

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
 Data File : BF107653.D
 Acq On : 25 Jul 2018 13:32
 Operator : JU/SJ
 Sample : J4101-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Jul 25 14:15:39 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	237065	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	939893	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	421226	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	845975	20.00	ng	0.00
75) Chrysene-d12	14.16	240	595429	20.00	ng	0.00
86) Perylene-d12	15.69	264	520532	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	1591467	107.94	ng	0.02
7) Phenol-d6	6.61	99	1774999	100.26	ng	0.00
23) Nitrobenzene-d5	7.54	82	1385724	99.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	697232	145.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2565197	114.52	ng	-0.01
78) Terphenyl-d14	13.09	244	2501067	107.54	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	188084	27.406	ng	# 69
3) Pyridine	3.77	79	374028	20.033	ng	# 84
4) n-Nitrosodimethylamine	3.72	42	252476	32.064	ng	94
6) Aniline	6.65	93	255933	11.208	ng	# 72
8) 2-Chlorophenol	6.77	128	659223	41.731	ng	99
9) Benzaldehyde	6.53	77	148115	10.677	ng	96
10) Phenol	6.62	94	643092	30.886	ng	91
11) bis(2-Chloroethyl)ether	6.71	93	638088	36.964	ng	92
12) 1,3-Dichlorobenzene	6.91	146	730521	40.788	ng	97
13) 1,4-Dichlorobenzene	6.98	146	767810	41.827	ng	98
14) 1,2-Dichlorobenzene	7.14	146	667925	40.545	ng	98
15) Benzyl Alcohol	7.11	79	528509	43.801	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1086173	37.297	ng	77
17) 2-Methylphenol	7.22	107	555561	41.379	ng	# 89
18) Hexachloroethane	7.48	117	271255	42.130	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	465141	40.669	ng	98
20) 3+4-Methylphenols	7.38	107	689232	43.231	ng	# 57
22) Acetophenone	7.38	105	981282	44.455	ng	# 89
24) Nitrobenzene	7.55	77	702343	44.030	ng	99
25) Isophorone	7.79	82	1312099	44.125	ng	98
26) 2-Nitrophenol	7.87	139	393753	58.454	ng	96
27) 2,4-Dimethylphenol	7.90	122	627447	49.209	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	849568	42.751	ng	100
29) 2,4-Dichlorophenol	8.11	162	604529	46.386	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	636082	43.455	ng	99
31) Naphthalene	8.27	128	1986180	48.055	ng	98
32) Benzoic acid	8.04	122	345408	40.316	ng	97
33) 4-Chloroaniline	8.34	127	138775	7.682	ng	98
34) Hexachlorobutadiene	8.38	225	378282	43.491	ng	98
35) Caprolactam	8.75	113	55224	13.028	ng	89
36) 4-Chloro-3-methylphenol	8.81	107	656607	45.355	ng	96
37) 2-Methylnaphthalene	8.97	142	1400026	48.882	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	661559	47.087	ng	99
40) Hexachlorocyclopentadiene	9.11	237	732800	102.604	ng	99

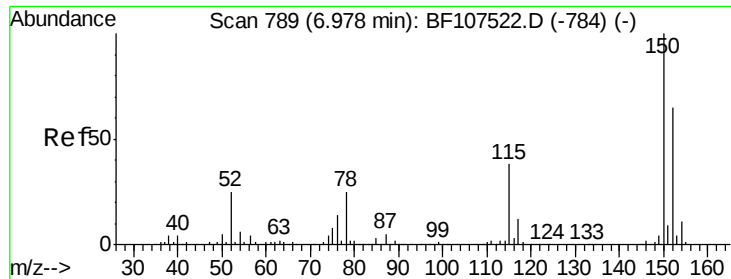
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
 Data File : BF107653.D
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 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	419258	46.621	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	460450	48.990	ng	95
45) 1,1'-Biphenyl	9.43	154	1695444	46.205	ng	97
46) 2-Chloronaphthalene	9.46	162	1283862	45.775	ng	99
47) 2-Nitroaniline	9.56	65	438440	53.620	ng	92
48) Acenaphthylene	9.88	152	2028480	48.145	ng	97
49) Dimethylphthalate	9.73	163	1466582	46.197	ng	99
50) 2,6-Dinitrotoluene	9.80	165	330678	52.464	ng	93
51) Acenaphthene	10.05	154	1143558	43.319	ng	99
52) 3-Nitroaniline	9.98	138	141682	18.477	ng	95
53) 2,4-Dinitrophenol	10.08	184	383328	109.214	ng	# 23
54) Dibenzofuran	10.22	168	1749594	45.018	ng	100
55) 4-Nitrophenol	10.15	139	429708	74.850	ng	96
56) 2,4-Dinitrotoluene	10.21	165	406359	53.410	ng	# 96
57) Fluorene	10.57	166	1392716	50.231	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	396569	50.697	ng	# 87
59) Diethylphthalate	10.43	149	1480285	44.647	ng	96
60) 4-Chlorophenyl-phenylether	10.55	204	690259	44.037	ng	96
61) 4-Nitroaniline	10.60	138	320539	49.755	ng	97
62) Azobenzene	10.71	77	1361636	43.797	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	231090	55.032	ng	86
65) n-Nitrosodiphenylamine	10.68	169	1229653	42.798	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	437879	43.970	ng	# 90
67) Hexachlorobenzene	11.11	284	476952	43.528	ng	# 84
68) Atrazine	11.20	200	378996	43.204	ng	96
69) Pentachlorophenol	11.31	266	506157	73.954	ng	98
70) Phenanthrene	11.53	178	1878040	45.556	ng	98
71) Anthracene	11.58	178	2012783	48.493	ng	98
72) Carbazole	11.74	167	1894565	43.894	ng	99
73) Di-n-butylphthalate	12.05	149	2133214	49.471	ng	98
74) Fluoranthene	12.72	202	2067936	46.747	ng	96
76) Benzidine	12.85	184	157923	9.210	ng	97
77) Pyrene	12.95	202	2053708	50.425	ng	98
79) Butylbenzylphthalate	13.56	149	924291	52.771	ng	# 90
80) Benzo(a)anthracene	14.15	228	1657665	47.507	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	251742	20.707	ng	# 95
82) Chrysene	14.18	228	1610441	48.046	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1162218	47.027	ng	99
84) Di-n-octyl phthalate	14.73	149	1793973	46.700	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1454198	51.190	ng	94
87) Benzo(b)fluoranthene	15.23	252	1390360	48.805	ng	98
88) Benzo(k)fluoranthene	15.27	252	1297832	46.500	ng	97
89) Benzo(a)pyrene	15.62	252	1285040	49.313	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	1196124	53.099	ng	96
91) Benzo(g,h,i)perylene	17.75	276	1240508	55.830	ng	# 91

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

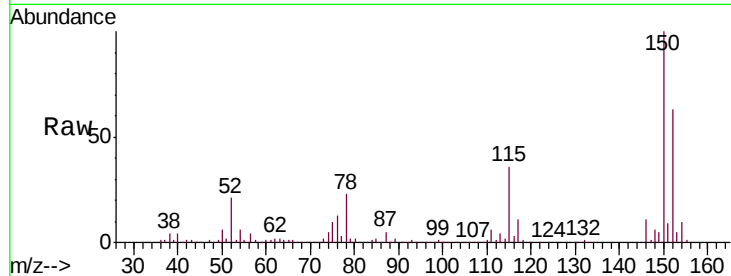


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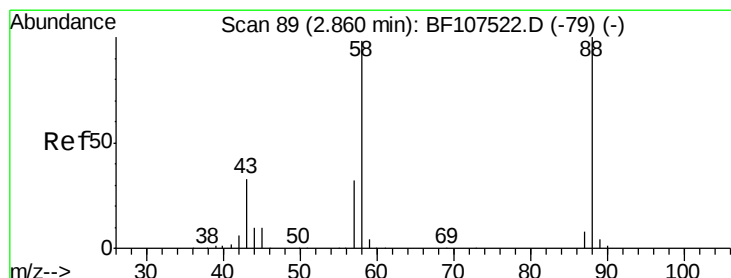
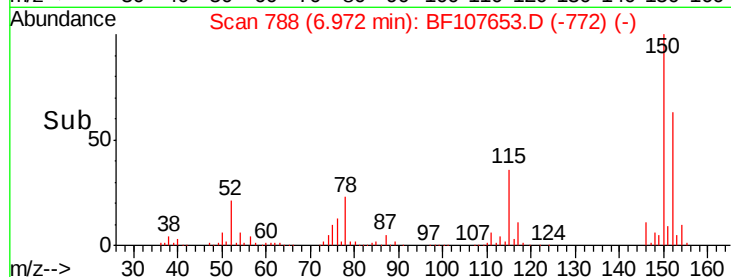
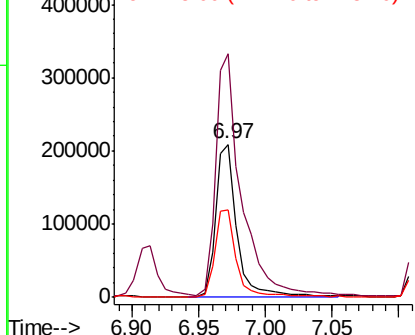
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:152 Resp: 237065
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 57.2 50.1 75.1



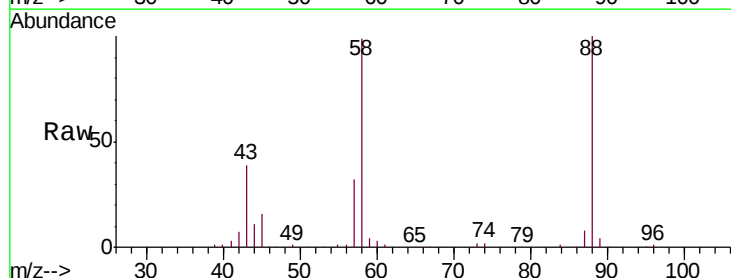
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



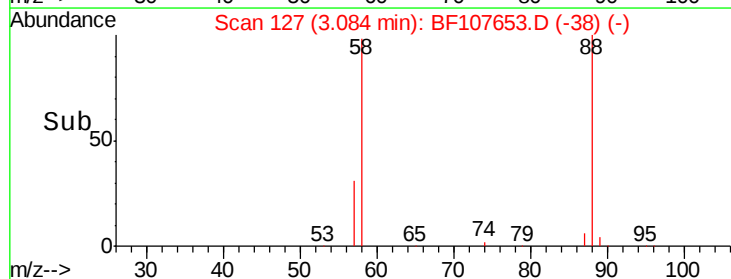
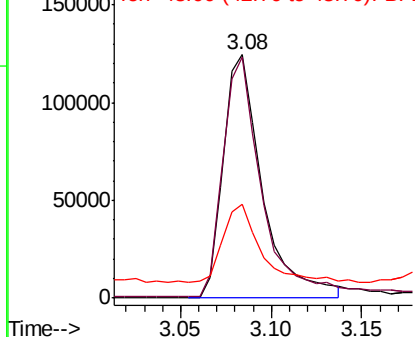
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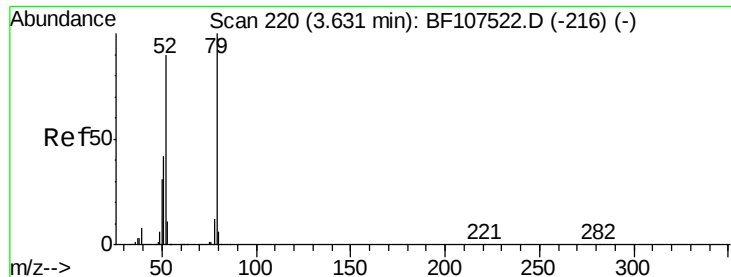
1,4-Dioxane
Concen: 27.406 ng
RT: 3.08 min Scan# 127
Delta R.T. 0.22 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion: 88 Resp: 188084
Ion Ratio Lower Upper
88 100
58 96.4 62.6 93.8#
43 0.0 24.6 37.0#



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





#3

Pyridine

Concen: 20.033 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.14 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

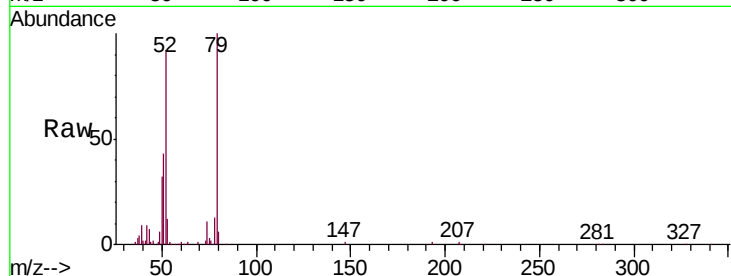
Tgt Ion: 79 Resp: 374028

Ion Ratio Lower Upper

79 100

52 91.8 59.8 89.6#

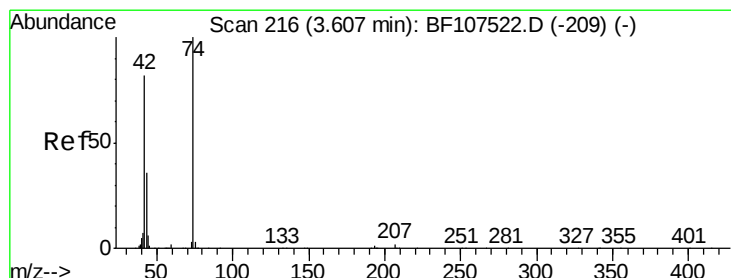
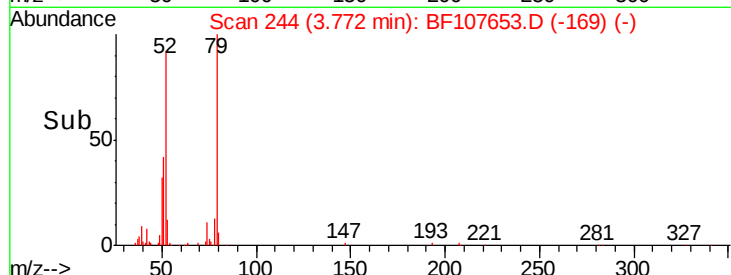
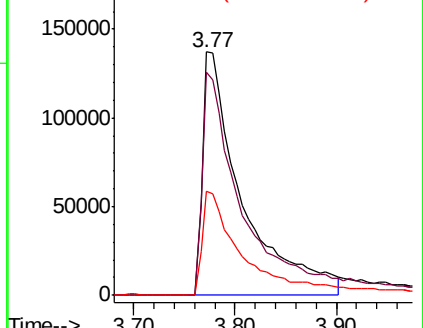
51 42.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.064 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.11 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

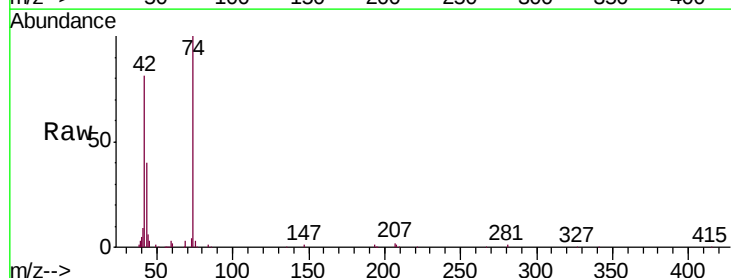
Tgt Ion: 42 Resp: 252476

Ion Ratio Lower Upper

42 100

74 123.9 104.9 157.3

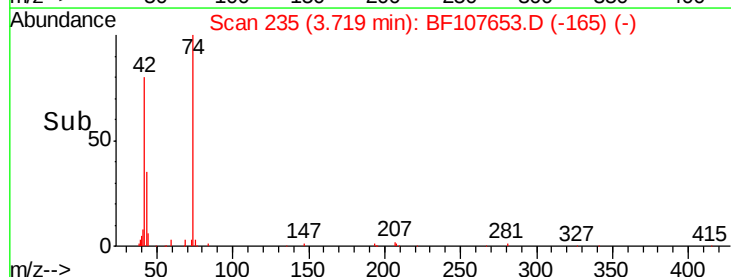
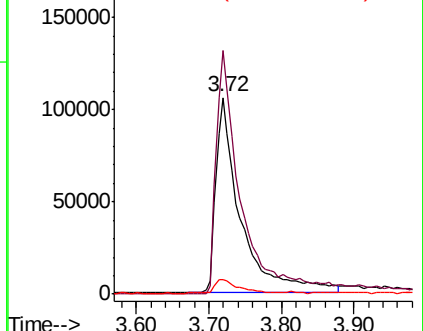
44 7.7 6.9 10.3

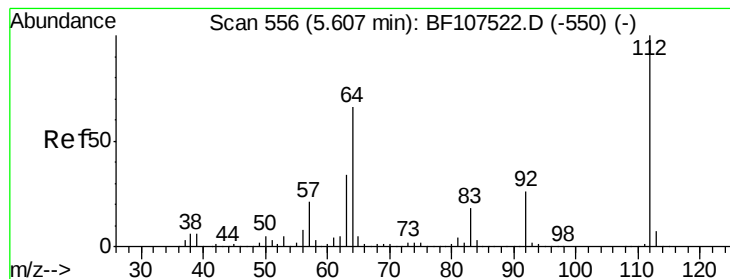


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.936 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

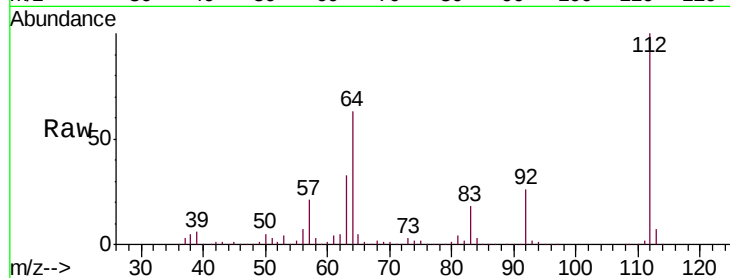
Tgt Ion: 112 Resp: 1591467

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

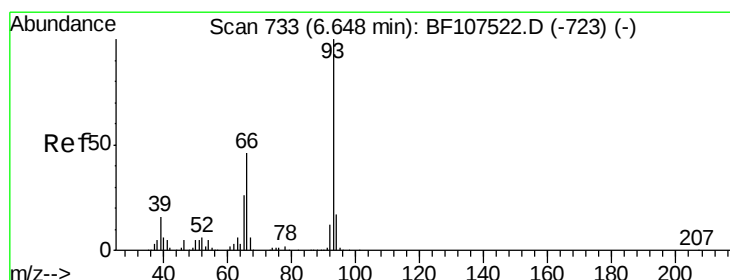
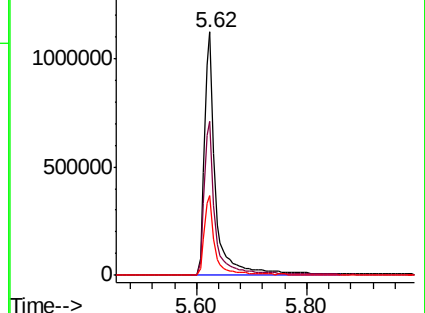
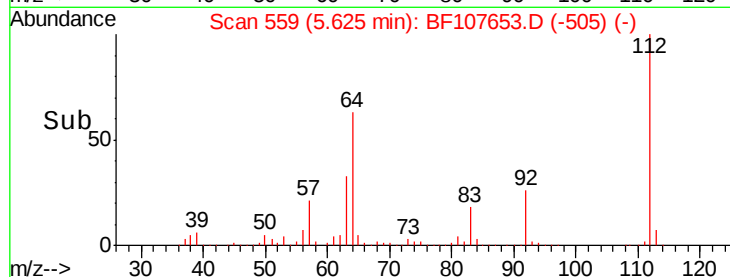
63 32.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.208 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

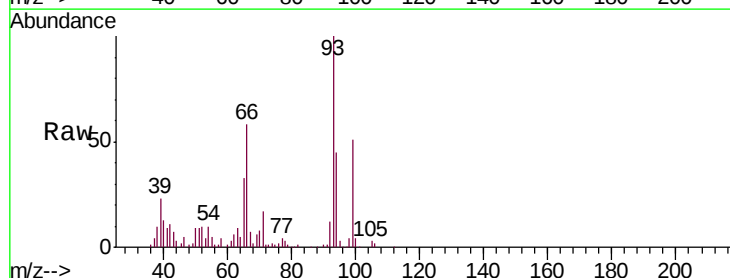
Tgt Ion: 93 Resp: 255933

Ion Ratio Lower Upper

93 100

66 57.9 32.2 48.2#

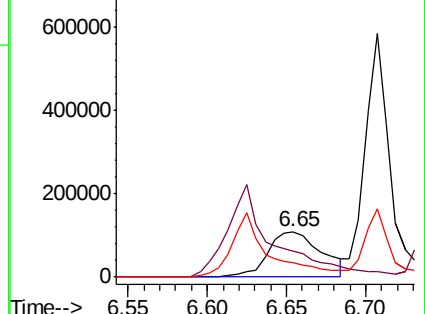
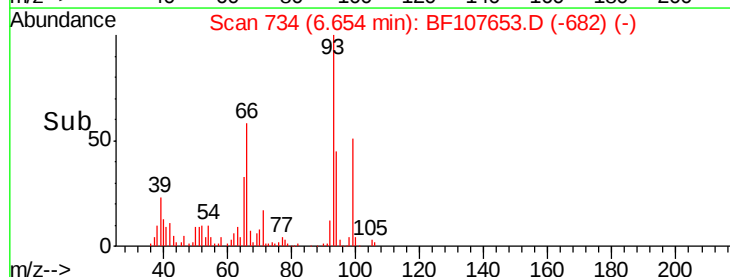
65 33.1 16.4 24.6#

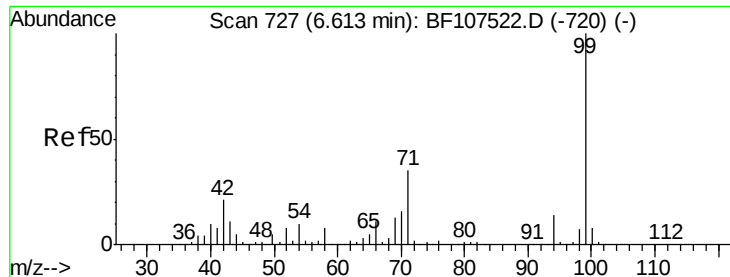


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.257 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

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ClientSampled :

TP-1MSD

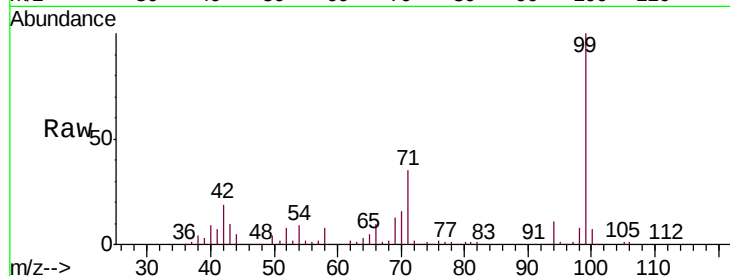
Tgt Ion: 99 Resp: 1774999

Ion Ratio Lower Upper

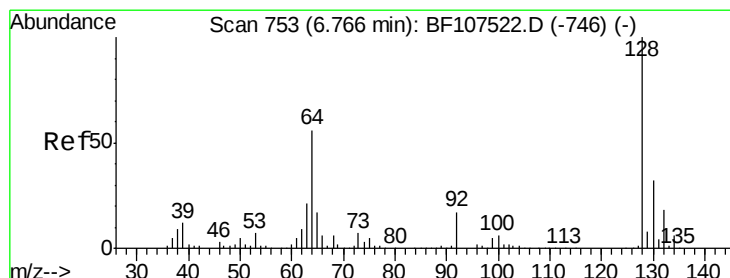
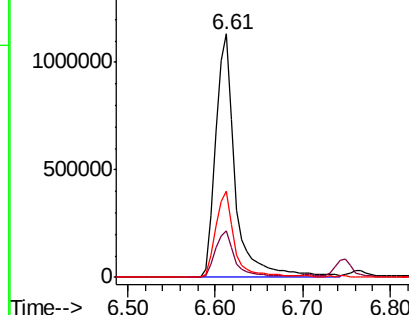
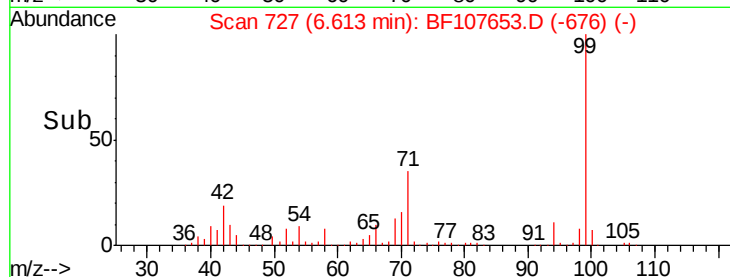
99 100

42 18.9 14.5 21.7

71 35.3 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: 41.731 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

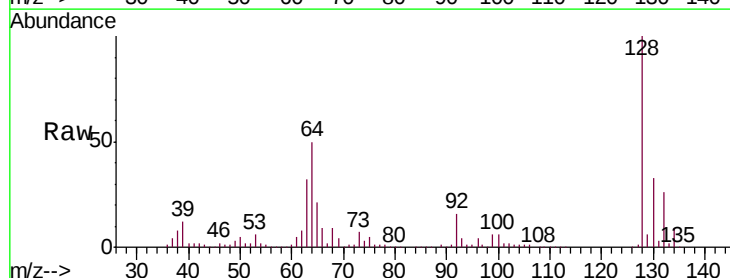
Tgt Ion: 128 Resp: 659223

Ion Ratio Lower Upper

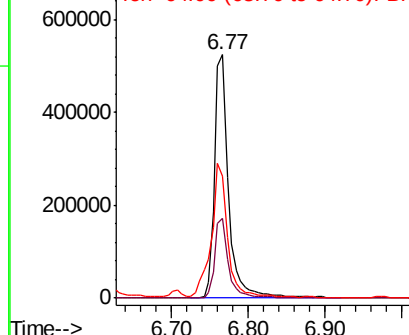
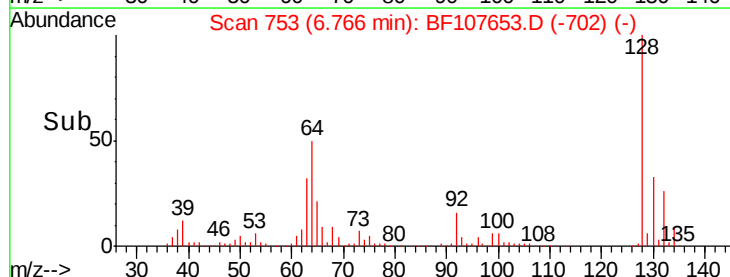
128 100

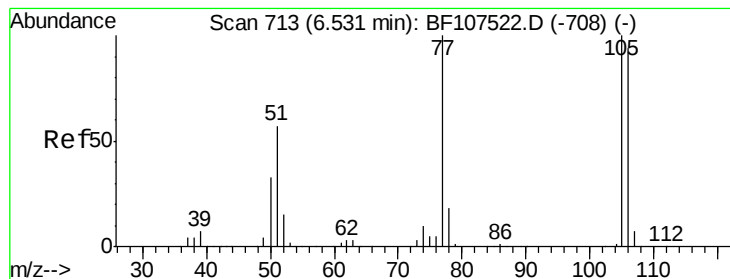
130 32.9 13.0 53.0

64 50.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.677 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

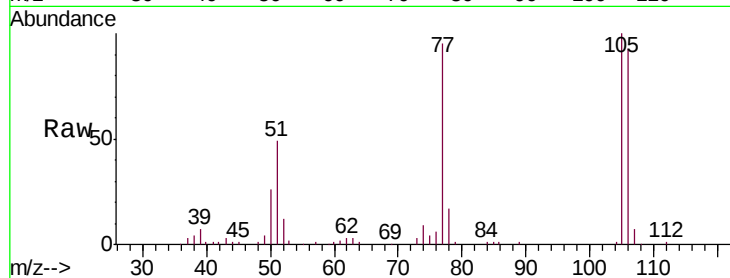
Tgt Ion: 77 Resp: 148115

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

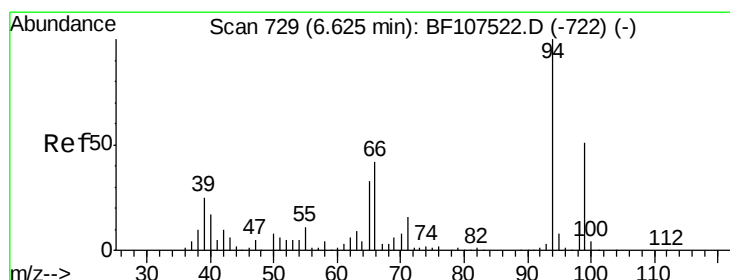
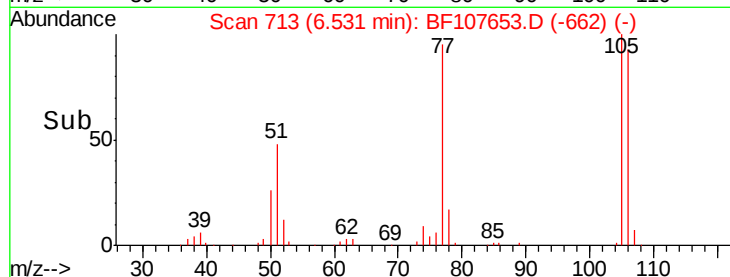
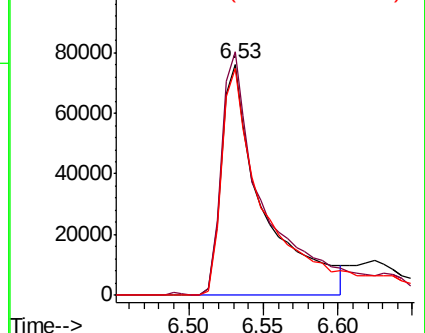
106 98.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.886 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

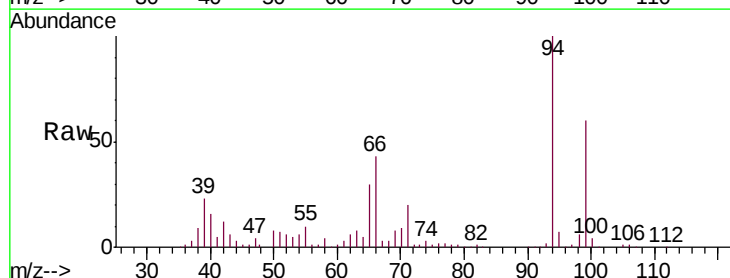
Tgt Ion: 94 Resp: 643092

Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

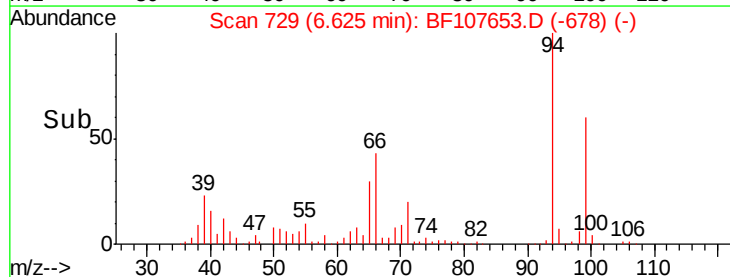
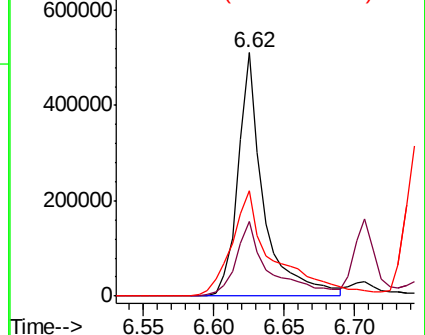
66 43.3 16.2 56.2

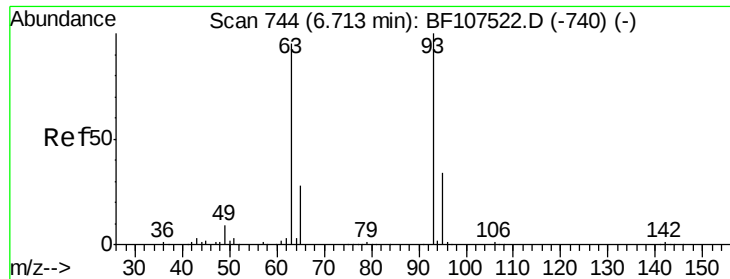


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

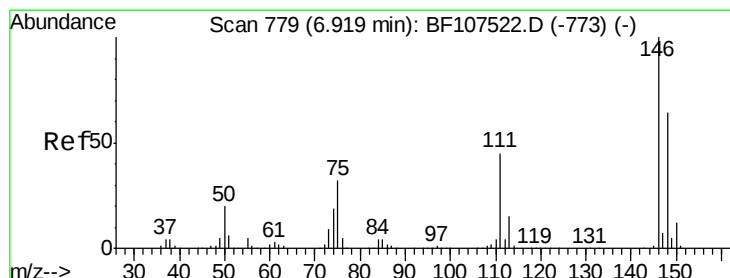
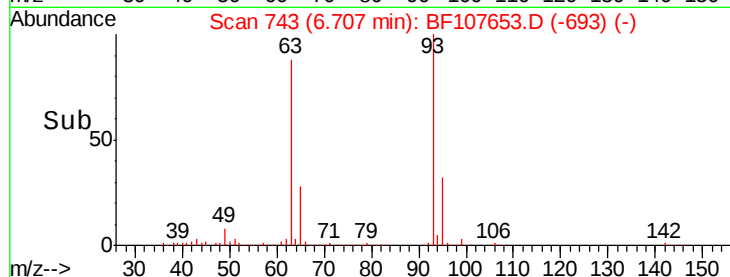
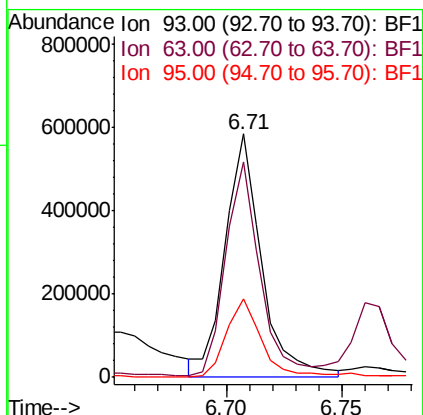
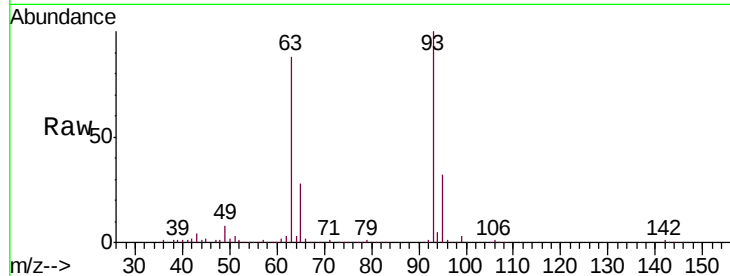




#11
 bis(2-Chloroethyl)ether
 Concen: 36.964 ng
 RT: 6.71 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

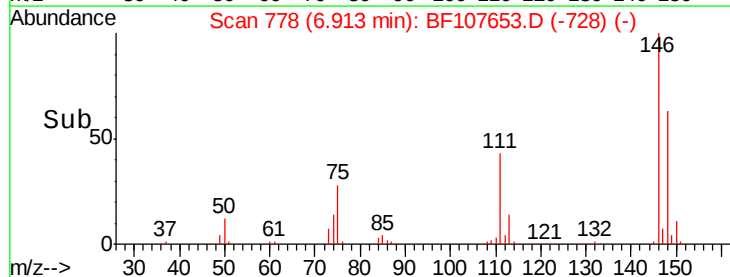
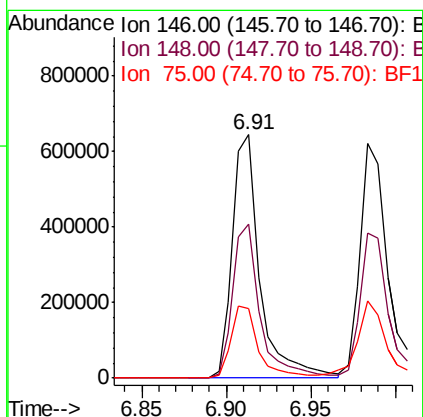
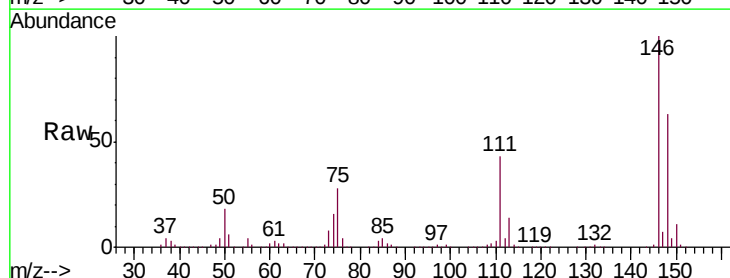
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

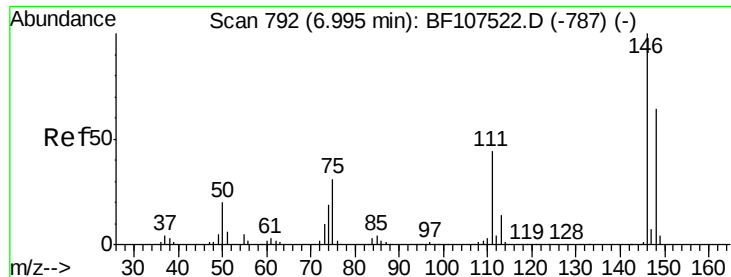
Tgt Ion: 93 Resp: 638088
 Ion Ratio Lower Upper
 93 100
 63 88.5 58.6 98.6
 95 32.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.788 ng
 RT: 6.91 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion: 146 Resp: 730521
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.8 77.8
 75 28.4 24.2 36.4

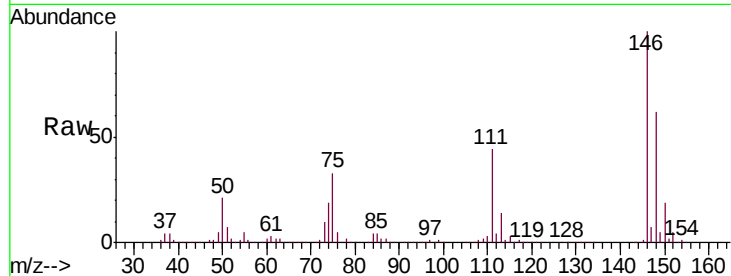




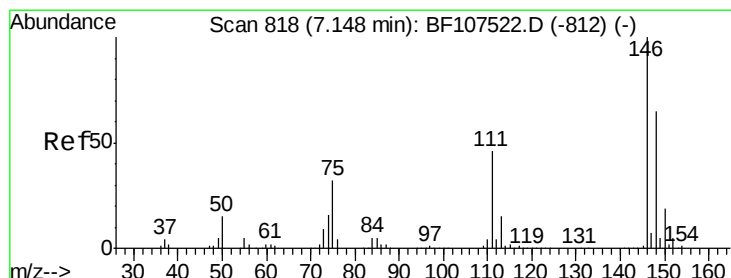
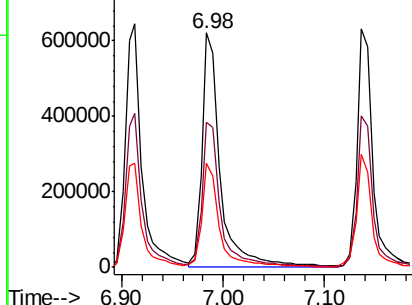
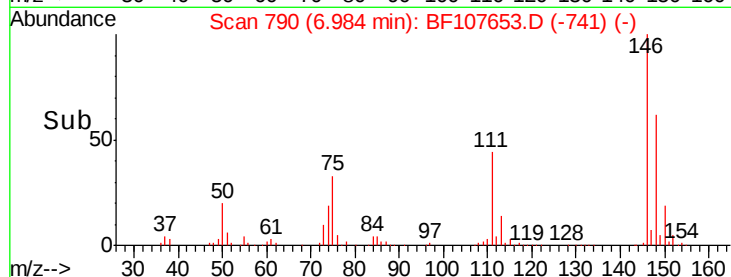
#13
 1,4-Dichlorobenzene
 Concen: 41.827 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:146 Resp: 767810
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.8 76.2
 111 44.2 34.2 51.2

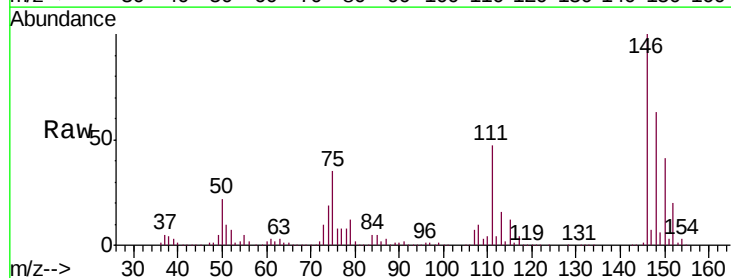


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

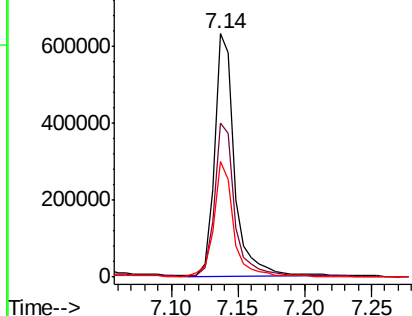
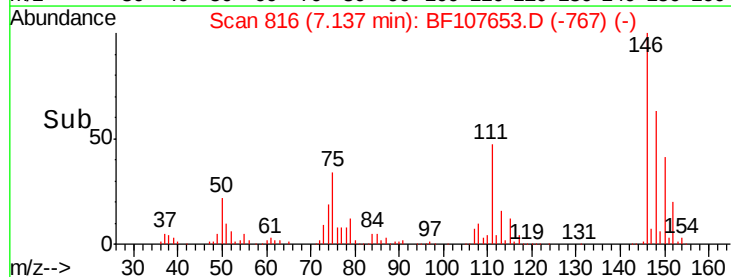


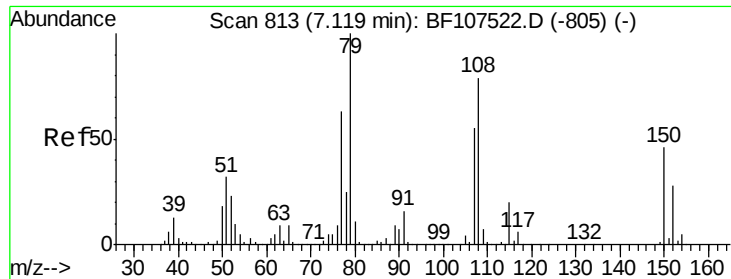
#14
 1,2-Dichlorobenzene
 Concen: 40.545 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:146 Resp: 667925
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 47.4 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

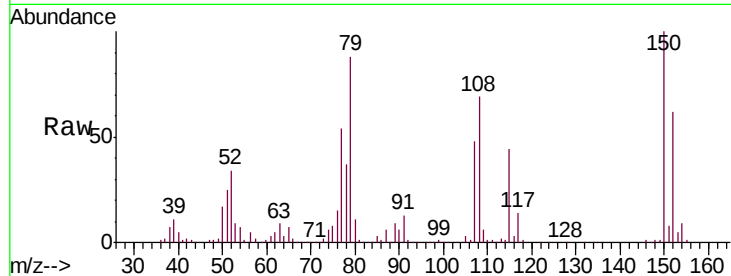




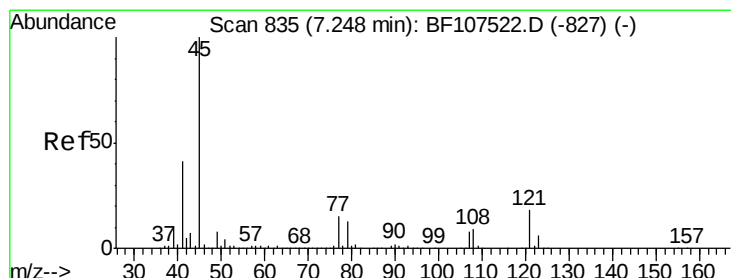
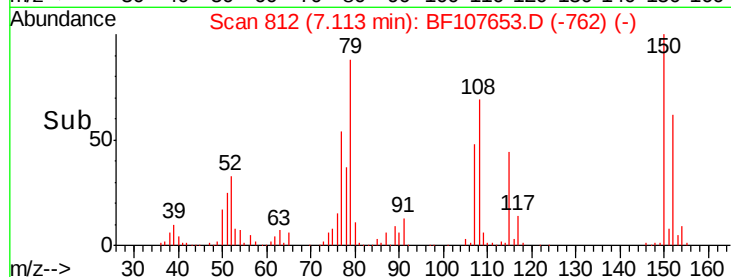
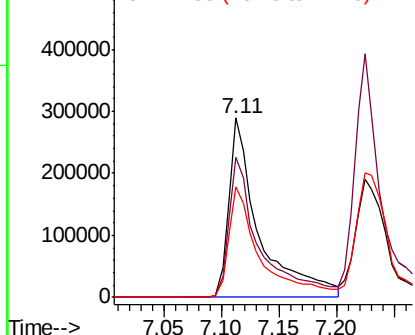
#15
Benzyl Alcohol
Concen: 43.801 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 79 Resp: 528509
Ion Ratio Lower Upper
79 100
108 78.3 65.1 97.7
77 61.6 50.6 75.8

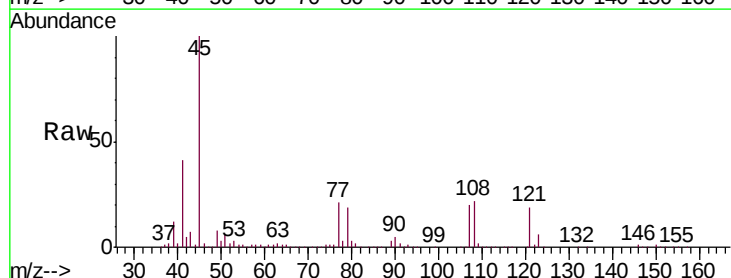


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

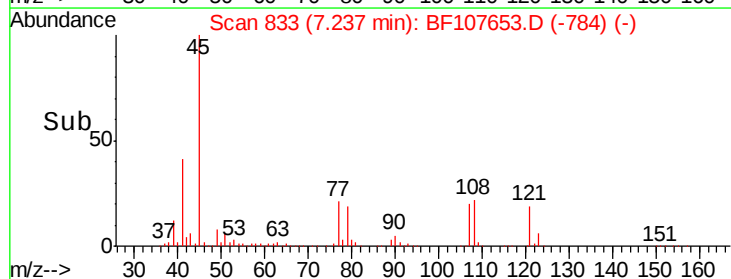
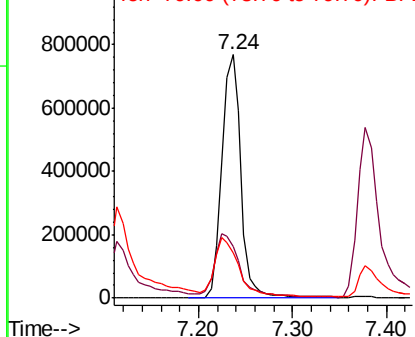


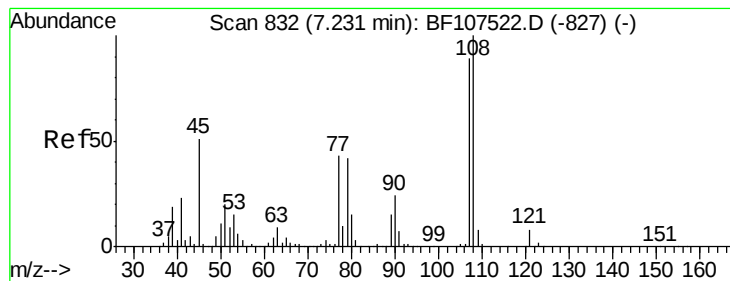
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.297 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion: 45 Resp: 1086173
Ion Ratio Lower Upper
45 100
77 21.1 0.0 32.9
79 18.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

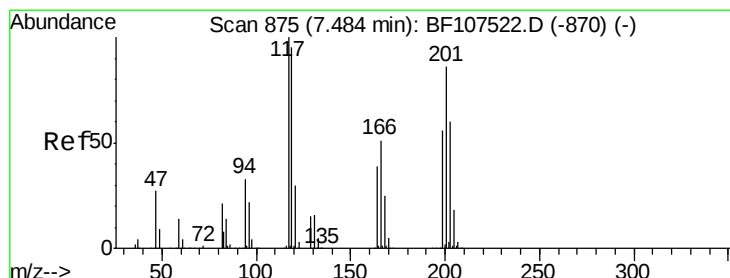
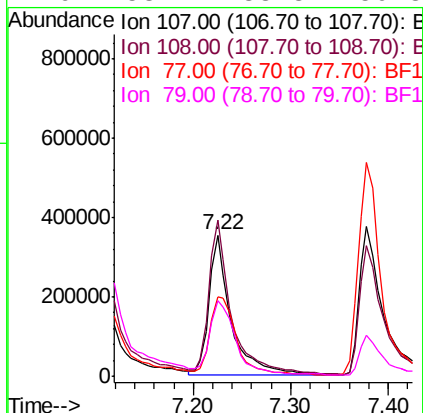
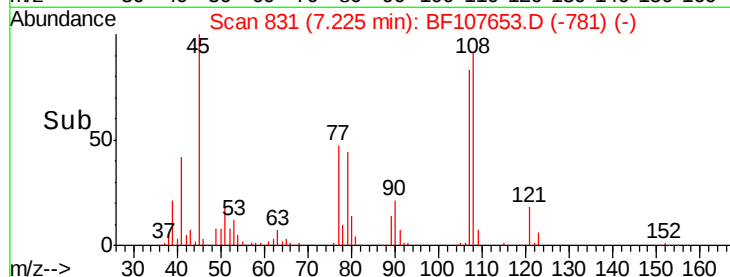
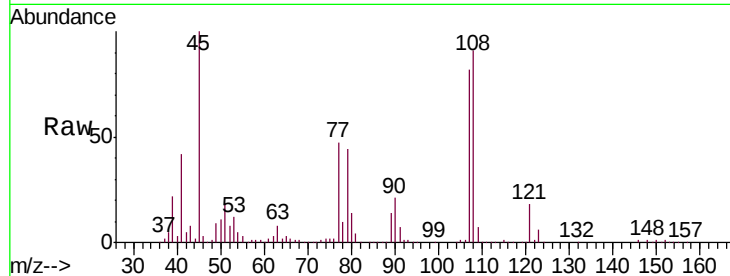




#17
2-Methylphenol
Concen: 41.379 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

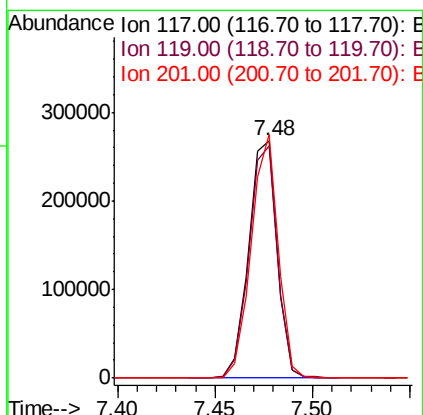
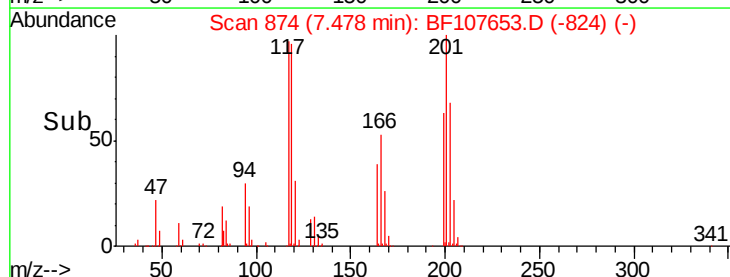
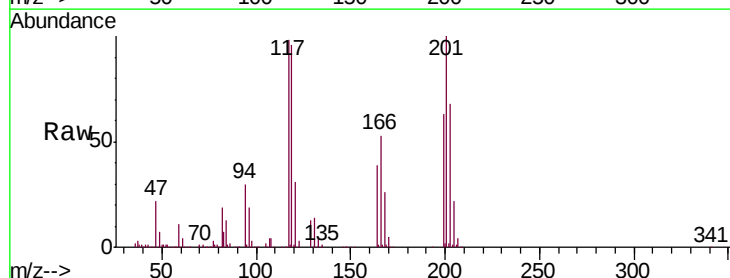
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

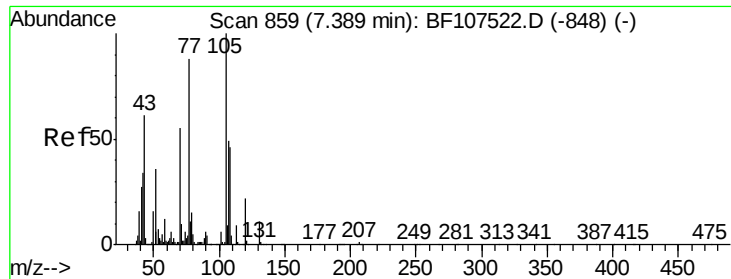
Tgt Ion:107 Resp: 555561
Ion Ratio Lower Upper
107 100
108 110.5 91.7 137.5
77 56.7 33.8 50.8#
79 53.7 33.8 50.8#



#18
Hexachloroethane
Concen: 42.130 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:117 Resp: 271255
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
201 102.5 75.7 113.5

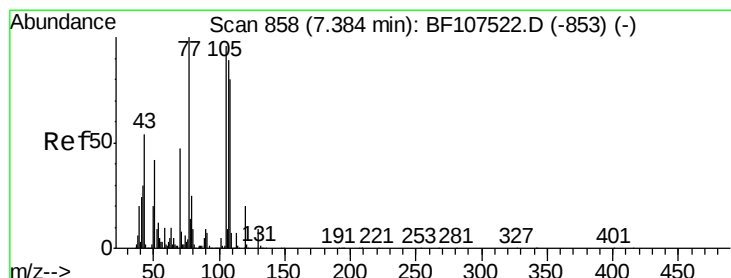
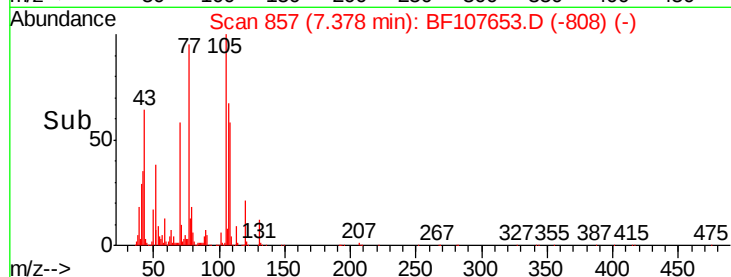
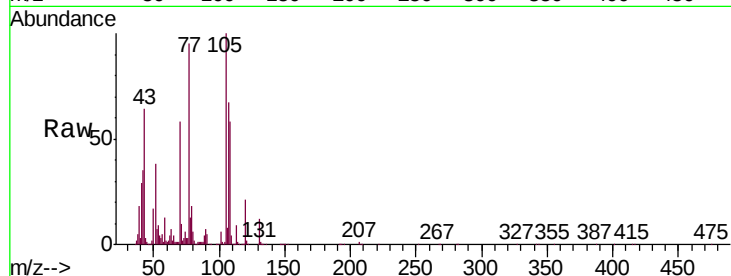
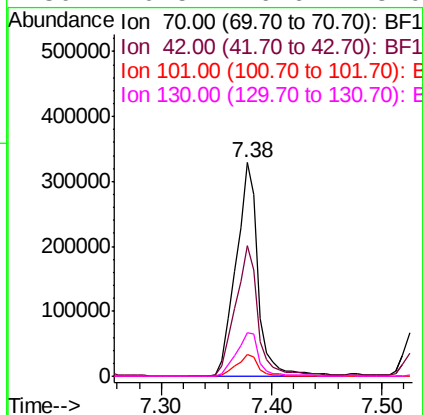




#19
n-Nitroso-di-n-propylamine
Concen: 40.669 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

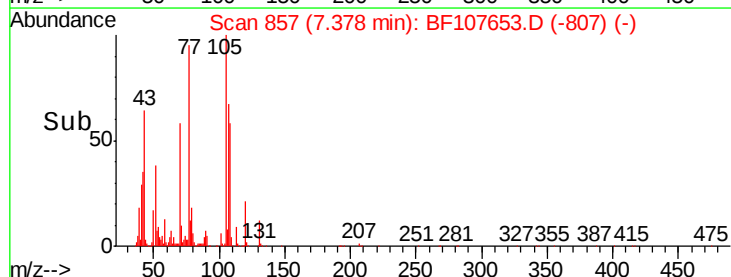
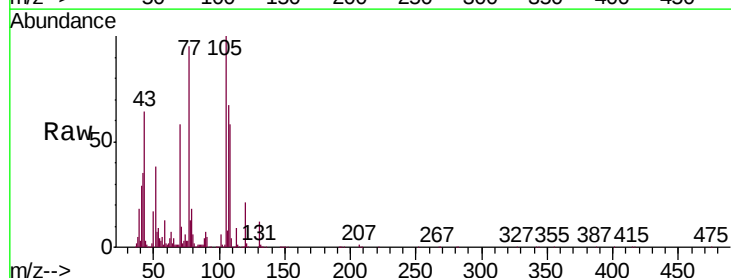
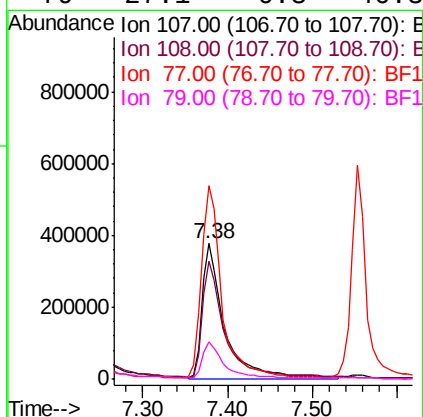
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

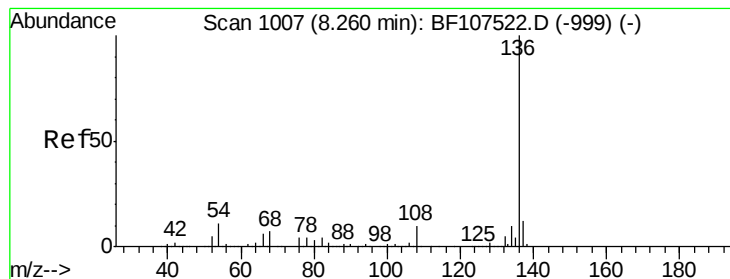
Tgt Ion:	70	Resp:	465141
Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.5	71.3
101	10.1	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.231 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:	107	Resp:	689232
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.2	108.2
77	142.6	26.7	66.7#
79	27.1	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: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:136 Resp: 939893

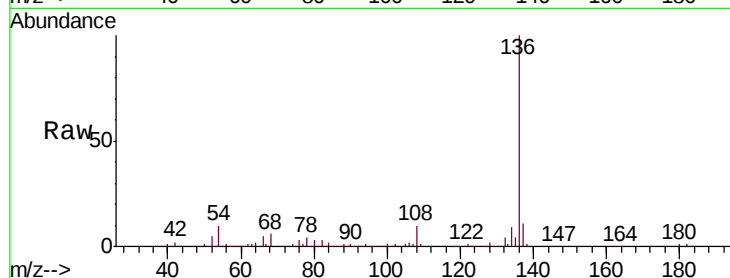
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.3 6.6 9.8#

68 5.8 5.0 7.4

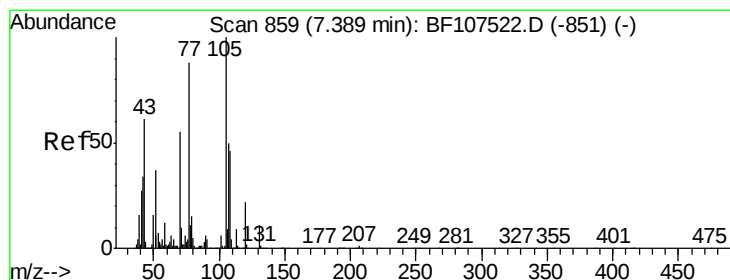
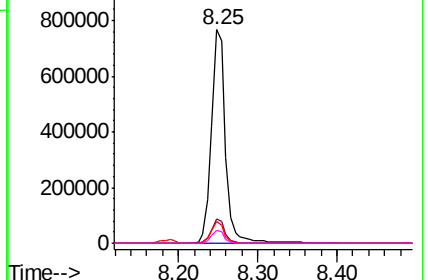
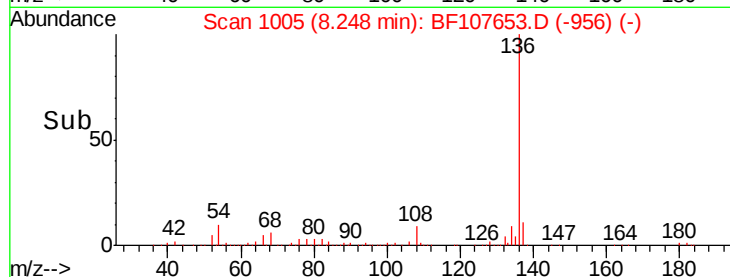


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.455 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Tgt Ion:105 Resp: 981282

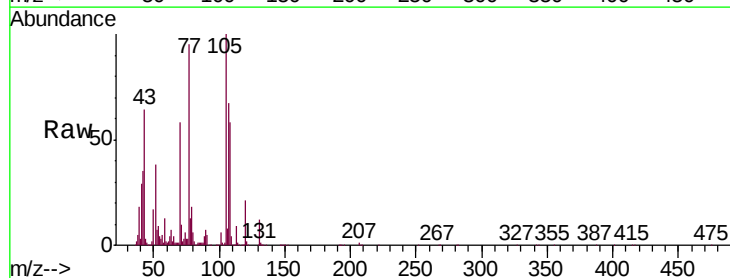
Ion Ratio Lower Upper

105 100

71 9.7 4.4 6.6#

51 38.1 22.3 33.5#

120 21.3 16.9 25.3

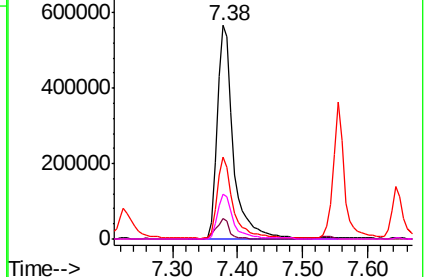
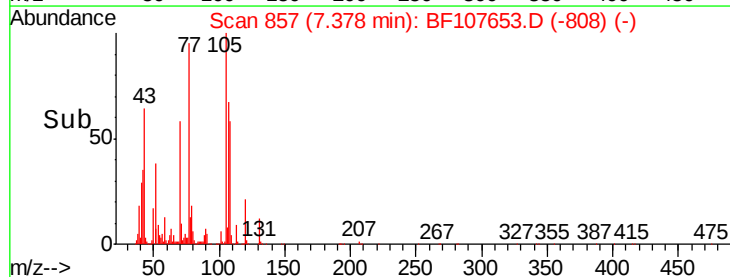


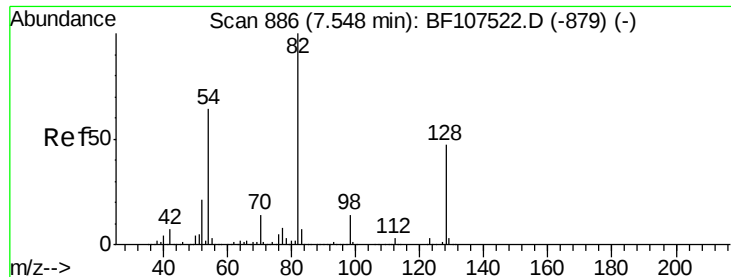
Abundance Ion 105.00 (104.70 to 105.70): E

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

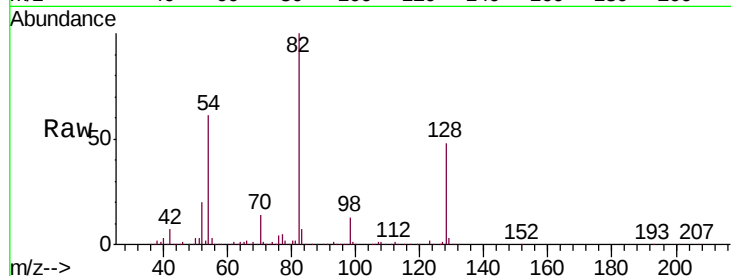




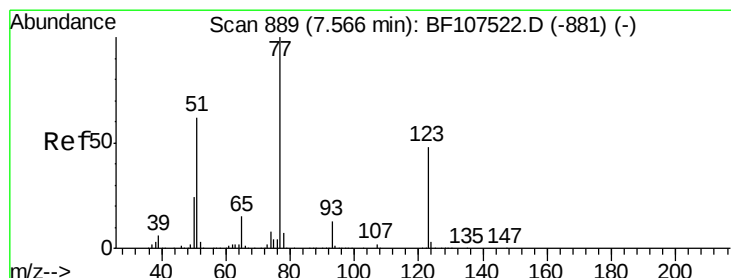
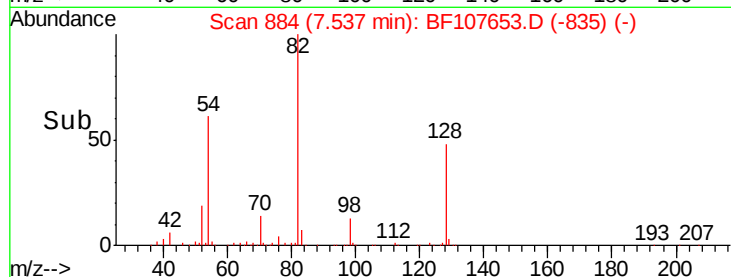
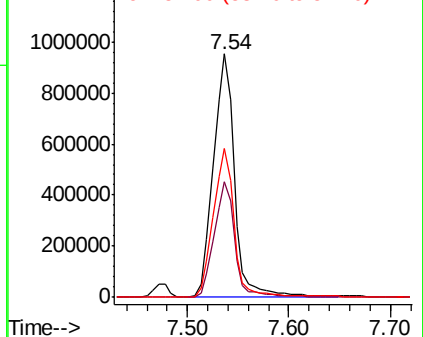
#23
 Nitrobenzene-d5
 Concen: 99.500 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion: 82 Resp: 1385724
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 61.3 41.4 62.2

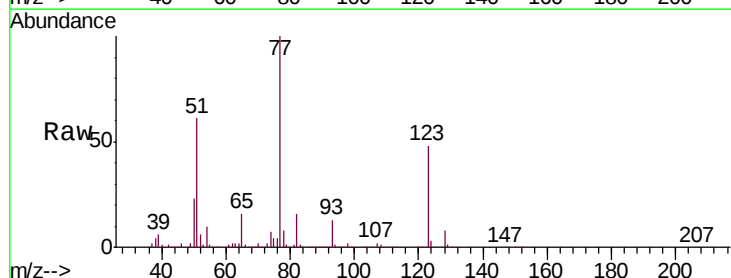


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

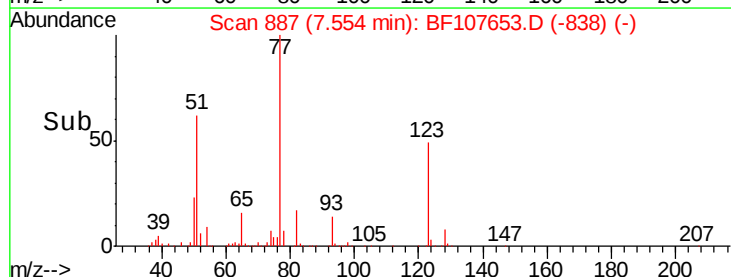
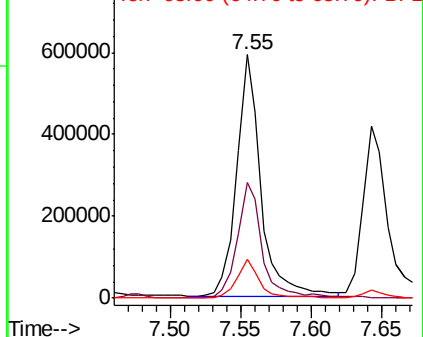


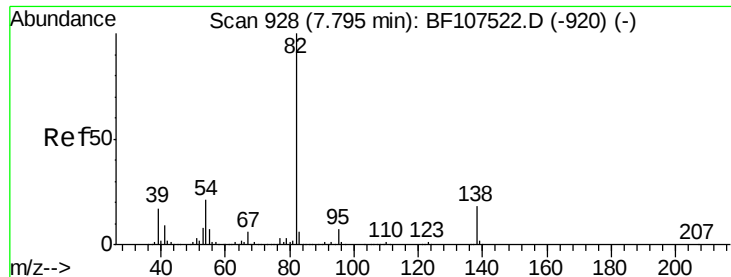
#24
 Nitrobenzene
 Concen: 44.030 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion: 77 Resp: 702343
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.9 56.9
 65 15.8 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: 44.125 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

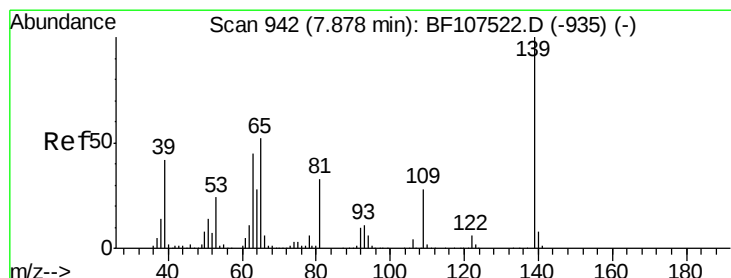
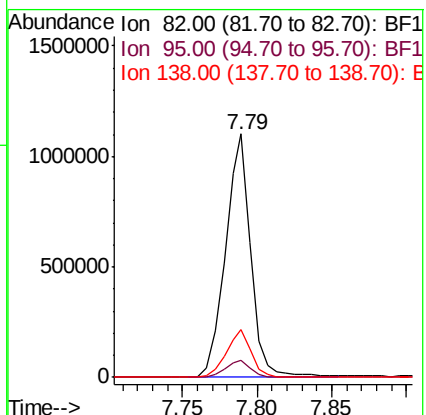
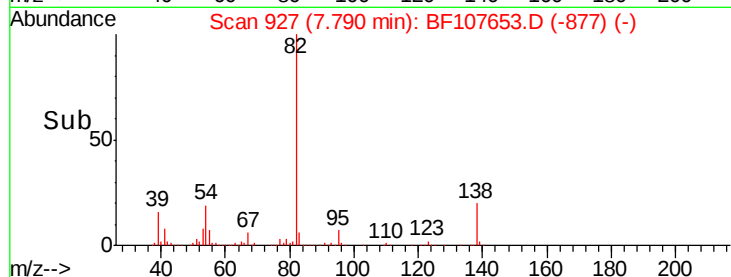
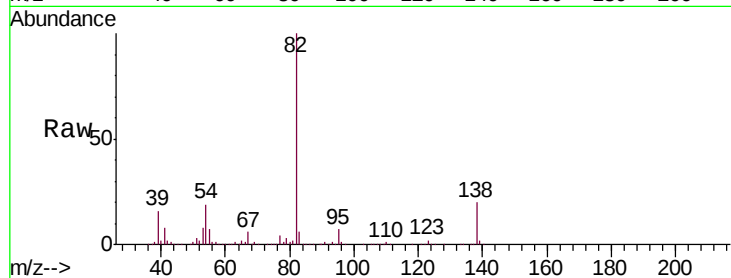
Tgt Ion: 82 Resp: 1312099

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 58.454 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

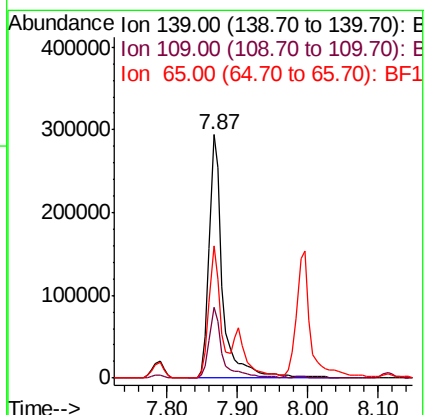
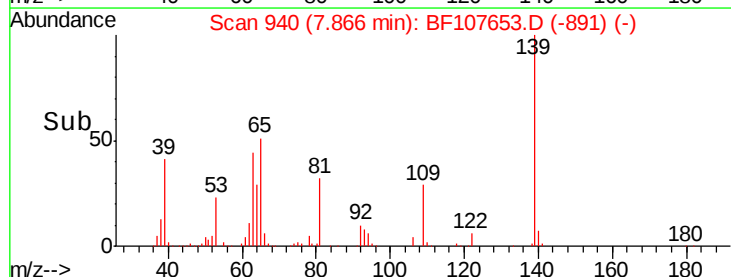
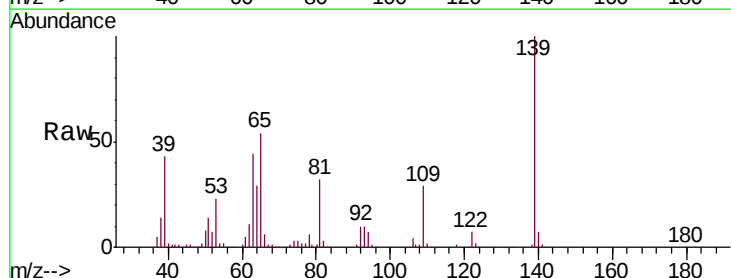
Tgt Ion: 139 Resp: 393753

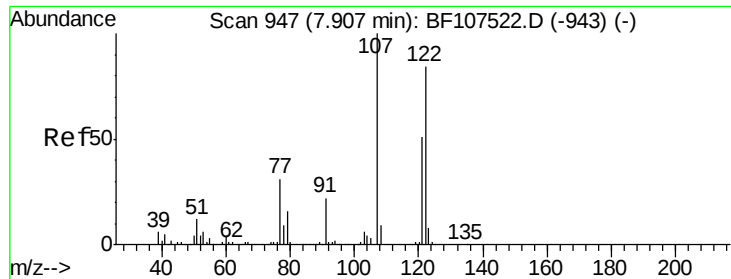
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 54.2 40.5 60.7

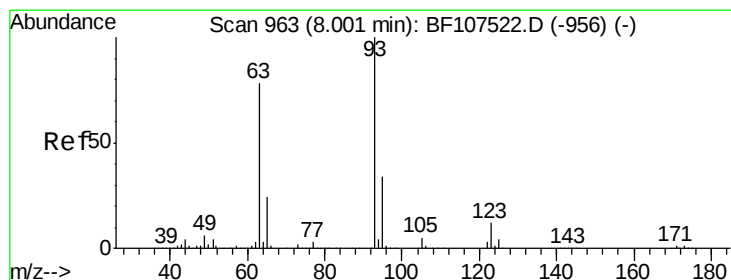
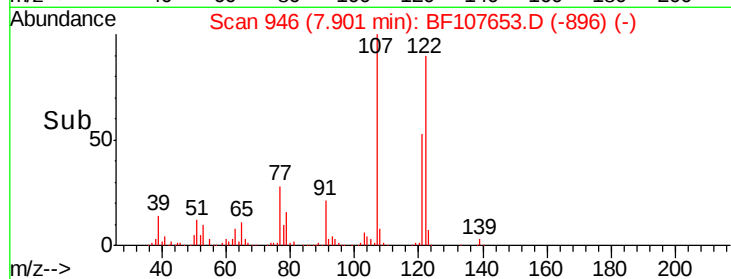
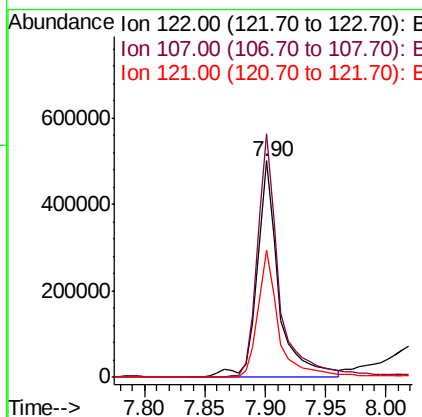
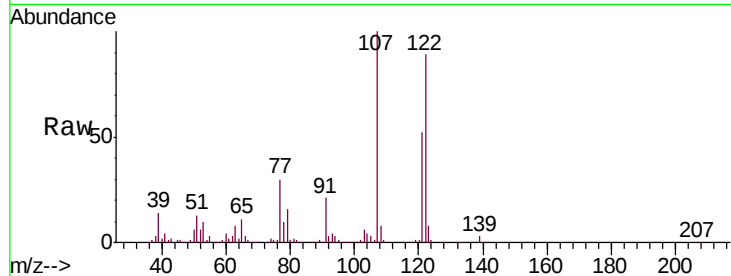




#27
 2,4-Dimethylphenol
 Concen: 49.209 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

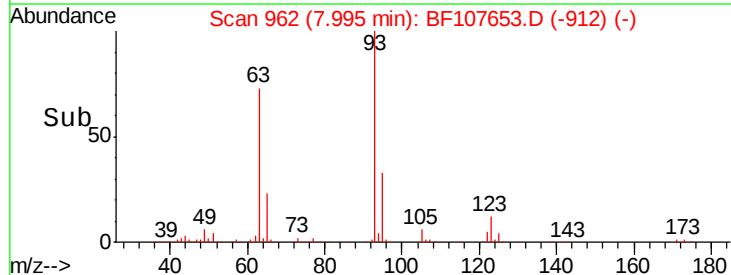
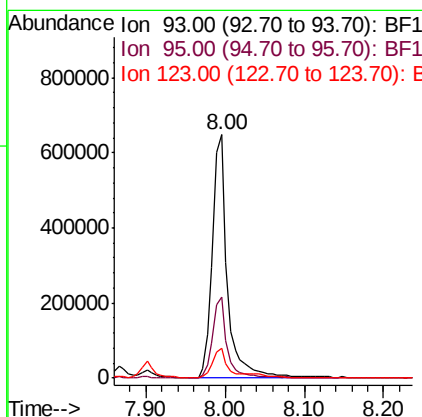
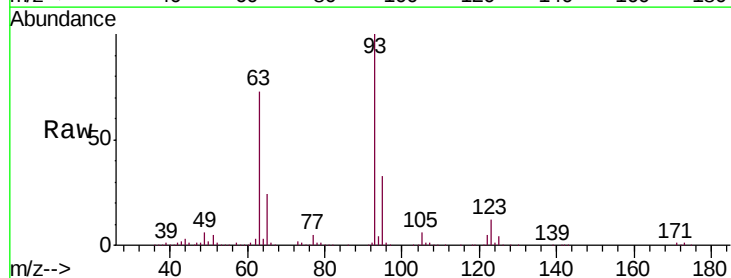
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

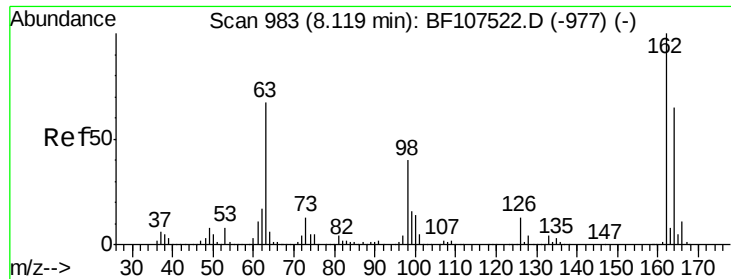
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	58.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.751 ng
 RT: 8.00 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.2	9.8	14.6

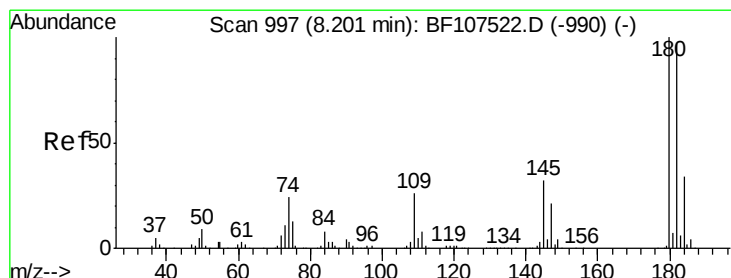
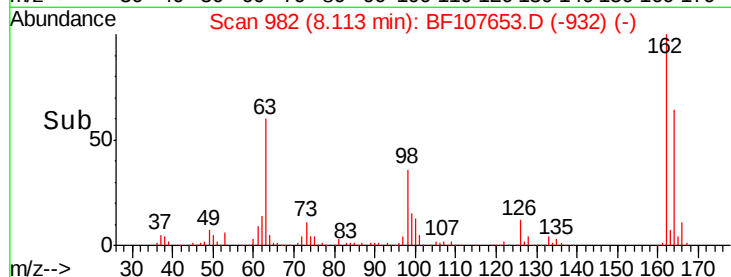
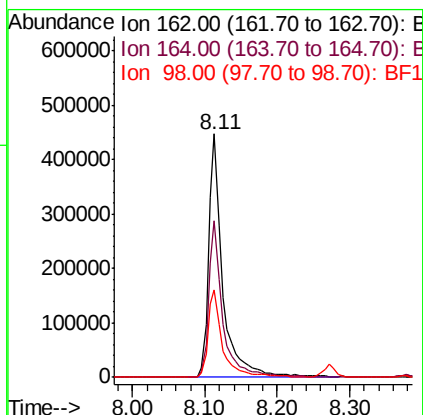
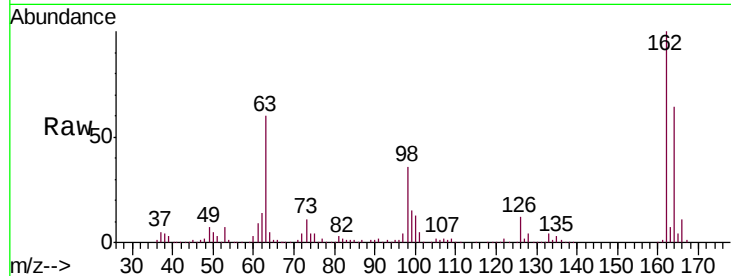




#29
2,4-Dichlorophenol
Concen: 46.386 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

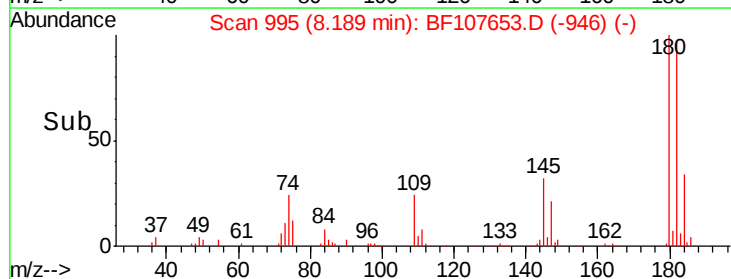
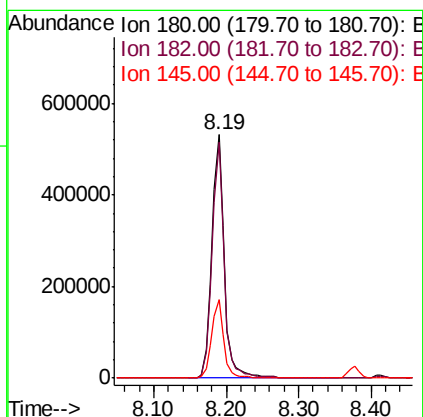
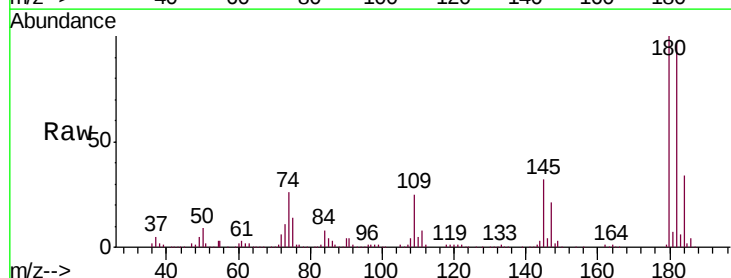
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

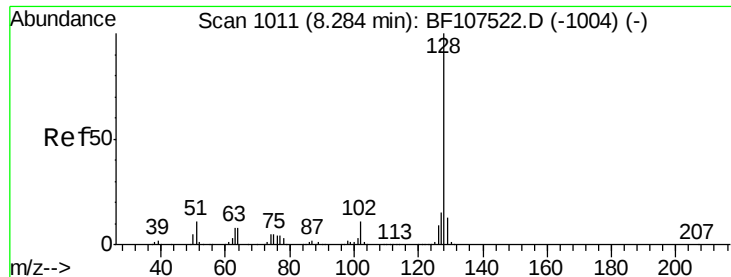
Tgt Ion:162 Resp: 604529
Ion Ratio Lower Upper
162 100
164 64.4 42.7 82.7
98 35.7 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 43.455 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:180 Resp: 636082
Ion Ratio Lower Upper
180 100
182 96.9 76.8 115.2
145 32.4 26.5 39.7

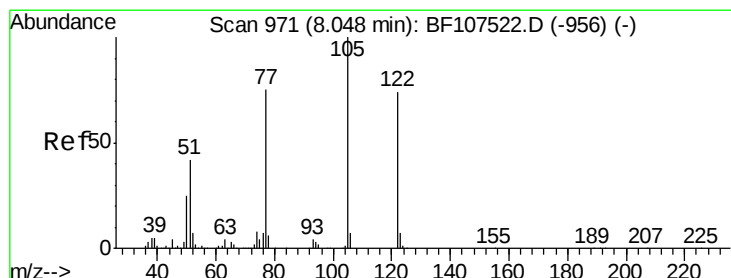
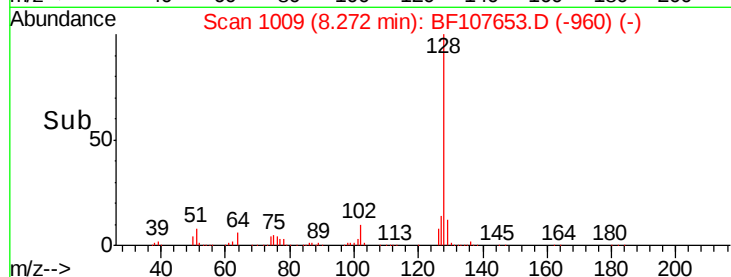
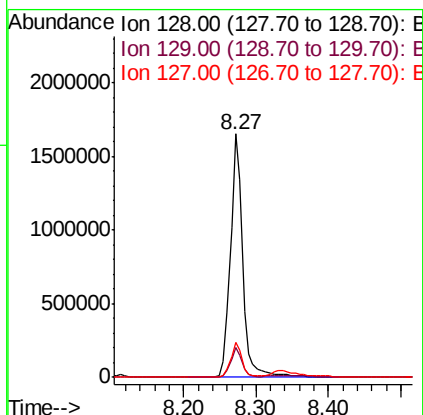
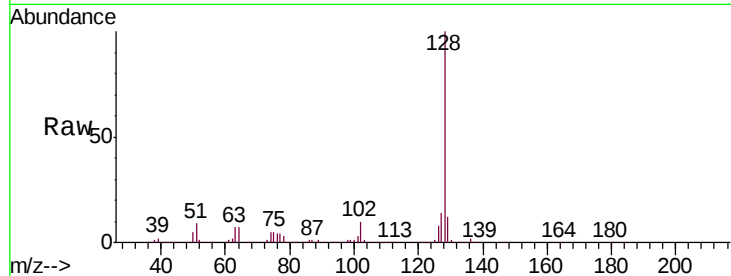




#31
Naphthalene
Concen: 48.055 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

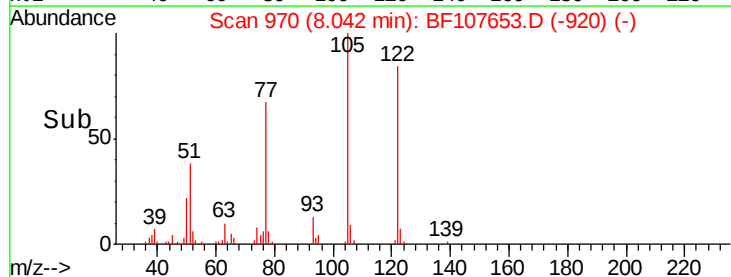
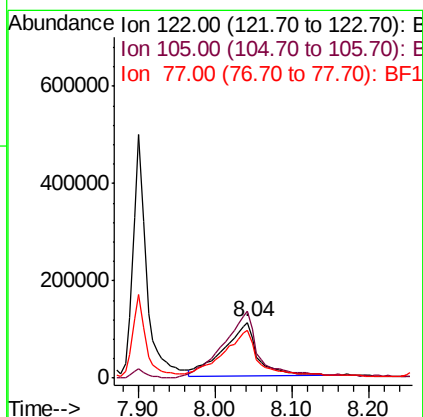
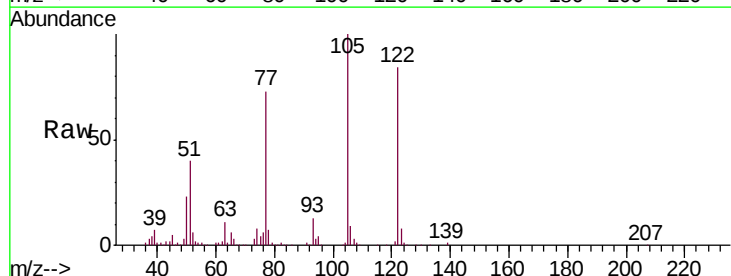
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

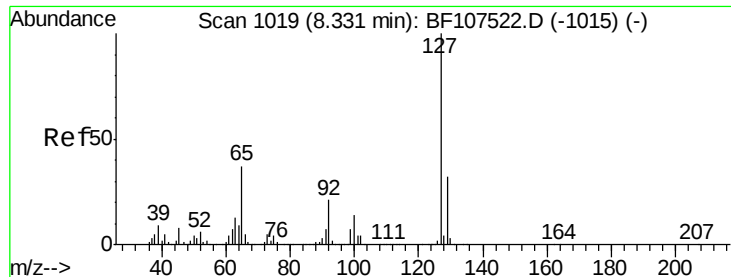
Tgt Ion:128 Resp: 1986180
Ion Ratio Lower Upper
128 100
129 12.3 8.8 13.2
127 14.1 10.9 16.3



#32
Benzoic acid
Concen: 40.316 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:122 Resp: 345408
Ion Ratio Lower Upper
122 100
105 119.1 101.1 141.1
77 86.5 70.7 110.7

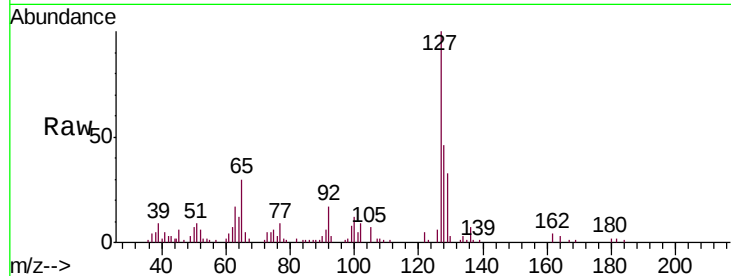




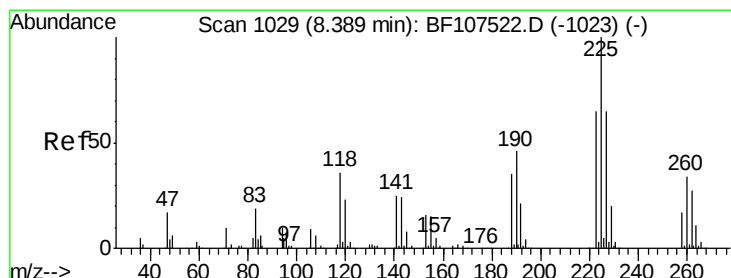
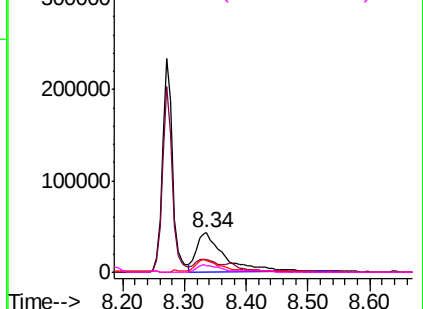
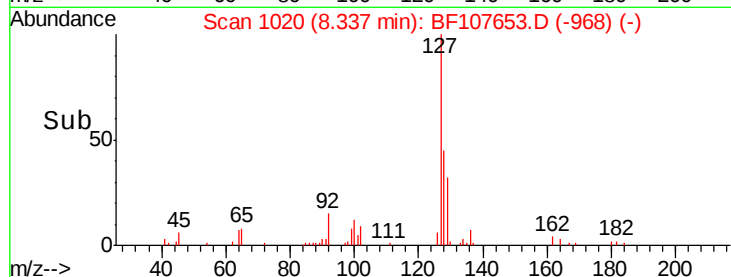
#33
4-Chloroaniline
Concen: 7.682 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:	127	Resp:	138775
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	30.3	25.0	37.4
92	16.8	15.2	22.8

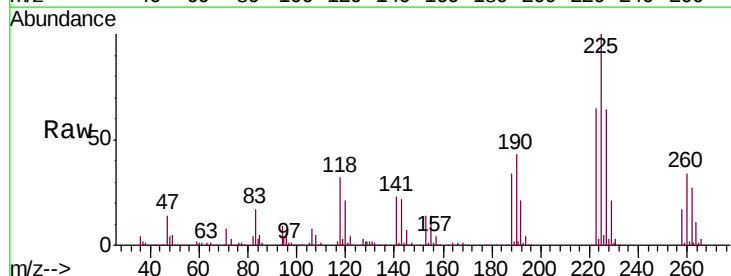


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

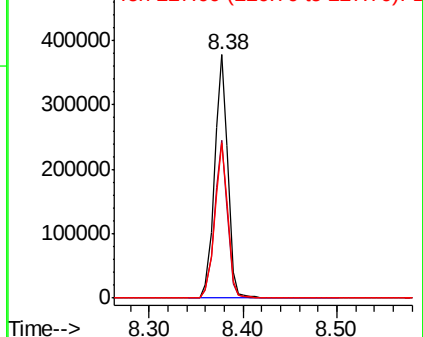
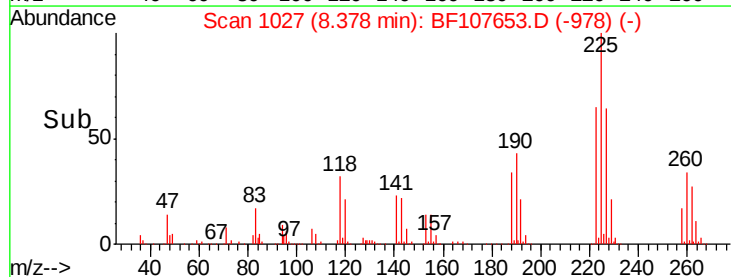


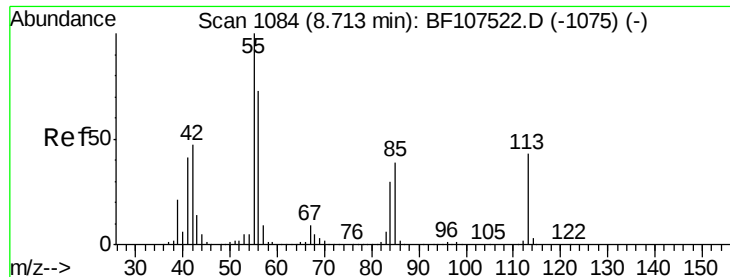
#34
Hexachlorobutadiene
Concen: 43.491 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:	225	Resp:	378282
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.8	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

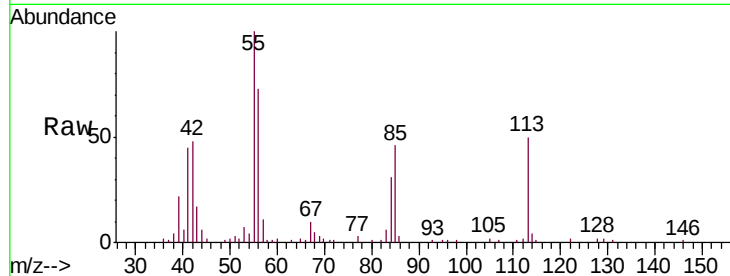




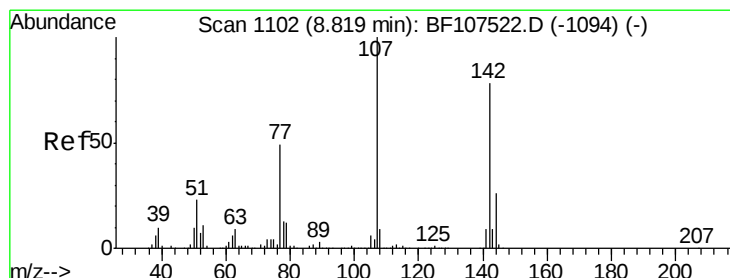
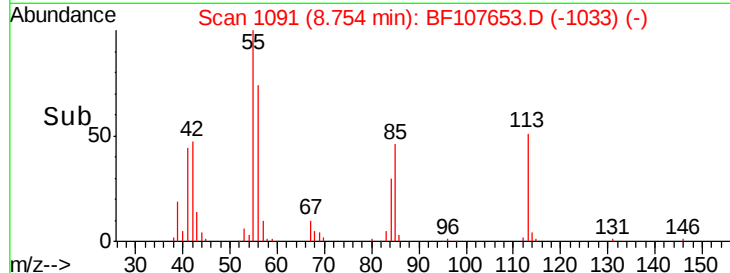
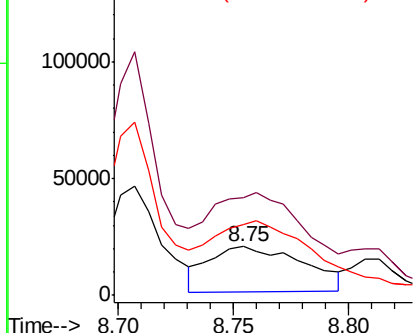
#35
 Caprolactam
 Concen: 13.028 ng
 RT: 8.75 min Scan# 1091
 Delta R.T. 0.04 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:113 Resp: 55224
 Ion Ratio Lower Upper
 113 100
 55 200.5 163.3 203.3
 56 146.8 115.7 155.7

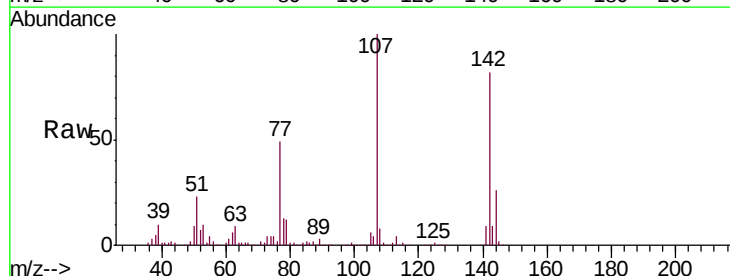


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

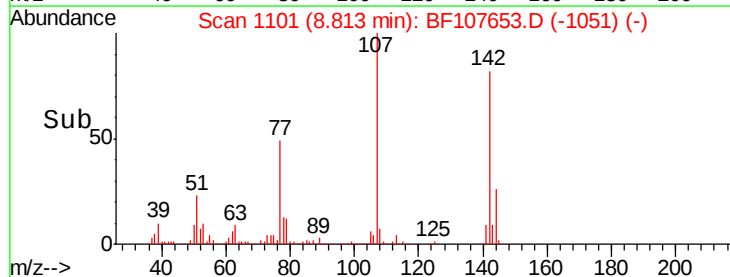
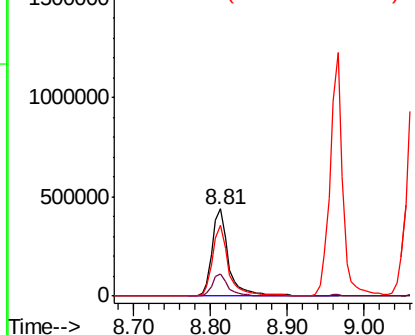


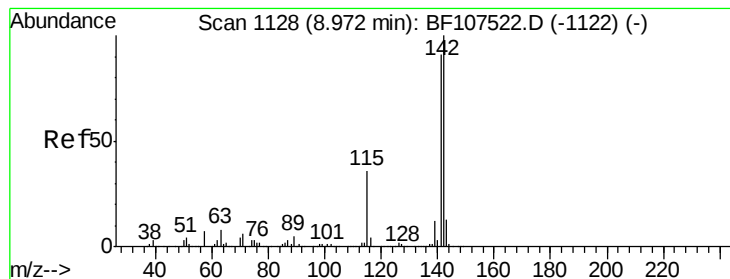
#36
 4-Chloro-3-methylphenol
 Concen: 45.355 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:107 Resp: 656607
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.5 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 48.882 ng

RT: 8.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

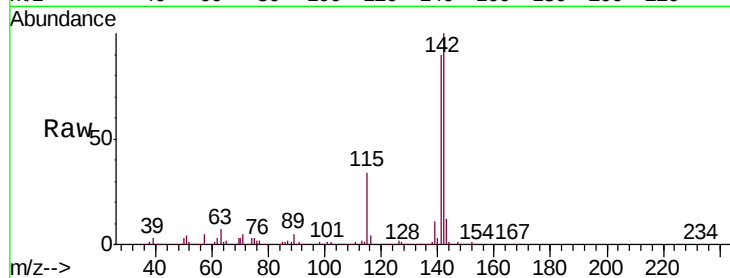
Tgt Ion:142 Resp: 1400026

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

115 34.1 26.1 39.1

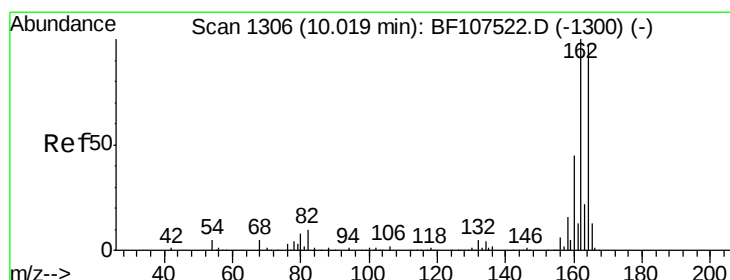
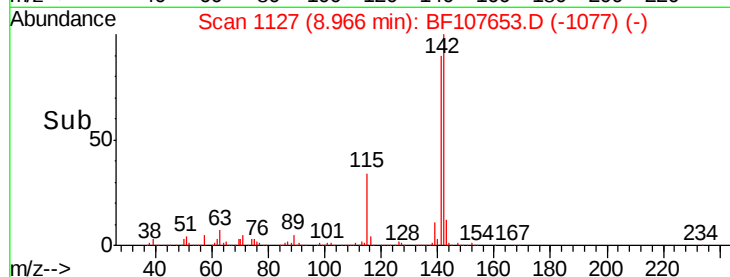
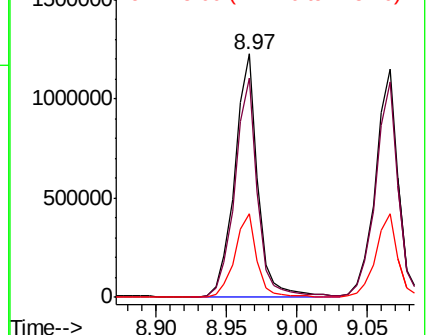


Abundance

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: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

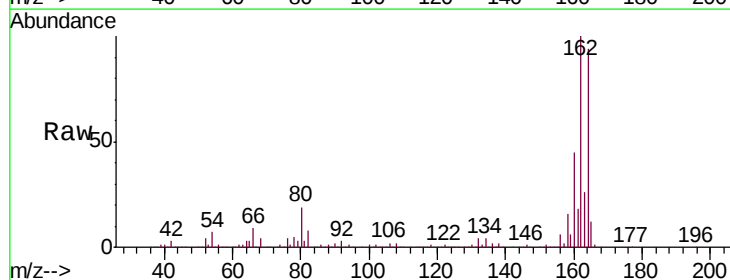
Tgt Ion:164 Resp: 421226

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

160 48.1 38.3 57.5

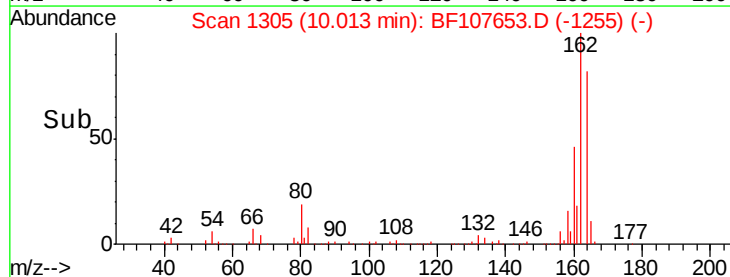
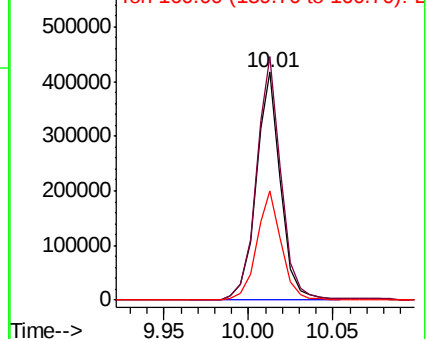


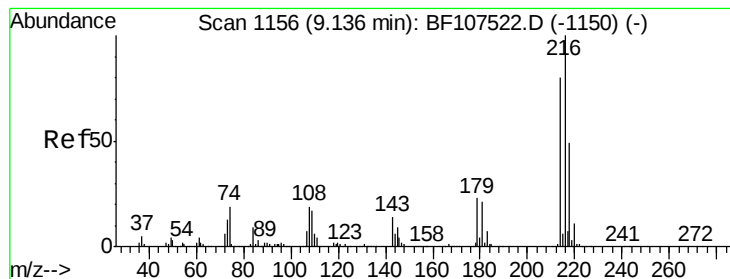
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.087 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:216 Resp: 661559

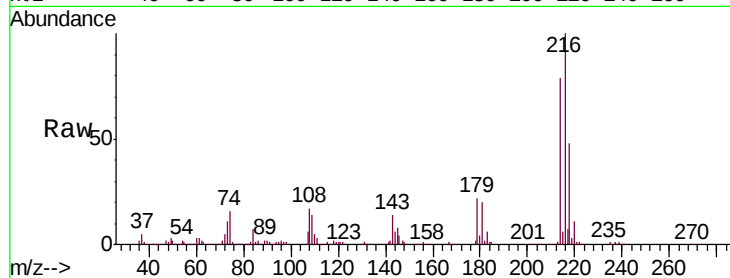
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.0 18.1 27.1

108 20.0 17.2 25.8

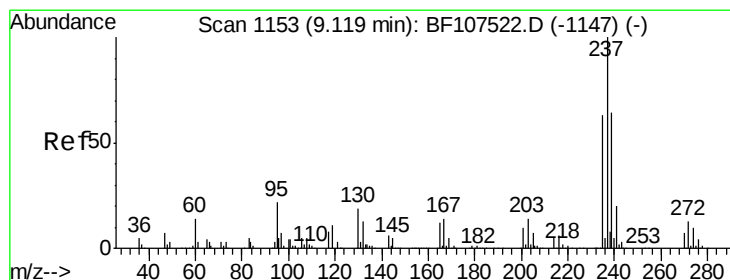
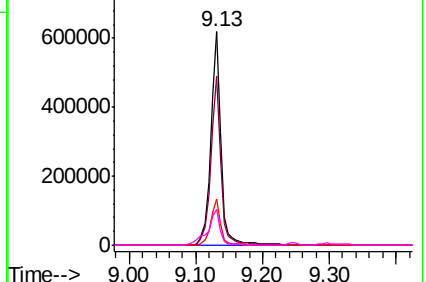
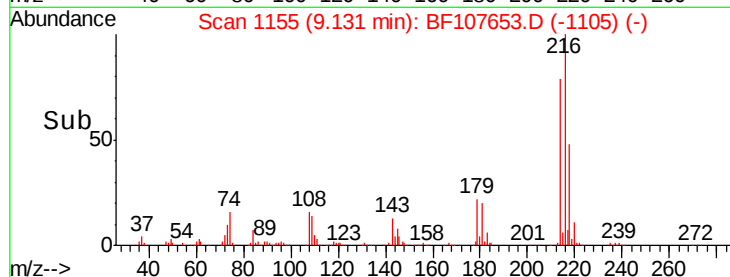


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.604 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

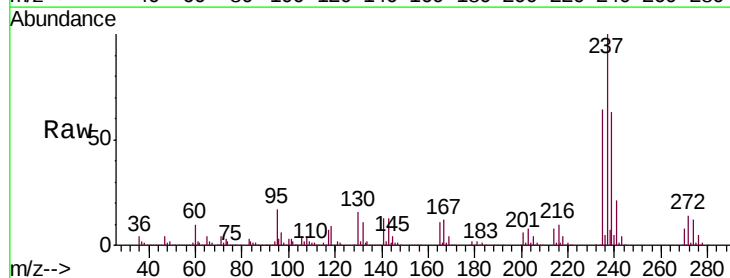
Tgt Ion:237 Resp: 732800

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

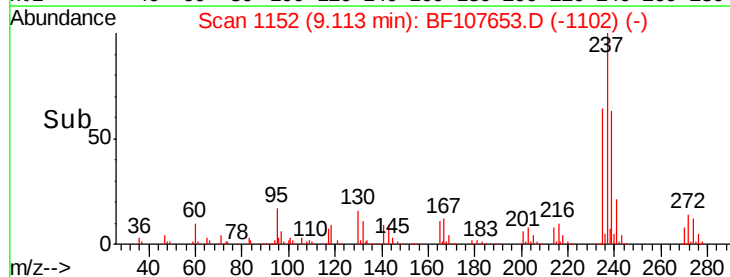
272 14.5 0.0 33.3



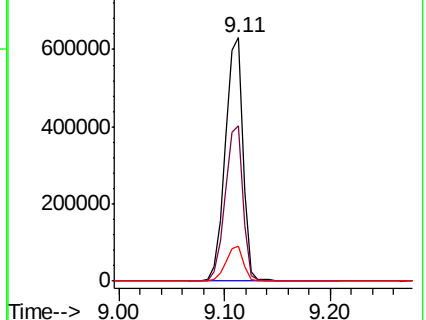
Abundance Ion 236.80 (236.50 to 237.50): E

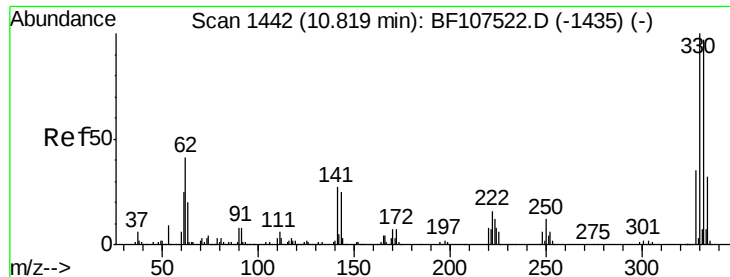
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

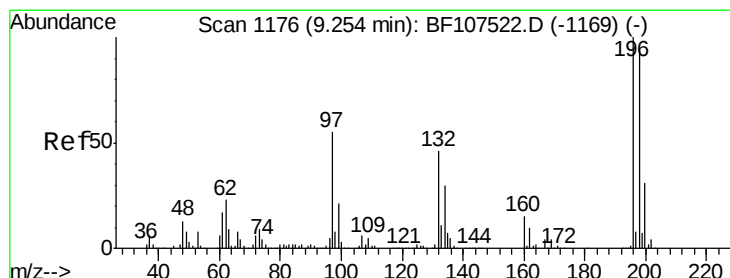
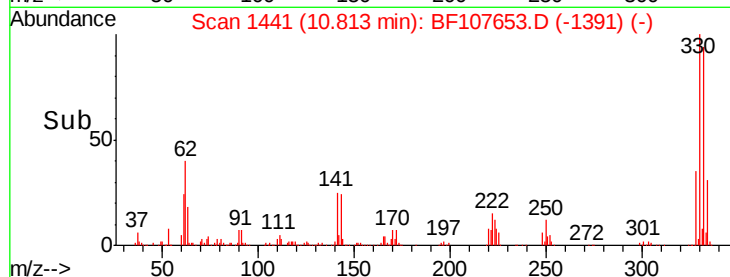
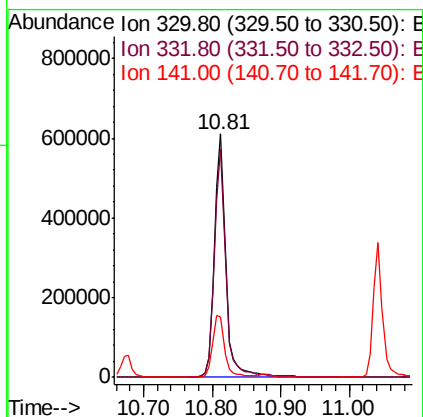
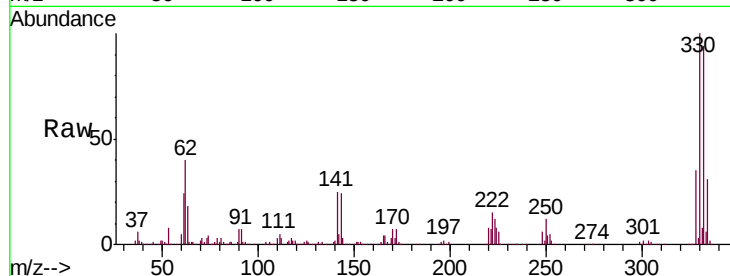




#41
 2,4,6-Tribromophenol
 Concen: 145.560 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

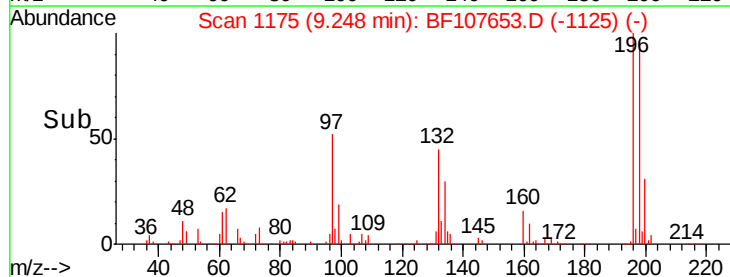
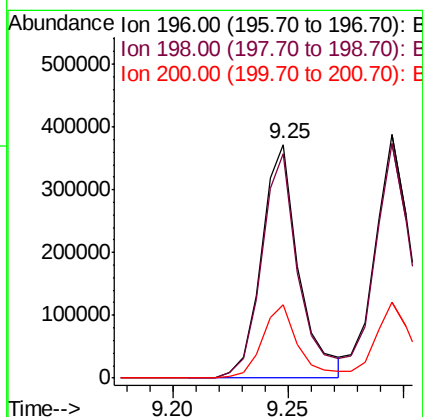
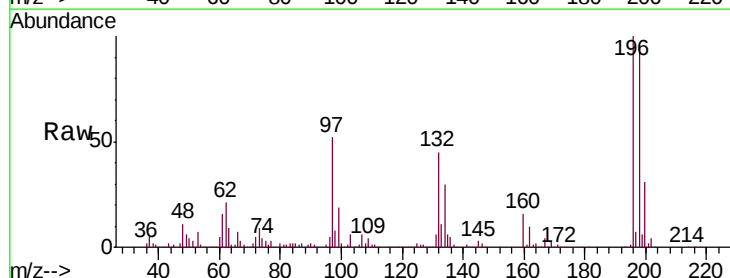
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

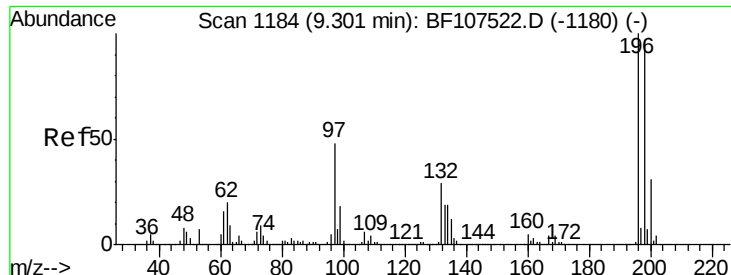
Tgt Ion:330 Resp: 697232
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 27.6 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 46.621 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:196 Resp: 419258
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 31.5 24.5 36.7

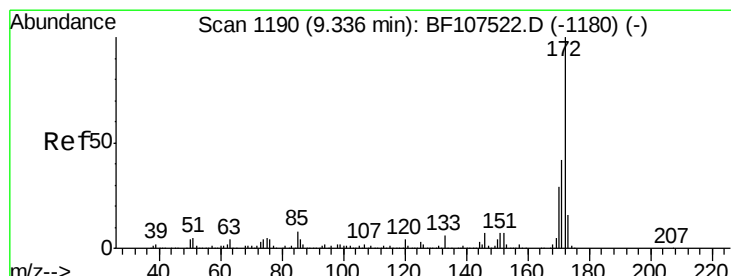
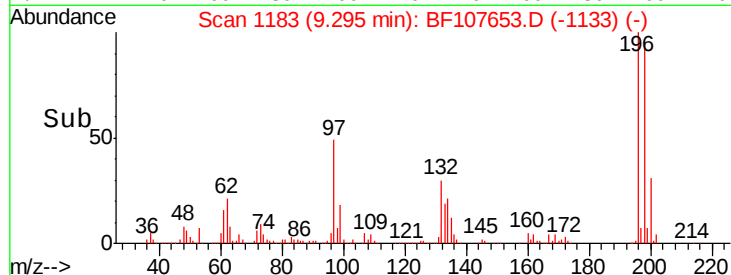
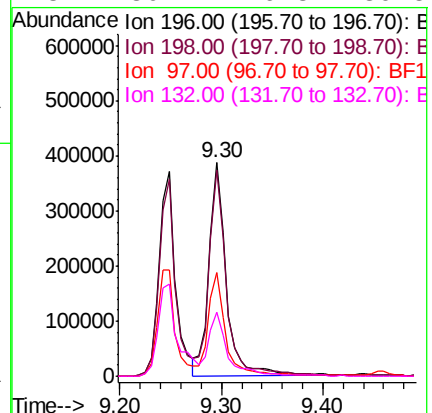
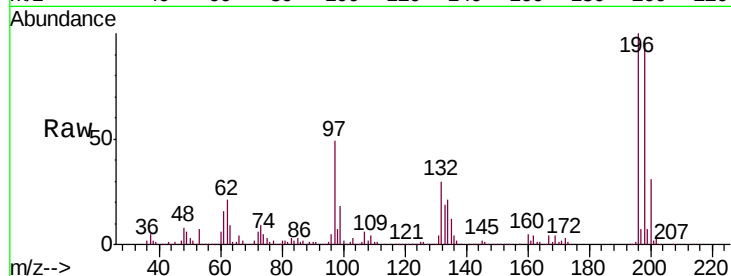




#43
 2,4,5-Trichlorophenol
 Concen: 48.990 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

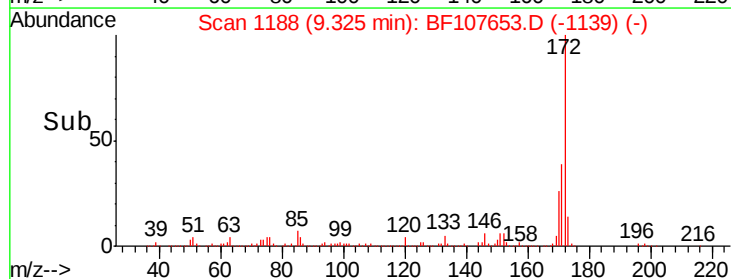
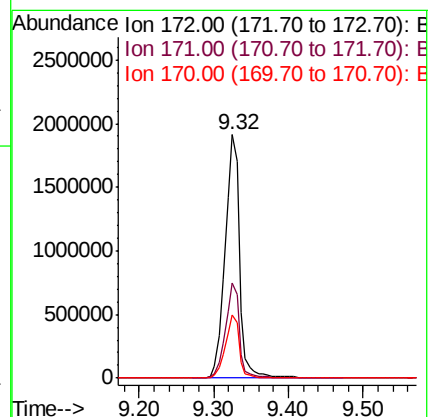
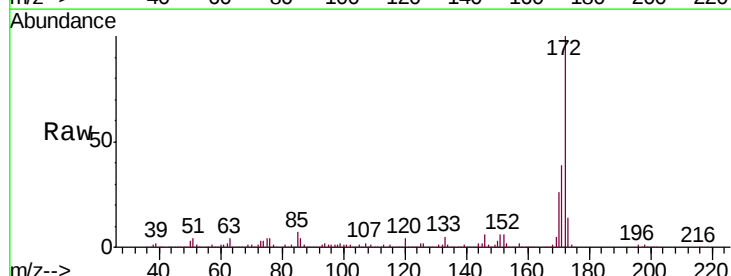
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

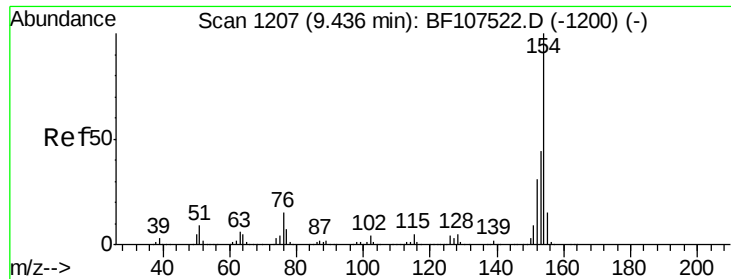
Tgt Ion:196 Resp: 460450
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 48.8 42.9 64.3
 132 30.2 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 114.518 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:172 Resp: 2565197
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.7 44.5
 170 26.1 19.6 29.4

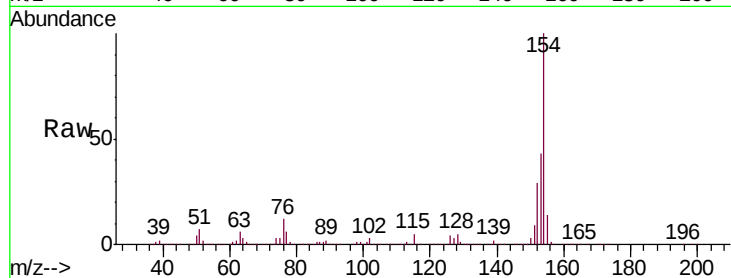




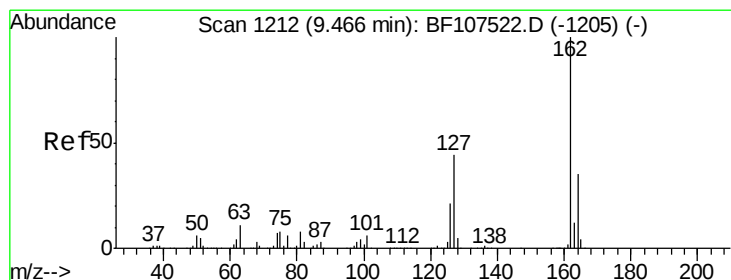
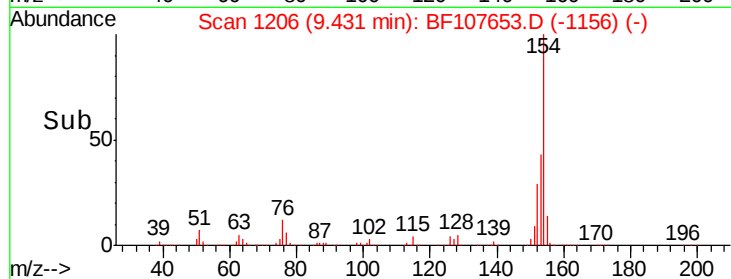
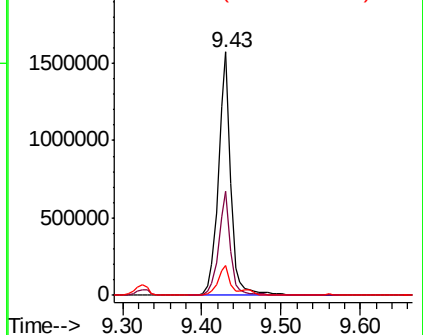
#45
 1,1'-Biphenyl
 Concen: 46.205 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion:154 Resp: 1695444
 Ion Ratio Lower Upper
 154 100
 153 42.9 21.3 61.3
 76 12.2 0.0 34.0

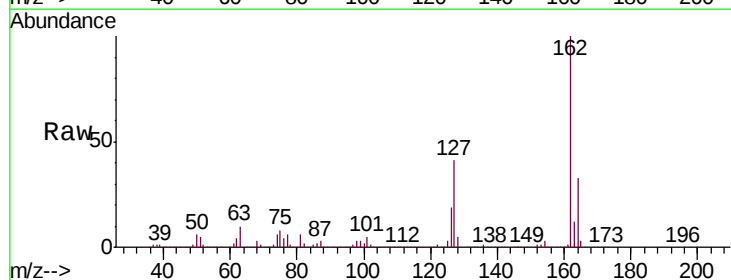


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

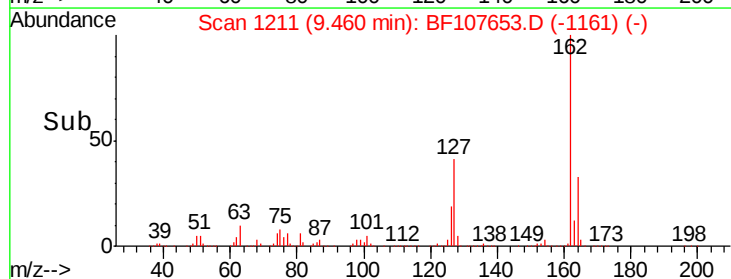
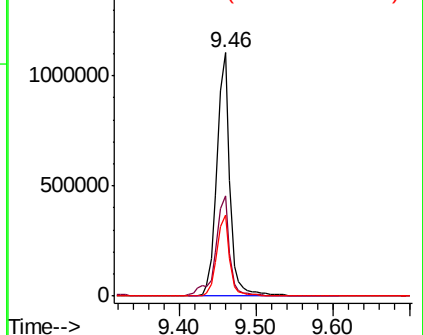


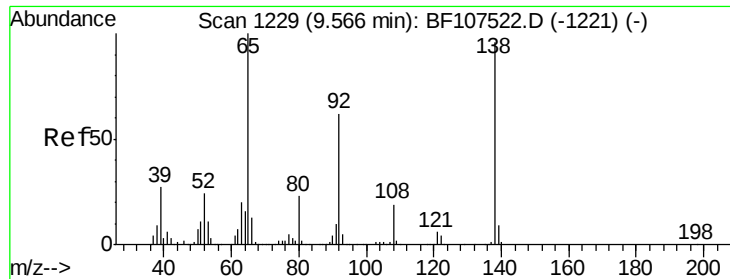
#46
 2-Chloronaphthalene
 Concen: 45.775 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:162 Resp: 1283862
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.9 50.9
 164 33.0 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

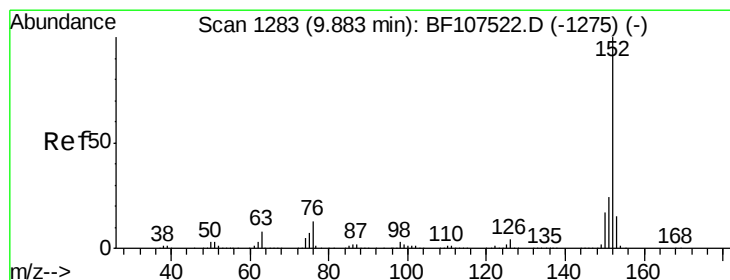
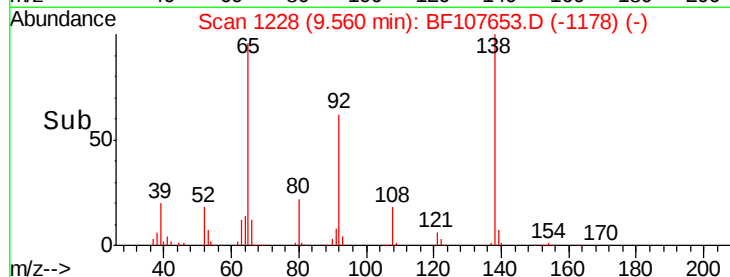
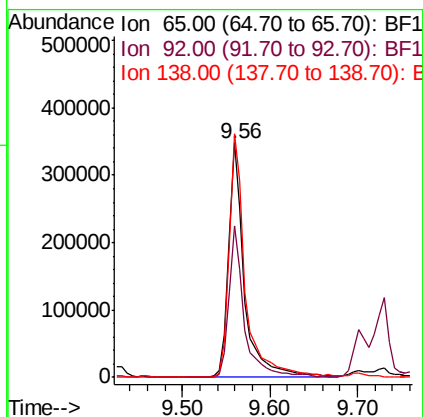
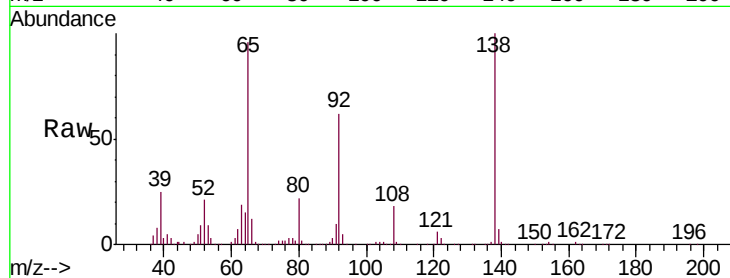




#47
2-Nitroaniline
Concen: 53.620 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

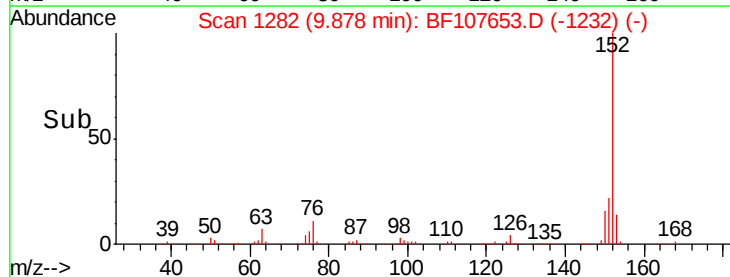
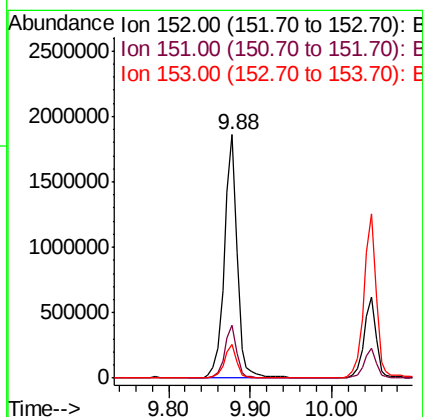
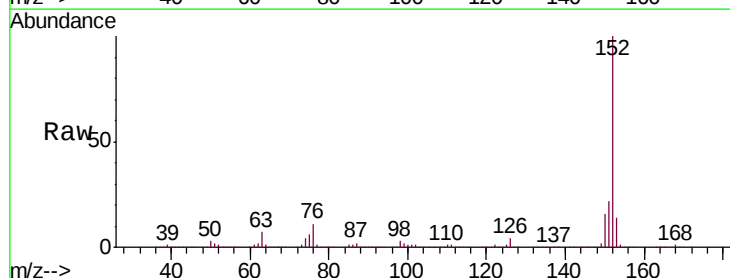
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

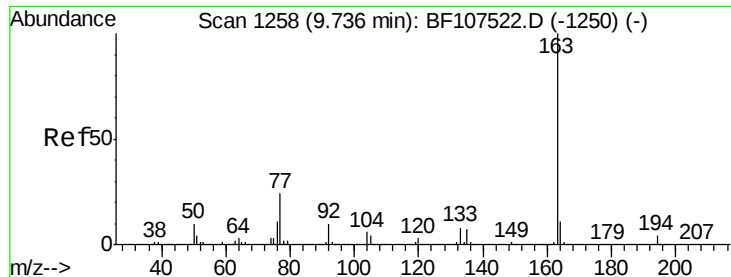
Tgt Ion: 65 Resp: 438440
Ion Ratio Lower Upper
65 100
92 64.5 55.8 83.6
138 103.8 91.2 136.8



#48
Acenaphthylene
Concen: 48.145 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion: 152 Resp: 2028480
Ion Ratio Lower Upper
152 100
151 21.9 16.3 24.5
153 14.0 10.7 16.1

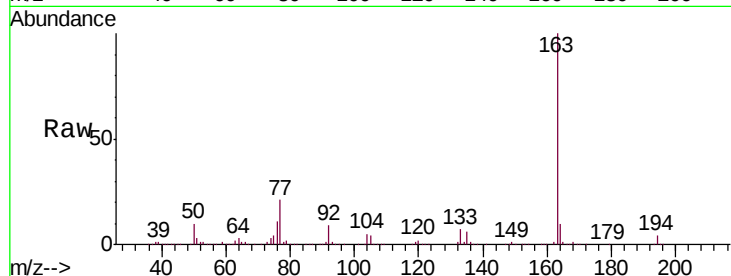




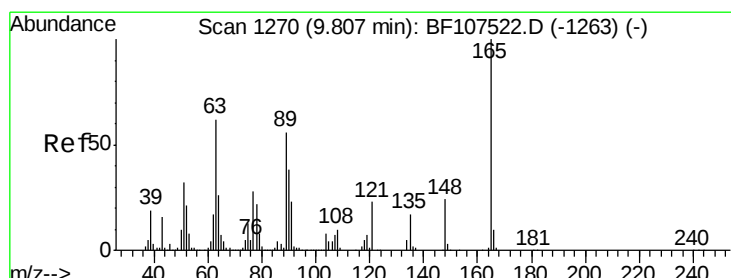
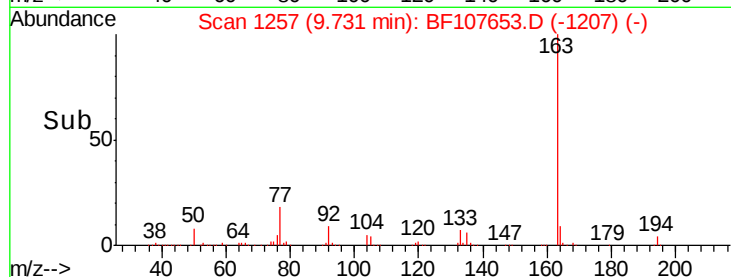
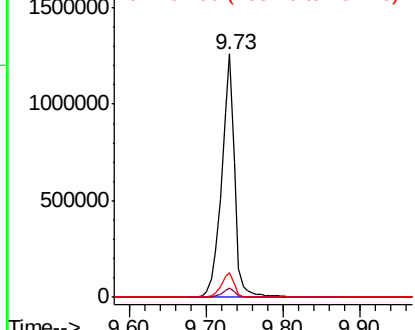
#49
Dimethylphthalate
Concen: 46.197 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:163 Resp: 1466582
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

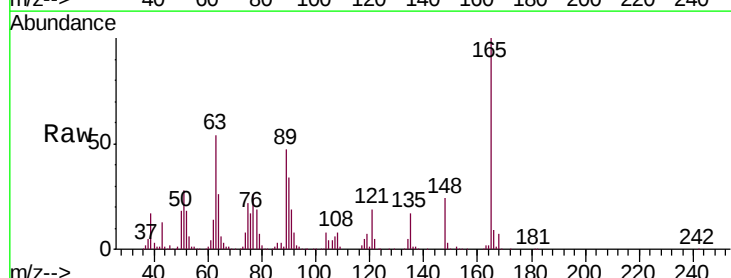


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

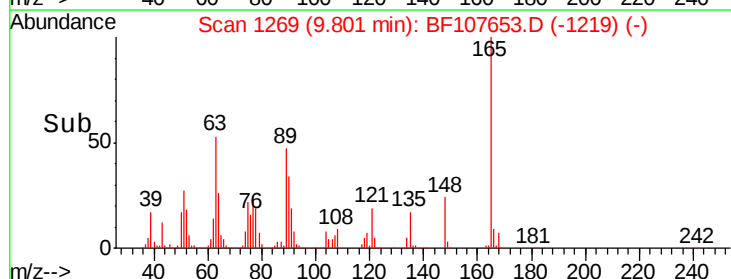
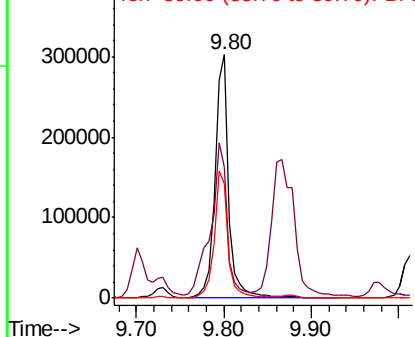


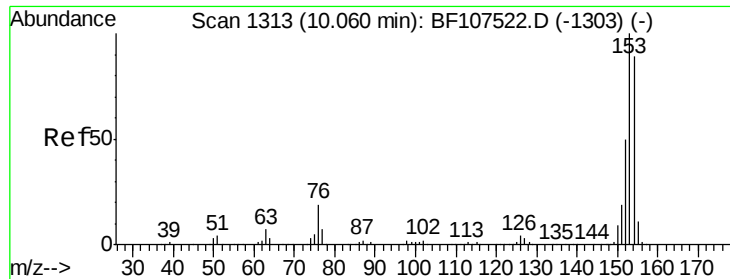
#50
2,6-Dinitrotoluene
Concen: 52.464 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:165 Resp: 330678
Ion Ratio Lower Upper
165 100
63 53.7 44.7 67.1
89 47.1 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

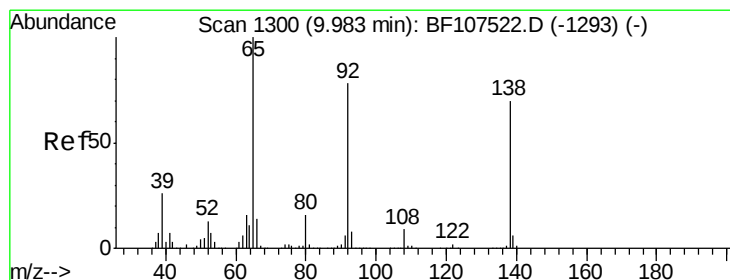
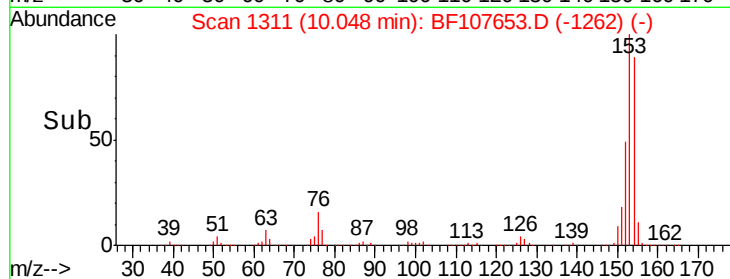
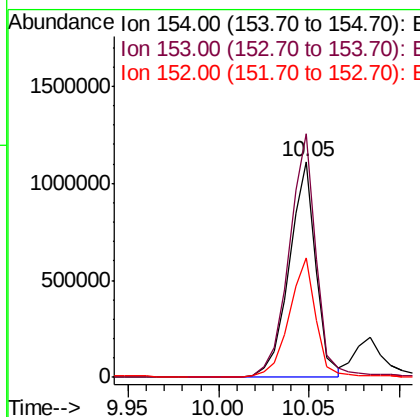
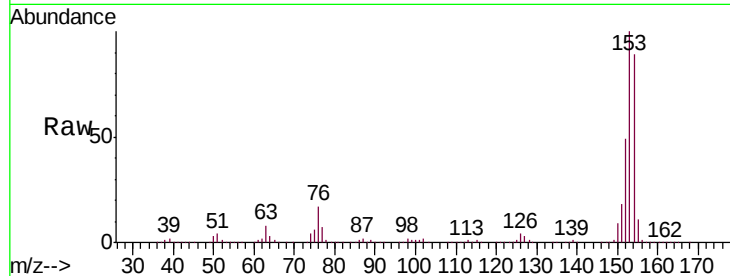




#51
Acenaphthene
Concen: 43.319 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

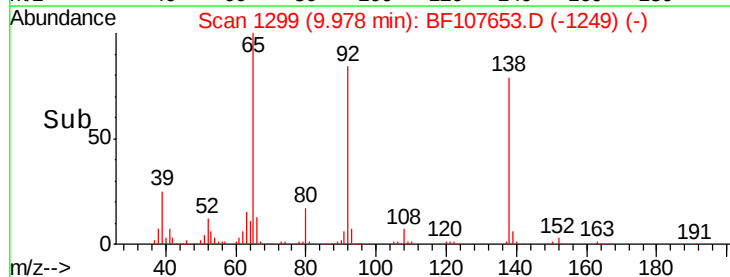
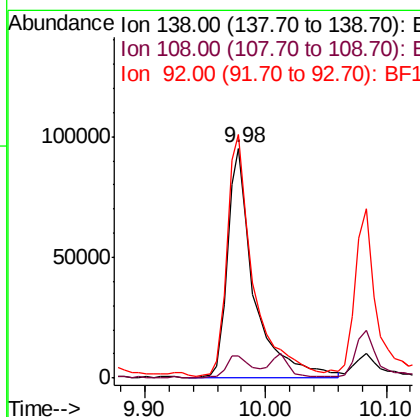
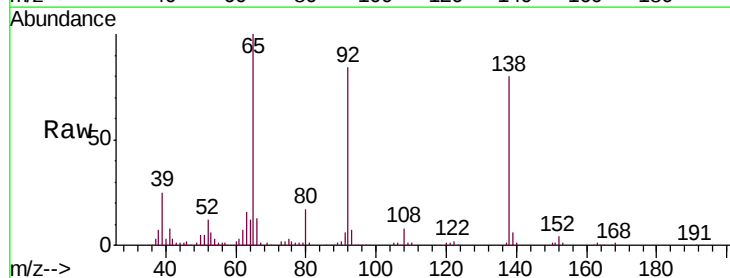
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

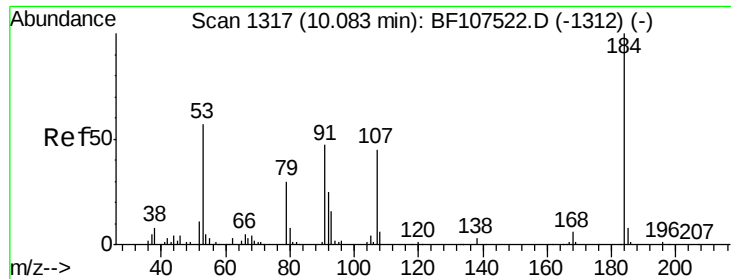
Tgt Ion:154 Resp: 1143558
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 55.6 43.8 65.8



#52
3-Nitroaniline
Concen: 18.477 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:138 Resp: 141682
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 106.0 89.4 134.2

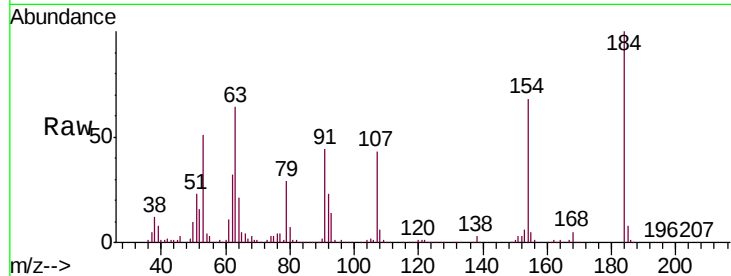




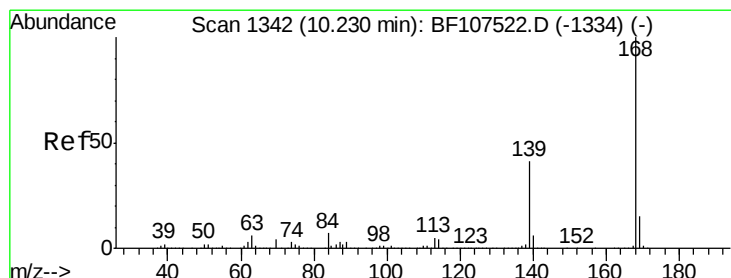
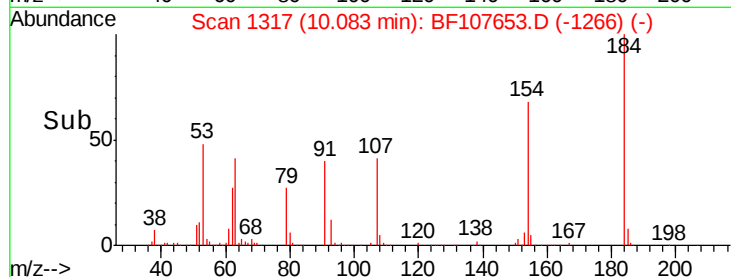
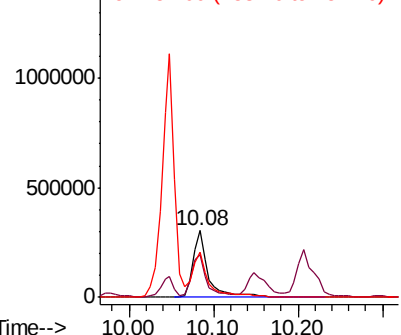
#53
2,4-Dinitrophenol
Concen: 109.214 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tgt Ion:184 Resp: 383328
Ion Ratio Lower Upper
184 100
63 64.4 54.2 81.2
154 67.9 184.0 276.0#

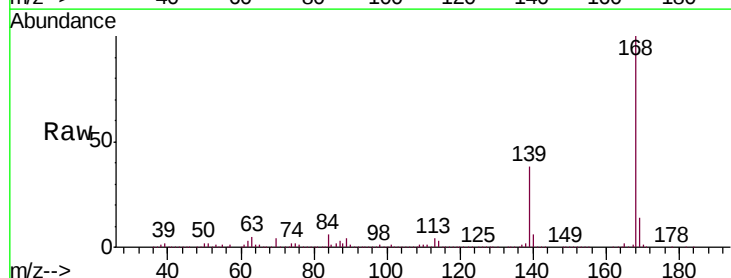


Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

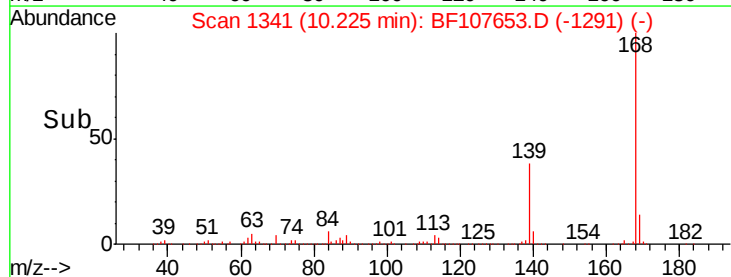
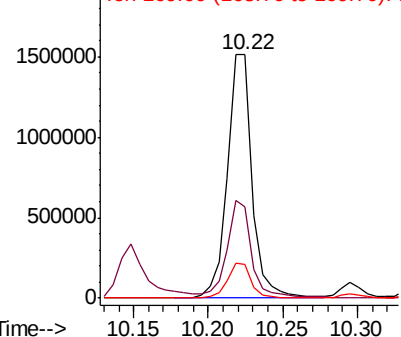


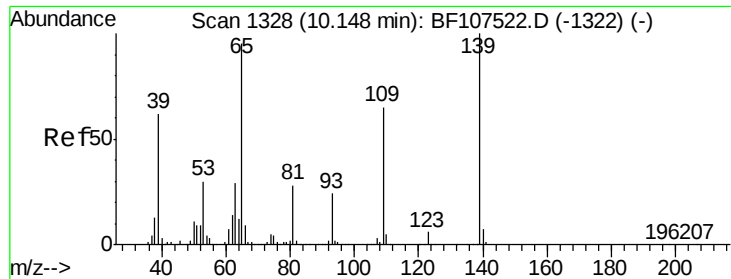
#54
Dibenzofuran
Concen: 45.018 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:168 Resp: 1749594
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

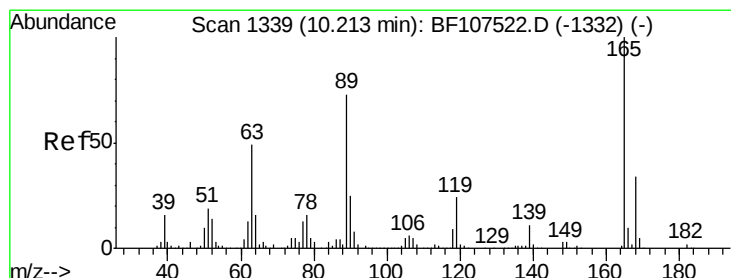
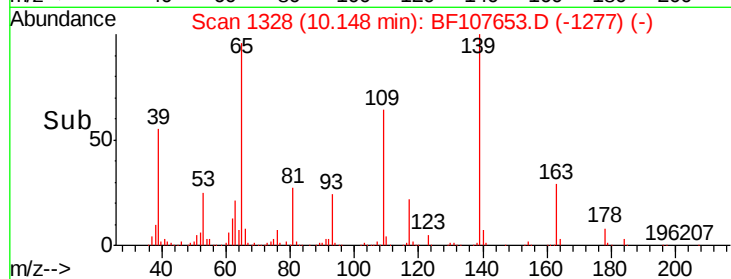
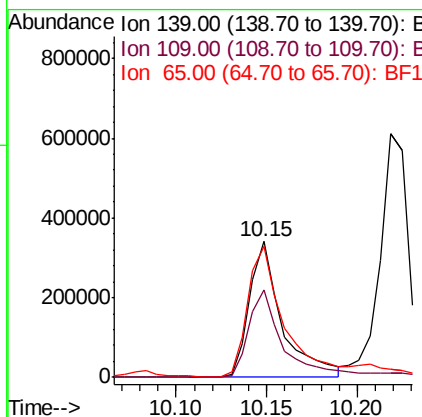
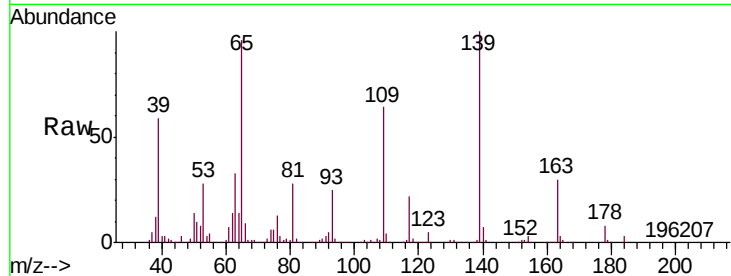




#55
4-Nitrophenol
Concen: 74.850 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

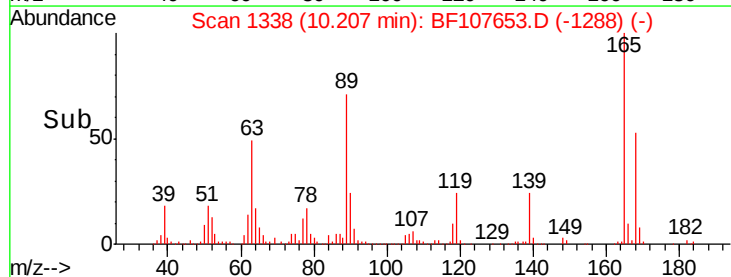
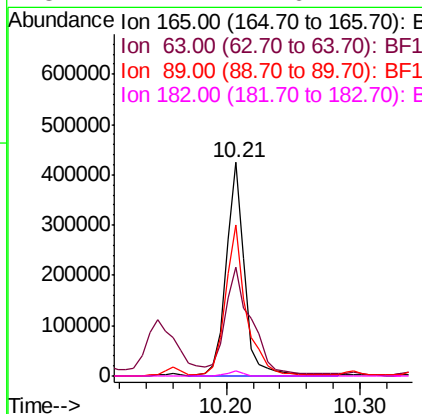
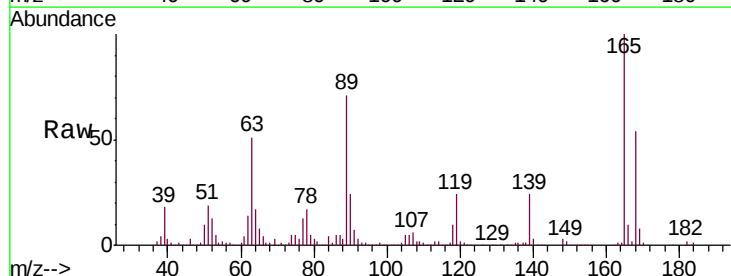
Instrument :
BNA_F
ClientSampled :
TP-1MSD

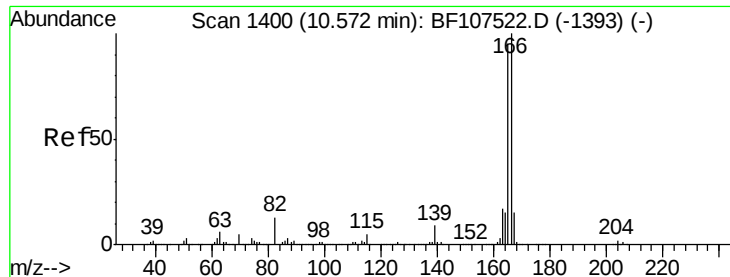
Tgt Ion:139 Resp: 429708
Ion Ratio Lower Upper
139 100
109 64.4 48.4 88.4
65 96.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 53.410 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:165 Resp: 406359
Ion Ratio Lower Upper
165 100
63 50.7 36.4 54.6
89 70.5 57.8 86.6
182 2.4 1.6 2.4#

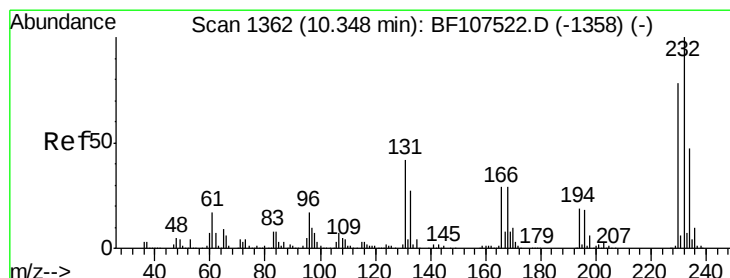
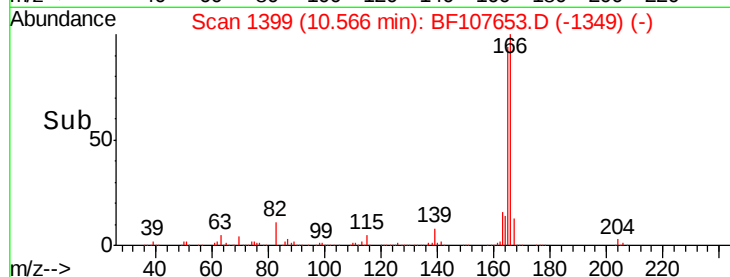
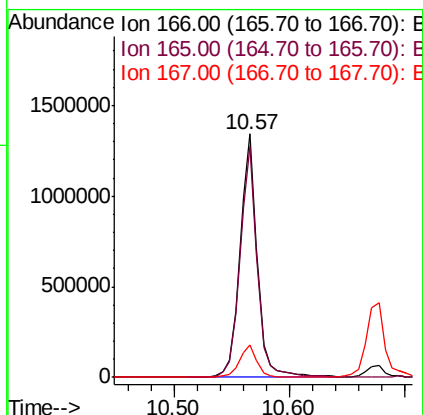
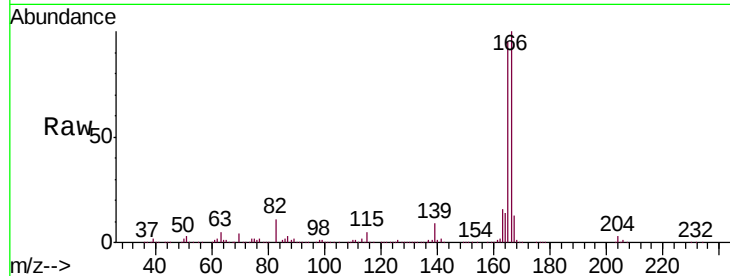




#57
 Fluorene
 Concen: 50.231 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

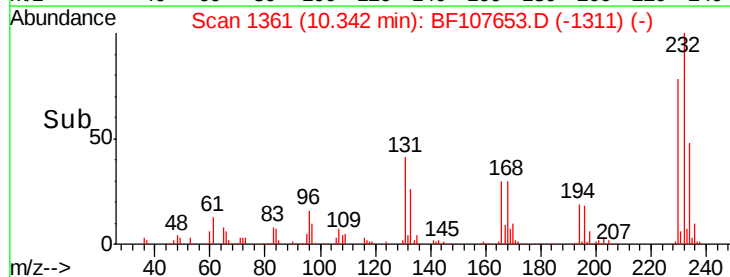
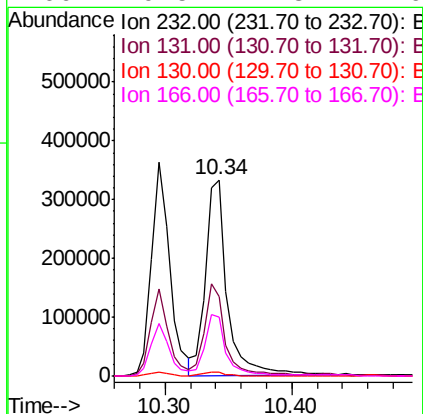
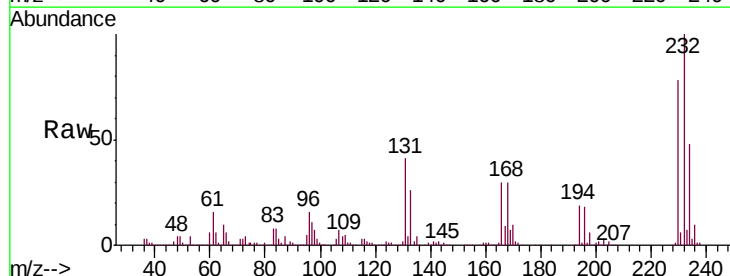
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

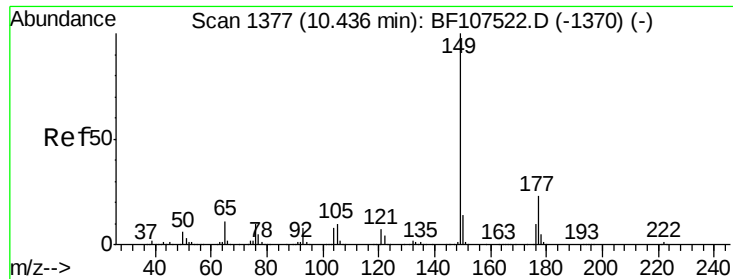
Tgt Ion:166 Resp: 1392716
 Ion Ratio Lower Upper
 166 100
 165 94.6 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.697 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:232 Resp: 396569
 Ion Ratio Lower Upper
 232 100
 131 43.0 43.8 65.8#
 130 2.2 2.1 3.1
 166 29.5 27.8 41.6

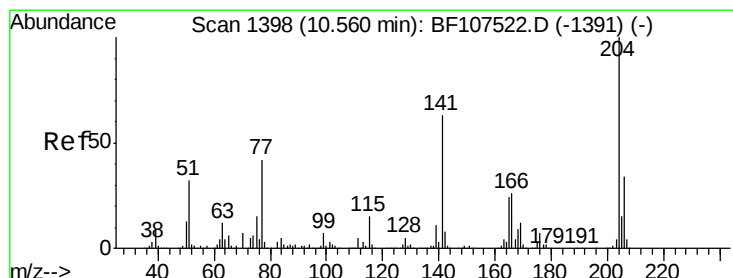
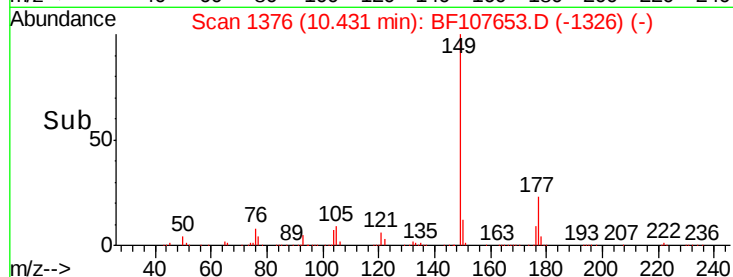
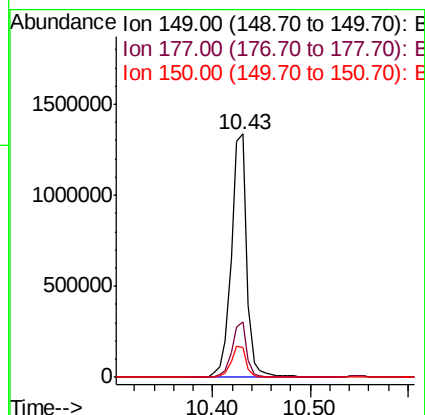
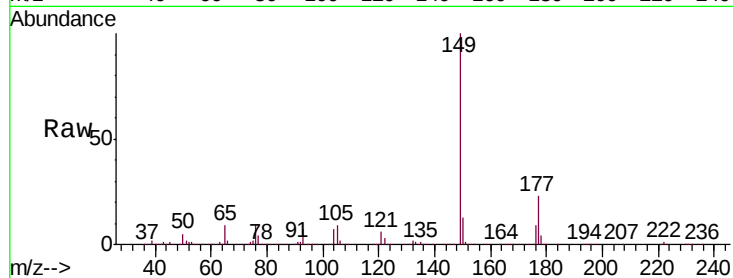




#59
Diethylphthalate
Concen: 44.647 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

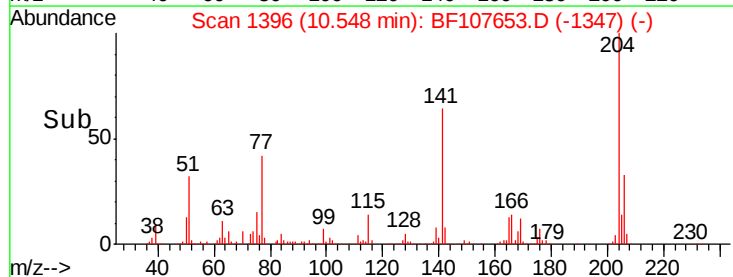
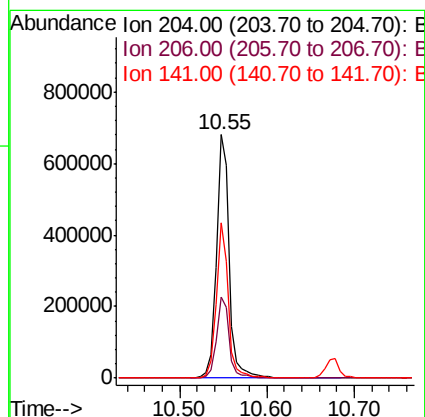
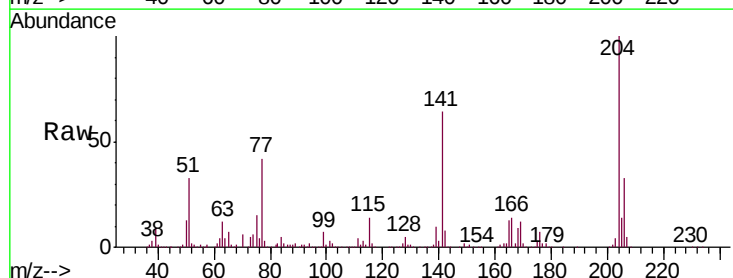
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

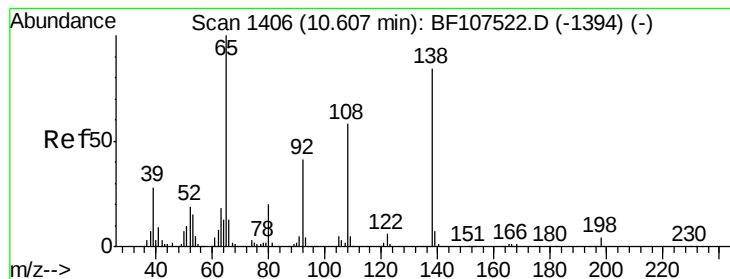
Tgt Ion:149 Resp: 1480285
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.037 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:204 Resp: 690259
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 63.9 54.6 81.8





#61

4-Nitroaniline

Concen: 49.755 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampled :

TP-1MSD

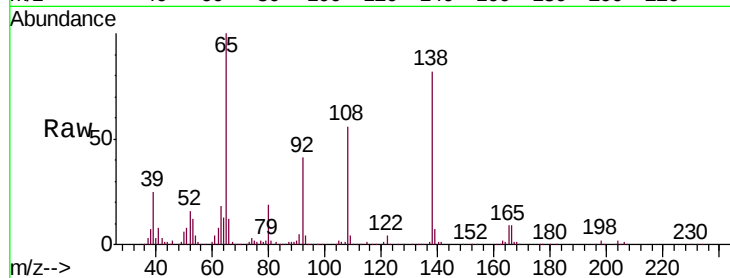
Tgt Ion: 138 Resp: 320539

Ion Ratio Lower Upper

138 100

92 50.0 30.2 70.2

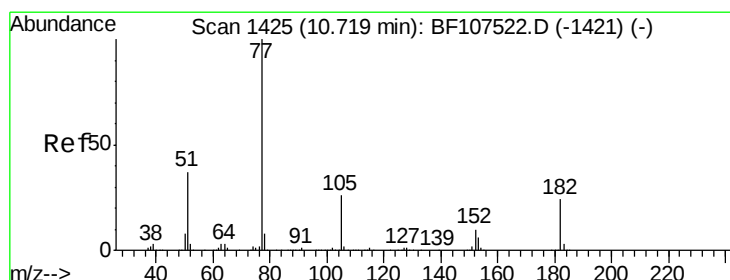
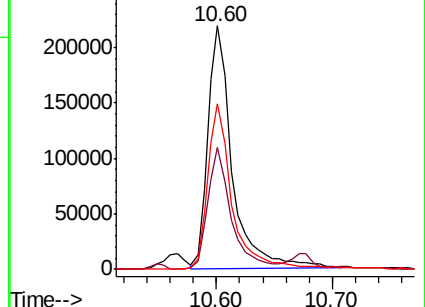
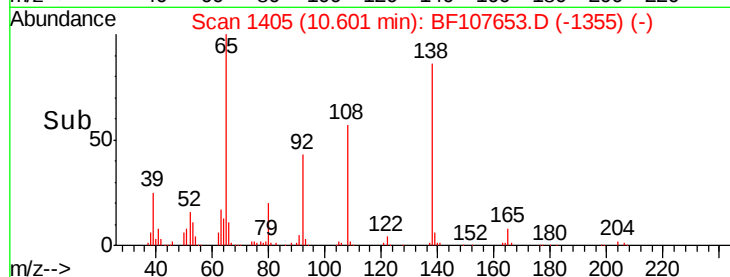
108 68.1 52.5 92.5



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: 43.797 ng

RT: 10.71 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Tgt Ion: 77 Resp: 1361636

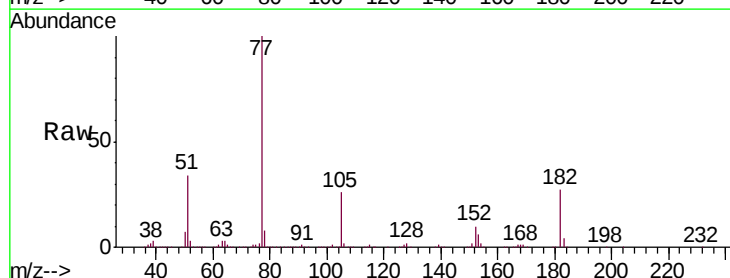
Ion Ratio Lower Upper

77 100

182 27.2 1.7 41.7

105 25.7 3.0 43.0

51 34.0 9.9 49.9

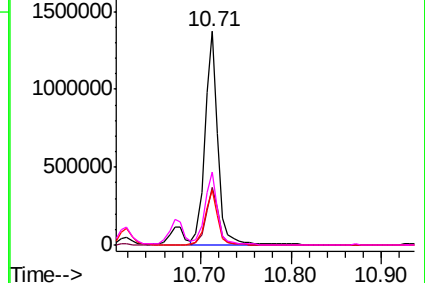
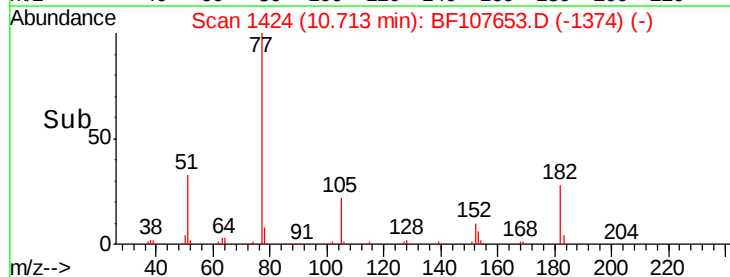


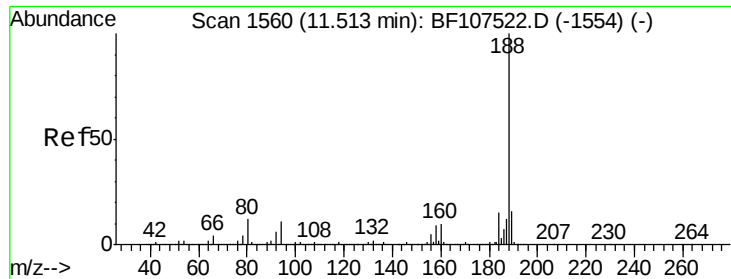
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

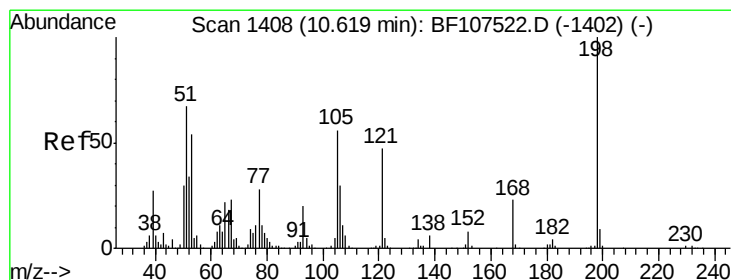
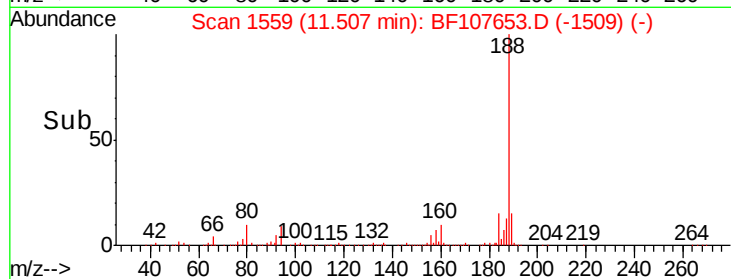
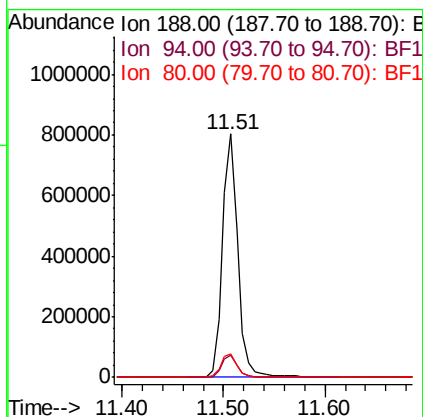
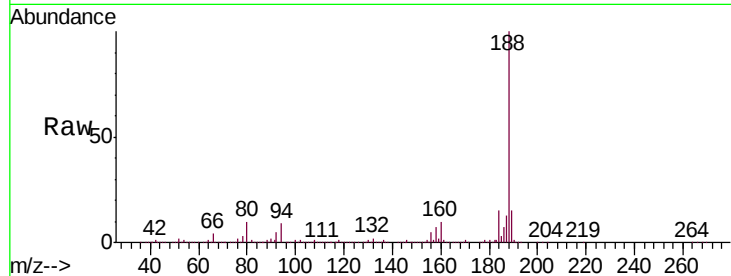




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

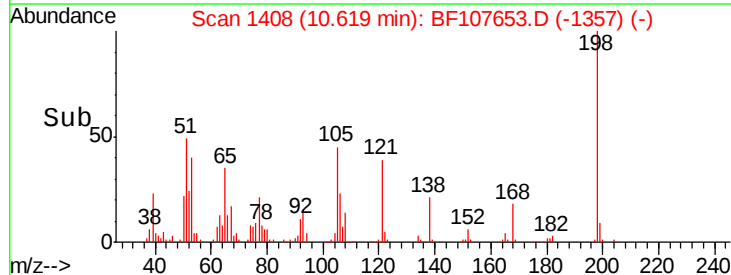
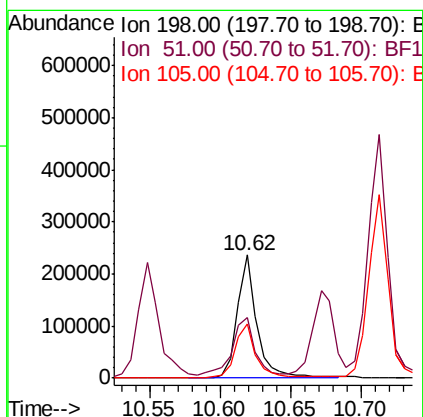
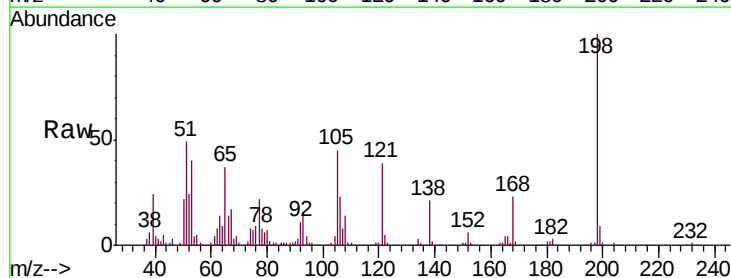
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

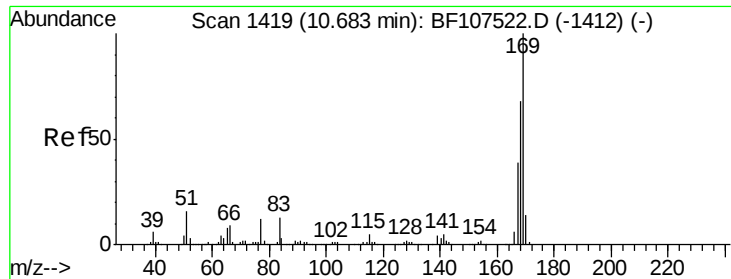
Tgt Ion:188 Resp: 845975
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 55.032 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:198 Resp: 231090
Ion Ratio Lower Upper
198 100
51 49.1 37.7 77.7
105 44.5 36.3 76.3

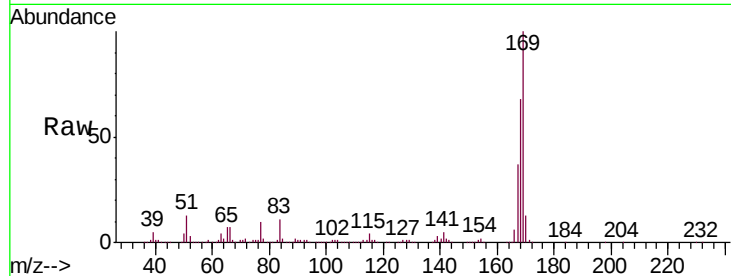




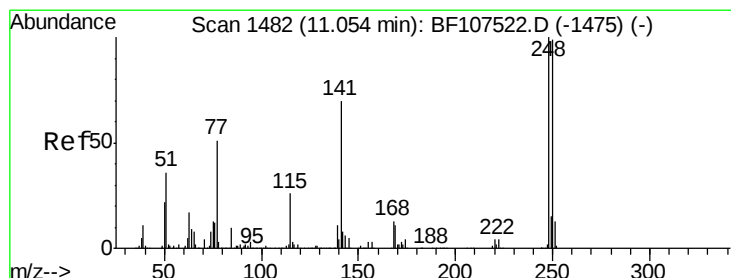
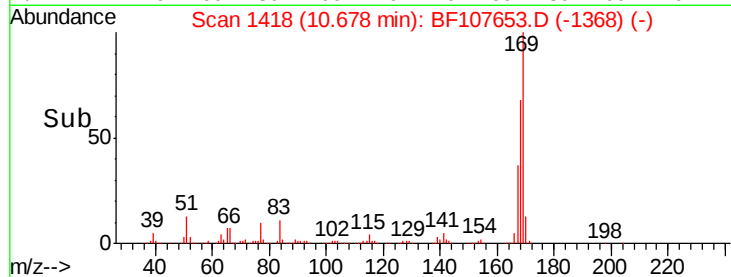
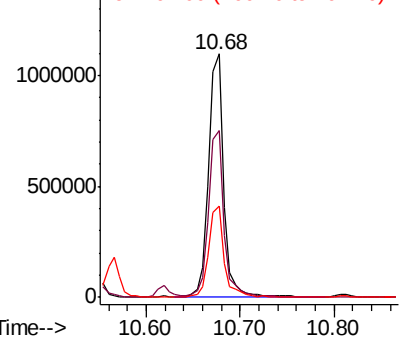
#65
 n-Nitrosodiphenylamine
 Concen: 42.798 ng
 RT: 10.68 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tgt Ion:169 Resp: 1229653
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.4 29.8 44.6

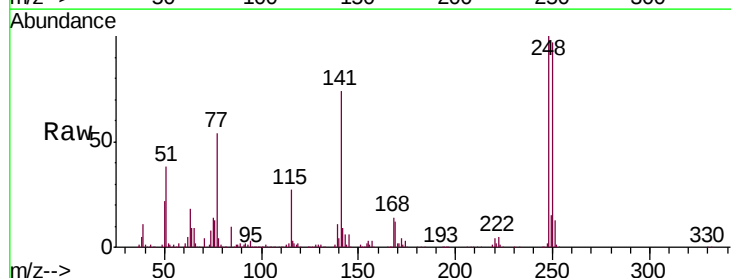


Abundance Ion 169.00 (168.70 to 169.70): E
 1500000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

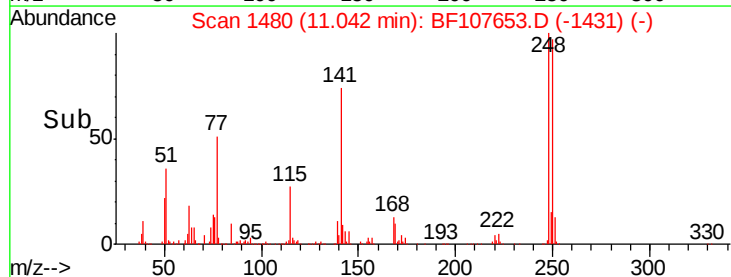
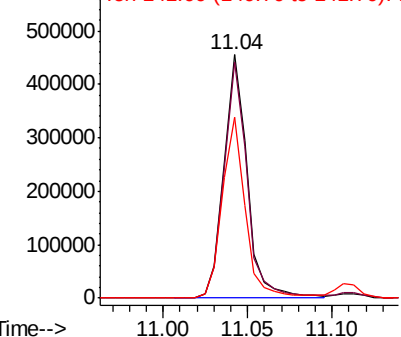


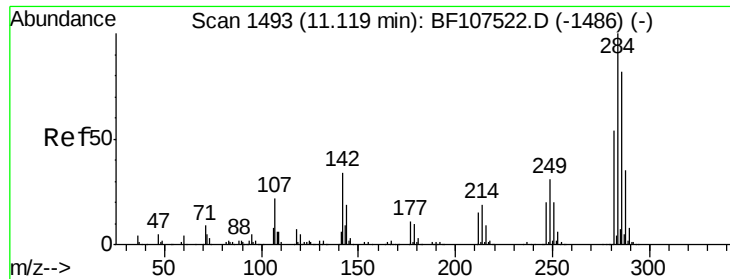
#66
 4-Bromophenyl-phenylether
 Concen: 43.970 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:248 Resp: 437879
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 74.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 600000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

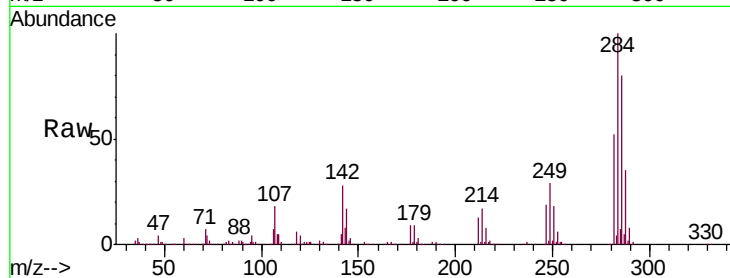




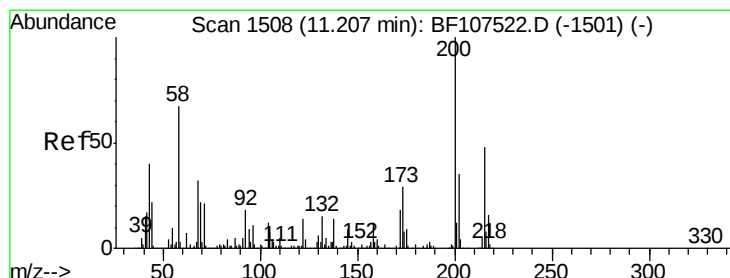
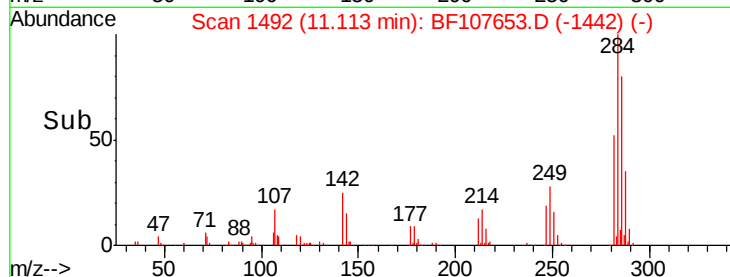
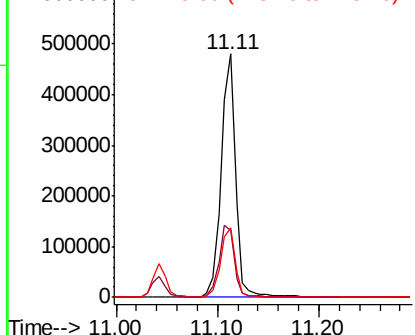
#67
Hexachlorobenzene
Concen: 43.528 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 284 Resp: 476952
Ion Ratio Lower Upper
284 100
142 27.5 34.6 52.0#
249 28.8 24.8 37.2

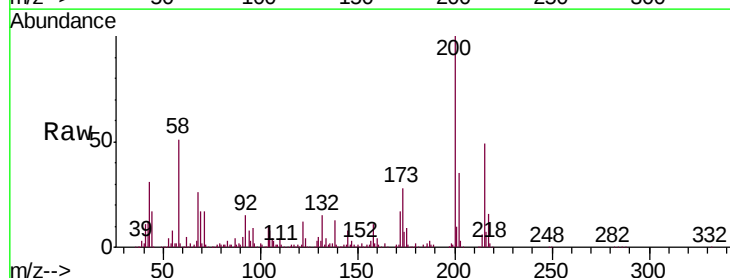


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

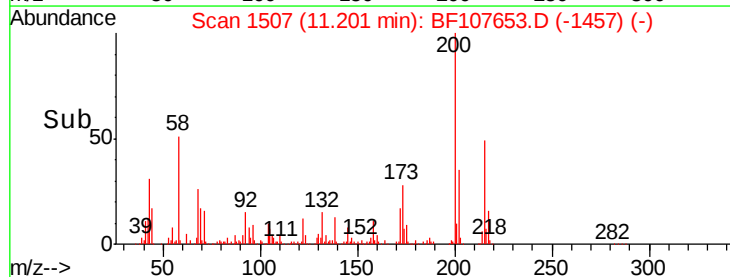
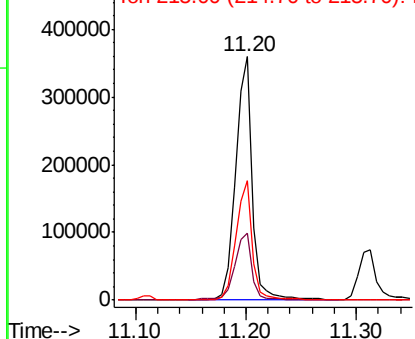


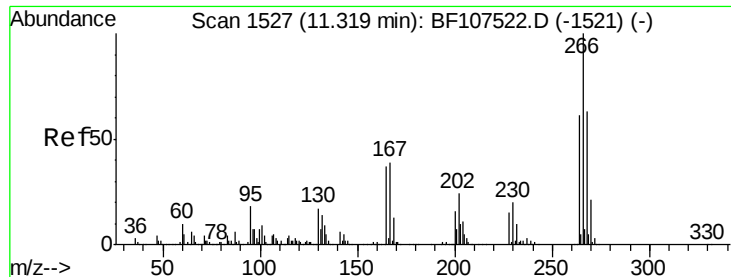
#68
Atrazine
Concen: 43.204 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion: 200 Resp: 378996
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 48.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

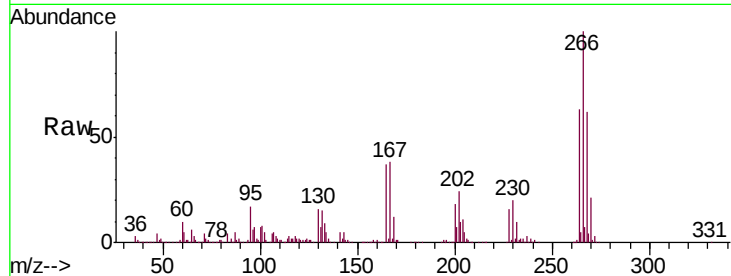




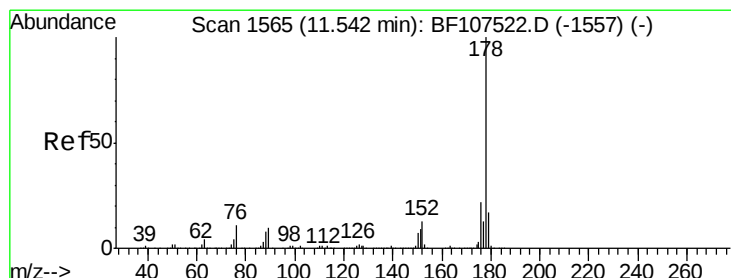
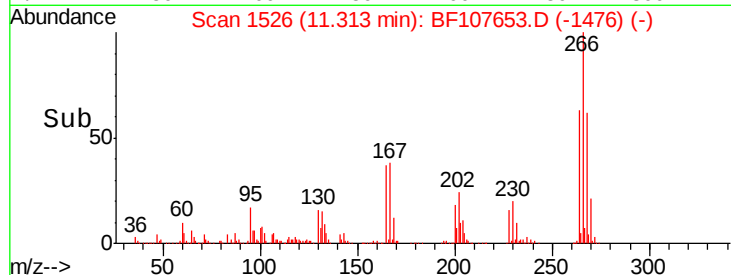
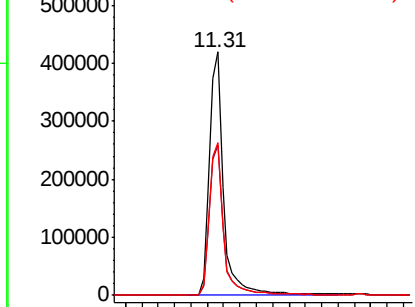
#69
 Pentachlorophenol
 Concen: 73.954 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tgt Ion: 266 Resp: 506157
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 62.5 49.5 74.3

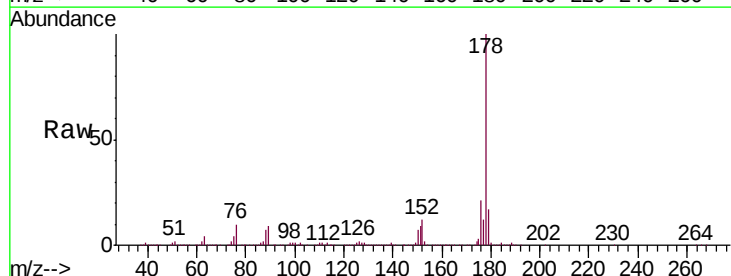


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

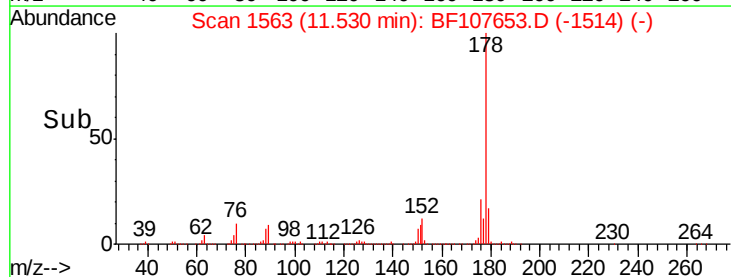
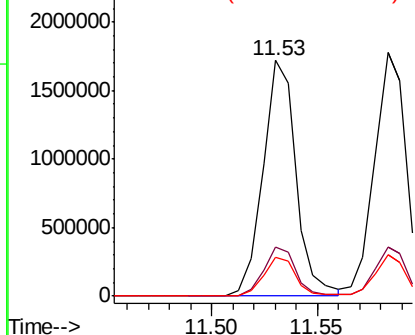


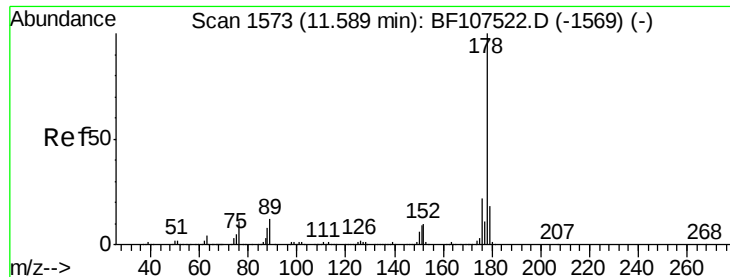
#70
 Phenanthrene
 Concen: 45.556 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion: 178 Resp: 1878040
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.8 23.8
 179 16.7 13.0 19.6



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

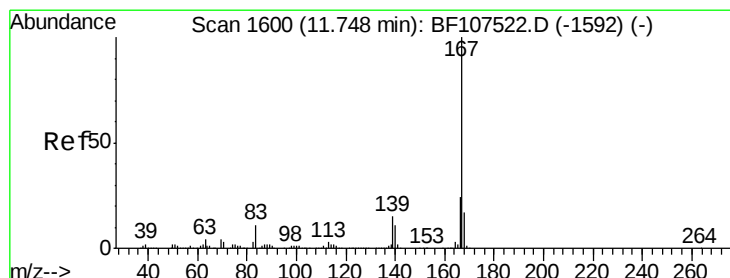
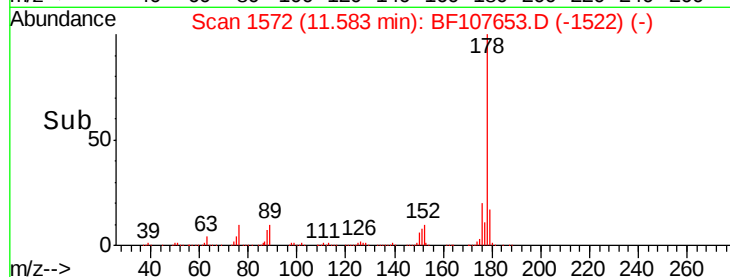
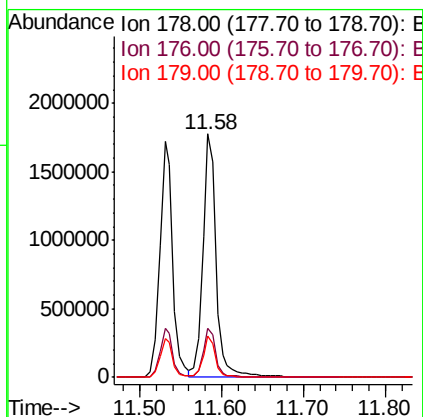
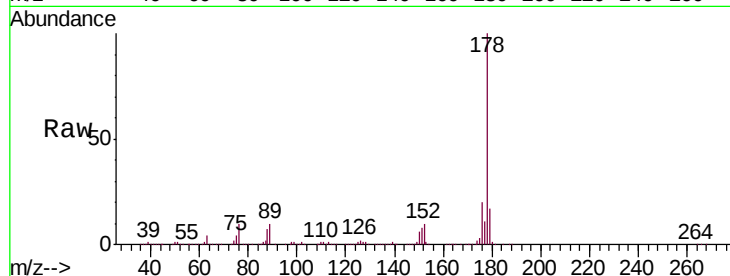




#71
 Anthracene
 Concen: 48.493 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

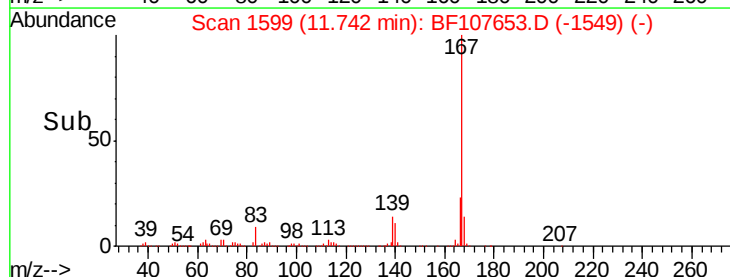
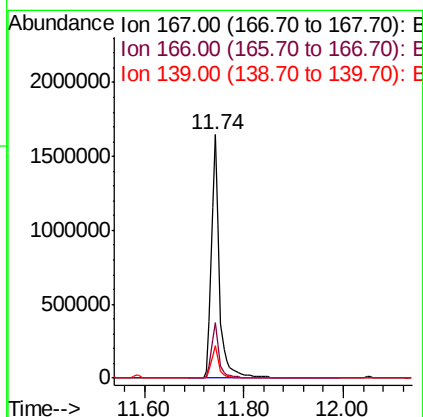
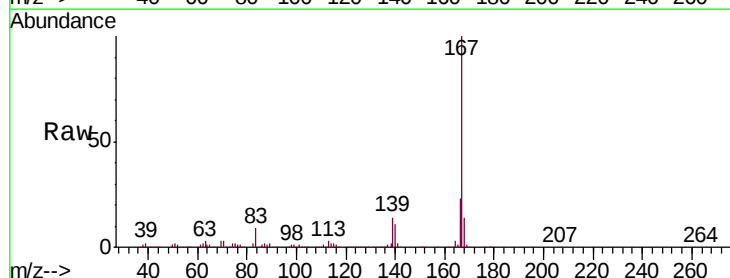
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

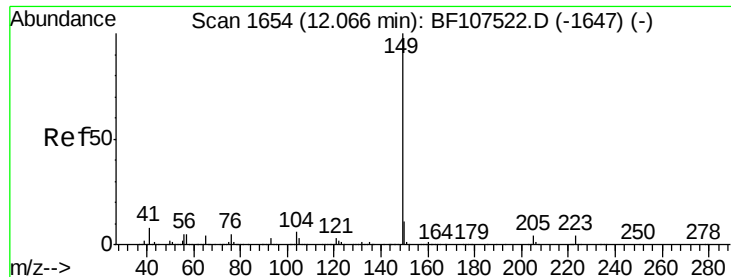
Tgt Ion:178 Resp: 2012783
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.8 12.6 19.0



#72
 Carbazole
 Concen: 43.894 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:167 Resp: 1894565
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.471 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.02 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

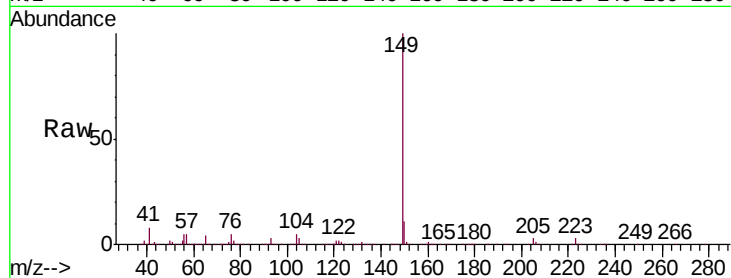
Tgt Ion:149 Resp: 2133214

Ion Ratio Lower Upper

149 100

150 10.7 7.8 11.6

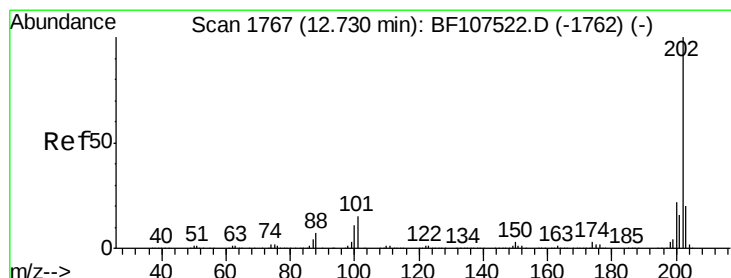
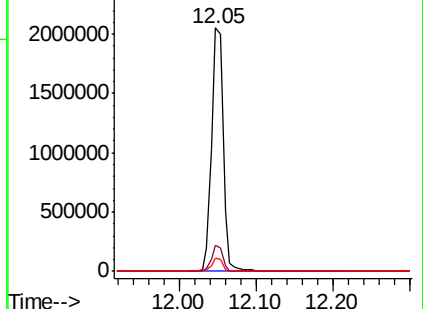
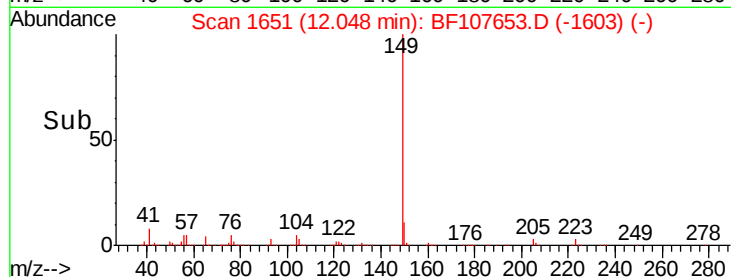
104 5.3 3.8 5.8



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: 46.747 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

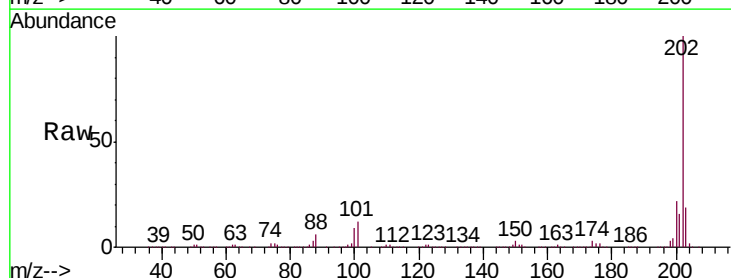
Tgt Ion:202 Resp: 2067936

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

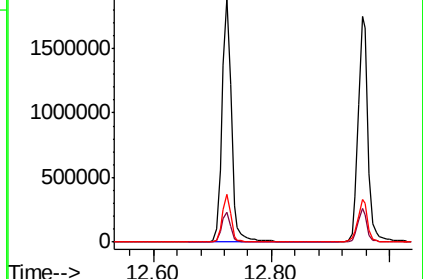
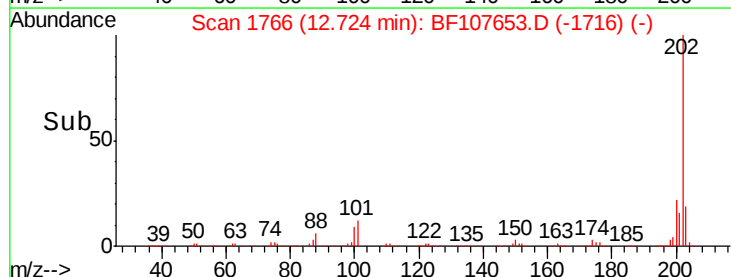
203 19.4 0.0 38.1

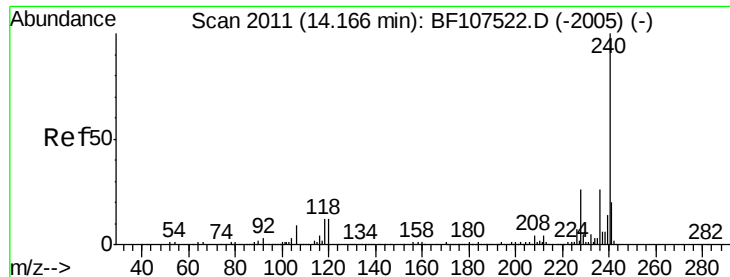


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

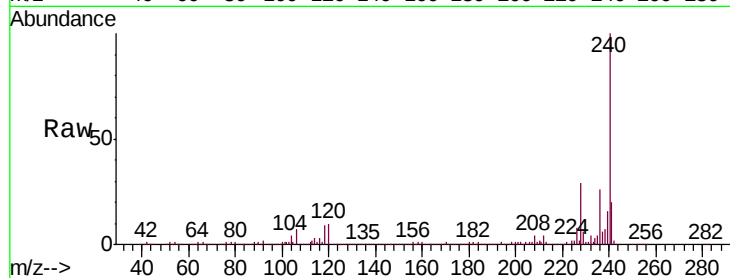
Tgt Ion:240 Resp: 595429

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

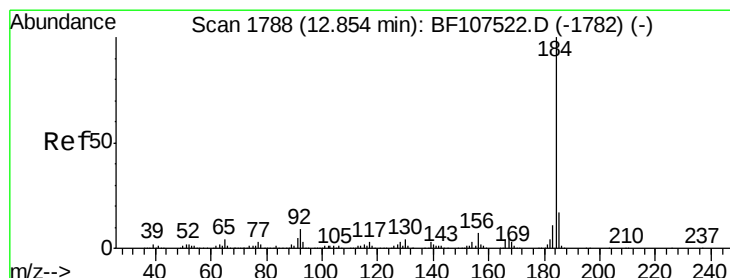
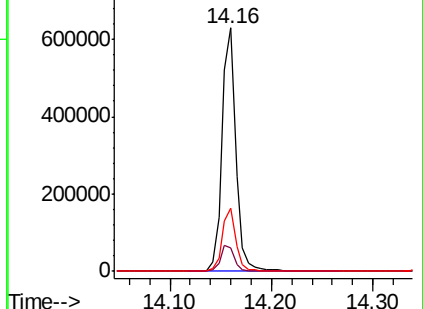
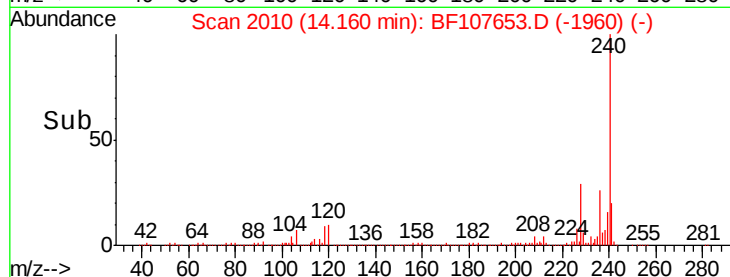
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.210 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

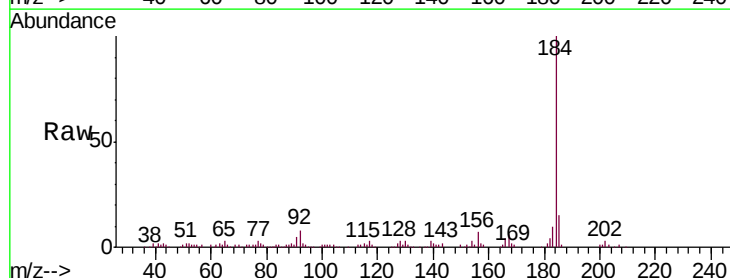
Tgt Ion:184 Resp: 157923

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

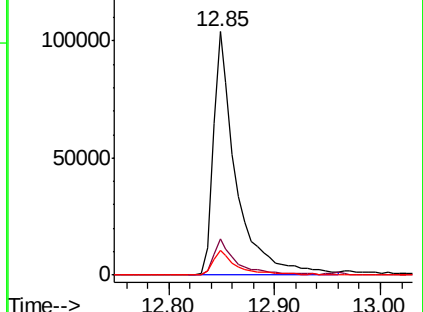
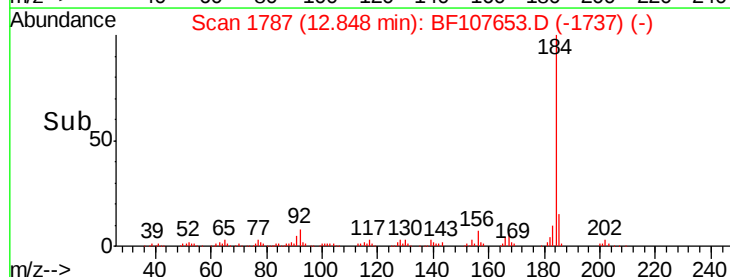
183 10.3 9.3 13.9

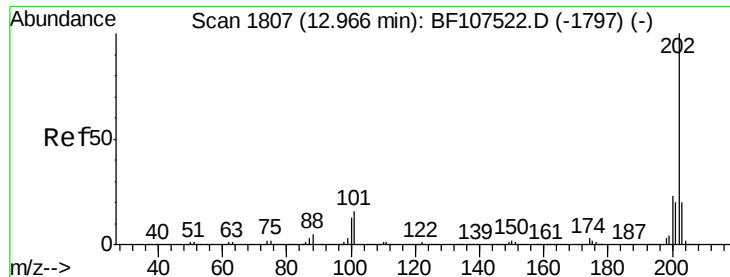


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



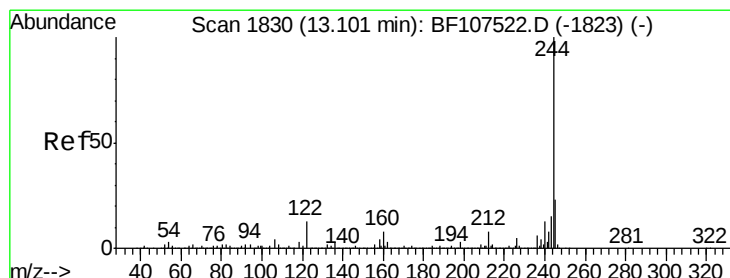
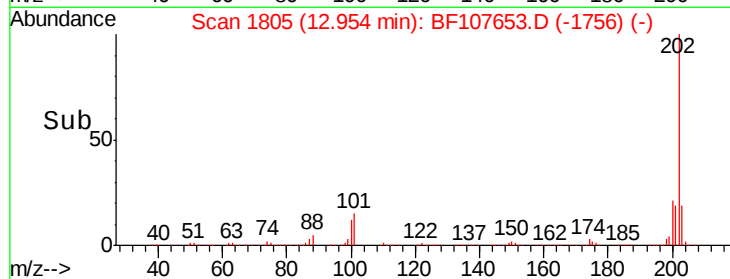
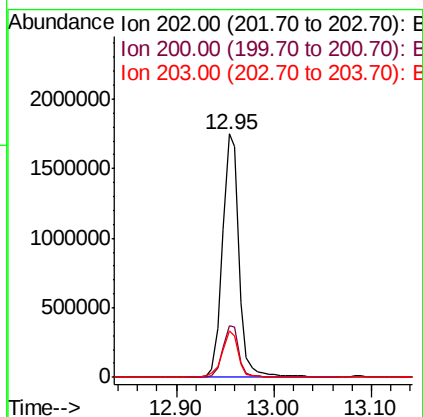
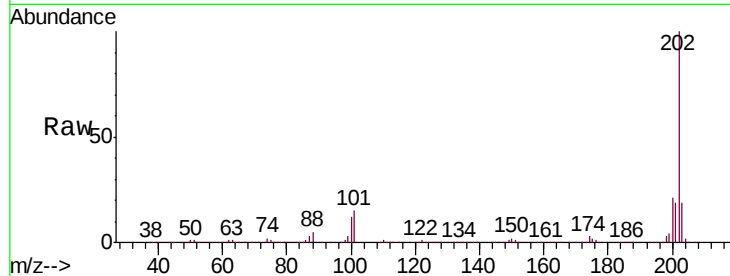


#77
 Pyrene
 Concen: 50.425 ng
 RT: 12.95 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tgt Ion: 202 Resp: 2053708

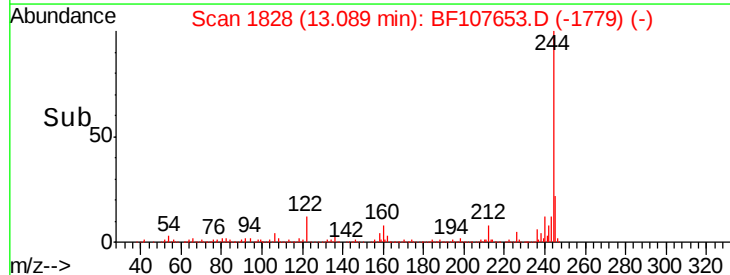
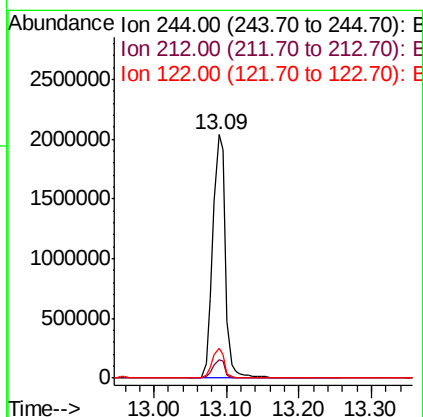
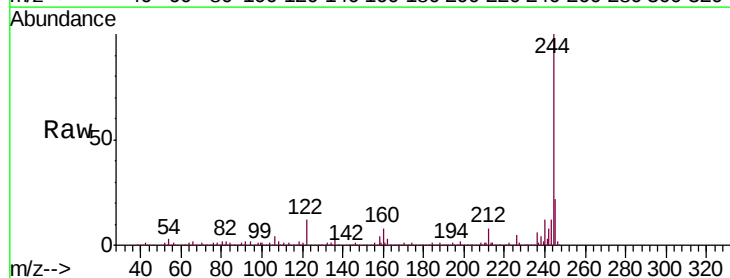
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	19.0	14.3	21.5

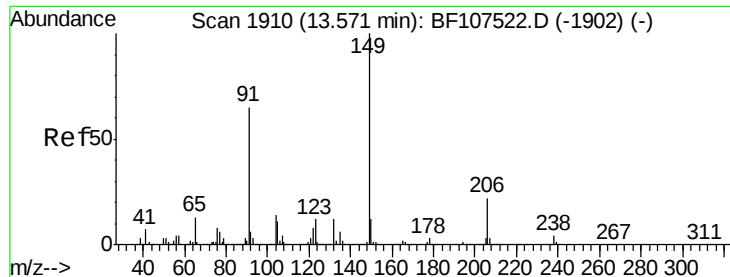


#78
 Terphenyl-d14
 Concen: 107.535 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion: 244 Resp: 2501067

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.3	11.0	16.4





#79

Butylbenzylphthalate

Concen: 52.771 ng

RT: 13.56 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

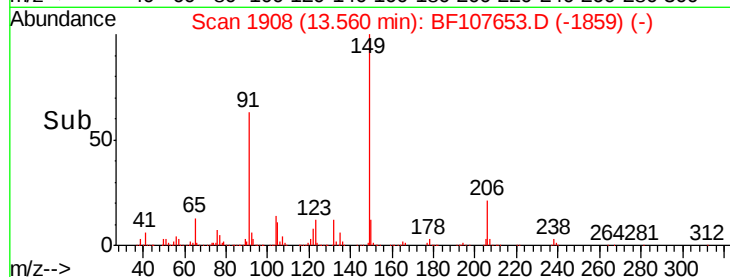
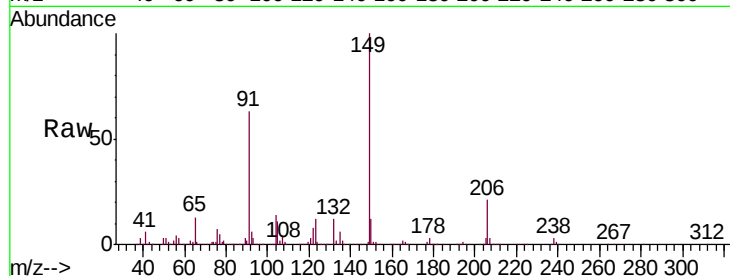
Tgt Ion:149 Resp: 924291

Ion Ratio Lower Upper

149 100

91 62.7 56.8 85.2

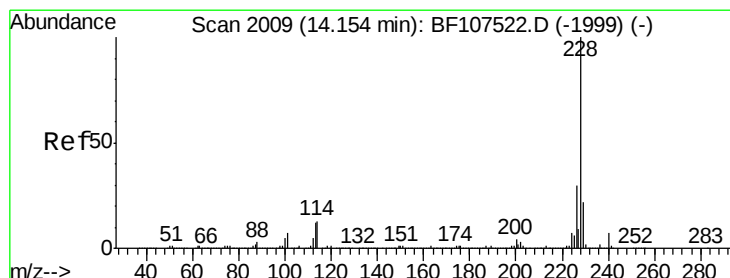
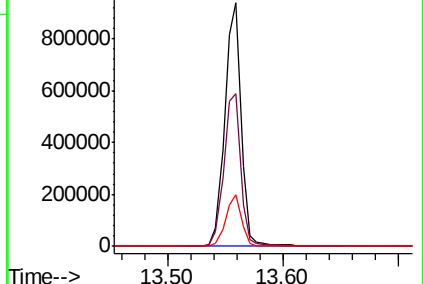
206 21.4 14.1 21.1#



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: 47.507 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

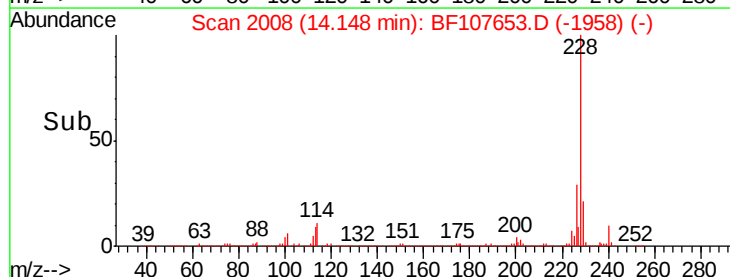
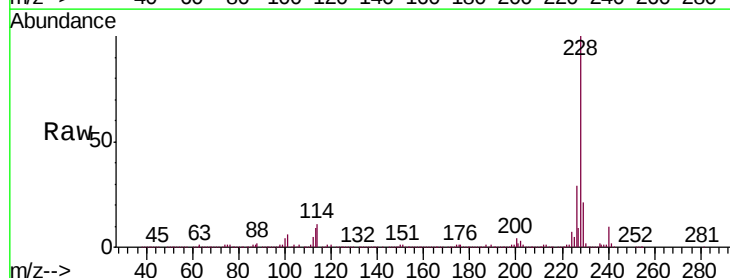
Tgt Ion:228 Resp: 1657665

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

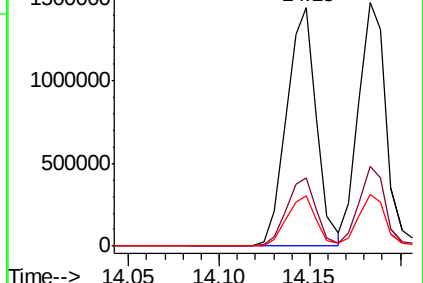
229 20.9 15.8 23.6

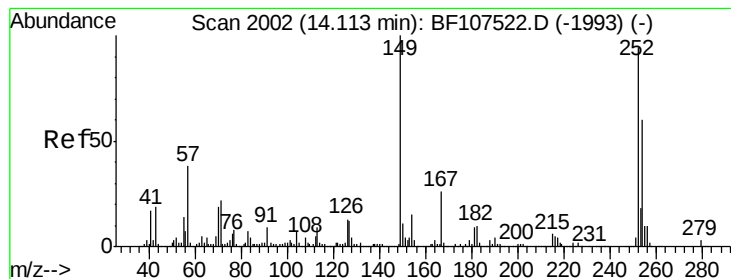


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

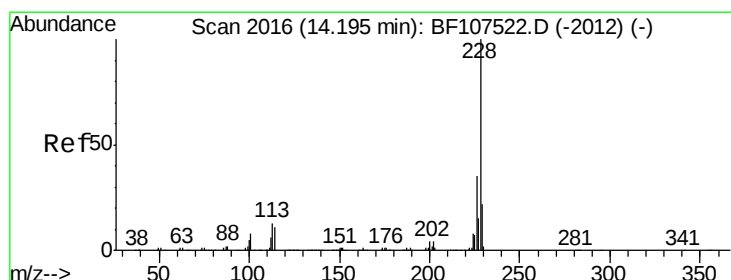
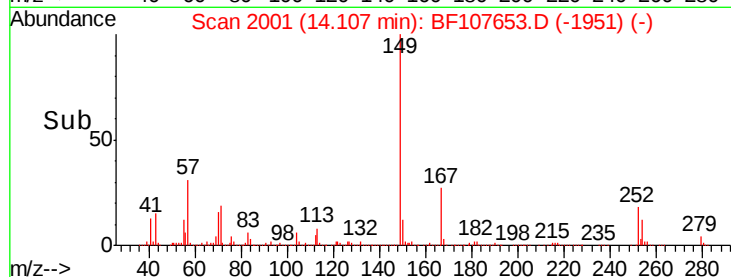
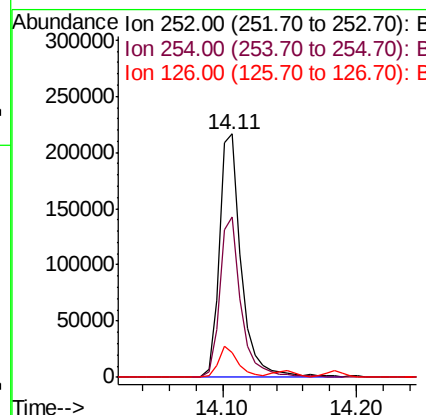
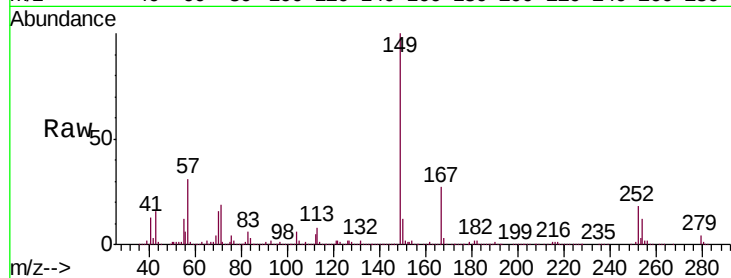




#81
 3,3'-Dichlorobenzidine
 Concen: 20.707 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

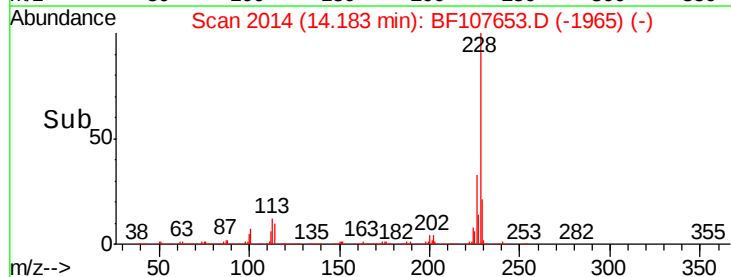
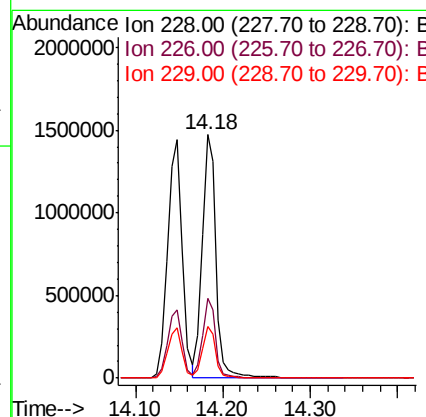
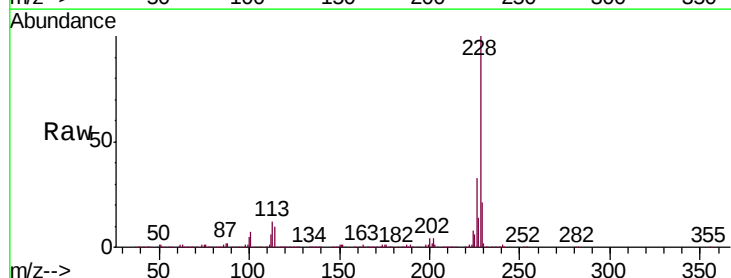
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

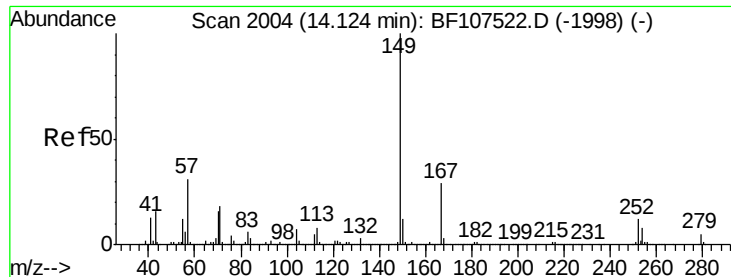
Tgt Ion: 252 Resp: 251742
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.4 75.6
 126 10.1 11.3 16.9#



#82
 Chrysene
 Concen: 48.046 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion: 228 Resp: 1610441
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.0 37.6
 229 21.3 16.2 24.4

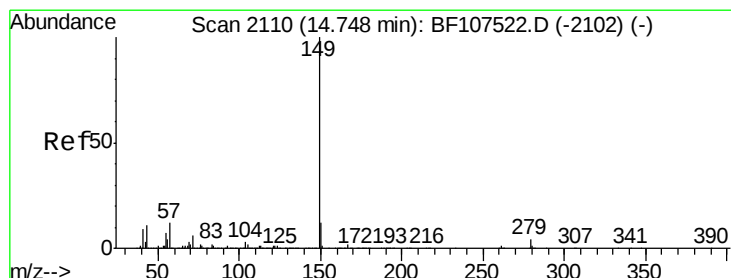
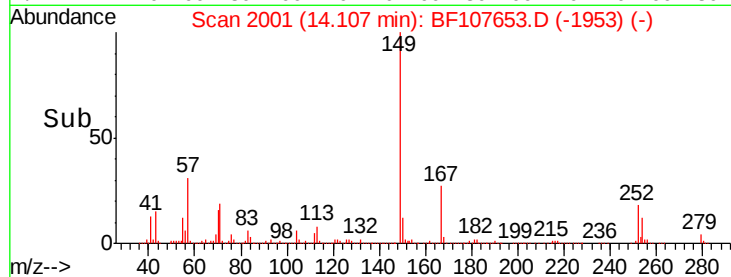
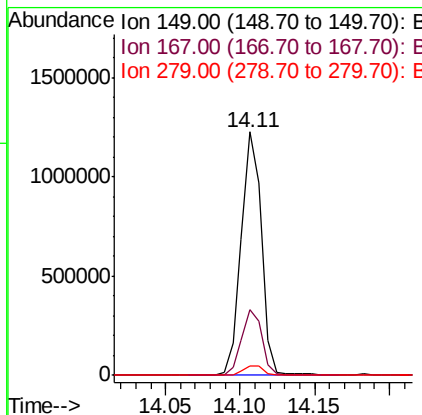
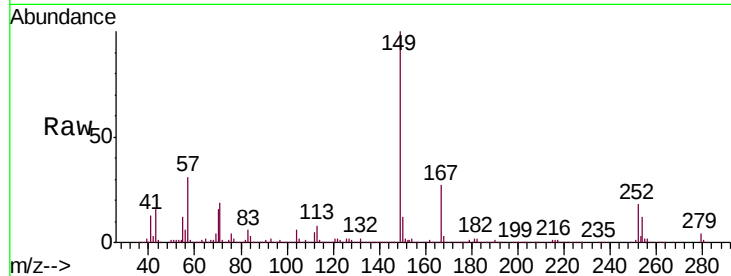




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.027 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

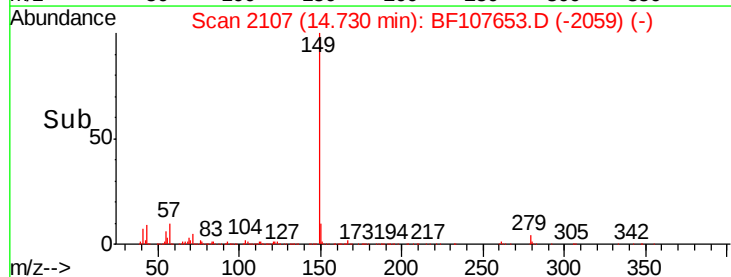
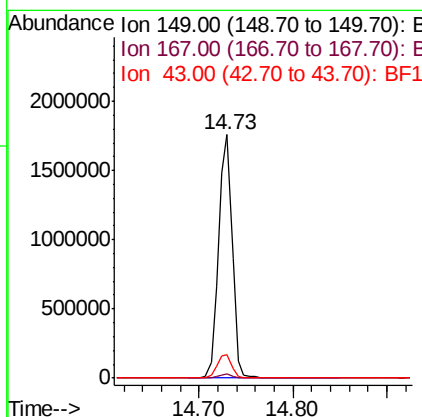
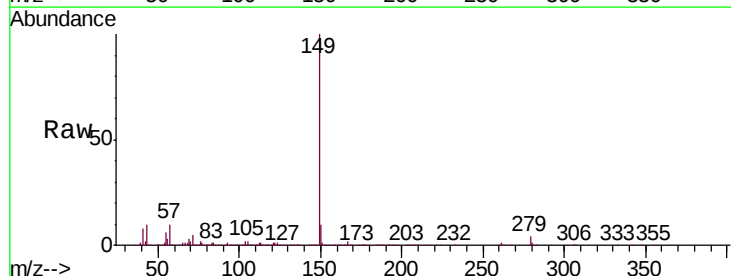
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

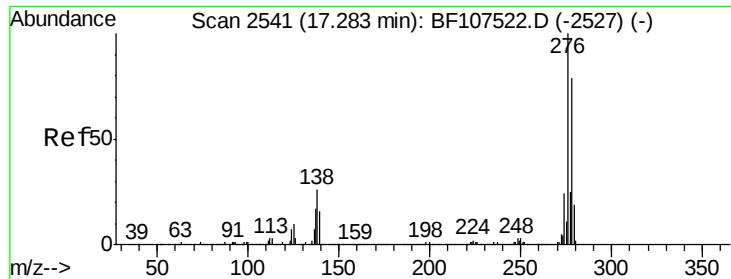
Tgt Ion:149 Resp: 1162218
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.9 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 46.700 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:149 Resp: 1793973
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.8 8.4 12.6

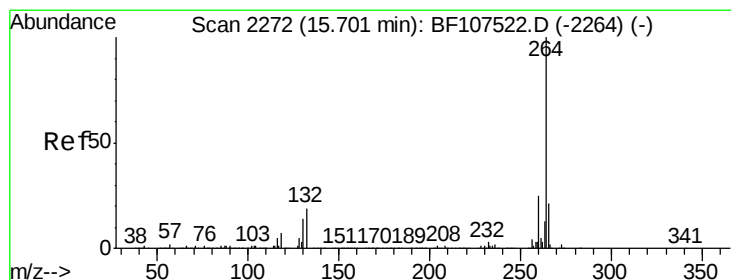
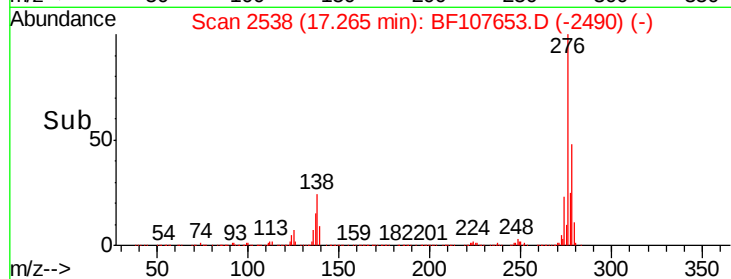
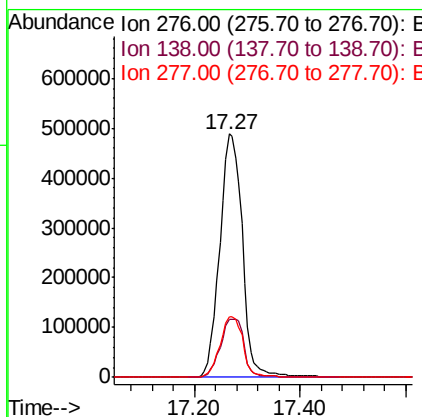
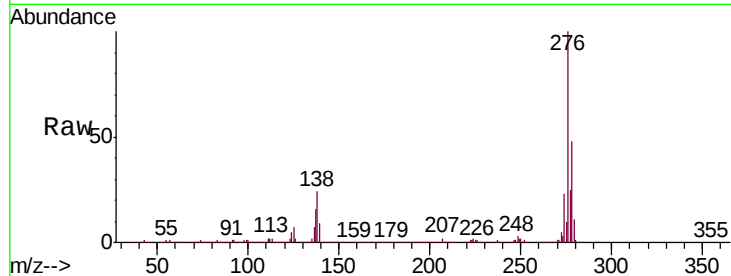




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.190 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

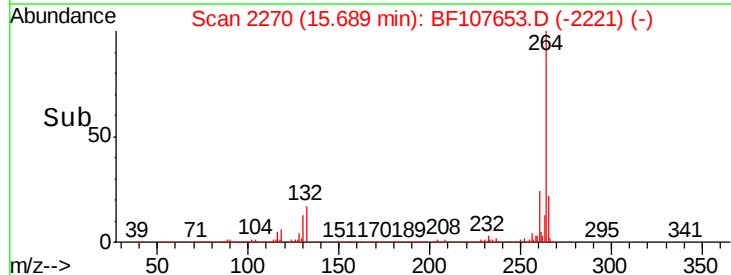
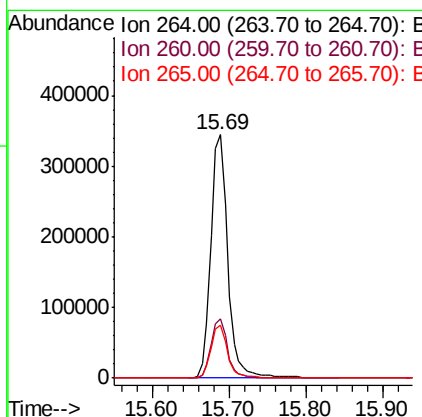
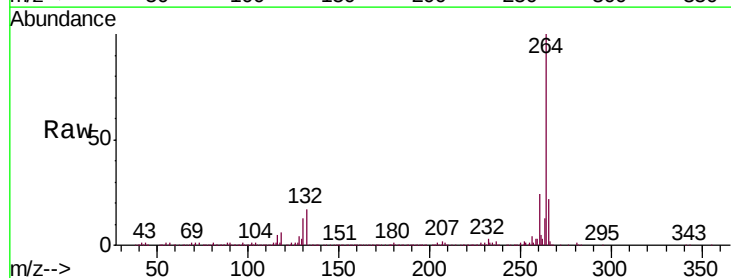
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

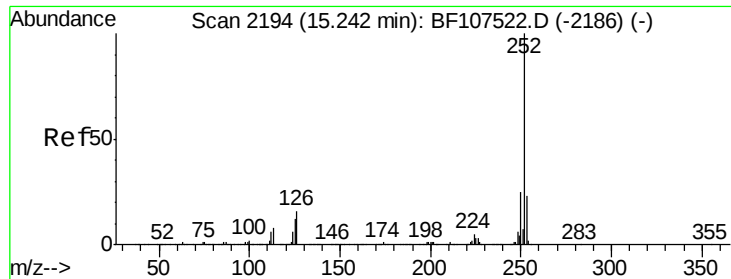
Tgt Ion:276 Resp: 1454198
 Ion Ratio Lower Upper
 276 100
 138 25.1 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:264 Resp: 520532
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 17.5 26.3

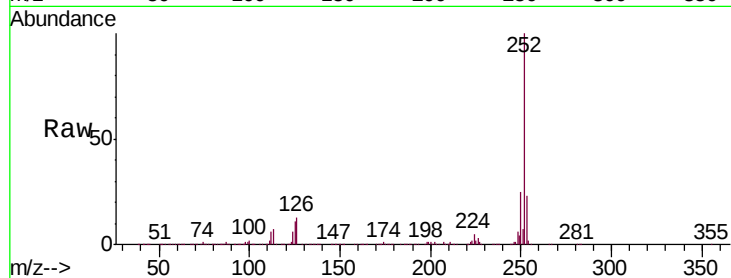




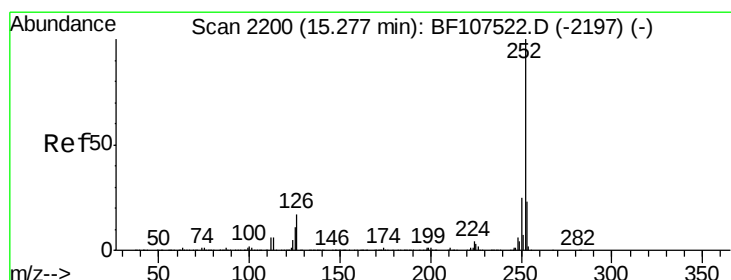
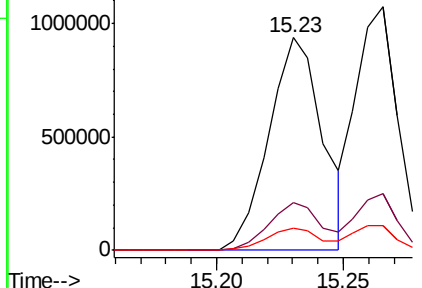
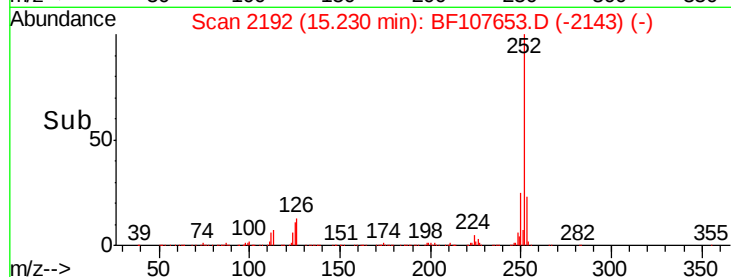
#87
Benzo(b)fluoranthene
Concen: 48.805 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:252 Resp: 1390360
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.7 9.0 13.6

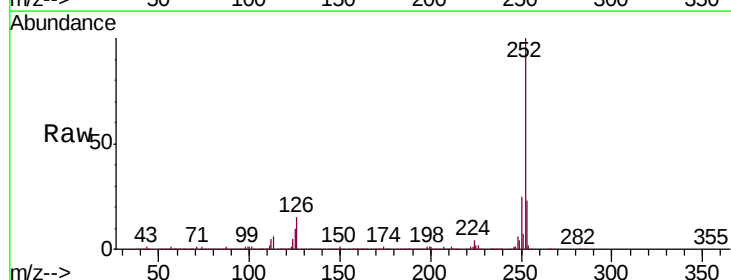


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

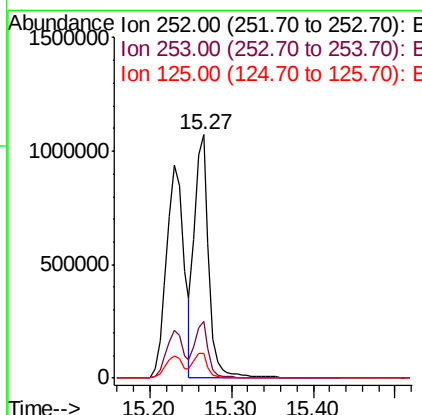
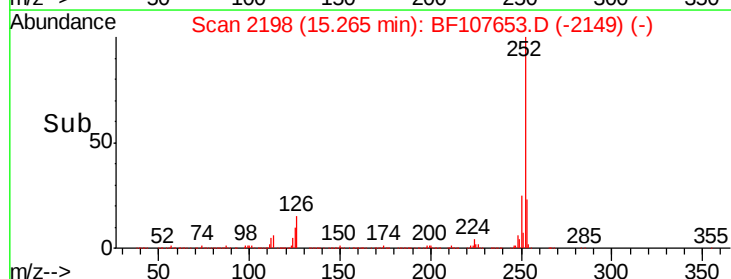


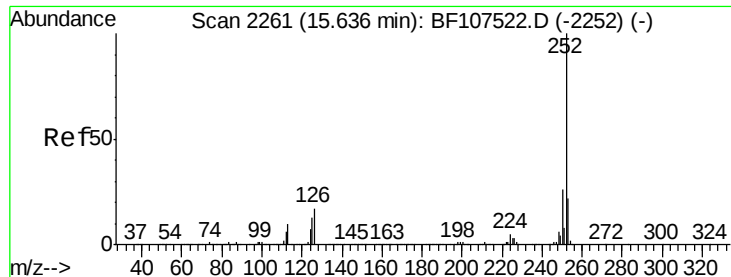
#88
Benzo(k)fluoranthene
Concen: 46.500 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:252 Resp: 1297832
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 10.3 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

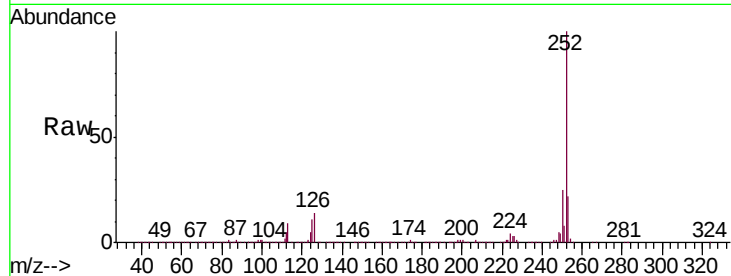




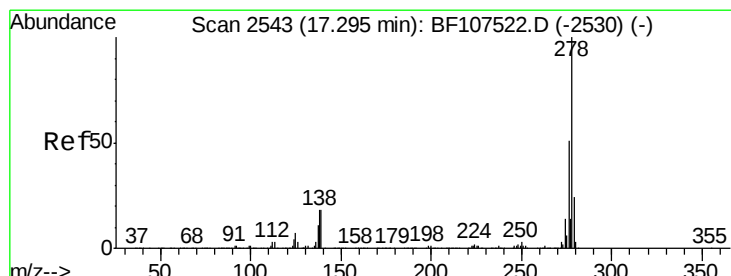
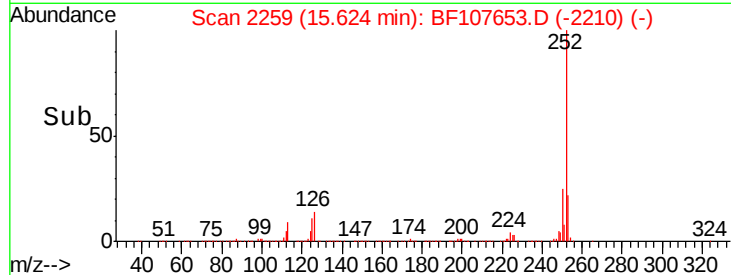
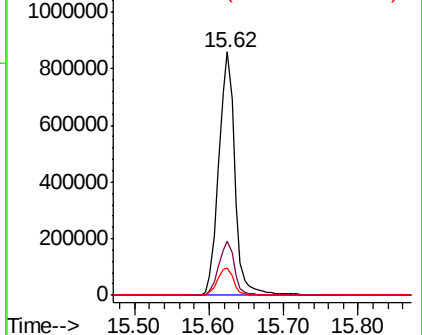
#89
Benzo(a)pyrene
Concen: 49.313 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:252 Resp: 1285040
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.0 9.8 14.6

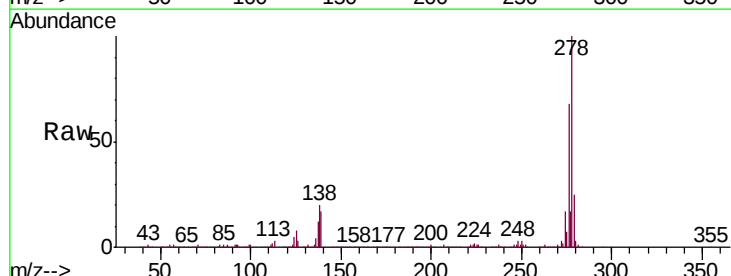


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

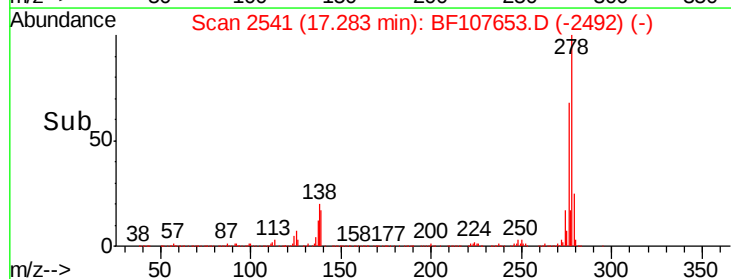
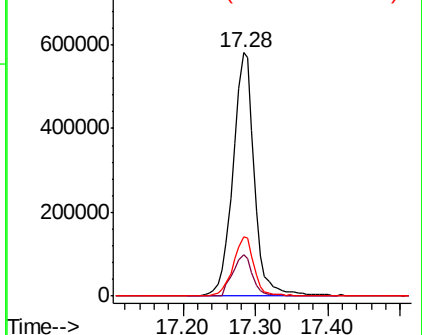


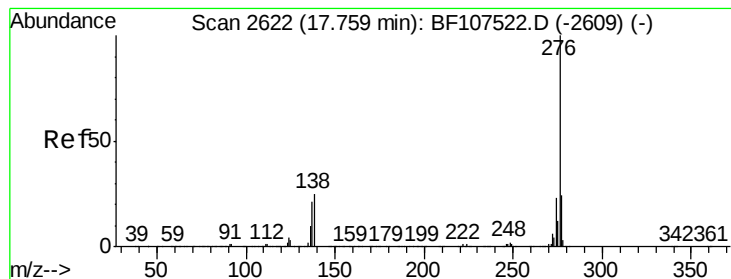
#90
Dibenzo(a,h)anthracene
Concen: 53.099 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:278 Resp: 1196124
Ion Ratio Lower Upper
278 100
139 16.9 15.9 23.9
279 24.6 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: 55.830 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:276 Resp: 1240508

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 21.3 21.8 32.8#

