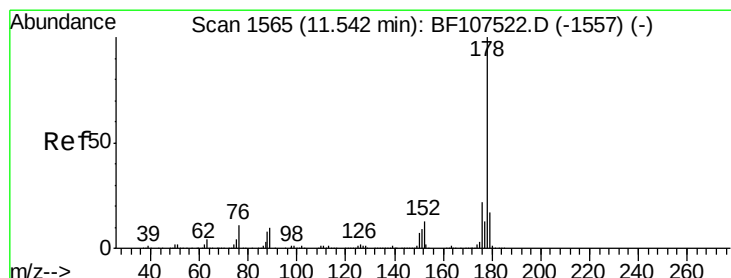
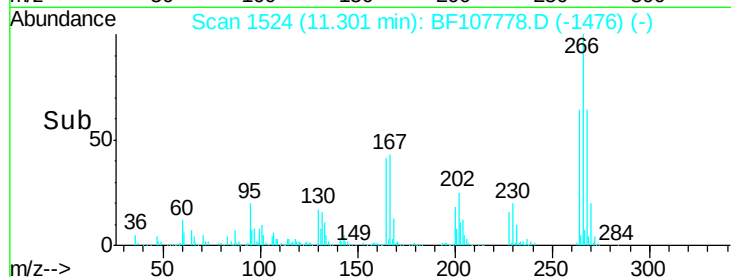
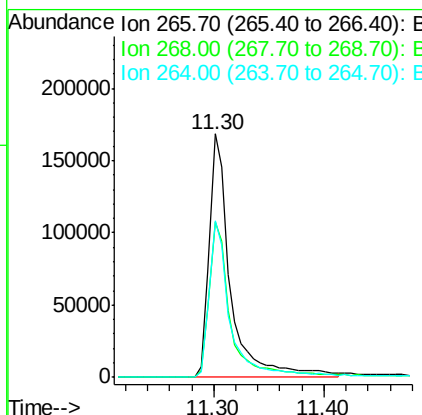
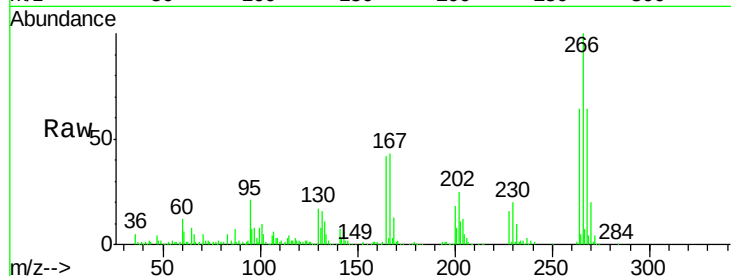




#69
 Pentachlorophenol
 Concen: 63.256 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

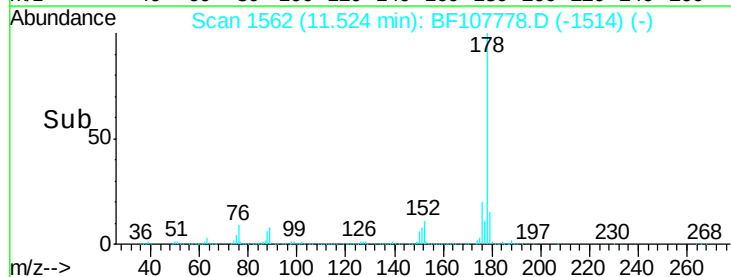
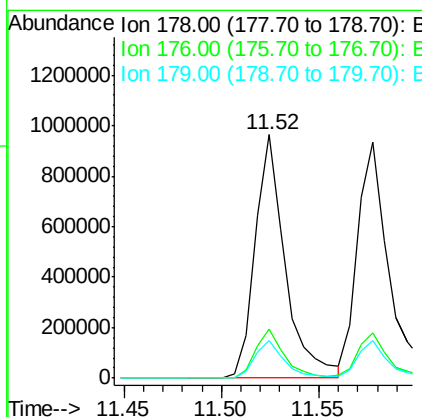
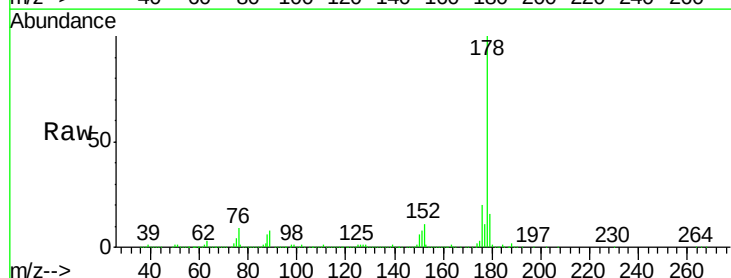
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

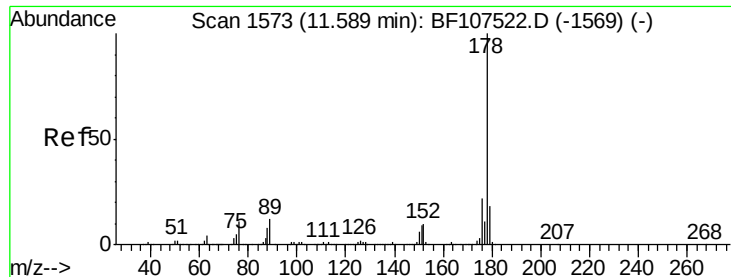
Tgt Ion: 266 Resp: 222939
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 64.4 49.5 74.3



#70
 Phenanthrene
 Concen: 48.639 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion: 178 Resp: 1032534
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.6 13.0 19.6

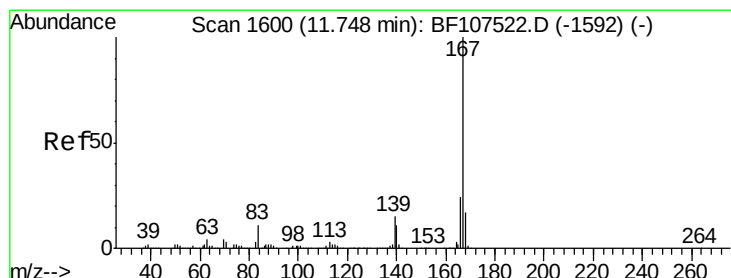
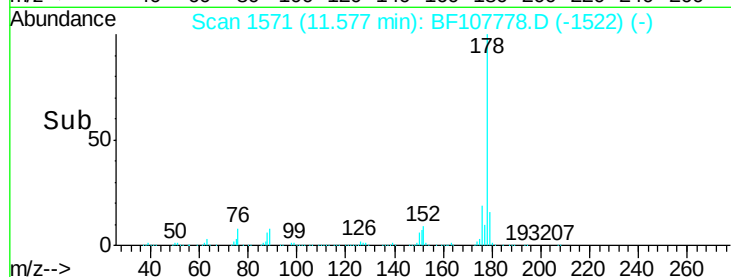
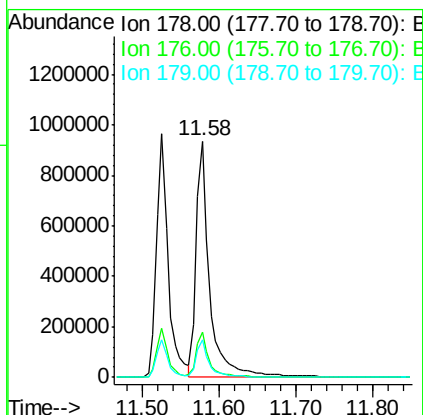
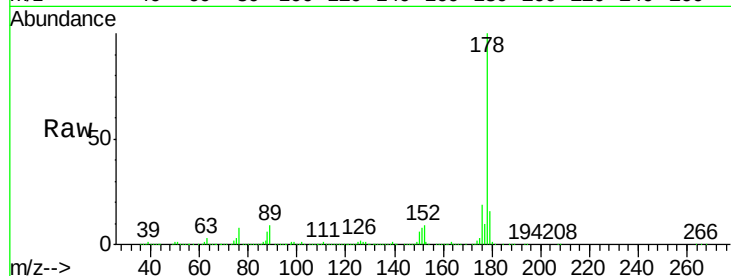




#71
 Anthracene
 Concen: 53.433 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

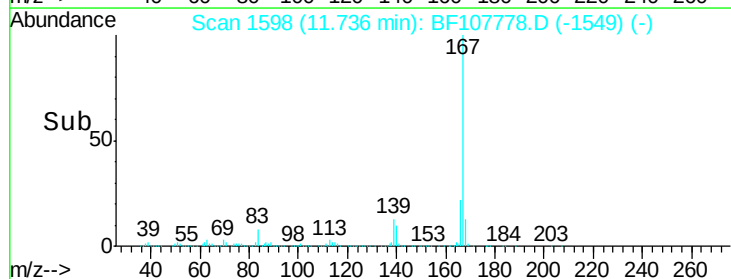
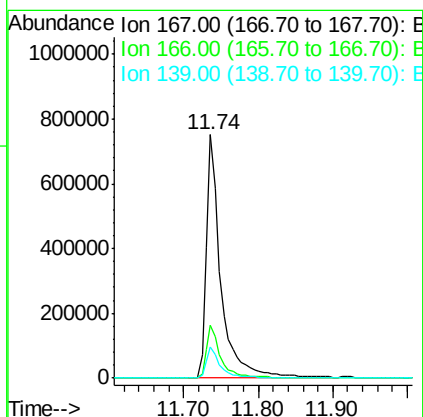
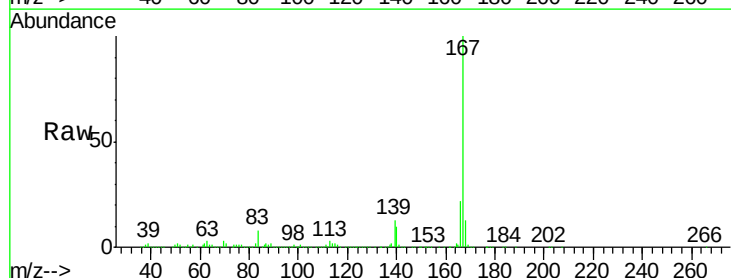
Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

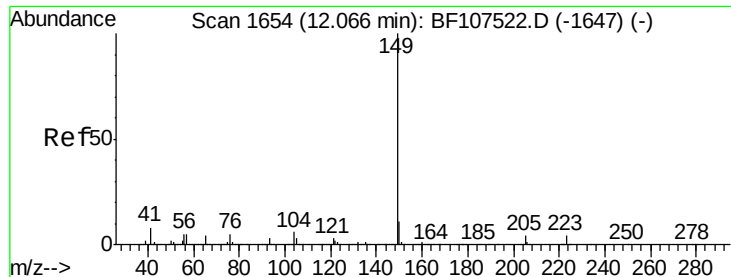
Tgt Ion:178 Resp: 1142058
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 46.205 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:167 Resp: 1026955
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 60.884 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

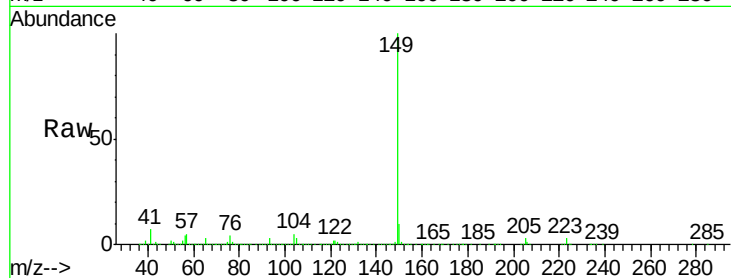
Tgt Ion:149 Resp: 1252420

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

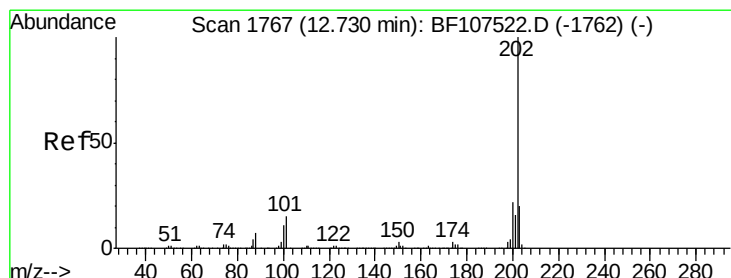
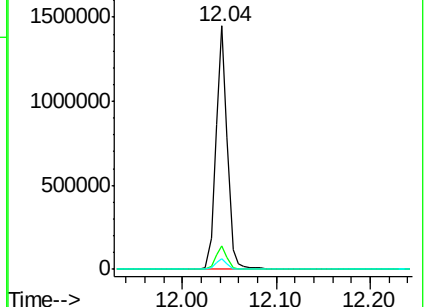
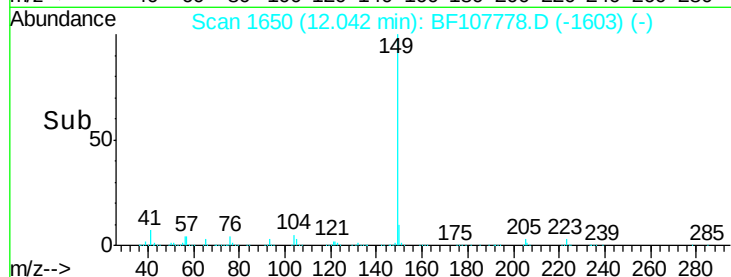
104 4.6 3.8 5.8



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: 51.726 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

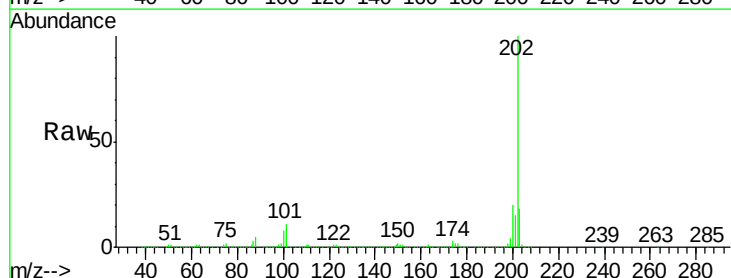
Tgt Ion:202 Resp: 1178302

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

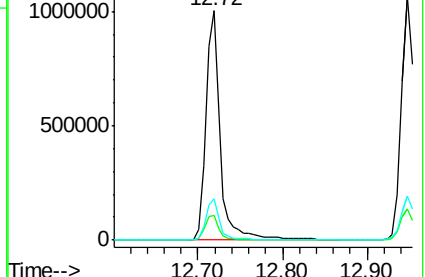
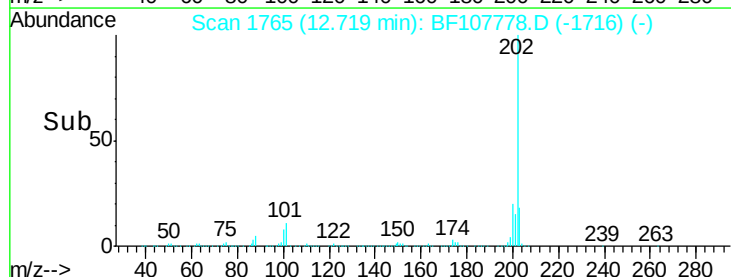
203 18.1 0.0 38.1

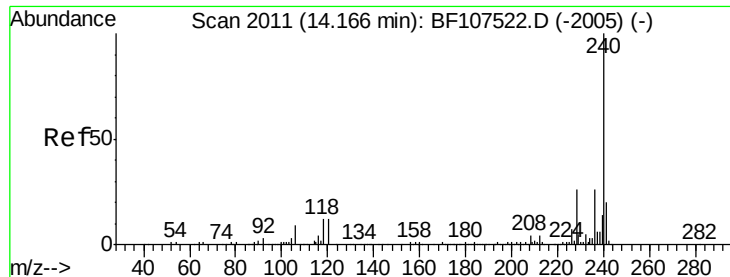


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

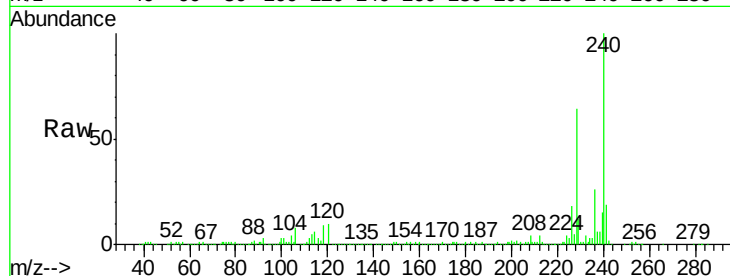
Tgt Ion:240 Resp: 418760

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

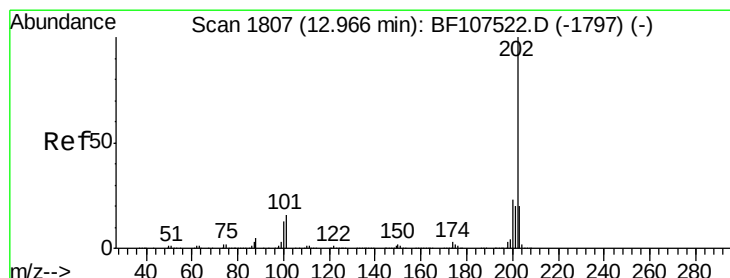
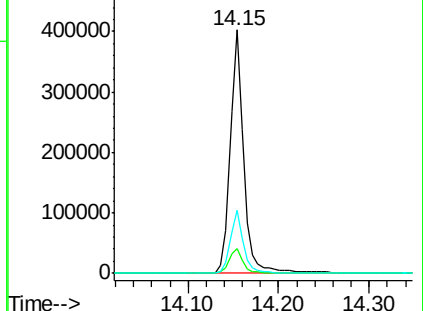
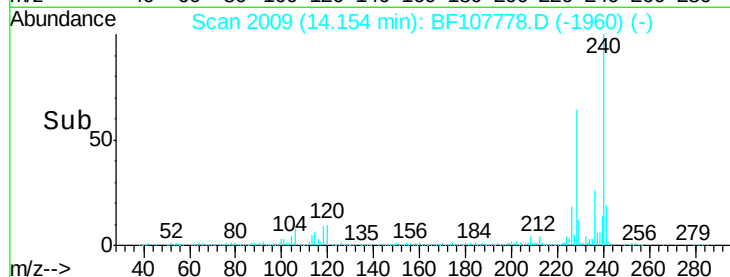
236 26.1 20.7 31.1



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



#77

Pyrene

Concen: 42.366 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

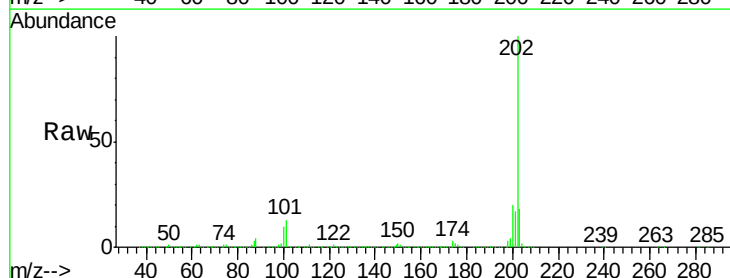
Tgt Ion:202 Resp: 1213520

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

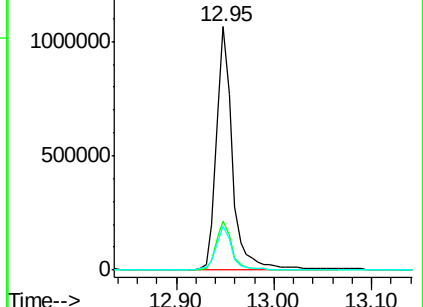
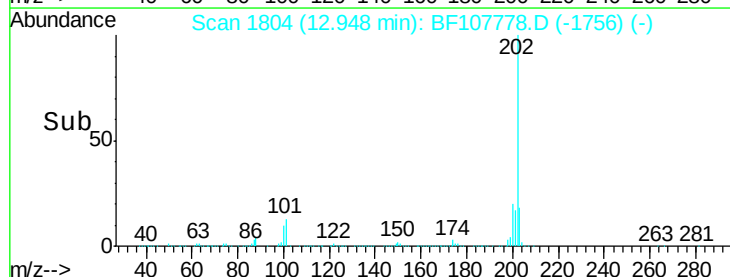
203 17.9 14.3 21.5

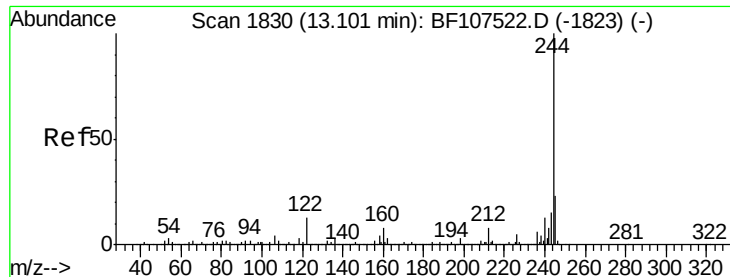


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.864 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

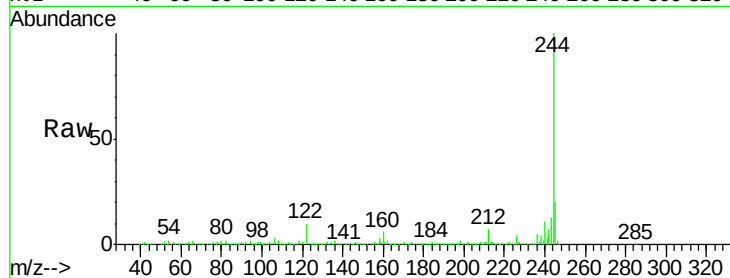
Tgt Ion:244 Resp: 1469923

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

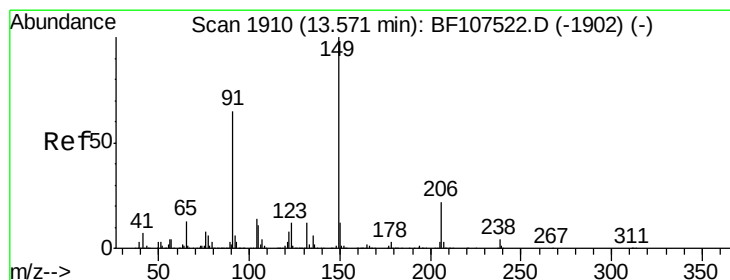
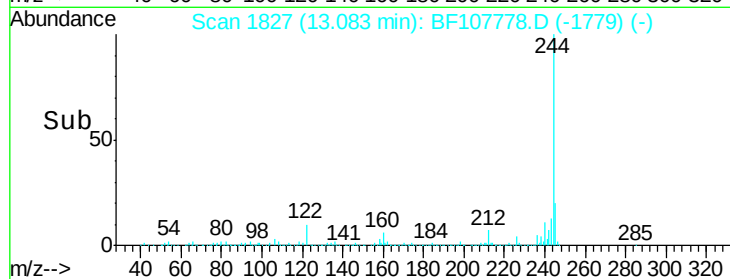
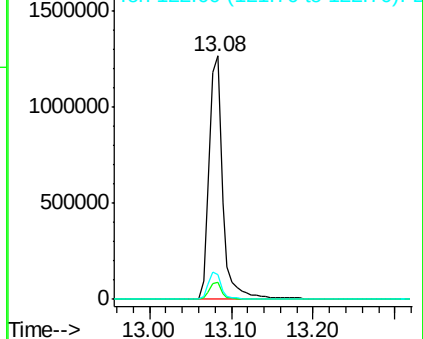
122 10.0 11.0 16.4#



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: 43.876 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

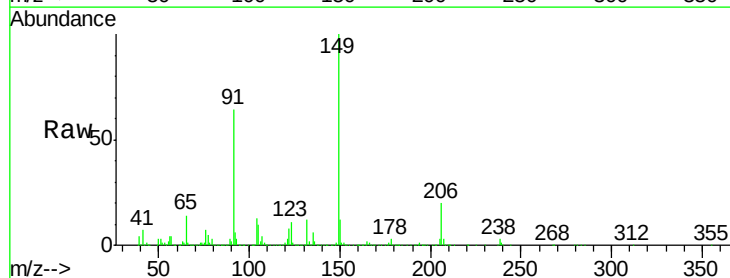
Tgt Ion:149 Resp: 540478

Ion Ratio Lower Upper

149 100

91 63.9 56.8 85.2

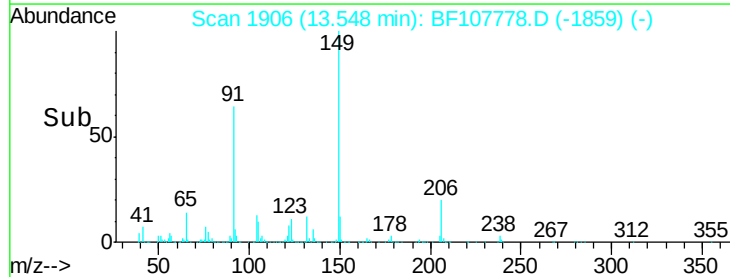
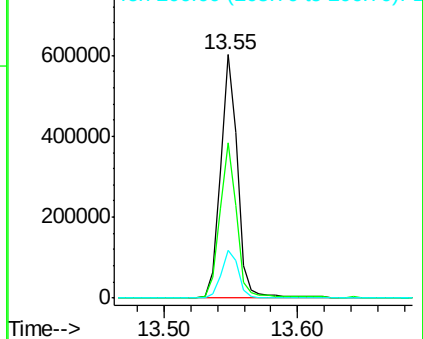
206 19.8 14.1 21.1

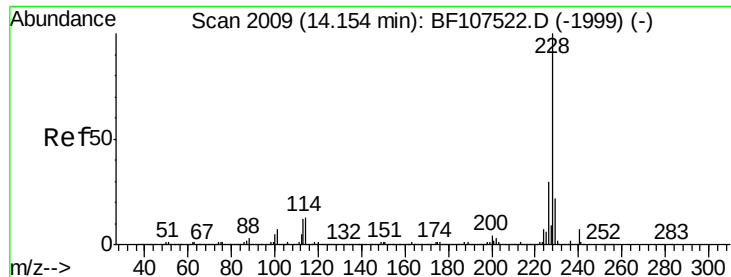


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.757 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

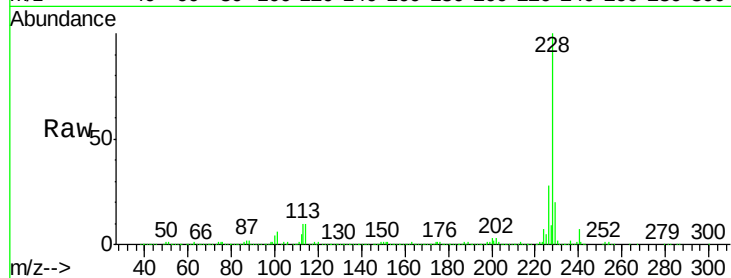
Tgt Ion:228 Resp: 1122889

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

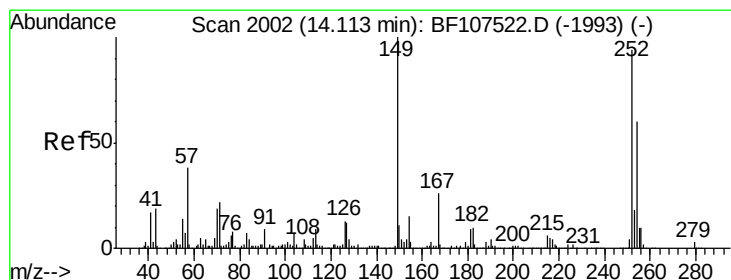
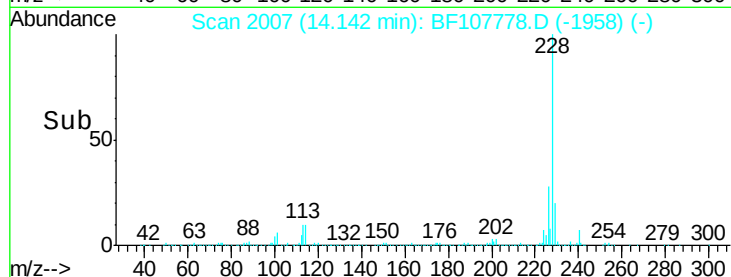
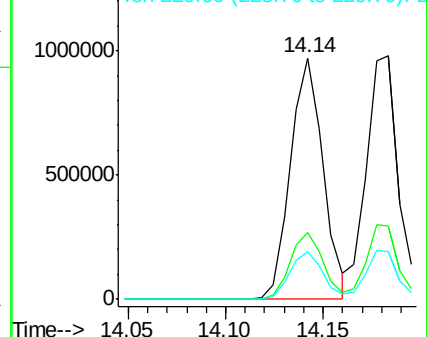
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 26.685 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

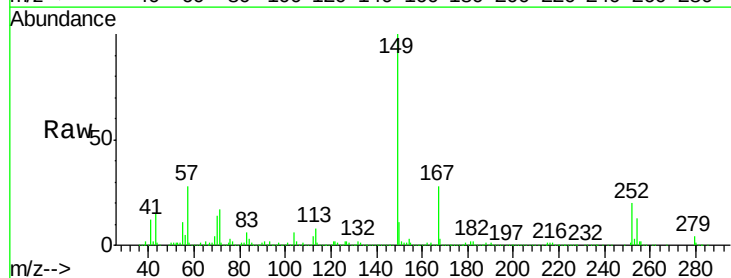
Tgt Ion:252 Resp: 218339

Ion Ratio Lower Upper

252 100

254 63.6 50.4 75.6

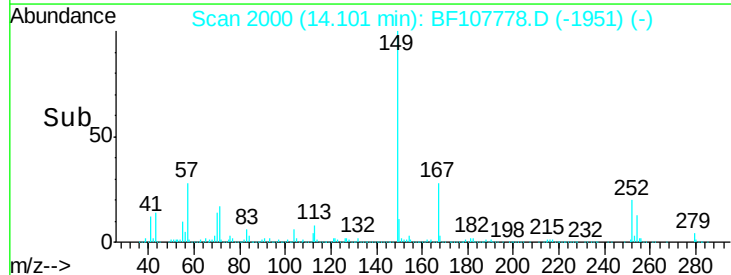
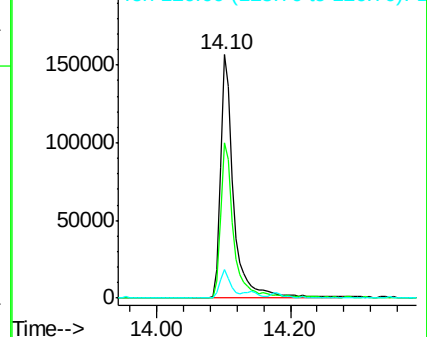
126 11.6 11.3 16.9

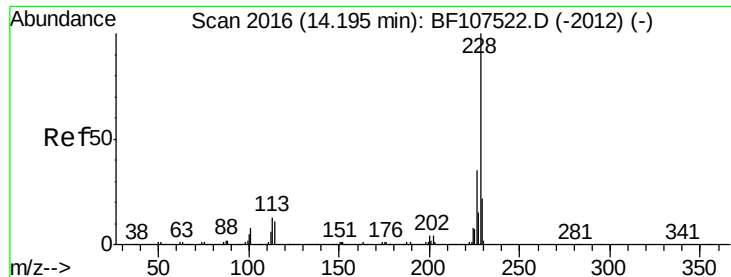


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 51.473 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

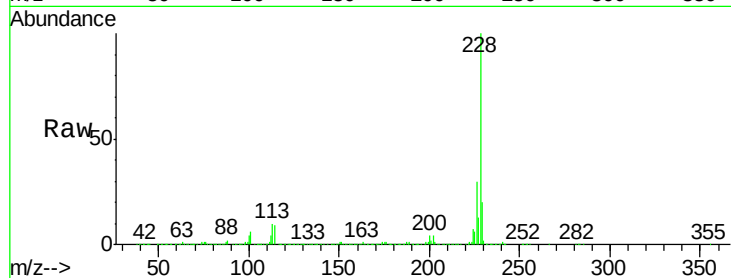
Tgt Ion:228 Resp: 1213378

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

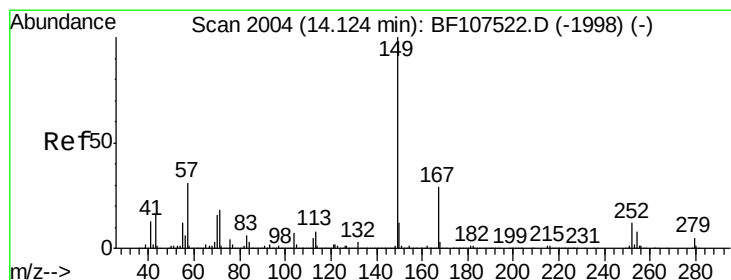
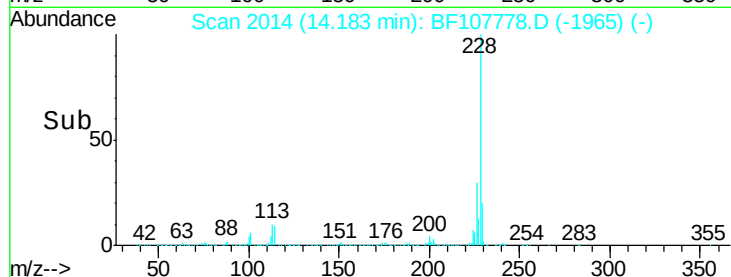
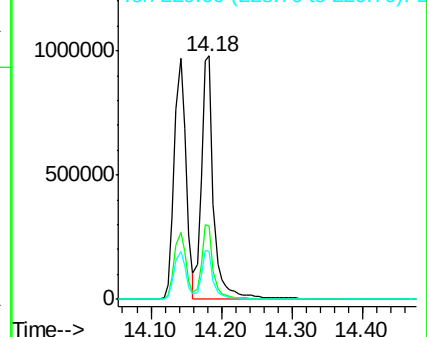
229 19.8 16.2 24.4



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: 41.576 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

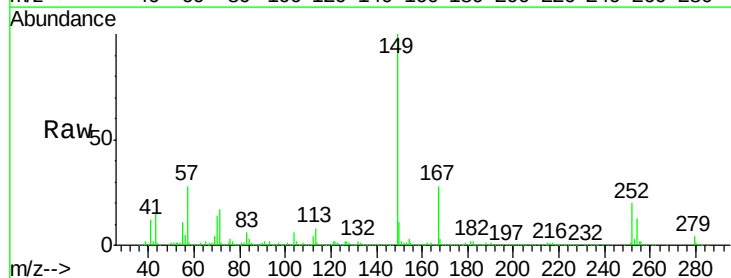
Tgt Ion:149 Resp: 722639

Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

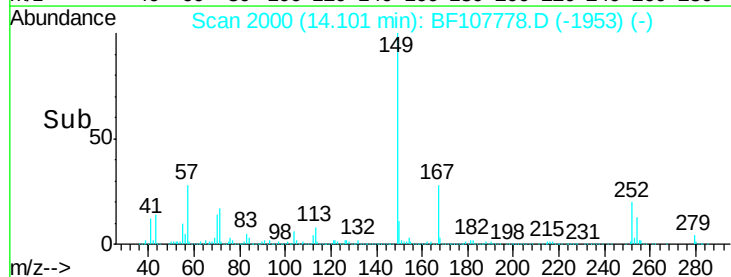
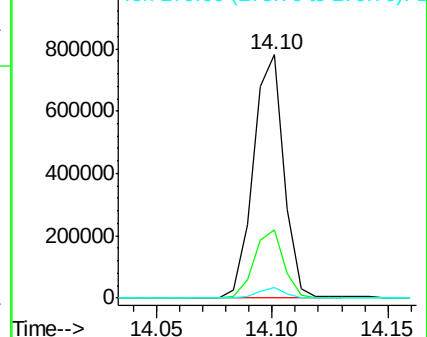
279 4.2 3.0 4.4

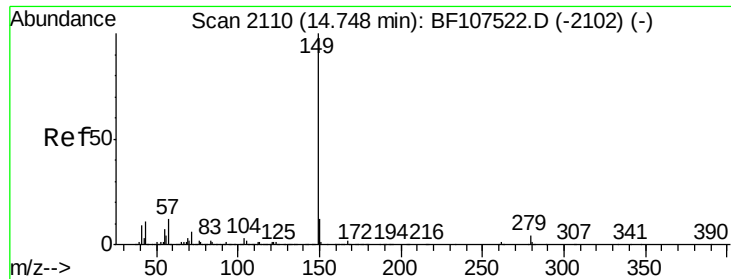


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.985 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.03 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

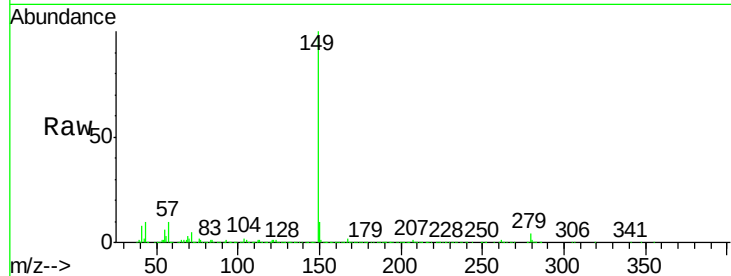
Tgt Ion:149 Resp: 1350424

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

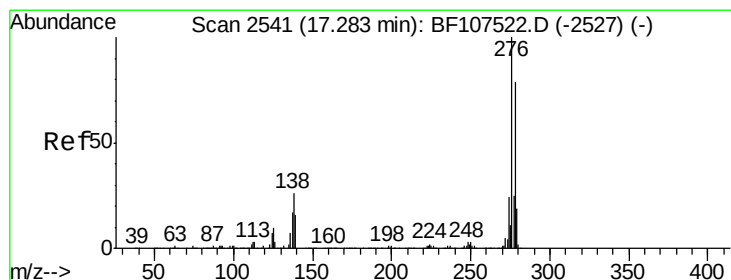
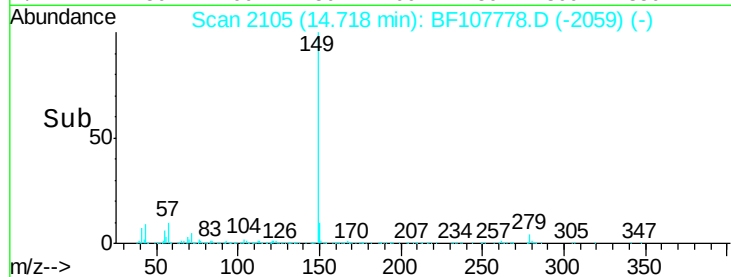
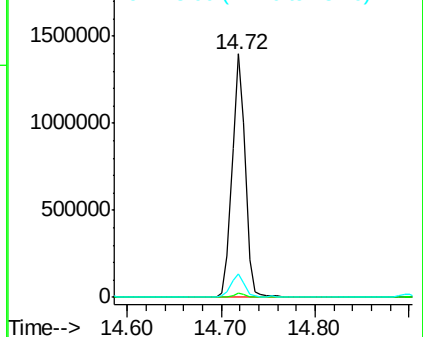
43 9.4 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.689 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

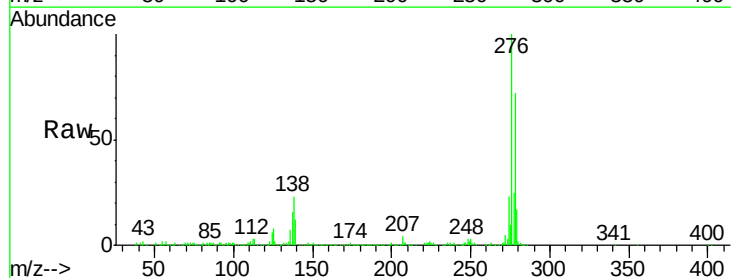
Tgt Ion:276 Resp: 792946

Ion Ratio Lower Upper

276 100

138 24.7 25.0 37.6#

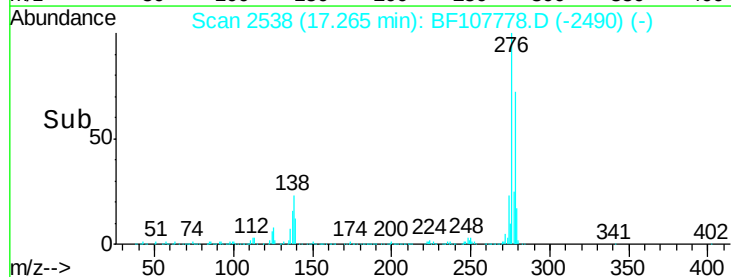
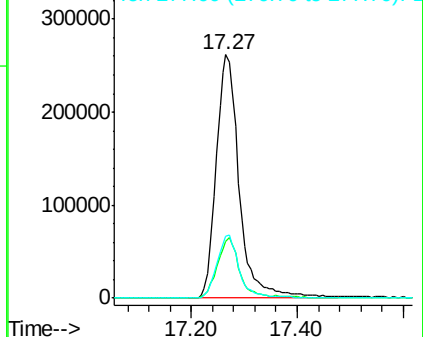
277 25.2 20.1 30.1

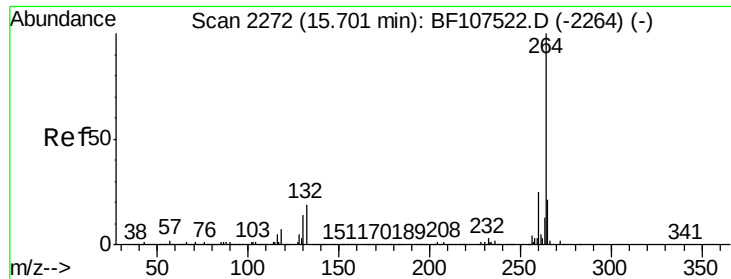


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



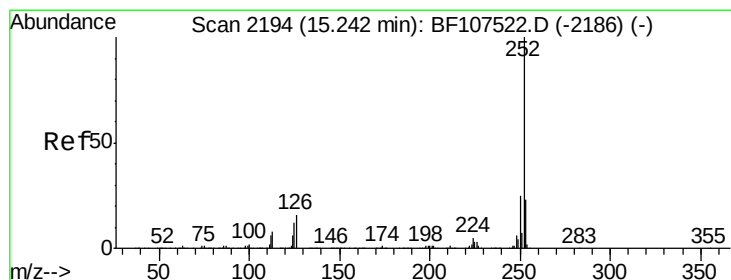
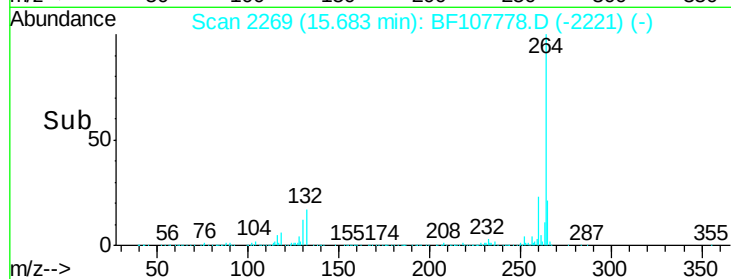
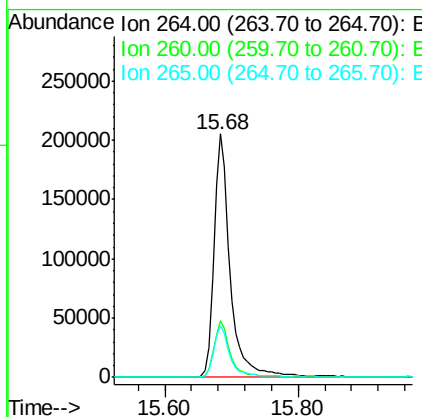
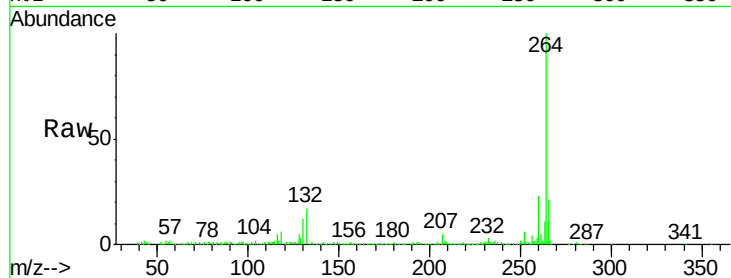


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampled :
MW-33MSD

Tgt Ion: 264 Resp: 350065

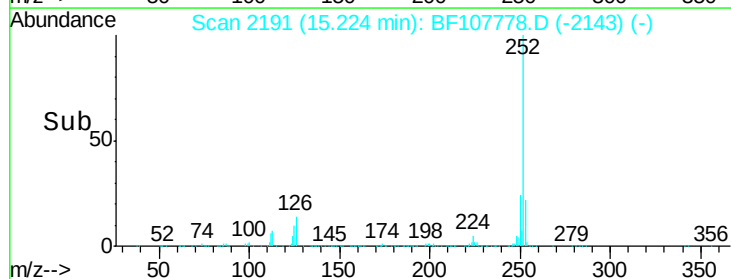
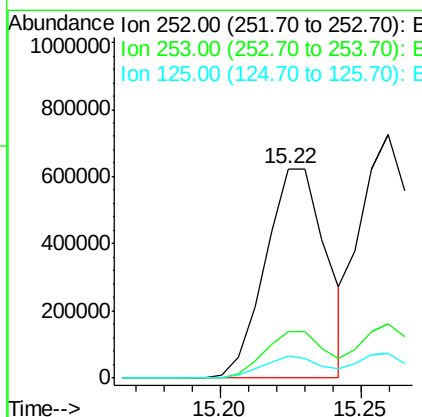
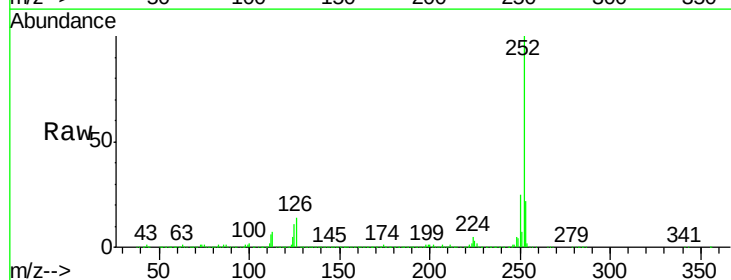
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3

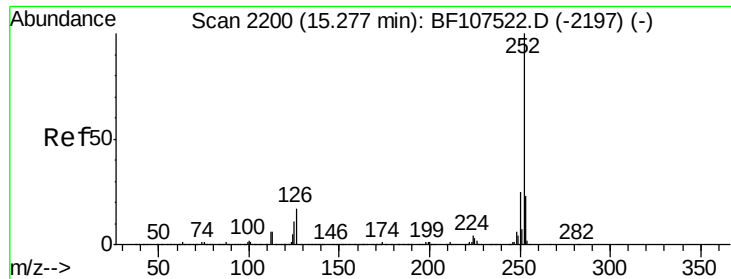


#87
Benzo(b)fluoranthene
Concen: 48.902 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion: 252 Resp: 936891

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.5	9.0	13.6

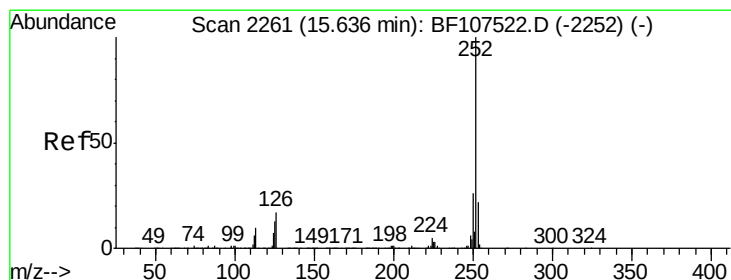
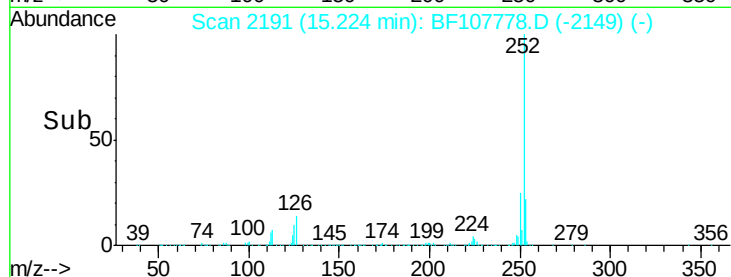
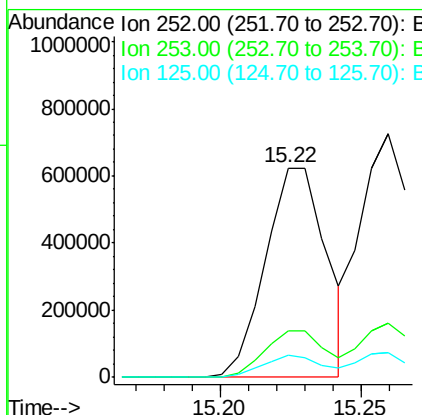
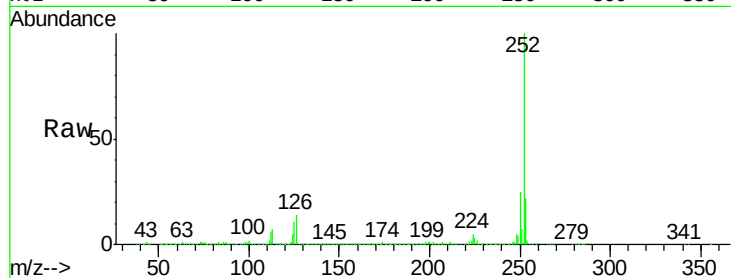




#88
Benzo(k)fluoranthene
Concen: 49.914 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

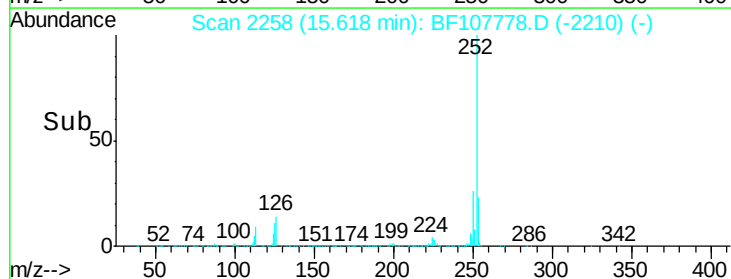
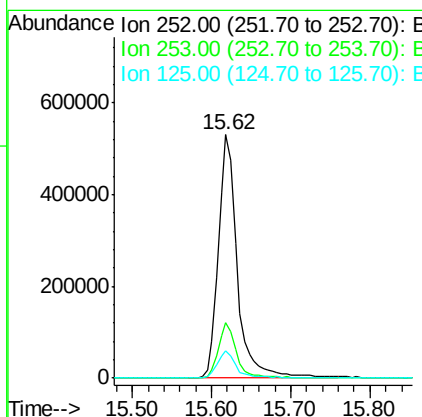
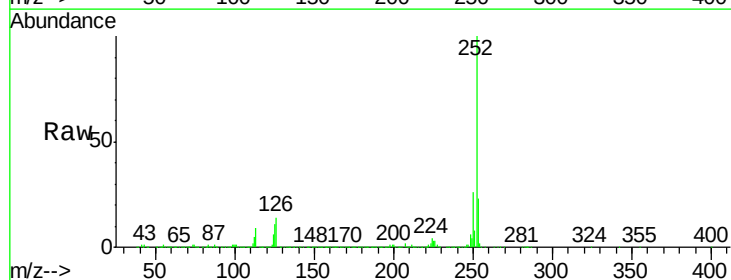
Instrument :
BNA_F
ClientSampleId :
MW-33MSD

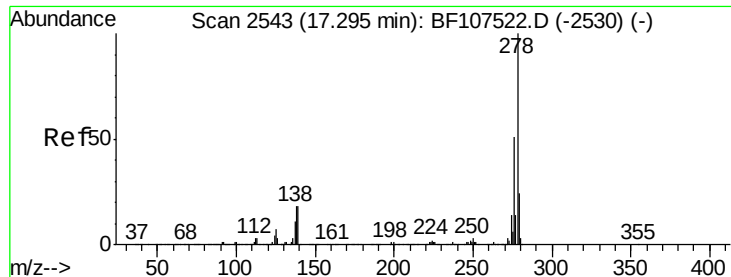
Tgt Ion:252 Resp: 936891
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.5 10.2 15.2



#89
Benzo(a)pyrene
Concen: 49.630 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:252 Resp: 869762
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 11.3 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 44.766 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

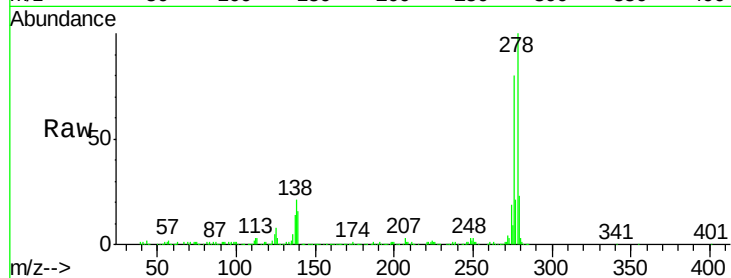
Tgt Ion:278 Resp: 678168

Ion Ratio Lower Upper

278 100

139 15.9 15.9 23.9#

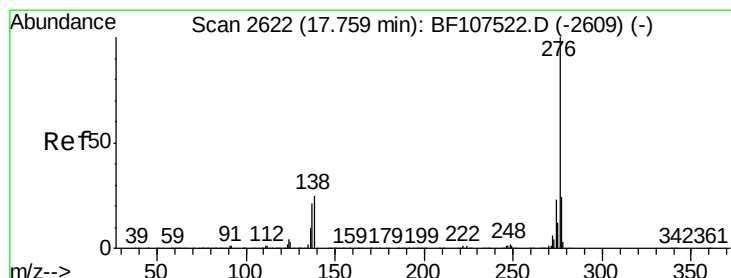
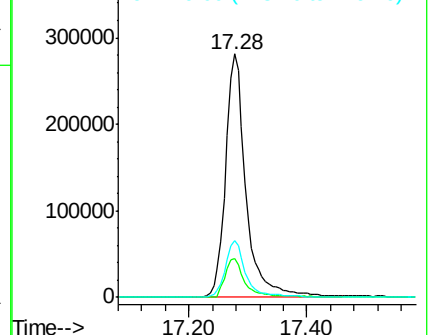
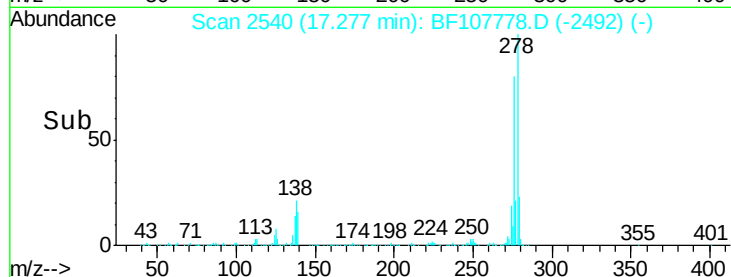
279 23.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.206 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

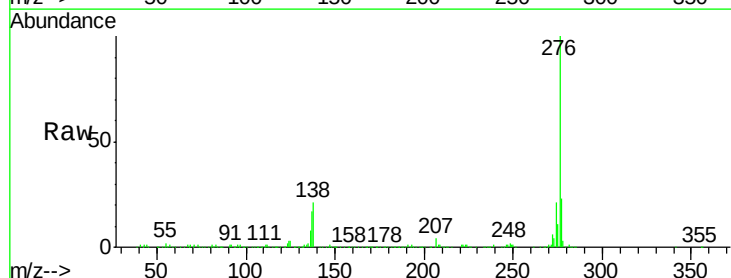
Tgt Ion:276 Resp: 645622

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 20.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

