

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107550.D
 Acq On : 21 Jul 2018 3:09
 Operator : JU/SJ
 Sample : J4030-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

Quant Time: Jul 21 04:56:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	297372	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1001936	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	368252	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	699802	20.00	ng	0.00
75) Chrysene-d12	14.17	240	677970	20.00	ng	0.00
86) Perylene-d12	15.70	264	512211	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1680655	90.87	ng	0.00
7) Phenol-d6	6.61	99	1952422	87.91	ng	0.00
23) Nitrobenzene-d5	7.54	82	1163295	78.36	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	411880	98.36	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1700096	77.05	ng	0.00
78) Terphenyl-d14	13.09	244	1674142	63.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	258174	29.990	ng	# 86
3) Pyridine	3.66	79	657019	28.054	ng	# 82
4) n-Nitrosodimethylamine	3.62	42	336108	34.028	ng	95
6) Aniline	6.66	93	542240	18.931	ng	# 89
8) 2-Chlorophenol	6.77	128	631762	31.882	ng	93
9) Benzaldehyde	6.53	77	326070	21.174	ng	97
10) Phenol	6.62	94	785592	30.078	ng	89
11) bis(2-Chloroethyl)ether	6.71	93	701643	32.403	ng	94
12) 1,3-Dichlorobenzene	6.92	146	693748	30.879	ng	99
13) 1,4-Dichlorobenzene	7.00	146	731137	31.752	ng	99
14) 1,2-Dichlorobenzene	7.15	146	656402	31.765	ng	98
15) Benzyl Alcohol	7.12	79	490049	32.377	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1080329	29.573	ng	83
17) 2-Methylphenol	7.23	107	506158	30.054	ng	# 95
18) Hexachloroethane	7.48	117	207920	25.744	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	421419	29.374	ng	96
20) 3+4-Methylphenols	7.38	107	634568	31.731	ng	# 47
22) Acetophenone	7.38	105	882296	37.496	ng	# 90
24) Nitrobenzene	7.56	77	634901	37.337	ng	99
25) Isophorone	7.79	82	1101197	34.739	ng	99
26) 2-Nitrophenol	7.88	139	257248	35.824	ng	98
27) 2,4-Dimethylphenol	7.91	122	504295	37.101	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	743477	35.096	ng	99
29) 2,4-Dichlorophenol	8.12	162	471683	33.951	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	505473	32.394	ng	99
31) Naphthalene	8.28	128	1693270	38.432	ng	98
32) Benzoic acid	7.91	122	504295	52.297	ng	# 15
33) 4-Chloroaniline	8.34	127	337228	17.512	ng	96
34) Hexachlorobutadiene	8.39	225	299284	32.278	ng	98
35) Caprolactam	8.69	113	134913	29.856	ng	# 75
36) 4-Chloro-3-methylphenol	8.81	107	448267	29.047	ng	99
37) 2-Methylnaphthalene	8.97	142	1086666	35.592	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	451650	36.771	ng	98
40) Hexachlorocyclopentadiene	9.12	237	64733	10.368	ng	98

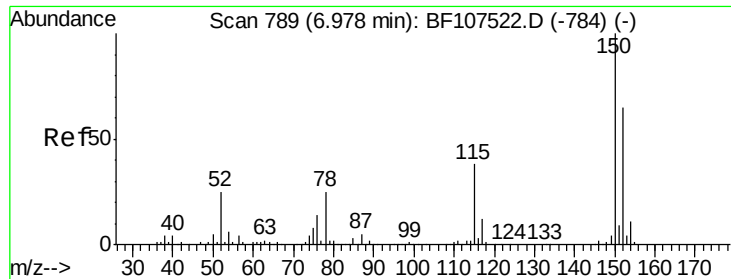
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107550.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	277350	35.277	ng	98
43) 2,4,5-Trichlorophenol	9.30	196	285282	34.719	ng	96
45) 1,1'-Biphenyl	9.44	154	1185402	36.953	ng	99
46) 2-Chloronaphthalene	9.47	162	848388	34.600	ng	98
47) 2-Nitroaniline	9.57	65	285616	39.955	ng	91
48) Acenaphthylene	9.88	152	1354274	36.767	ng	99
49) Dimethylphthalate	9.73	163	1301318	46.888	ng	99
50) 2,6-Dinitrotoluene	9.80	165	185832	33.725	ng	95
51) Acenaphthene	10.05	154	766359	33.206	ng	100
52) 3-Nitroaniline	9.98	138	203010	30.284	ng	97
53) 2,4-Dinitrophenol	10.08	184	1663	9.164	ng	# 1
54) Dibenzofuran	10.22	168	1160487	34.156	ng	99
55) 4-Nitrophenol	10.14	139	316498	63.060	ng	95
56) 2,4-Dinitrotoluene	10.21	165	223479	33.599	ng	# 96
57) Fluorene	10.57	166	873059	36.018	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	235259	34.402	ng	# 88
59) Diethylphthalate	10.43	149	1023582	35.313	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	417690	30.481	ng	91
61) 4-Nitroaniline	10.59	138	223824	39.741	ng	92
62) Azobenzene	10.72	77	855127	31.462	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	5714	10.066	ng	# 54
65) n-Nitrosodiphenylamine	10.68	169	783487	32.965	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	254549	30.900	ng	91
67) Hexachlorobenzene	11.12	284	271507	29.954	ng	# 89
68) Atrazine	11.20	200	236628	32.609	ng	97
69) Pentachlorophenol	11.32	266	277712	49.052	ng	99
70) Phenanthrene	11.54	178	1394523	40.893	ng	99
71) Anthracene	11.59	178	1283617	37.385	ng	99
72) Carbazole	11.75	167	1241157	34.762	ng	99
73) Di-n-butylphthalate	12.06	149	1417909	36.488	ng	99
74) Fluoranthene	12.73	202	1666283	45.535	ng	99
76) Benzidine	12.85	184	335128	17.165	ng	97
77) Pyrene	12.97	202	1660214	35.801	ng	98
79) Butylbenzylphthalate	13.57	149	703014	35.251	ng	97
80) Benzo(a)anthracene	14.15	228	1453893	36.594	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	367937	28.034	ng	97
82) Chrysene	14.19	228	1365818	35.787	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	967224	34.372	ng	98
84) Di-n-octyl phthalate	14.74	149	1720602	39.337	ng	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	848669	26.237	ng	95
87) Benzo(b)fluoranthene	15.24	252	1188964	42.413	ng	99
88) Benzo(k)fluoranthene	15.27	252	898071	32.700	ng	98
89) Benzo(a)pyrene	15.64	252	882780	34.427	ng	99
90) Dibenzo(a,h)anthracene	17.29	278	706895	31.891	ng	96
91) Benzo(g,h,i)perylene	17.76	276	673068	30.784	ng	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

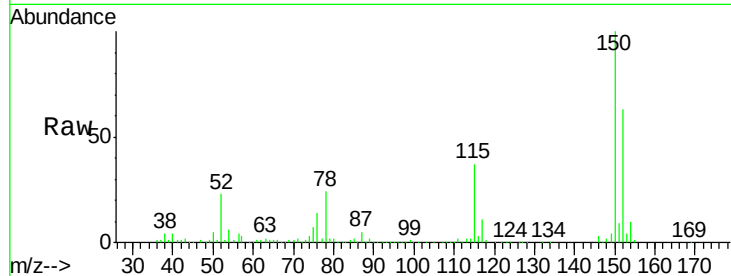
Tgt Ion:152 Resp: 297372

Ion Ratio Lower Upper

152 100

150 159.0 124.6 186.8

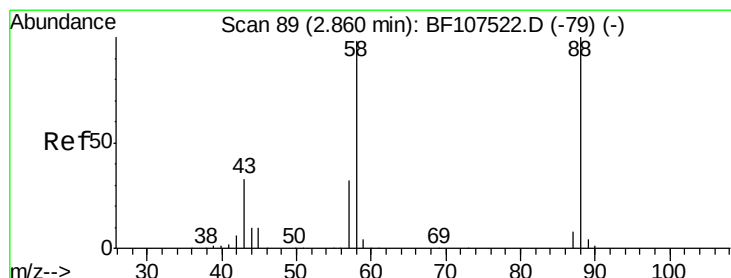
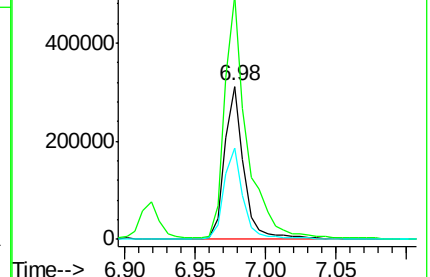
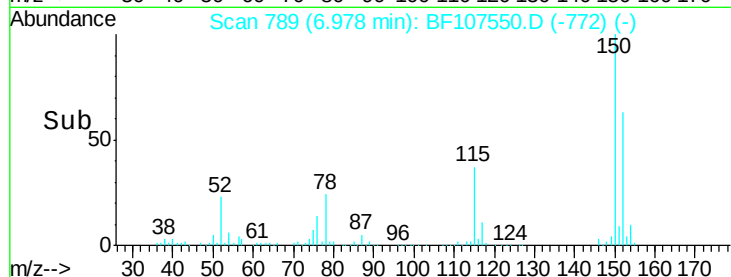
115 59.3 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.990 ng

RT: 2.88 min Scan# 93

Delta R.T. 0.02 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

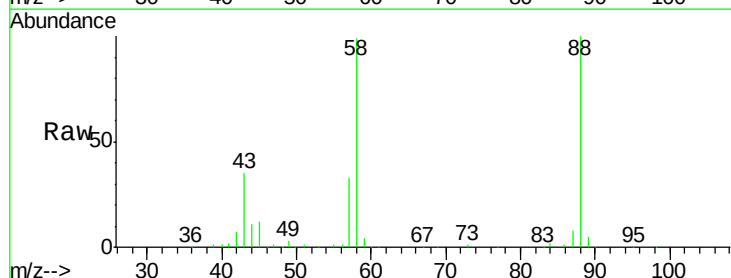
Tgt Ion: 88 Resp: 258174

Ion Ratio Lower Upper

88 100

58 94.8 62.6 93.8#

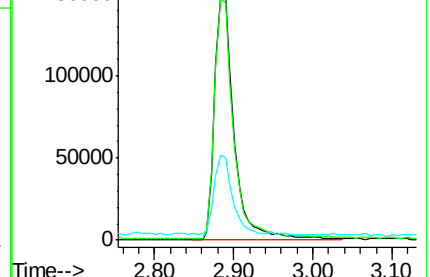
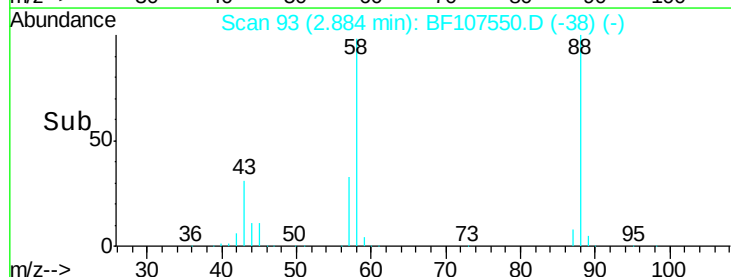
43 29.3 24.6 37.0

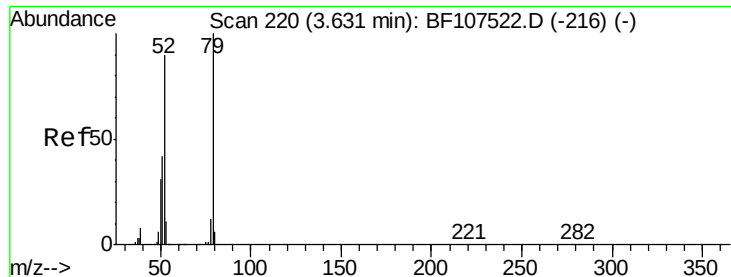


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.054 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

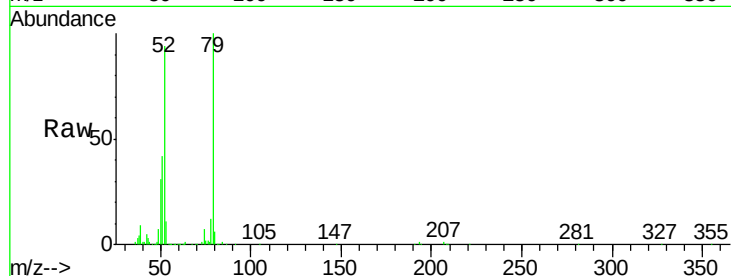
Tgt Ion: 79 Resp: 657019

Ion Ratio Lower Upper

79 100

52 93.6 59.8 89.6#

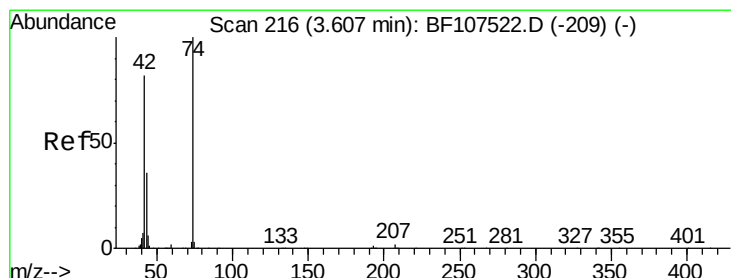
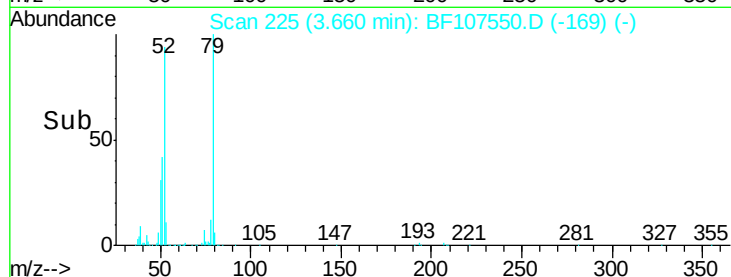
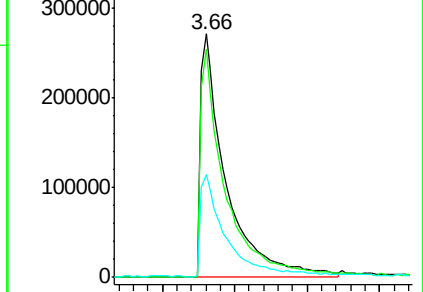
51 42.4 29.8 44.8



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: 34.028 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

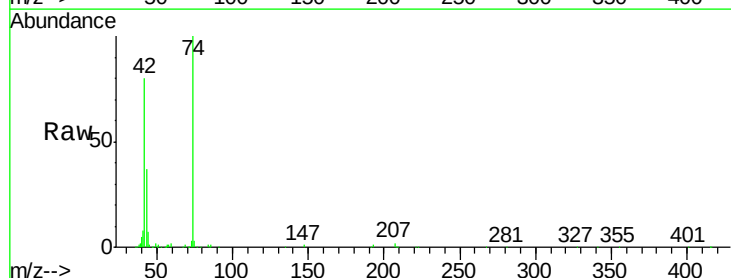
Tgt Ion: 42 Resp: 336108

Ion Ratio Lower Upper

42 100

74 124.5 104.9 157.3

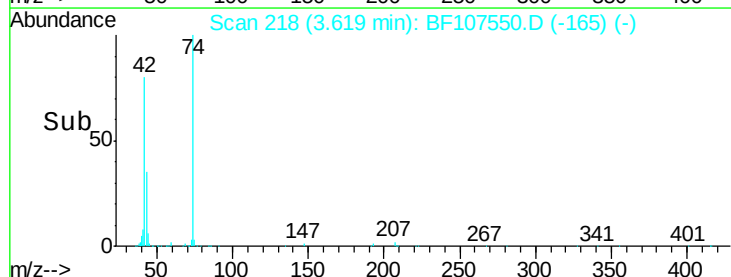
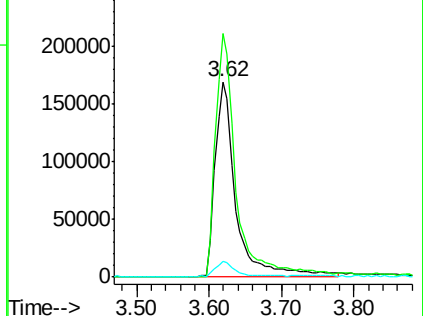
44 8.1 6.9 10.3

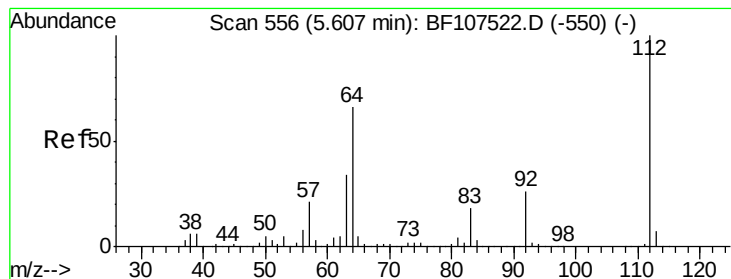


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 90.868 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

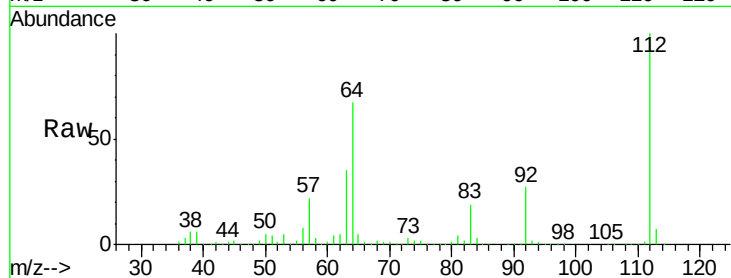
Tgt Ion: 112 Resp: 1680655

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

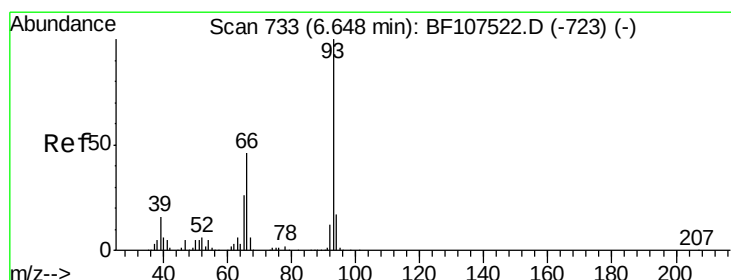
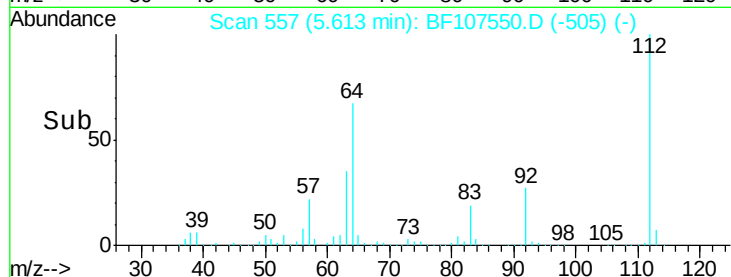
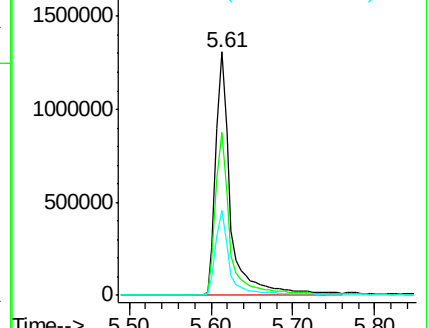
63 35.0 23.7 35.5



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: 18.931 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

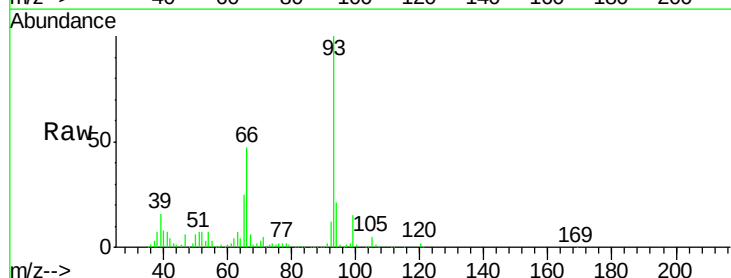
Tgt Ion: 93 Resp: 542240

Ion Ratio Lower Upper

93 100

66 47.0 32.2 48.2

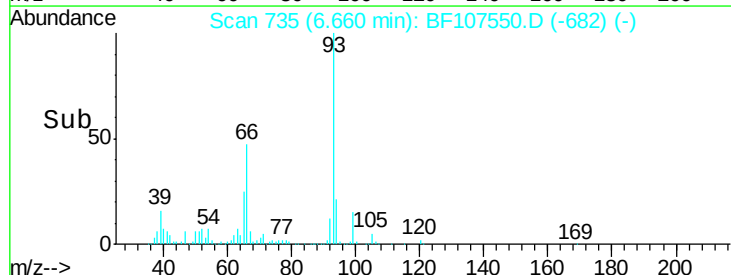
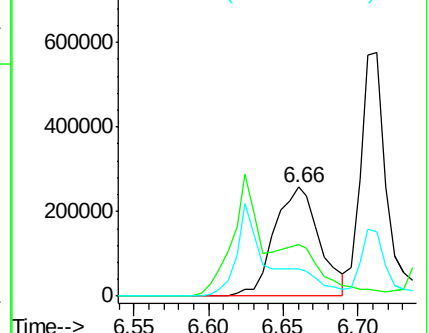
65 25.3 16.4 24.6#

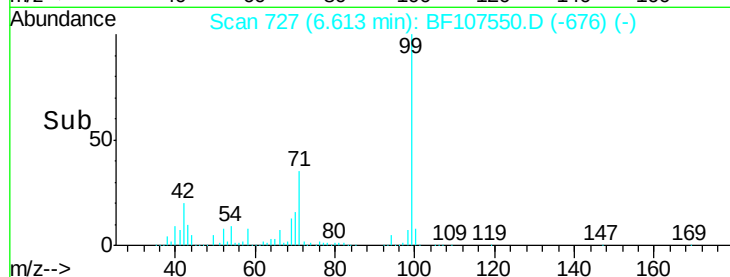
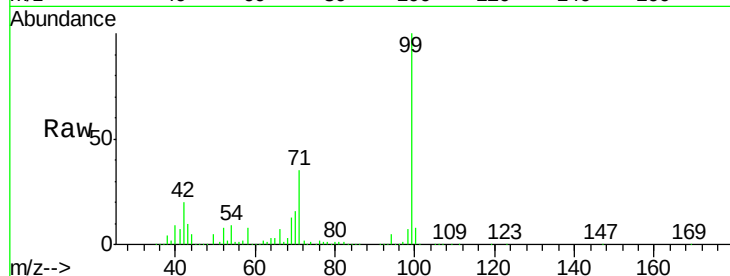
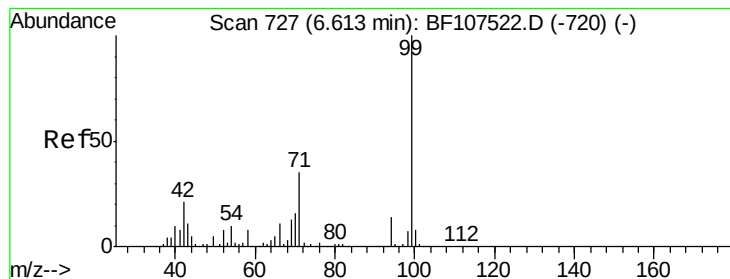


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.914 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

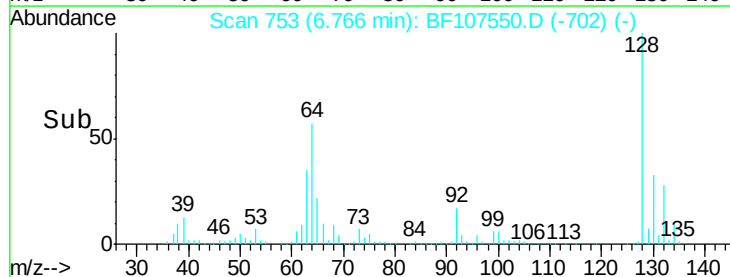
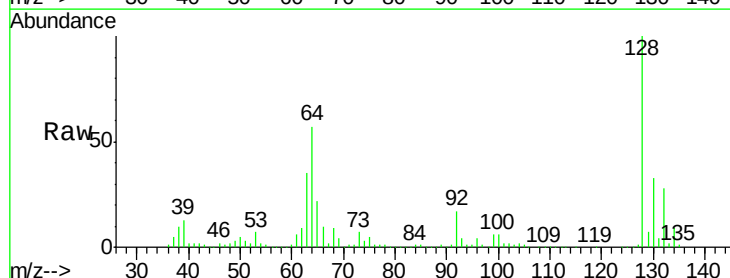
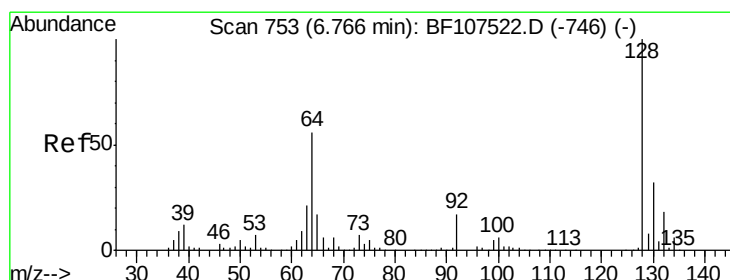
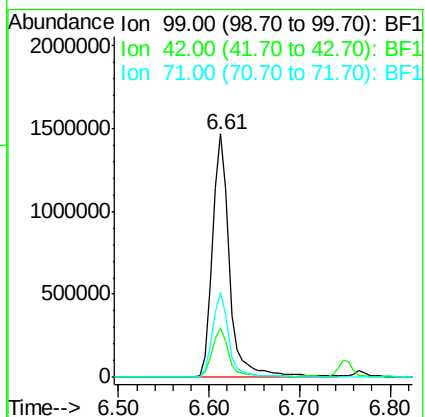
Tgt Ion: 99 Resp: 1952422

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 35.0 25.4 38.0



#8

2-Chlorophenol

Concen: 31.882 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

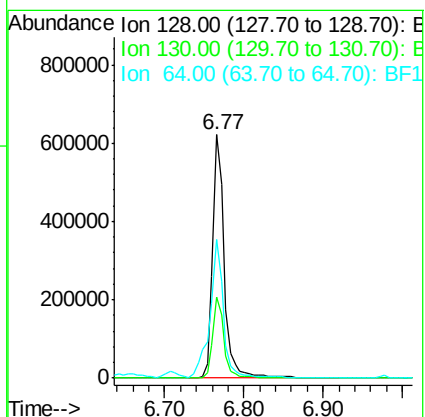
Tgt Ion: 128 Resp: 631762

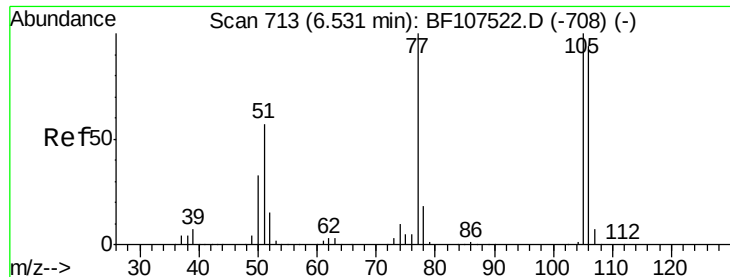
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 57.1 29.4 69.4





#9

Benzaldehyde

Concen: 21.174 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

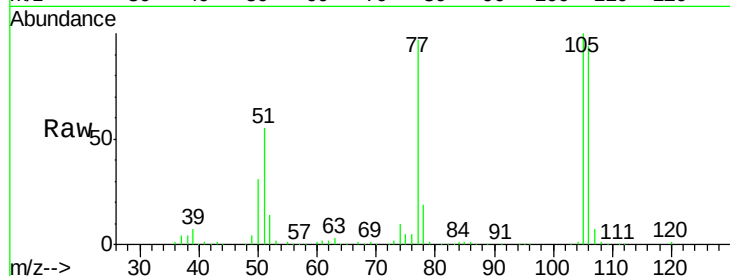
Tgt Ion: 77 Resp: 326070

Ion Ratio Lower Upper

77 100

105 103.4 81.1 121.1

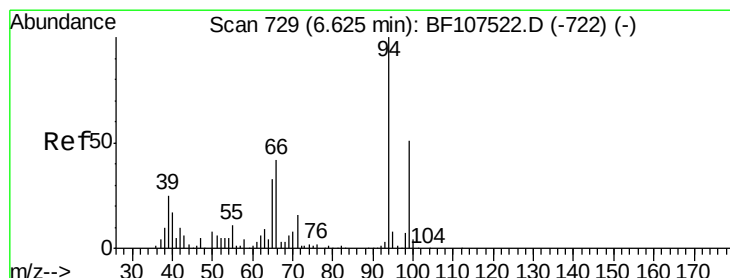
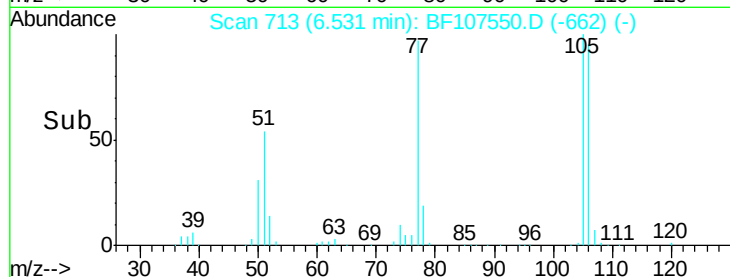
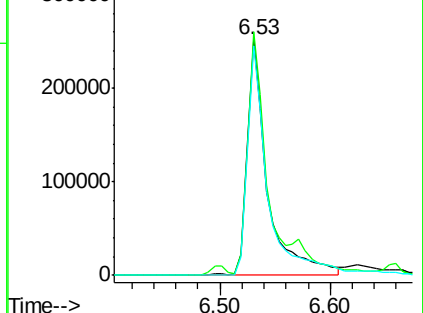
106 97.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.078 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

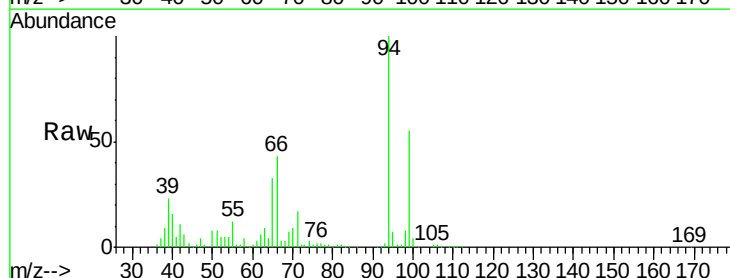
Tgt Ion: 94 Resp: 785592

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

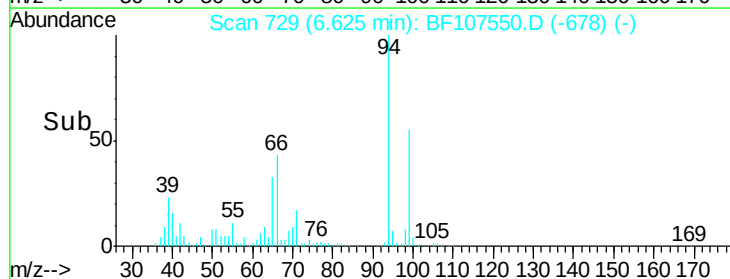
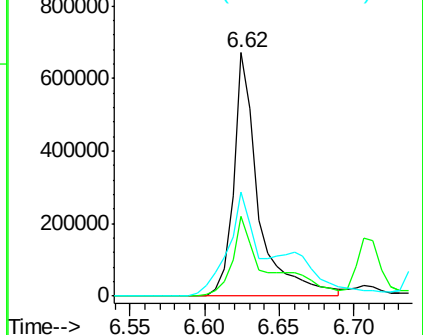
66 43.0 16.2 56.2

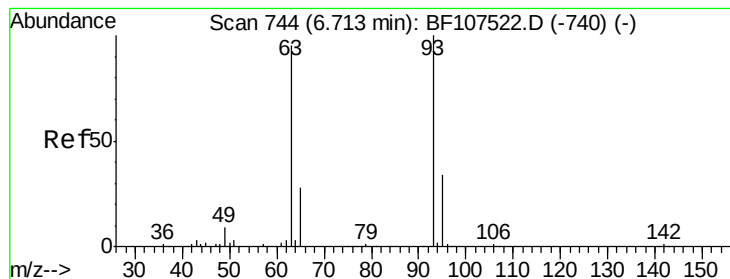


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.403 ng

RT: 6.71 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

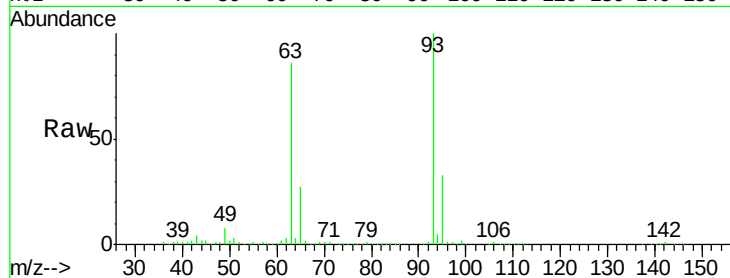
Tgt Ion: 93 Resp: 701643

Ion Ratio Lower Upper

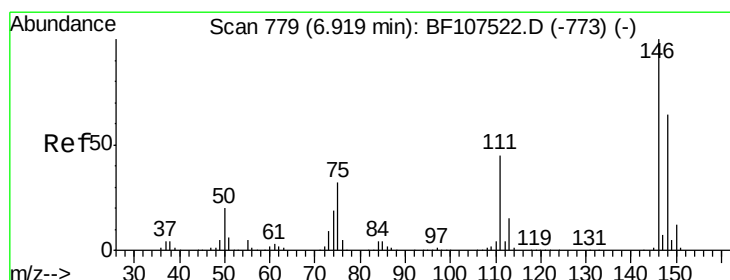
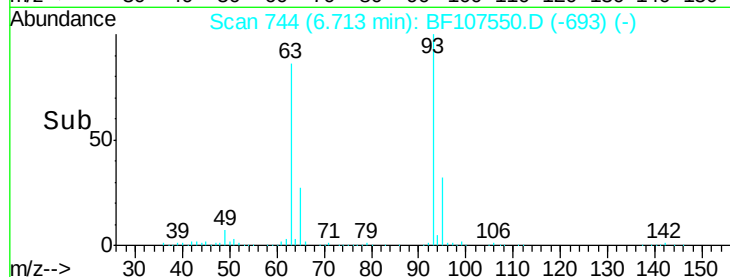
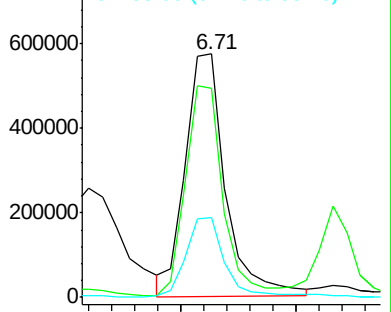
93 100

63 85.9 58.6 98.6

95 32.6 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: 30.879 ng

RT: 6.92 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

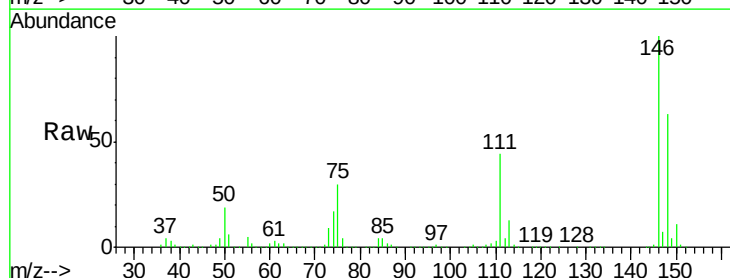
Tgt Ion: 146 Resp: 693748

Ion Ratio Lower Upper

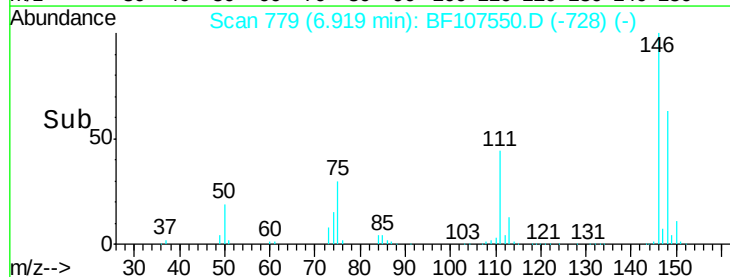
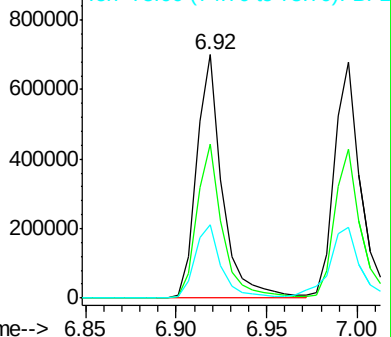
146 100

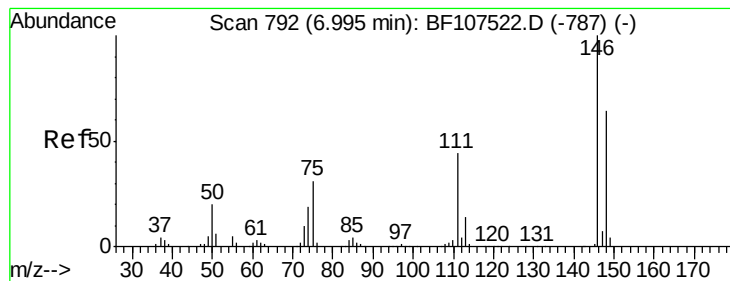
148 63.5 51.8 77.8

75 30.2 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: 31.752 ng

RT: 7.00 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

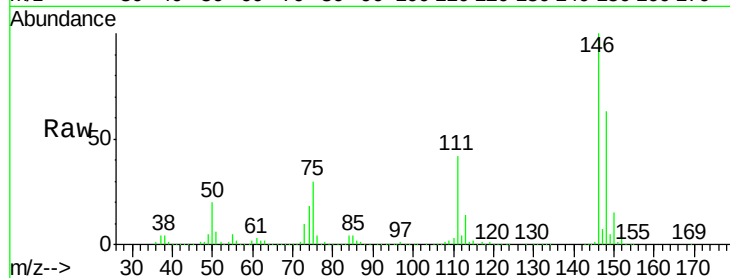
Tgt Ion:146 Resp: 731137

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

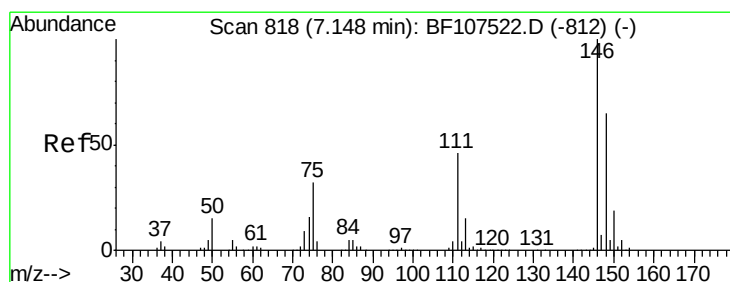
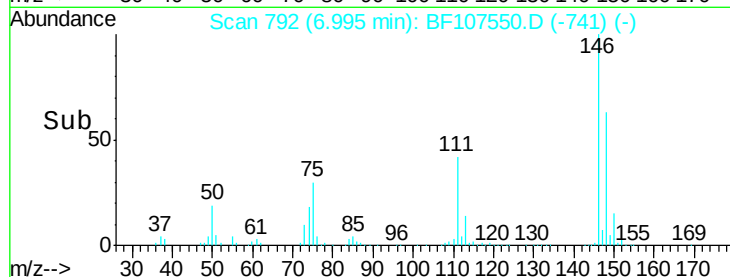
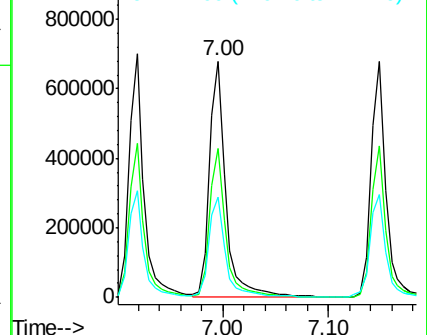
111 42.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.765 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

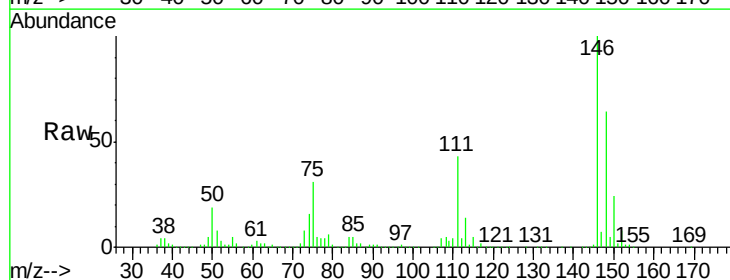
Tgt Ion:146 Resp: 656402

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

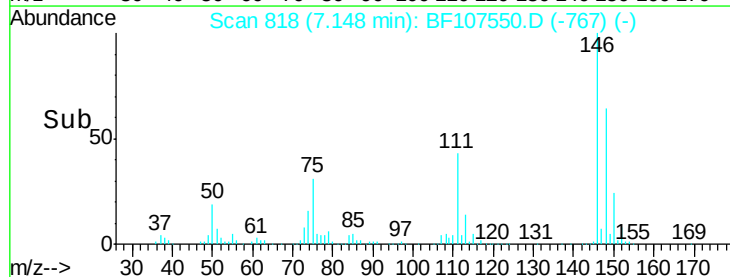
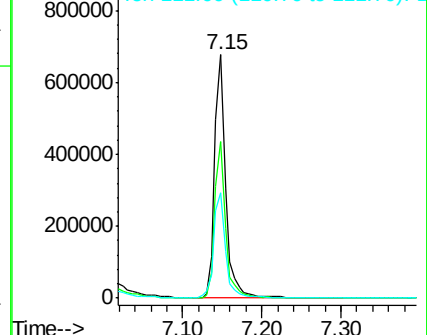
111 43.4 36.0 54.0

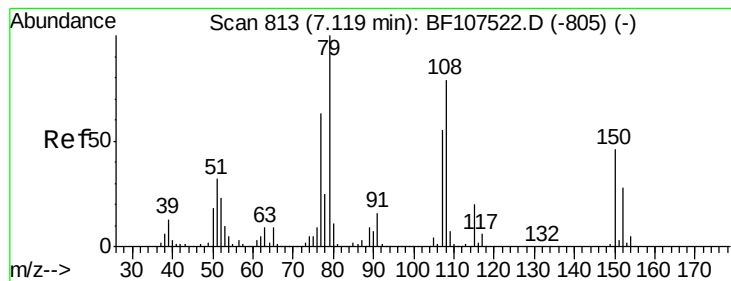


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.377 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

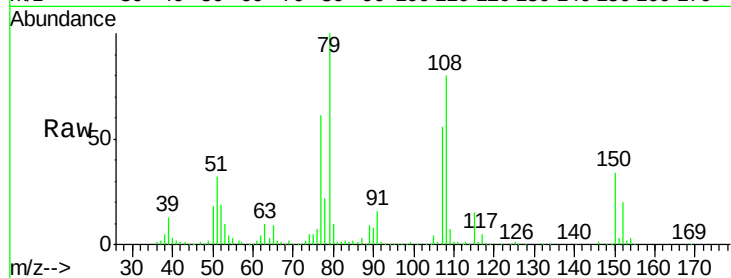
Tgt Ion: 79 Resp: 490049

Ion Ratio Lower Upper

79 100

108 80.4 65.1 97.7

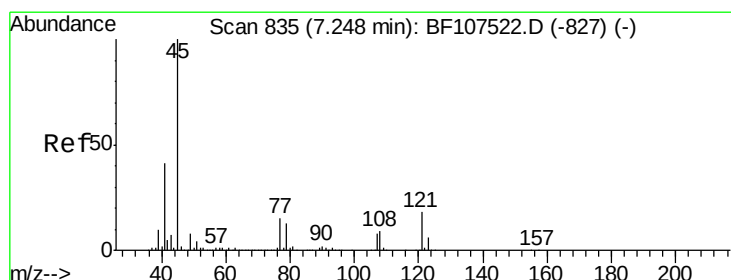
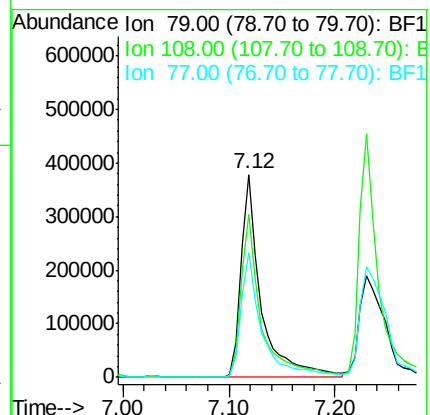
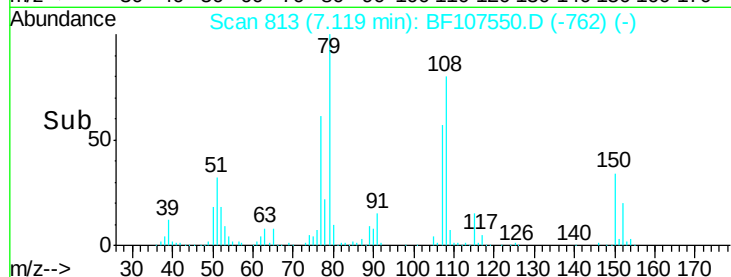
77 61.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.573 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

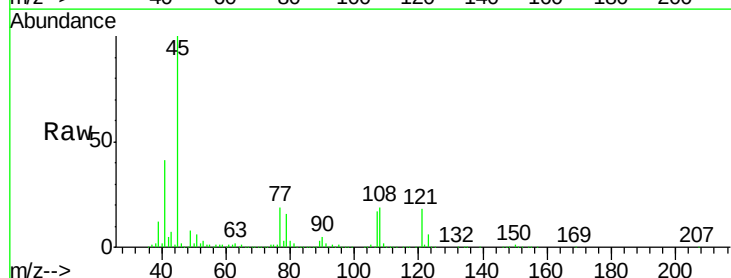
Tgt Ion: 45 Resp: 1080329

Ion Ratio Lower Upper

45 100

77 19.1 0.0 32.9

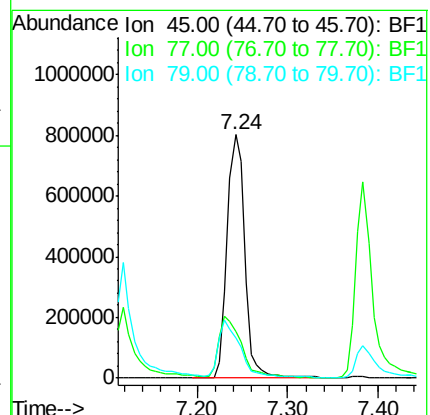
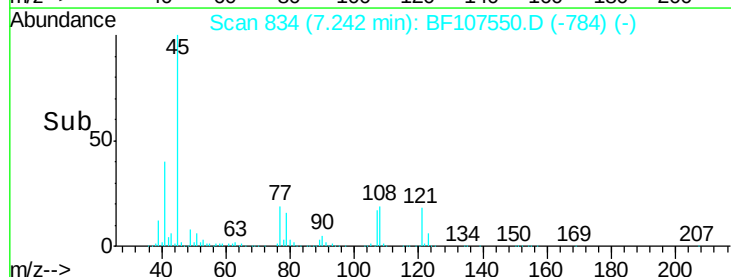
79 16.5 0.0 29.6

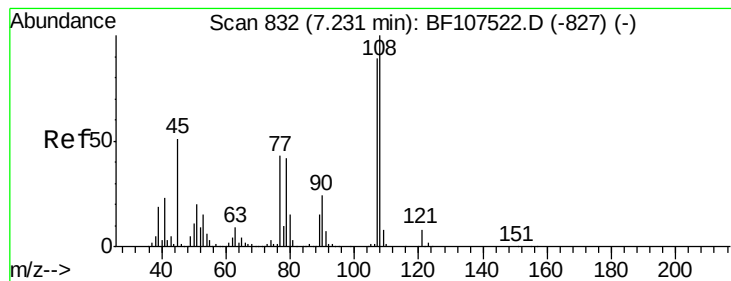


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

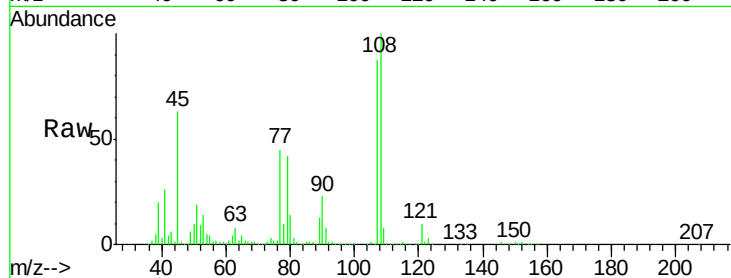




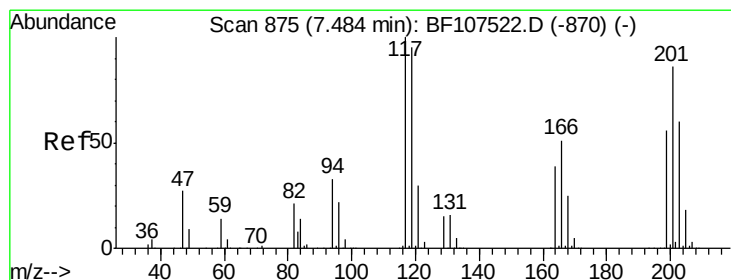
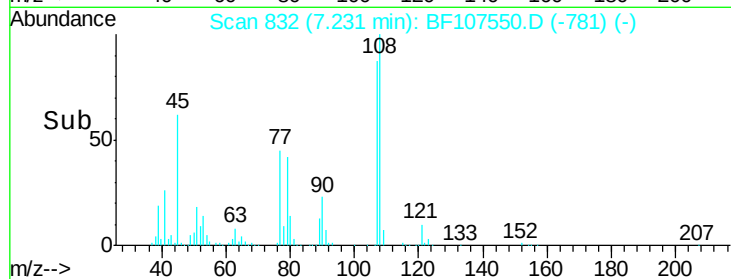
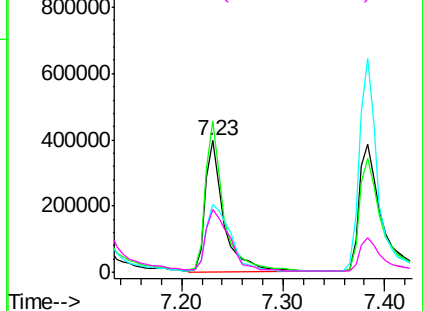
#17
2-Methylphenol
Concen: 30.054 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.7	137.5
77	51.7	33.8	50.8#
79	47.7	33.8	50.8

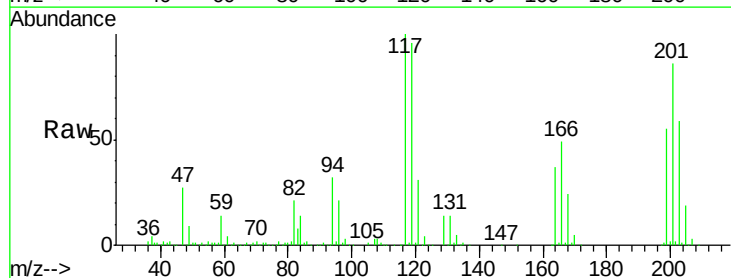


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

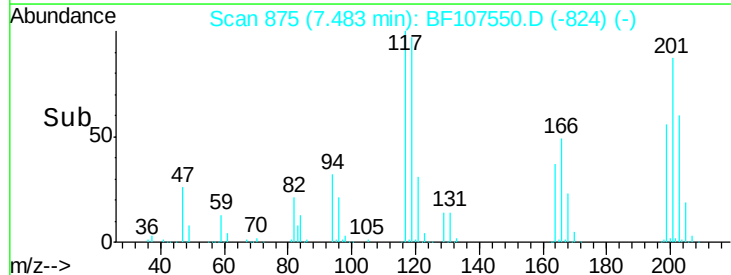
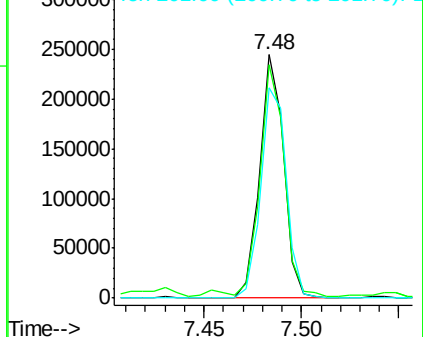


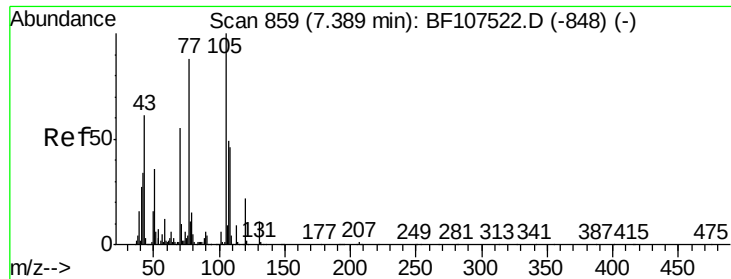
#18
Hexachloroethane
Concen: 25.744 ng
RT: 7.48 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	86.2	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

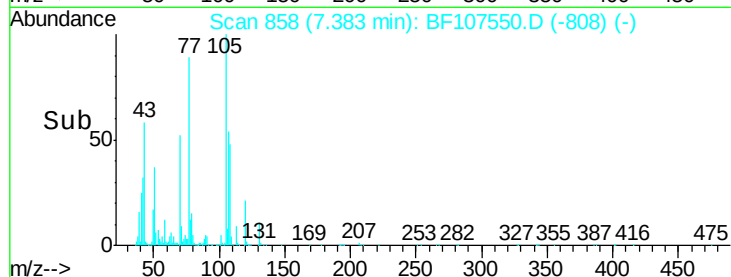
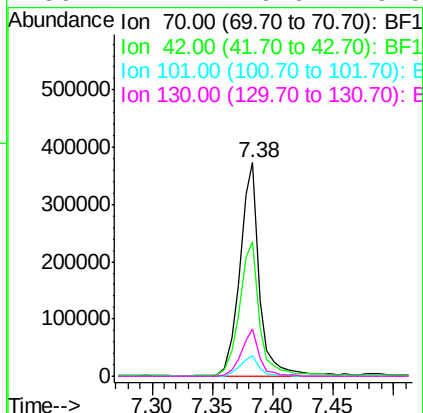
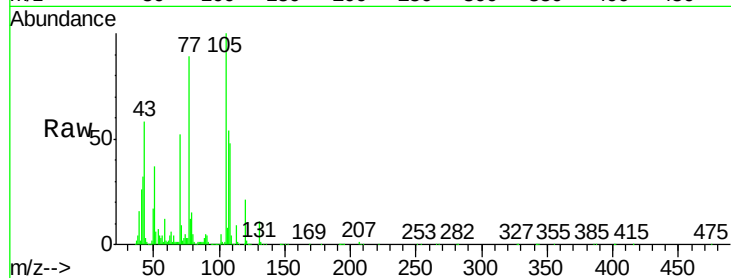




#19
n-Nitroso-di-n-propylamine
Concen: 29.374 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

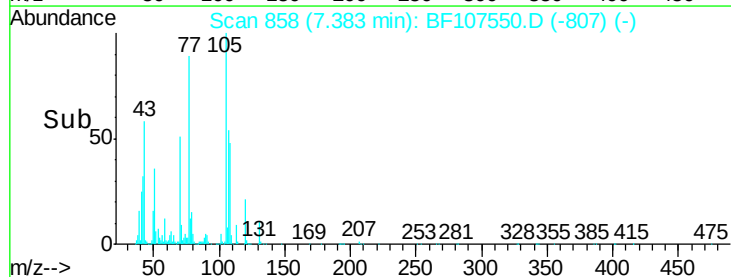
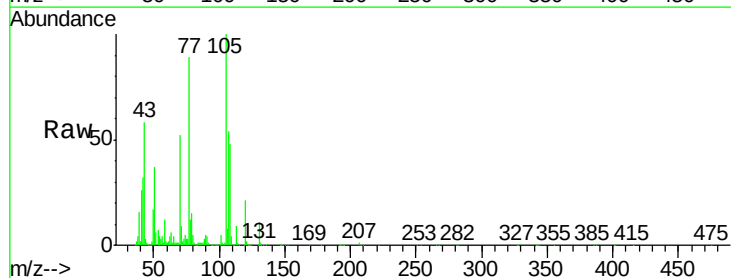
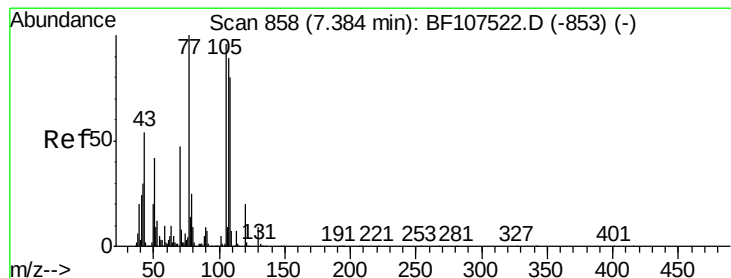
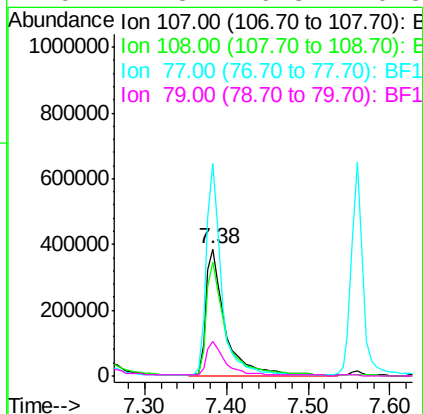
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

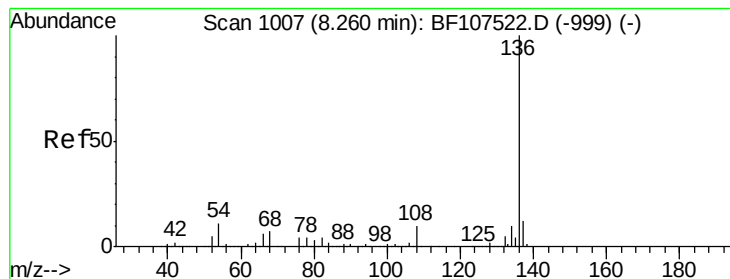
Tgt Ion: 70 Resp: 421419
Ion Ratio Lower Upper
70 100
42 62.9 47.5 71.3
101 9.8 7.4 11.2
130 22.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 31.731 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion: 107 Resp: 634568
Ion Ratio Lower Upper
107 100
108 89.1 68.2 108.2
77 166.6 26.7 66.7#
79 27.3 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: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

Tgt Ion:136 Resp: 1001936

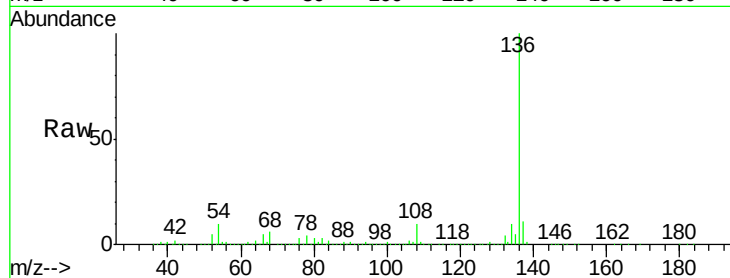
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.1 6.6 9.8#

68 6.3 5.0 7.4

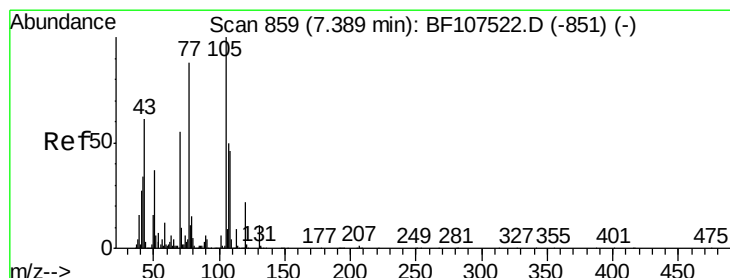
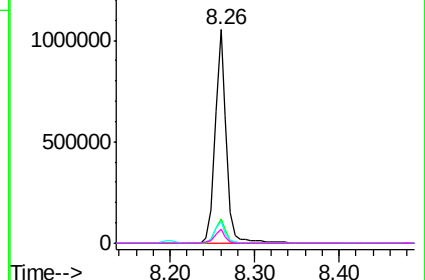
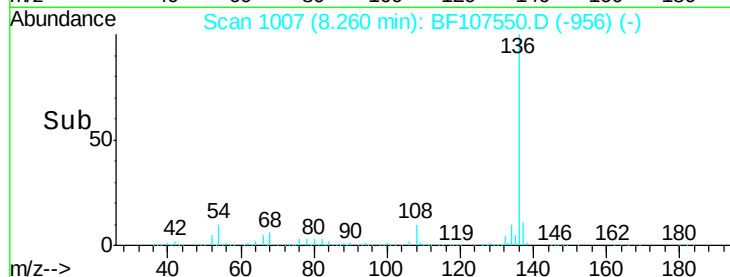


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.496 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Tgt Ion:105 Resp: 882296

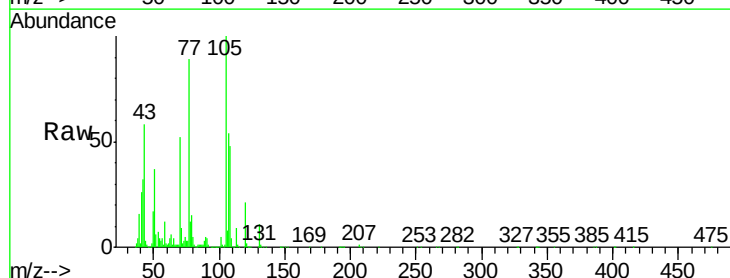
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 36.7 22.3 33.5#

120 20.9 16.9 25.3

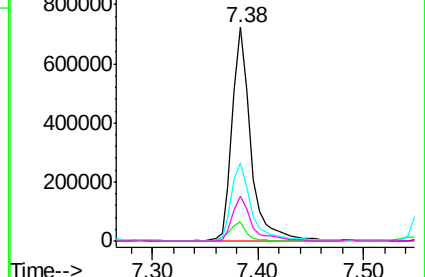
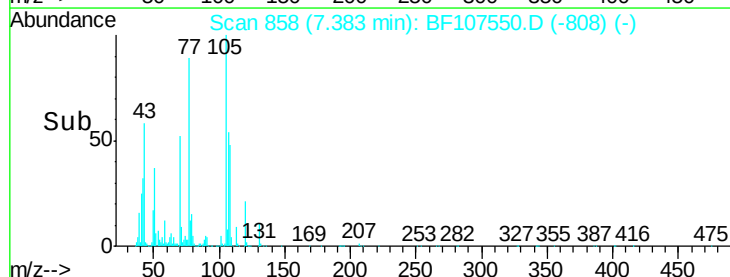


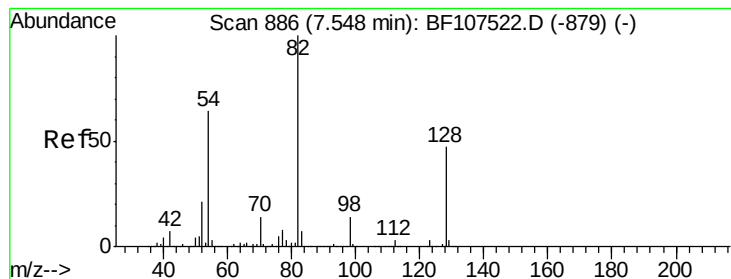
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.356 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

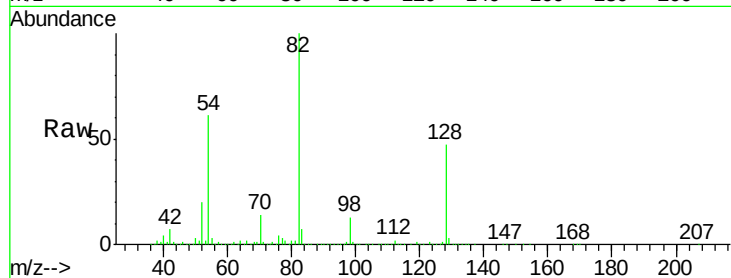
BNA_F

ClientSampleId :

SB1-12-0MS

Tgt Ion: 82 Resp: 1163295

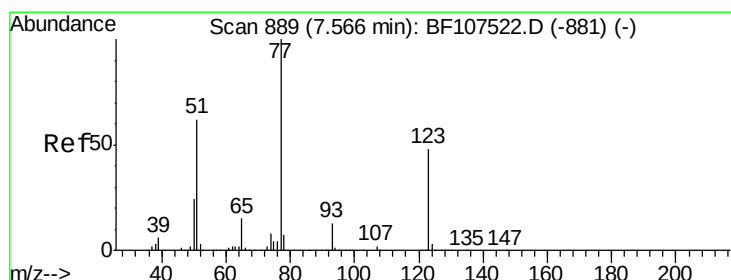
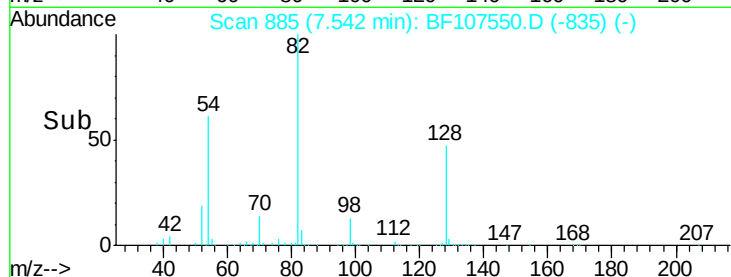
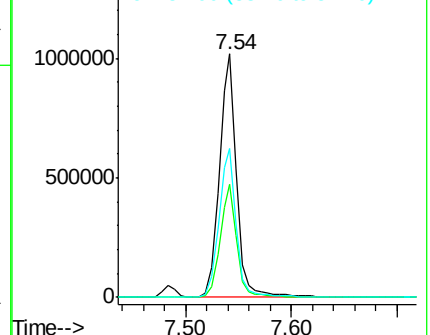
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	61.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 37.337 ng

RT: 7.56 min Scan# 888

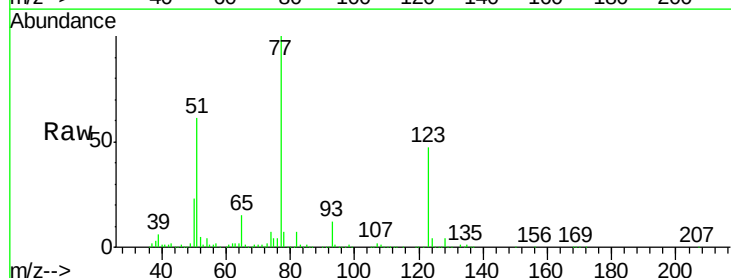
Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Tgt Ion: 77 Resp: 634901

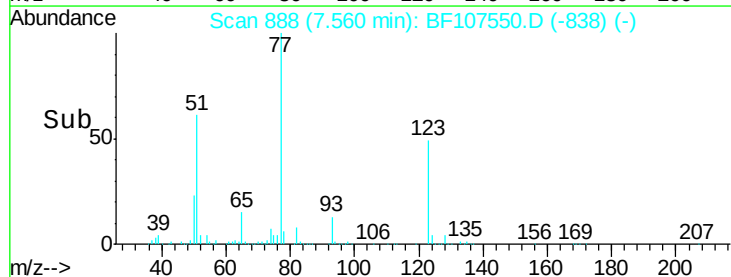
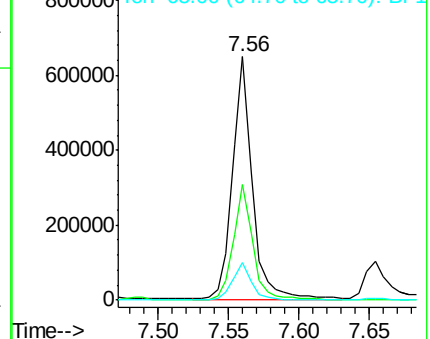
Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	15.2	11.0	16.4

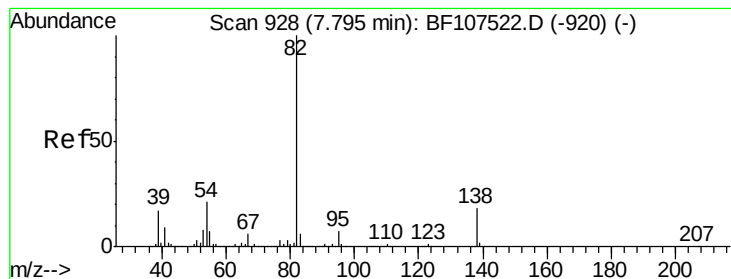


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.739 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

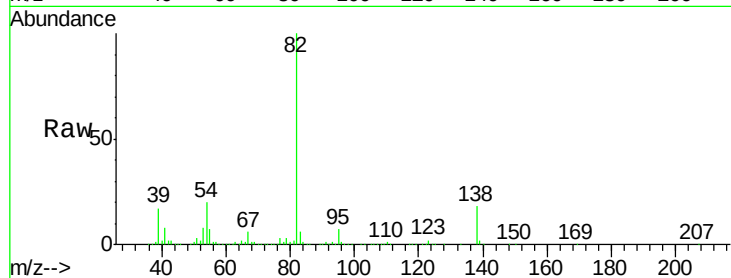
Tgt Ion: 82 Resp: 1101197

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

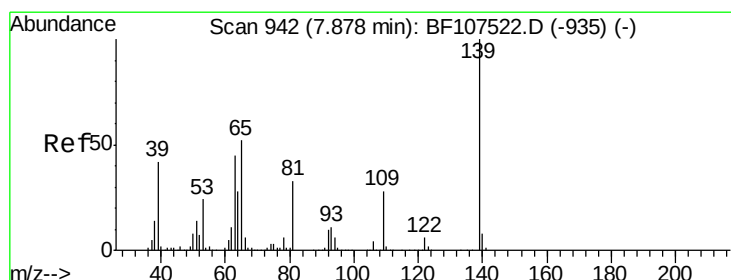
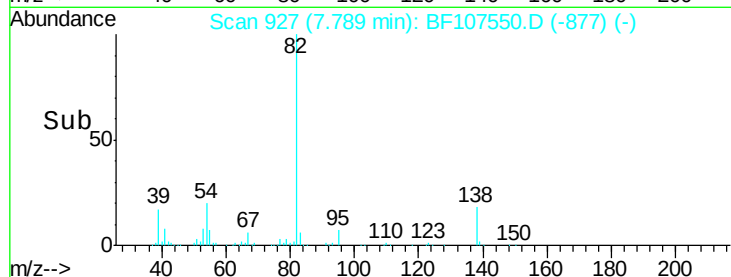
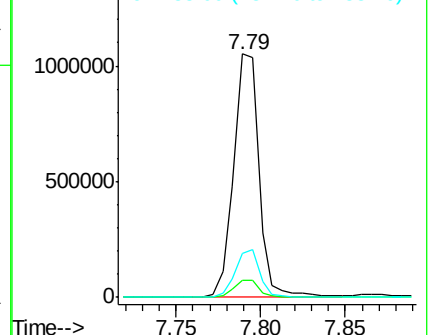
138 18.0 14.9 22.3



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: 35.824 ng

RT: 7.88 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

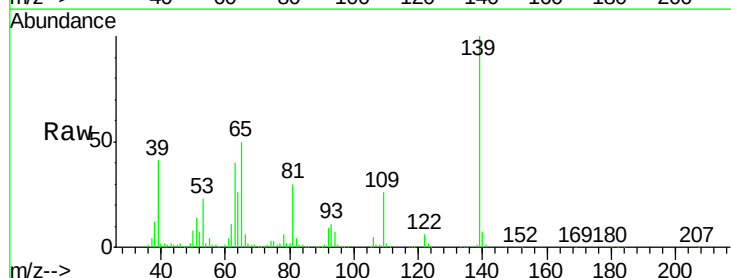
Tgt Ion: 139 Resp: 257248

Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

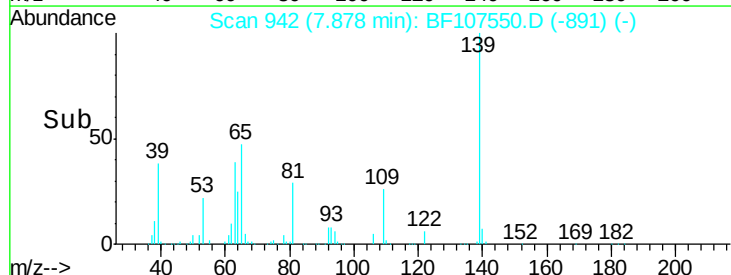
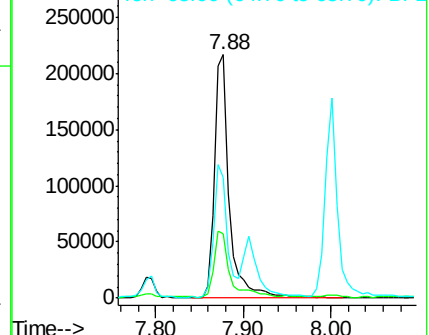
65 49.8 40.5 60.7

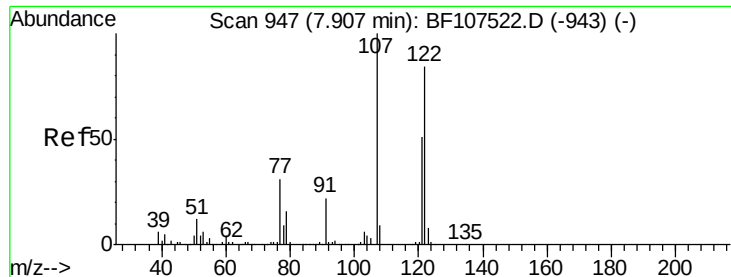


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

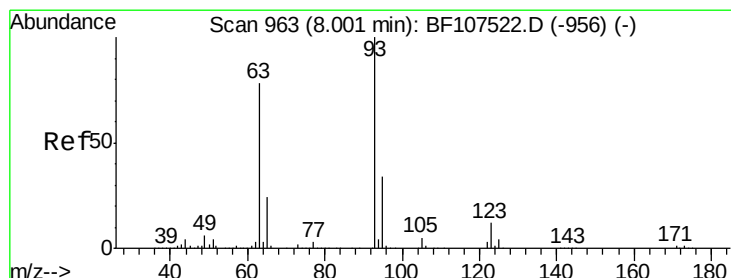
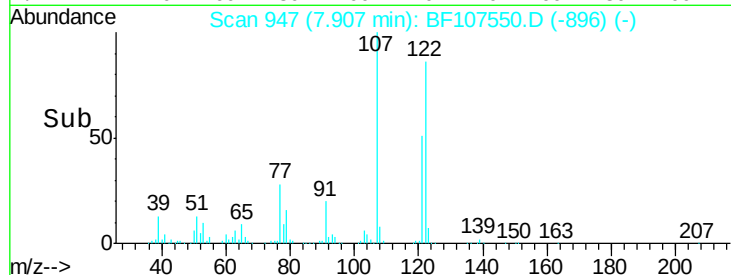
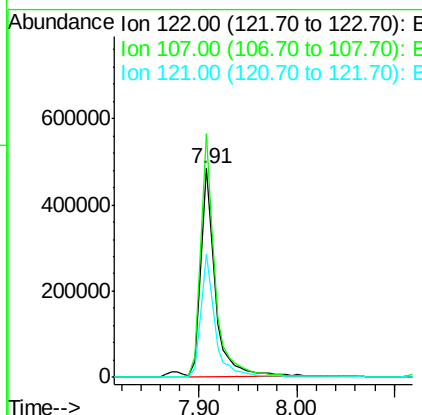
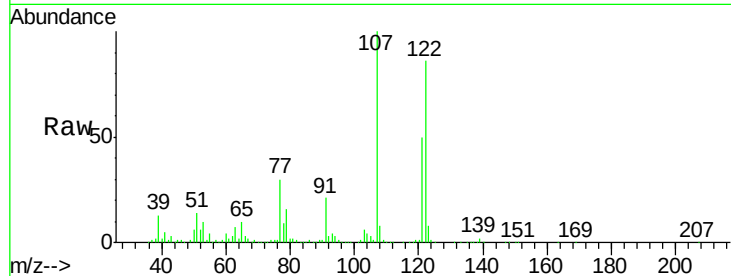




#27
 2,4-Dimethylphenol
 Concen: 37.101 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

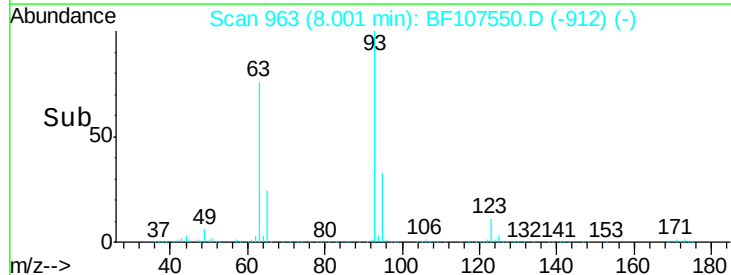
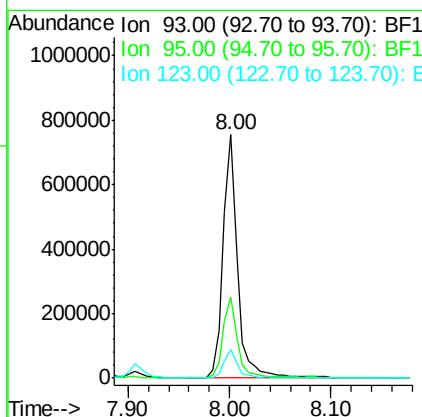
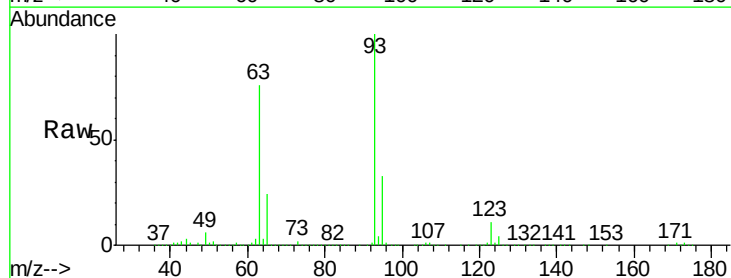
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

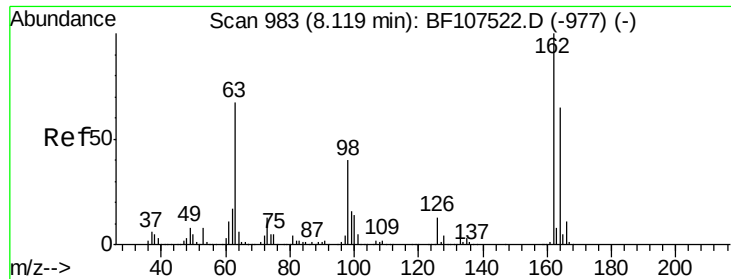
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.2	136.8
121	59.0	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.096 ng
 RT: 8.00 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.5	9.8	14.6

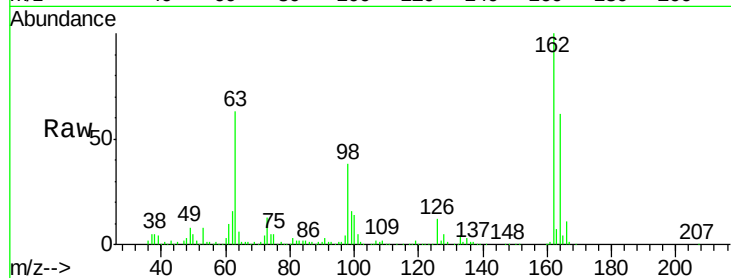




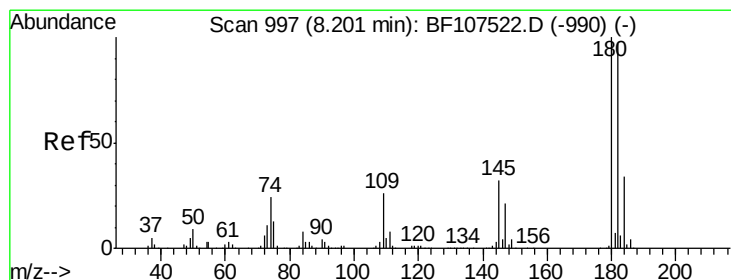
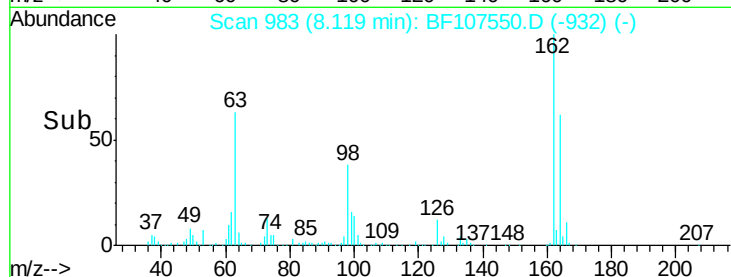
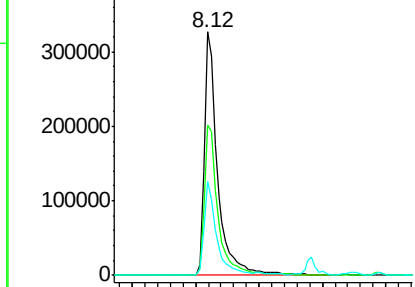
#29
2,4-Dichlorophenol
Concen: 33.951 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

Tgt Ion:162 Resp: 471683
Ion Ratio Lower Upper
162 100
164 61.5 42.7 82.7
98 38.3 18.1 58.1

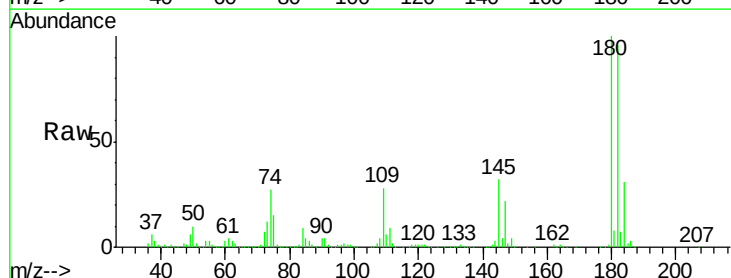


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

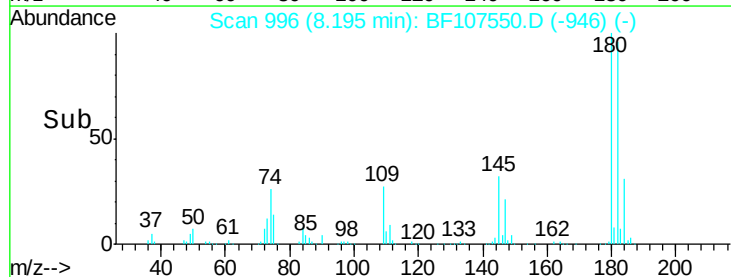
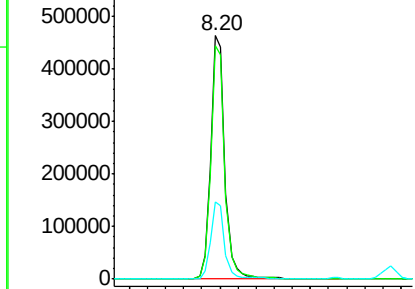


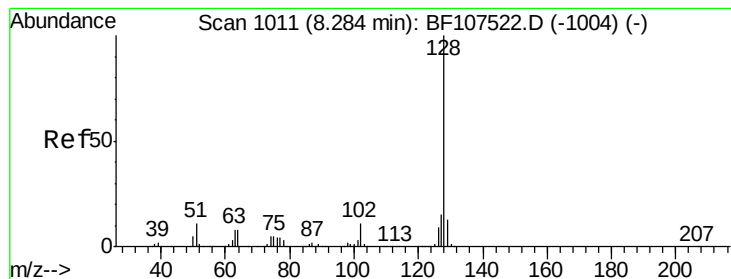
#30
1,2,4-Trichlorobenzene
Concen: 32.394 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:180 Resp: 505473
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 31.7 26.5 39.7



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





#31

Naphthalene

Concen: 38.432 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

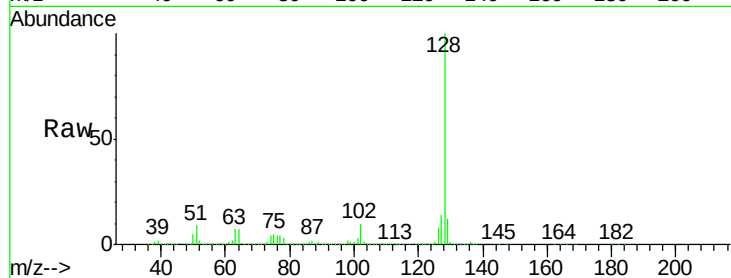
Tgt Ion:128 Resp: 1693270

Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

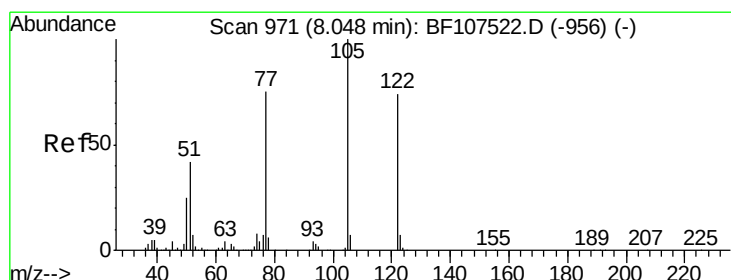
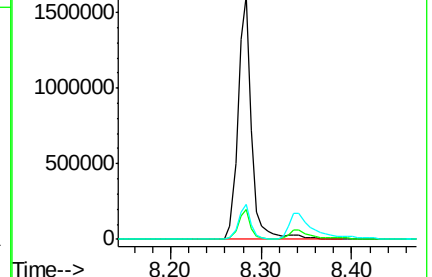
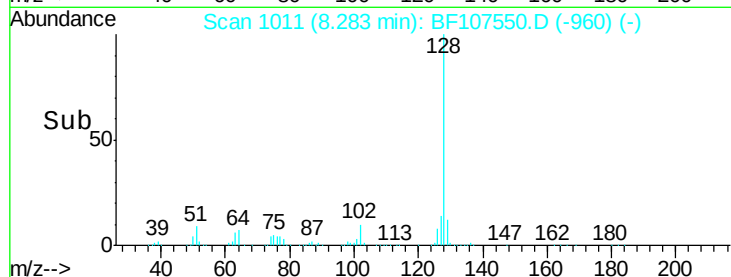
127 14.2 10.9 16.3



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: 52.297 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.14 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

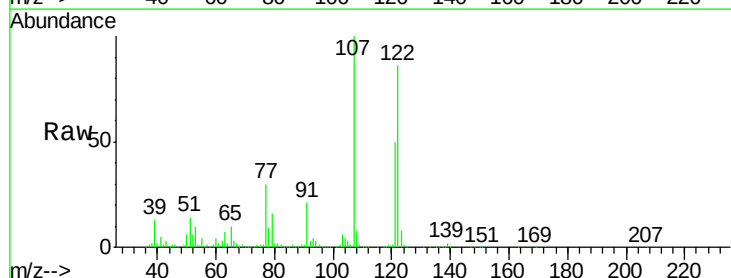
Tgt Ion:122 Resp: 504295

Ion Ratio Lower Upper

122 100

105 4.1 101.1 141.1#

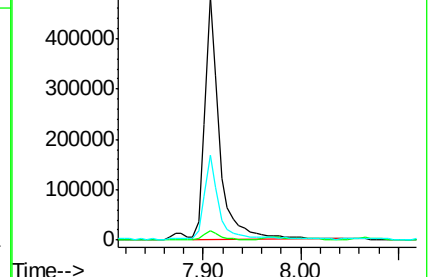
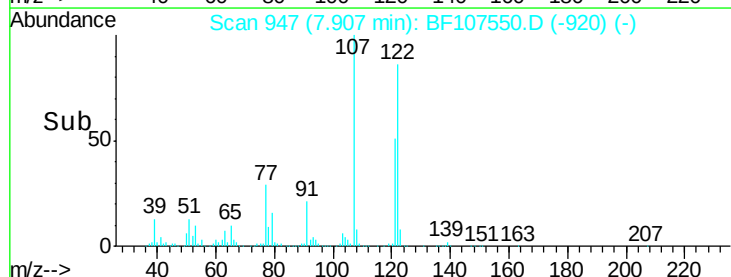
77 35.0 70.7 110.7#

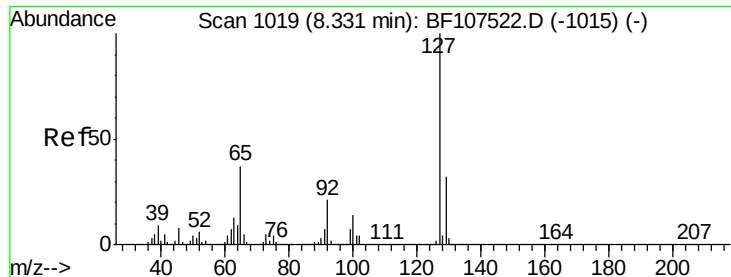


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

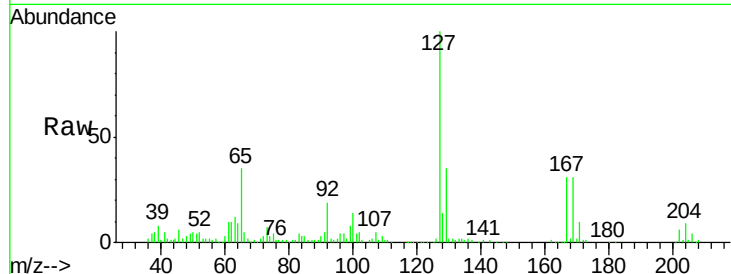




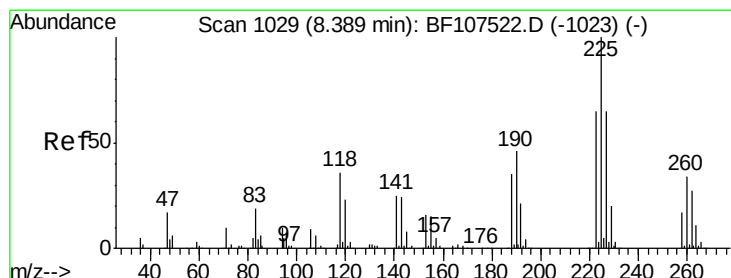
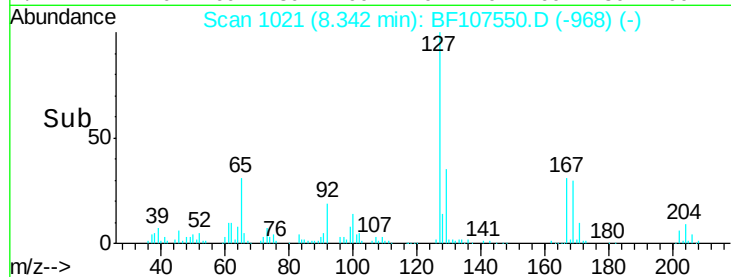
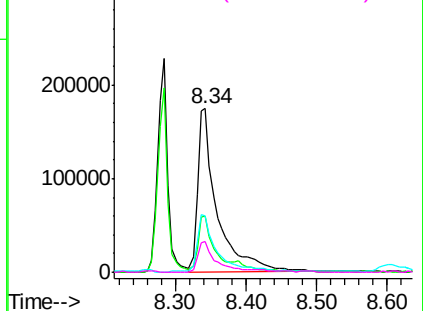
#33
4-Chloroaniline
Concen: 17.512 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

Tgt Ion:	127	Resp:	337228
Ion	Ratio	Lower	Upper
127	100		
129	34.9	25.9	38.9
65	34.7	25.0	37.4
92	18.5	15.2	22.8

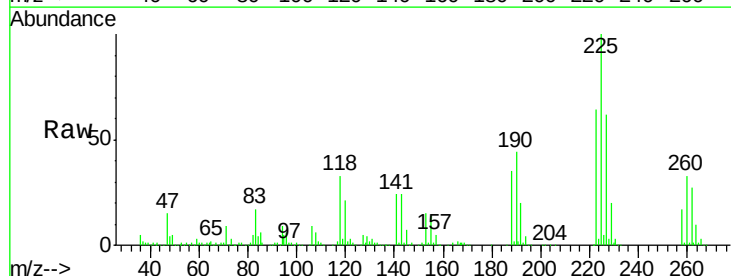


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

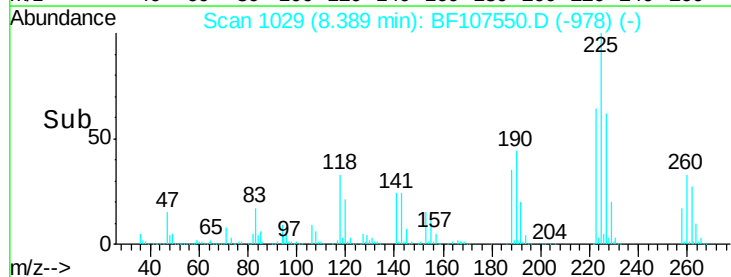
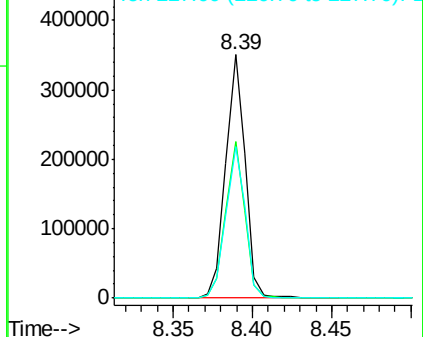


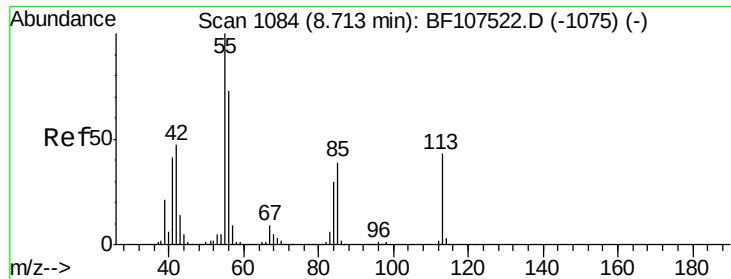
#34
Hexachlorobutadiene
Concen: 32.278 ng
RT: 8.39 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:	225	Resp:	299284
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	62.4	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

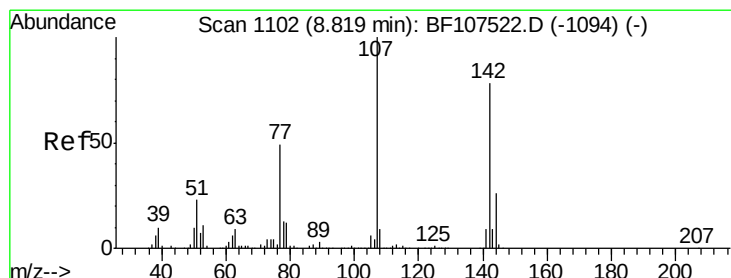
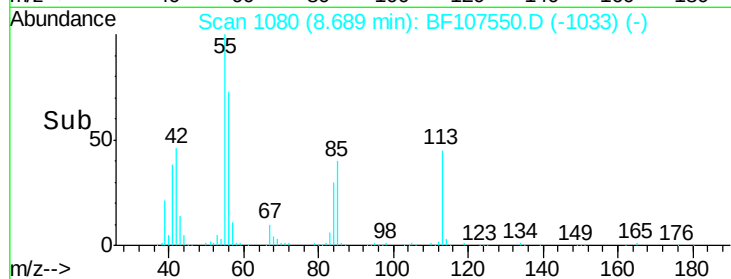
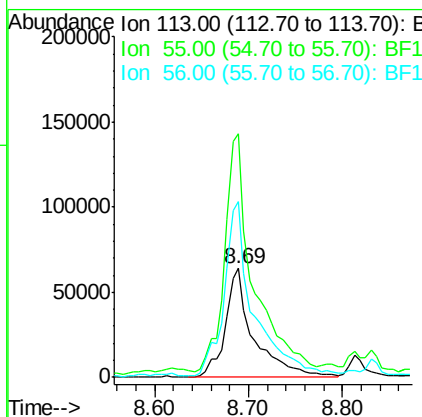
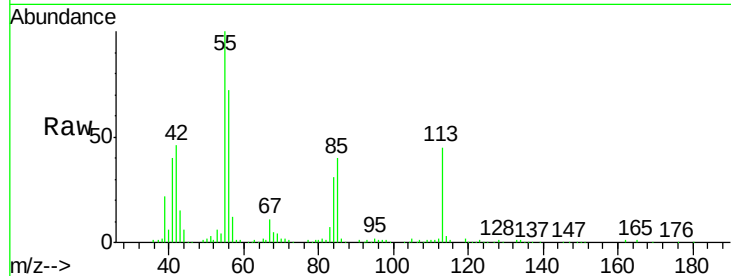




#35
 Caprolactam
 Concen: 29.856 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

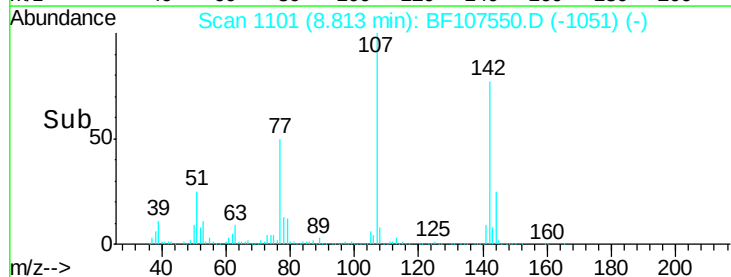
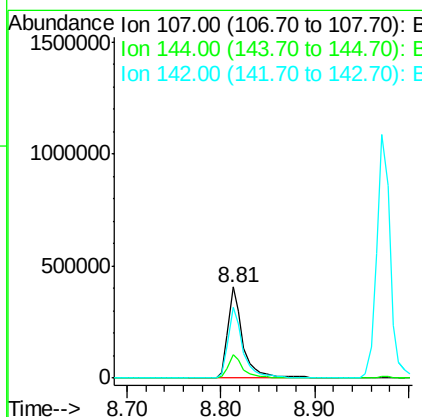
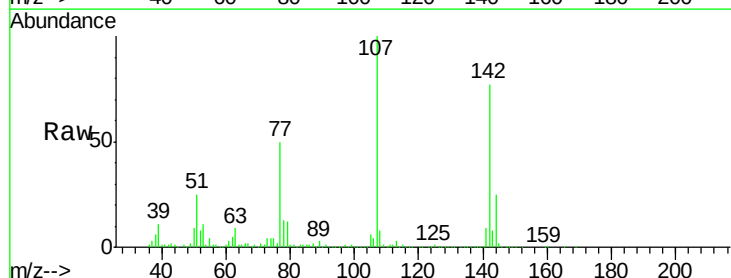
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

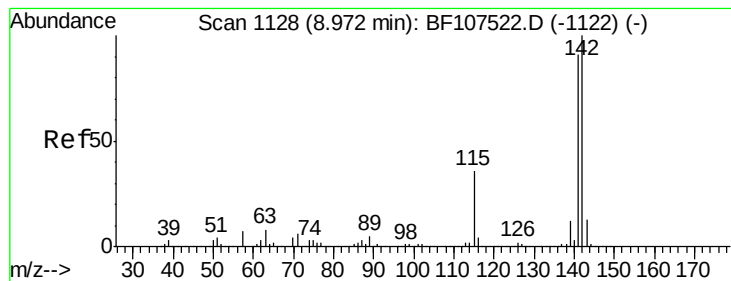
Tgt Ion:113 Resp: 134913
 Ion Ratio Lower Upper
 113 100
 55 223.7 163.3 203.3#
 56 161.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 29.047 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:107 Resp: 448267
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 77.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.592 ng

RT: 8.97 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

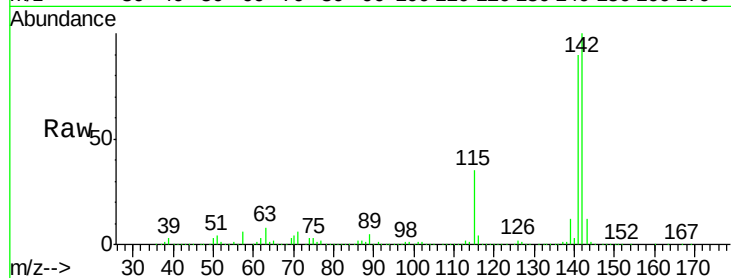
Tgt Ion:142 Resp: 1086666

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

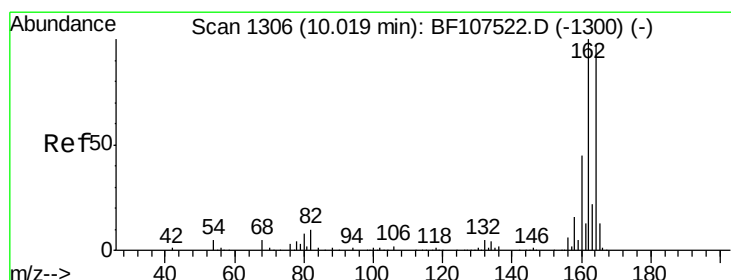
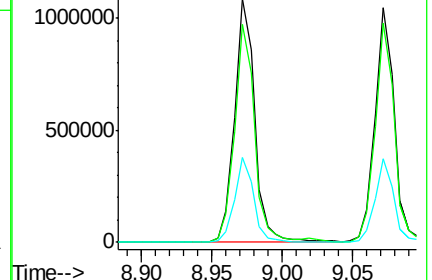
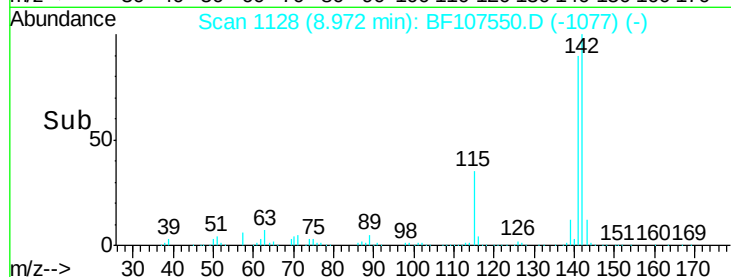
115 34.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

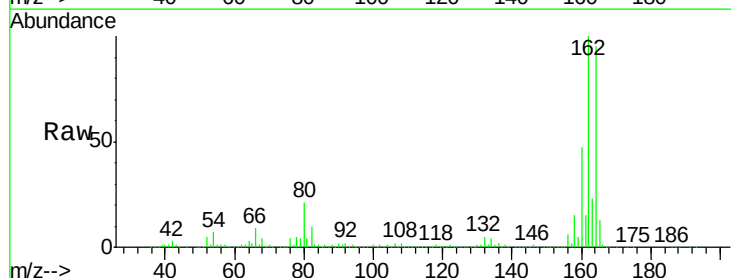
Tgt Ion:164 Resp: 368252

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

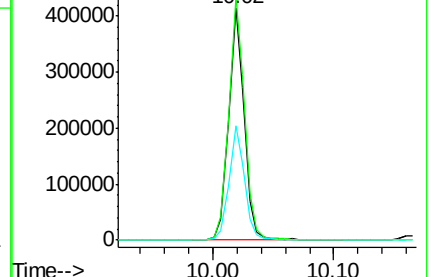
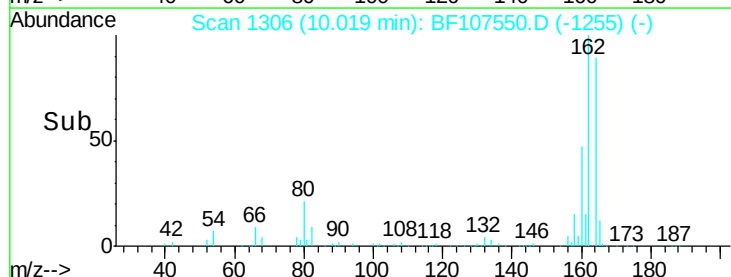
160 49.1 38.3 57.5

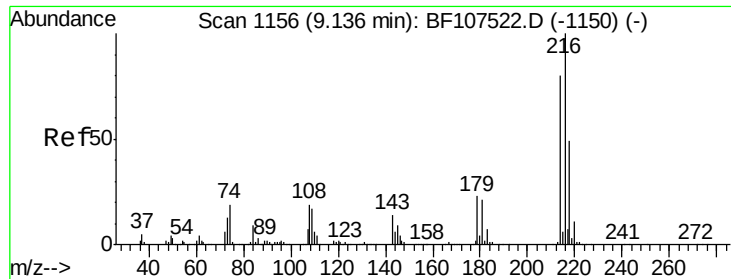


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

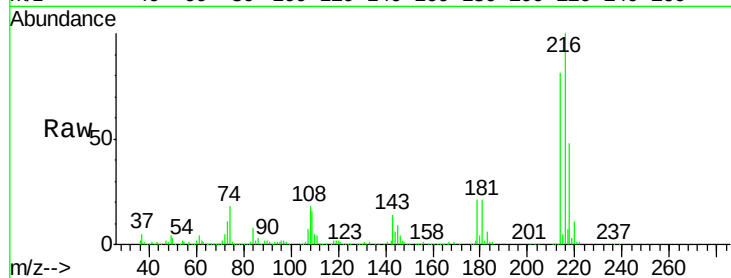




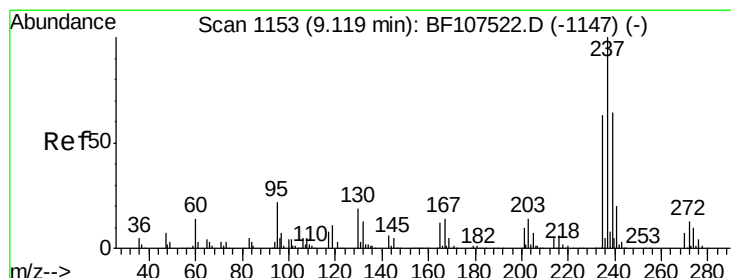
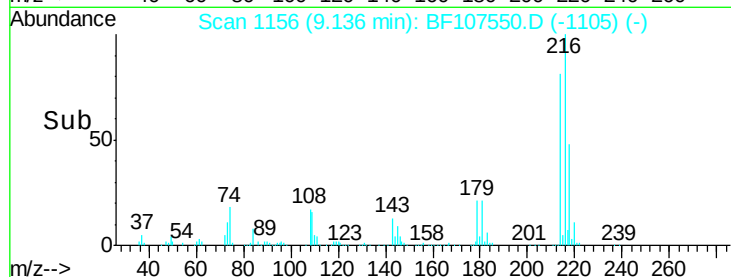
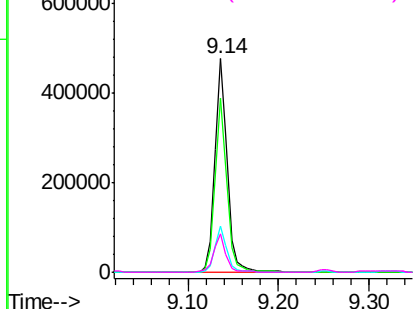
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.771 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

Tgt Ion:	216	Resp:	451650
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	21.1	18.1	27.1
108	17.7	17.2	25.8

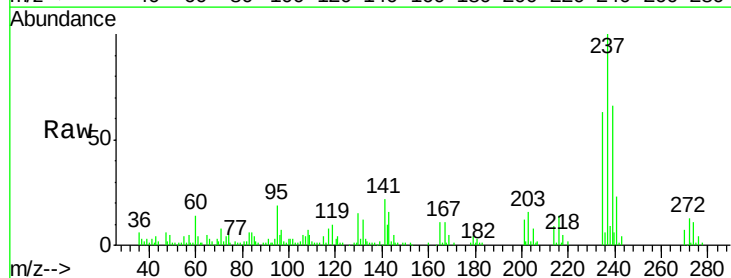


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

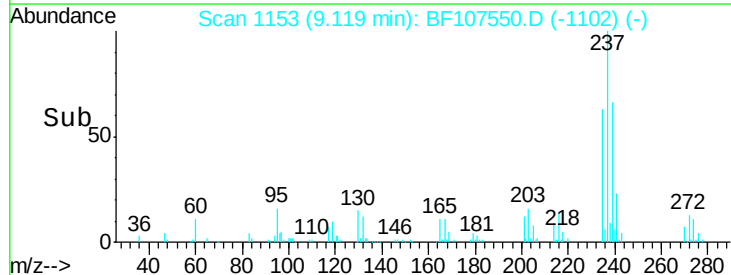
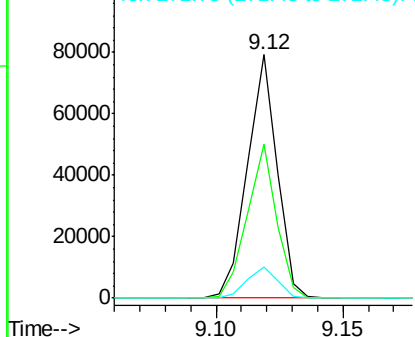


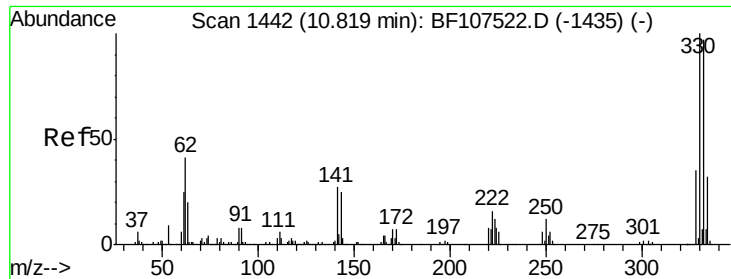
#40
 Hexachlorocyclopentadiene
 Concen: 10.368 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:	237	Resp:	64733
Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.8	84.8
272	12.9	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

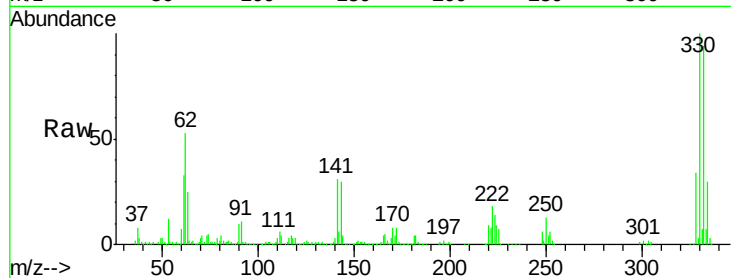




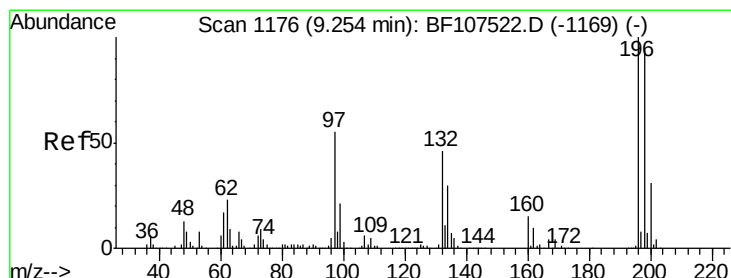
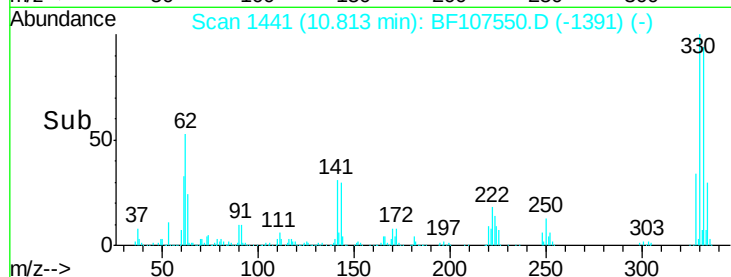
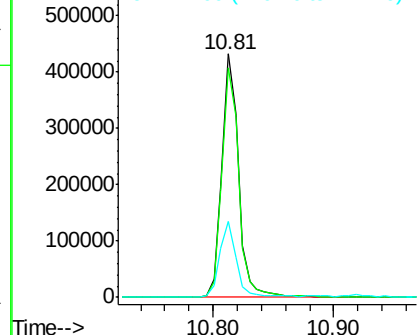
#41
 2,4,6-Tribromophenol
 Concen: 98.357 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

Tgt Ion:330 Resp: 411880
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 30.6 29.9 44.9

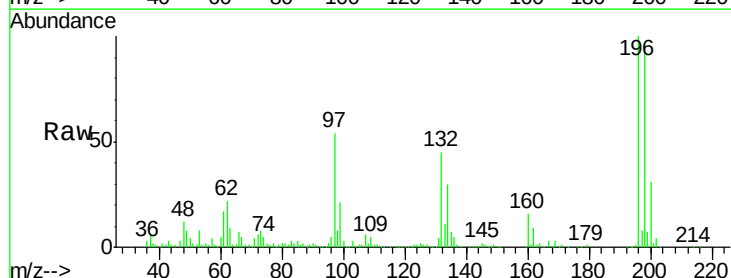


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

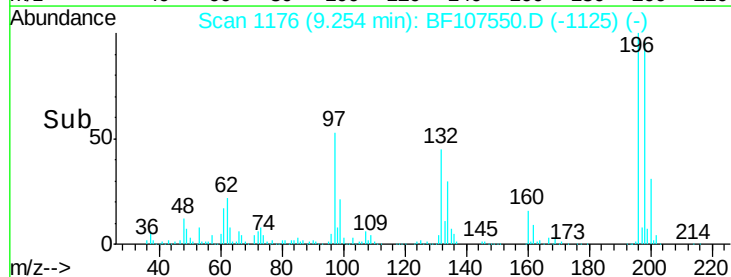
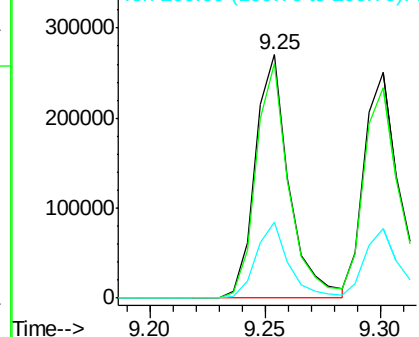


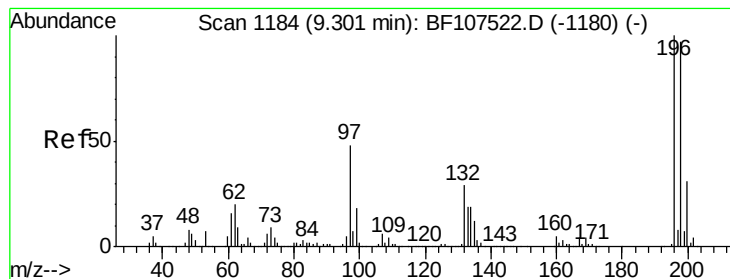
#42
 2,4,6-Trichlorophenol
 Concen: 35.277 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:196 Resp: 277350
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 31.0 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

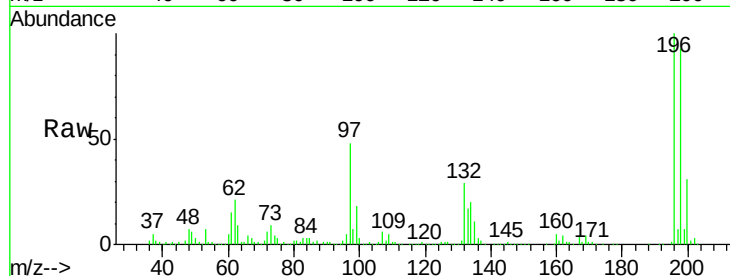




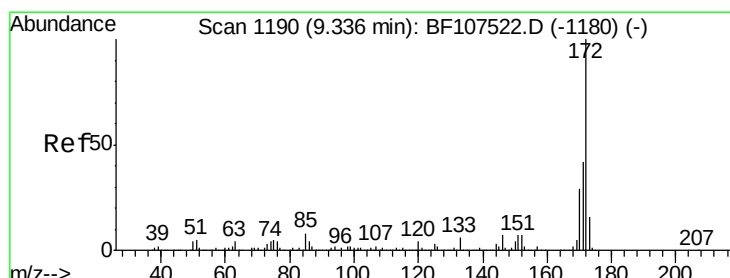
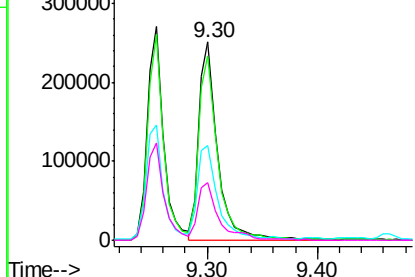
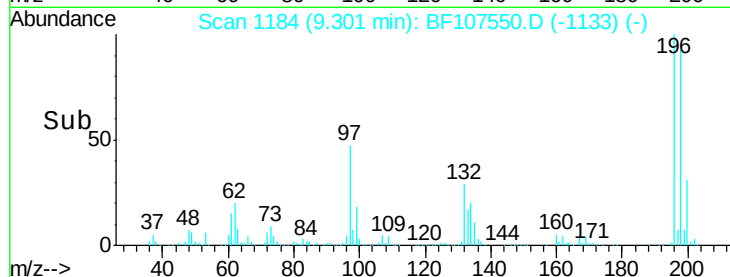
#43
 2,4,5-Trichlorophenol
 Concen: 34.719 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	47.6	42.9	64.3
132	29.1	26.3	39.5

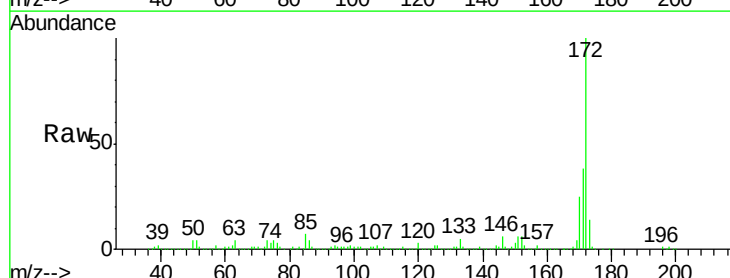


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

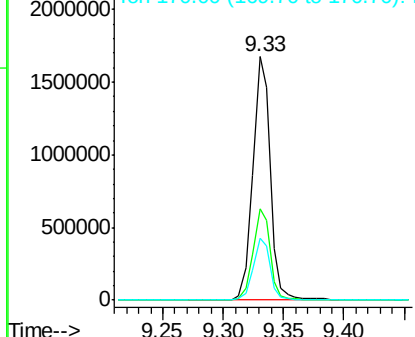
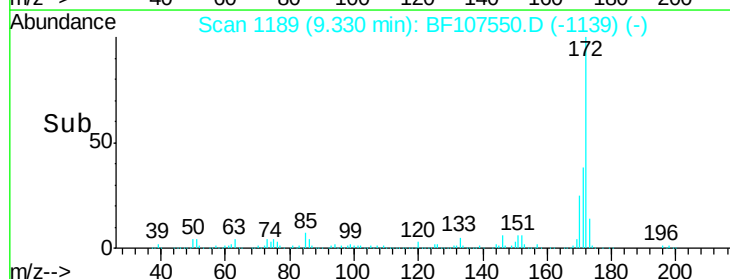


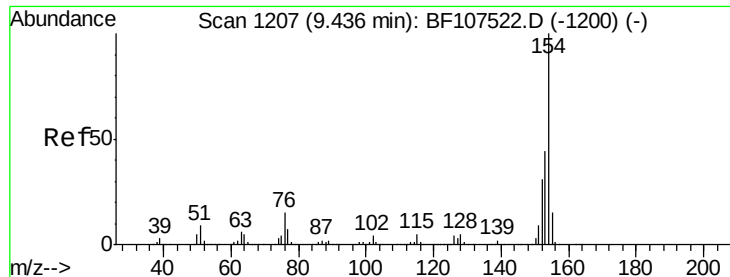
#44
 2-Fluorobiphenyl
 Concen: 77.050 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.4	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

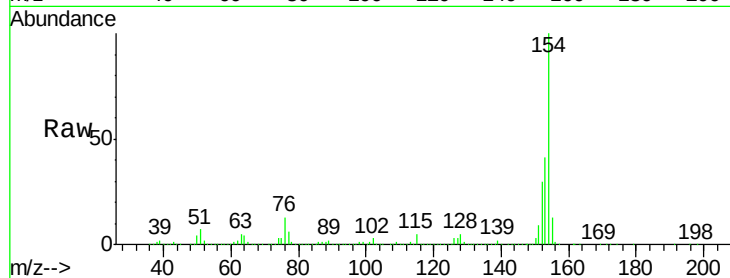




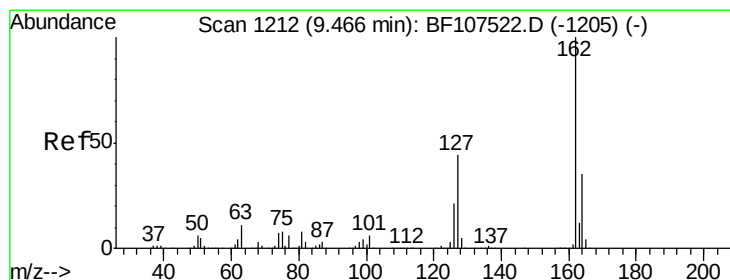
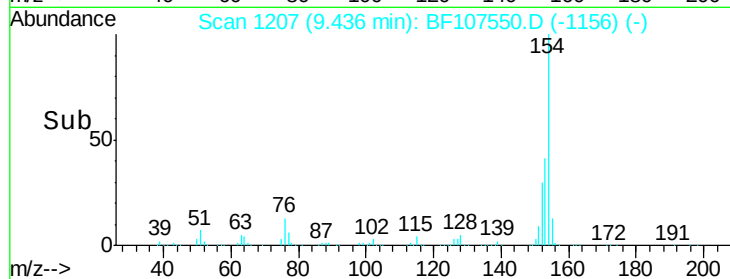
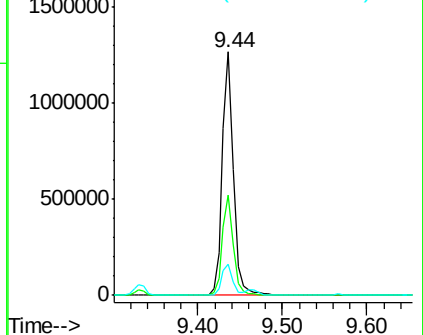
#45
 1,1'-Biphenyl
 Concen: 36.953 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

Tgt Ion:154 Resp: 1185402
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.0 0.0 34.0

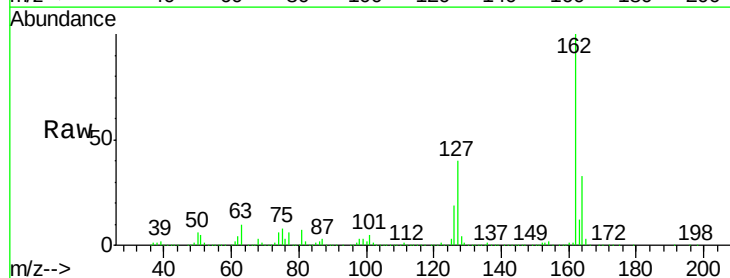


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

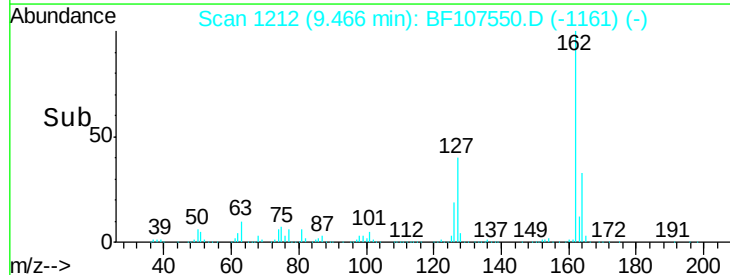
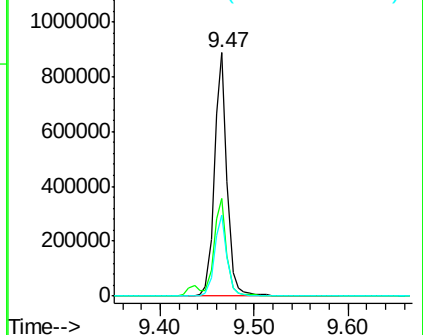


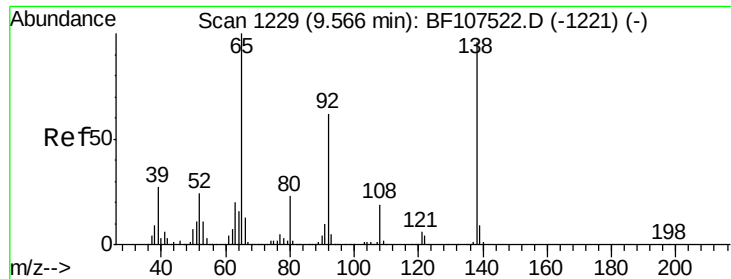
#46
 2-Chloronaphthalene
 Concen: 34.600 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:162 Resp: 848388
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.9 50.9
 164 33.2 26.5 39.7



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

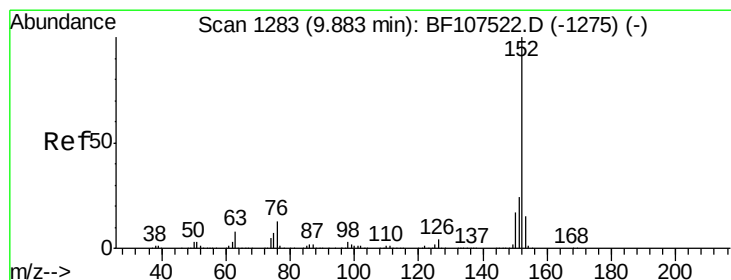
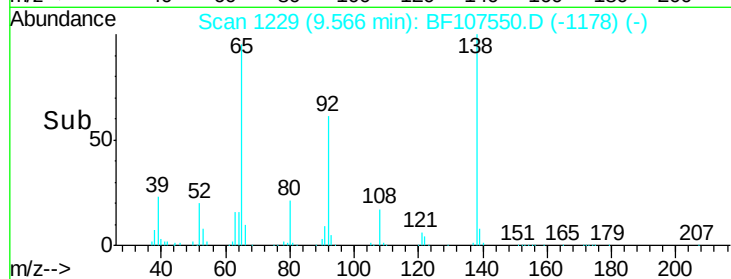
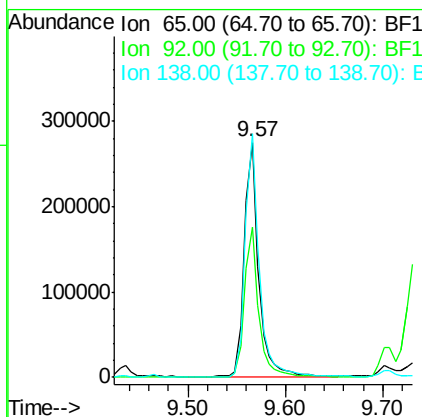
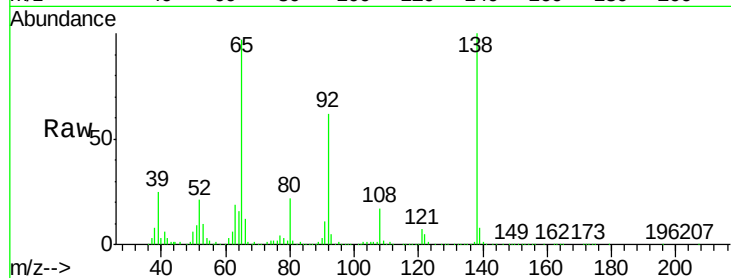




#47
2-Nitroaniline
Concen: 39.955 ng
RT: 9.57 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

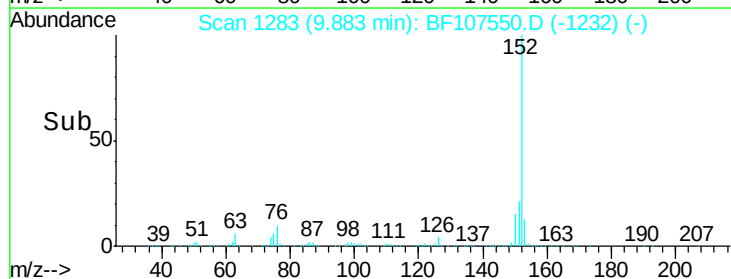
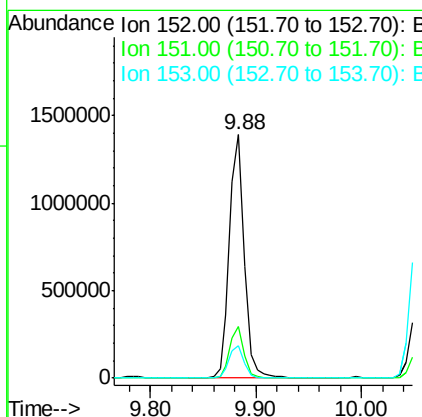
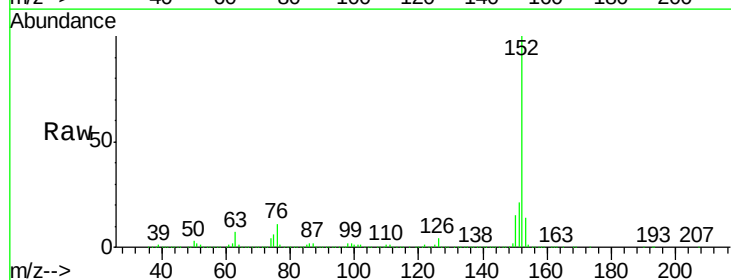
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

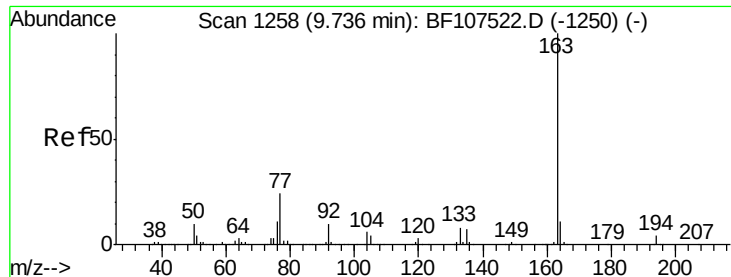
Tgt Ion: 65 Resp: 285616
Ion Ratio Lower Upper
65 100
92 63.8 55.8 83.6
138 103.6 91.2 136.8



#48
Acenaphthylene
Concen: 36.767 ng
RT: 9.88 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion: 152 Resp: 1354274
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.6 10.7 16.1

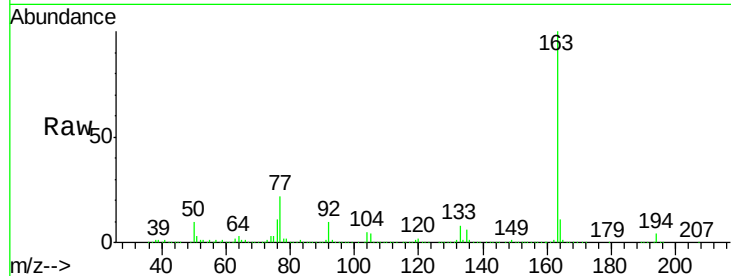




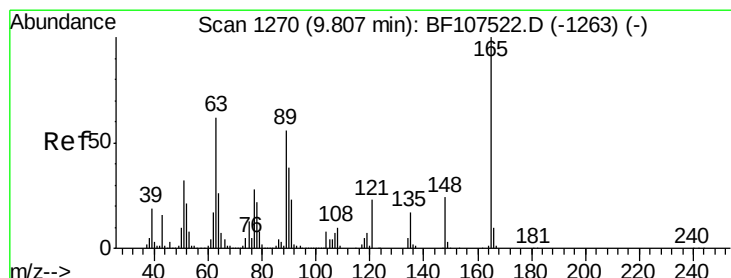
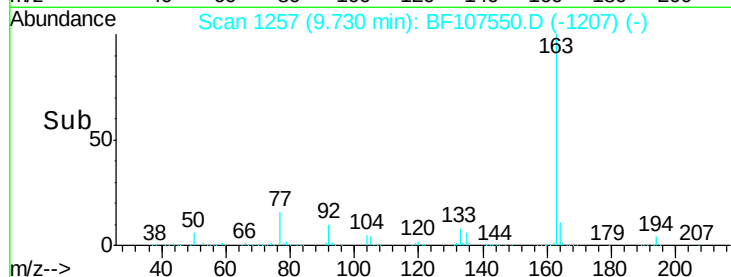
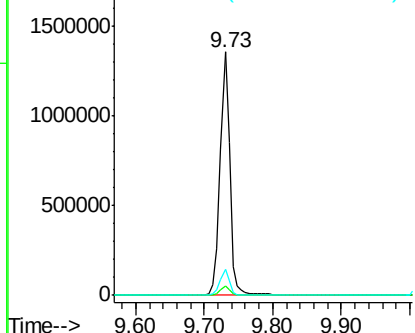
#49
Dimethylphthalate
Concen: 46.888 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

Tgt Ion:163 Resp: 1301318
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.2 12.2

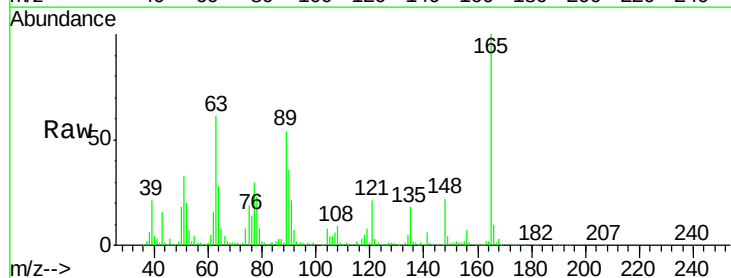


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

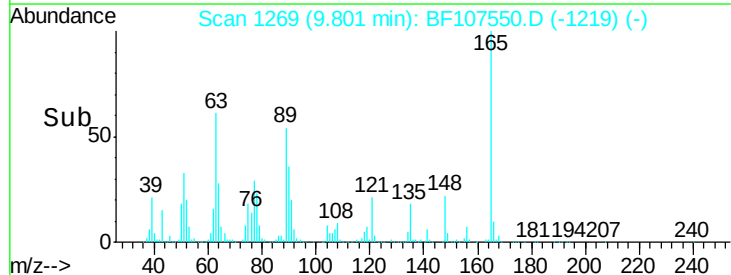
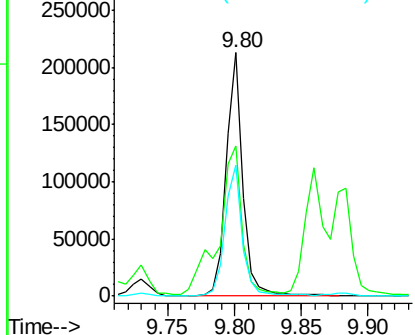


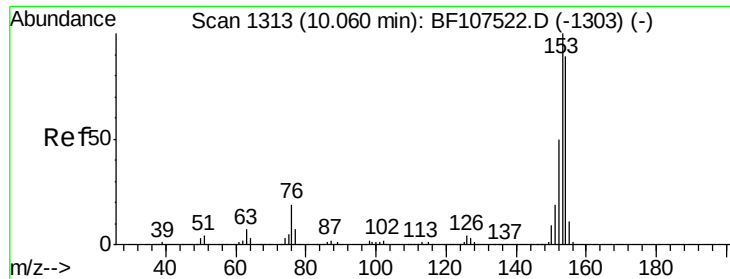
#50
2,6-Dinitrotoluene
Concen: 33.725 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:165 Resp: 185832
Ion Ratio Lower Upper
165 100
63 61.4 44.7 67.1
89 53.7 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: 33.206 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

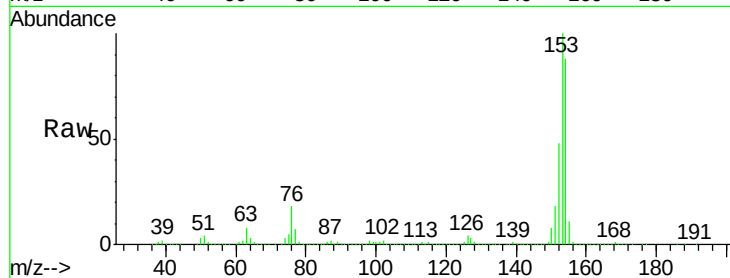
Tgt Ion:154 Resp: 766359

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

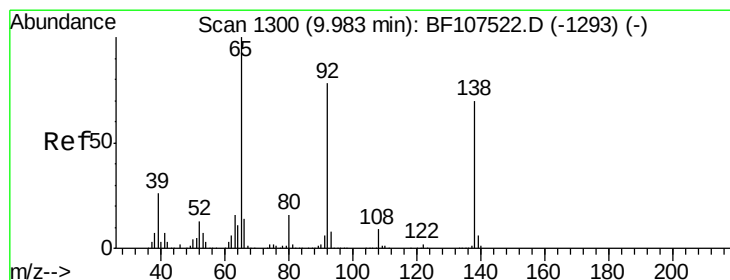
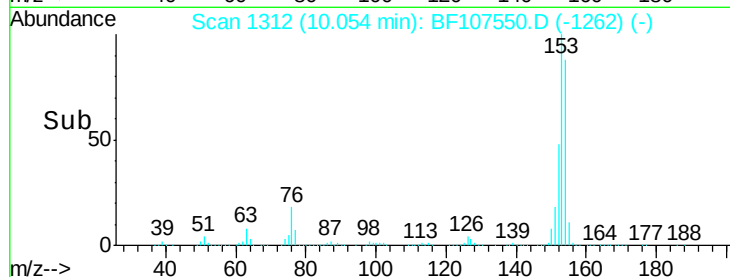
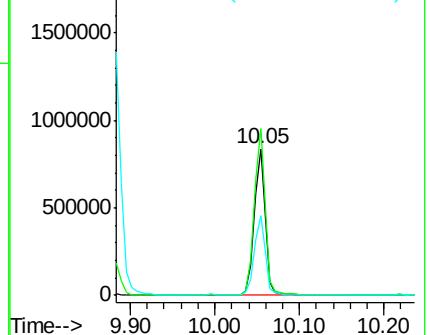
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.284 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

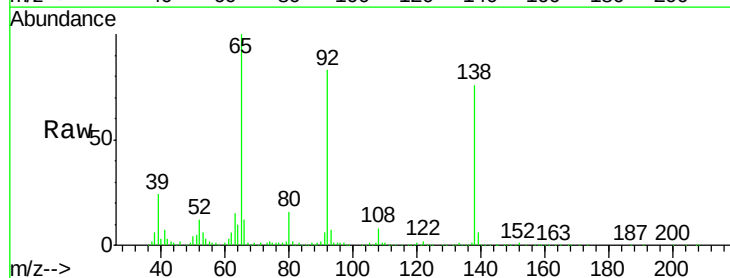
Tgt Ion:138 Resp: 203010

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

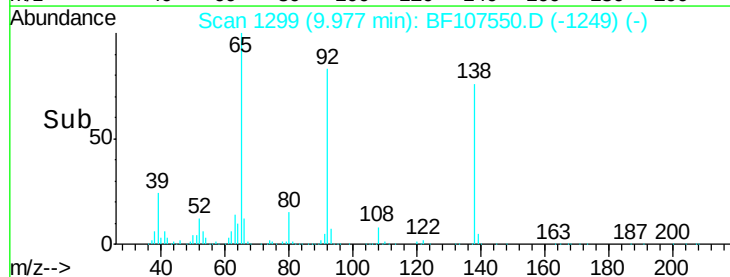
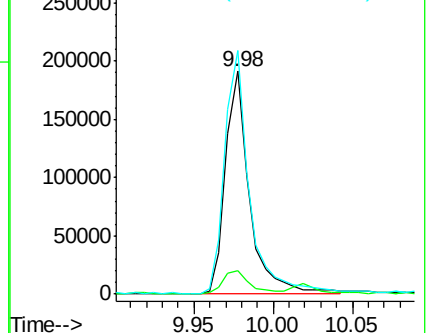
92 109.2 89.4 134.2

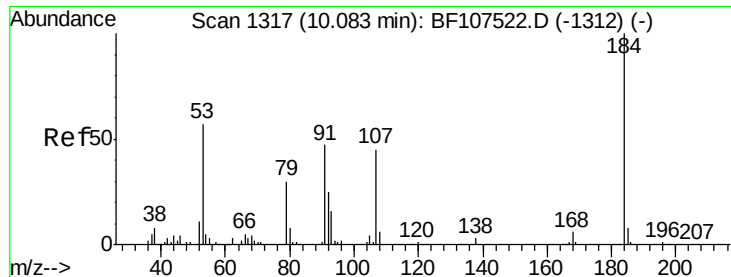


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

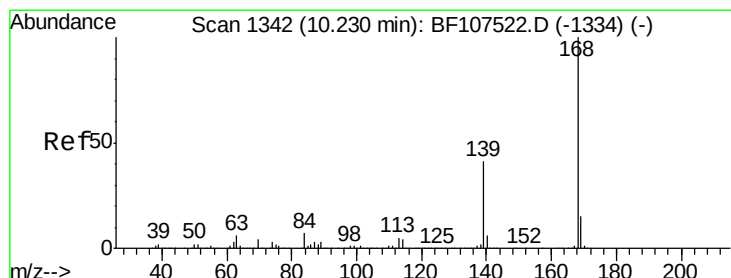
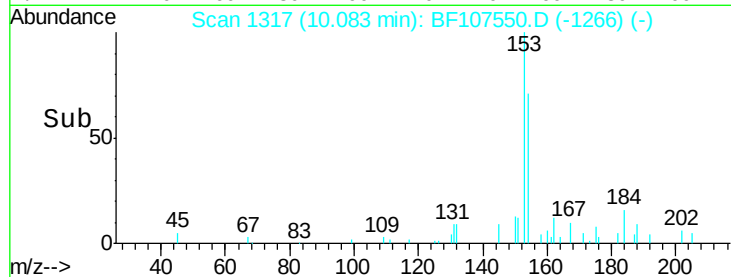
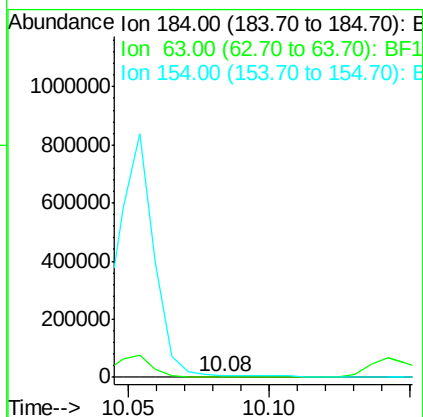
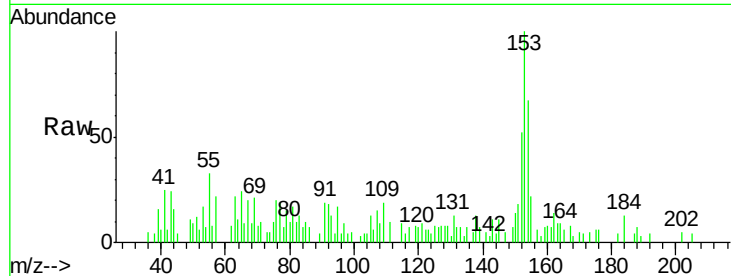




#53
2,4-Dinitrophenol
Concen: 9.164 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

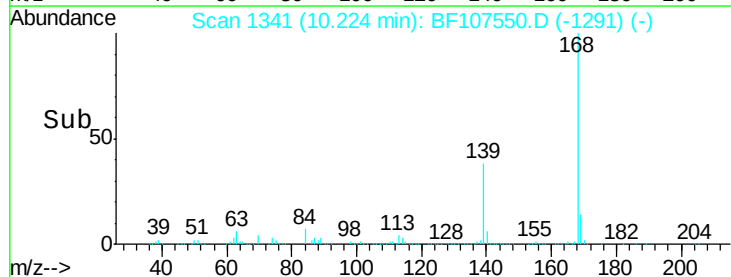
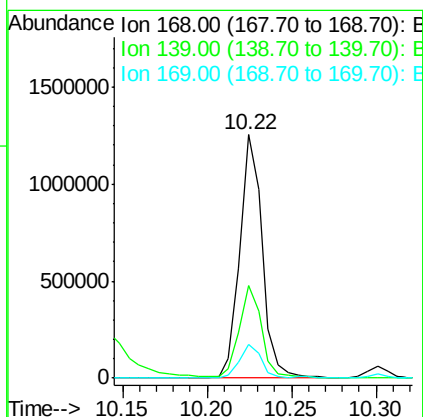
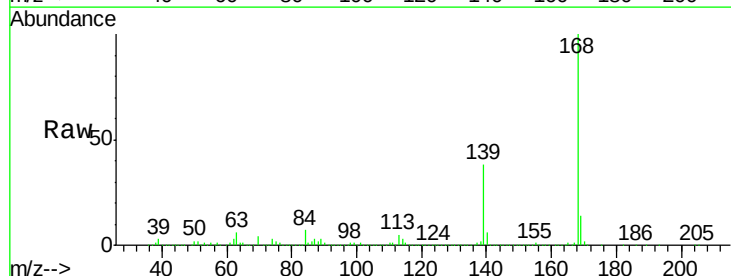
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

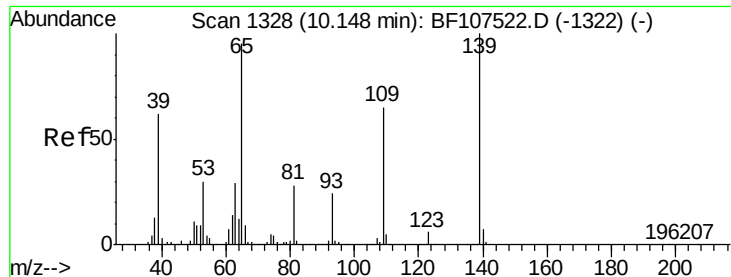
Tgt Ion:184 Resp: 1663
Ion Ratio Lower Upper
184 100
63 172.4 54.2 81.2#
154 521.3 184.0 276.0#



#54
Dibenzofuran
Concen: 34.156 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:168 Resp: 1160487
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.9 10.9 16.3

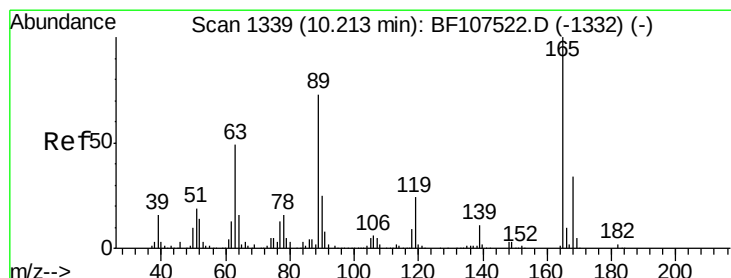
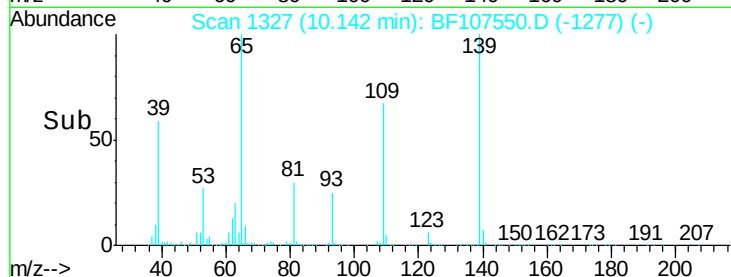
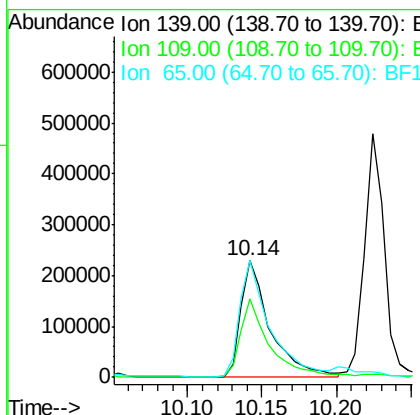
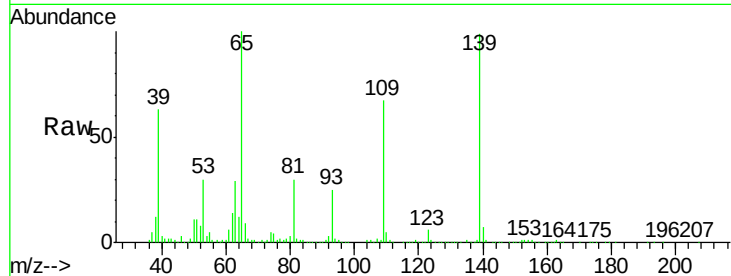




#55
4-Nitrophenol
Concen: 63.060 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

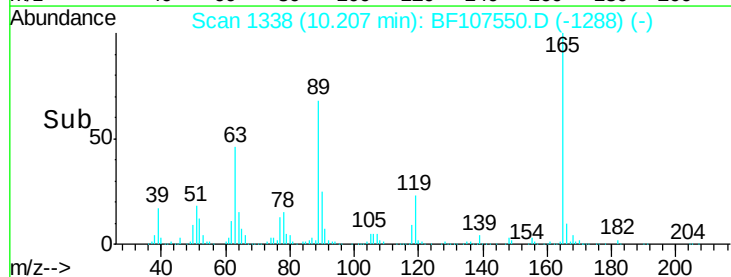
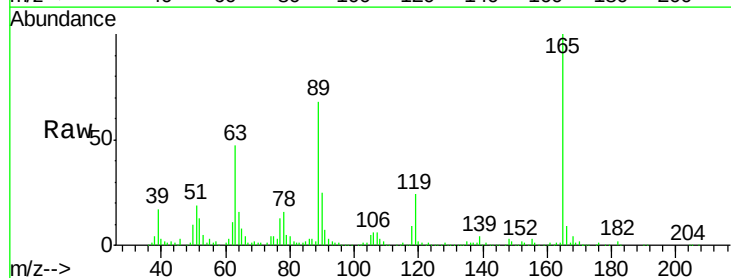
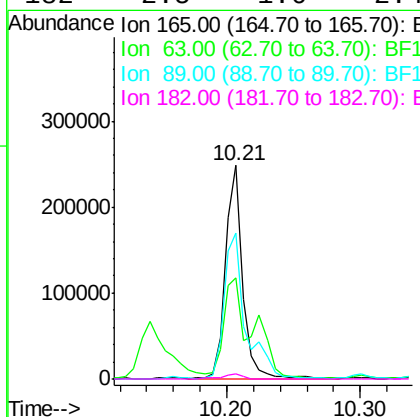
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

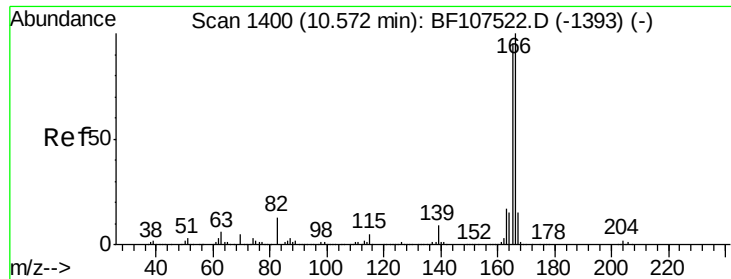
Tgt Ion:139 Resp: 316498
Ion Ratio Lower Upper
139 100
109 67.6 48.4 88.4
65 100.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.599 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:165 Resp: 223479
Ion Ratio Lower Upper
165 100
63 47.2 36.4 54.6
89 68.3 57.8 86.6
182 2.5 1.6 2.4#

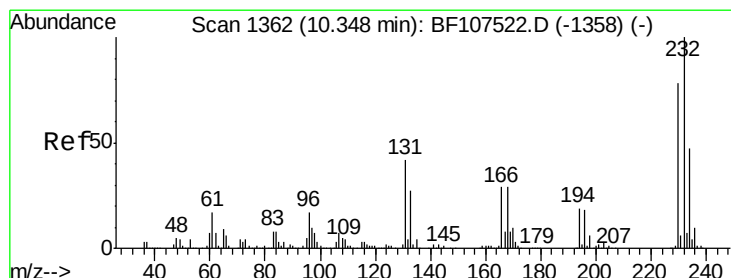
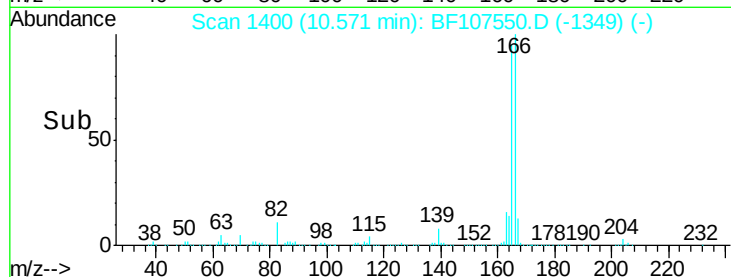
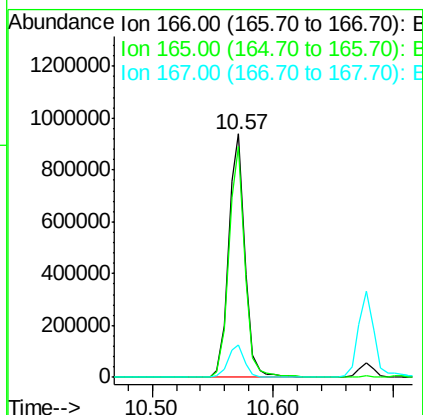
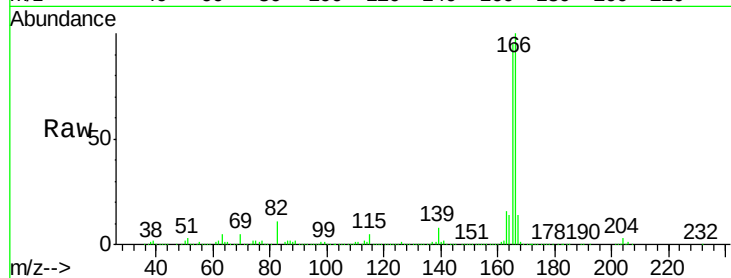




#57
 Fluorene
 Concen: 36.018 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

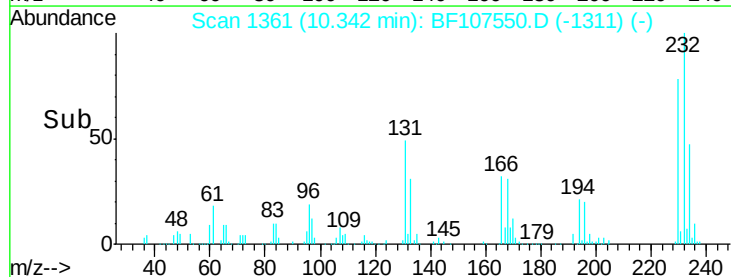
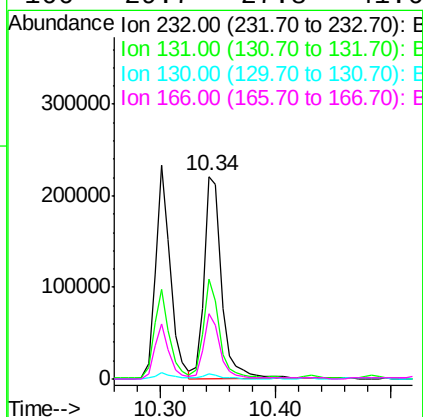
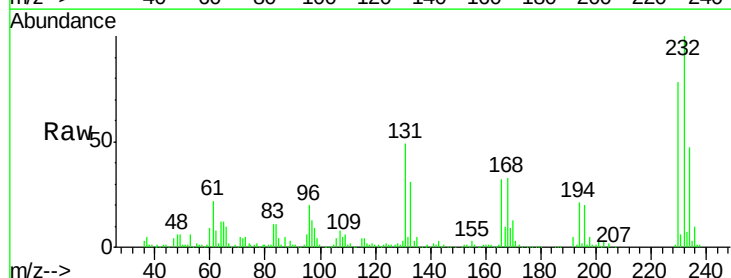
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

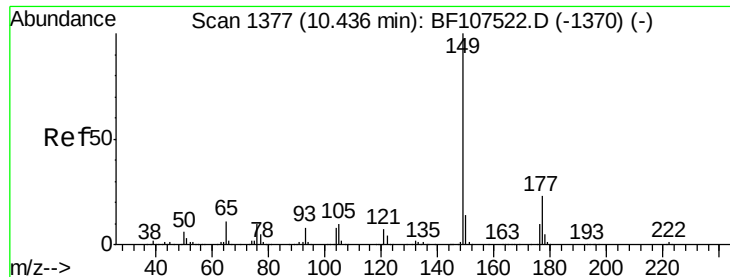
Tgt Ion:166 Resp: 873059
 Ion Ratio Lower Upper
 166 100
 165 94.8 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.402 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:232 Resp: 235259
 Ion Ratio Lower Upper
 232 100
 131 43.7 43.8 65.8#
 130 3.0 2.1 3.1
 166 29.7 27.8 41.6

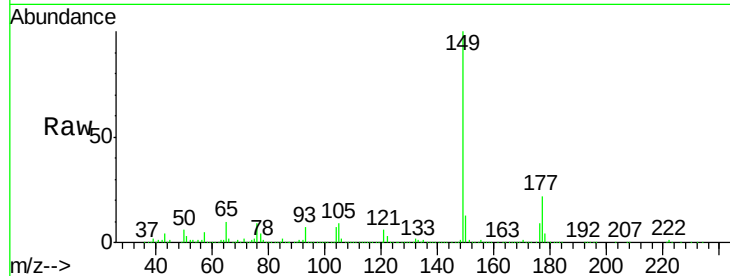




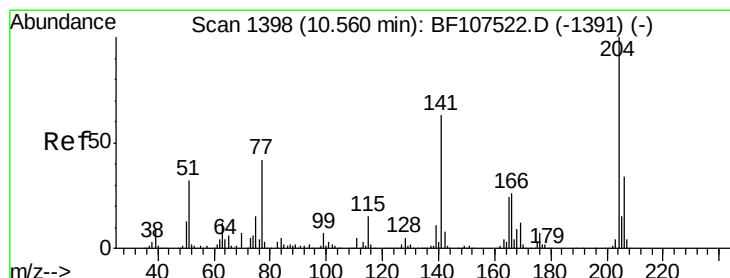
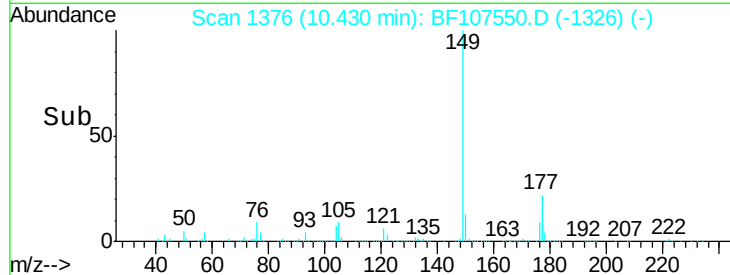
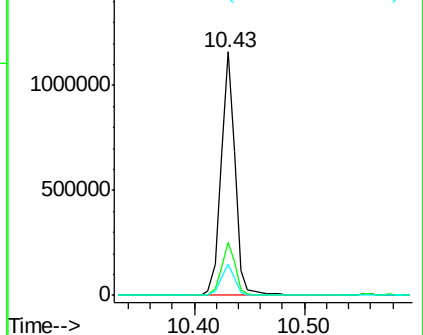
#59
Diethylphthalate
Concen: 35.313 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

Tgt Ion:149 Resp: 1023582
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.9 10.1 15.1

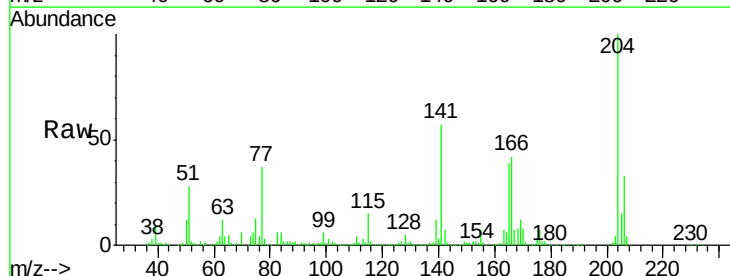


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

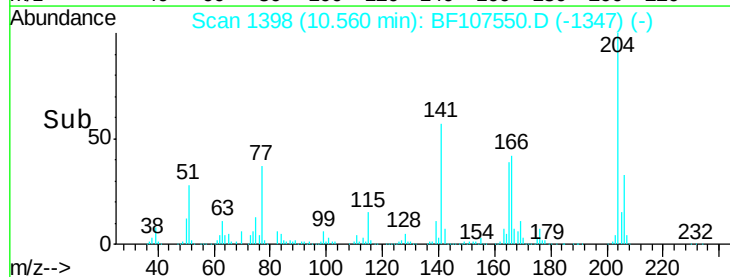
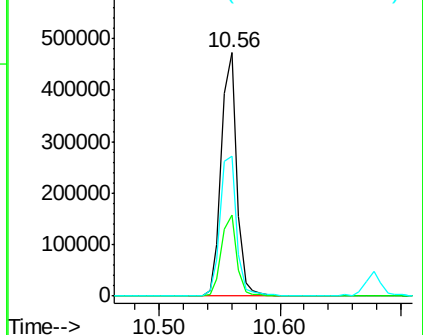


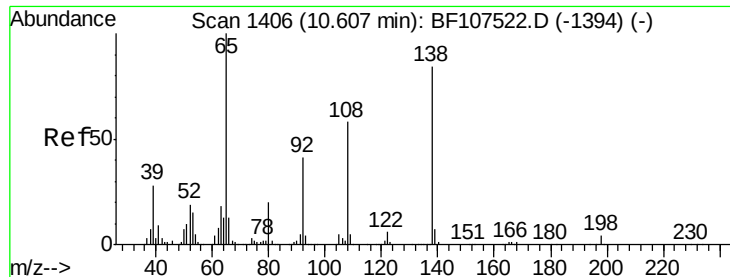
#60
4-Chlorophenyl-phenylether
Concen: 30.481 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:204 Resp: 417690
Ion Ratio Lower Upper
204 100
206 33.3 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

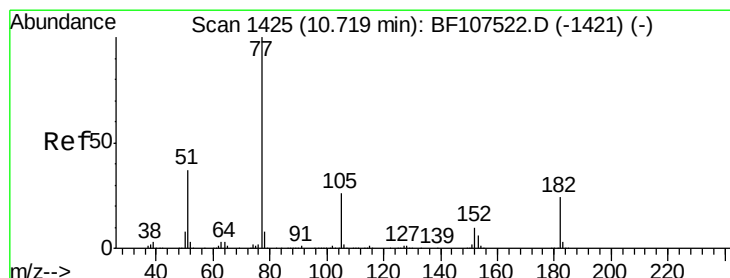
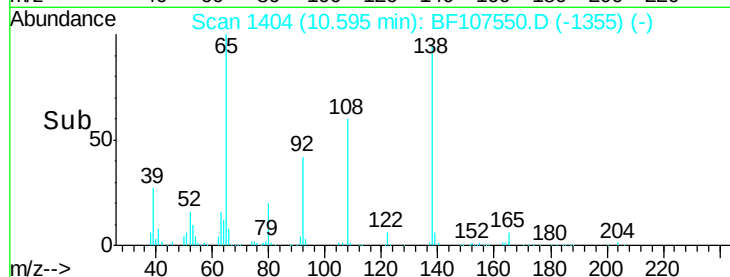
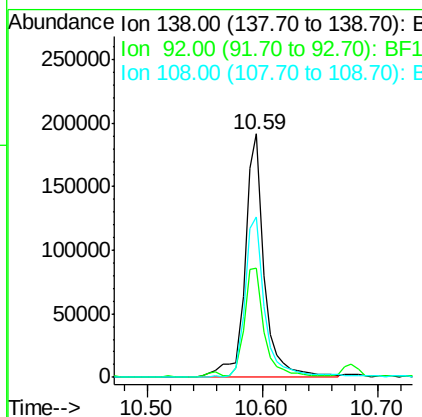
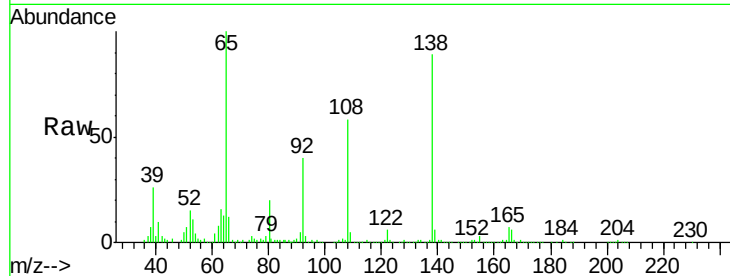




#61
4-Nitroaniline
Concen: 39.741 ng
RT: 10.59 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

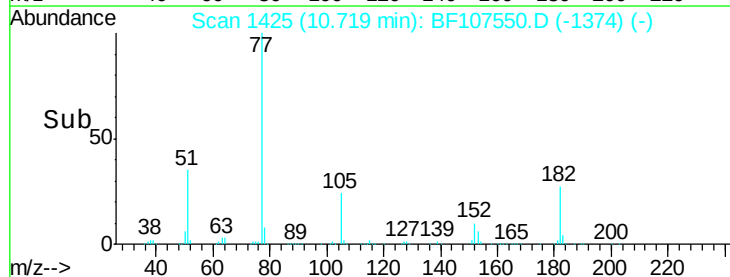
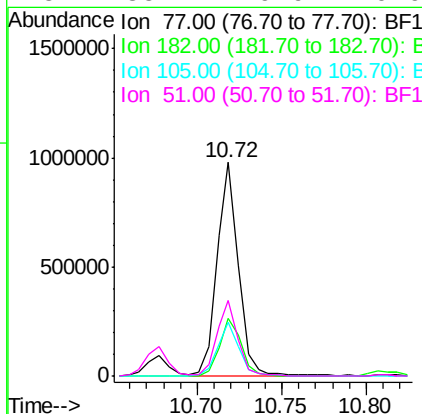
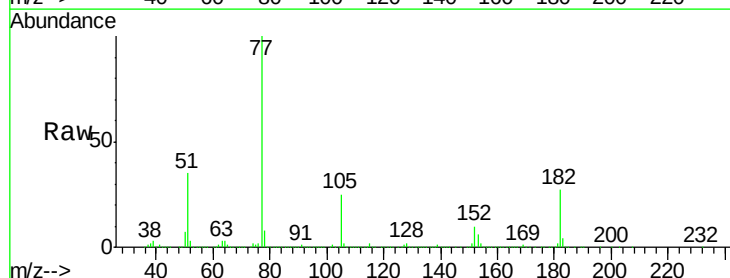
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

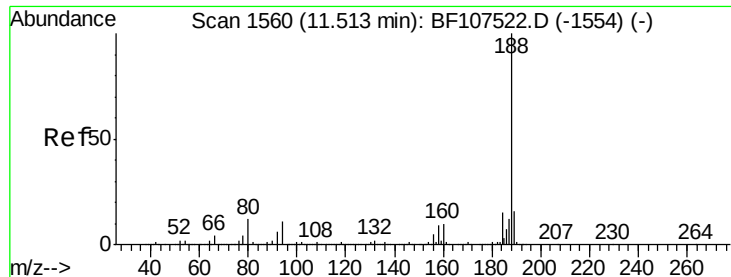
Tgt Ion: 138 Resp: 223824
Ion Ratio Lower Upper
138 100
92 44.9 30.2 70.2
108 65.7 52.5 92.5



#62
Azobenzene
Concen: 31.462 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion: 77 Resp: 855127
Ion Ratio Lower Upper
77 100
182 26.7 1.7 41.7
105 25.4 3.0 43.0
51 35.1 9.9 49.9

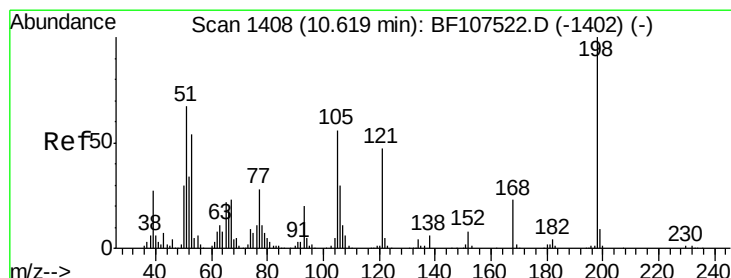
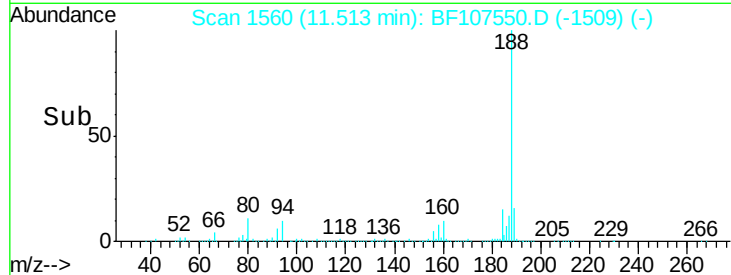
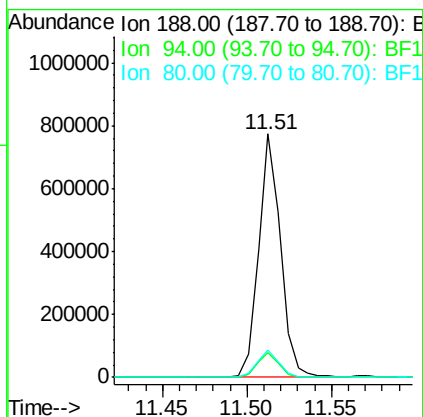
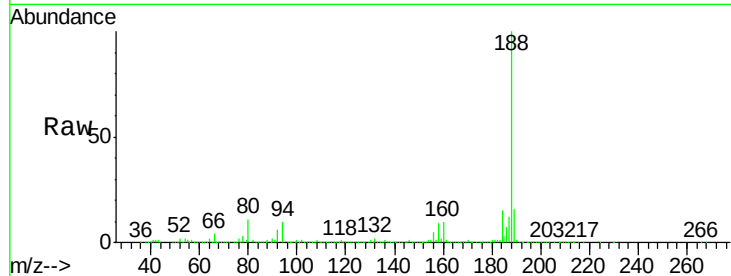




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

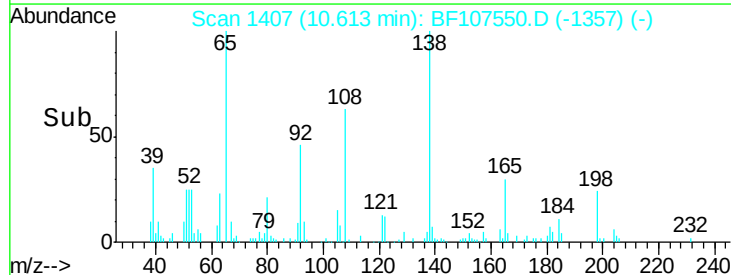
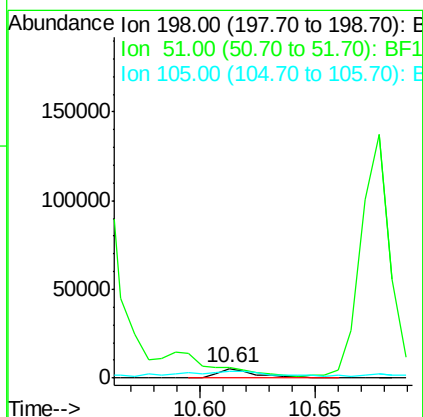
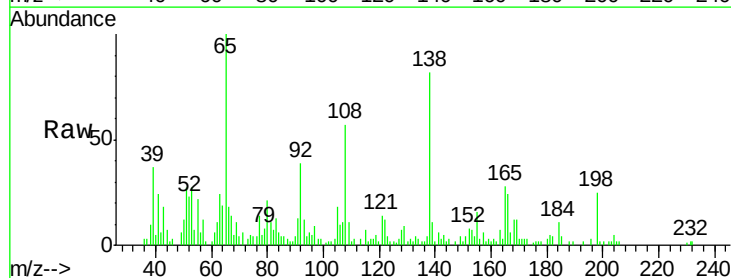
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

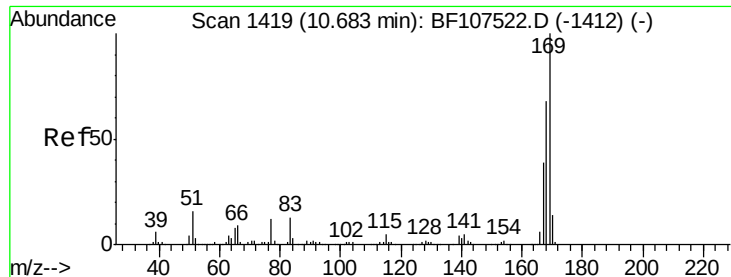
Tgt Ion:188 Resp: 699802
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 10.066 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:198 Resp: 5714
Ion Ratio Lower Upper
198 100
51 109.2 37.7 77.7#
105 71.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 32.965 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-OMS

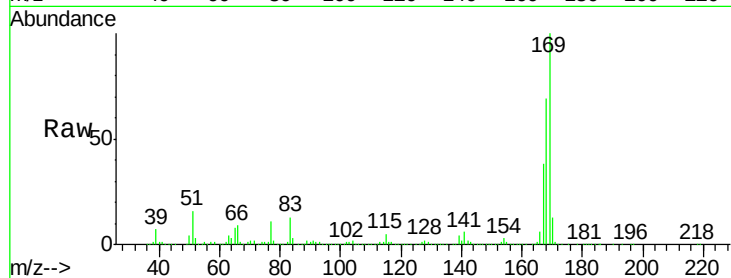
Tgt Ion:169 Resp: 783487

Ion Ratio Lower Upper

169 100

168 68.9 54.4 81.6

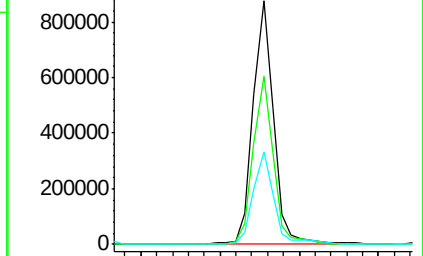
167 37.9 29.8 44.6



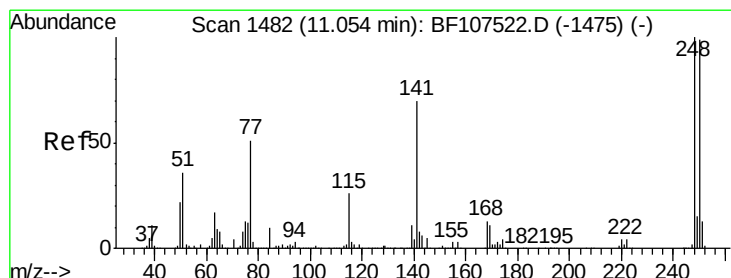
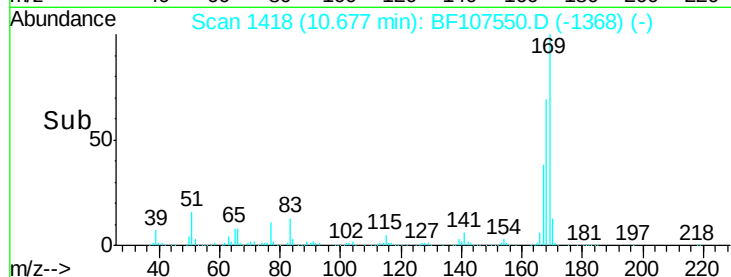
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 30.900 ng

RT: 11.05 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

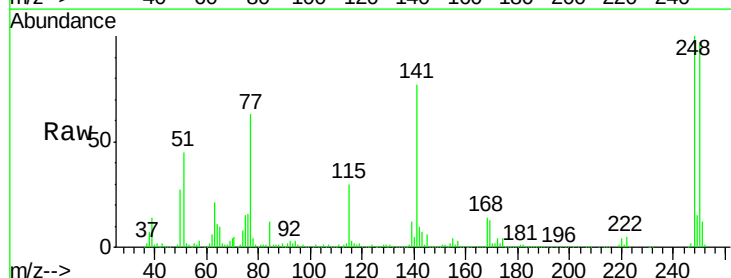
Tgt Ion:248 Resp: 254549

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

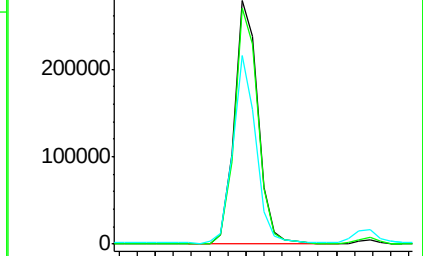
141 77.3 74.4 111.6



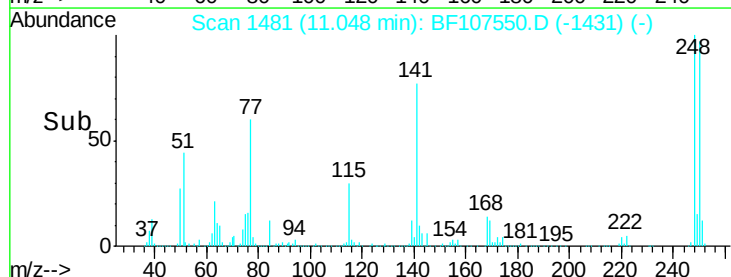
Abundance Ion 248.00 (247.70 to 248.70): E

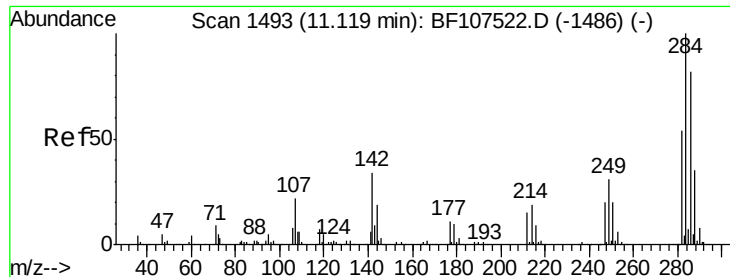
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#67

Hexachlorobenzene

Concen: 29.954 ng

RT: 11.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

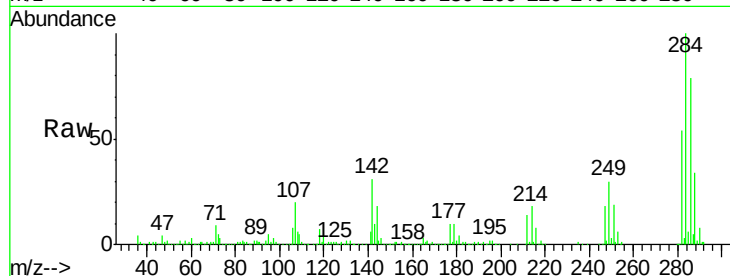
Tgt Ion: 284 Resp: 271507

Ion Ratio Lower Upper

284 100

142 31.4 34.6 52.0#

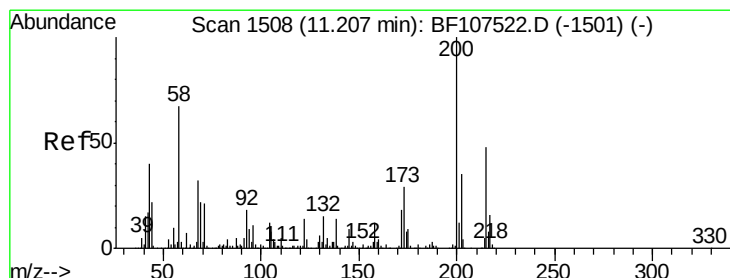
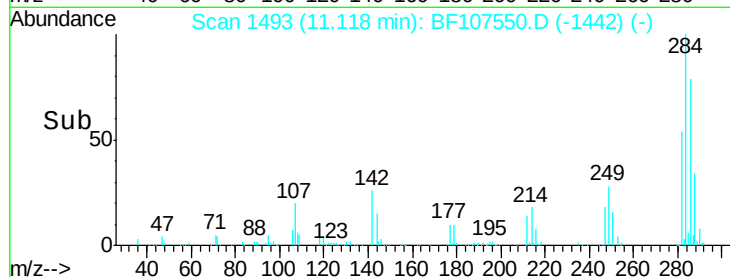
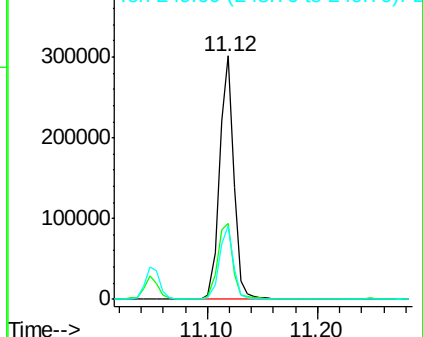
249 30.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.609 ng

RT: 11.20 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

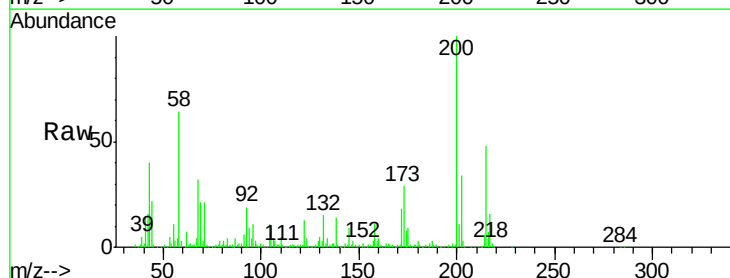
Tgt Ion: 200 Resp: 236628

Ion Ratio Lower Upper

200 100

173 29.0 8.6 48.6

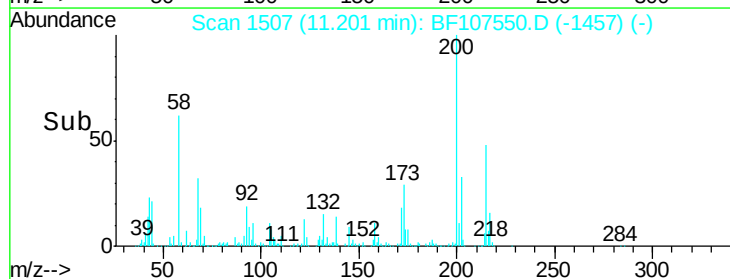
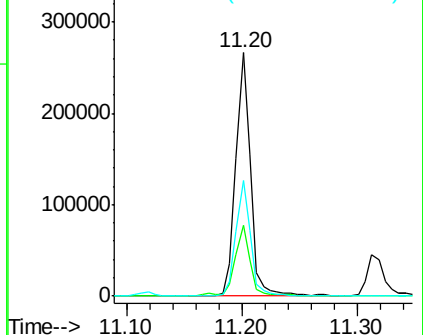
215 47.6 25.1 65.1

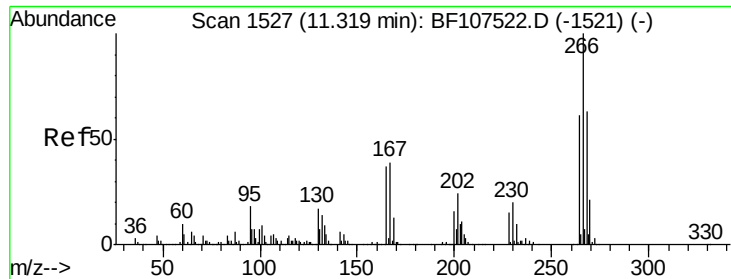


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

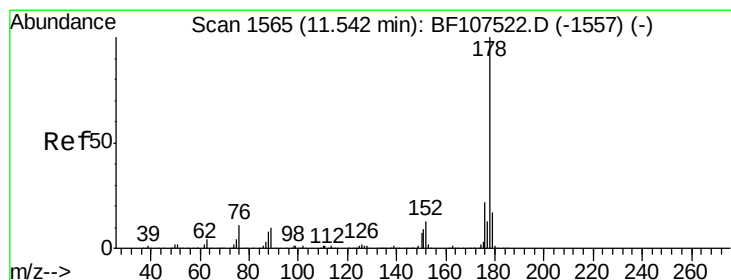
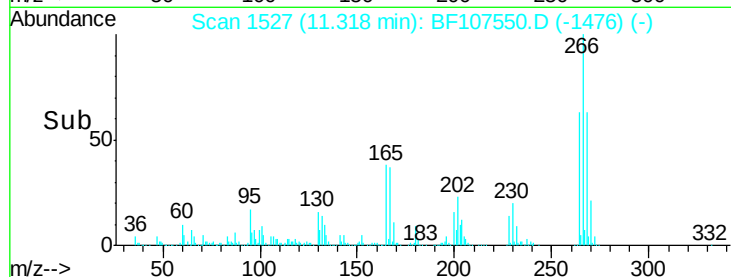
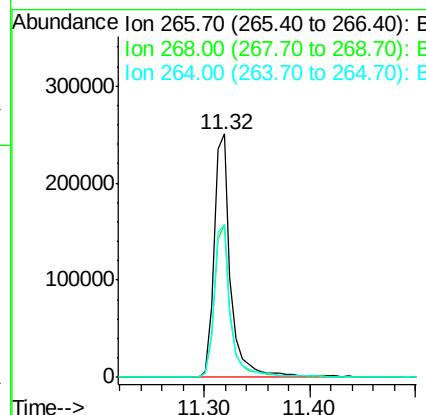
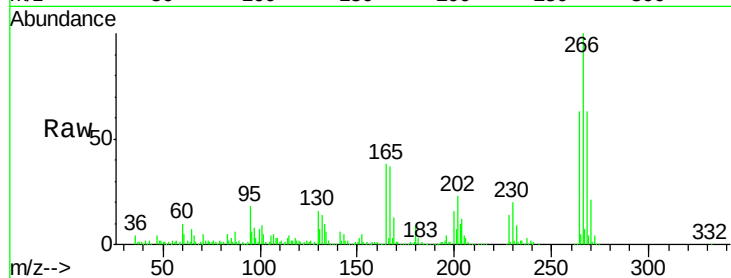




#69
 Pentachlorophenol
 Concen: 49.052 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

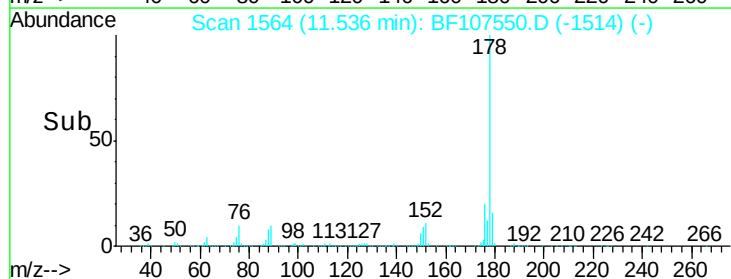
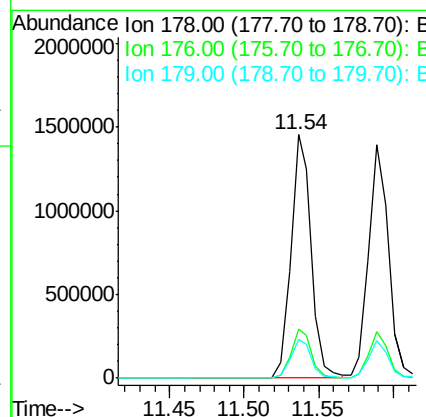
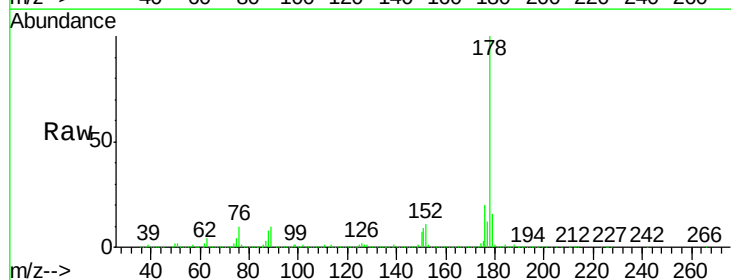
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

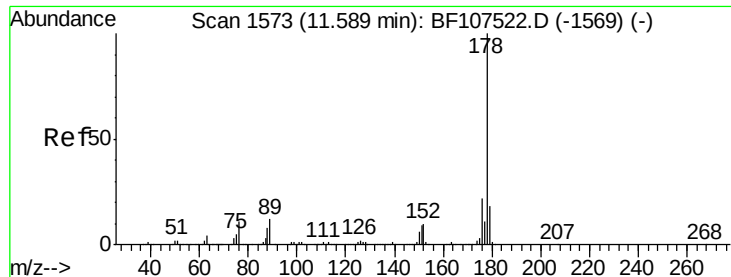
Tgt Ion: 266 Resp: 277712
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 62.6 49.5 74.3



#70
 Phenanthrene
 Concen: 40.893 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion: 178 Resp: 1394523
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.9 13.0 19.6

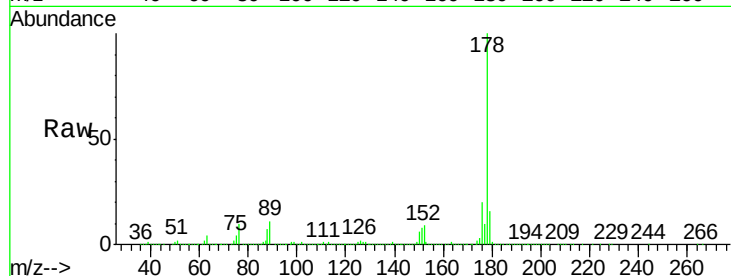




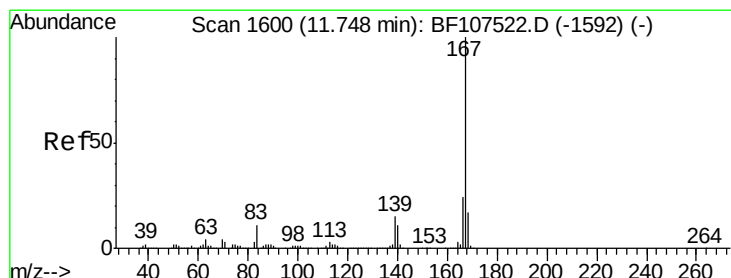
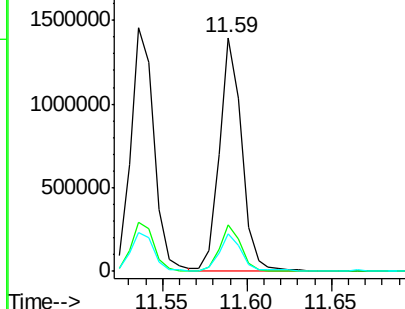
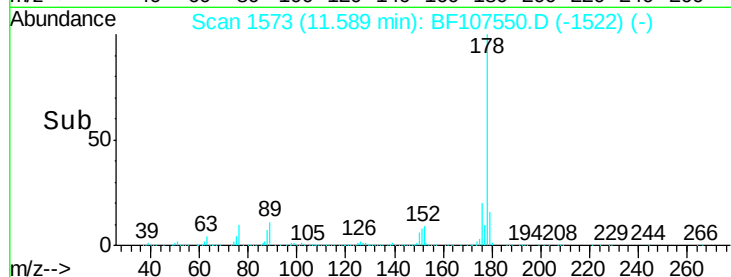
#71
 Anthracene
 Concen: 37.385 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

Tgt Ion:178 Resp: 1283617
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.1 12.6 19.0

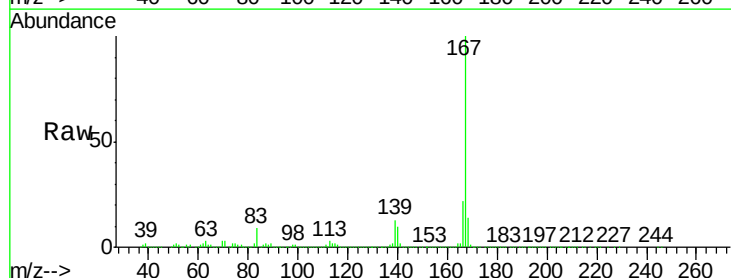


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

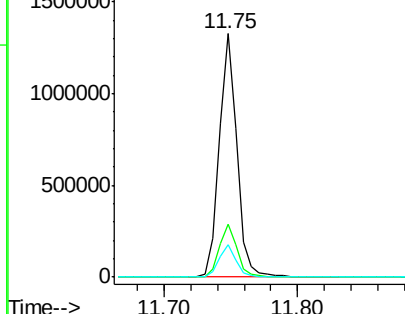
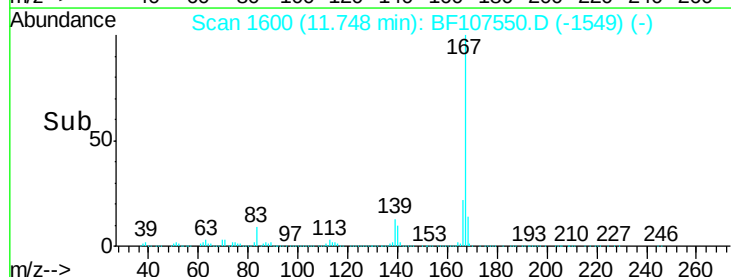


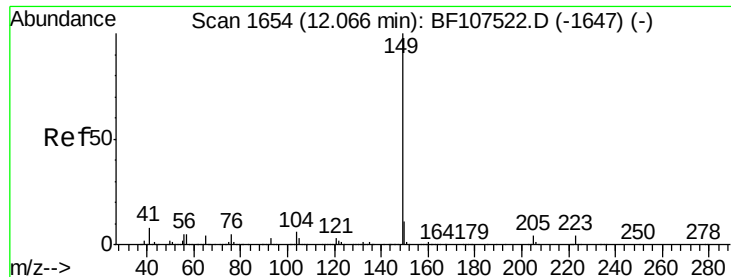
#72
 Carbazole
 Concen: 34.762 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:167 Resp: 1241157
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.488 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

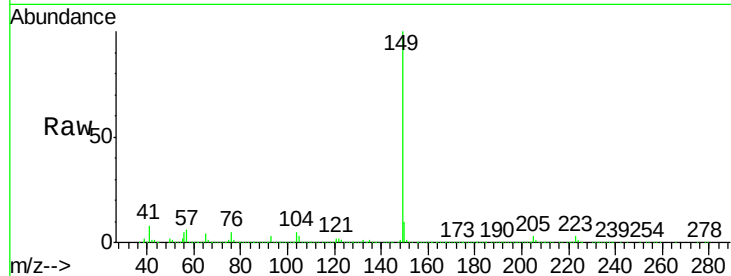
Tgt Ion:149 Resp: 1417909

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

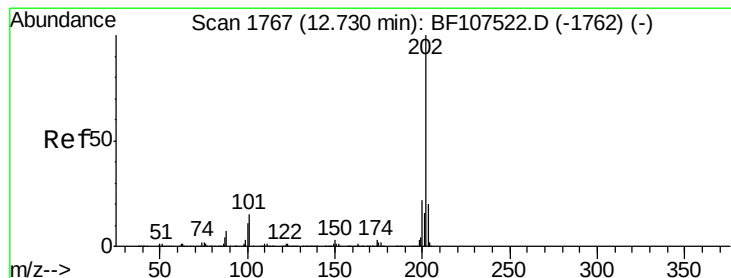
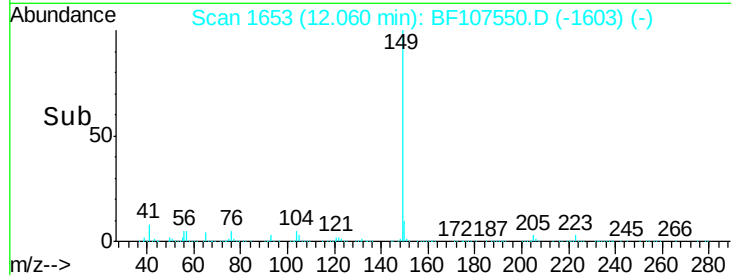
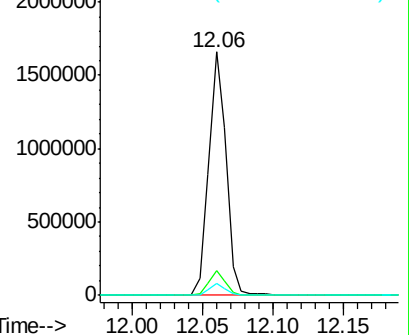
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.535 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

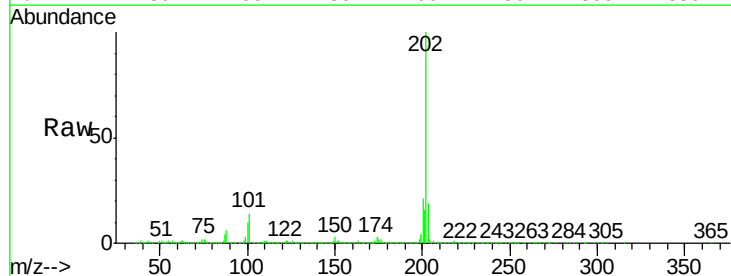
Tgt Ion:202 Resp: 1666283

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

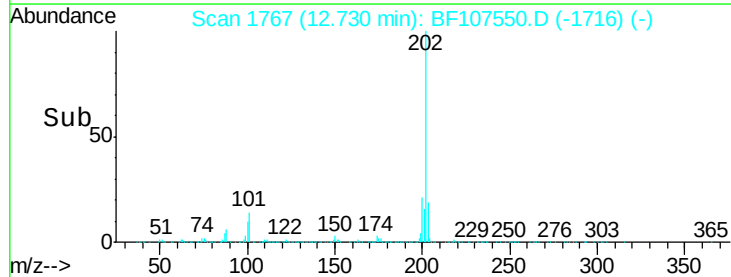
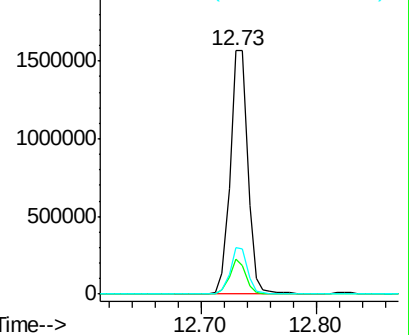
203 19.1 0.0 38.1

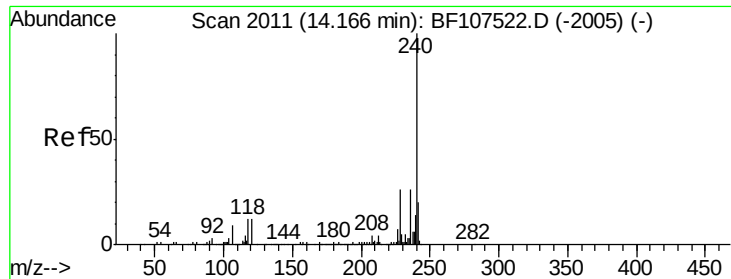


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

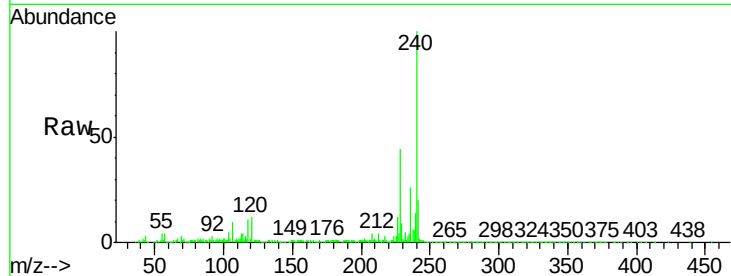
Tgt Ion:240 Resp: 677970

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

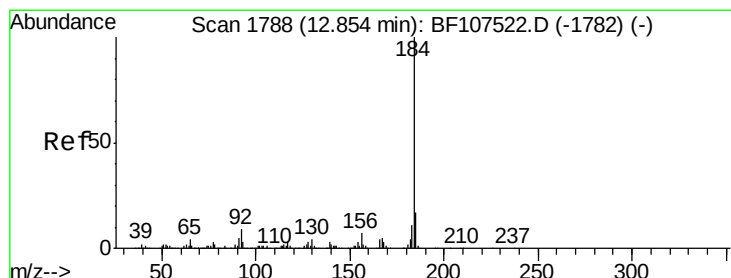
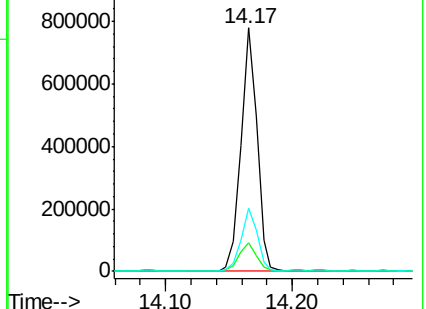
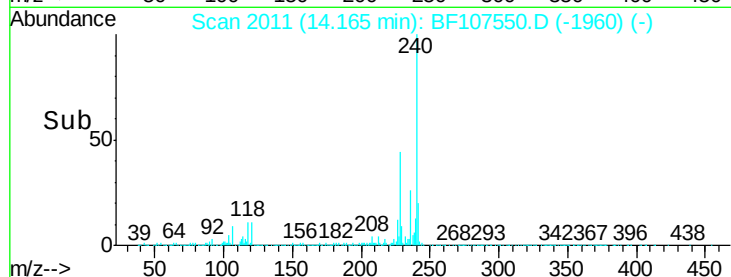
236 26.0 20.7 31.1



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: 17.165 ng

RT: 12.85 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

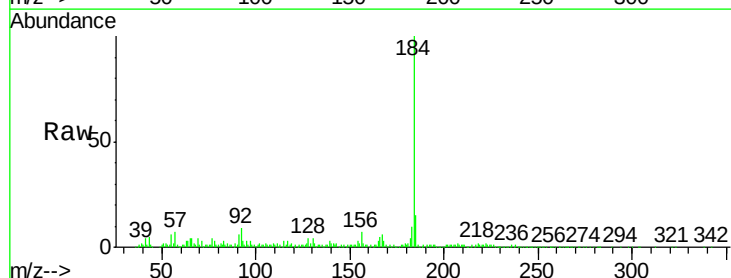
Tgt Ion:184 Resp: 335128

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

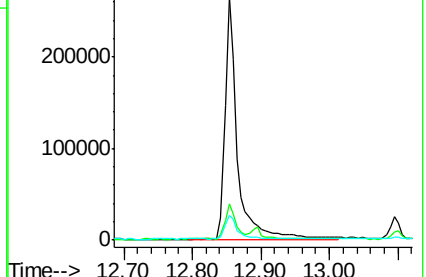
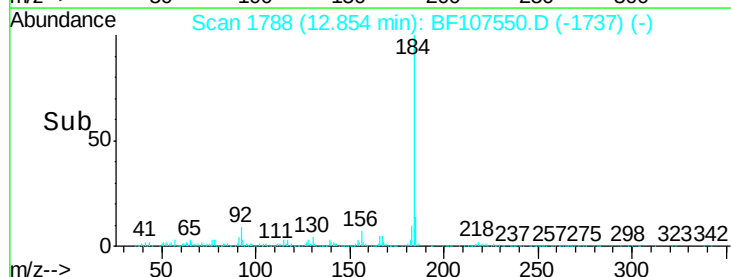
183 10.2 9.3 13.9

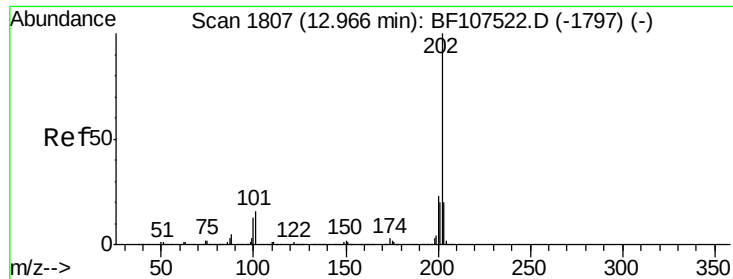


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

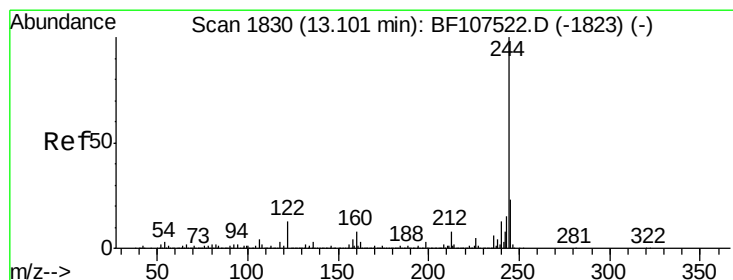
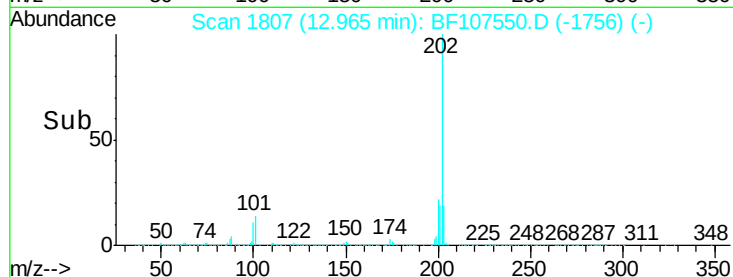
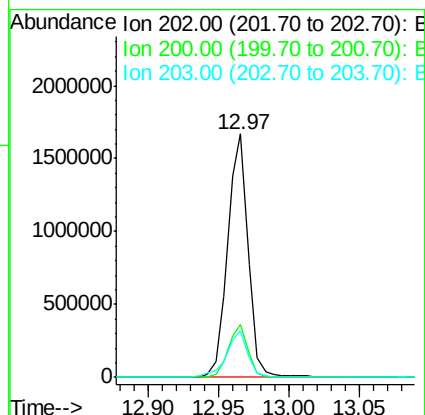
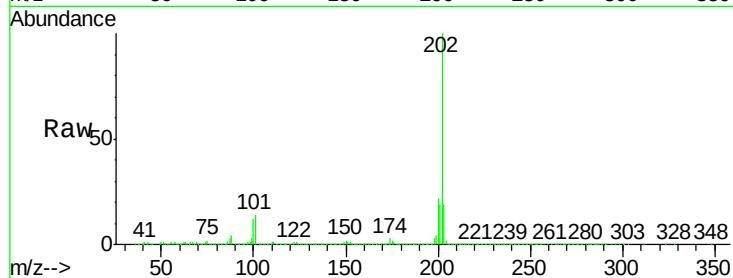




#77
 Pyrene
 Concen: 35.801 ng
 RT: 12.97 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

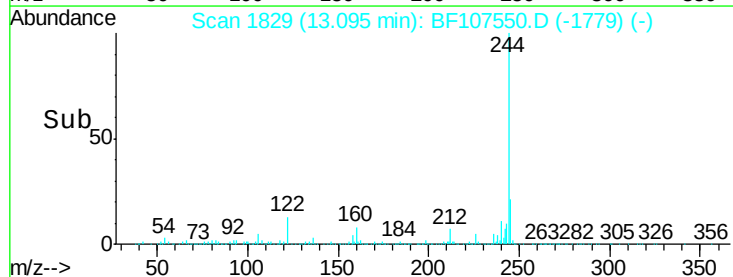
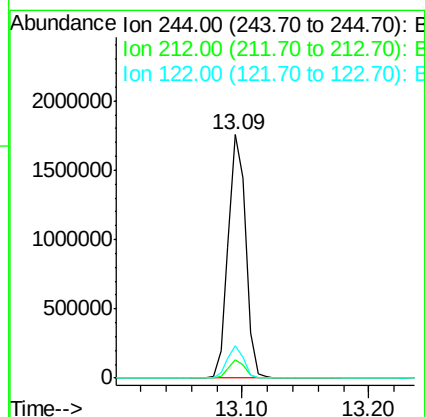
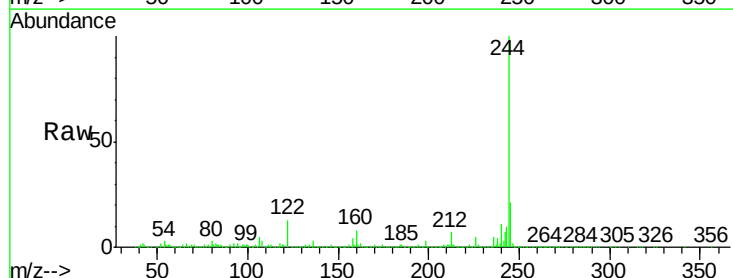
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

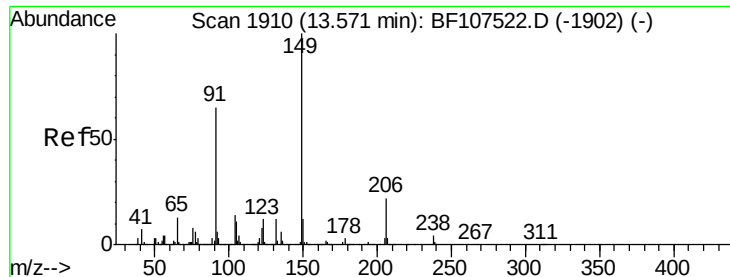
Tgt Ion:202 Resp: 1660214
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 19.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 63.217 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:244 Resp: 1674142
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.2 11.0 16.4

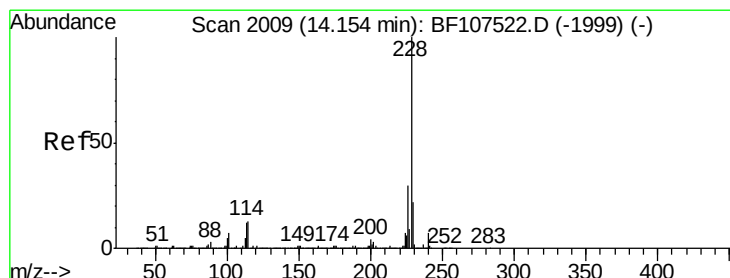
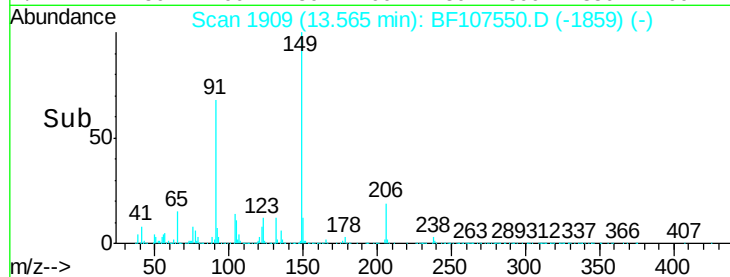
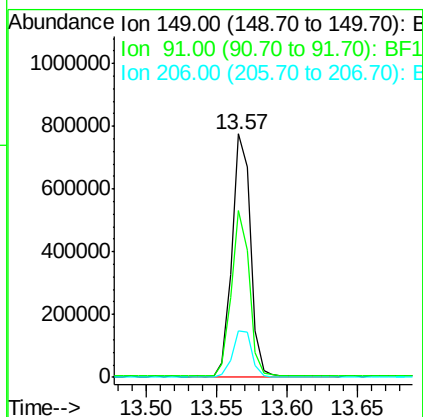
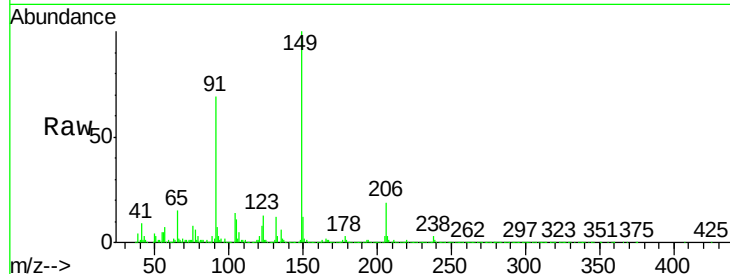




#79
Butylbenzylphthalate
Concen: 35.251 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

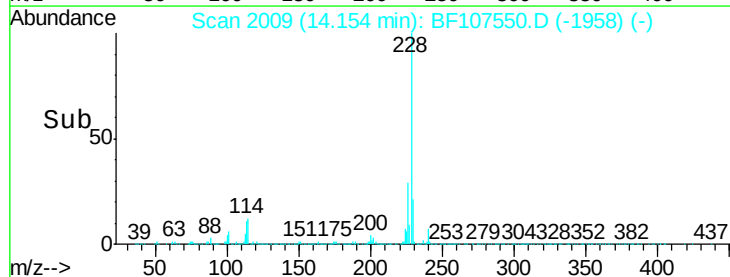
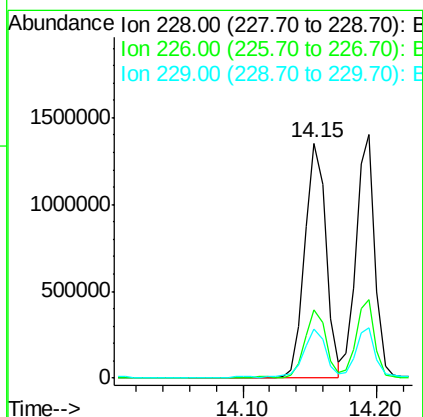
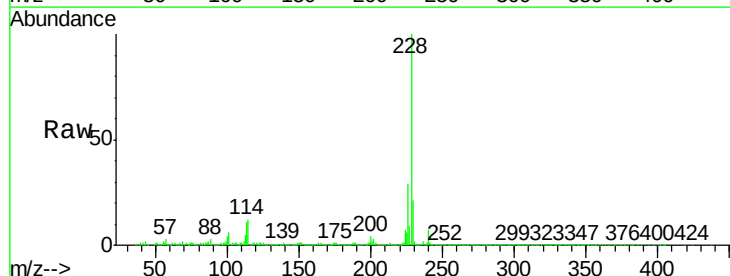
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

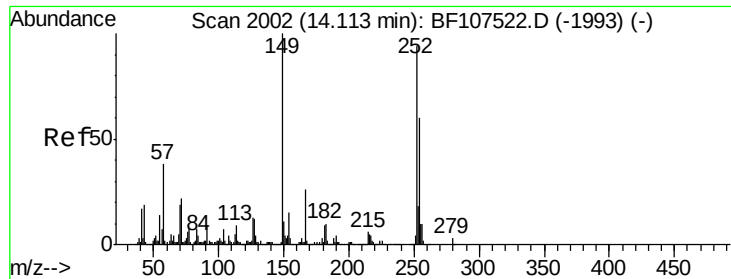
Tgt Ion:149 Resp: 703014
Ion Ratio Lower Upper
149 100
91 68.5 56.8 85.2
206 19.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.594 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:228 Resp: 1453893
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 21.0 15.8 23.6

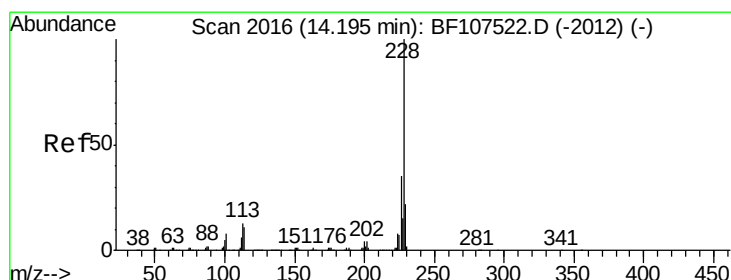
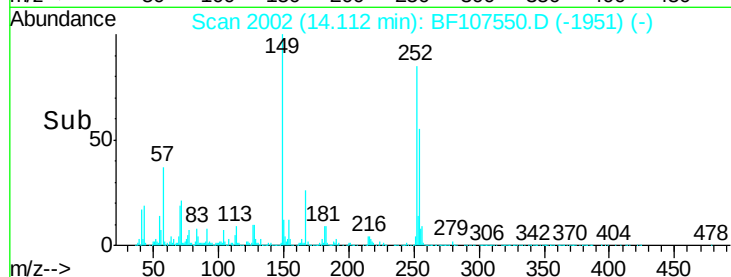
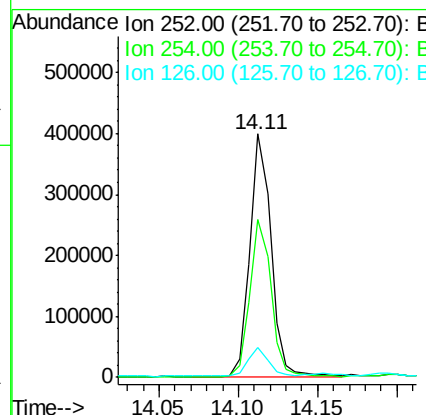
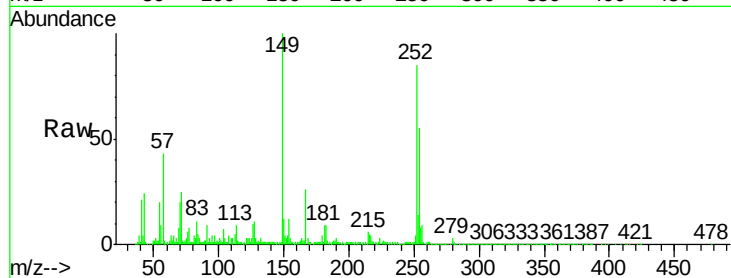




#81
 3,3'-Dichlorobenzidine
 Concen: 28.034 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

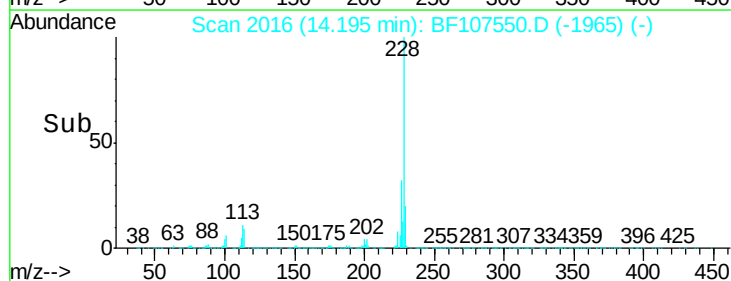
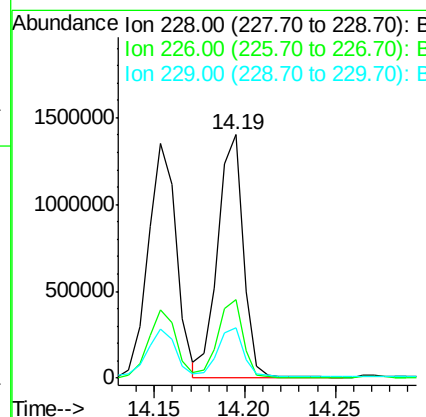
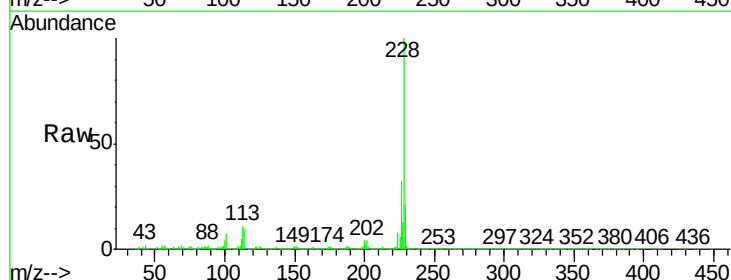
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

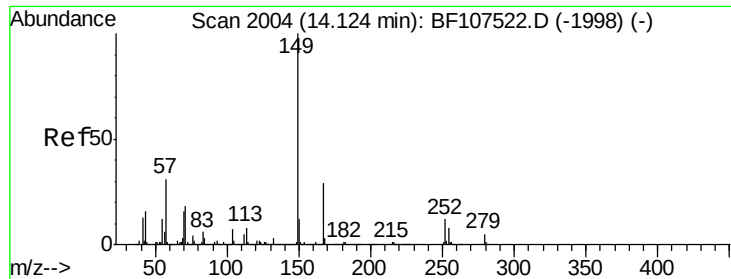
Tgt Ion:252 Resp: 367937
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 12.2 11.3 16.9



#82
 Chrysene
 Concen: 35.787 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion:228 Resp: 1365818
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.6
 229 20.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.372 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampled :

SB1-12-0MS

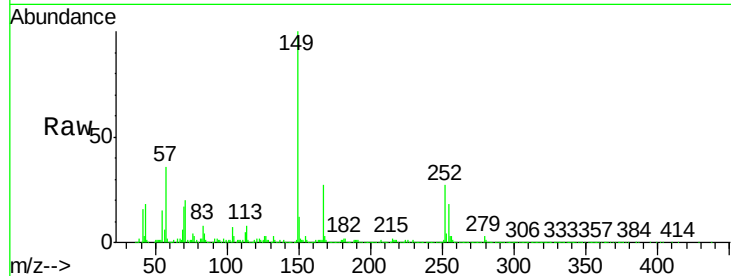
Tgt Ion:149 Resp: 967224

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

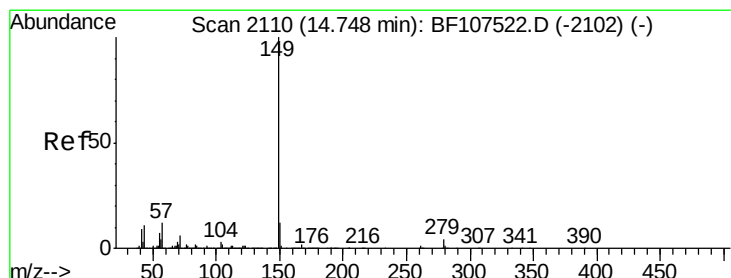
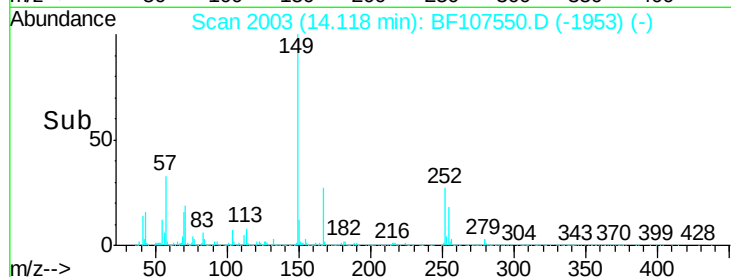
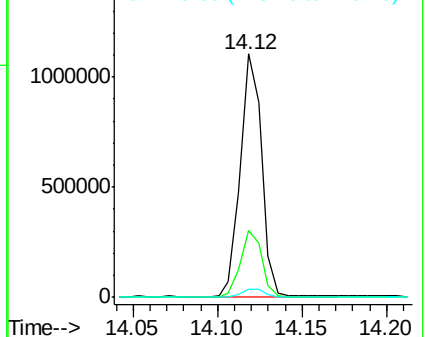
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.337 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

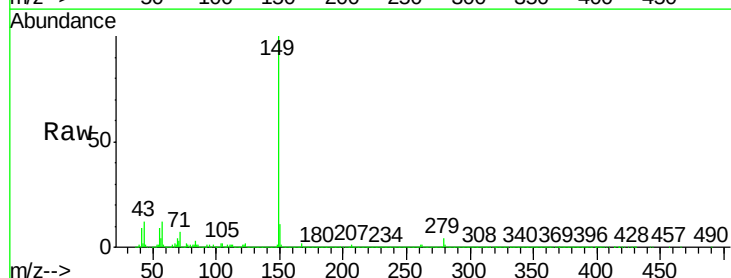
Tgt Ion:149 Resp: 1720602

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

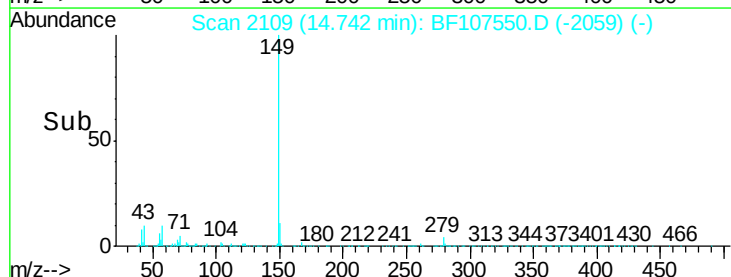
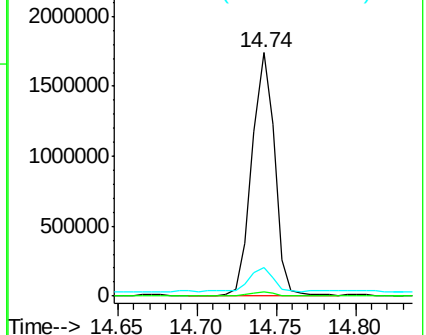
43 10.2 8.4 12.6

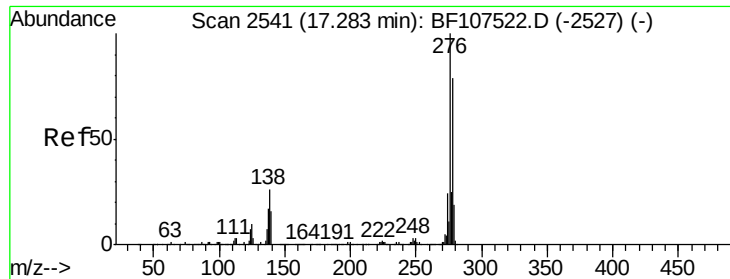


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

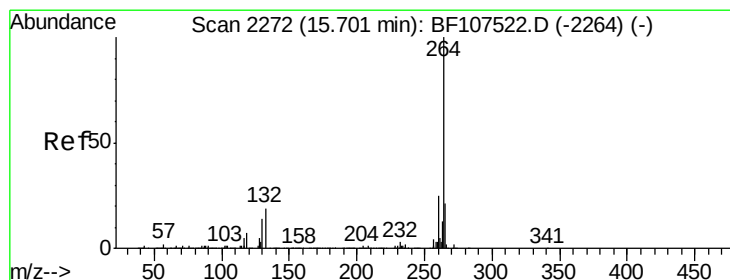
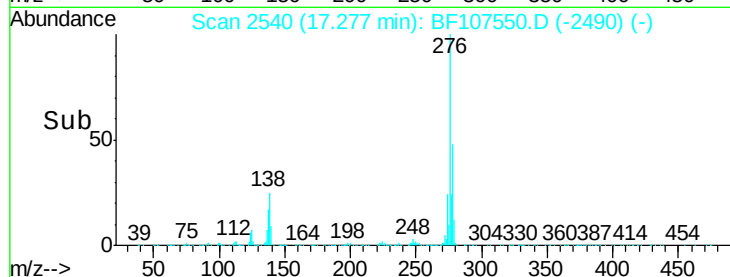
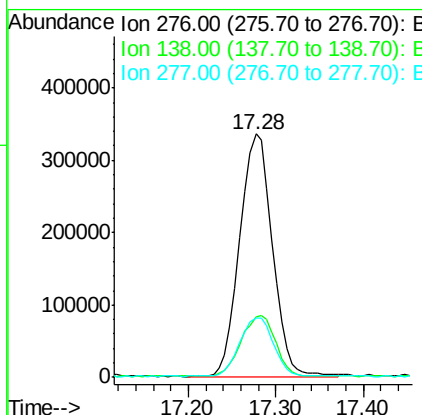
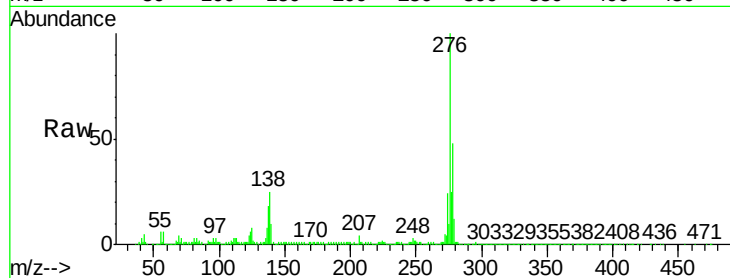




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.237 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

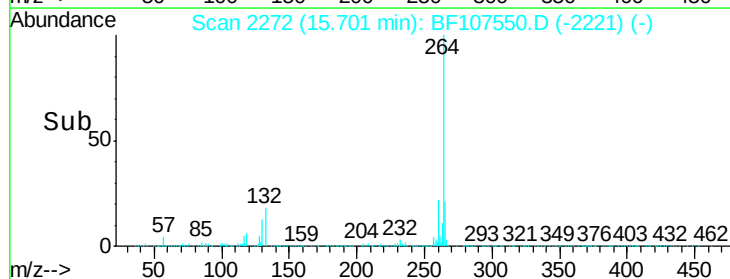
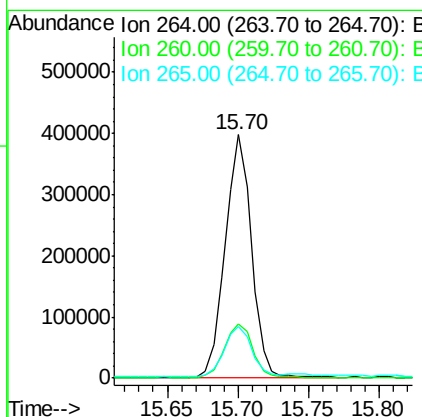
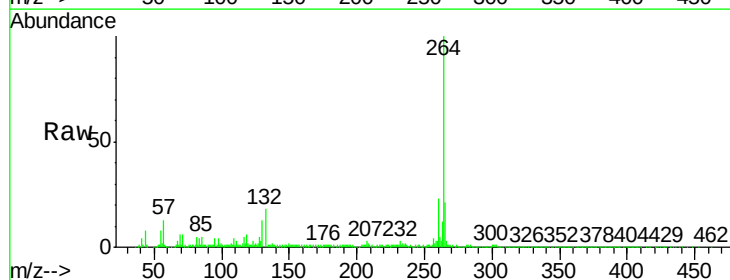
Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0MS

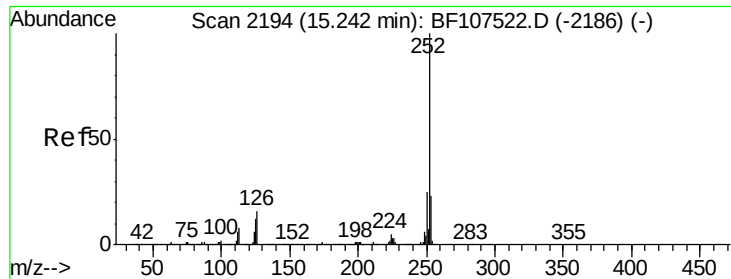
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF107550.D
 Acq: 21 Jul 2018 3:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.4	17.5	26.3

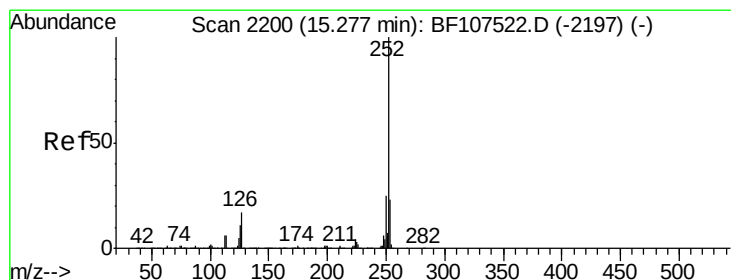
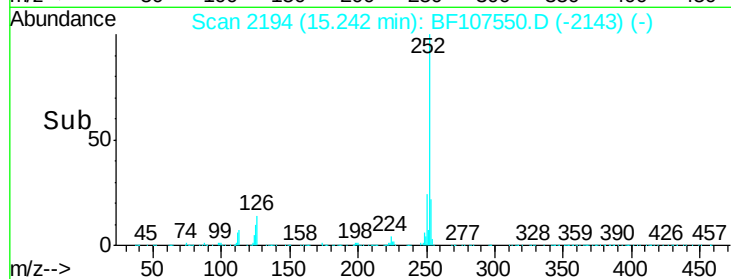
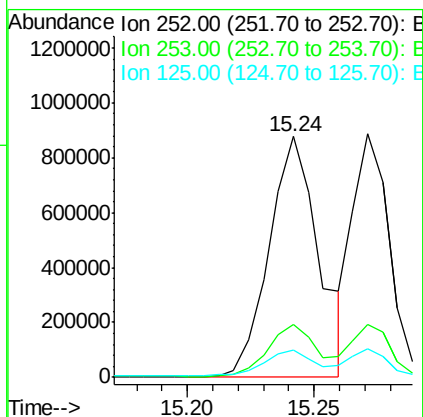
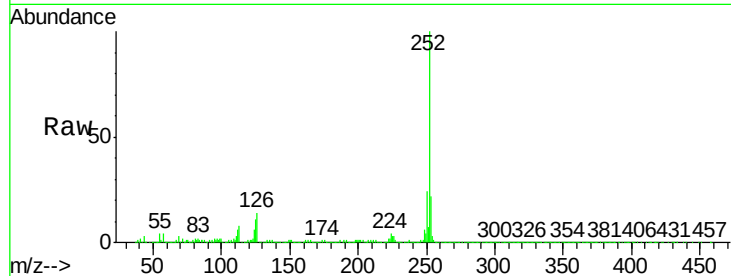




#87
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

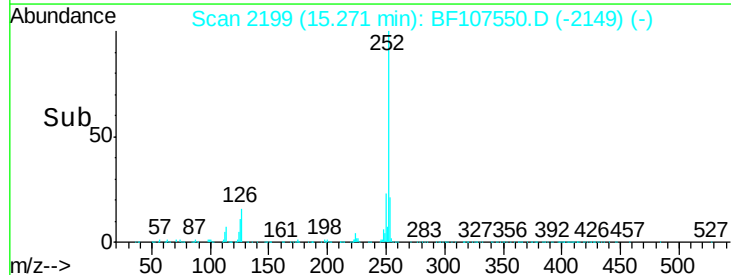
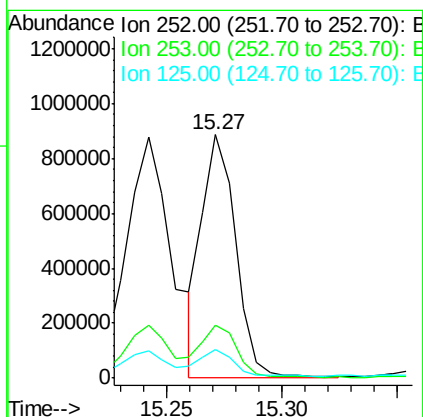
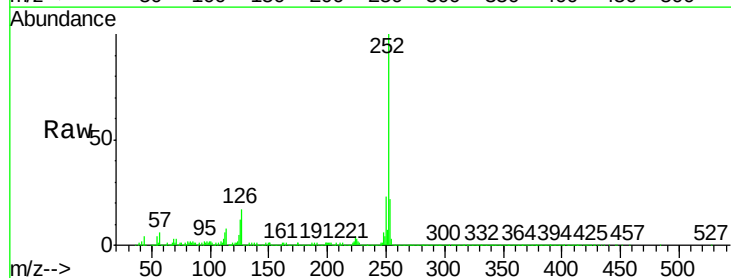
Instrument :
BNA_F
ClientSampleId :
SB1-12-0MS

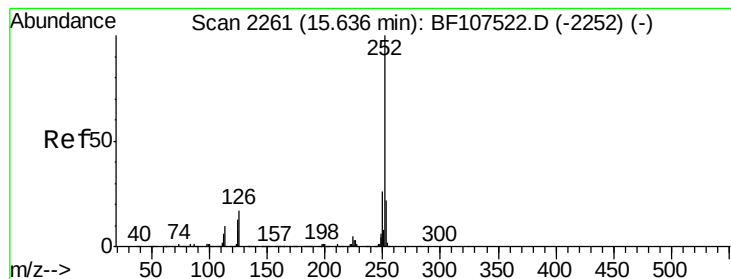
Tgt Ion:252 Resp: 1188964
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.700 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107550.D
Acq: 21 Jul 2018 3:09

Tgt Ion:252 Resp: 898071
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 34.427 ng

RT: 15.64 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

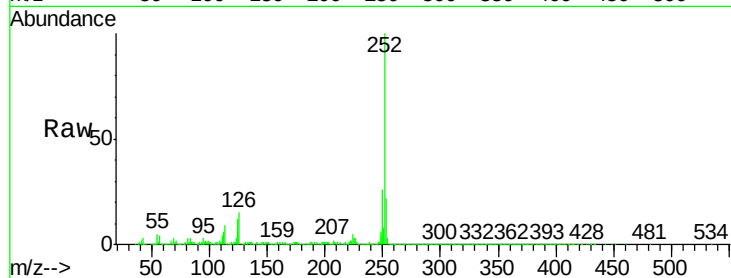
Tgt Ion:252 Resp: 882780

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

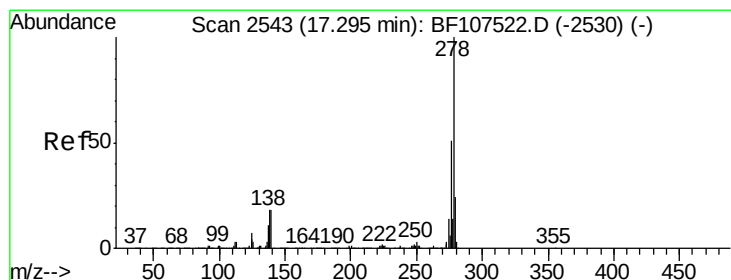
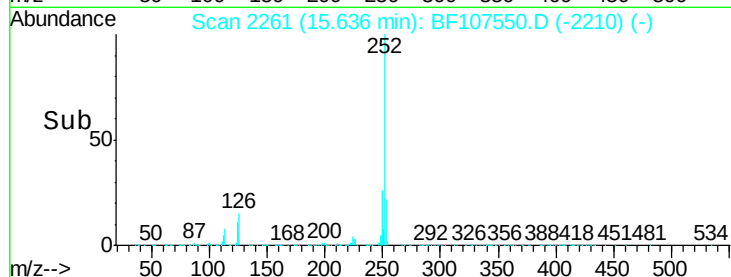
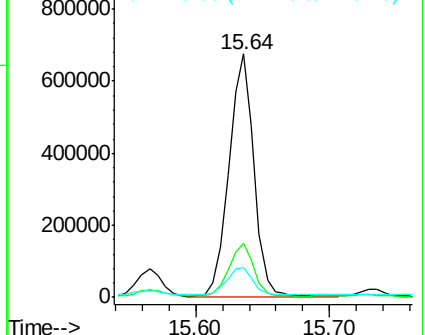
125 12.2 9.8 14.6



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: 31.891 ng

RT: 17.29 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

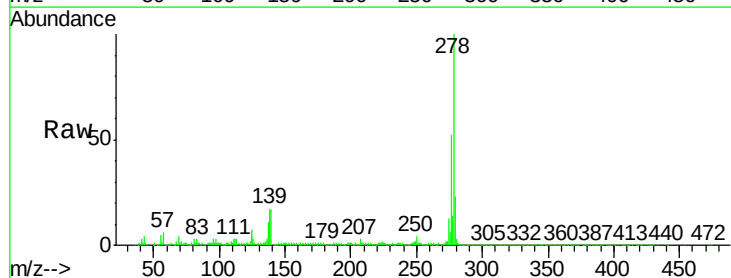
Tgt Ion:278 Resp: 706895

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

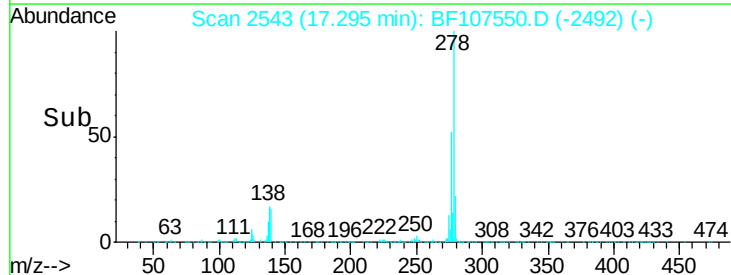
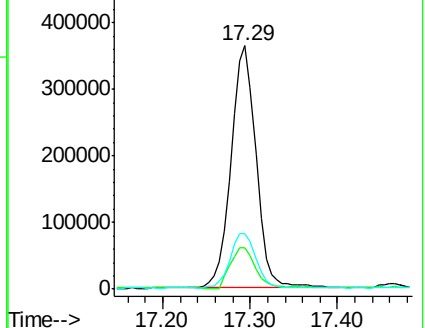
279 22.9 19.0 28.4

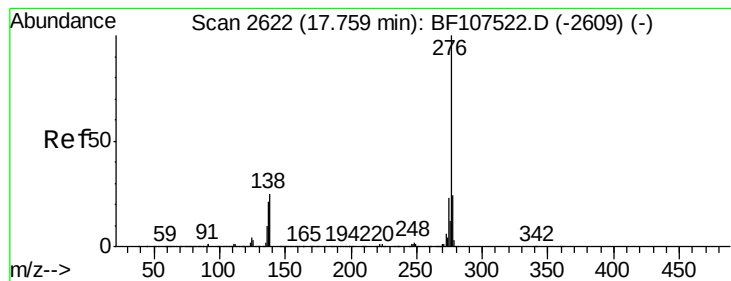


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 30.784 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SB1-12-0MS

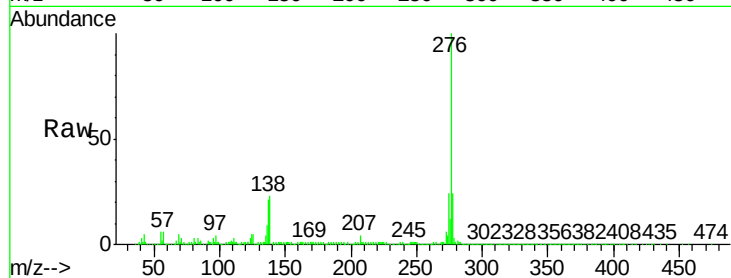
Tgt Ion: 276 Resp: 673068

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 22.7 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

