

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107521.D
 Acq On : 20 Jul 2018 13:44
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 14:37:59 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 14:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	351625	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1377496	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	634163	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1214320	20.00	ng	0.00
75) Chrysene-d12	14.17	240	991743	20.00	ng	0.00
86) Perylene-d12	15.70	264	916928	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1107415	47.83	ng	0.00
7) Phenol-d6	6.61	99	1341019	44.80	ng	0.00
23) Nitrobenzene-d5	7.54	82	1018862	39.44	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	381015	68.38	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2140991	48.51	ng	0.00
78) Terphenyl-d14	13.09	244	2066055	51.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	248336	21.726	ng	# 82
3) Pyridine	3.64	79	681048	22.091	ng	# 83
4) n-Nitrosodimethylamine	3.60	42	289801	22.892	ng	# 93
6) Aniline	6.64	93	868189	21.941	ng	# 89
8) 2-Chlorophenol	6.77	128	600334	25.640	ng	# 97
9) Benzaldehyde	6.53	77	445091	18.484	ng	# 98
10) Phenol	6.62	94	765070	23.840	ng	# 92
11) bis(2-Chloroethyl)ether	6.71	93	600494	22.930	ng	# 91
12) 1,3-Dichlorobenzene	6.91	146	664461	23.375	ng	# 97
13) 1,4-Dichlorobenzene	6.99	146	694372	24.642	ng	# 98
14) 1,2-Dichlorobenzene	7.15	146	628587	23.841	ng	# 99
15) Benzyl Alcohol	7.12	79	471414	15.682	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1119040	40.043	ng	# 91
17) 2-Methylphenol	7.22	107	506266	22.741	ng	# 98
18) Hexachloroethane	7.48	117	243517	23.226	ng	# 93
19) n-Nitroso-di-n-propylamine	7.38	70	428508	19.994	ng	# 98
20) 3+4-Methylphenols	7.38	107	623603	22.052	ng	# 72
22) Acetophenone	7.38	105	832841	22.005	ng	# 89
24) Nitrobenzene	7.56	77	597864	20.594	ng	# 99
25) Isophorone	7.79	82	1070527	20.908	ng	# 98
26) 2-Nitrophenol	7.87	139	220157	22.309	ng	# 92
27) 2,4-Dimethylphenol	7.91	122	458564	22.284	ng	# 99
28) bis(2-Chloroethoxy)methane	8.00	93	746403	23.276	ng	# 99
29) 2,4-Dichlorophenol	8.12	162	500773	23.385	ng	# 98
30) 1,2,4-Trichlorobenzene	8.20	180	546953	21.092	ng	# 98
31) Naphthalene	8.28	128	1603297	23.962	ng	# 99
32) Benzoic acid	8.02	122	209735	16.607	ng	# 94
33) 4-Chloroaniline	8.33	127	743329	25.652	ng	# 97
34) Hexachlorobutadiene	8.39	225	331457	19.102	ng	# 99
35) Caprolactam	8.70	113	155359	22.303	ng	# 61
36) 4-Chloro-3-methylphenol	8.81	107	549717	19.646	ng	# 98
37) 2-Methylnaphthalene	8.97	142	1086156	24.627	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	538310	21.813	ng	# 98
40) Hexachlorocyclopentadiene	9.12	237	253522	19.669	ng	# 99

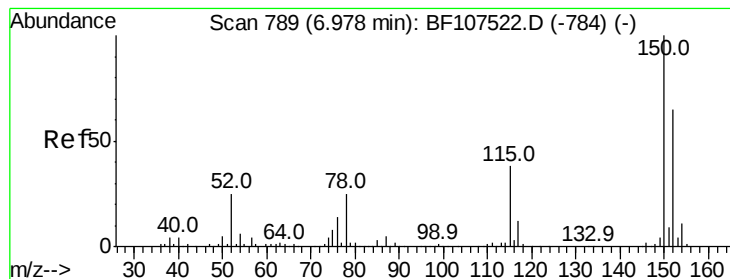
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	355443	23.074	ng	98
43) 2,4,5-Trichlorophenol	9.30	196	362580	24.604	ng	97
45) 1,1'-Biphenyl	9.44	154	1424552	25.981	ng	99
46) 2-Chloronaphthalene	9.47	162	1070932	24.730	ng	99
47) 2-Nitroaniline	9.57	65	289354	21.834	ng	90
48) Acenaphthylene	9.88	152	1646940	27.251	ng	98
49) Dimethylphthalate	9.73	163	1190820	23.634	ng	98
50) 2,6-Dinitrotoluene	9.80	165	230629	23.987	ng	92
51) Acenaphthene	10.05	154	1018688	25.427	ng	98
52) 3-Nitroaniline	9.98	138	278928	27.619	ng	# 99
53) 2,4-Dinitrophenol	10.08	184	48684	14.372	ng	# 22
54) Dibenzofuran	10.22	168	1516392	24.493	ng	97
55) 4-Nitrophenol	10.14	139	204115	24.977	ng	95
56) 2,4-Dinitrotoluene	10.21	165	280450	22.378	ng	97
57) Fluorene	10.57	166	1108829	27.042	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	302584	21.197	ng	90
59) Diethylphthalate	10.43	149	1274693	26.040	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	597527	24.465	ng	91
61) 4-Nitroaniline	10.59	138	254450	26.475	ng	98
62) Azobenzene	10.72	77	1244103	21.642	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	101111	17.479	ng	87
65) n-Nitrosodiphenylamine	10.68	169	1056676	27.552	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	369121	26.569	ng	91
67) Hexachlorobenzene	11.12	284	396786	30.854	ng	# 84
68) Atrazine	11.20	200	322130	22.226	ng	97
69) Pentachlorophenol	11.31	266	244889	25.768	ng	98
70) Phenanthrene	11.54	178	1538534	25.423	ng	98
71) Anthracene	11.59	178	1553754	25.777	ng	98
72) Carbazole	11.75	167	1616520	28.328	ng	98
73) Di-n-butylphthalate	12.06	149	1898736	28.953	ng	98
74) Fluoranthene	12.73	202	1658917	24.118	ng	98
76) Benzidine	12.85	184	739132	19.204	ng	98
77) Pyrene	12.96	202	1696649	25.158	ng	98
79) Butylbenzylphthalate	13.57	149	766417	31.199	ng	99
80) Benzo(a)anthracene	14.15	228	1469996	24.225	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	514602	25.286	ng	96
82) Chrysene	14.19	228	1415301	24.416	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1074586	30.526	ng	99
84) Di-n-octyl phthalate	14.75	149	1740292	31.802	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1097787	26.606	ng	97
87) Benzo(b)fluoranthene	15.24	252	1221533	22.760	ng	98
88) Benzo(k)fluoranthene	15.27	252	1307891	24.971	ng	99
89) Benzo(a)pyrene	15.64	252	1153605	23.419	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	919676	24.738	ng	98
91) Benzo(g,h,i)perylene	17.75	276	876284	23.197	ng	96

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

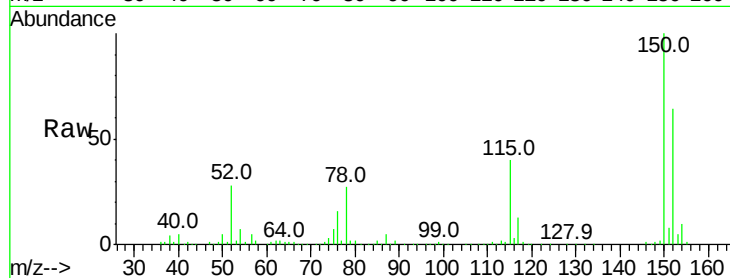


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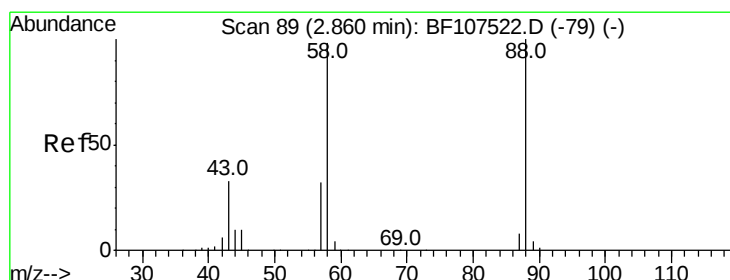
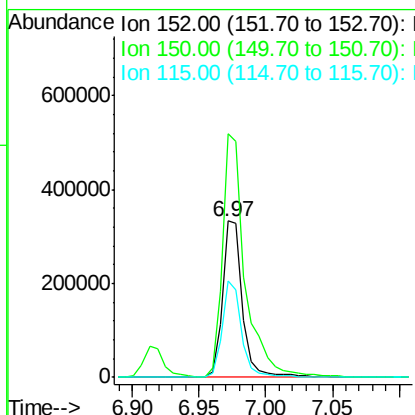
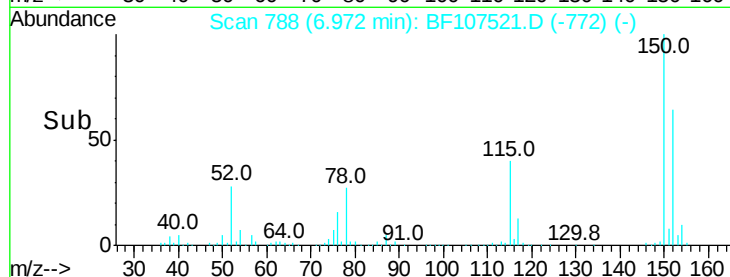
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 351625
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 61.7 50.1 75.1



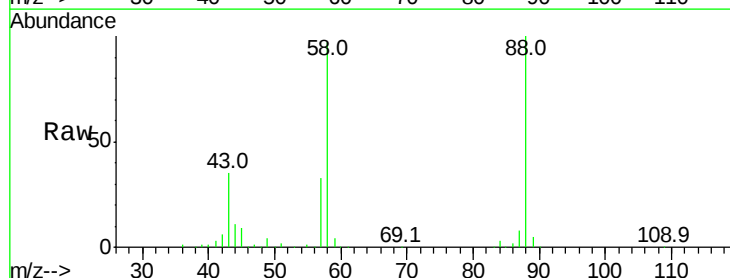
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



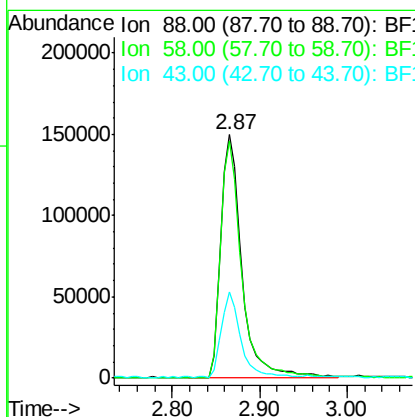
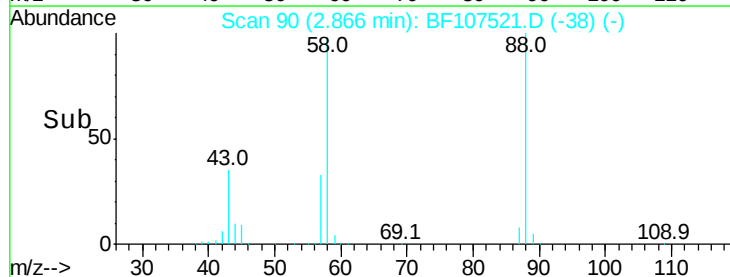
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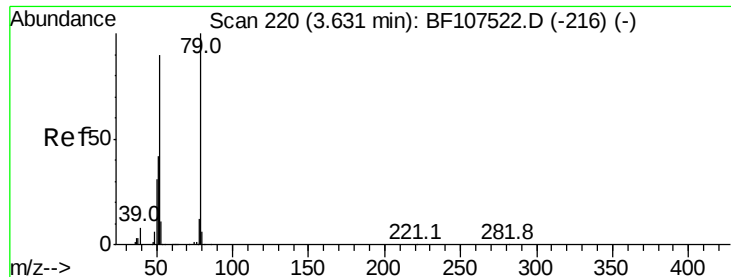
1,4-Dioxane
Concen: 21.726 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion: 88 Resp: 248336
Ion Ratio Lower Upper
88 100
58 98.8 62.6 93.8#
43 33.2 24.6 37.0



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





#3

Pvridine

Concen: 22.091 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

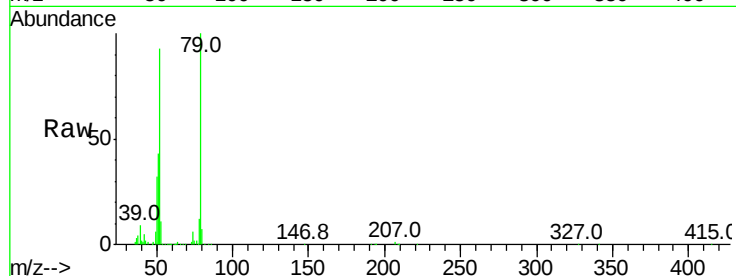
Tot Ion: 79 Resp: 681048

Ion Ratio Lower Upper

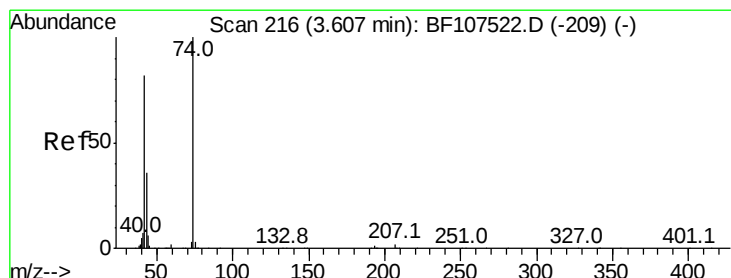
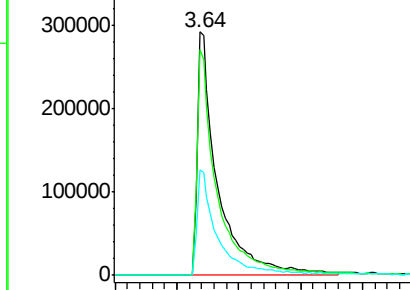
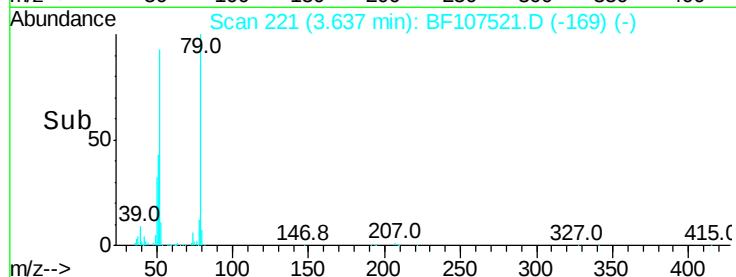
79 100

52 92.6 59.8 89.6#

51 43.5 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: 22.892 ng

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

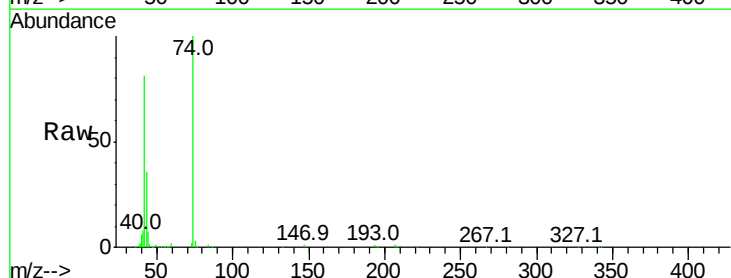
Tgt Ion: 42 Resp: 289801

Ion Ratio Lower Upper

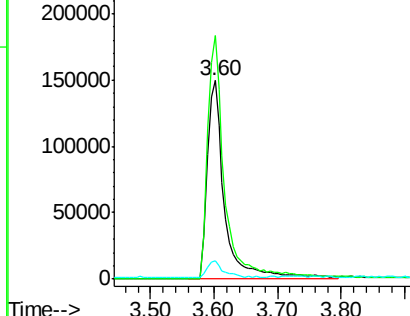
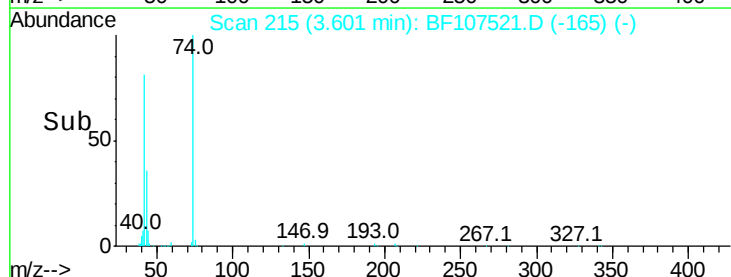
42 100

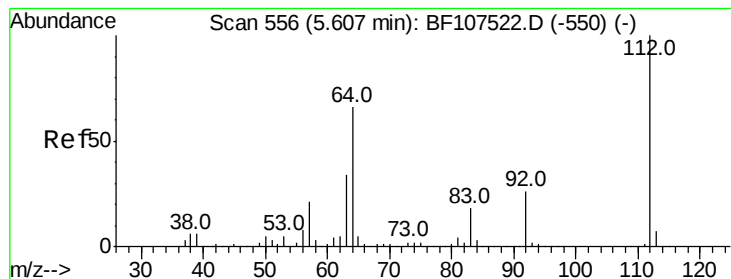
74 122.7 104.9 157.3

44 9.0 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: 47.832 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :
BNA_F
ClientSampleId :

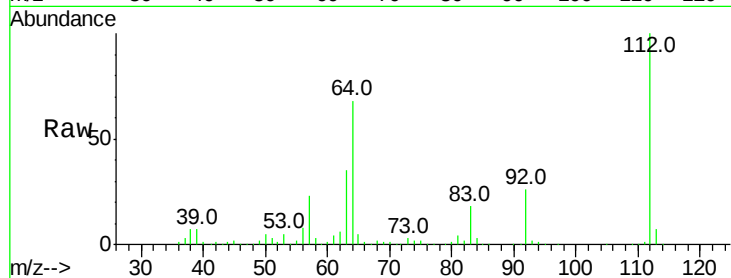
Tot Ion:112 Resp: 1107415

Ion Ratio Lower Upper

112 100

64 68.4 47.9 71.9

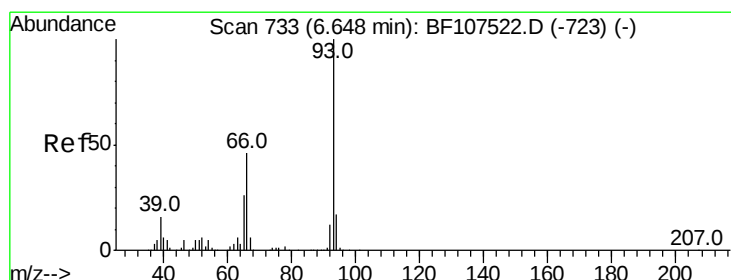
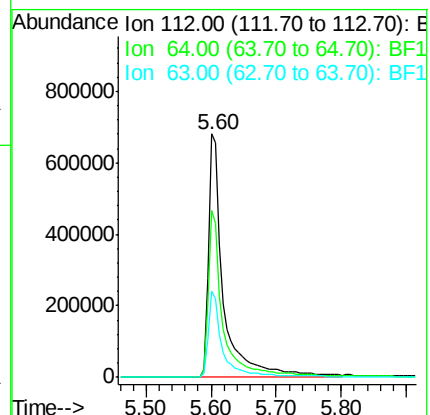
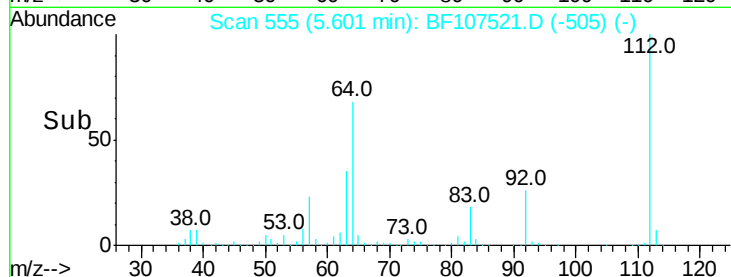
63 35.2 23.7 35.5



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: 21.941 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

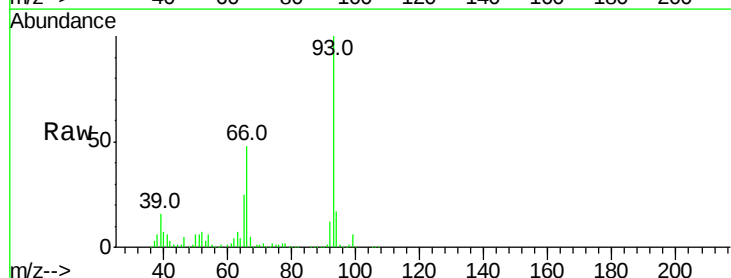
Tgt Ion: 93 Resp: 868189

Ion Ratio Lower Upper

93 100

66 47.8 32.2 48.2

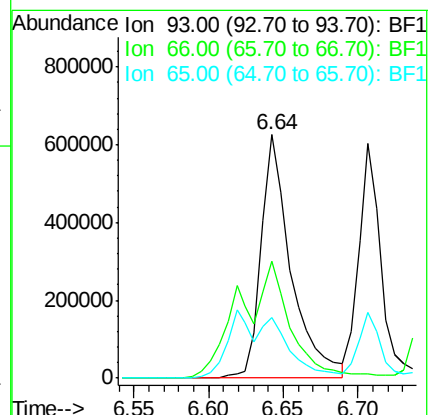
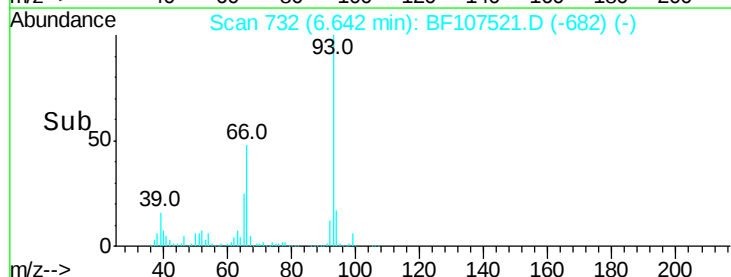
65 24.7 16.4 24.6#

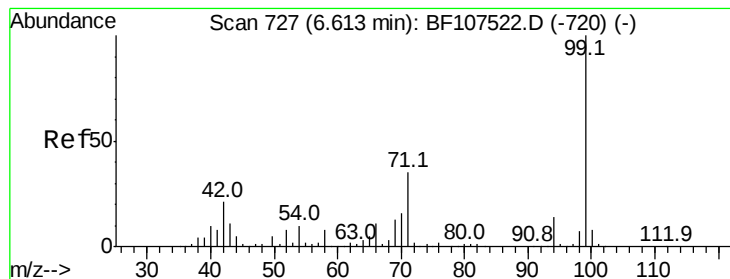


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 44.800 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

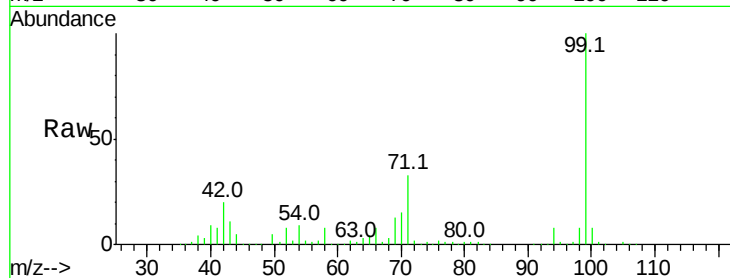
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1341019

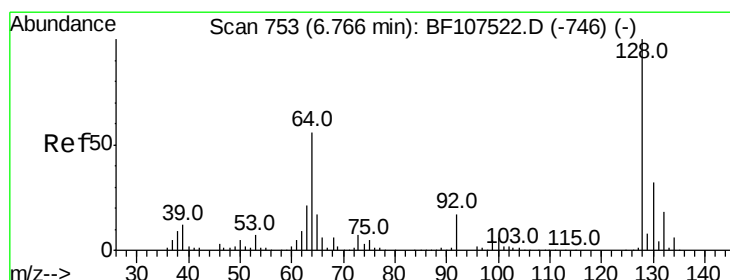
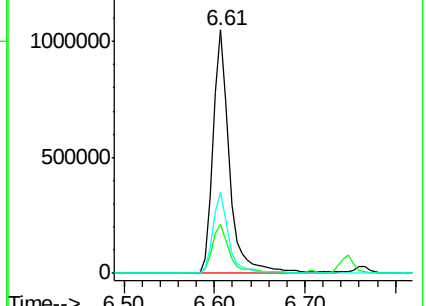
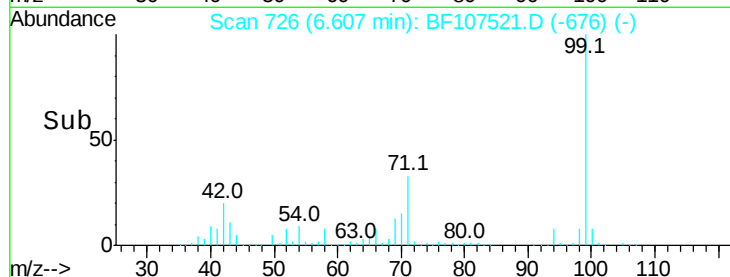
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 25.640 ng

RT: 6.77 min Scan# 753

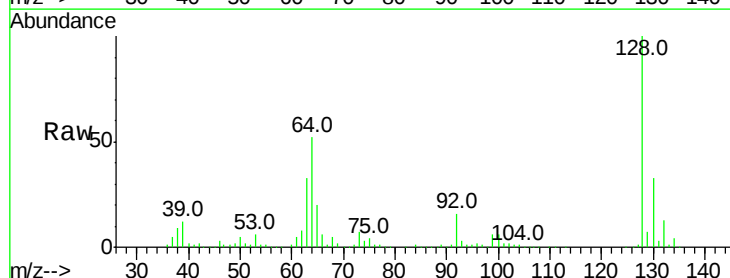
Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Tgt Ion: 128 Resp: 600334

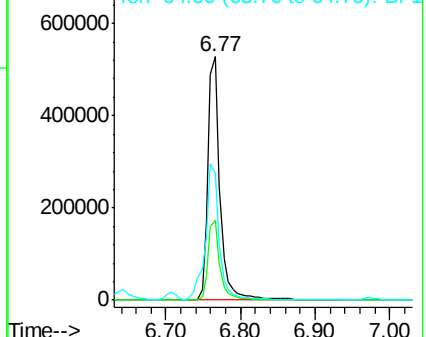
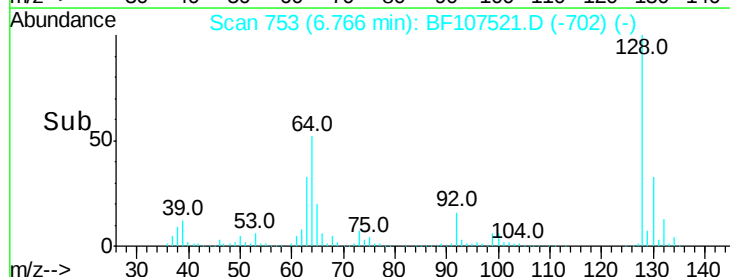
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	52.5	29.4	69.4

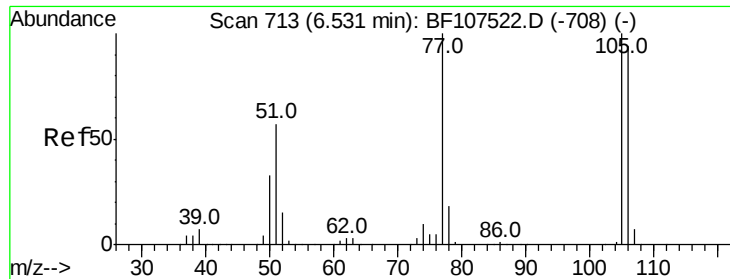


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.484 ng

RT: 6.53 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampled :

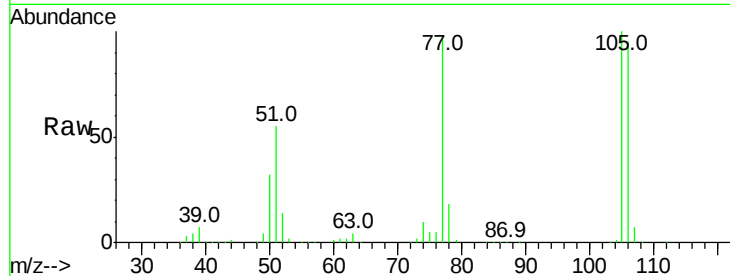
Tot Ion: 77 Resp: 445091

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

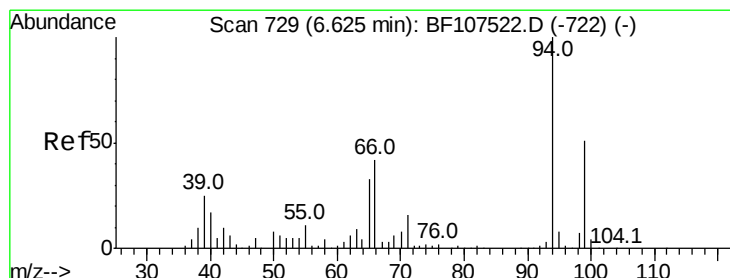
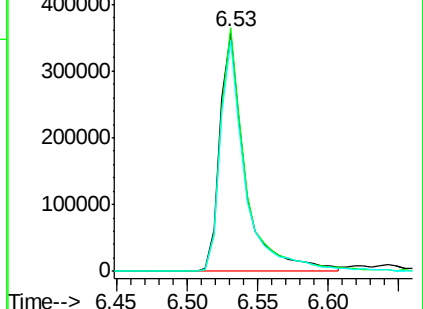
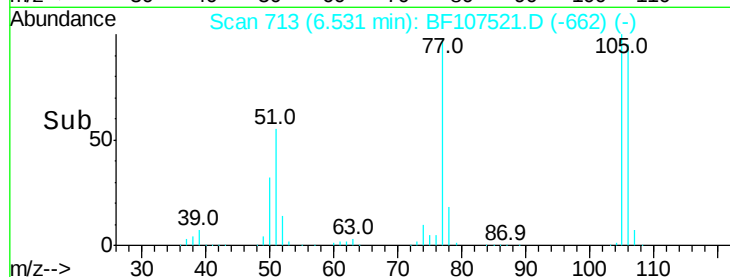
106 96.5 74.5 114.5



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: 23.840 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

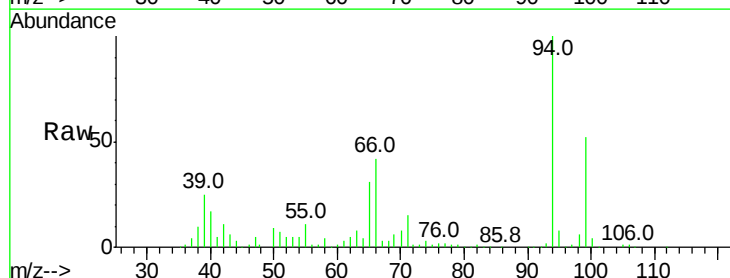
Tgt Ion: 94 Resp: 765070

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

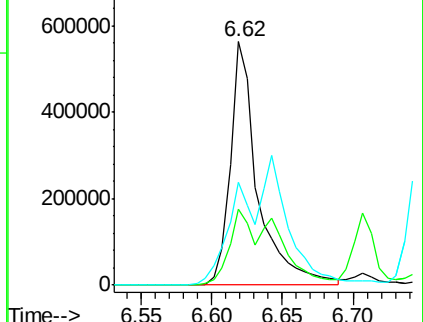
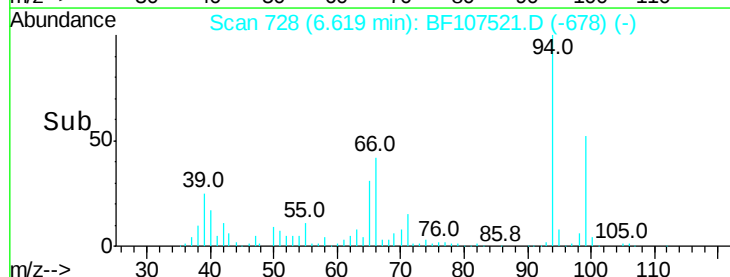
66 42.0 16.2 56.2

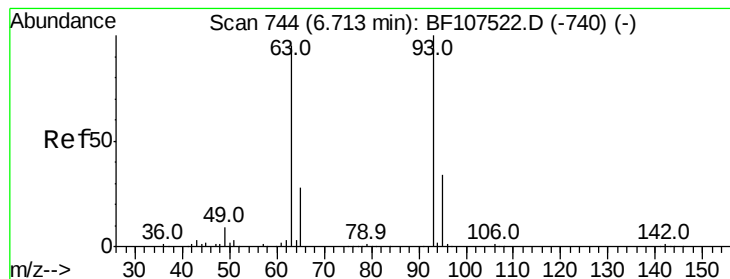


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 22.930 ng

RT: 6.71 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

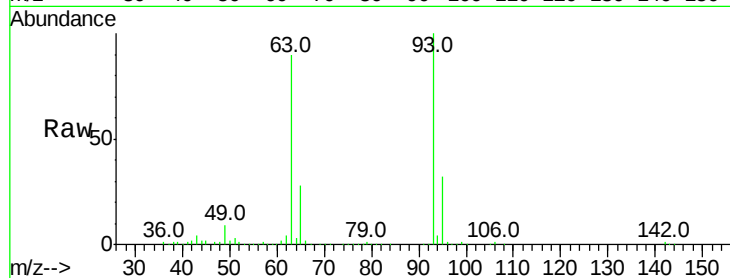
Tot Ion: 93 Resp: 600494

Ion Ratio Lower Upper

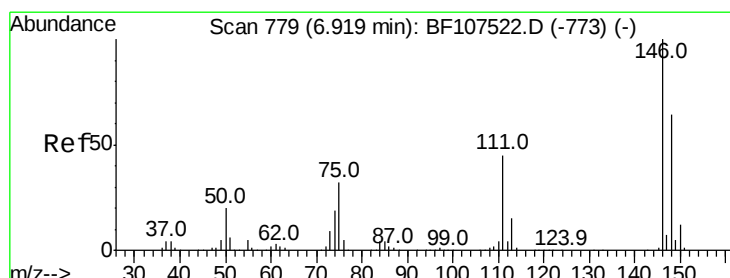
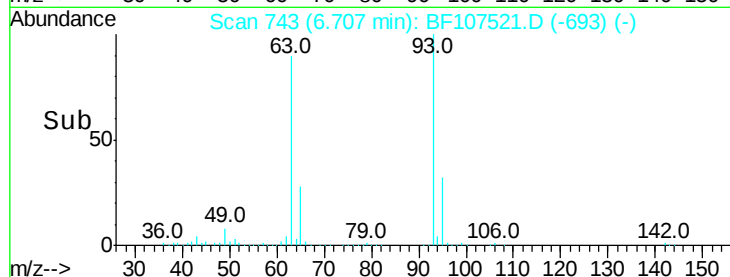
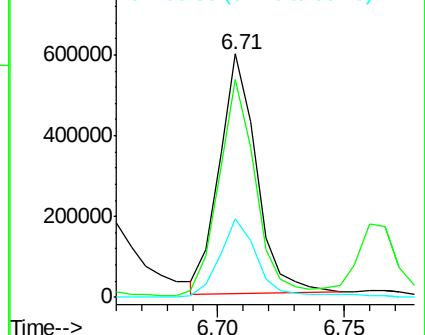
93 100

63 89.8 58.6 98.6

95 32.2 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 23.375 ng

RT: 6.91 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

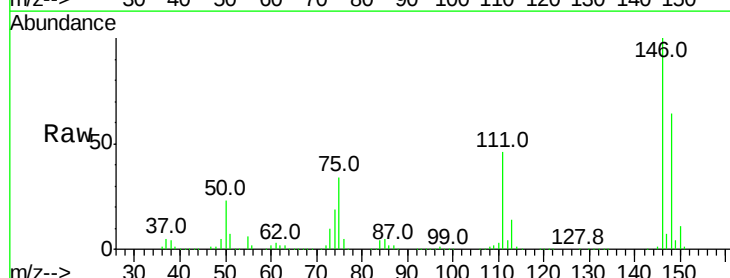
Tgt Ion: 146 Resp: 664461

Ion Ratio Lower Upper

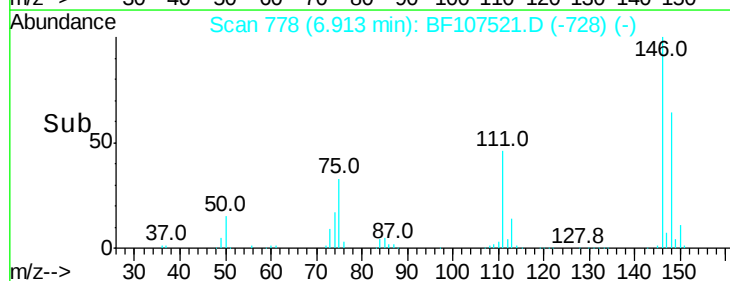
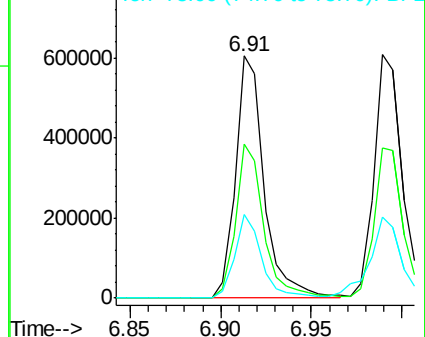
146 100

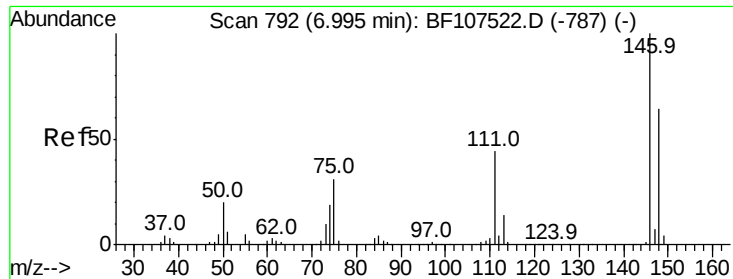
148 63.7 51.8 77.8

75 34.4 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

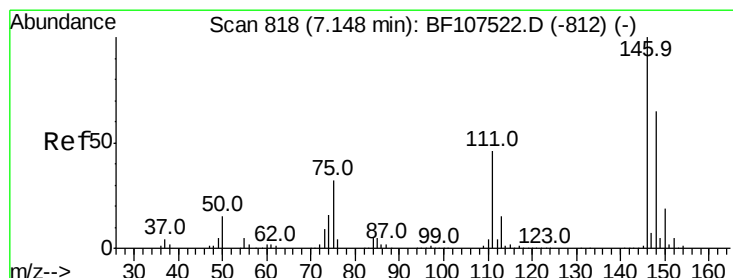
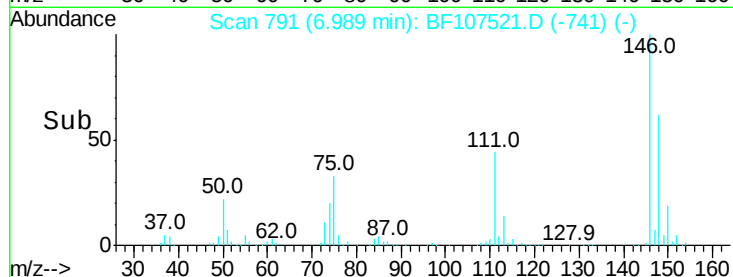
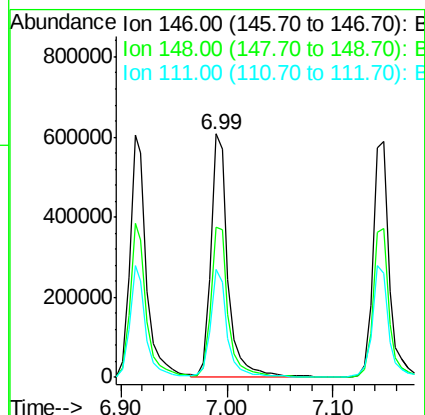
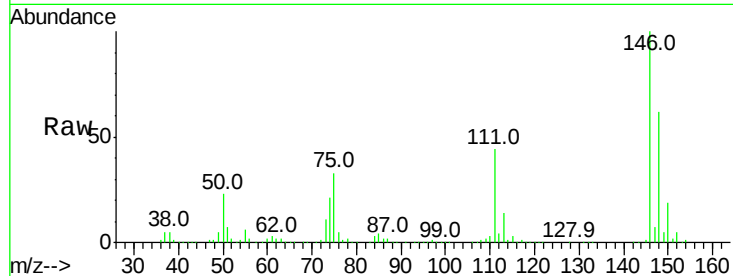




#13
 1,4-Dichlorobenzene
 Concen: 24.642 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

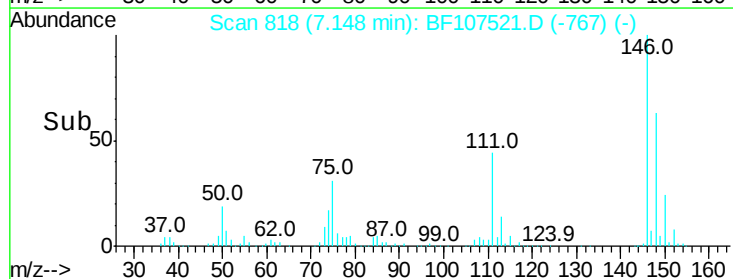
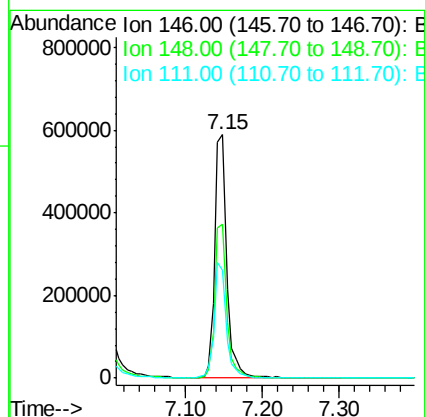
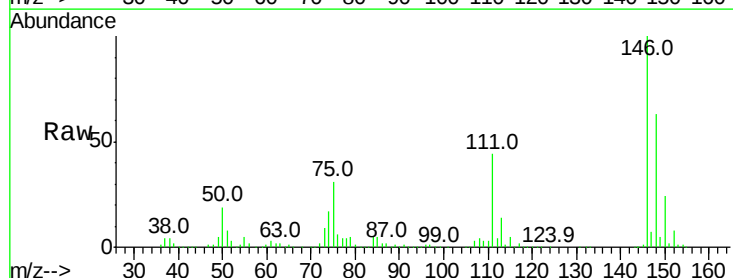
Instrument :
 BNA_F
 ClientSampleId :

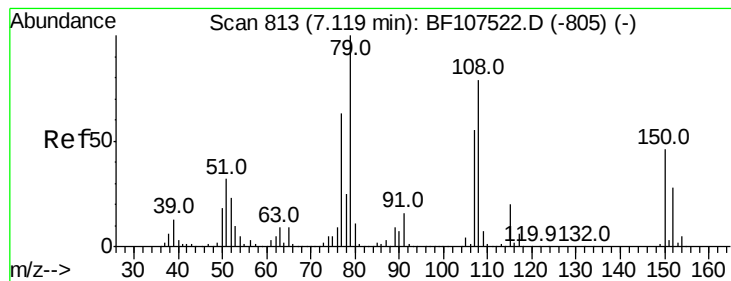
Tot Ion:146 Resp: 694372
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.8 76.2
 111 44.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 23.841 ng
 RT: 7.15 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:146 Resp: 628587
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 44.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 15.682 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :
BNA_F
ClientSampleId :

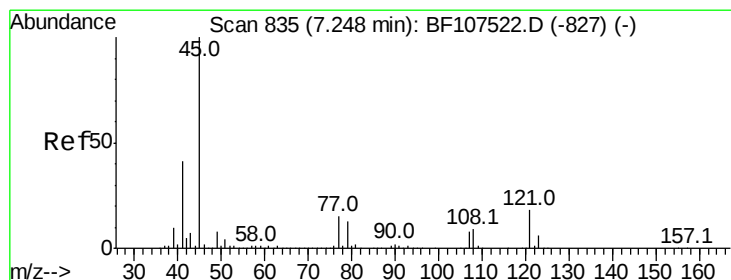
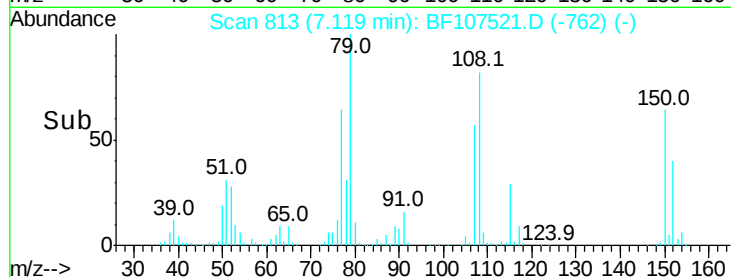
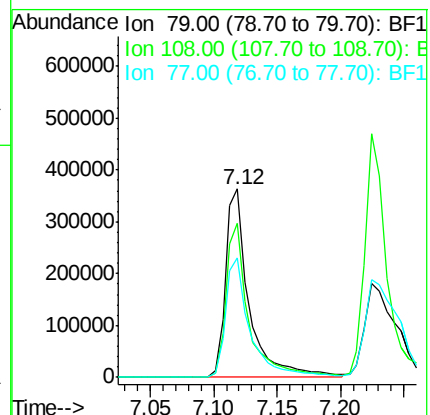
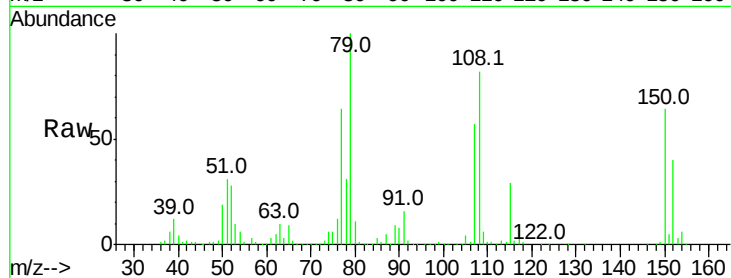
Tot Ion: 79 Resp: 471414

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

77 63.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.043 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

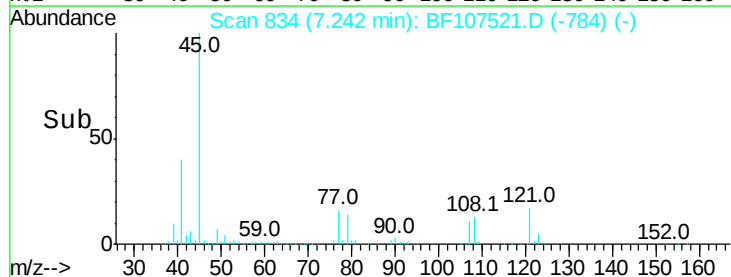
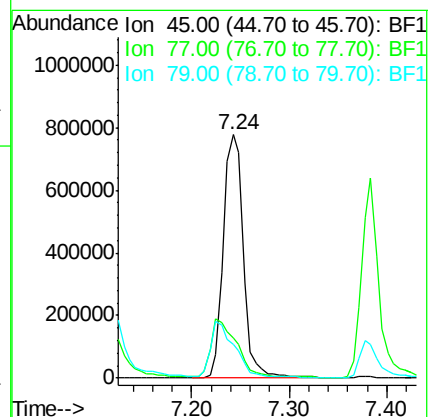
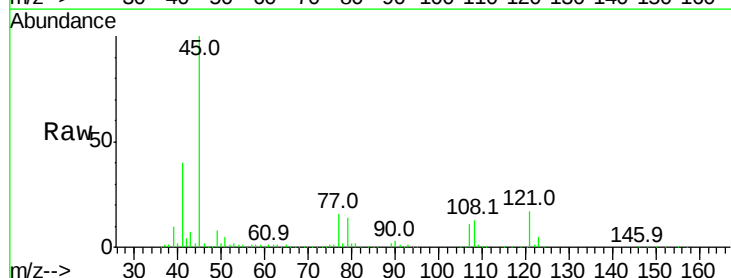
Tgt Ion: 45 Resp: 1119040

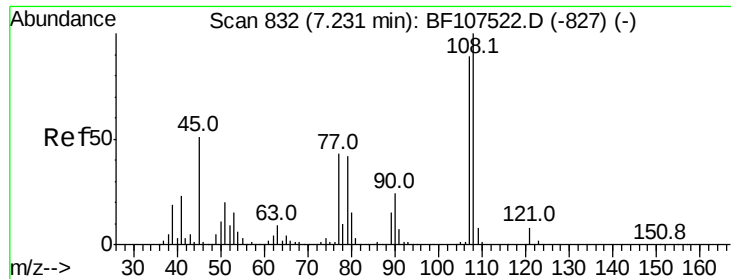
Ion Ratio Lower Upper

45 100

77 16.2 0.0 32.9

79 13.6 0.0 29.6

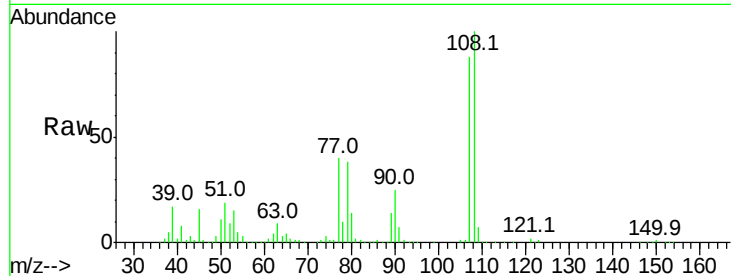




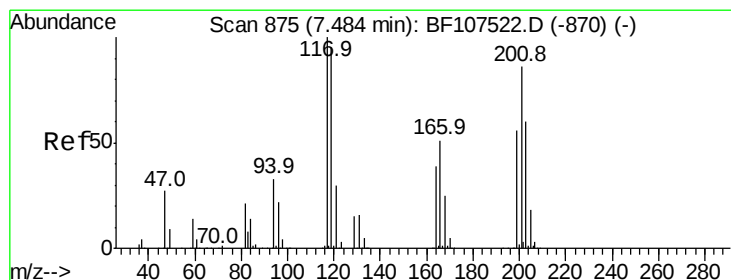
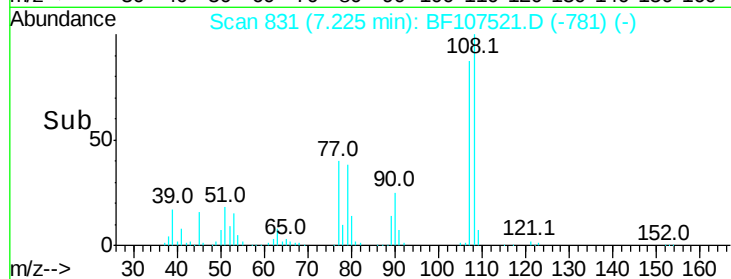
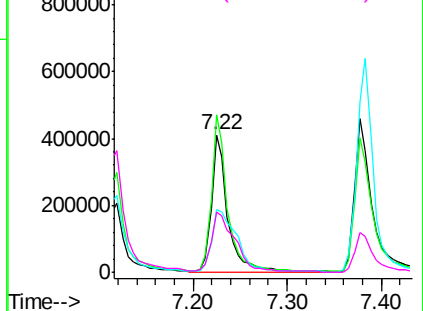
#17
2-Methylphenol
Concen: 22.741 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.7	137.5
77	46.0	33.8	50.8
79	44.0	33.8	50.8

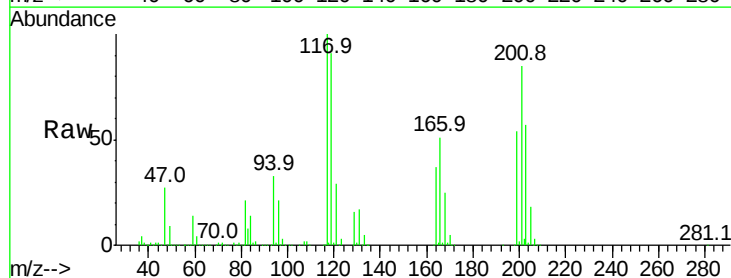


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

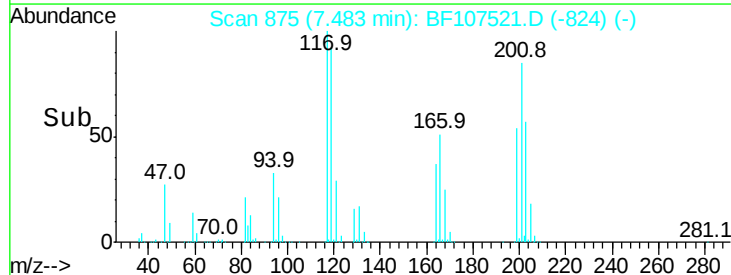
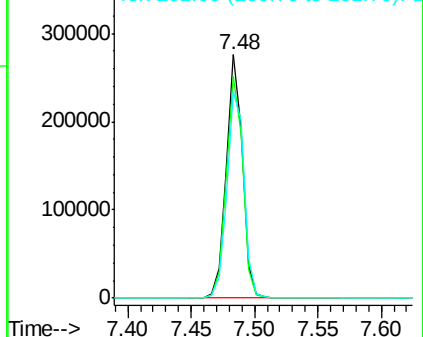


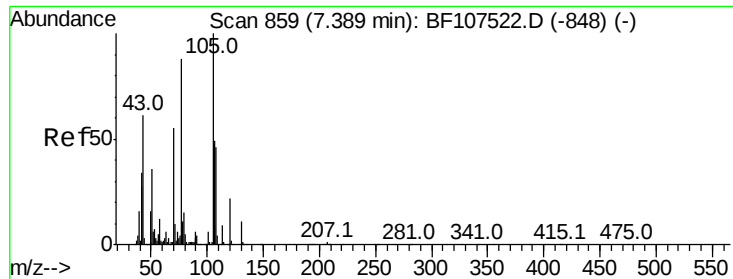
#18
Hexachloroethane
Concen: 23.226 ng
RT: 7.48 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.8	113.8
201	84.8	75.7	113.5



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

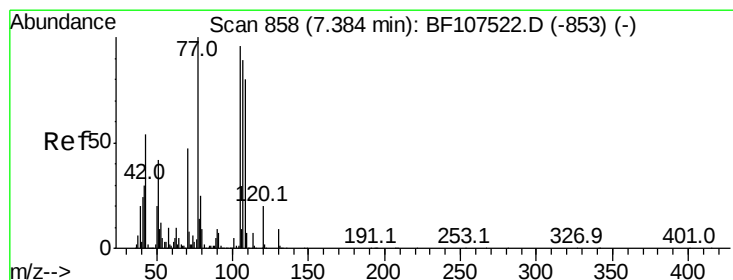
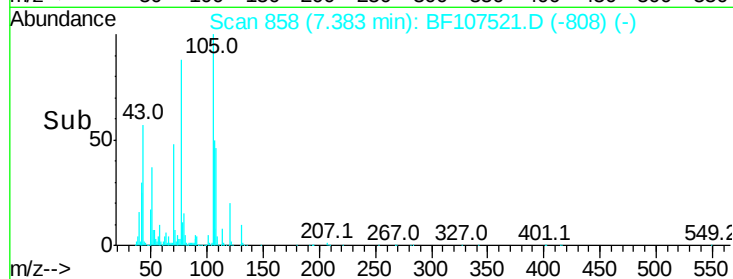
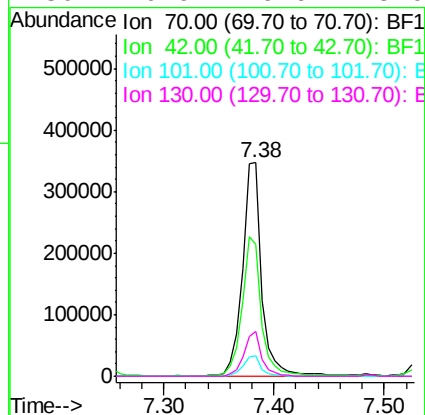
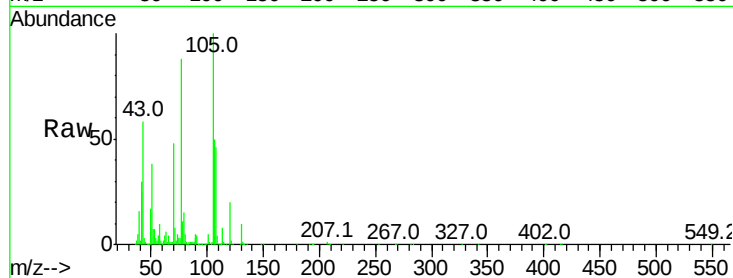




#19
n-Nitroso-di-n-propylamine
Concen: 19.994 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

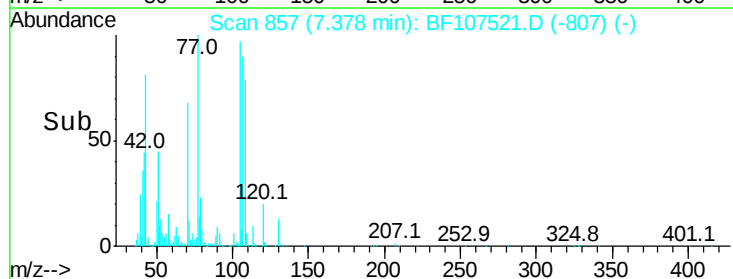
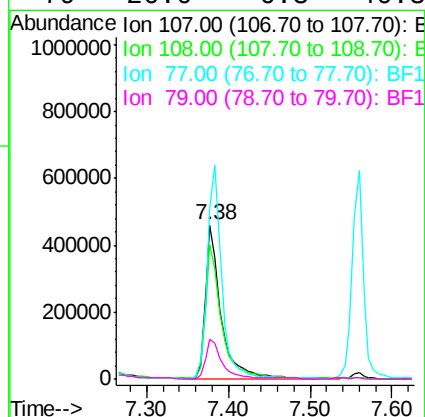
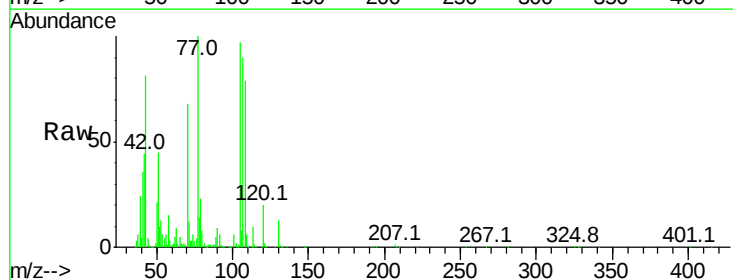
Instrument :
BNA_F
ClientSampleId :

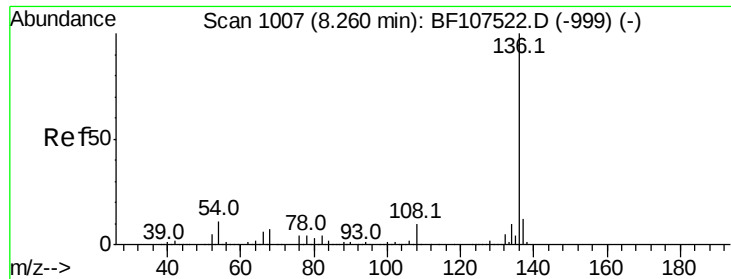
Tot Ion: 70 Resp: 428508
Ion Ratio Lower Upper
70 100
42 61.8 47.5 71.3
101 9.8 7.4 11.2
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 22.052 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion: 107 Resp: 623603
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 110.7 26.7 66.7#
79 26.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

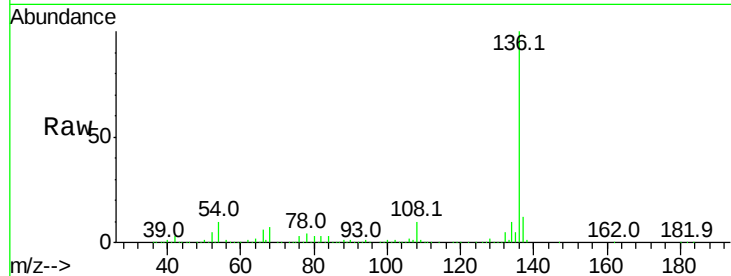
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1377496

Ion Ratio Lower Upper

136	100		
137	11.8	8.9	13.3
54	10.5	6.6	9.8#
68	6.9	5.0	7.4

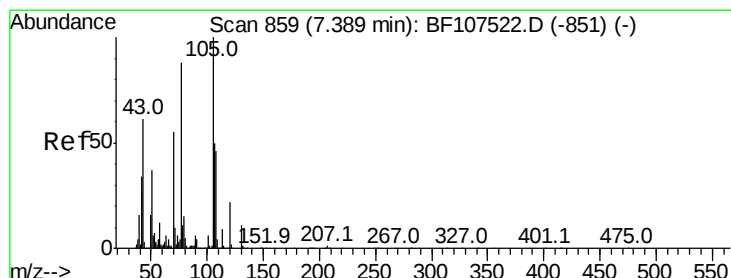
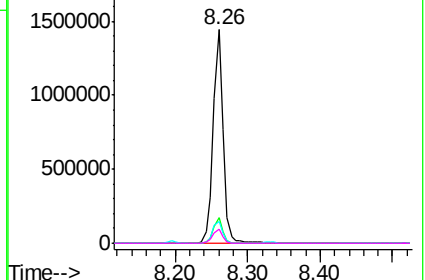
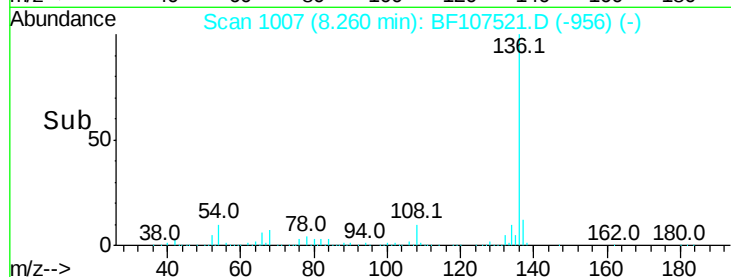


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.005 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

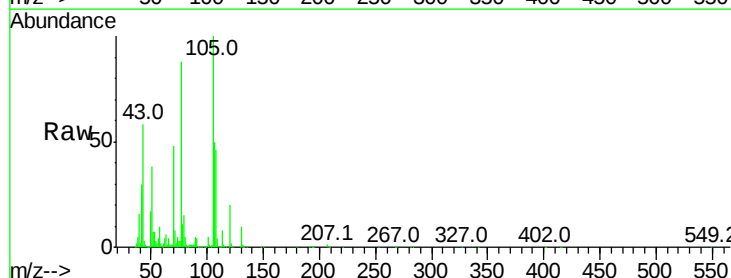
Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Tgt Ion:105 Resp: 832841

Ion Ratio Lower Upper

105	100		
71	7.5	4.4	6.6#
51	37.6	22.3	33.5#
120	20.4	16.9	25.3

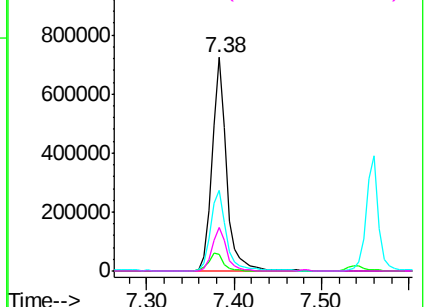
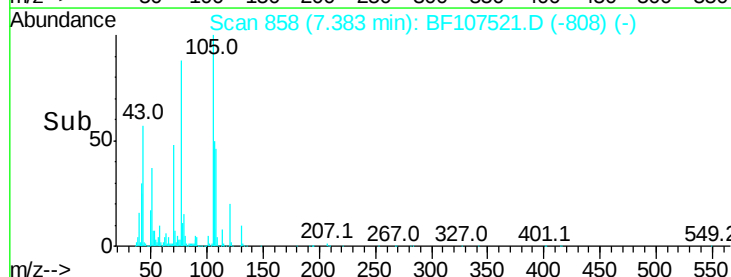


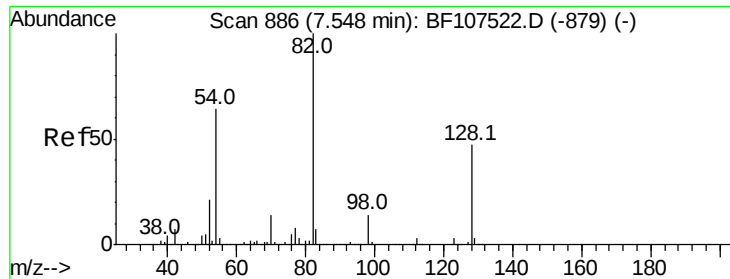
Abundance Ion 105.00 (104.70 to 105.70): E

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

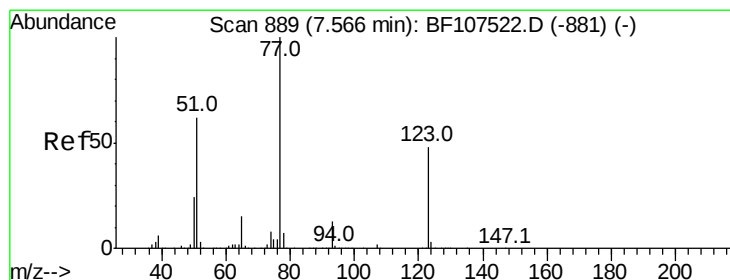
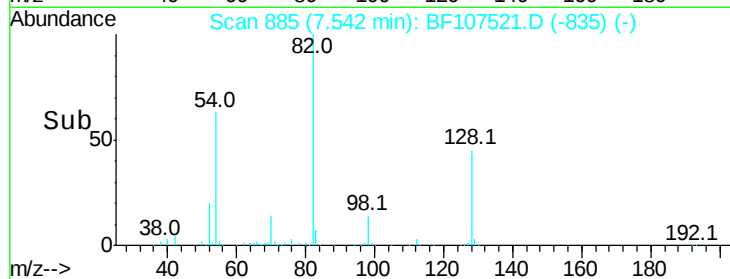
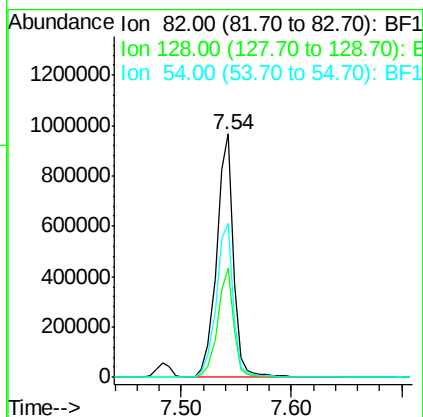
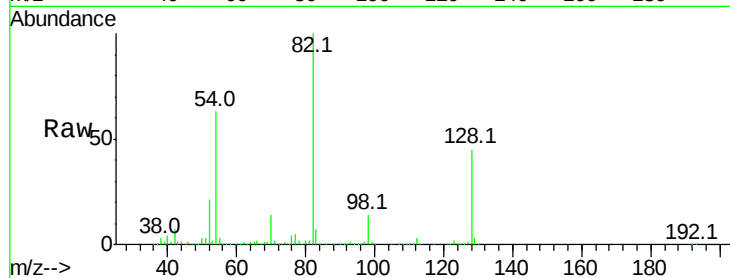




#23
 Nitrobenzene-d5
 Concen: 39.441 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

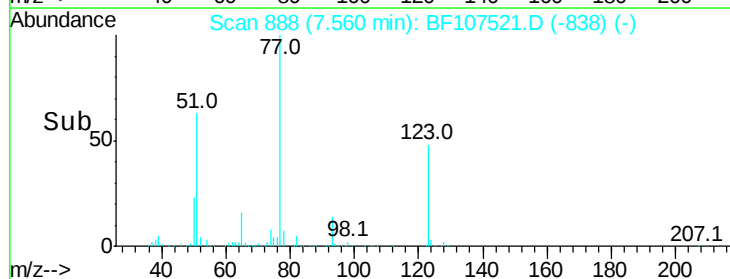
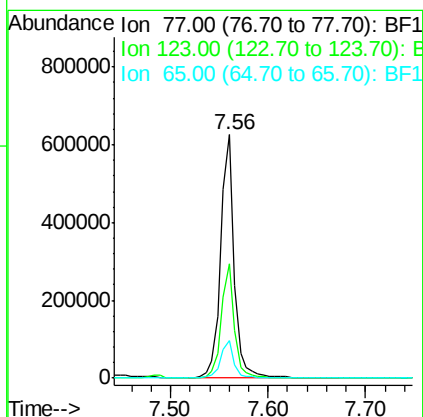
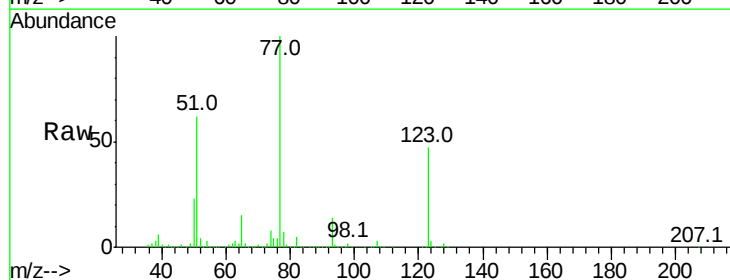
Instrument :
 BNA_F
 ClientSampleId :

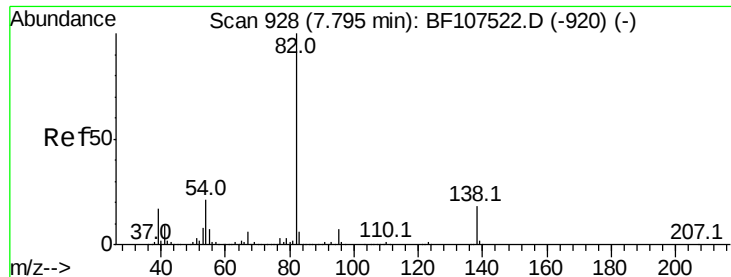
Tot Ion: 82 Resp: 1018862
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 63.1 41.4 62.2#



#24
 Nitrobenzene
 Concen: 20.594 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion: 77 Resp: 597864
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.9 56.9
 65 15.4 11.0 16.4





#25

Isophorone

Concen: 20.908 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

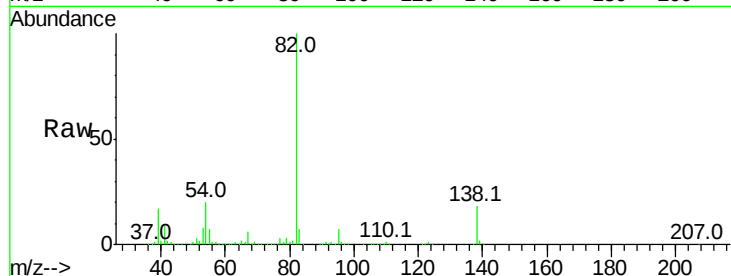
Tot Ion: 82 Resp: 1070527

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

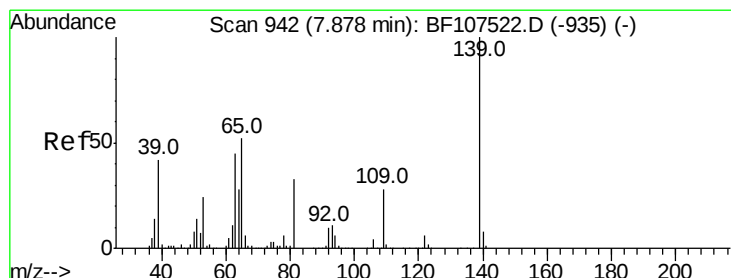
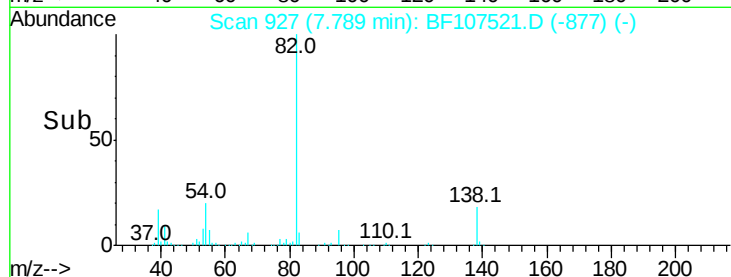
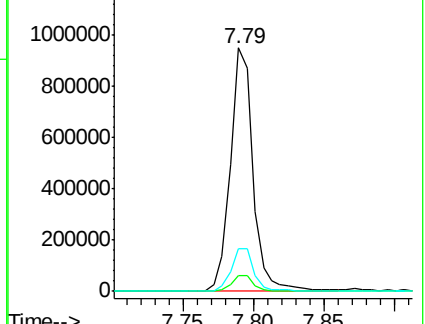
138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 22.309 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

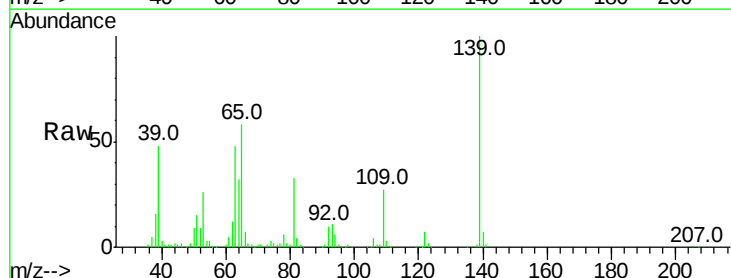
Tgt Ion: 139 Resp: 220157

Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

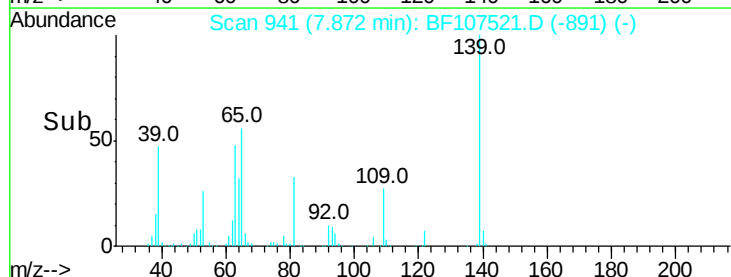
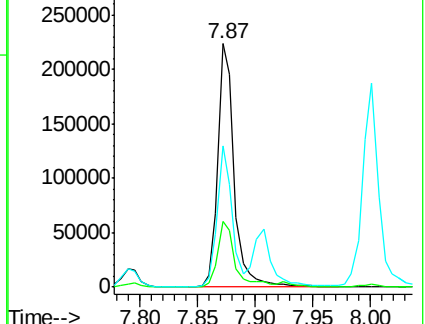
65 57.9 40.5 60.7

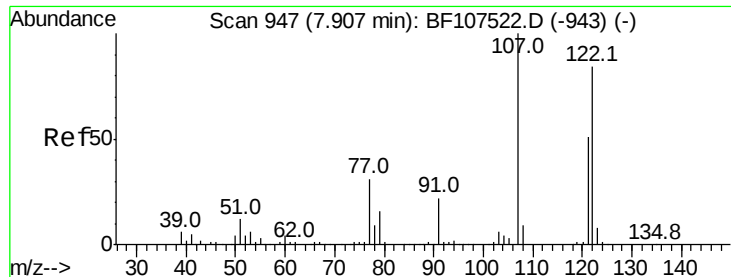


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

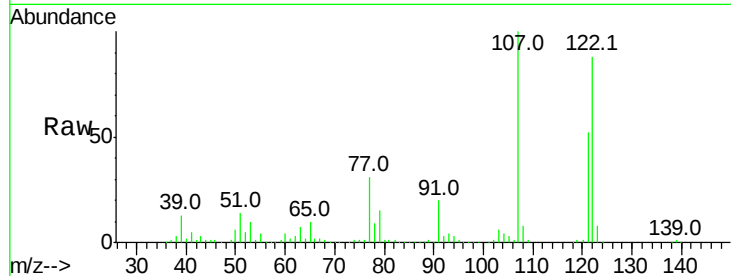




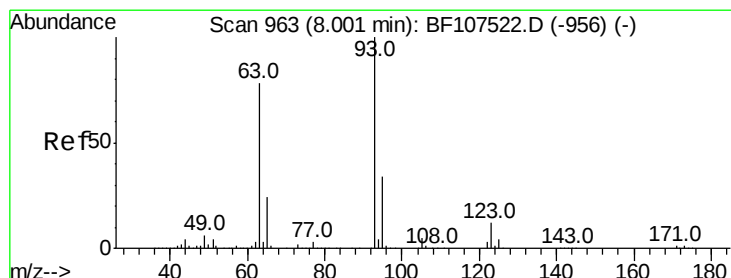
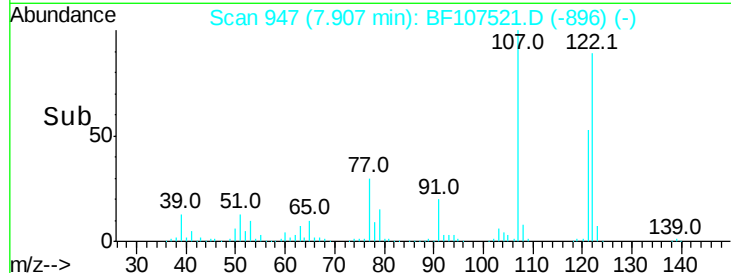
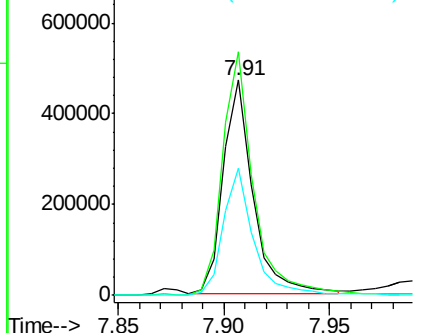
#27
 2,4-Dimethylphenol
 Concen: 22.284 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.2	136.8
121	59.3	47.2	70.8

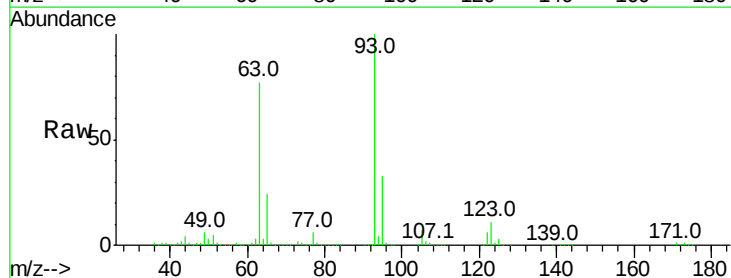


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

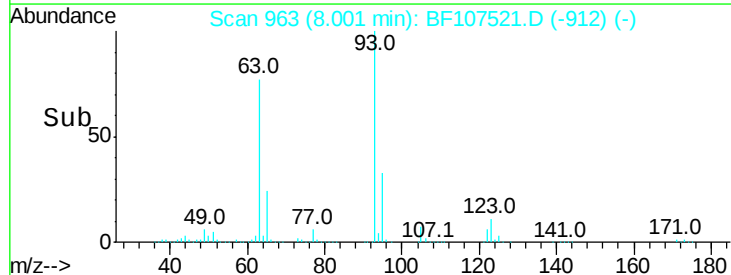
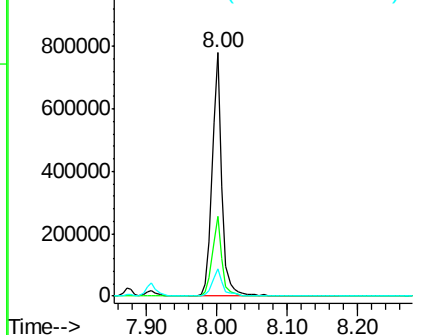


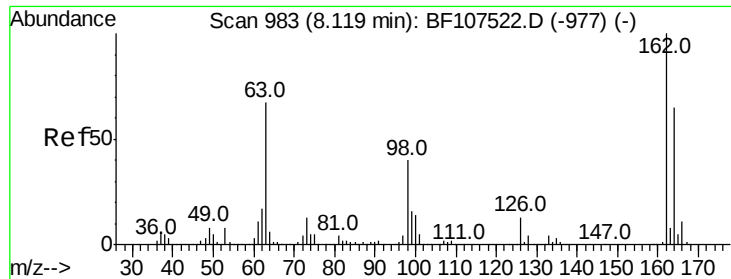
#28
 bis(2-Chloroethoxy)methane
 Concen: 23.276 ng
 RT: 8.00 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.3	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

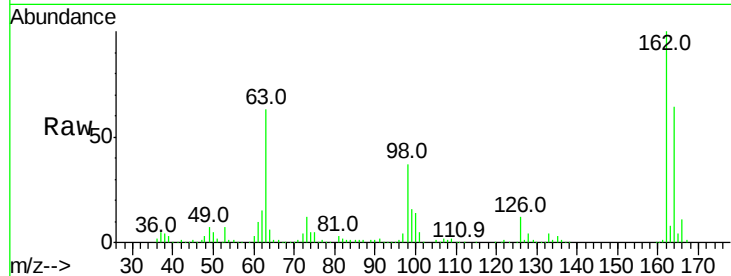




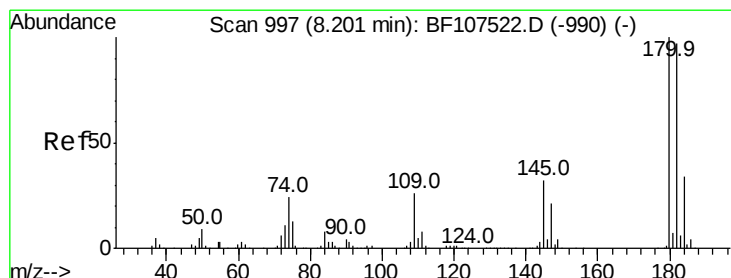
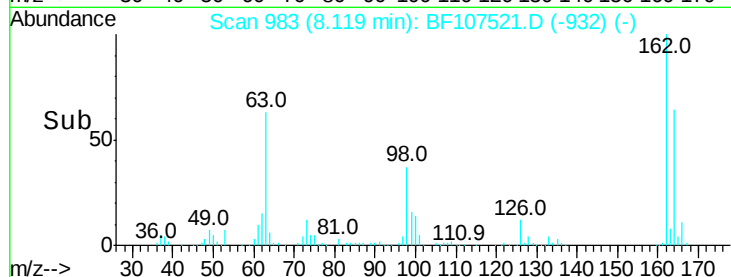
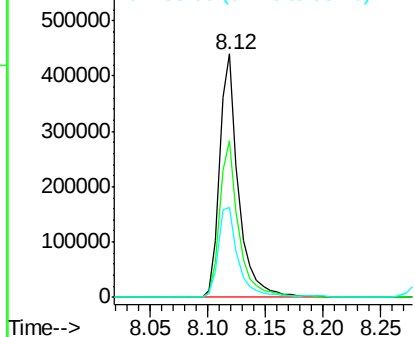
#29
 2,4-Dichlorophenol
 Concen: 23.385 ng
 RT: 8.12 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 500773
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.7 82.7
 98 36.9 18.1 58.1

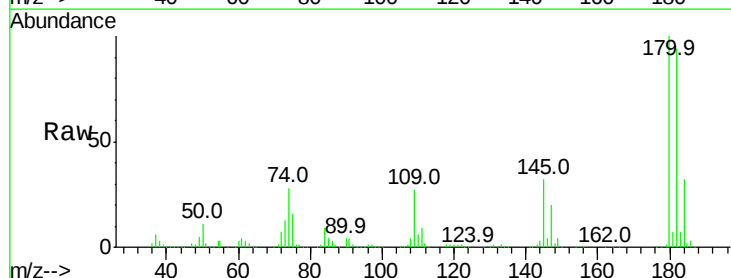


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

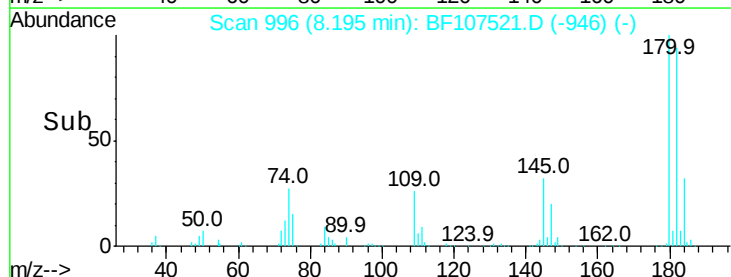
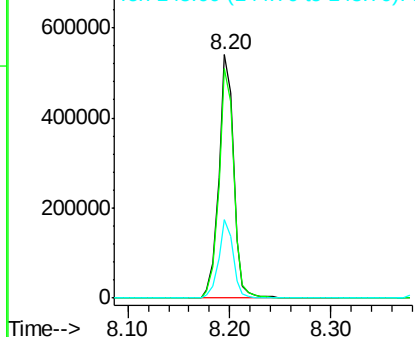


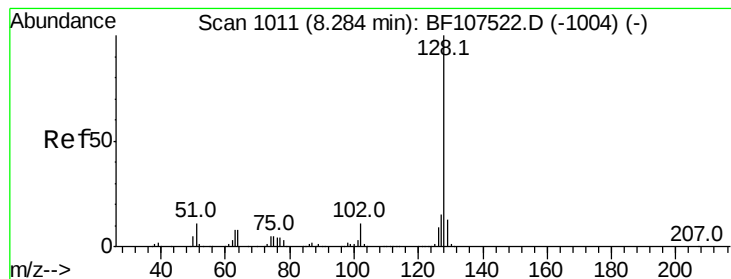
#30
 1,2,4-Trichlorobenzene
 Concen: 21.092 ng
 RT: 8.20 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:180 Resp: 546953
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.8 115.2
 145 32.5 26.5 39.7



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





#31

Naphthalene

Concen: 23.962 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

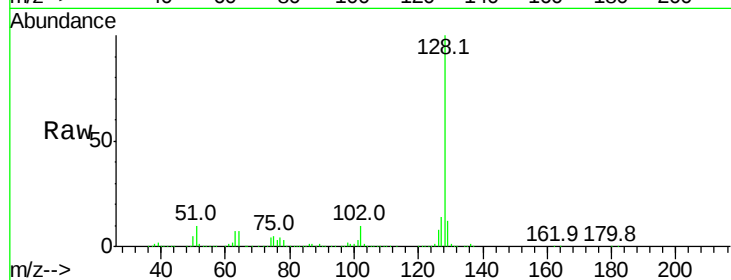
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1603297

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.7	10.9	16.3

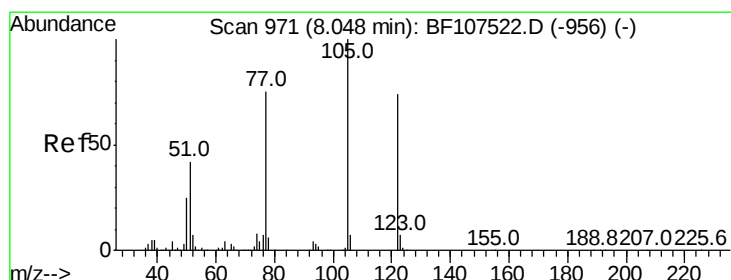
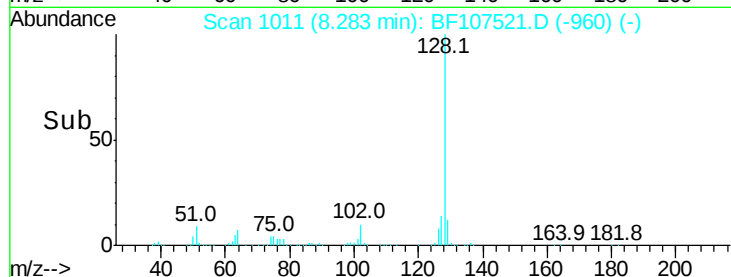
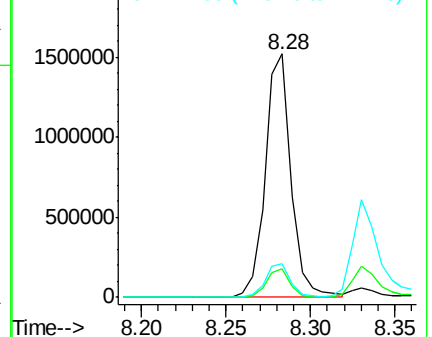


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.607 ng

RT: 8.02 min Scan# 967

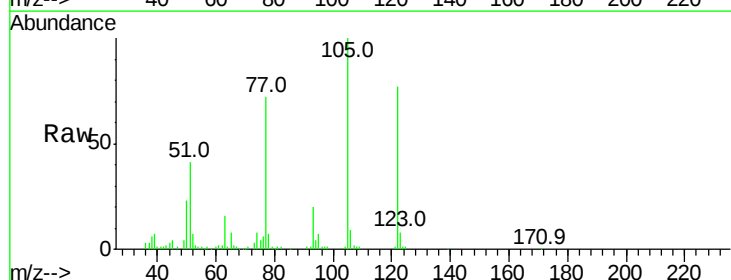
Delta R.T. -0.02 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Tgt Ion:122 Resp: 209735

Ion	Ratio	Lower	Upper
122	100		
105	130.5	101.1	141.1
77	94.3	70.7	110.7

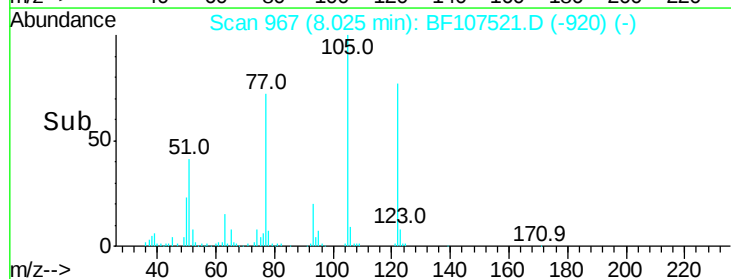
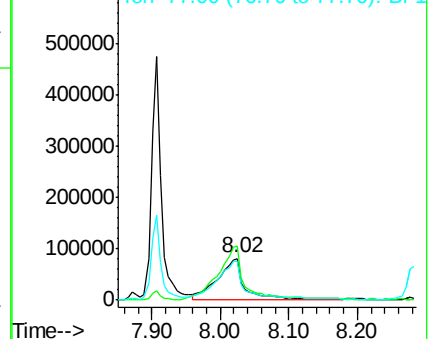


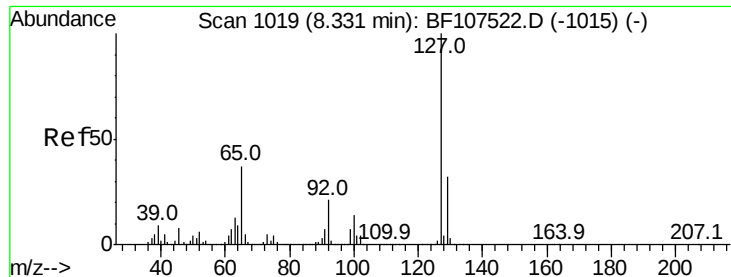
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

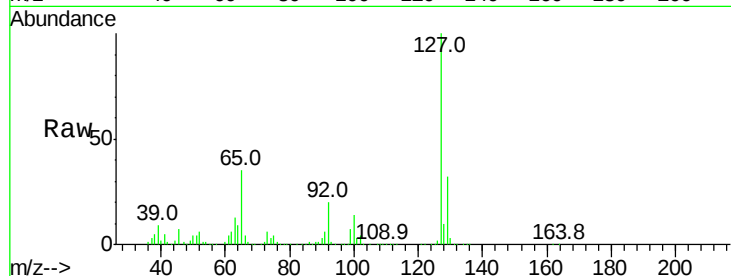




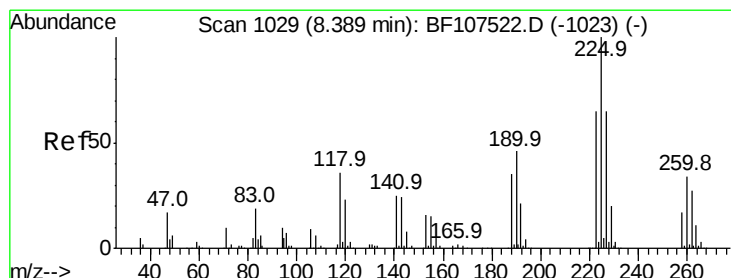
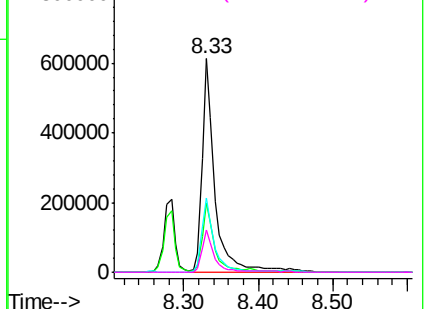
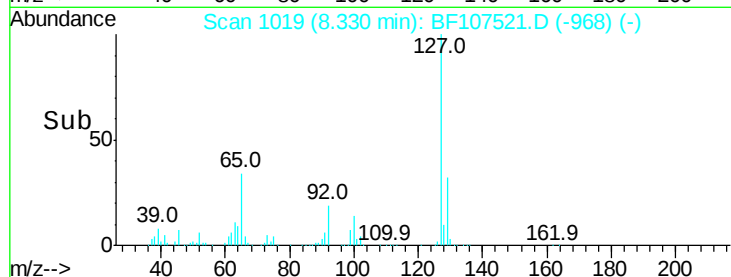
#33
 4-Chloroaniline
 Concen: 25.652 ng
 RT: 8.33 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	743329
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	34.9	25.0	37.4
92	19.6	15.2	22.8

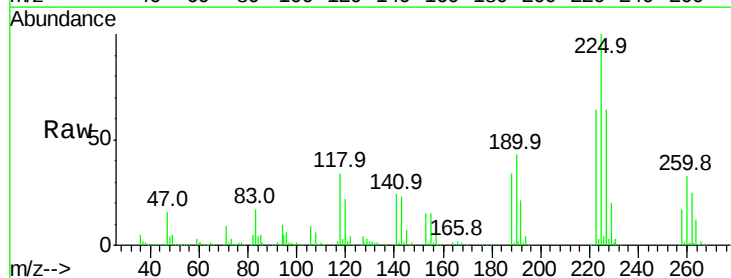


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

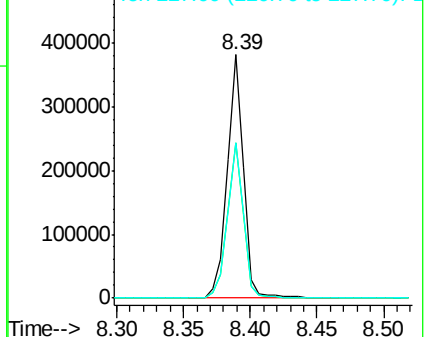
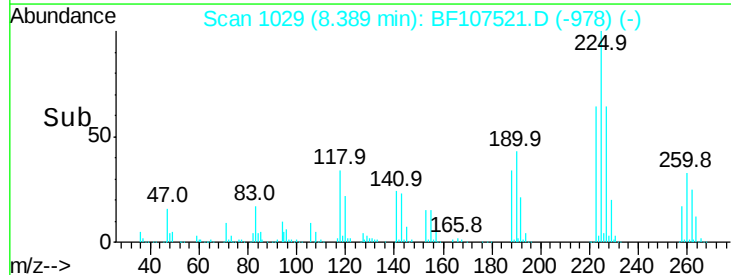


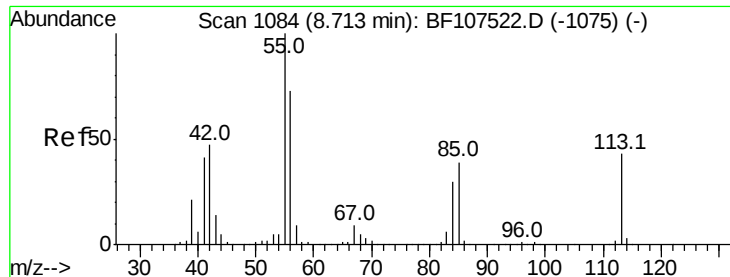
#34
 Hexachlorobutadiene
 Concen: 19.102 ng
 RT: 8.39 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:	225	Resp:	331457
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.6	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: 22.303 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampled :

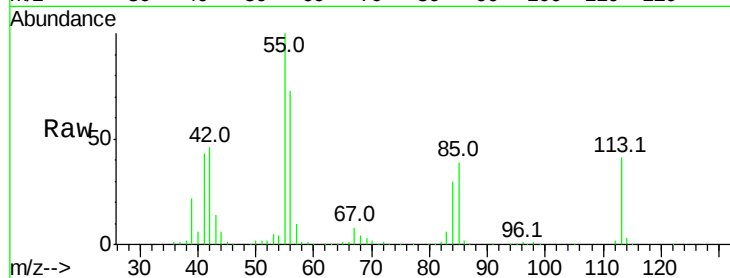
Tot Ion:113 Resp: 155359

Ion Ratio Lower Upper

113 100

55 244.0 163.3 203.3#

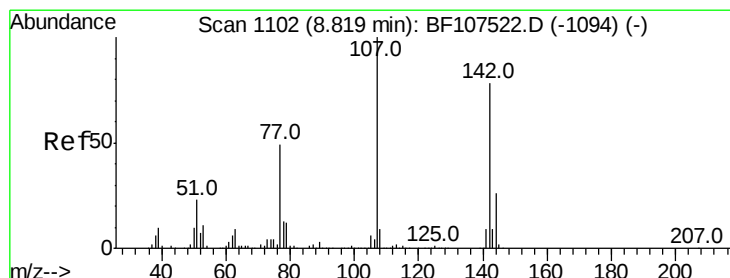
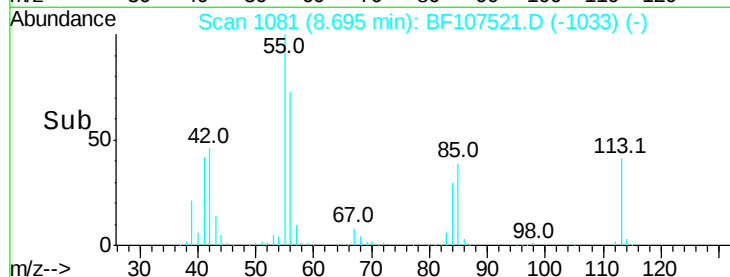
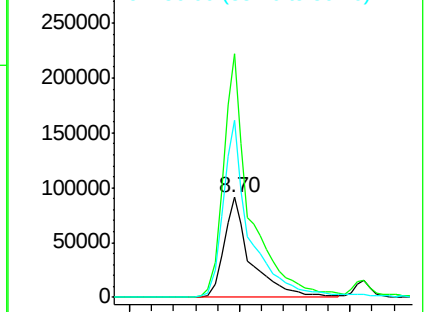
56 177.9 115.7 155.7#



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: 19.646 ng

RT: 8.81 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

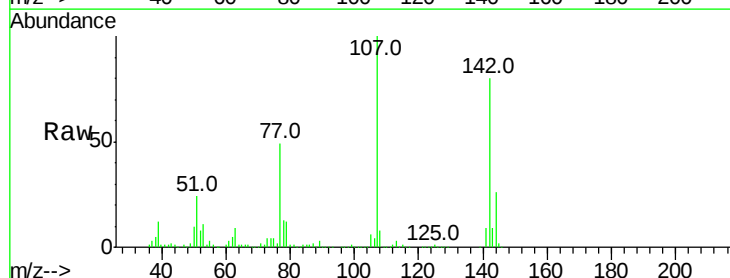
Tgt Ion:107 Resp: 549717

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

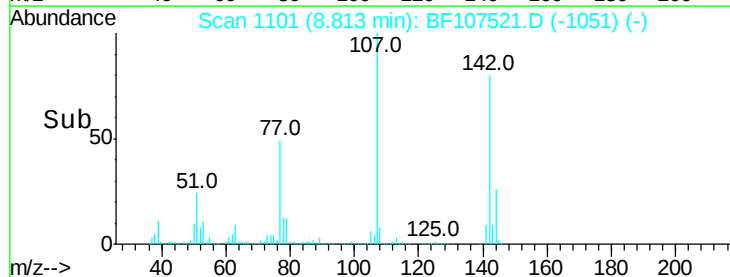
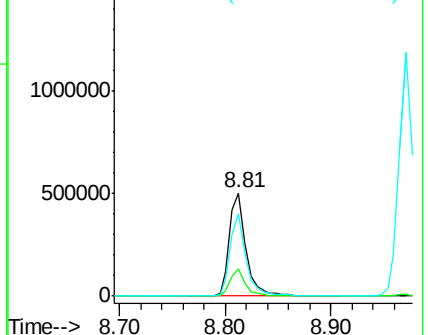
142 79.5 62.0 93.0

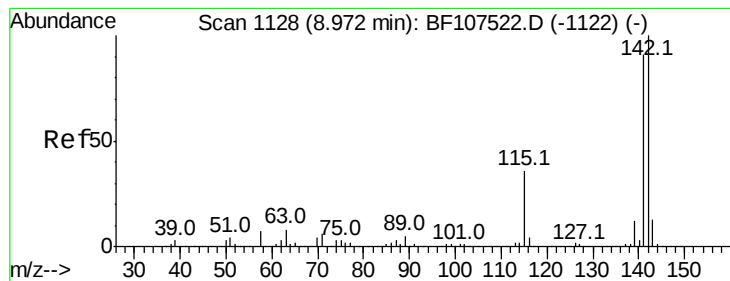


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

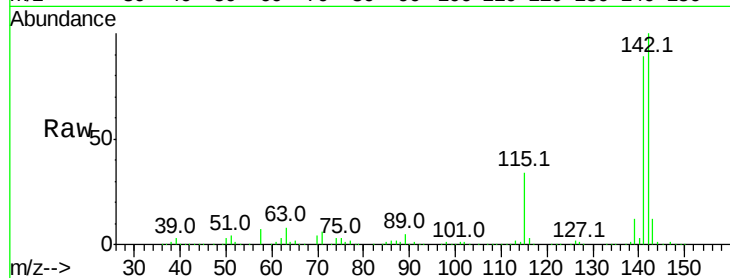




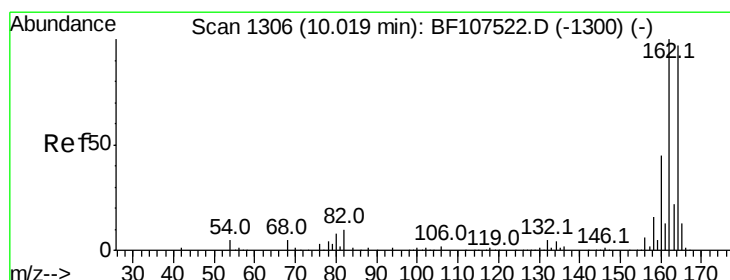
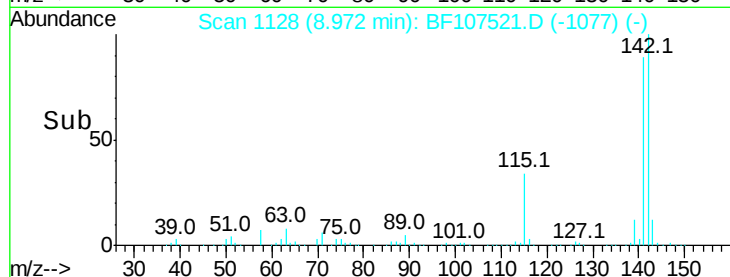
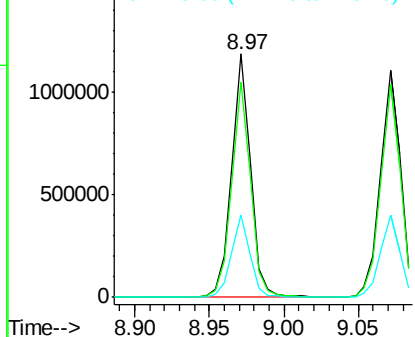
#37
2-Methylnaphthalene
Concen: 24.627 ng
RT: 8.97 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1086156
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 33.8 26.1 39.1

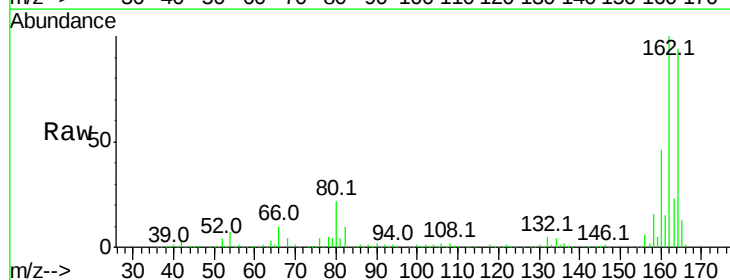


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

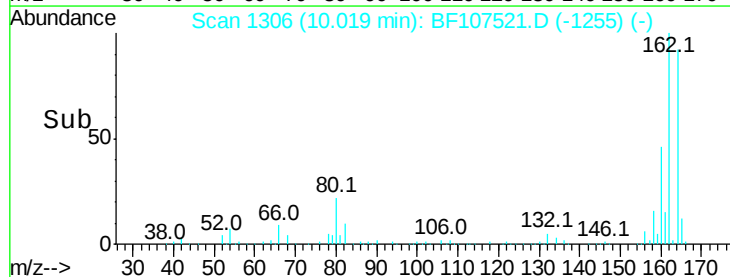
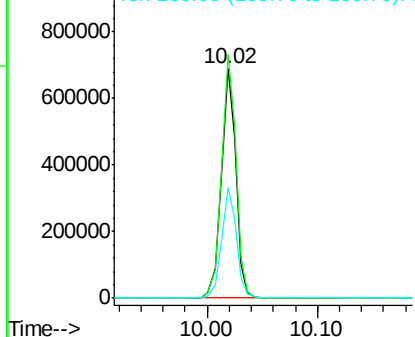


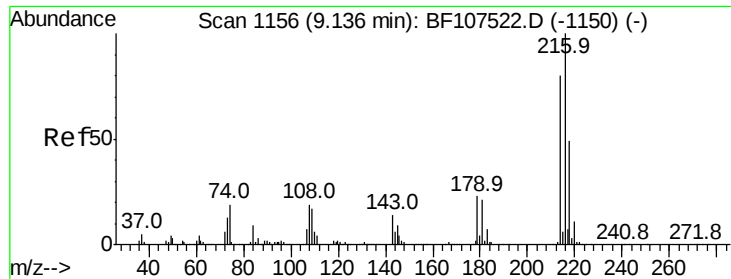
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:164 Resp: 634163
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 48.4 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

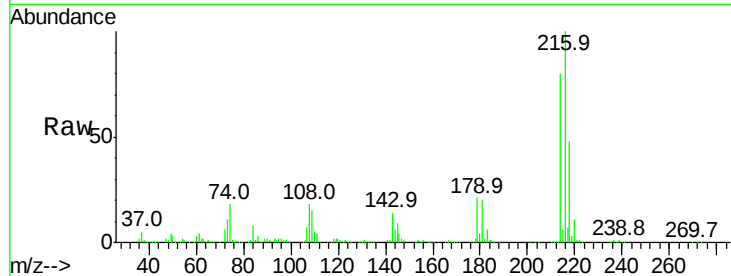




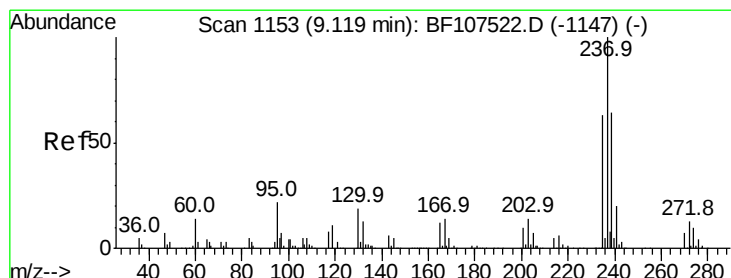
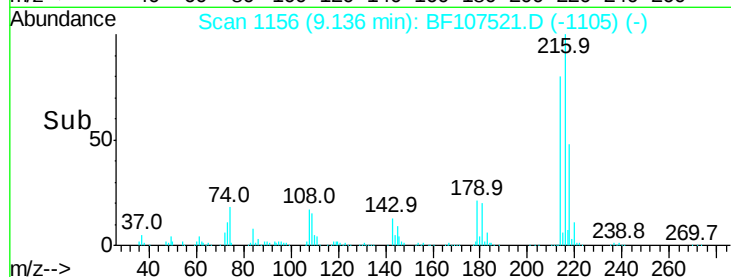
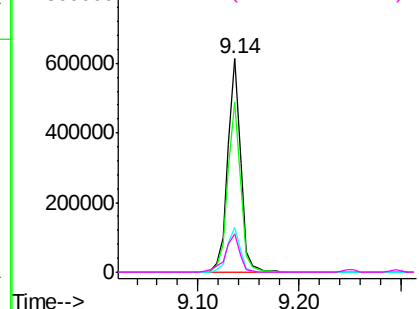
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.813 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	538310
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	21.2	18.1	27.1
108	20.2	17.2	25.8

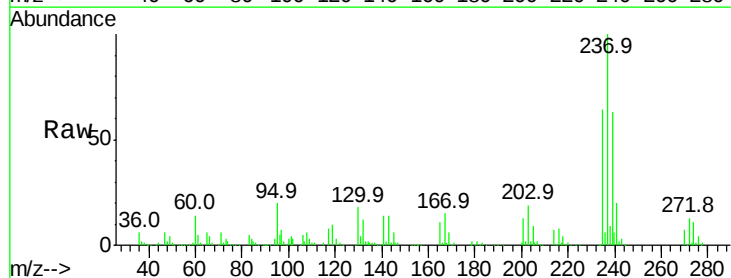


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

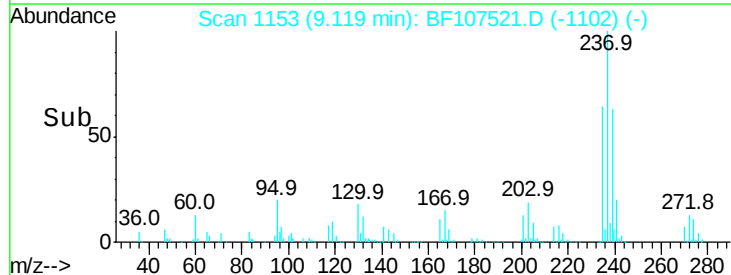
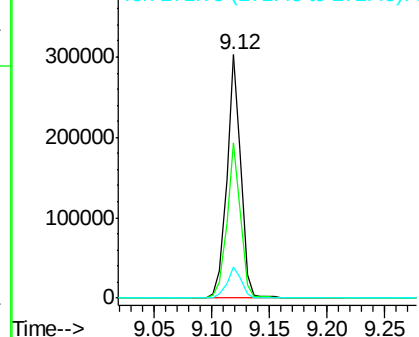


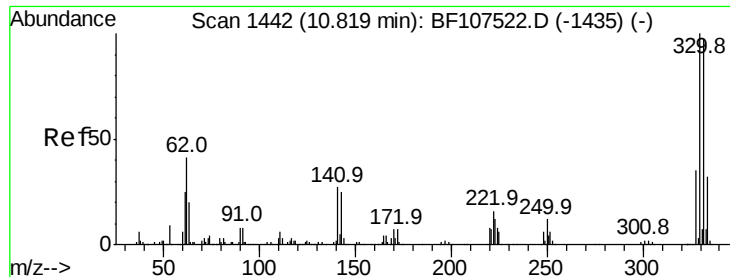
#40
 Hexachlorocyclopentadiene
 Concen: 19.669 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:	237	Resp:	253522
Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.8	84.8
272	13.0	0.0	33.3



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

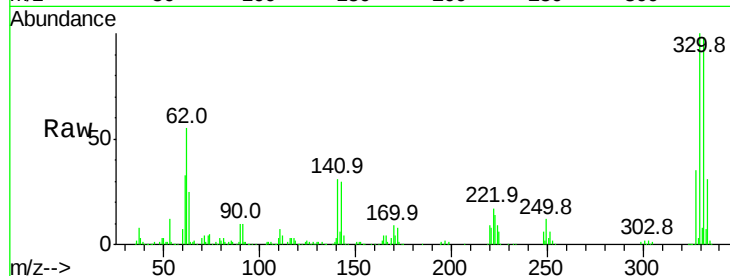




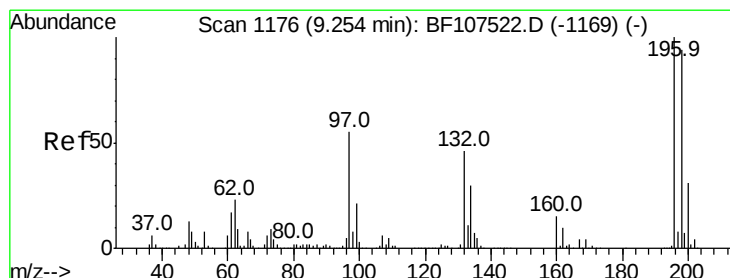
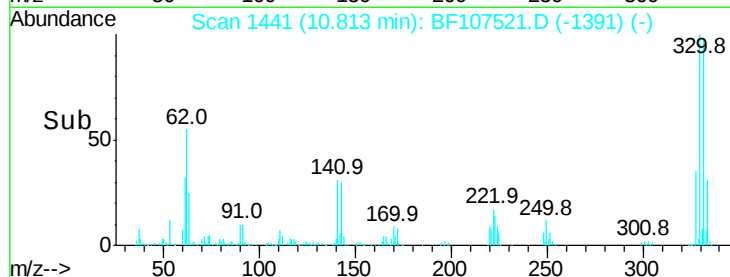
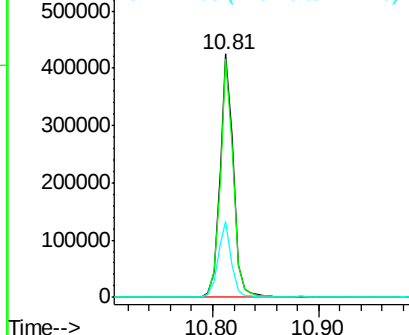
#41
 2,4,6-Tribromophenol
 Concen: 68.382 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 381015
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.4 29.9 44.9

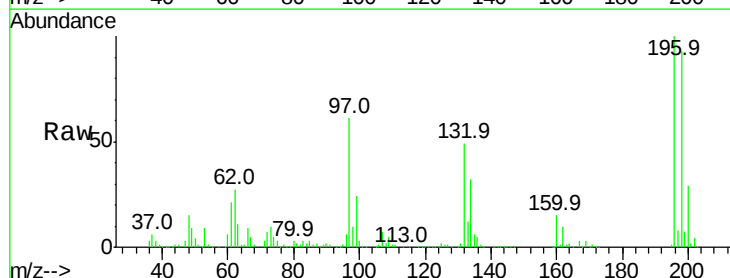


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

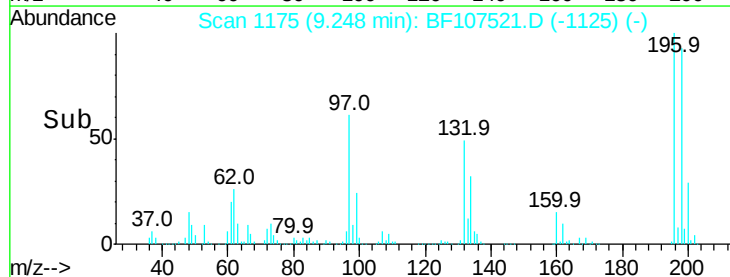
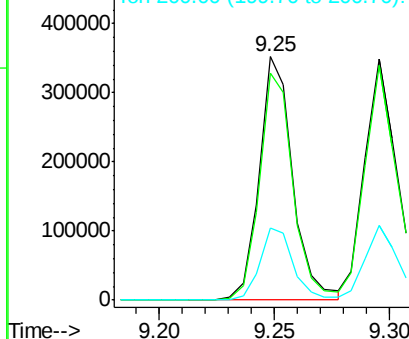


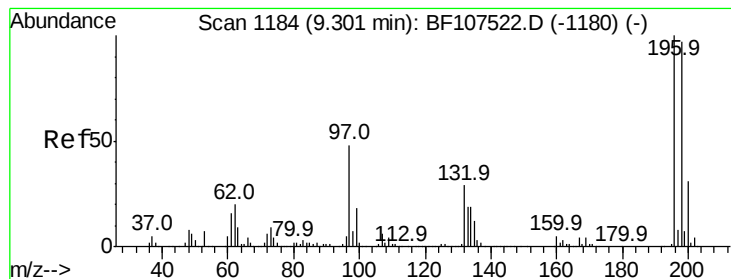
#42
 2,4,6-Trichlorophenol
 Concen: 23.074 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:196 Resp: 355443
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 200 29.5 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 24.604 ng

RT: 9.30 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 362580

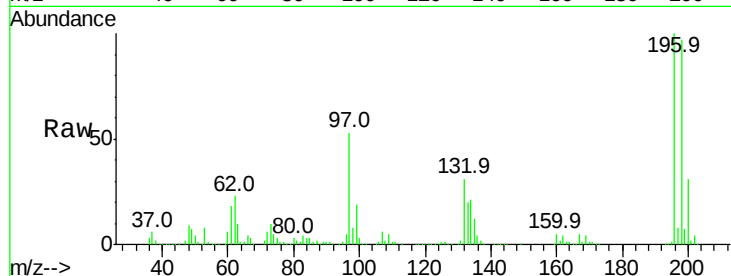
Ion Ratio Lower Upper

196 100

198 97.2 74.6 112.0

97 52.7 42.9 64.3

132 30.7 26.3 39.5

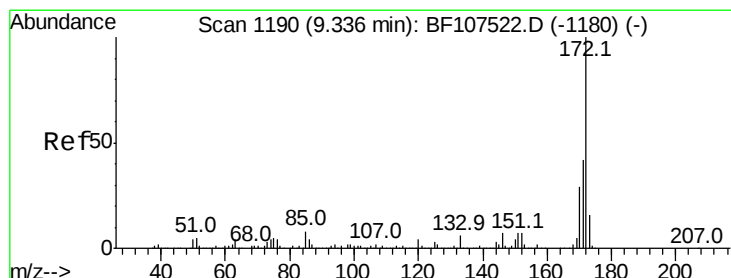
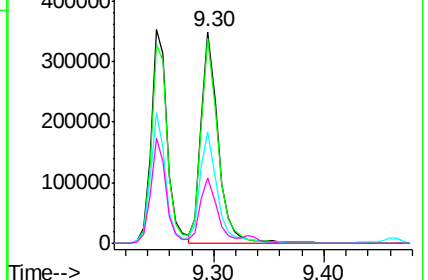
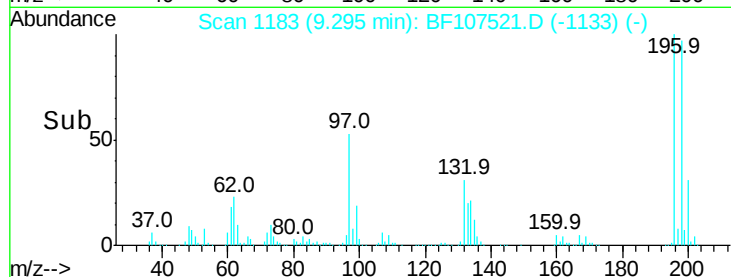


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 48.514 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

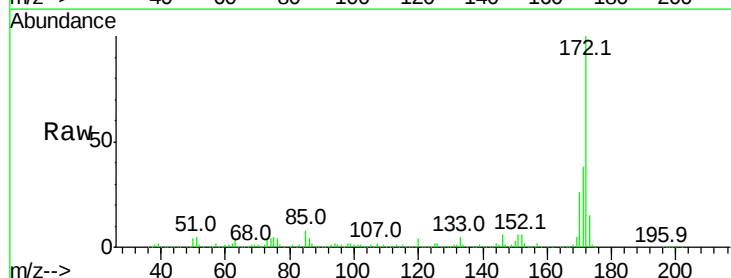
Tgt Ion:172 Resp: 2140991

Ion Ratio Lower Upper

172 100

171 38.5 29.7 44.5

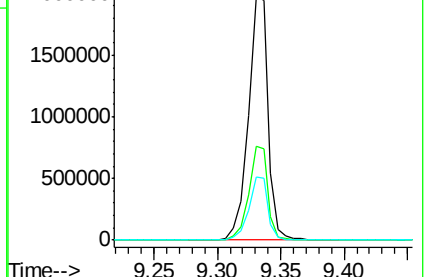
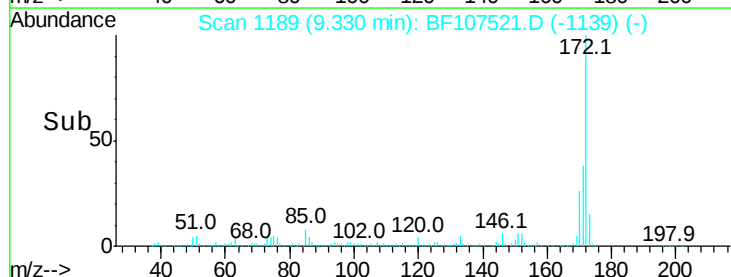
170 25.9 19.6 29.4

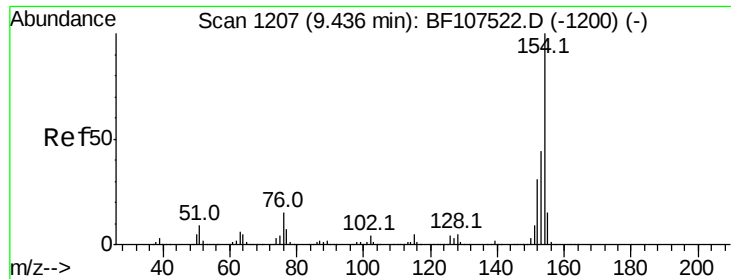


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



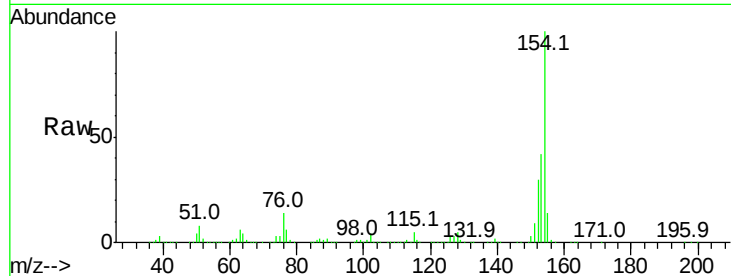


#45
 1,1'-Biphenyl
 Concen: 25.981 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

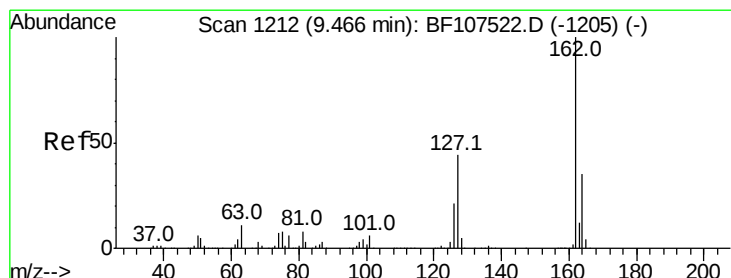
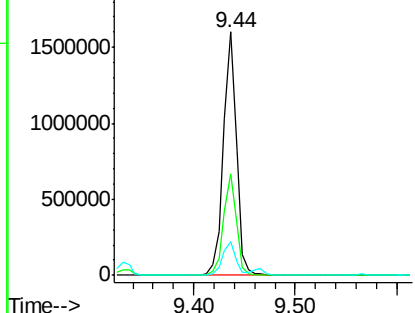
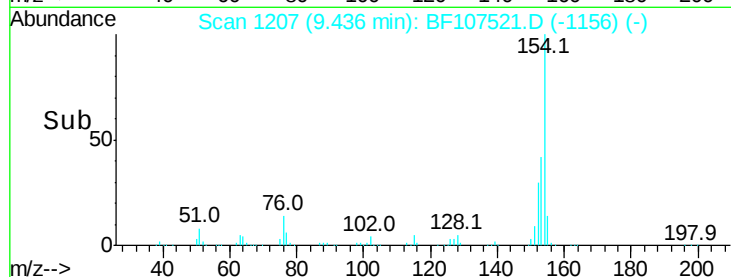
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1424552

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	13.8	0.0	34.0



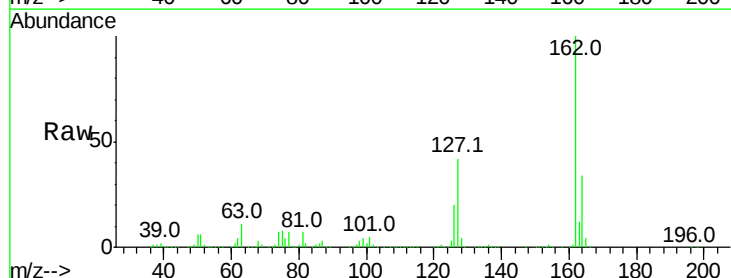
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



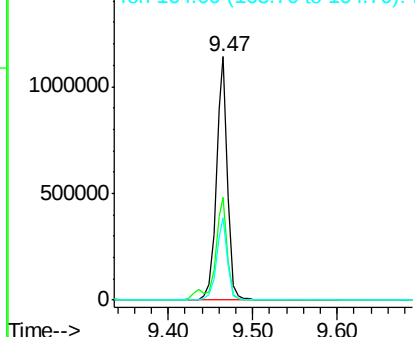
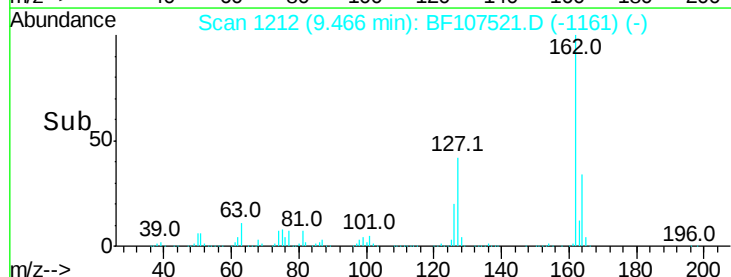
#46
 2-Chloronaphthalene
 Concen: 24.730 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

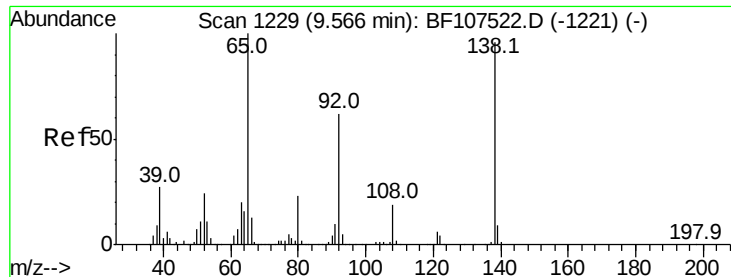
Tgt Ion:162 Resp: 1070932

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	33.9	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: 21.834 ng

RT: 9.57 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampled :

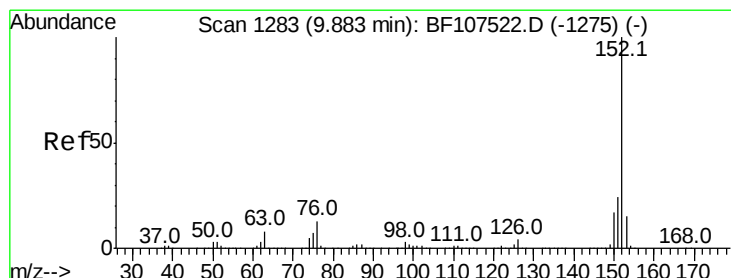
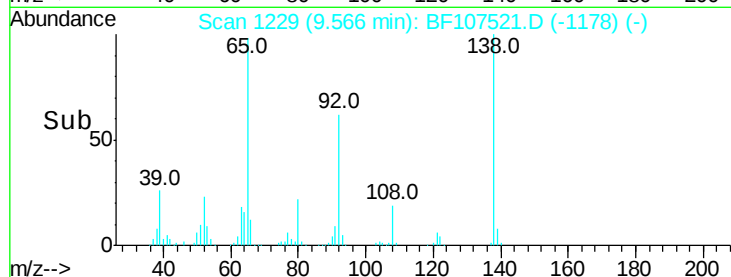
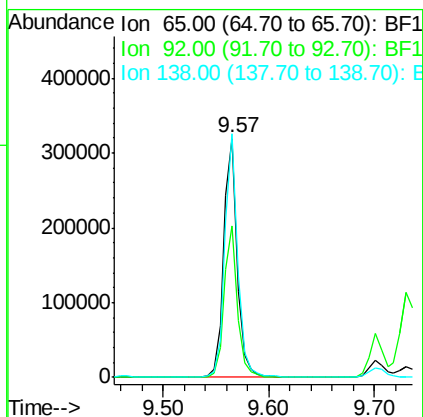
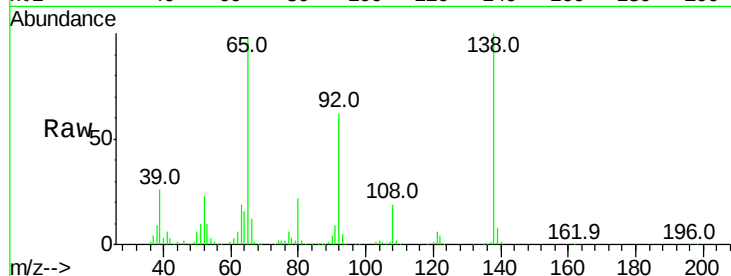
Tot Ion: 65 Resp: 289354

Ion Ratio Lower Upper

65 100

92 63.3 55.8 83.6

138 101.8 91.2 136.8



#48

Acenaphthylene

Concen: 27.251 ng

RT: 9.88 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

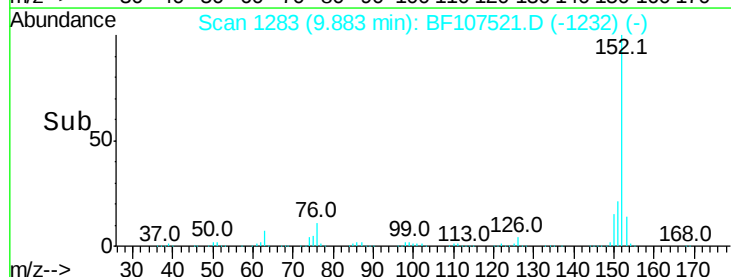
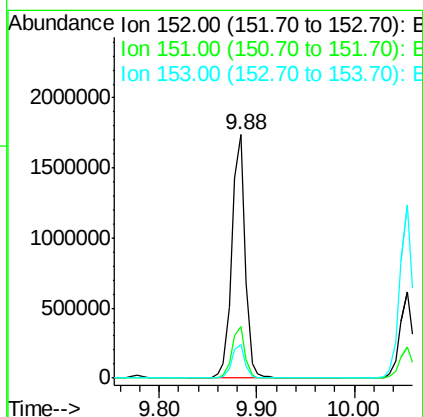
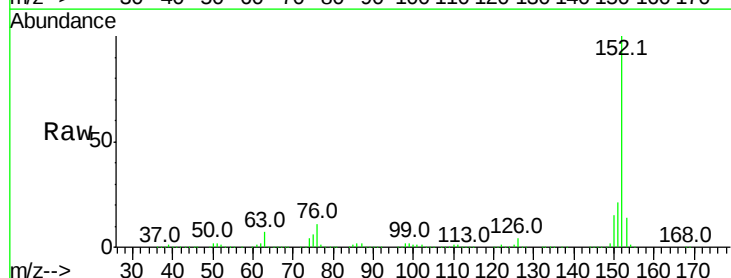
Tgt Ion: 152 Resp: 1646940

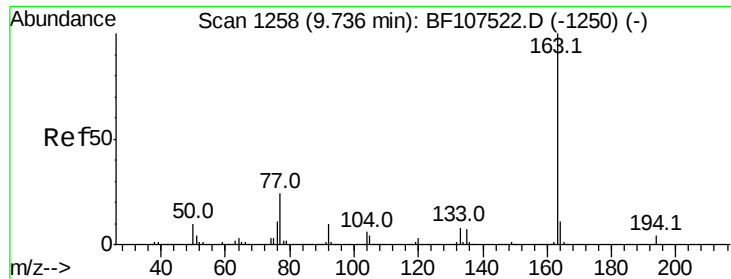
Ion Ratio Lower Upper

152 100

151 21.5 16.3 24.5

153 14.0 10.7 16.1

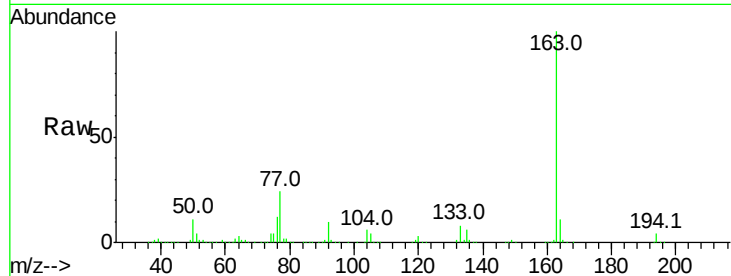




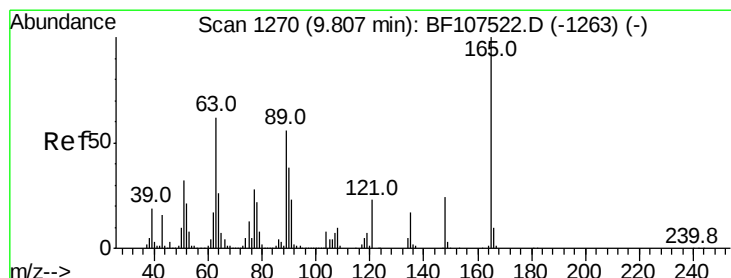
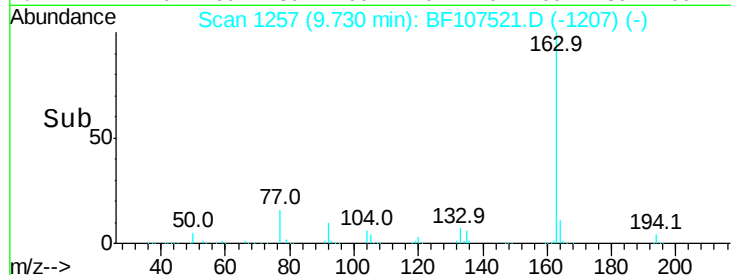
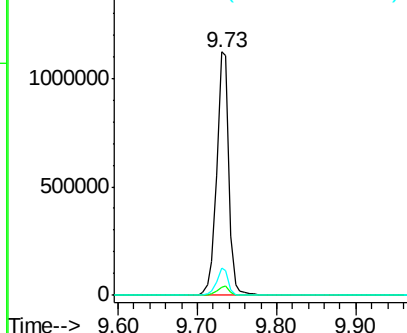
#49
Dimethylphthalate
Concen: 23.634 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1190820
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 11.1 8.2 12.2

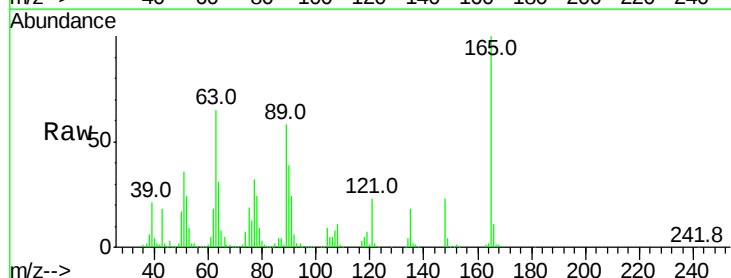


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

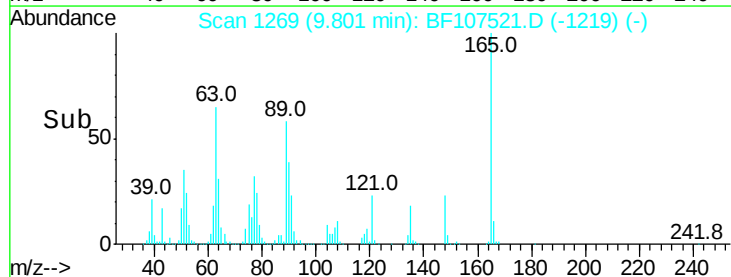
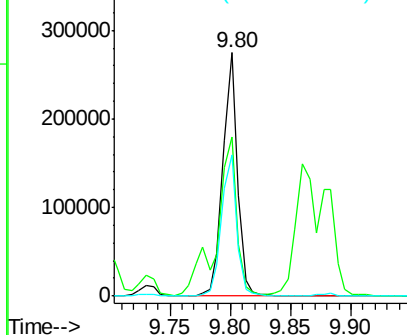


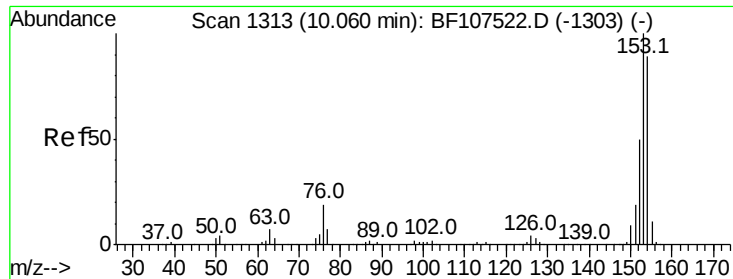
#50
2,6-Dinitrotoluene
Concen: 23.987 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:165 Resp: 230629
Ion Ratio Lower Upper
165 100
63 65.3 44.7 67.1
89 57.8 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: 25.427 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

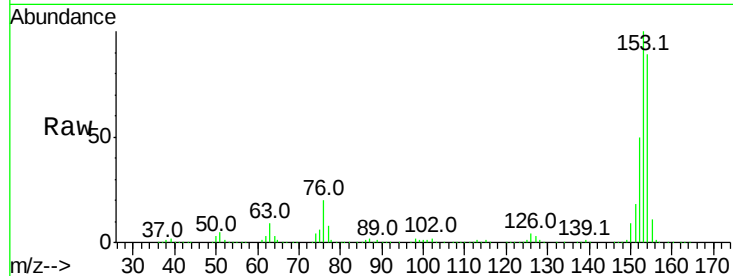
Tot Ion:154 Resp: 1018688

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

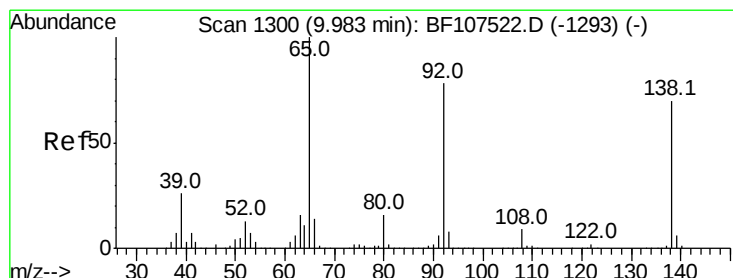
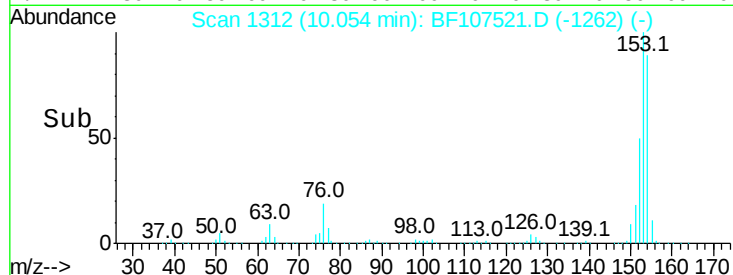
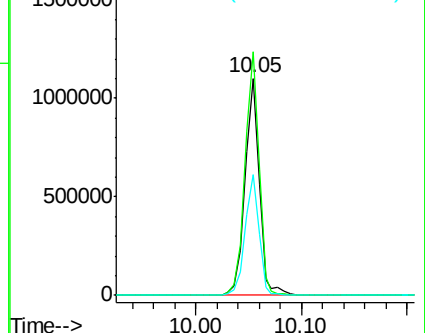
152 56.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.619 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

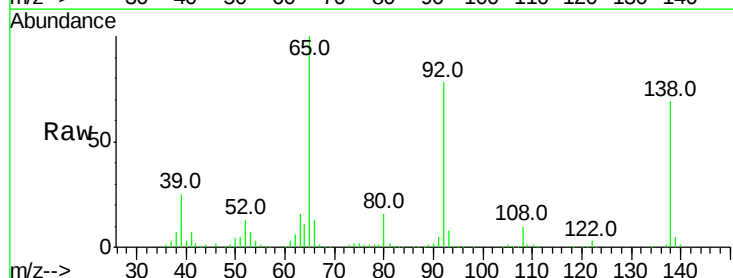
Tgt Ion:138 Resp: 278928

Ion Ratio Lower Upper

138 100

108 14.7 9.4 14.0#

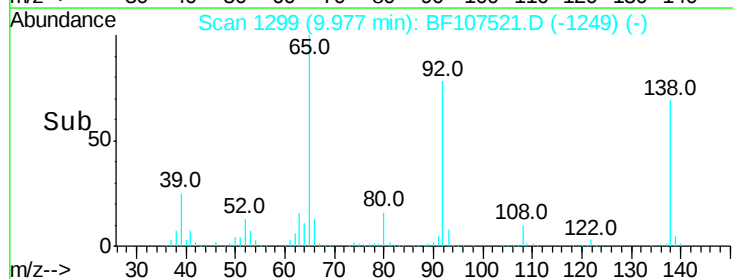
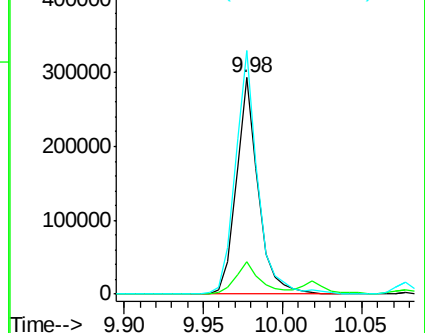
92 112.6 89.4 134.2

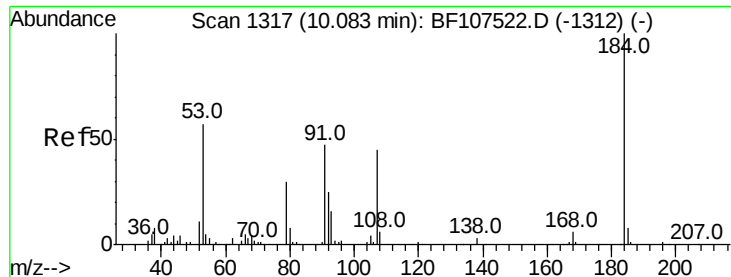


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

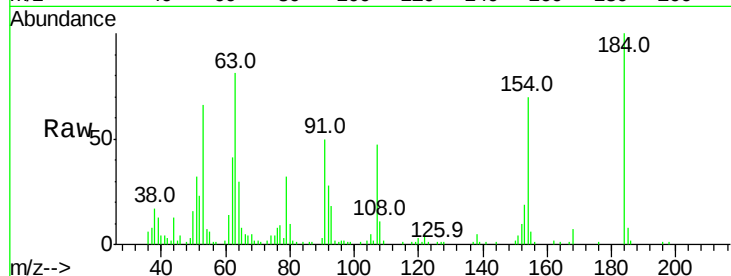




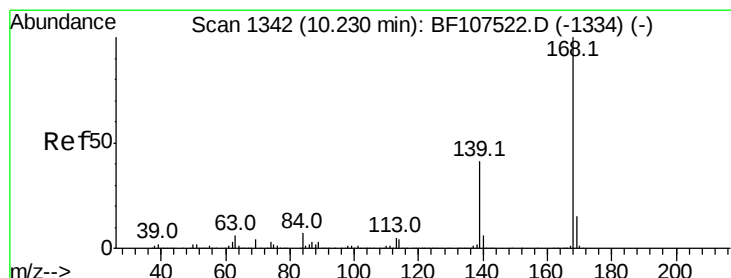
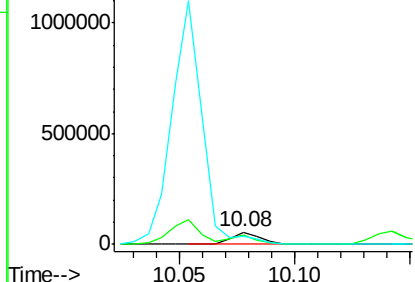
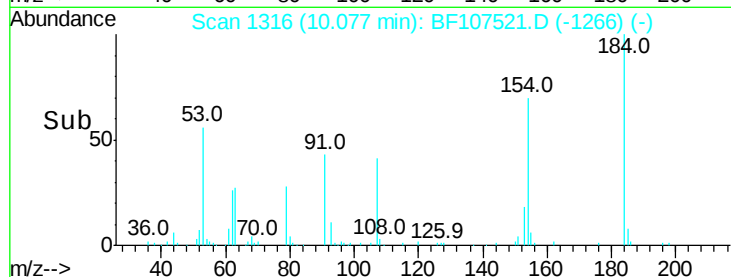
#53
 2,4-Dinitrophenol
 Concen: 14.372 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 48684
 Ion Ratio Lower Upper
 184 100
 63 80.9 54.2 81.2
 154 70.1 184.0 276.0#

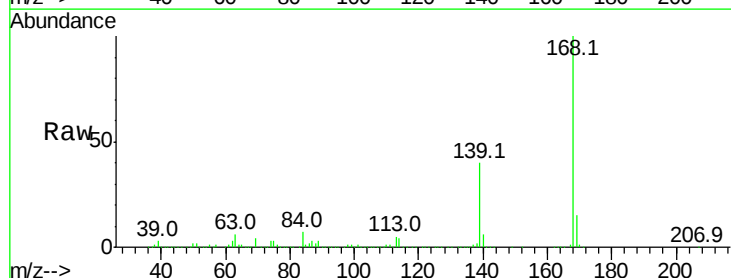


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

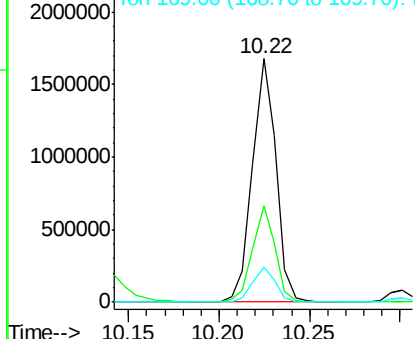
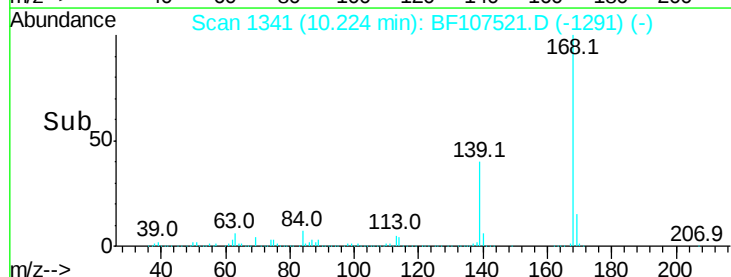


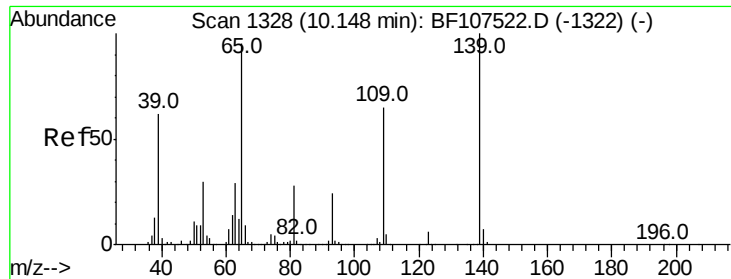
#54
 Dibenzofuran
 Concen: 24.493 ng
 RT: 10.22 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:168 Resp: 1516392
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 14.6 10.9 16.3



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

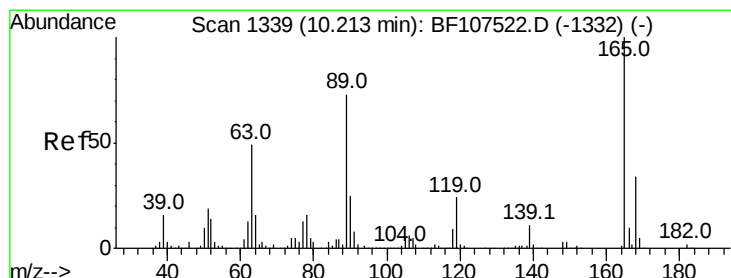
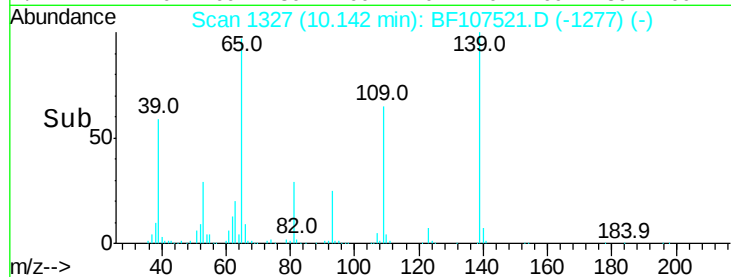
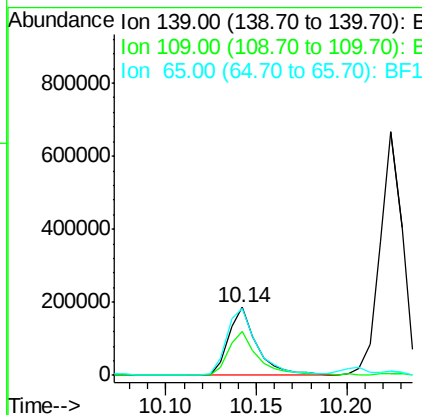
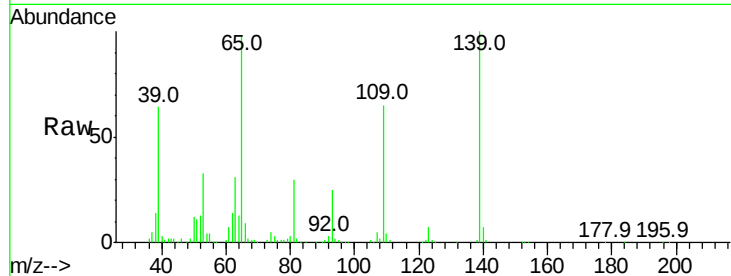




#55
4-Nitrophenol
Concen: 24.977 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

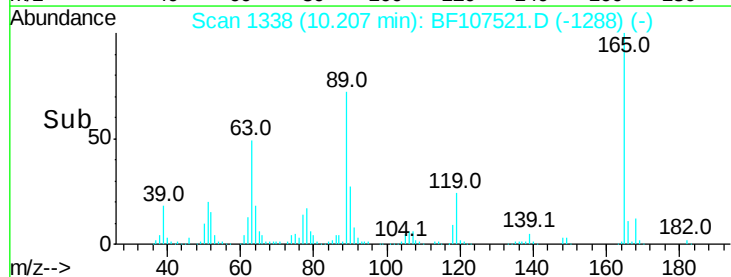
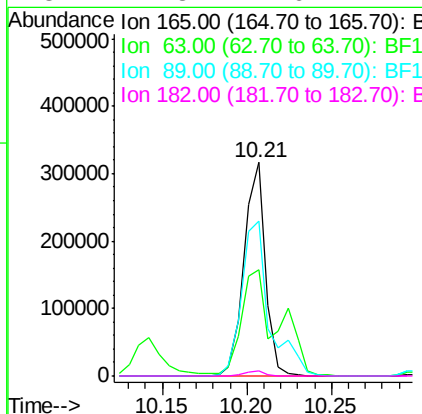
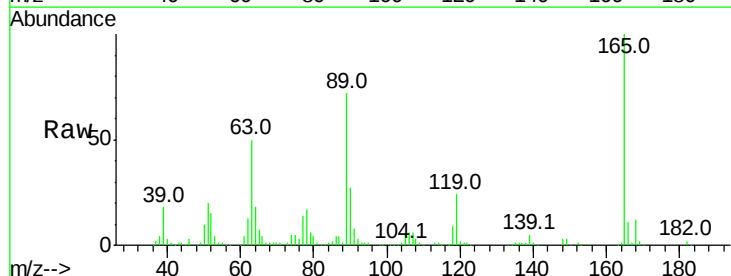
Instrument :
BNA_F
ClientSampled :

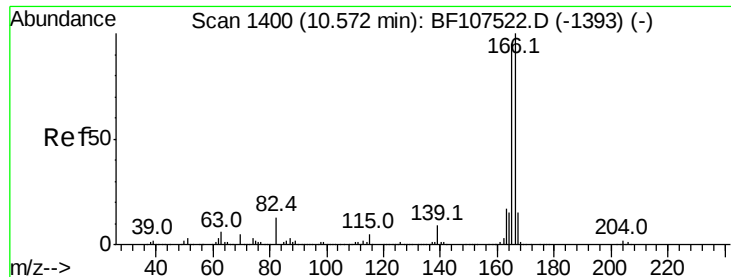
Tot Ion:139 Resp: 204115
Ion Ratio Lower Upper
139 100
109 64.7 48.4 88.4
65 98.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 22.378 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:165 Resp: 280450
Ion Ratio Lower Upper
165 100
63 49.7 36.4 54.6
89 72.3 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 27.042 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

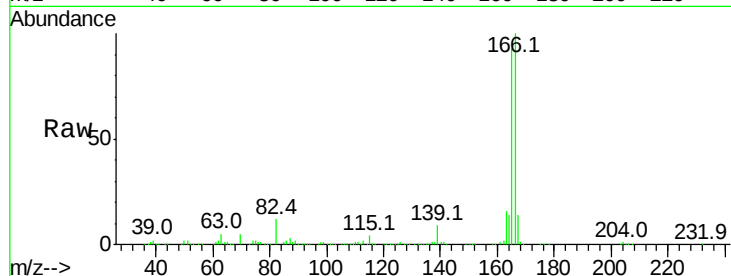
Tot Ion:166 Resp: 1108829

Ion Ratio Lower Upper

166 100

165 93.3 79.8 119.8

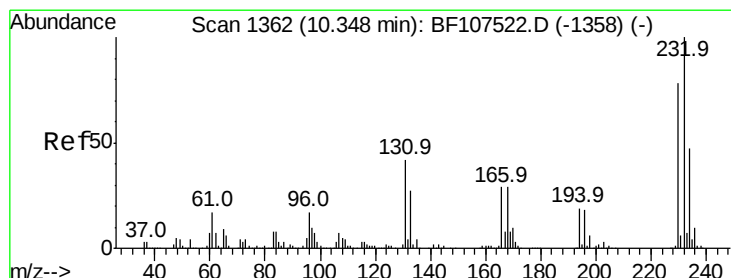
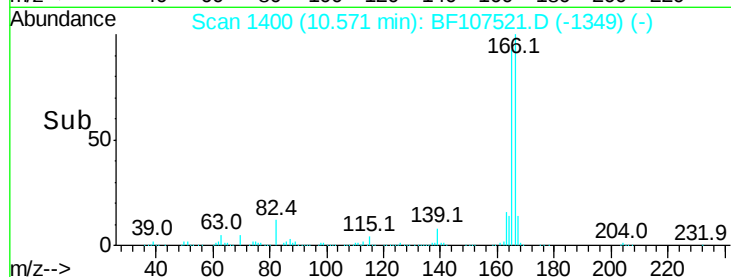
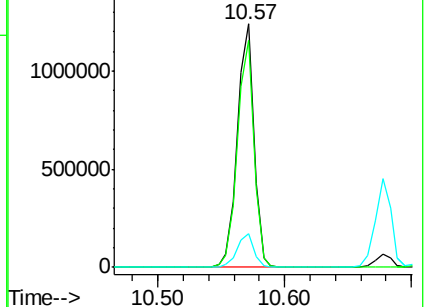
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.197 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Tgt Ion:232 Resp: 302584

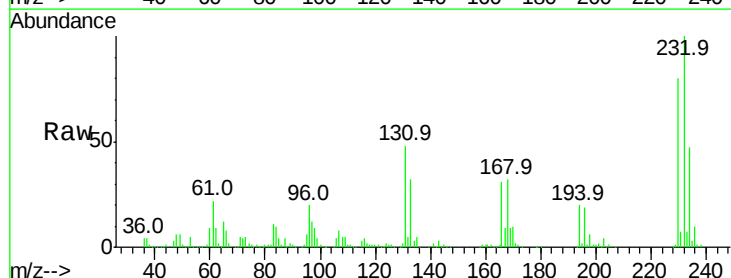
Ion Ratio Lower Upper

232 100

131 46.6 43.8 65.8

130 2.2 2.1 3.1

166 30.3 27.8 41.6

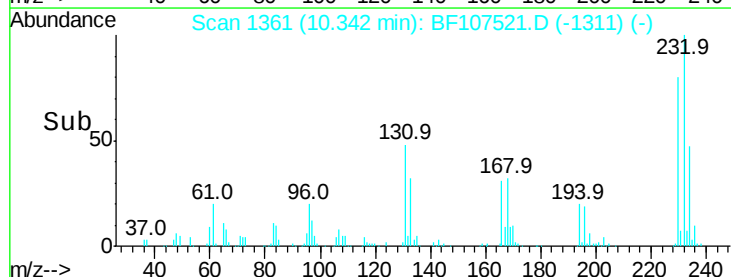
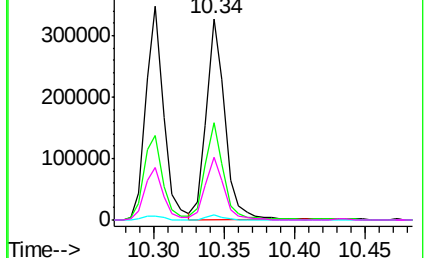


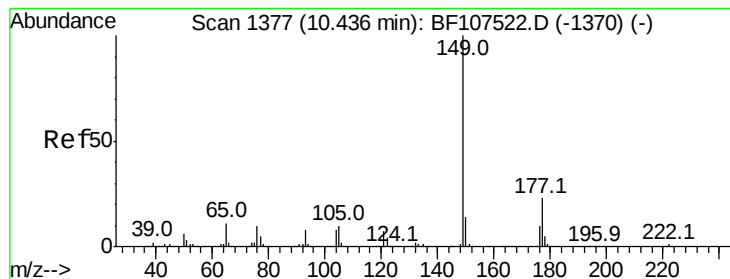
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 26.040 ng

RT: 10.43 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

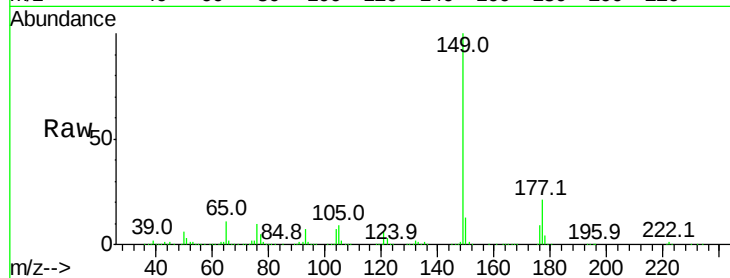
Tot Ion:149 Resp: 1274693

Ion Ratio Lower Upper

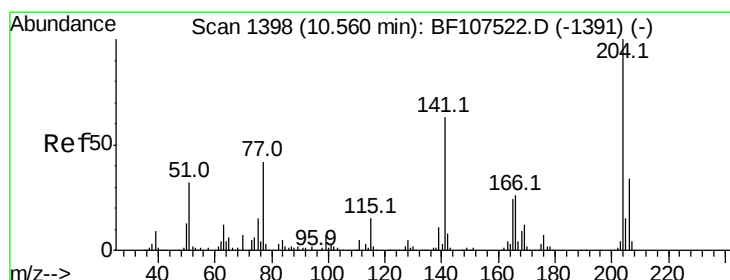
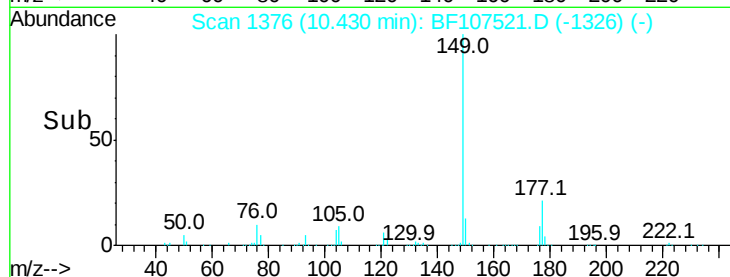
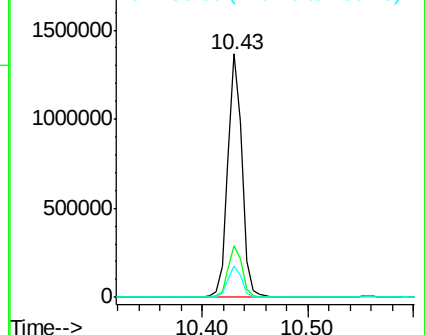
149 100

177 21.2 16.1 24.1

150 13.0 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 24.465 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

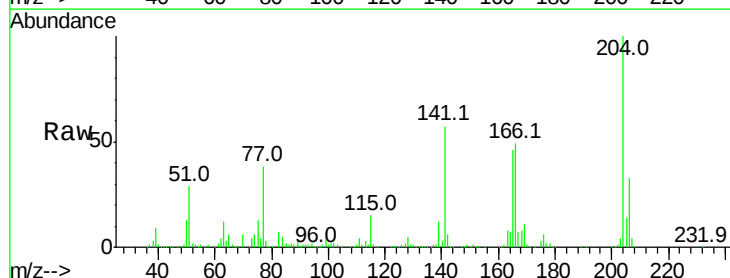
Tgt Ion:204 Resp: 597527

Ion Ratio Lower Upper

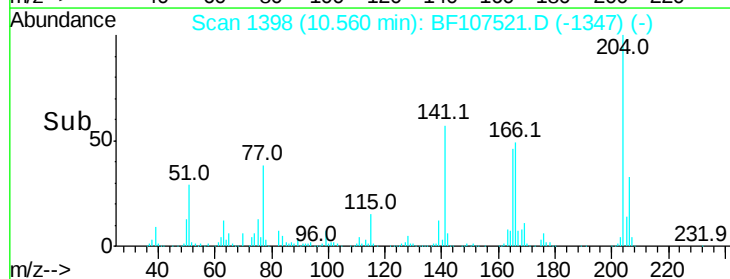
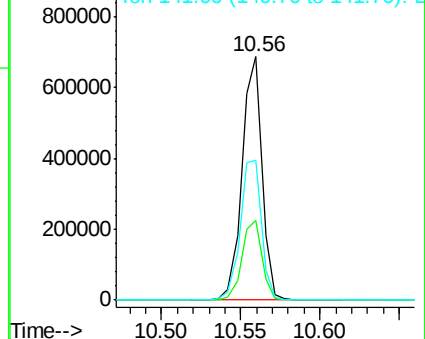
204 100

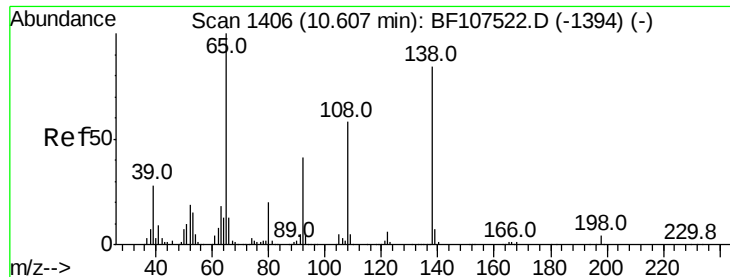
206 32.9 26.5 39.7

141 57.5 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

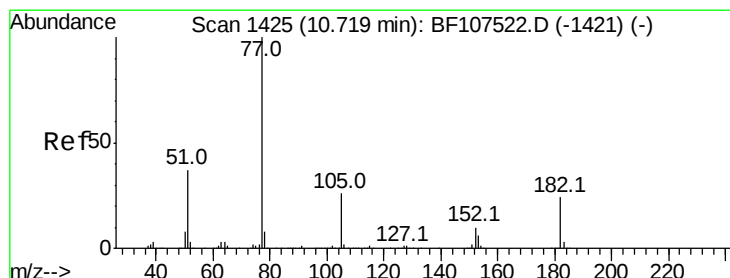
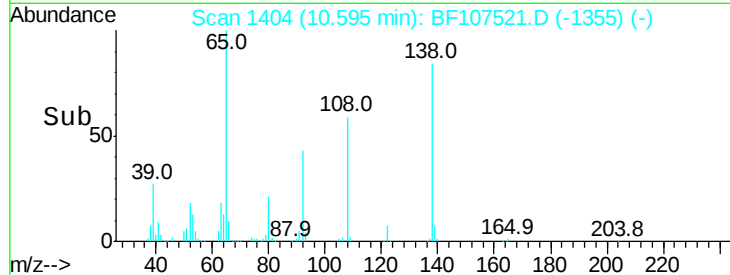
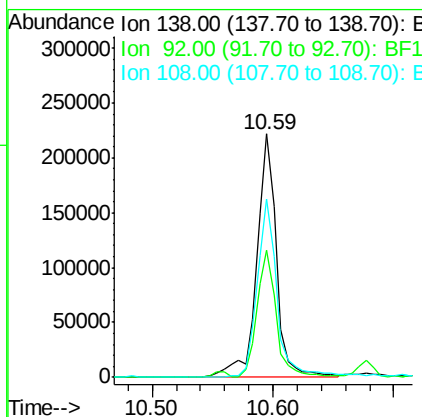
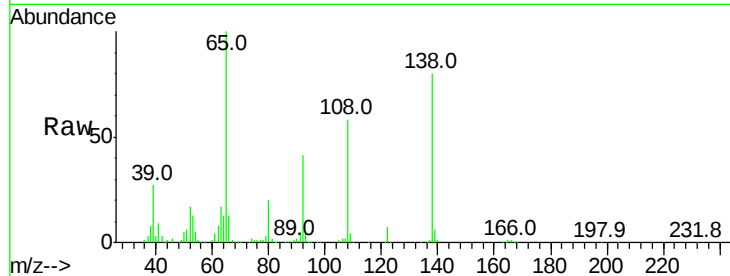




#61
4-Nitroaniline
Concen: 26.475 ng
RT: 10.59 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

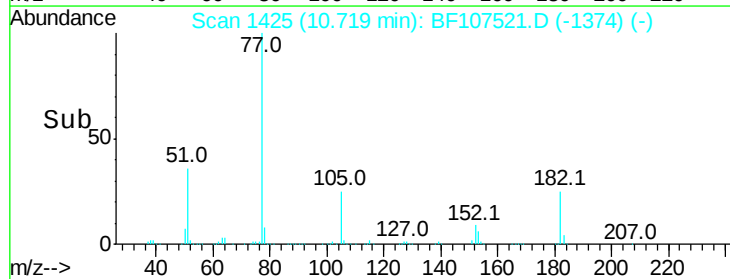
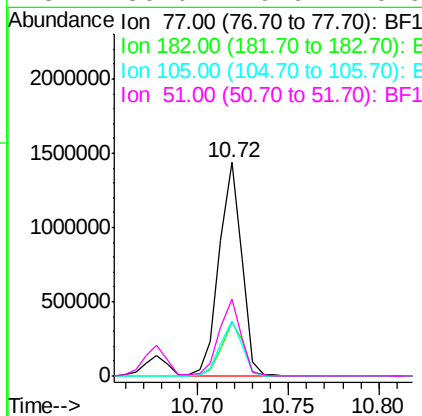
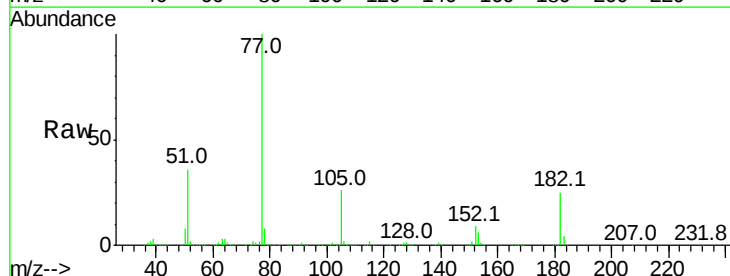
Instrument :
BNA_F
ClientSampled :

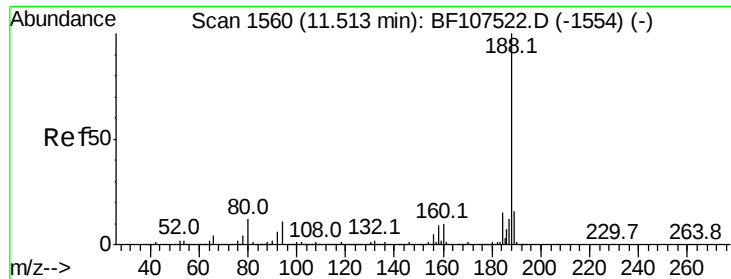
Tot Ion:138 Resp: 254450
Ion Ratio Lower Upper
138 100
92 52.2 30.2 70.2
108 73.5 52.5 92.5



#62
Azobenzene
Concen: 21.642 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion: 77 Resp: 1244103
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 25.7 3.0 43.0
51 36.0 9.9 49.9

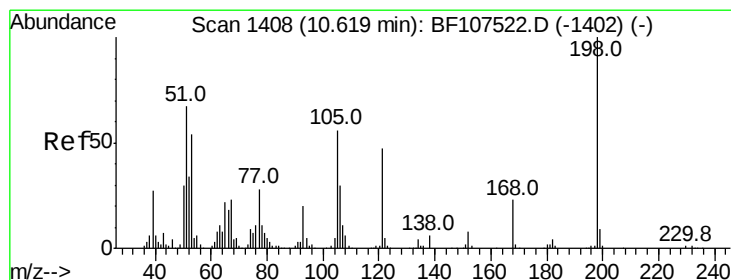
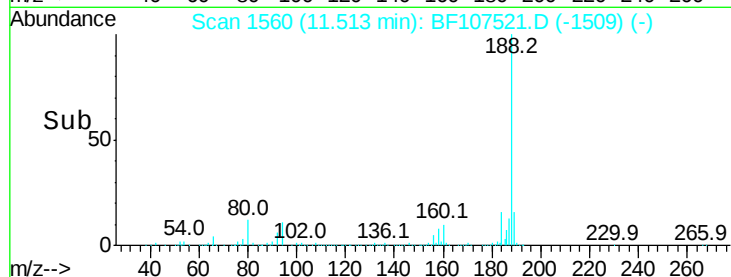
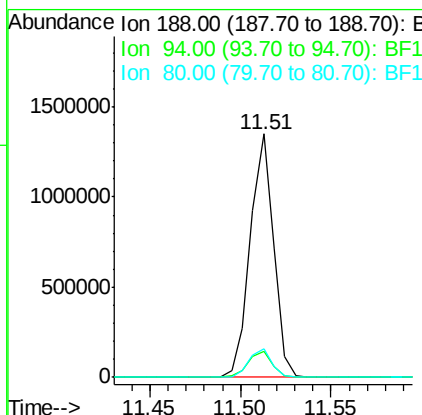
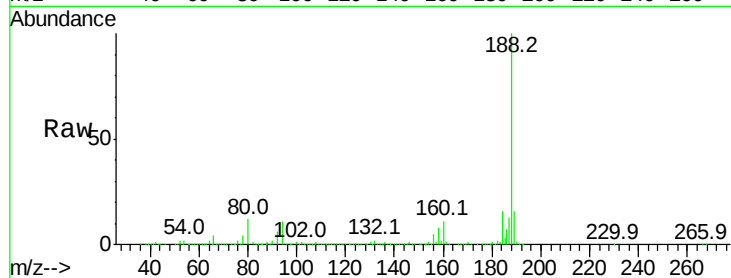




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

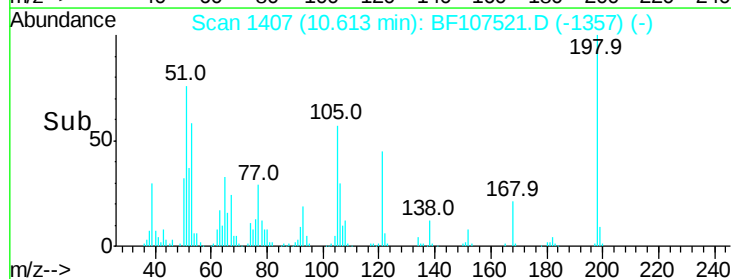
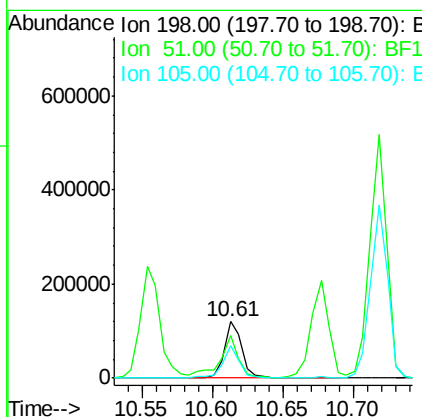
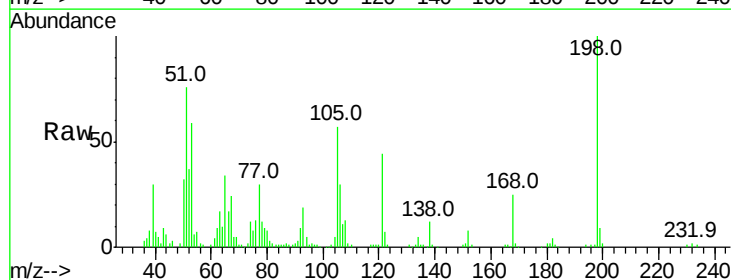
Instrument :
BNA_F
ClientSampleId :

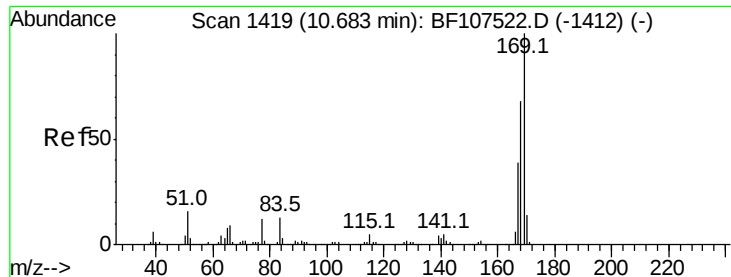
Tot Ion:188 Resp: 1214320
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.479 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:198 Resp: 101111
Ion Ratio Lower Upper
198 100
51 75.8 37.7 77.7
105 57.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 27.552 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

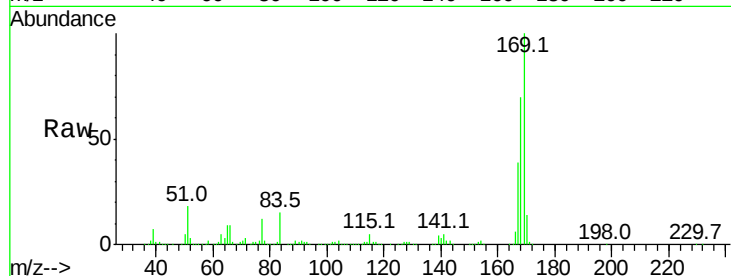
Tot Ion:169 Resp: 1056676

Ion Ratio Lower Upper

169 100

168 70.4 54.4 81.6

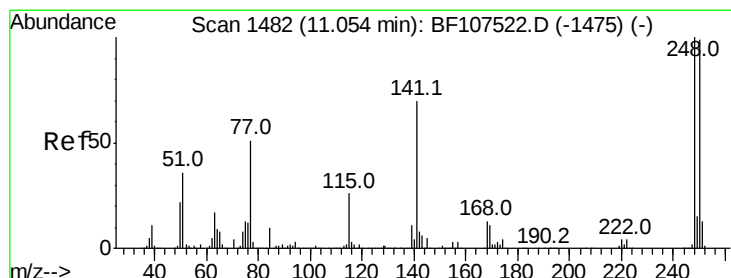
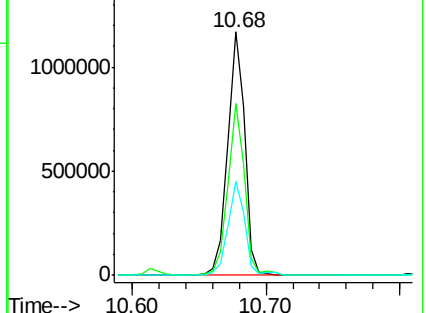
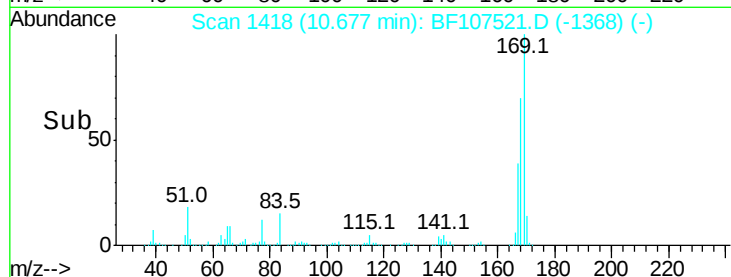
167 38.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 26.569 ng

RT: 11.05 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

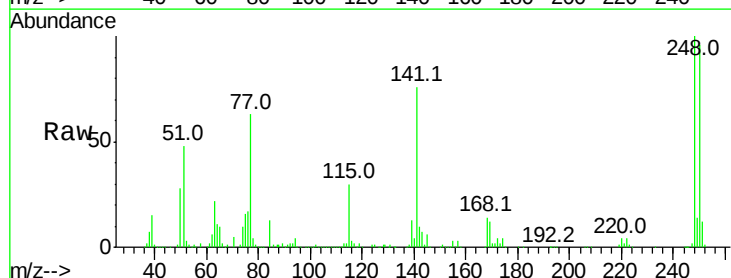
Tgt Ion:248 Resp: 369121

Ion Ratio Lower Upper

248 100

250 95.7 76.9 115.3

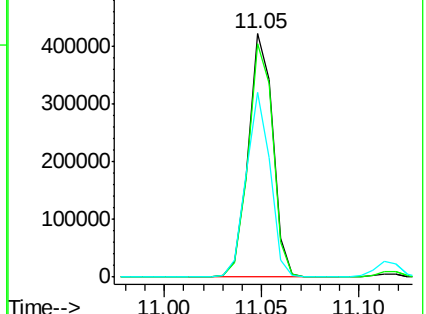
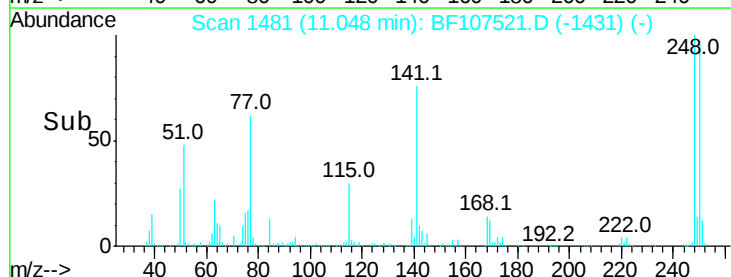
141 76.1 74.4 111.6

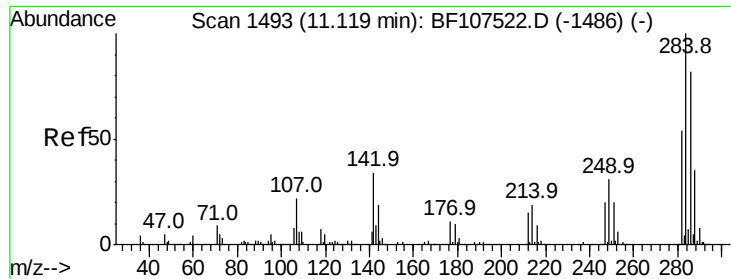


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

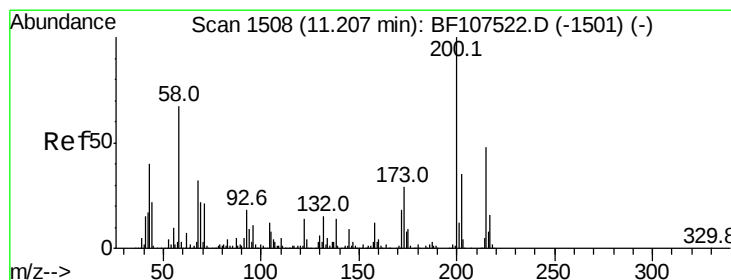
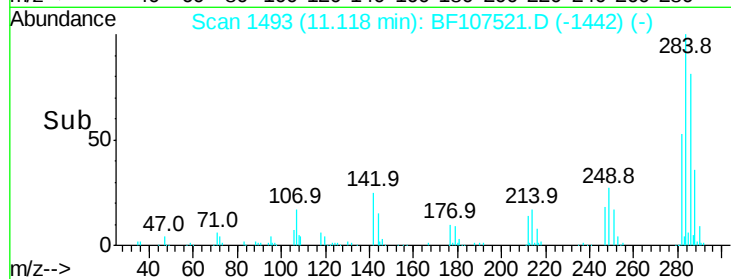
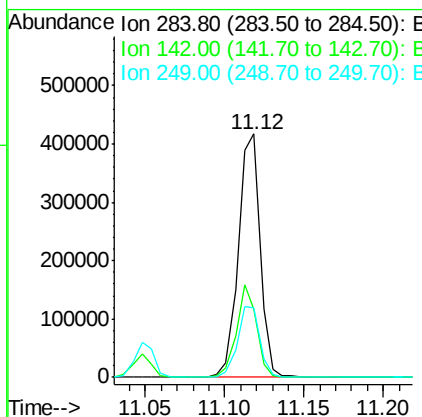
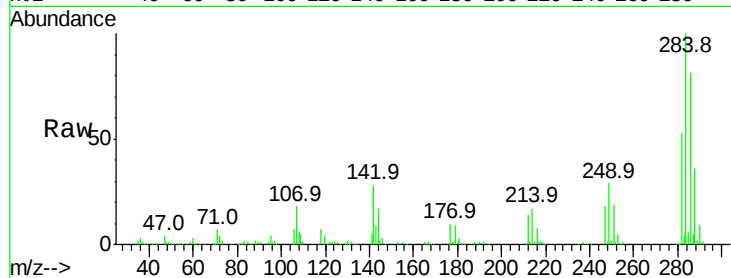




#67
Hexachlorobenzene
Concen: 30.854 ng
RT: 11.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

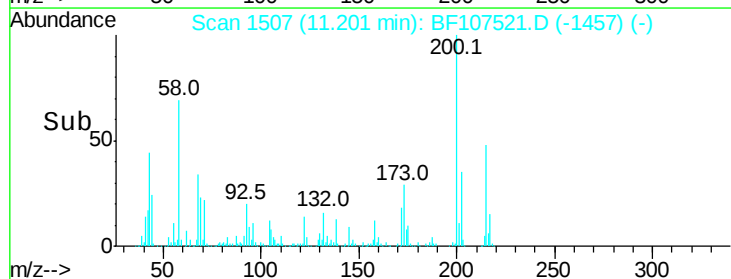
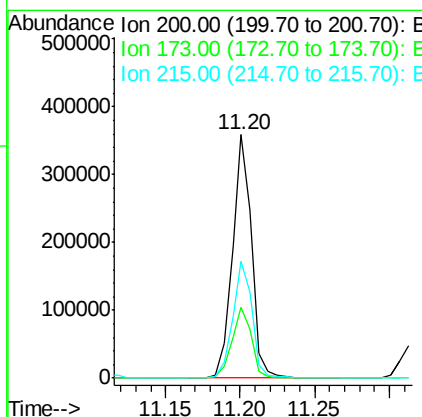
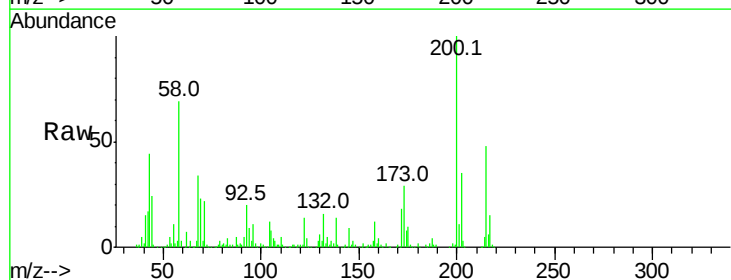
Instrument :
BNA_F
ClientSampleId :

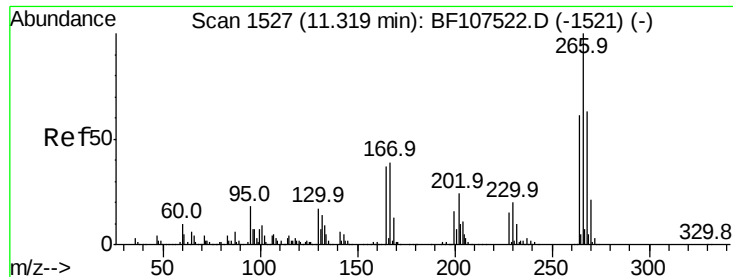
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.8	34.6	52.0#
249	28.5	24.8	37.2



#68
Atrazine
Concen: 22.226 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.6	48.6
215	48.0	25.1	65.1

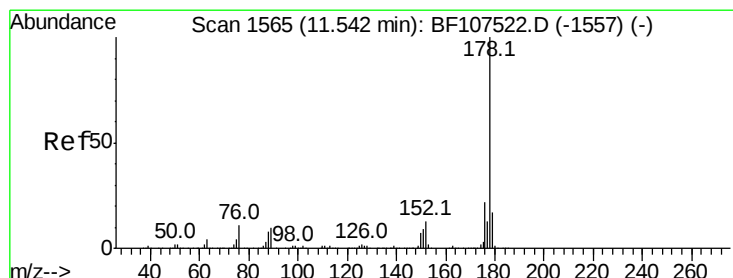
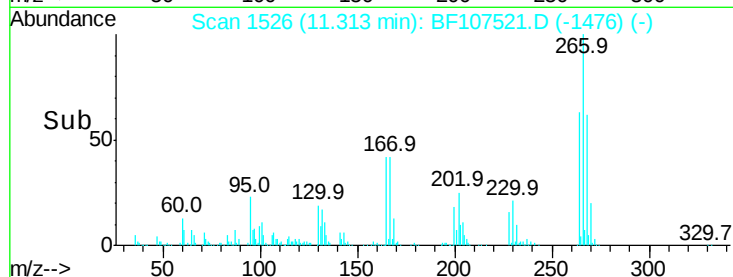
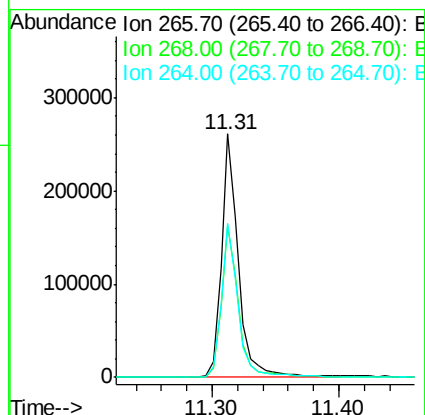
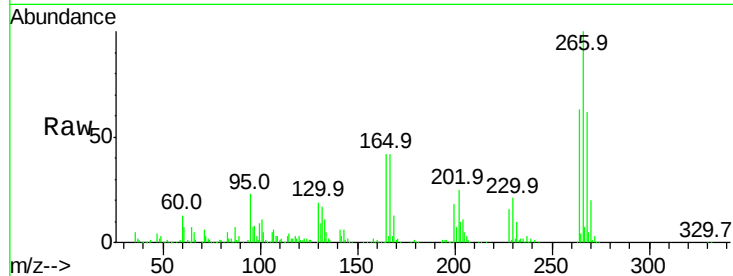




#69
 Pentachlorophenol
 Concen: 25.768 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

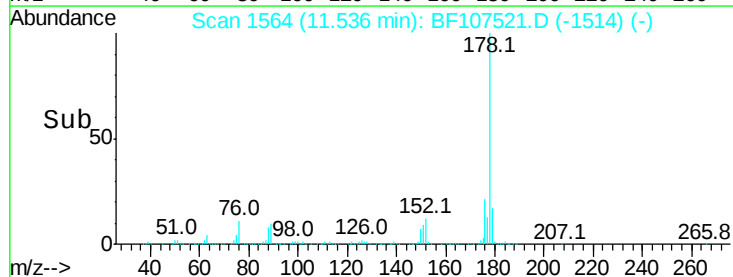
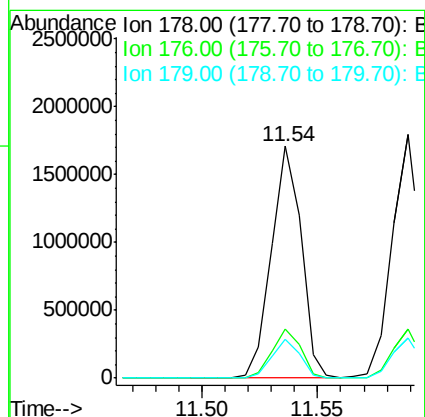
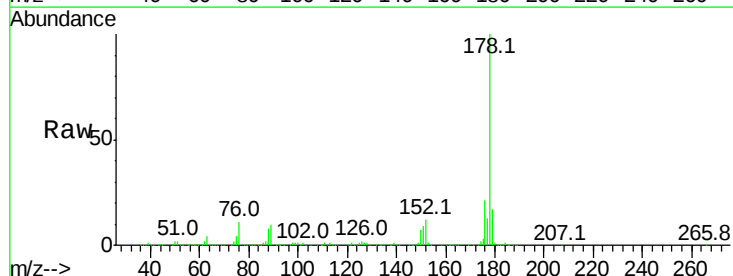
Instrument :
 BNA_F
 ClientSampleId :

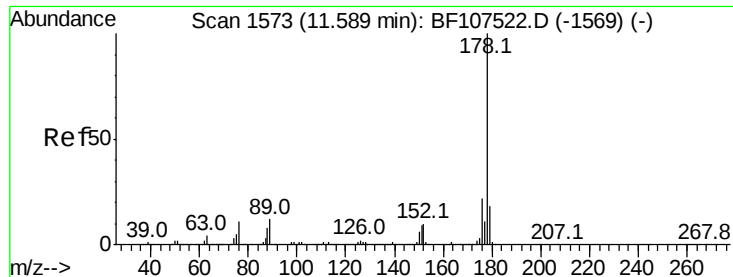
Tot Ion:266 Resp: 244889
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 25.423 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:178 Resp: 1538534
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.8 23.8
 179 16.6 13.0 19.6

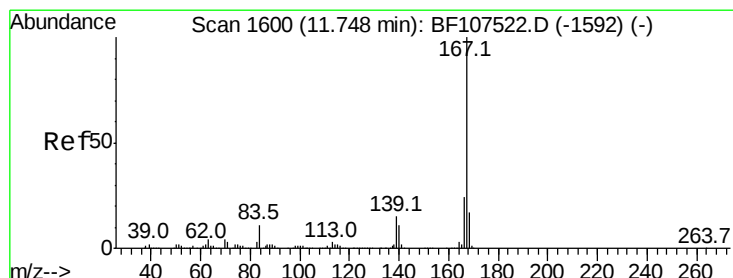
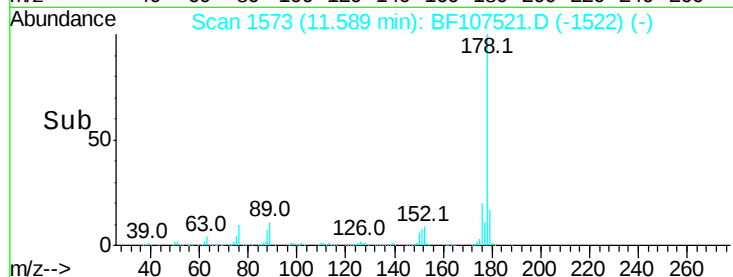
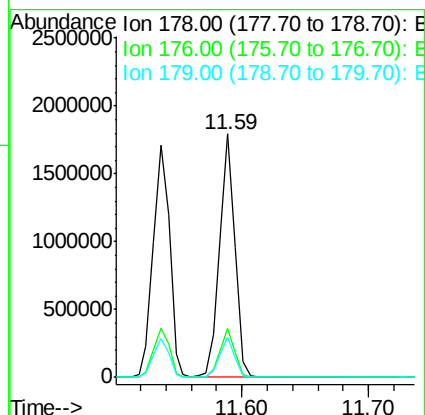
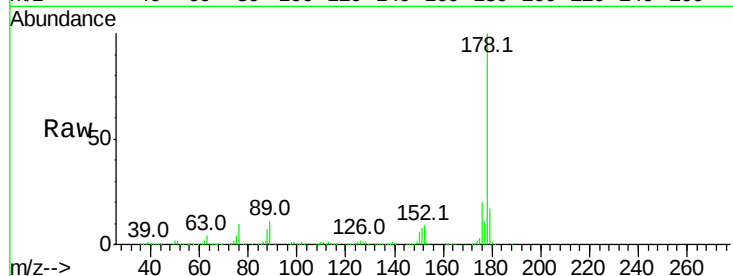




#71
 Anthracene
 Concen: 25.777 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

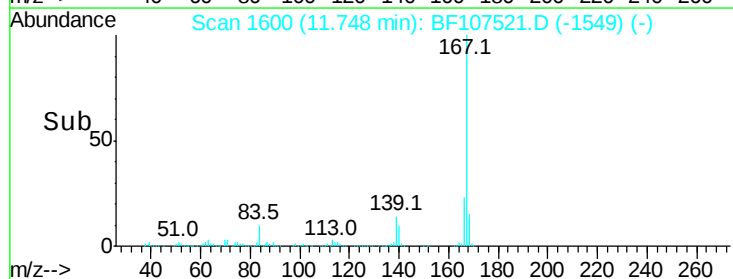
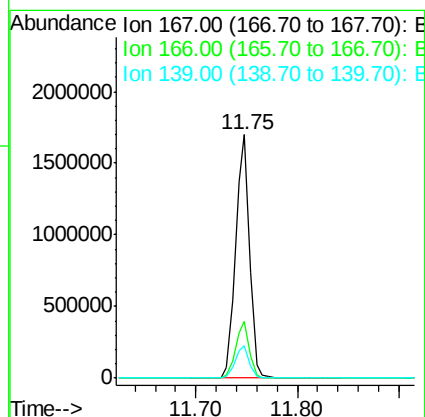
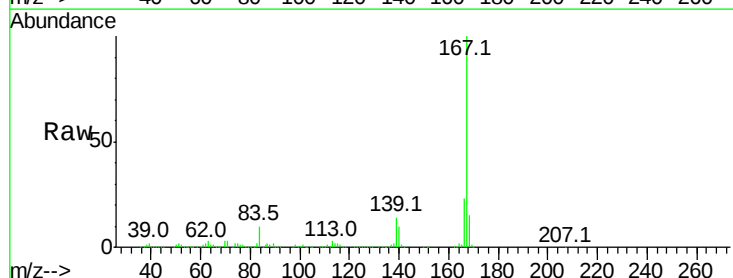
Instrument :
 BNA_F
 ClientSampleId :

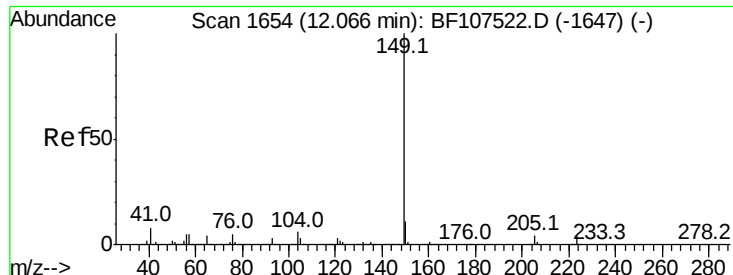
Tot Ion:178 Resp: 1553754
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 28.328 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:167 Resp: 1616520
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 13.6 10.9 16.3

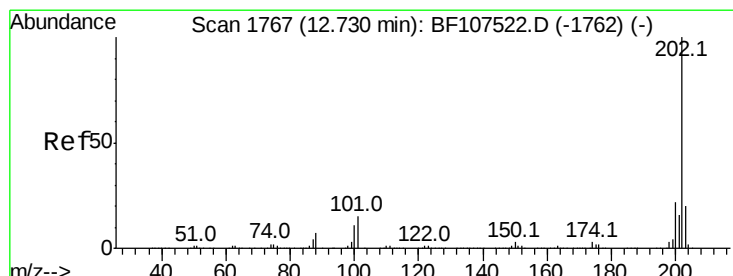
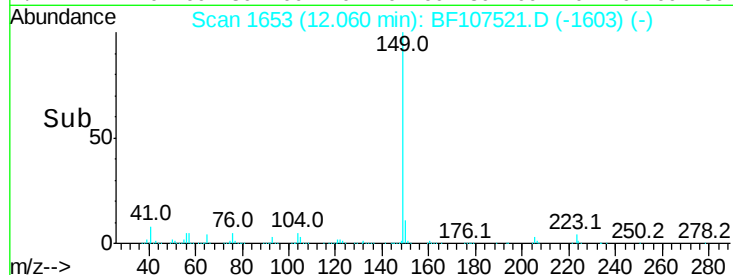
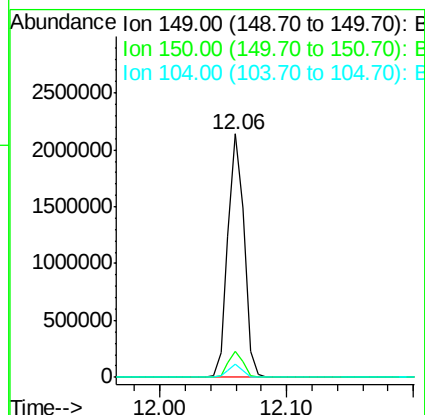
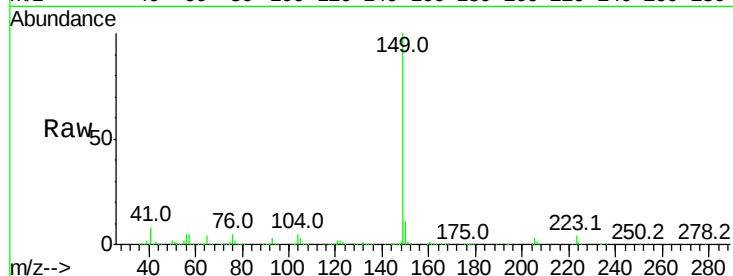




#73
Di-n-butylphthalate
Concen: 28.953 ng
RT: 12.06 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

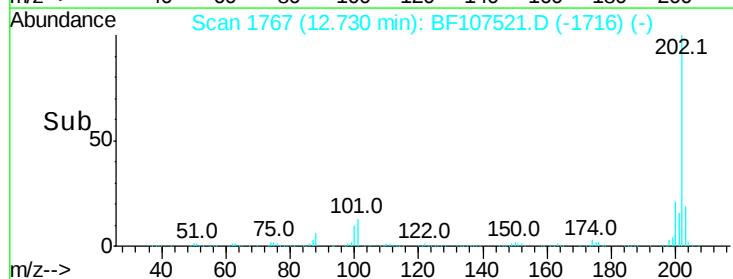
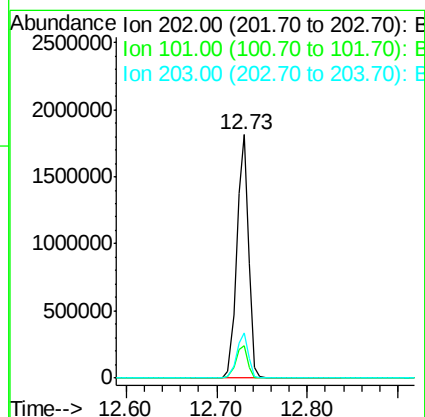
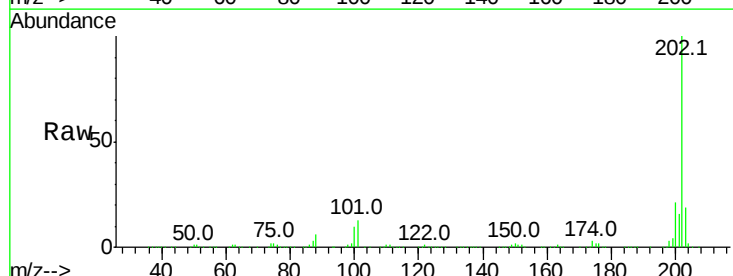
Instrument :
BNA_F
ClientSampleId :

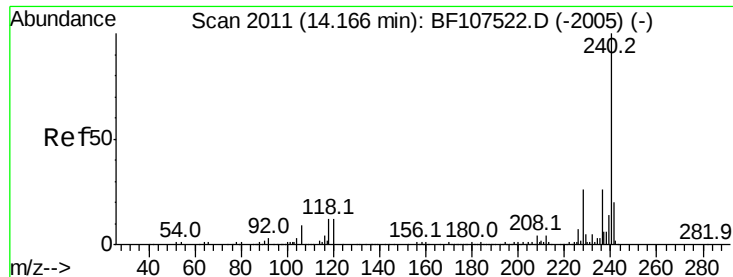
Tot Ion:149 Resp: 1898736
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 24.118 ng
RT: 12.73 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:202 Resp: 1658917
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 18.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampled :

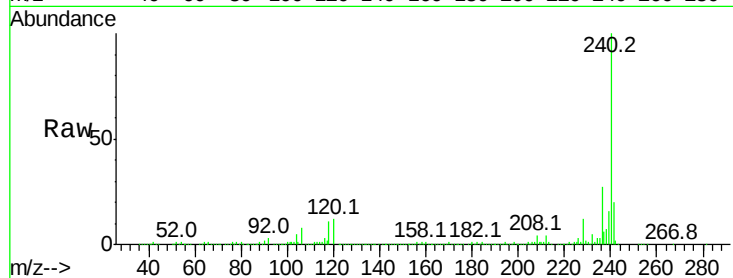
Tot Ion:240 Resp: 991743

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

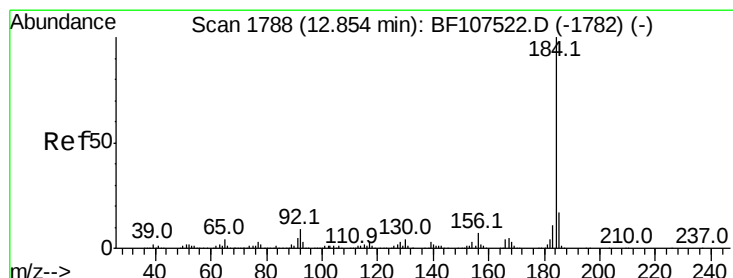
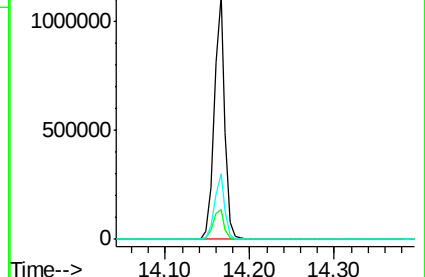
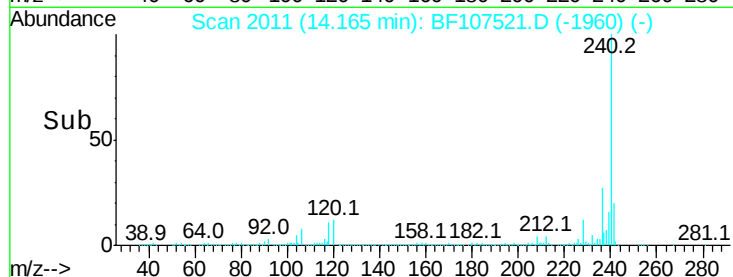
236 27.0 20.7 31.1



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: 19.204 ng

RT: 12.85 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

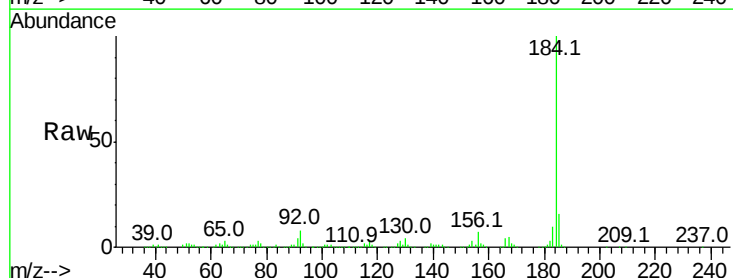
Tgt Ion:184 Resp: 739132

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

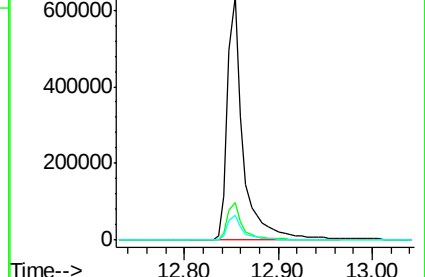
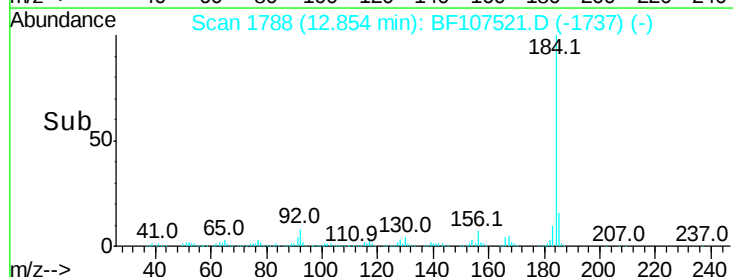
183 10.3 9.3 13.9

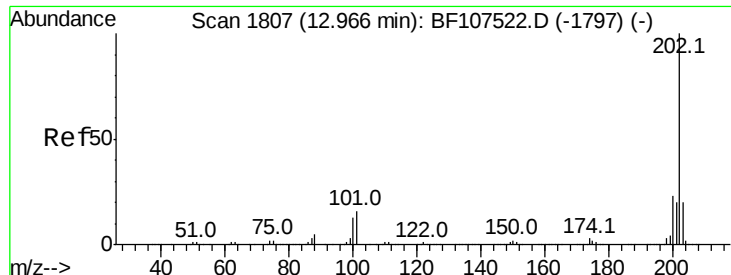


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 25.158 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

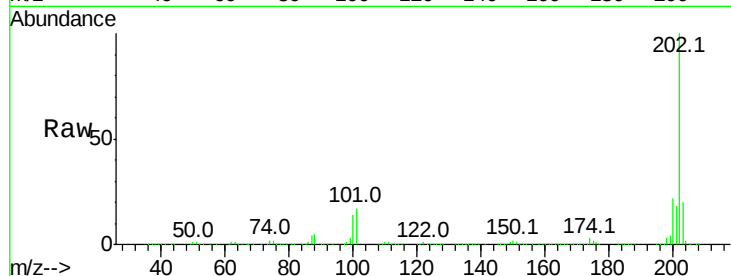
Tot Ion:202 Resp: 1696649

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

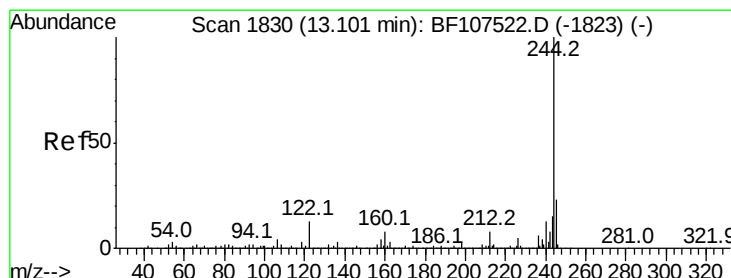
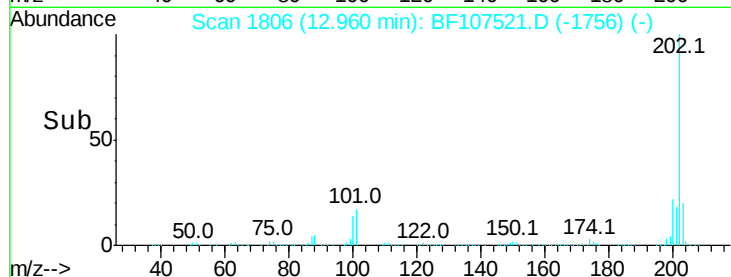
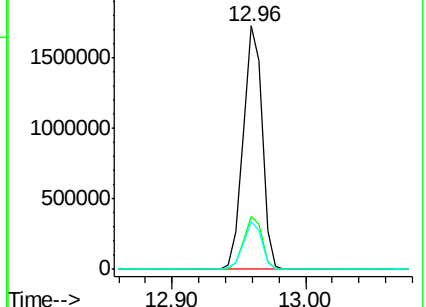
203 19.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 51.760 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

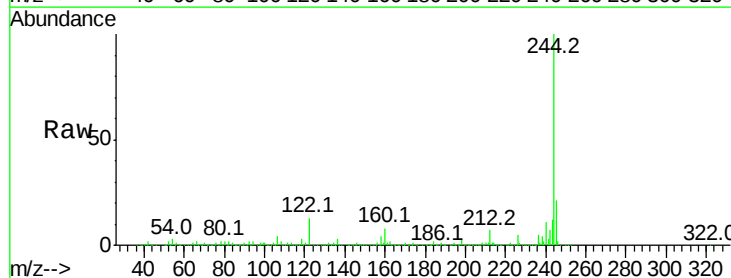
Tgt Ion:244 Resp: 2066055

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

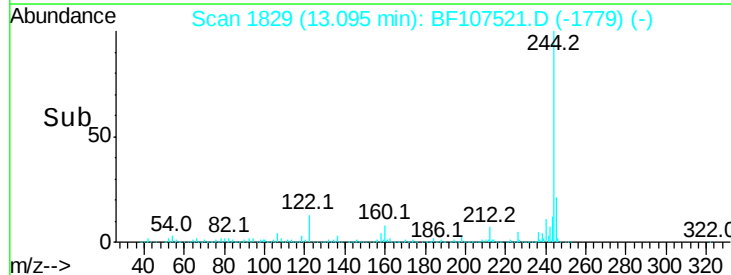
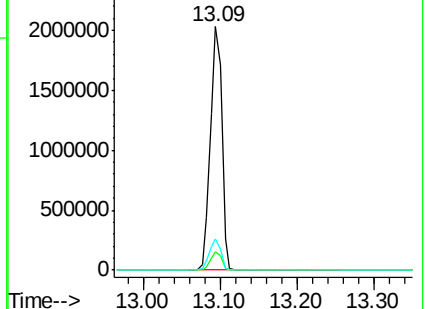
122 13.0 11.0 16.4

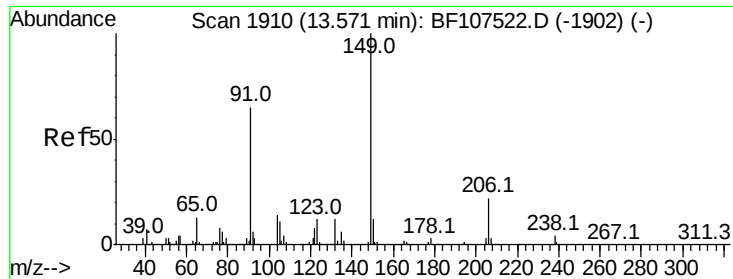


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

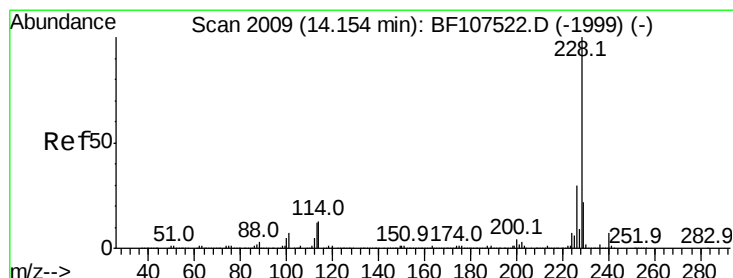
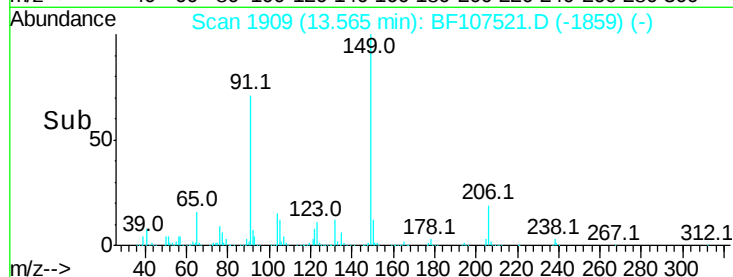
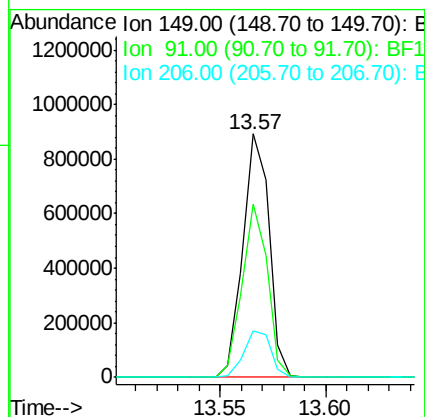
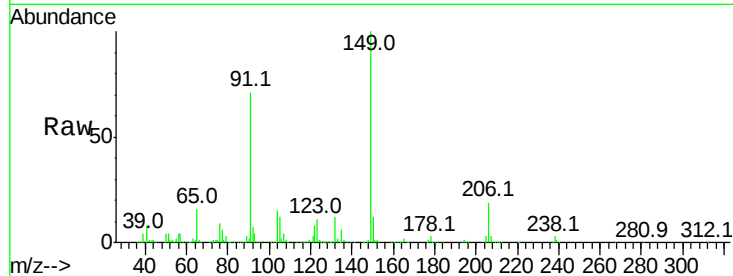




#79
Butylbenzylphthalate
Concen: 31.199 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

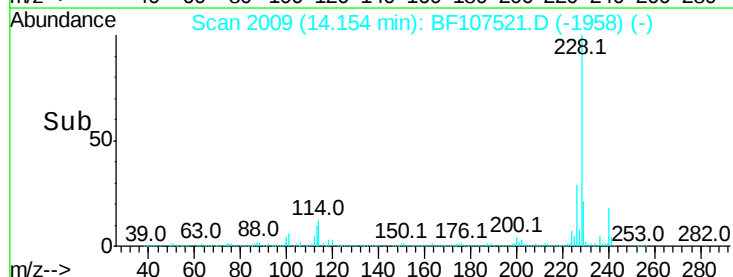
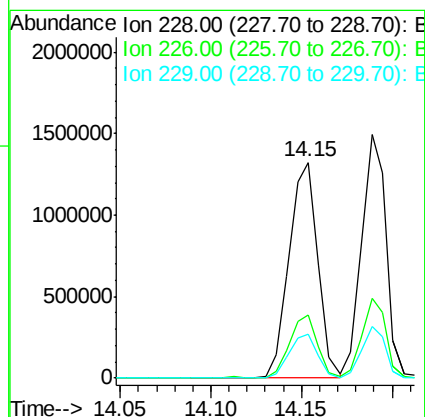
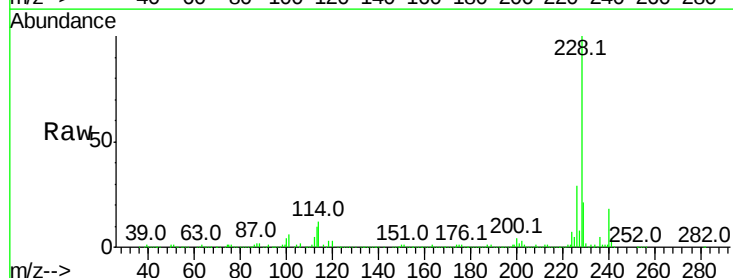
Instrument :
BNA_F
ClientSampled :

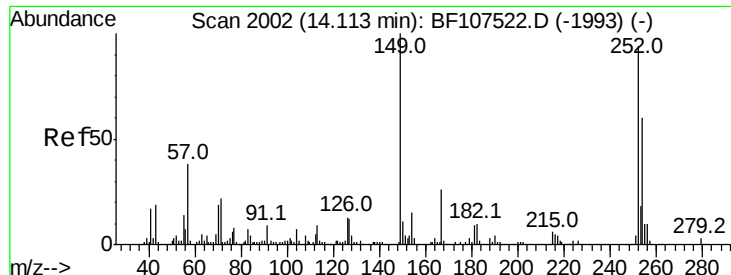
Tot Ion:149 Resp: 766417
Ion Ratio Lower Upper
149 100
91 70.9 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 24.225 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:228 Resp: 1469996
Ion Ratio Lower Upper
228 100
226 29.1 22.6 33.8
229 20.5 15.8 23.6

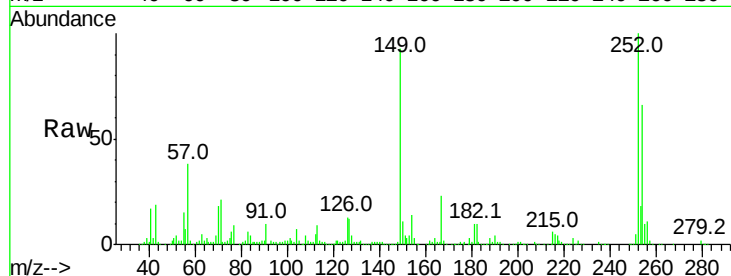




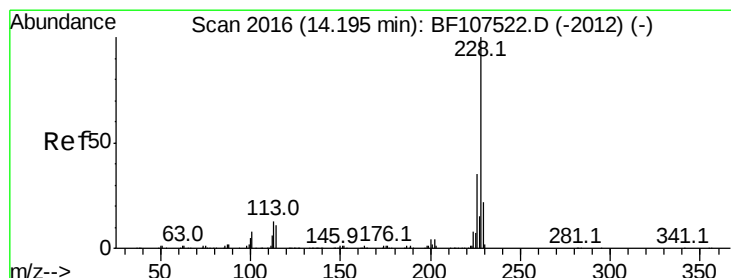
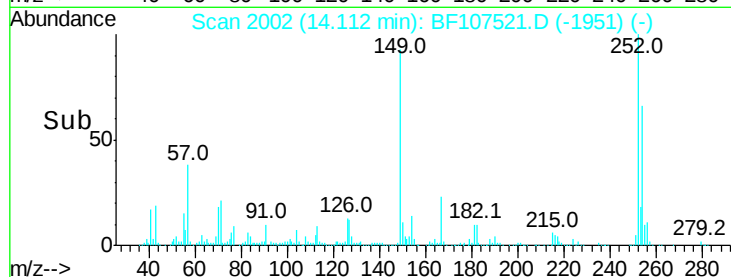
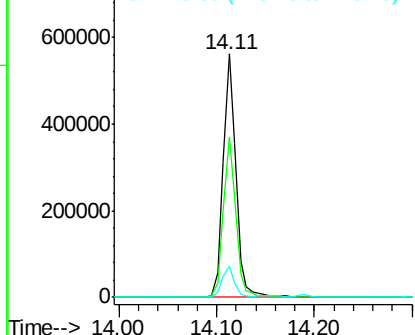
#81
 3,3'-Dichlorobenzidine
 Concen: 25.286 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 514602
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.4 75.6
 126 12.6 11.3 16.9

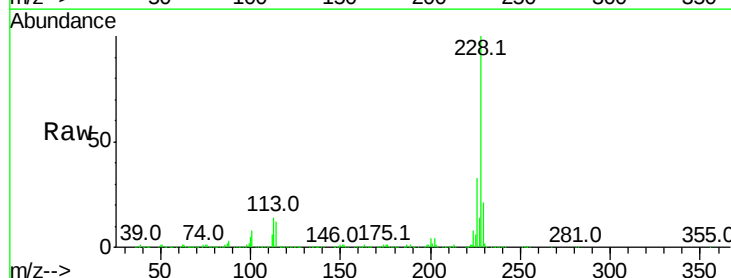


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

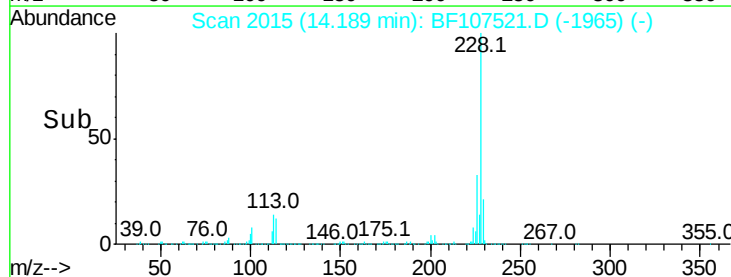
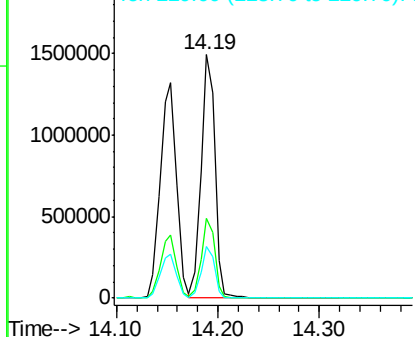


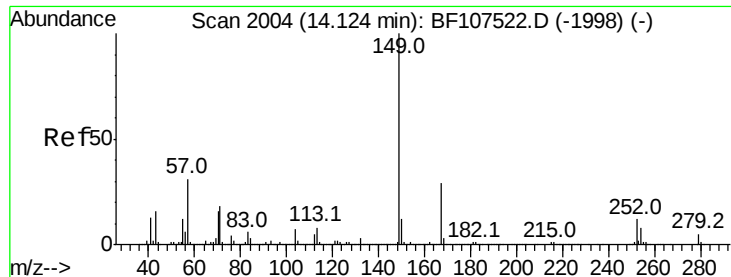
#82
 Chrysene
 Concen: 24.416 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:228 Resp: 1415301
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.0 37.6
 229 21.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

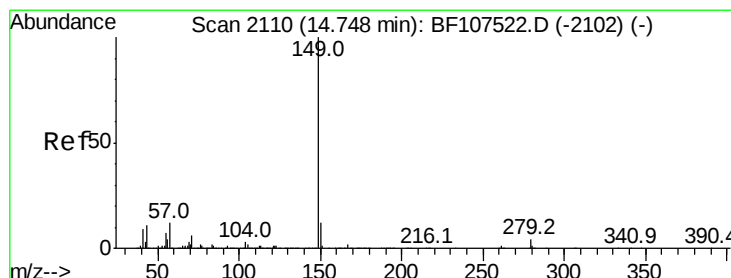
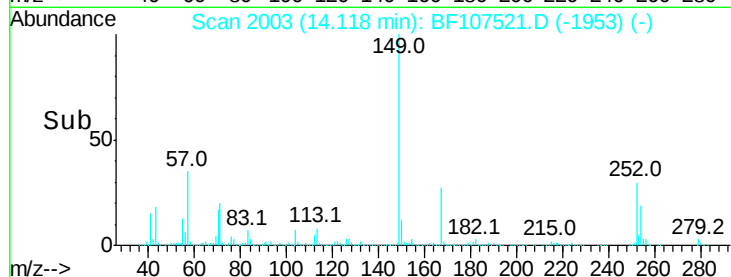
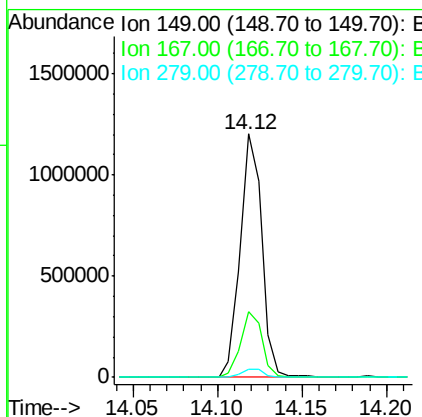
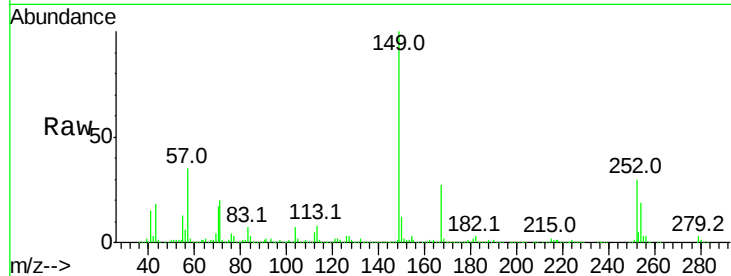




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.526 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

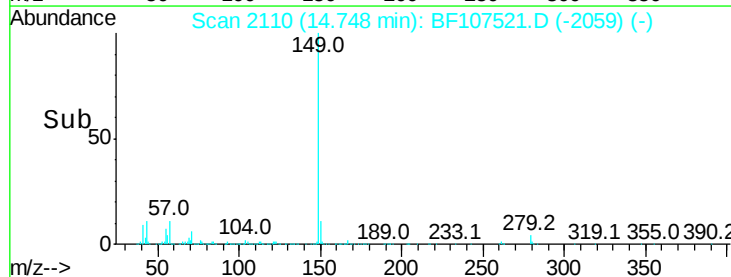
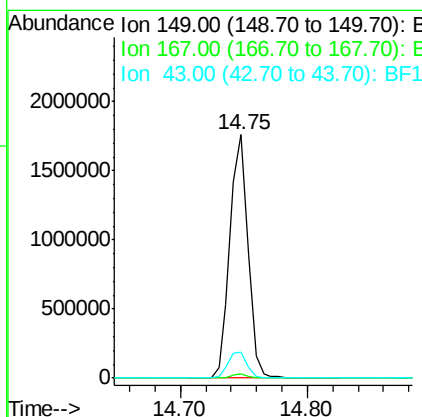
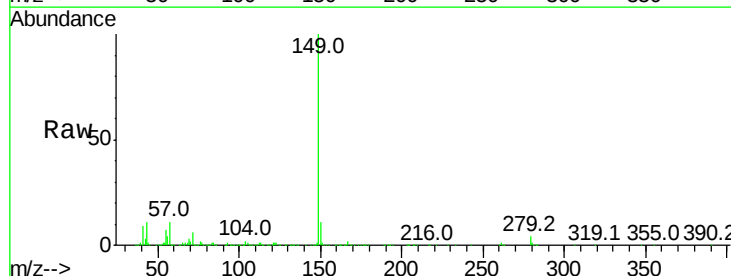
Instrument :
 BNA_F
 ClientSampleId :

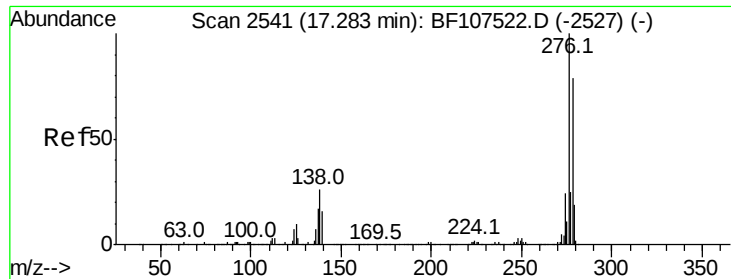
Tot Ion:149 Resp: 1074586
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 31.802 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Tgt Ion:149 Resp: 1740292
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.5 8.4 12.6

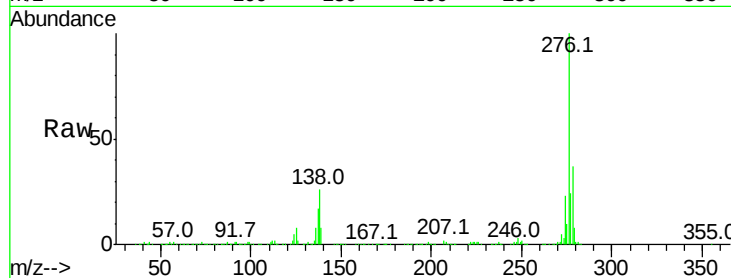




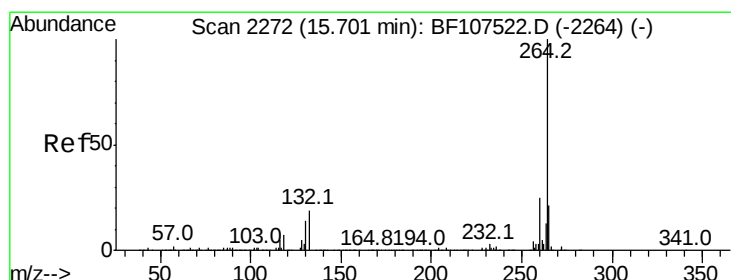
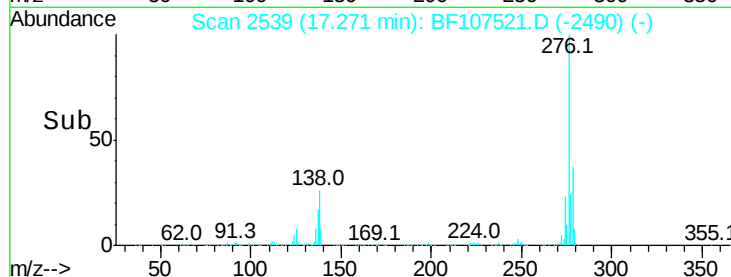
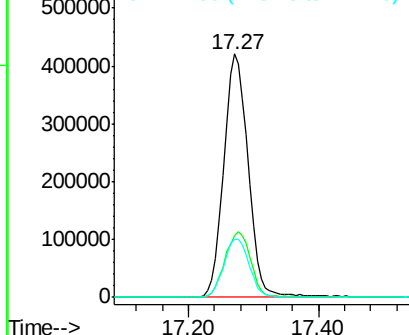
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.606 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 1097787
Ion Ratio Lower Upper
276 100
138 28.4 25.0 37.6
277 25.0 20.1 30.1

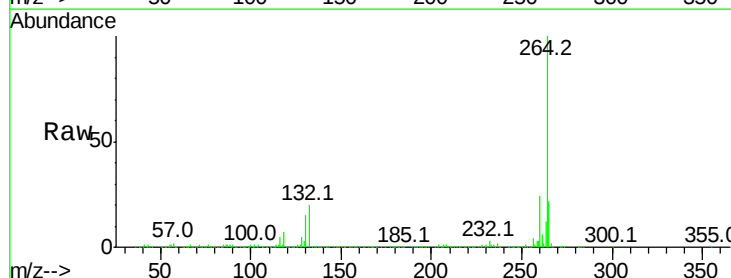


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

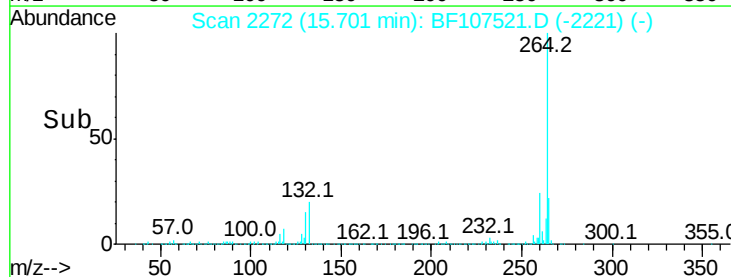
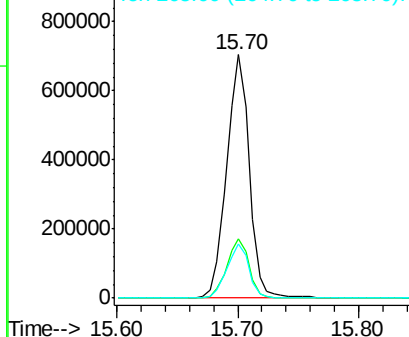


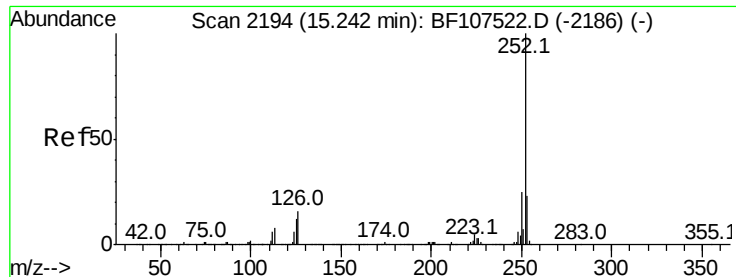
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:264 Resp: 916928
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

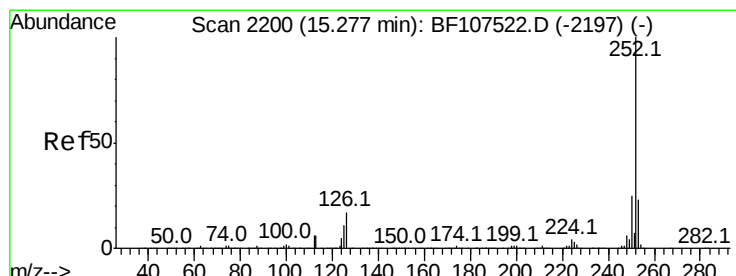
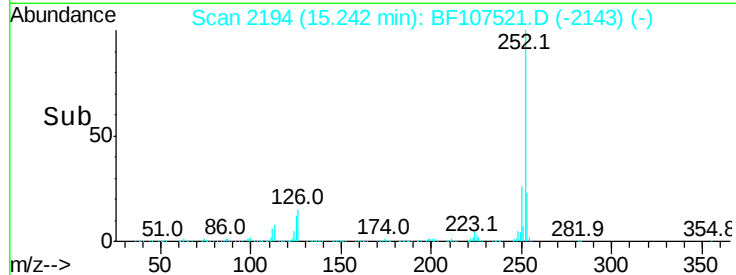
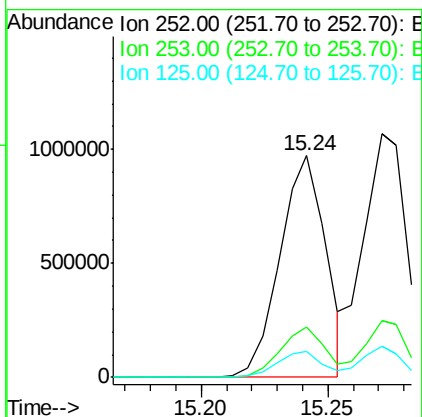
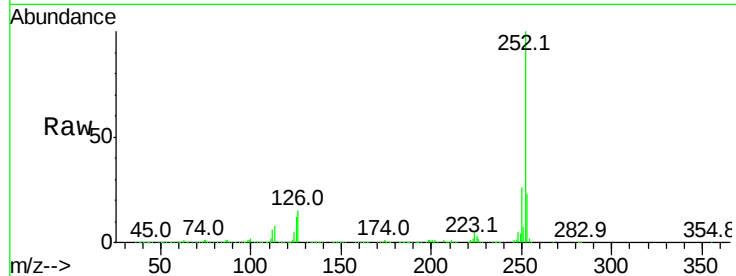




#87
Benzo(b)fluoranthene
Concen: 22.760 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

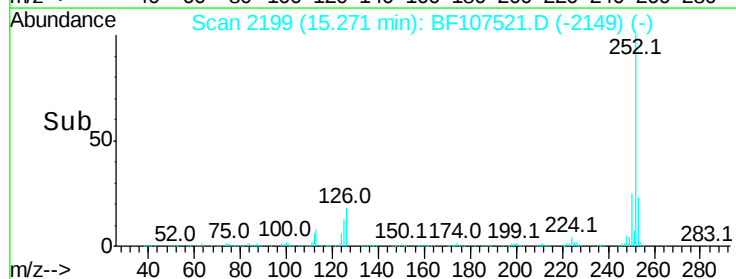
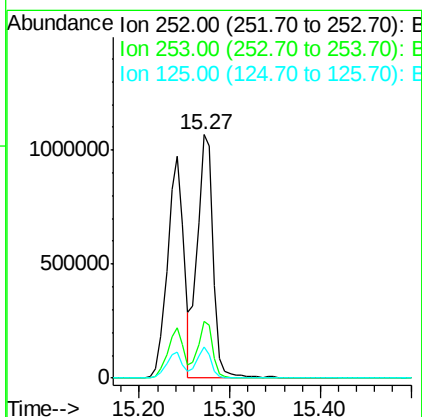
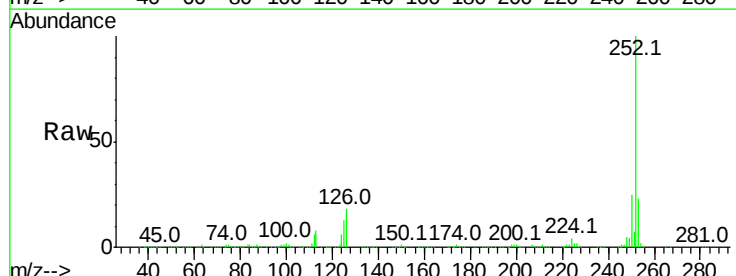
Instrument :
BNA_F
ClientSampleId :

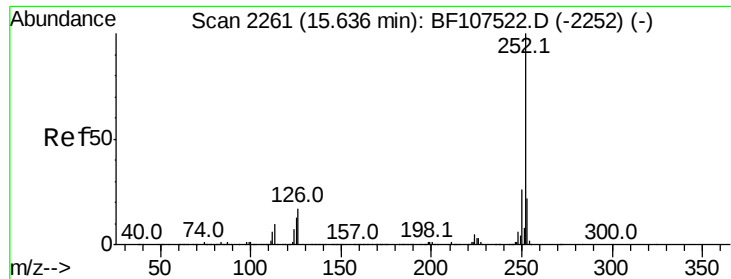
Tot Ion:252 Resp: 1221533
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 24.971 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107521.D
Acq: 20 Jul 2018 13:44

Tgt Ion:252 Resp: 1307891
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 12.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 23.419 ng

RT: 15.64 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

Instrument :

BNA_F

ClientSampleId :

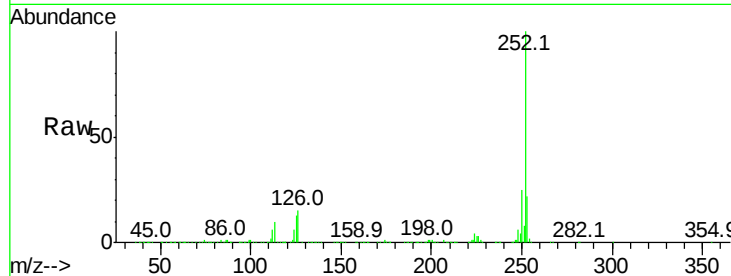
Tot Ion:252 Resp: 1153605

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

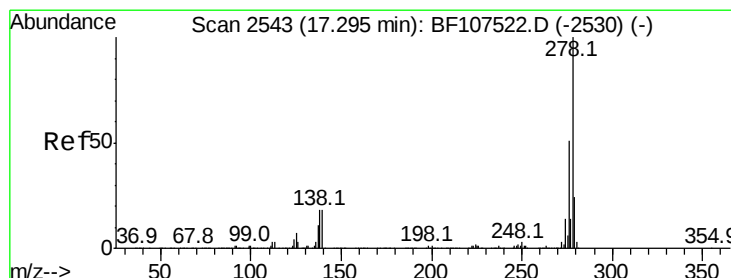
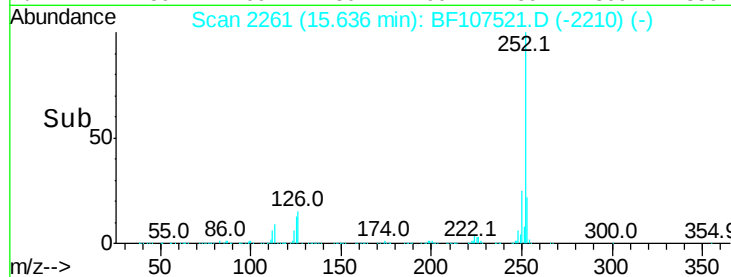
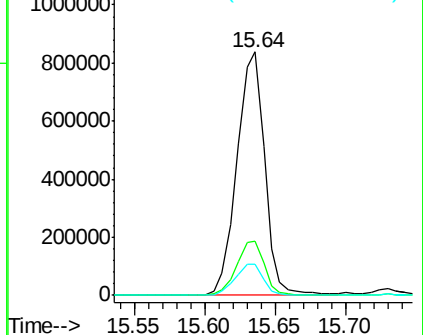
125 12.8 9.8 14.6



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: 24.738 ng

RT: 17.29 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BF107521.D

Acq: 20 Jul 2018 13:44

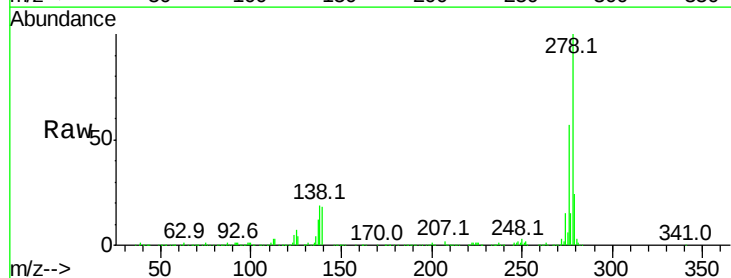
Tgt Ion:278 Resp: 919676

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

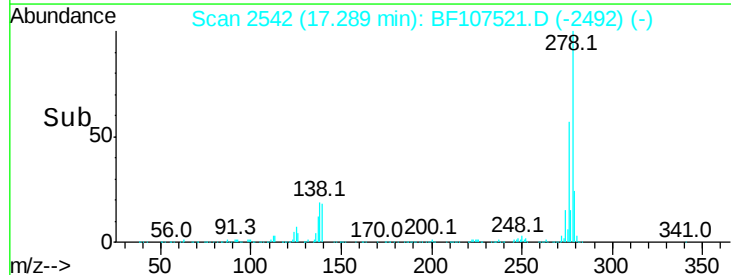
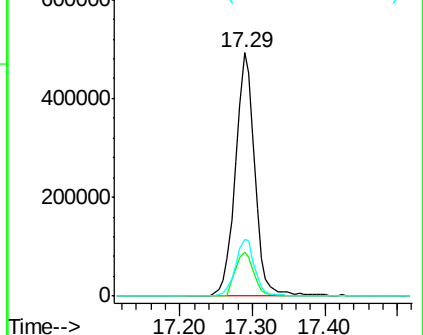
279 23.6 19.0 28.4

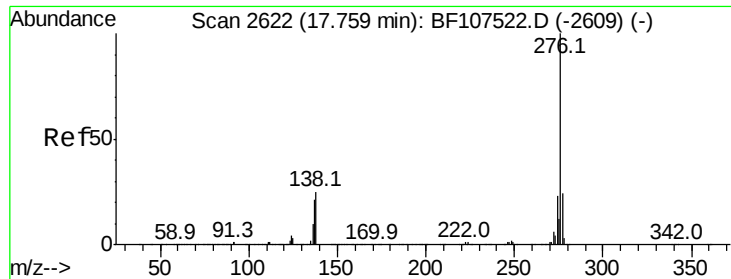


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 23.197 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107521.D
 Acq: 20 Jul 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	24.5	21.8	32.8

