

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107536.D
 Acq On : 20 Jul 2018 20:58
 Operator : JU/SJ
 Sample : J4054-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Quant Time: Jul 20 22:47:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	349444	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1334548	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	600700	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1100815	20.00	ng	0.00
75) Chrysene-d12	14.16	240	705646	20.00	ng	0.00
86) Perylene-d12	15.69	264	828432	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	2263887	104.16	ng	0.00
7) Phenol-d6	6.61	99	2644640	101.34	ng	0.00
23) Nitrobenzene-d5	7.54	82	1660766	83.98	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	749921	109.78	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2699367	74.33	ng	0.00
78) Terphenyl-d14	13.09	244	2271235	82.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	262586	25.957	ng	# 84
3) Pyridine	3.66	79	723555	26.291	ng	# 84
4) n-Nitrosodimethylamine	3.62	42	380536	32.785	ng	97
6) Aniline	6.65	93	878226	26.092	ng	# 88
8) 2-Chlorophenol	6.77	128	748373	32.140	ng	95
9) Benzaldehyde	6.53	77	344481	18.596	ng	96
10) Phenol	6.62	94	982041	31.997	ng	90
11) bis(2-Chloroethyl)ether	6.71	93	792665	31.151	ng	90
12) 1,3-Dichlorobenzene	6.91	146	796218	30.159	ng	96
13) 1,4-Dichlorobenzene	6.99	146	831439	30.727	ng	97
14) 1,2-Dichlorobenzene	7.14	146	743341	30.612	ng	99
15) Benzyl Alcohol	7.12	79	604527	33.989	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1289352	30.035	ng	88
17) 2-Methylphenol	7.22	107	644045	32.542	ng	96
18) Hexachloroethane	7.48	117	292504	30.820	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	515743	30.591	ng	98
20) 3+4-Methylphenols	7.38	107	787371	33.505	ng	# 67
22) Acetophenone	7.38	105	1054913	33.658	ng	# 90
24) Nitrobenzene	7.56	77	799422	35.296	ng	98
25) Isophorone	7.79	82	1458972	34.555	ng	99
26) 2-Nitrophenol	7.87	139	385785	40.335	ng	95
27) 2,4-Dimethylphenol	7.91	122	680094	37.564	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	963401	34.143	ng	99
29) 2,4-Dichlorophenol	8.12	162	650818	35.170	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	661022	31.804	ng	100
31) Naphthalene	8.28	128	2042285	34.800	ng	98
32) Benzoic acid	7.99	122	103413	14.735	ng	96
33) 4-Chloroaniline	8.33	127	445137	17.354	ng	98
34) Hexachlorobutadiene	8.39	225	385238	31.193	ng	100
35) Caprolactam	8.70	113	130381	21.662	ng	# 79
36) 4-Chloro-3-methylphenol	8.81	107	702959	34.198	ng	98
37) 2-Methylnaphthalene	8.97	142	1449848	35.652	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	654251	32.654	ng	98
40) Hexachlorocyclopentadiene	9.12	237	670221	65.804	ng	99

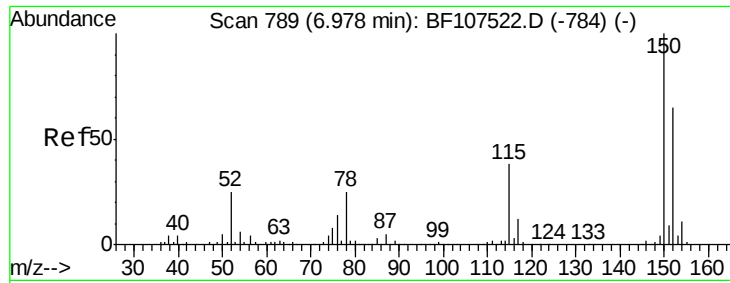
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	442181	34.479	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	487157	36.345	ng	97
45) 1,1'-Biphenyl	9.44	154	1710905	32.696	ng	98
46) 2-Chloronaphthalene	9.47	162	1272963	31.826	ng	98
47) 2-Nitroaniline	9.57	65	445966	38.245	ng	92
48) Acenaphthylene	9.88	152	2079539	34.610	ng	96
49) Dimethylphthalate	9.74	163	1741611	38.469	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	334537	37.218	ng	92
51) Acenaphthene	10.05	154	1201642	31.919	ng	99
52) 3-Nitroaniline	9.98	138	268290	24.535	ng	98
53) 2,4-Dinitrophenol	10.08	184	182101	52.784	ng	# 23
54) Dibenzofuran	10.22	168	1809056	32.641	ng	96
55) 4-Nitrophenol	10.14	139	534123	65.240	ng	94
56) 2,4-Dinitrotoluene	10.21	165	422112	38.905	ng	# 98
57) Fluorene	10.57	166	1387387	35.088	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	397270	35.613	ng	89
59) Diethylphthalate	10.43	149	1571821	33.243	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	689561	30.849	ng	97
61) 4-Nitroaniline	10.60	138	344675	37.517	ng	98
62) Azobenzene	10.72	77	1431937	32.297	ng	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	158019	33.038	ng	94
65) n-Nitrosodiphenylamine	10.68	169	1258216	33.654	ng	98
66) 4-Bromophenyl-phenylether	11.05	248	431796	33.322	ng	# 88
67) Hexachlorobenzene	11.11	284	447243	31.367	ng	91
68) Atrazine	11.20	200	393780	34.497	ng	95
69) Pentachlorophenol	11.31	266	461558	51.826	ng	98
70) Phenanthrene	11.54	178	1800699	33.568	ng	97
71) Anthracene	11.59	178	1851153	34.274	ng	97
72) Carbazole	11.75	167	1729569	30.795	ng	98
73) Di-n-butylphthalate	12.06	149	2112873	33.989	ng	98
74) Fluoranthene	12.73	202	1761931	30.609	ng	97
76) Benzidine	12.85	184	581244	28.603	ng	97
77) Pyrene	12.96	202	1707111	35.368	ng	98
79) Butylbenzylphthalate	13.57	149	773801	37.278	ng	92
80) Benzo(a)anthracene	14.15	228	1395051	33.736	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	403952	29.955	ng	98
82) Chrysene	14.18	228	1311802	33.024	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	1030720	35.192	ng	98
84) Di-n-octyl phthalate	14.74	149	1695108	37.234	ng	100
85) Indeno(1,2,3-cd)pyrene	17.27	276	1824105	54.182	ng	95
87) Benzo(b)fluoranthene	15.24	252	1435477	31.661	ng	98
88) Benzo(k)fluoranthene	15.27	252	1351163	30.418	ng	98
89) Benzo(a)pyrene	15.62	252	1399752	33.751	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	1488935	41.532	ng	98
91) Benzo(g,h,i)perylene	17.75	276	1511298	42.737	ng	95

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

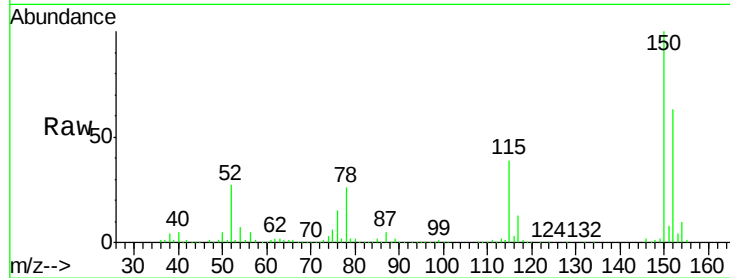


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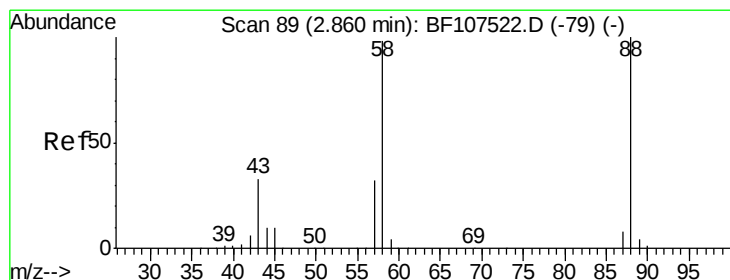
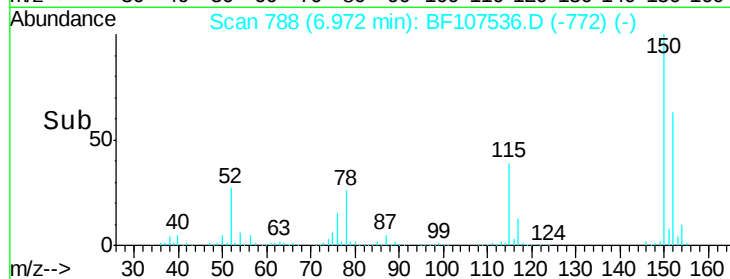
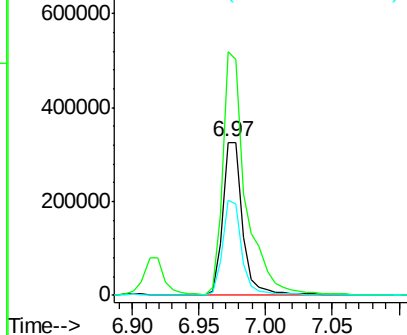
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

Tgt Ion:152 Resp: 349444
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.5 50.1 75.1



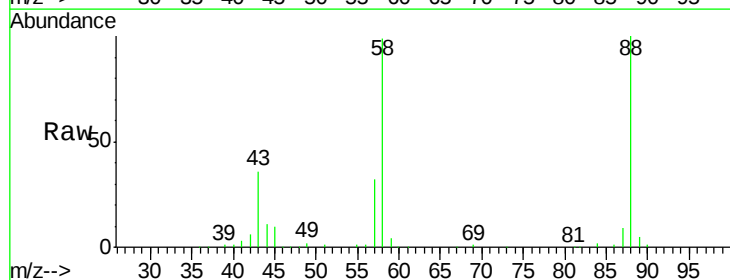
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



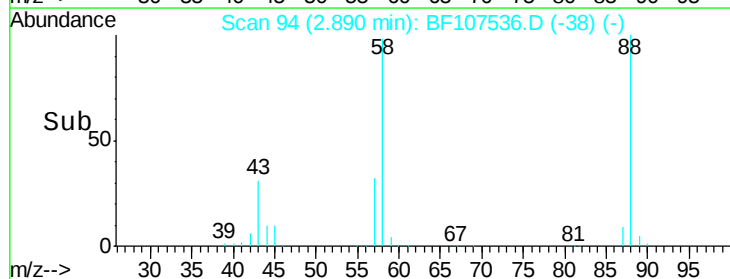
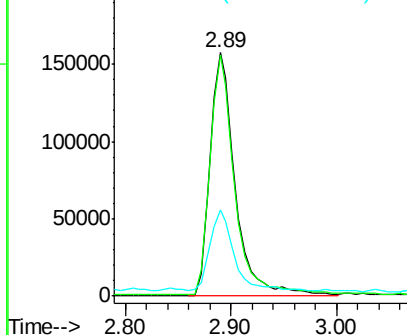
#2

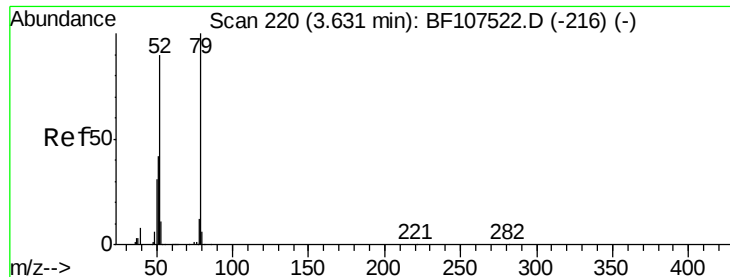
1,4-Dioxane
Concen: 25.957 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.03 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion: 88 Resp: 262586
Ion Ratio Lower Upper
88 100
58 96.8 62.6 93.8#
43 32.0 24.6 37.0



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





#3

Pyridine

Concen: 26.291 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

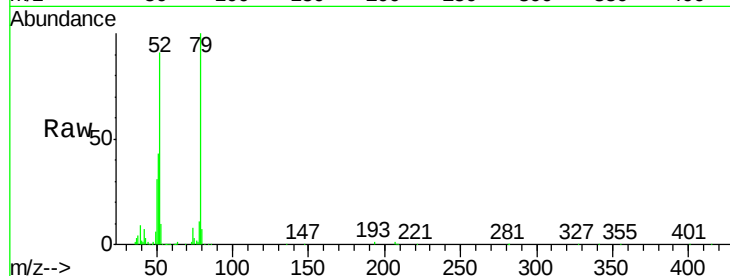
Tgt Ion: 79 Resp: 723555

Ion Ratio Lower Upper

79 100

52 90.7 59.8 89.6#

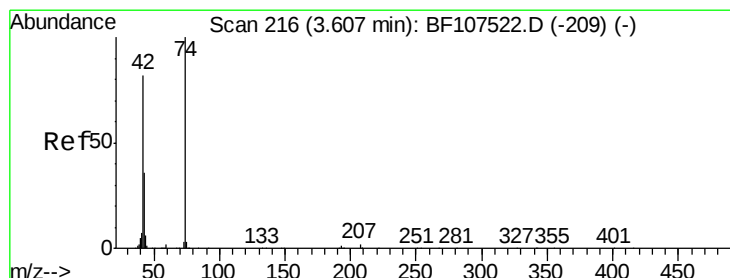
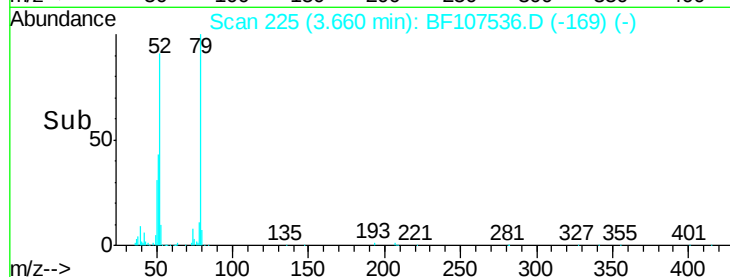
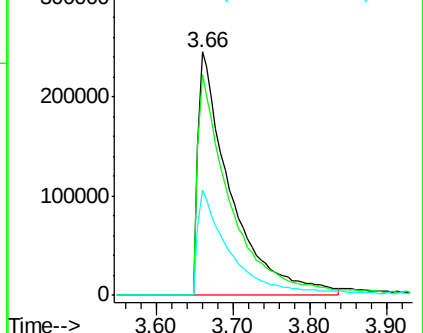
51 43.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.785 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

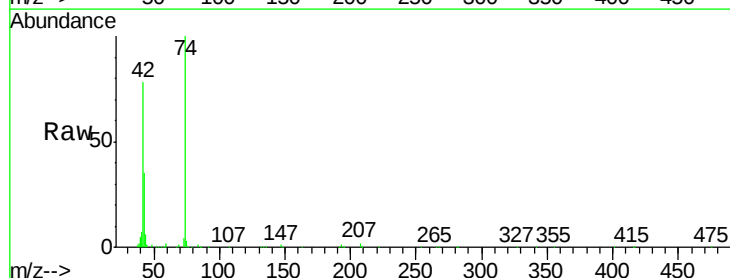
Tgt Ion: 42 Resp: 380536

Ion Ratio Lower Upper

42 100

74 128.2 104.9 157.3

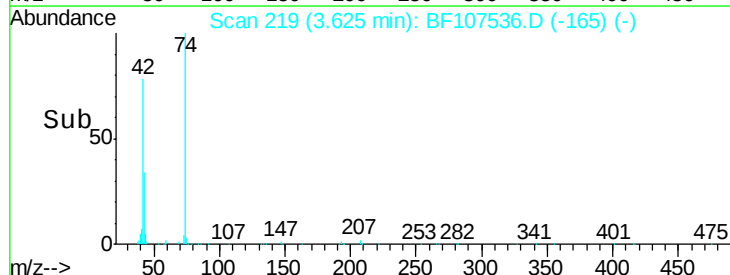
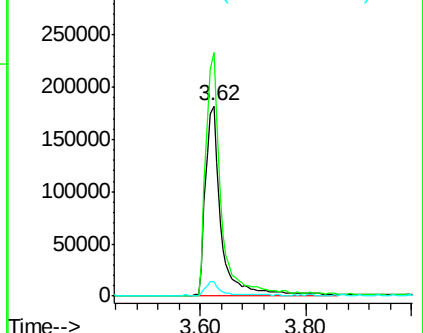
44 7.4 6.9 10.3

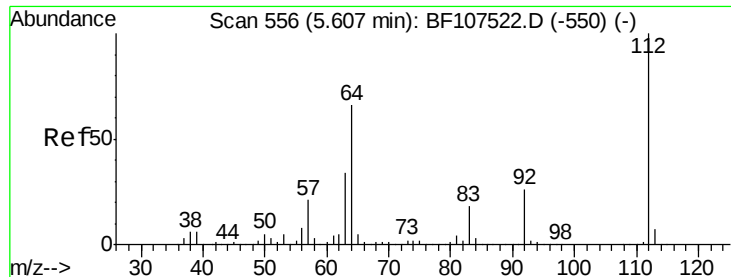


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.163 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

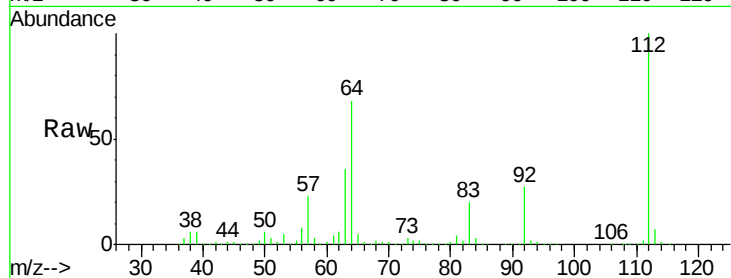
Tgt Ion: 112 Resp: 2263887

Ion Ratio Lower Upper

112 100

64 67.9 47.9 71.9

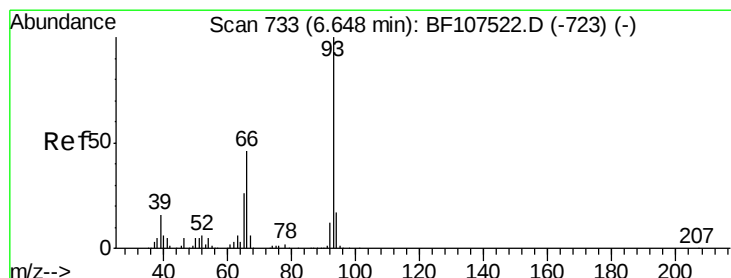
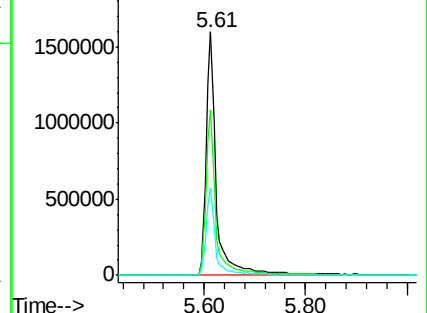
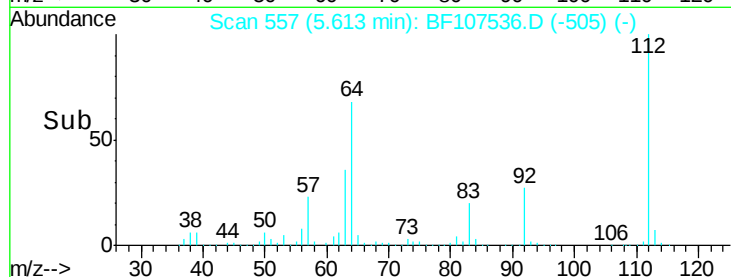
63 35.8 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.092 ng

RT: 6.65 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

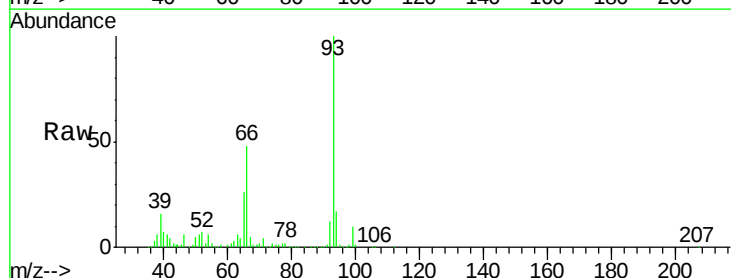
Tgt Ion: 93 Resp: 878226

Ion Ratio Lower Upper

93 100

66 48.1 32.2 48.2

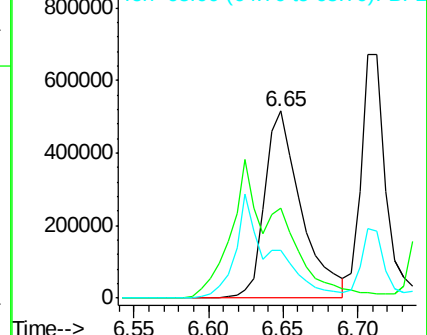
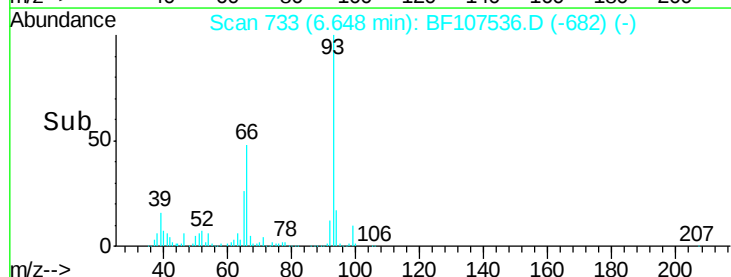
65 25.6 16.4 24.6#

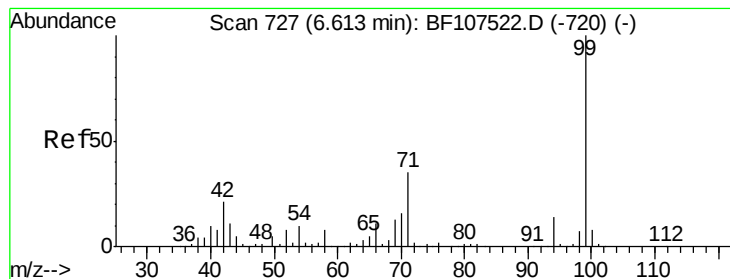


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.339 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

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ClientSampleId :

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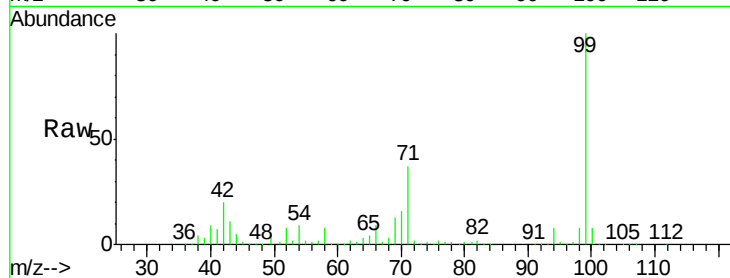
Tgt Ion: 99 Resp: 2644640

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

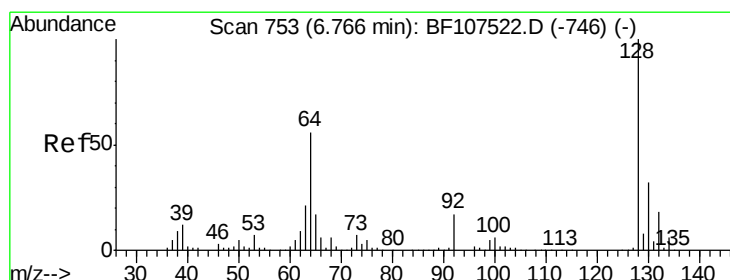
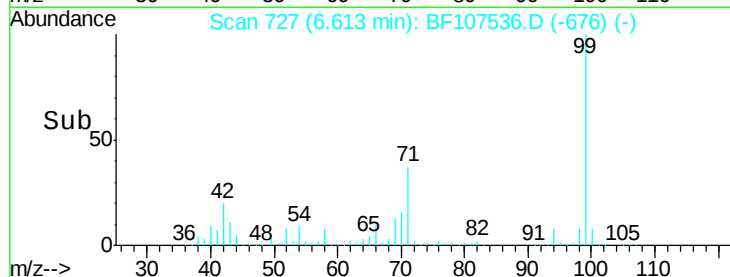
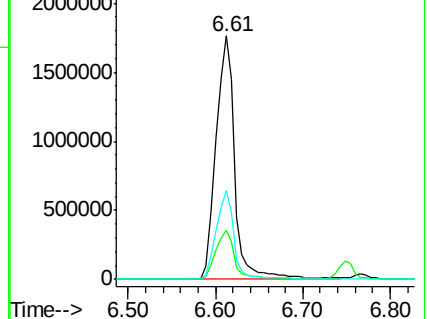
71 36.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.140 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

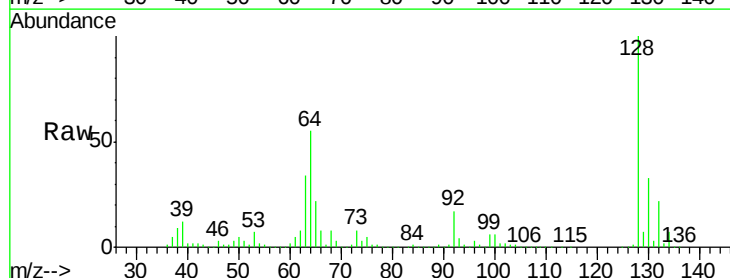
Tgt Ion: 128 Resp: 748373

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

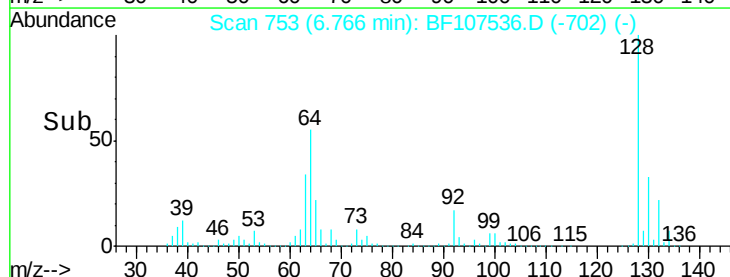
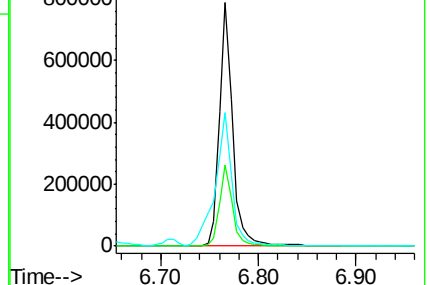
64 54.7 29.4 69.4

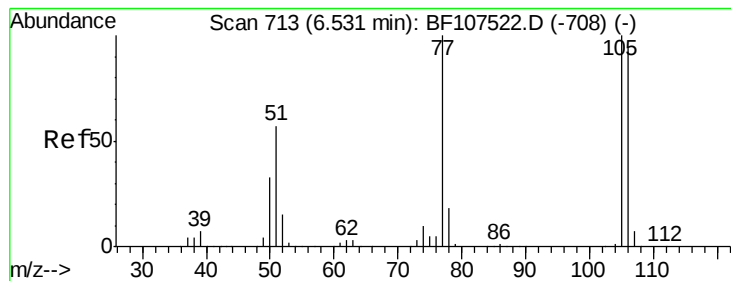


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.596 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

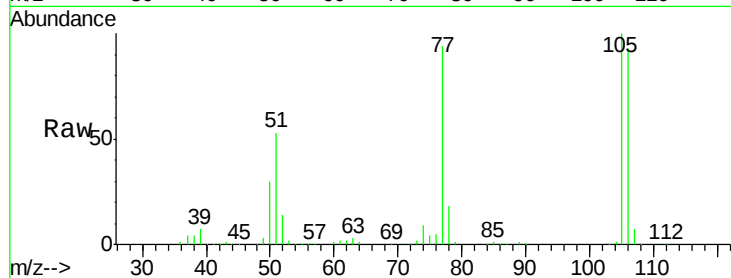
Tgt Ion: 77 Resp: 344481

Ion Ratio Lower Upper

77 100

105 105.8 81.1 121.1

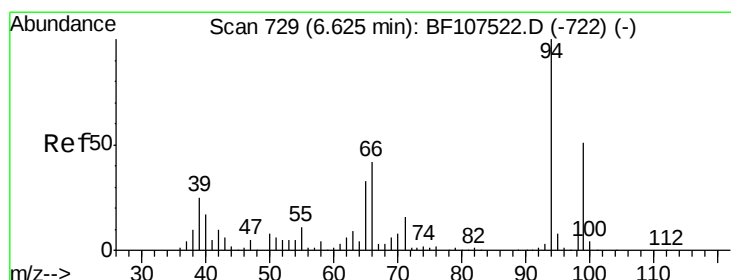
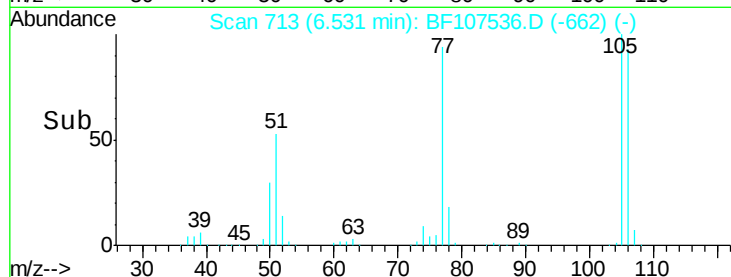
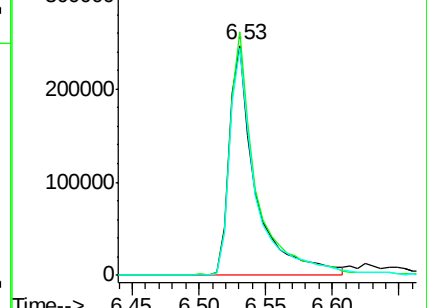
106 98.6 74.5 114.5



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: 31.997 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

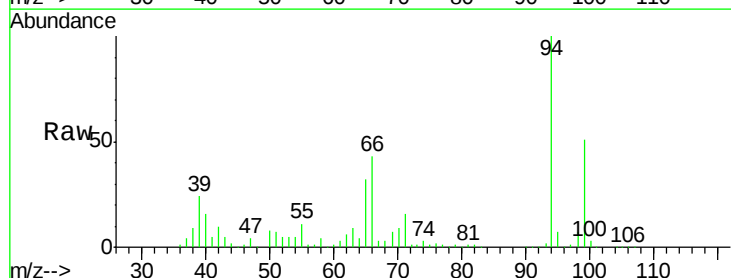
Tgt Ion: 94 Resp: 982041

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

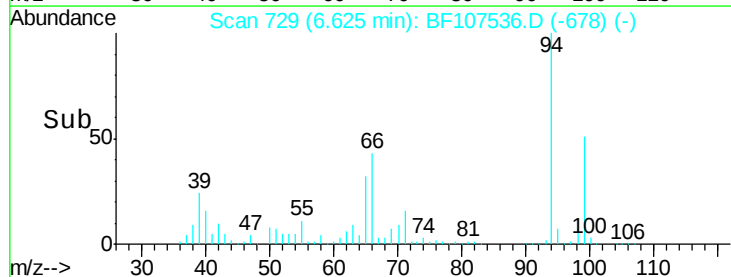
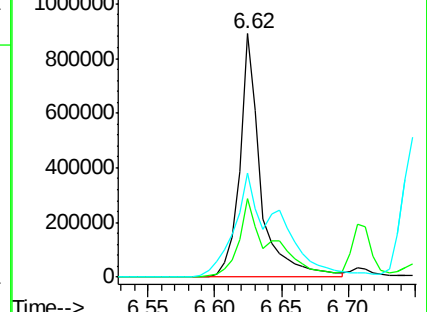
66 42.7 16.2 56.2

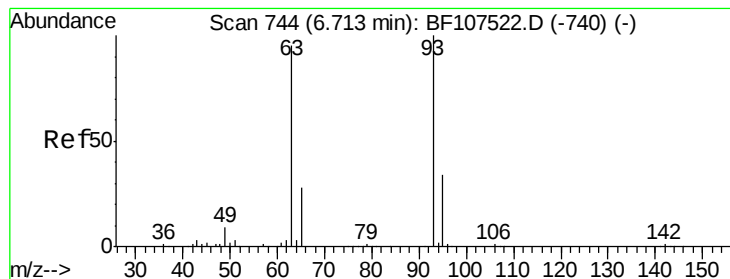


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.151 ng

RT: 6.71 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

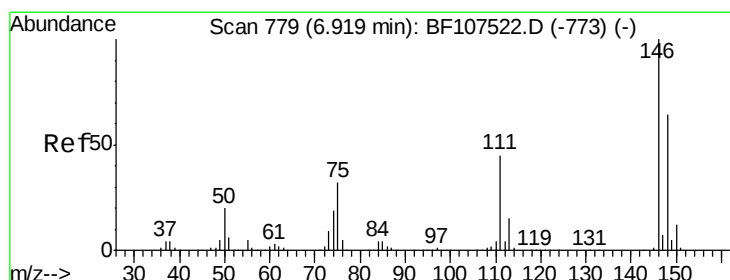
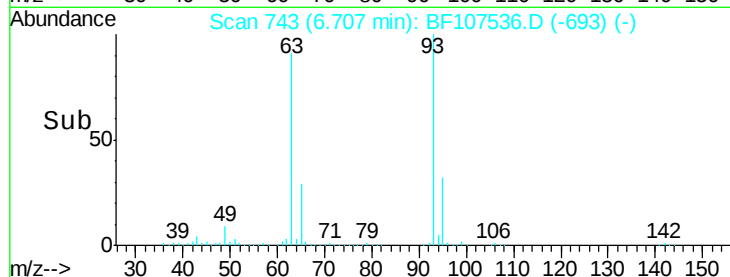
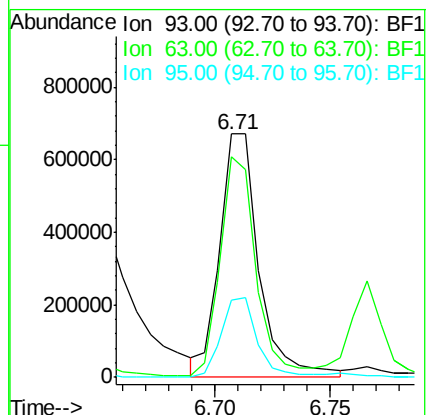
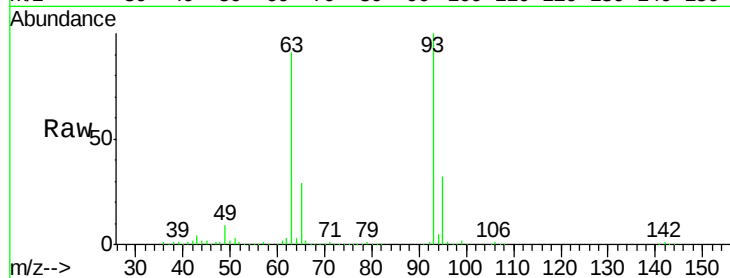
Tgt Ion: 93 Resp: 792665

Ion Ratio Lower Upper

93 100

63 90.6 58.6 98.6

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 30.159 ng

RT: 6.91 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

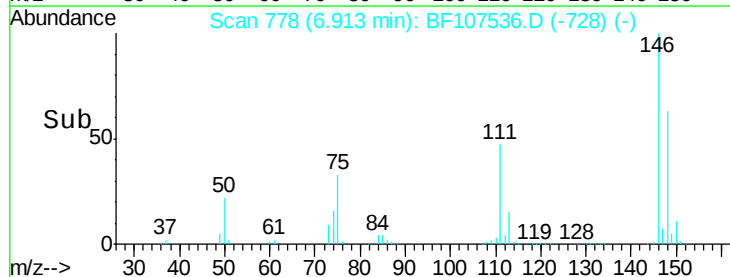
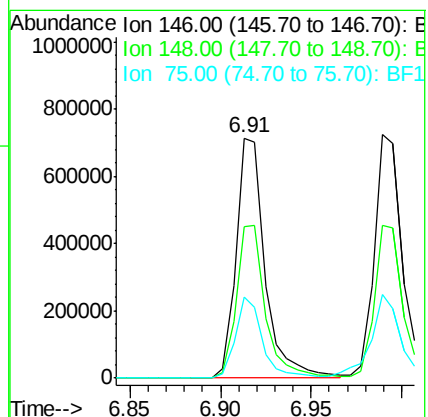
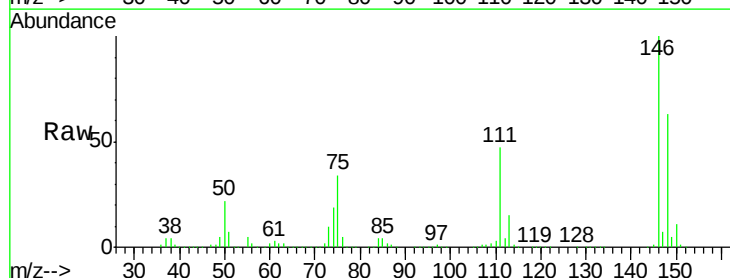
Tgt Ion: 146 Resp: 796218

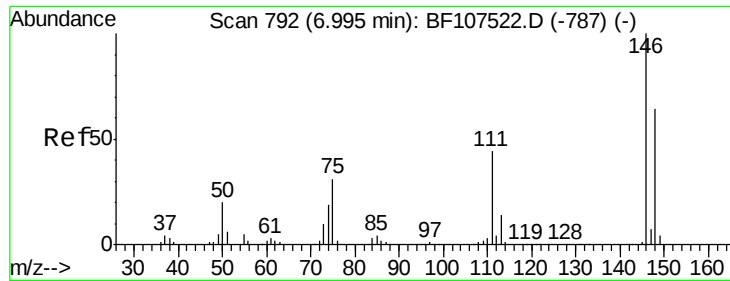
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

75 33.9 24.2 36.4

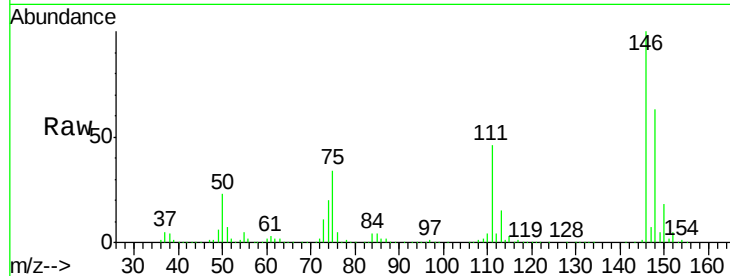




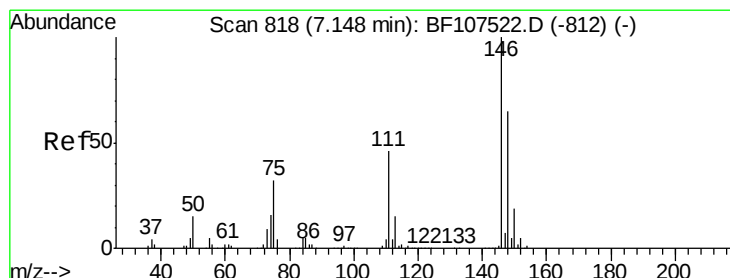
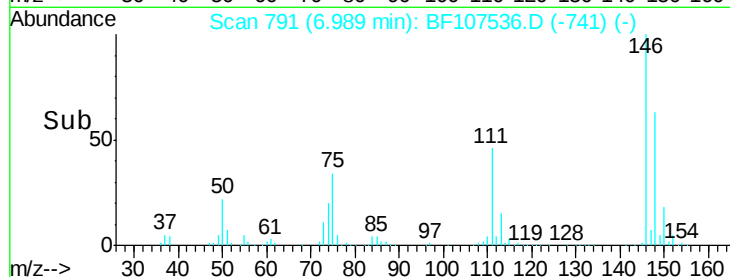
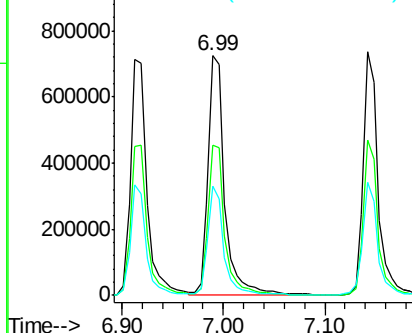
#13
 1,4-Dichlorobenzene
 Concen: 30.727 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion:146 Resp: 831439
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 45.6 34.2 51.2

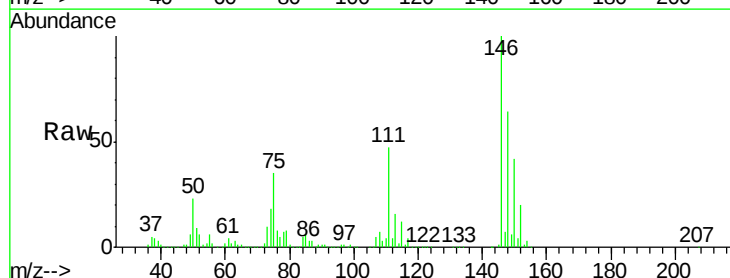


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

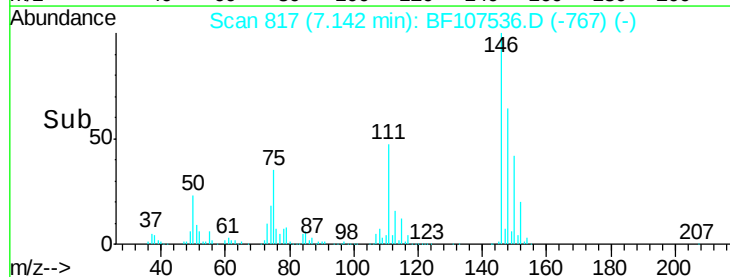
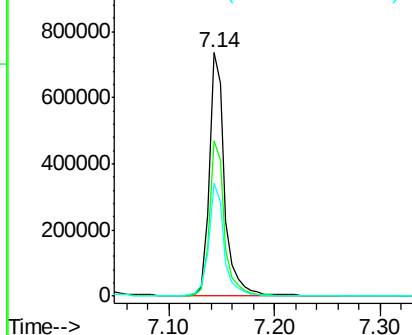


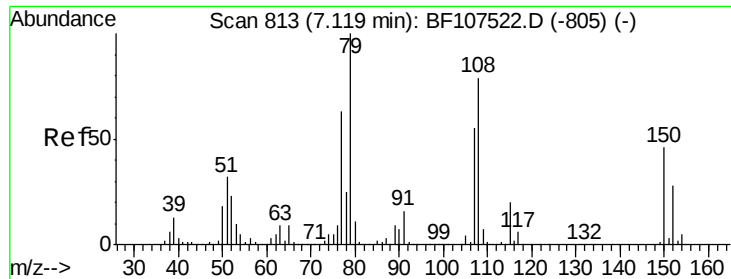
#14
 1,2-Dichlorobenzene
 Concen: 30.612 ng
 RT: 7.14 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:146 Resp: 743341
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 46.7 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

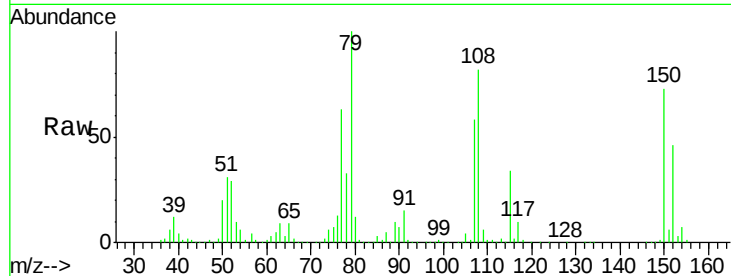




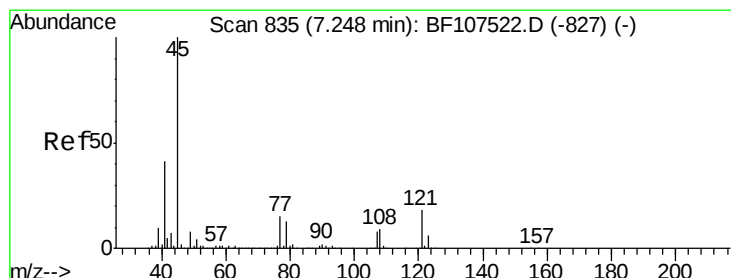
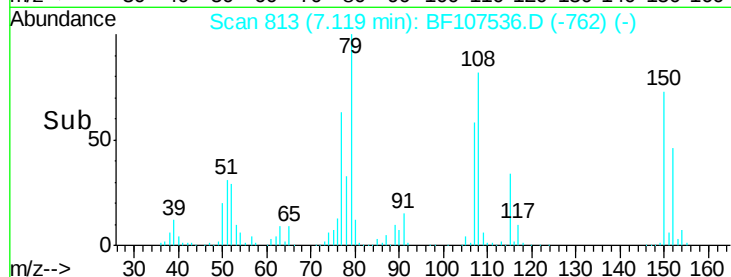
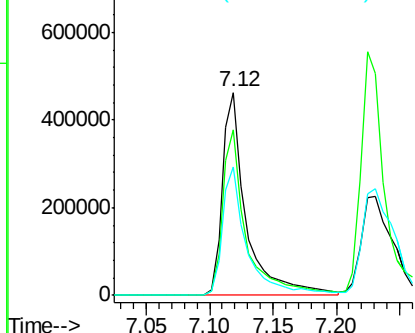
#15
Benzyl Alcohol
Concen: 33.989 ng
RT: 7.12 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

Tgt Ion: 79 Resp: 604527
Ion Ratio Lower Upper
79 100
108 81.8 65.1 97.7
77 63.4 50.6 75.8

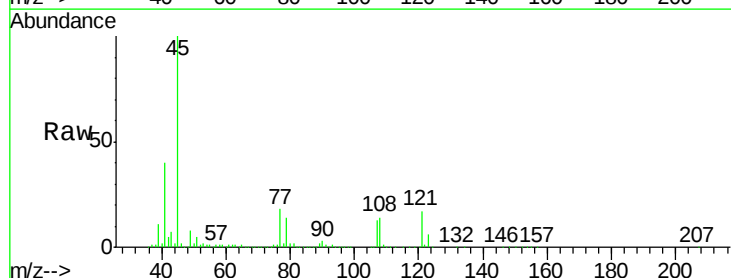


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

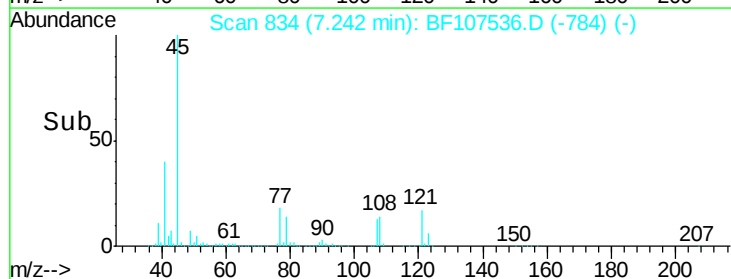
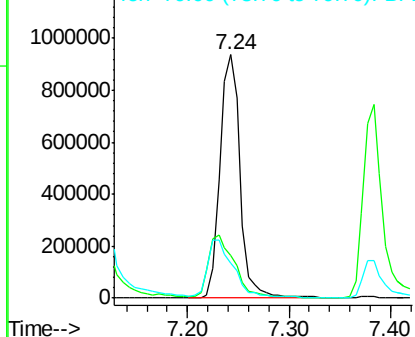


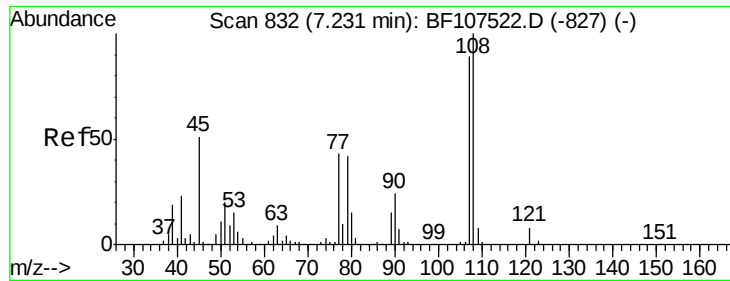
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.035 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion: 45 Resp: 1289352
Ion Ratio Lower Upper
45 100
77 17.6 0.0 32.9
79 14.2 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

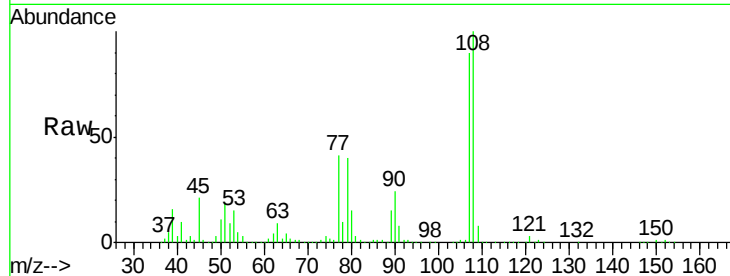




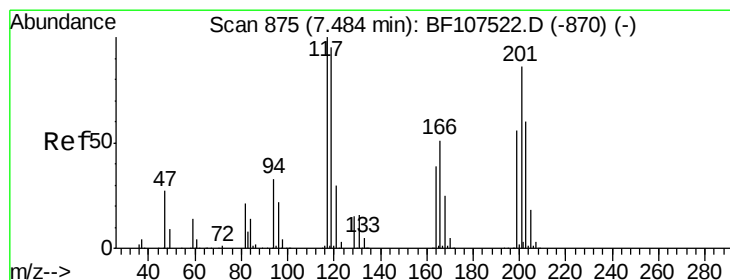
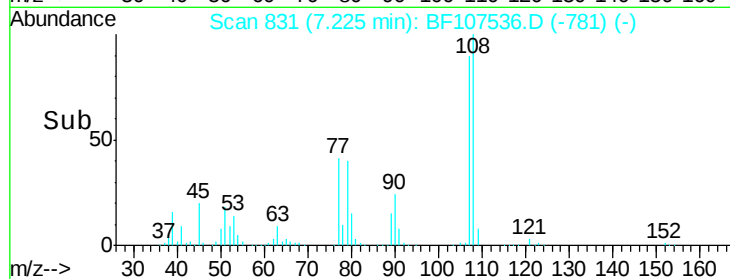
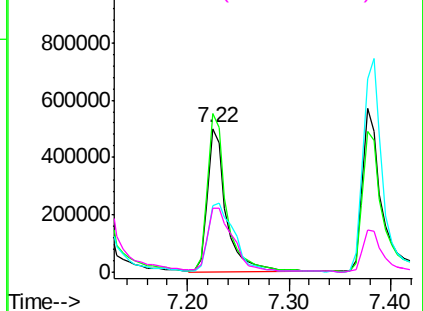
#17
2-Methylphenol
Concen: 32.542 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

Tgt Ion:107 Resp: 644045
Ion Ratio Lower Upper
107 100
108 110.7 91.7 137.5
77 45.9 33.8 50.8
79 44.4 33.8 50.8

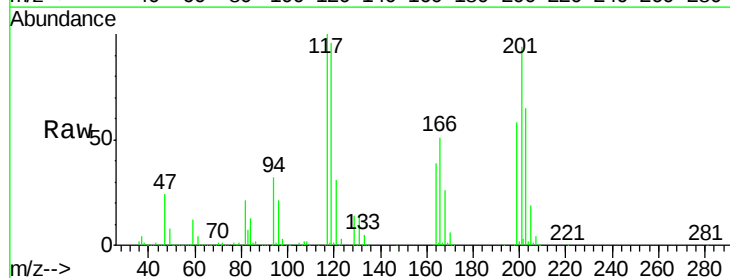


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

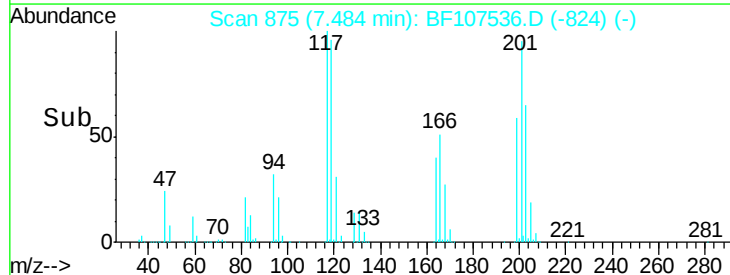
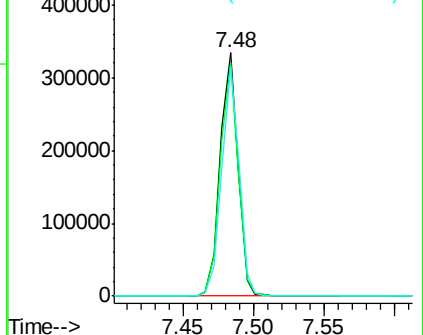


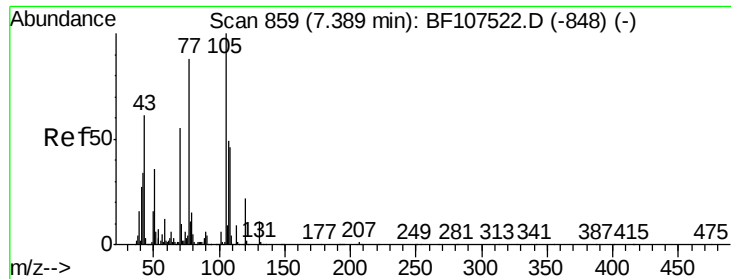
#18
Hexachloroethane
Concen: 30.820 ng
RT: 7.48 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion:117 Resp: 292504
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 94.2 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

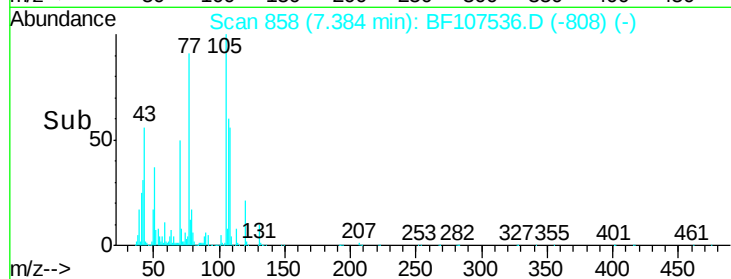
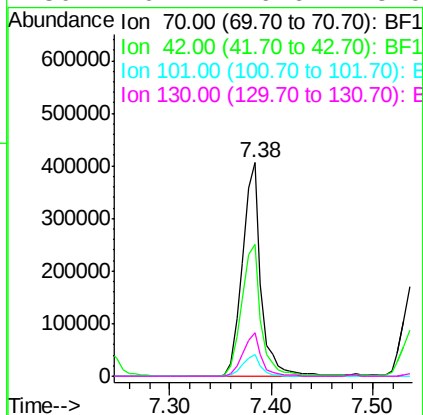
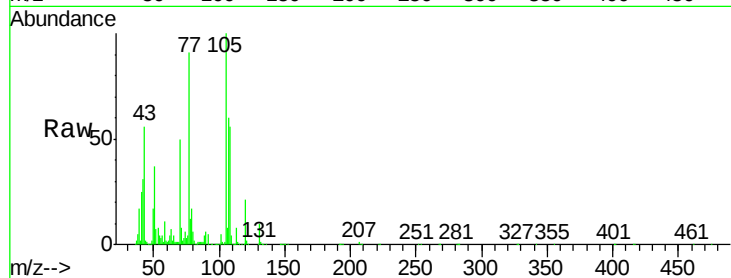




#19
n-Nitroso-di-n-propylamine
Concen: 30.591 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

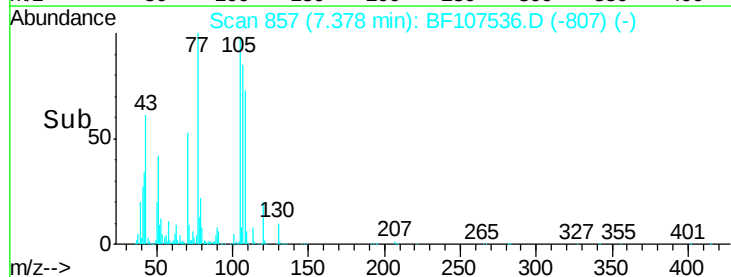
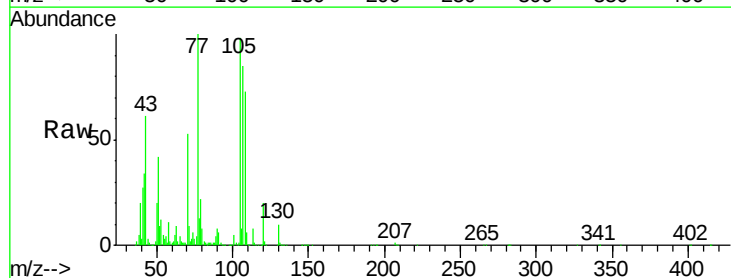
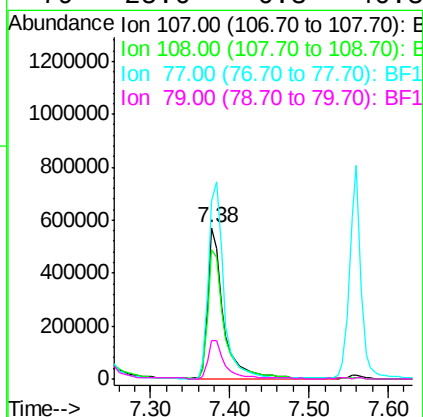
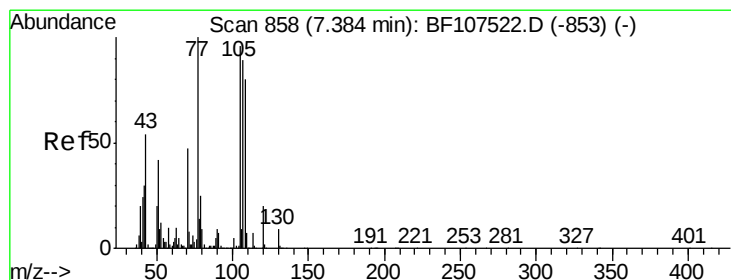
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

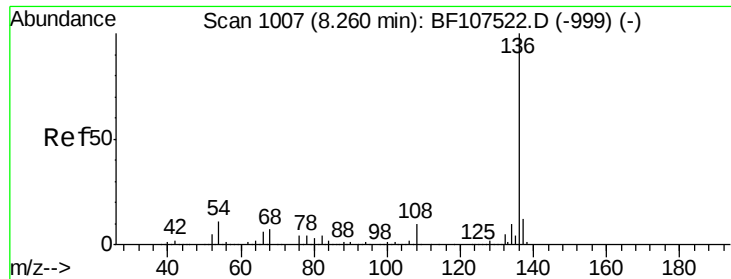
Tgt Ion:	70	Resp:	515743
Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.5	71.3
101	10.1	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.505 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion:	107	Resp:	787371
Ion	Ratio	Lower	Upper
107	100		
108	85.6	68.2	108.2
77	117.9	26.7	66.7#
79	25.6	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: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

Tgt Ion:136 Resp: 1334548

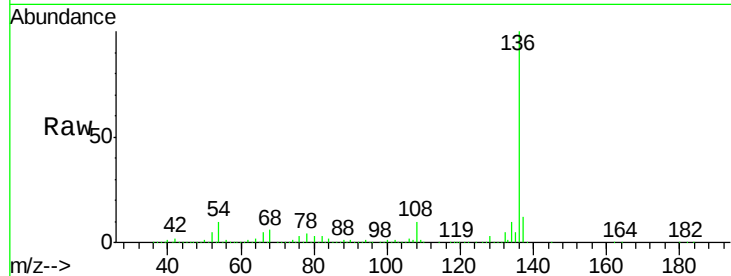
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 9.9 6.6 9.8#

68 5.8 5.0 7.4

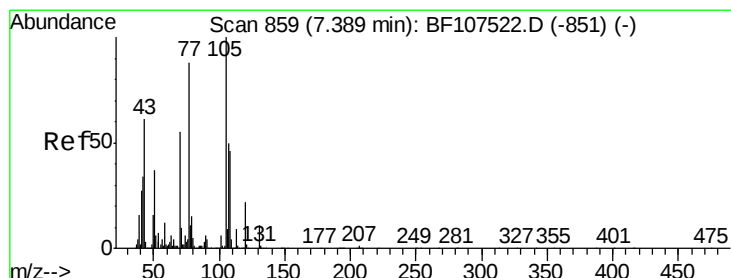
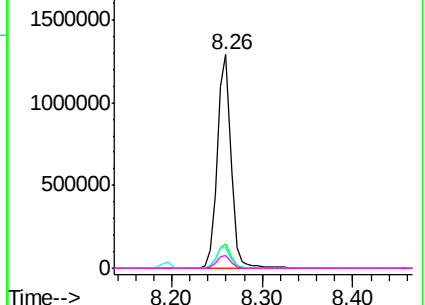
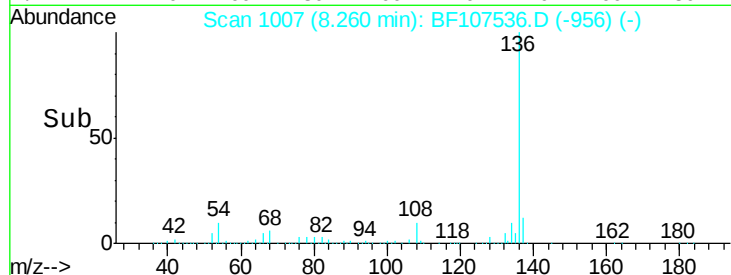


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.658 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Tgt Ion:105 Resp: 1054913

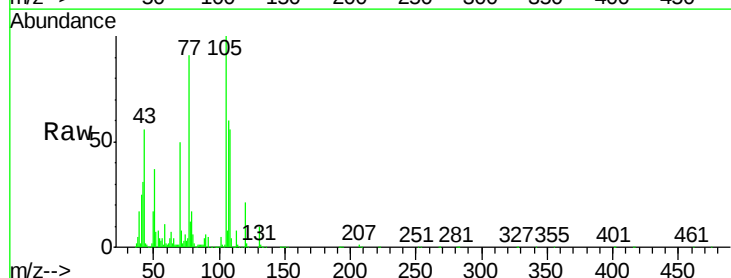
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 37.1 22.3 33.5#

120 21.2 16.9 25.3

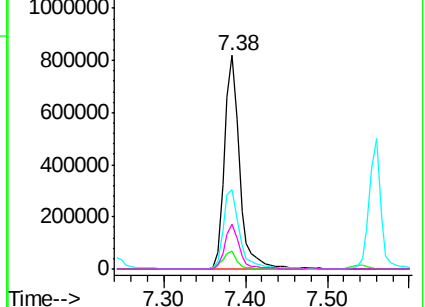
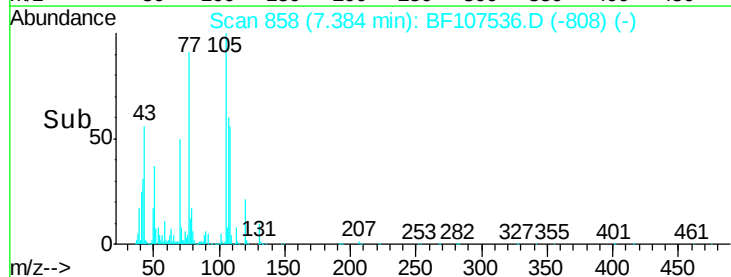


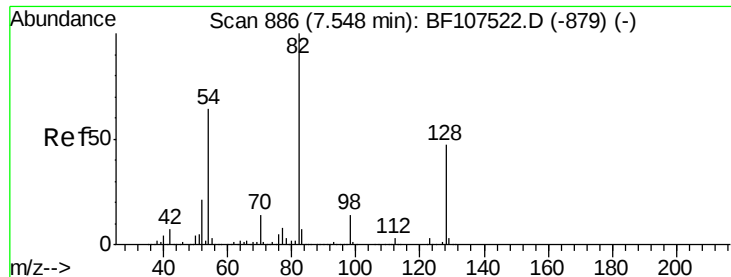
Abundance Ion 105.00 (104.70 to 105.70): E

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

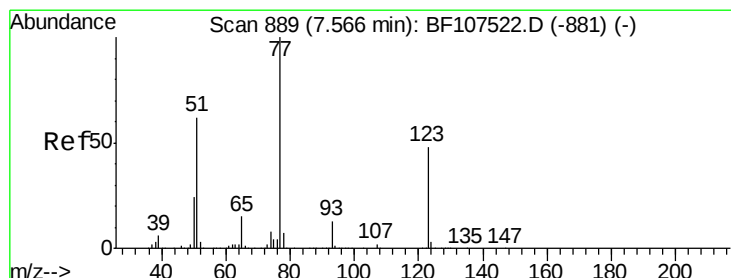
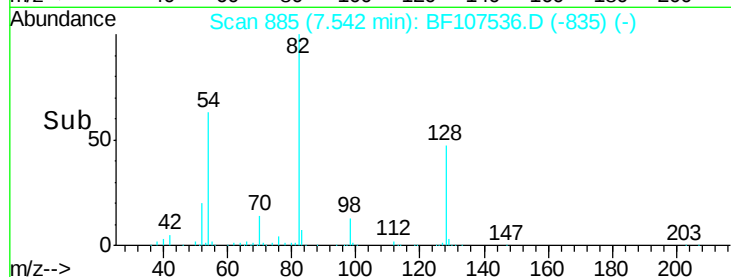
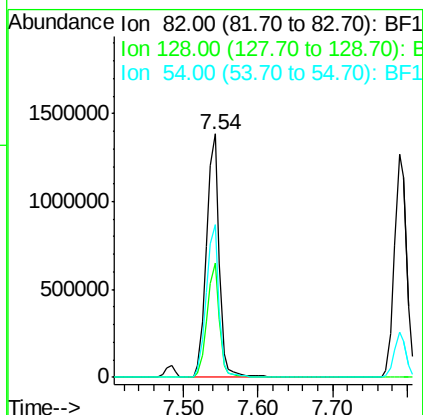
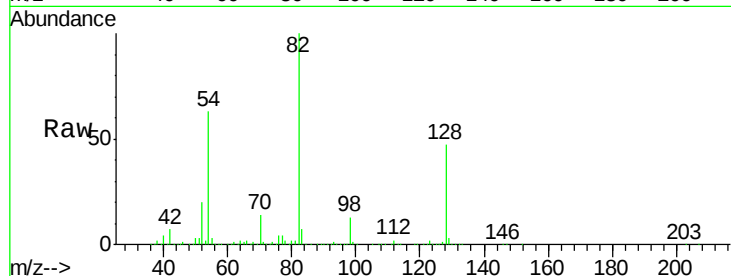




#23
 Nitrobenzene-d5
 Concen: 83.984 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

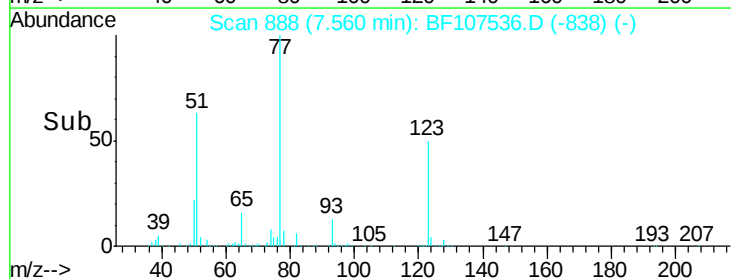
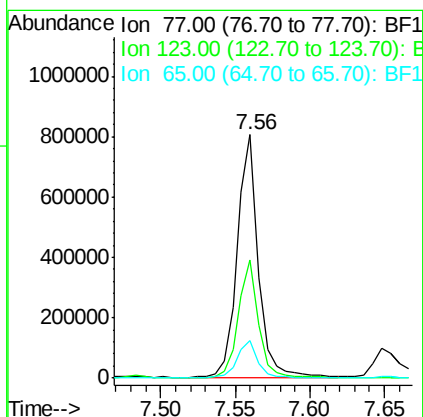
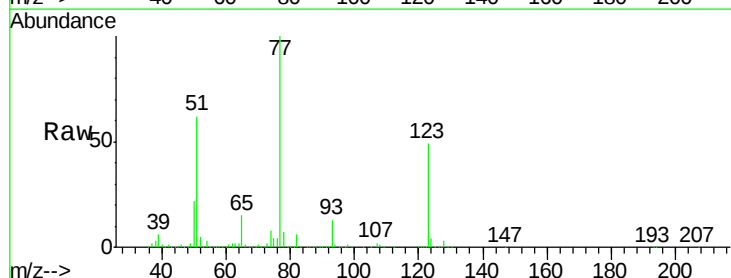
Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

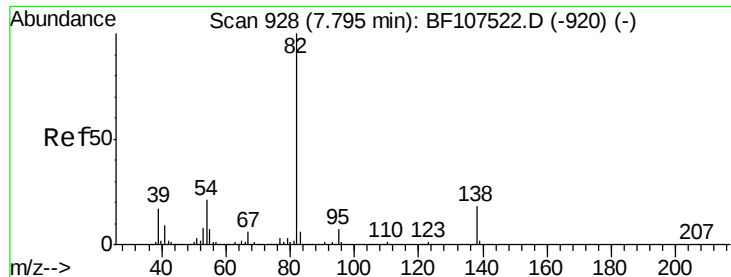
Tgt Ion: 82 Resp: 1660766
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 62.9 41.4 62.2#



#24
 Nitrobenzene
 Concen: 35.296 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion: 77 Resp: 799422
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.9 56.9
 65 15.3 11.0 16.4

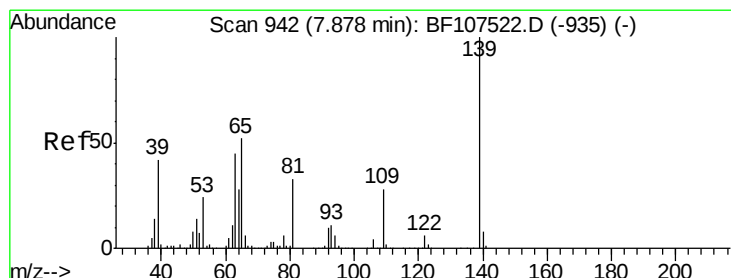
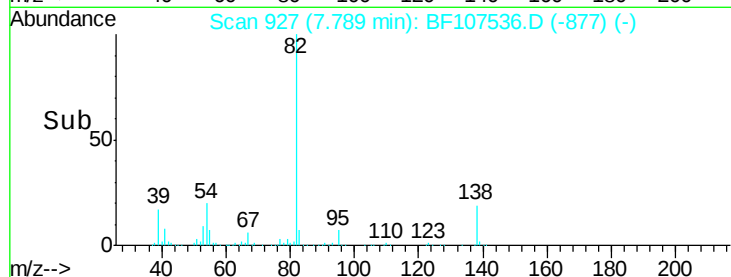
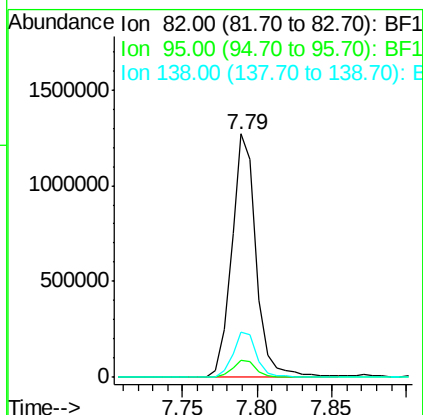
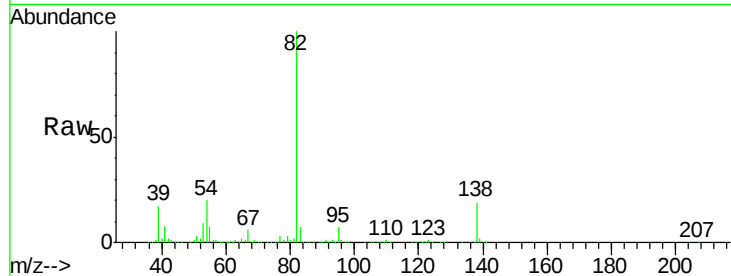




#25
Isophorone
Concen: 34.555 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

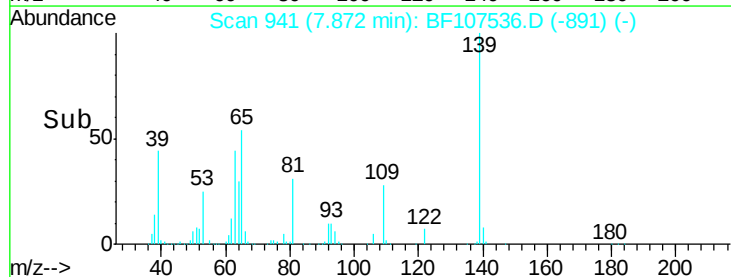
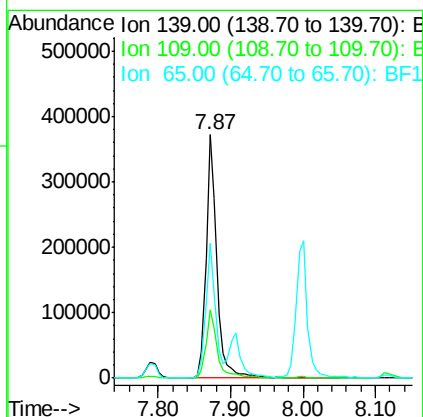
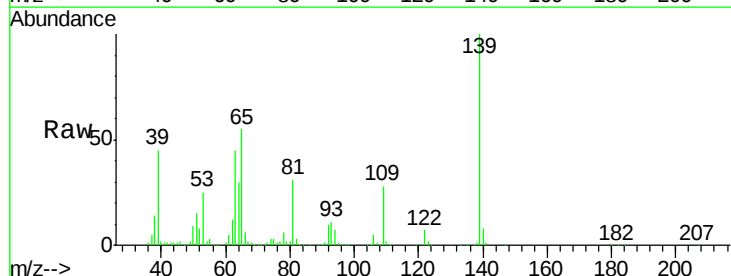
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

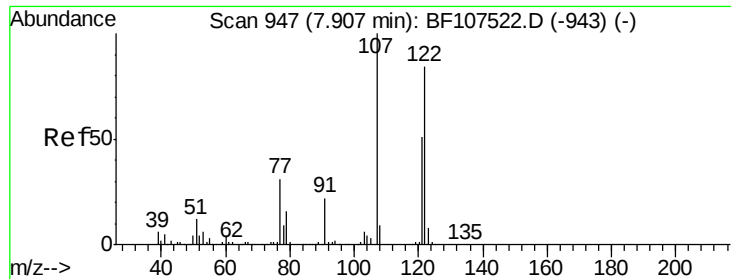
Tgt Ion: 82 Resp: 1458972
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 40.335 ng
RT: 7.87 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion: 139 Resp: 385785
Ion Ratio Lower Upper
139 100
109 28.1 22.7 34.1
65 55.3 40.5 60.7

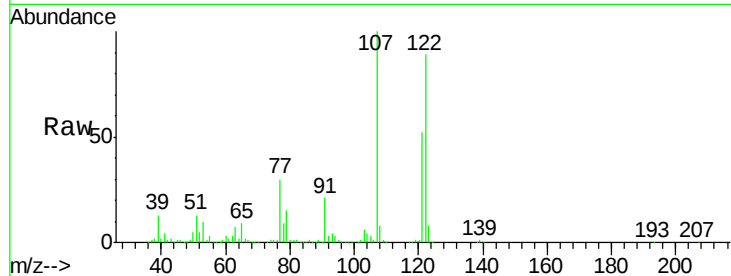




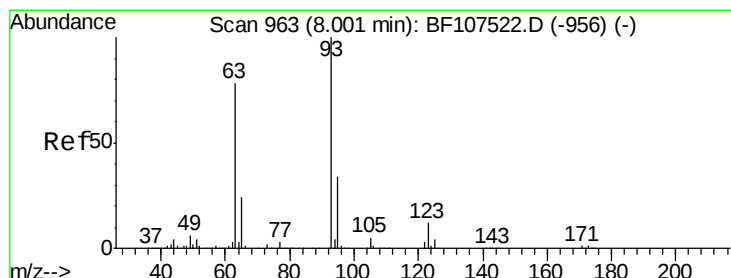
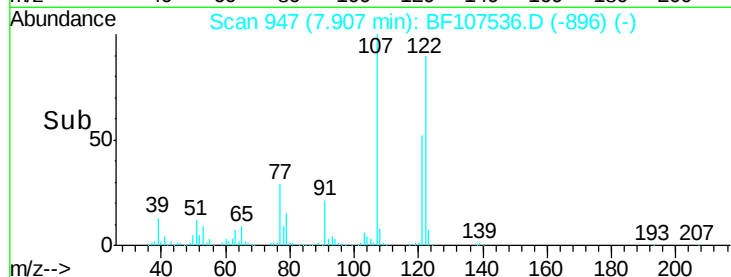
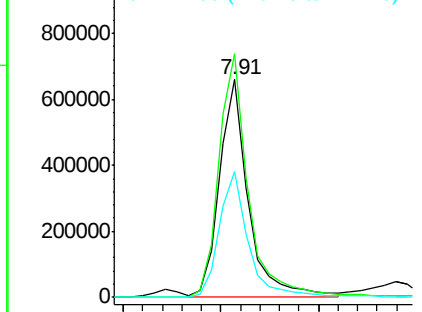
#27
 2,4-Dimethylphenol
 Concen: 37.564 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion:122 Resp: 680094
 Ion Ratio Lower Upper
 122 100
 107 111.8 91.2 136.8
 121 57.9 47.2 70.8

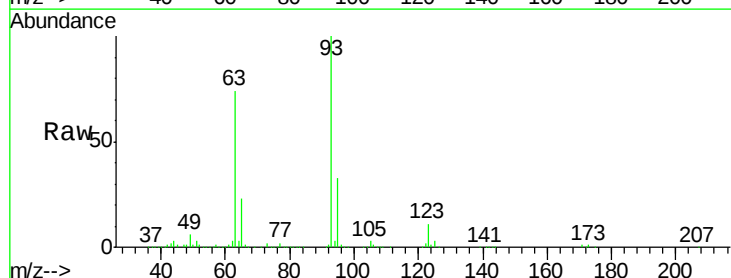


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

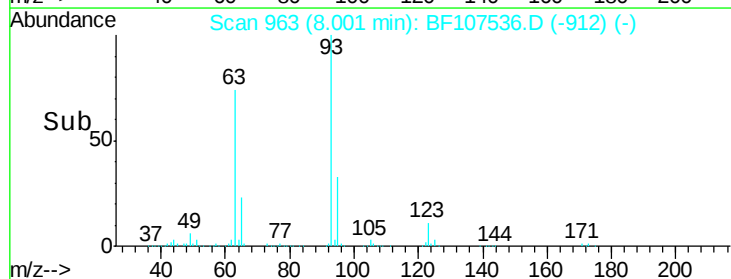
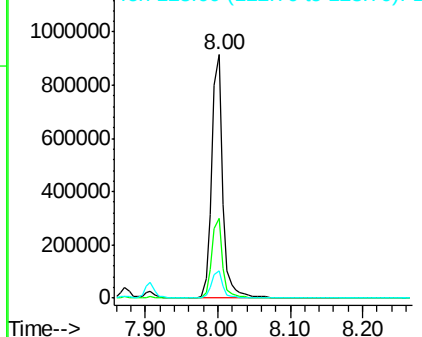


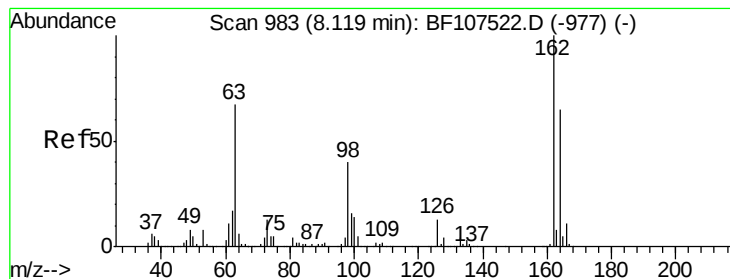
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.143 ng
 RT: 8.00 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion: 93 Resp: 963401
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.2 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 35.170 ng

RT: 8.12 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

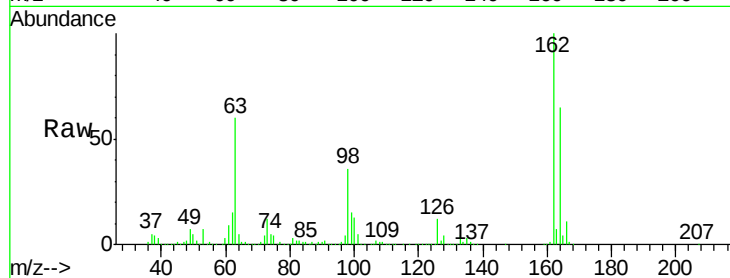
Tgt Ion:162 Resp: 650818

Ion Ratio Lower Upper

162 100

164 65.4 42.7 82.7

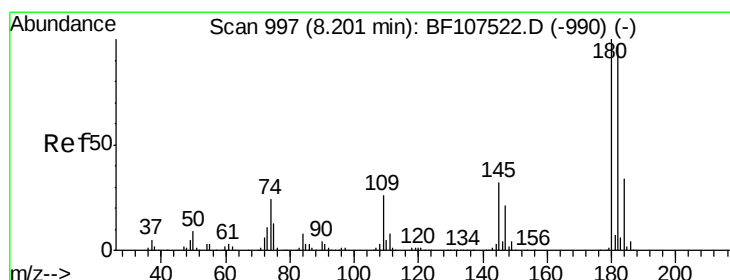
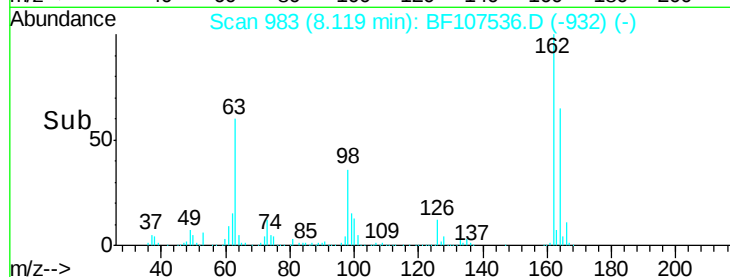
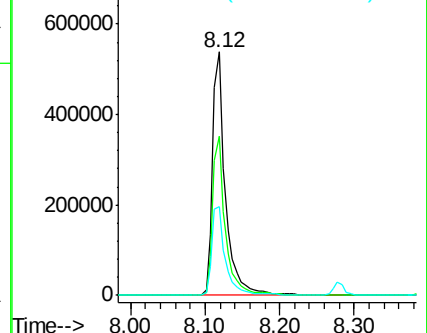
98 36.2 18.1 58.1



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: 31.804 ng

RT: 8.20 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

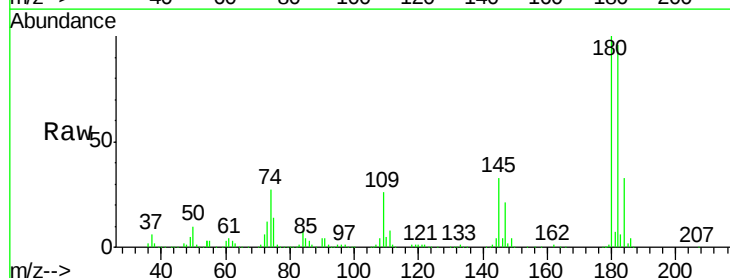
Tgt Ion:180 Resp: 661022

Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

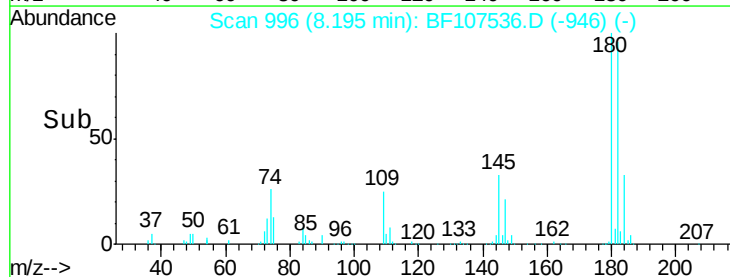
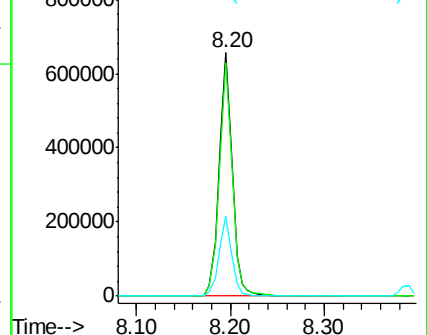
145 32.9 26.5 39.7

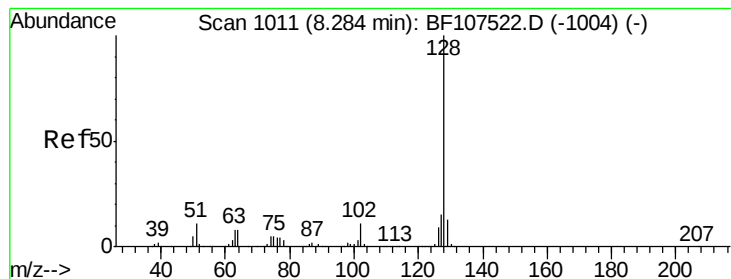


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.800 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

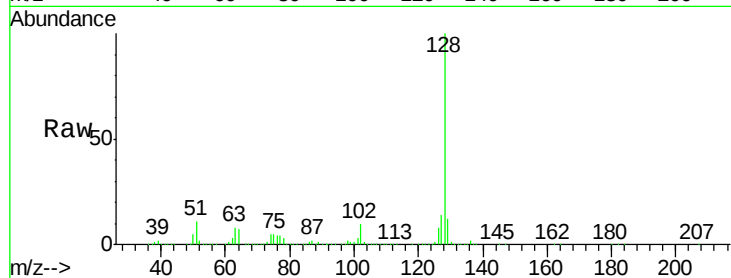
Tgt Ion:128 Resp: 2042285

Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

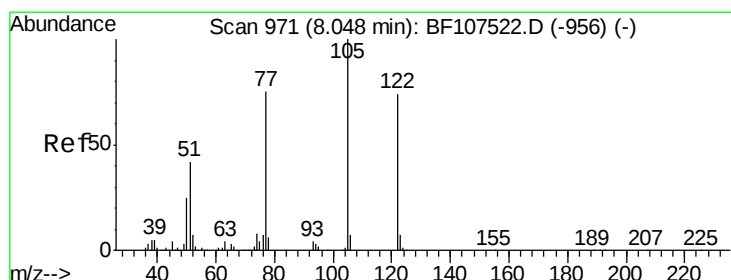
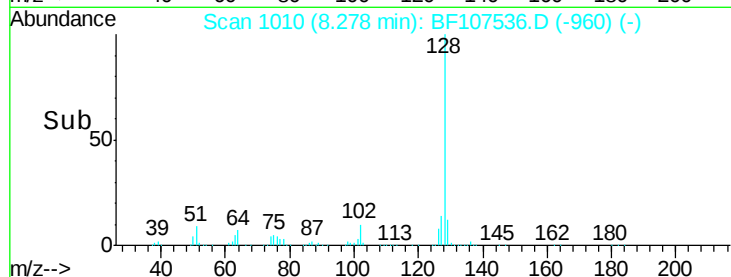
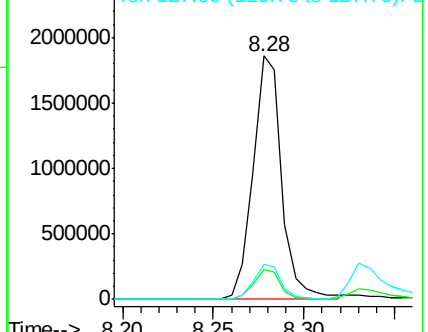
127 14.2 10.9 16.3



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: 14.735 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

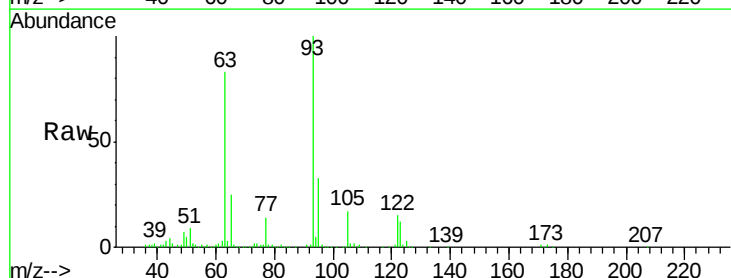
Tgt Ion:122 Resp: 103413

Ion Ratio Lower Upper

122 100

105 114.0 101.1 141.1

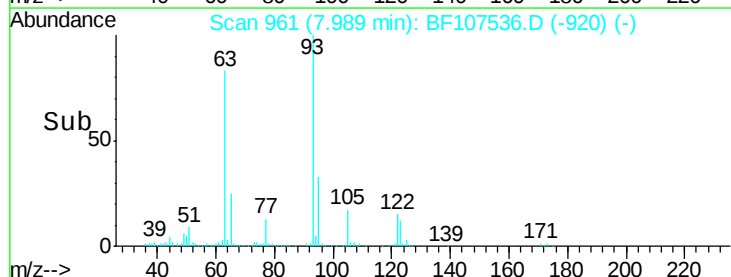
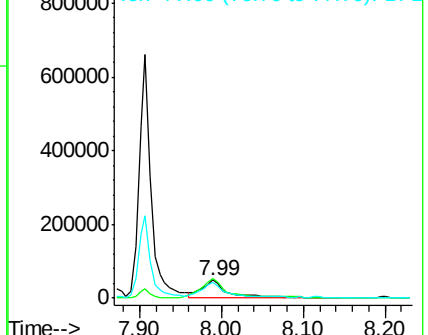
77 89.1 70.7 110.7

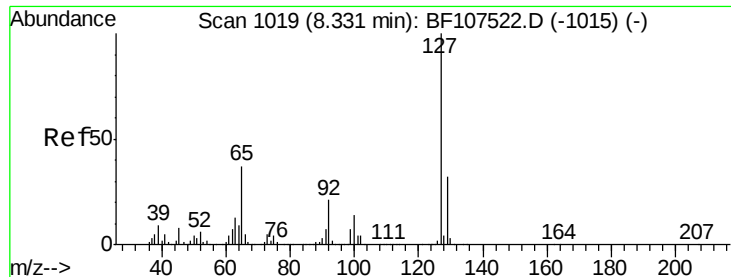


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

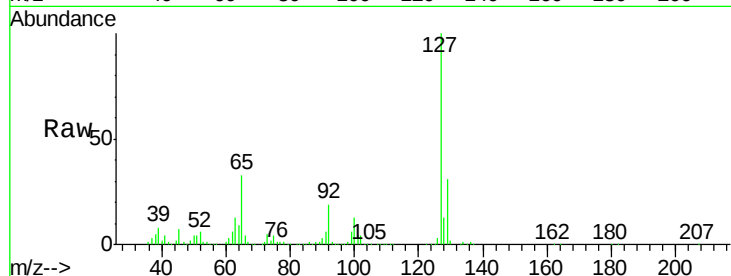




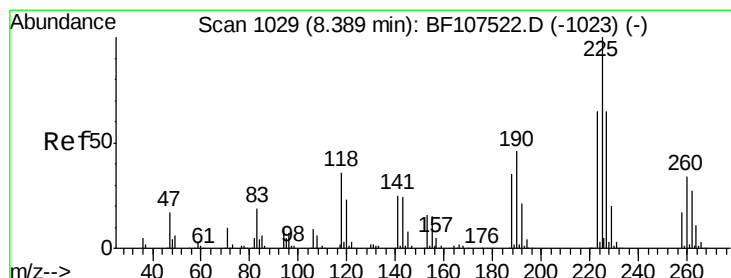
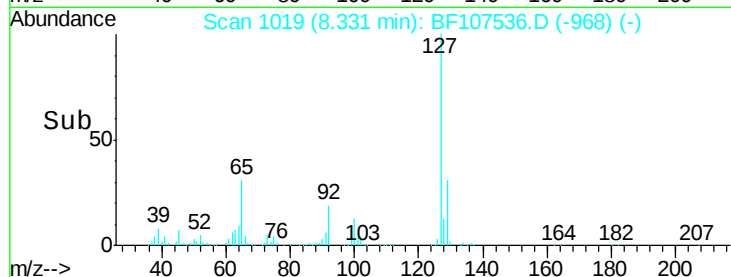
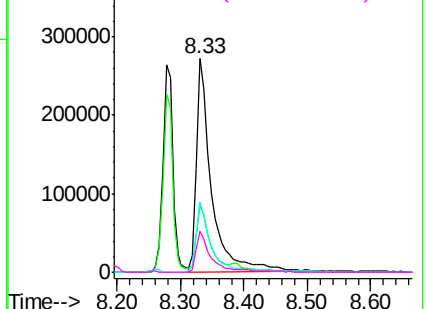
#33
4-Chloroaniline
Concen: 17.354 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

Tgt Ion:	127	Resp:	445137
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	32.7	25.0	37.4
92	19.1	15.2	22.8

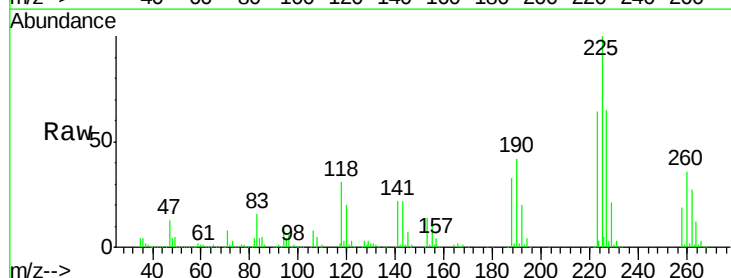


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

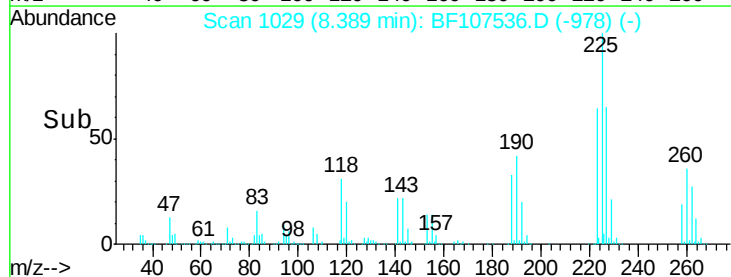
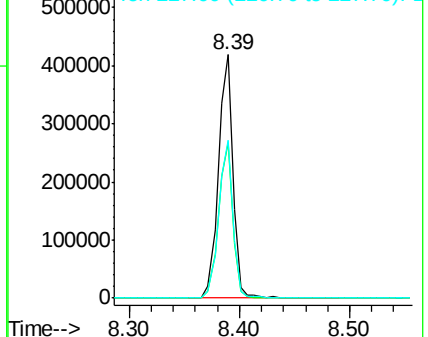


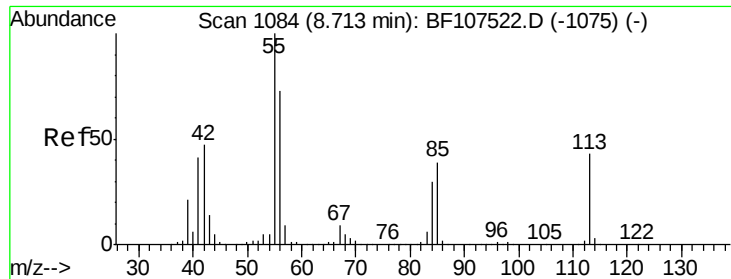
#34
Hexachlorobutadiene
Concen: 31.193 ng
RT: 8.39 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion:	225	Resp:	385238
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.8	51.9	77.9



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

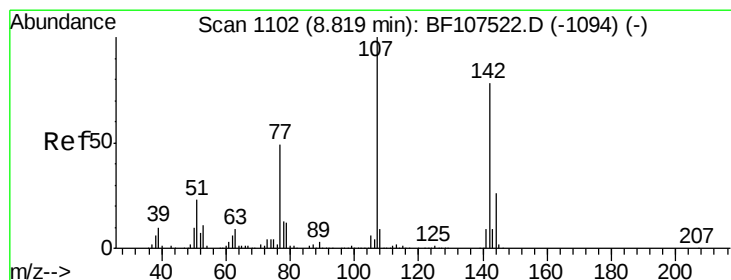
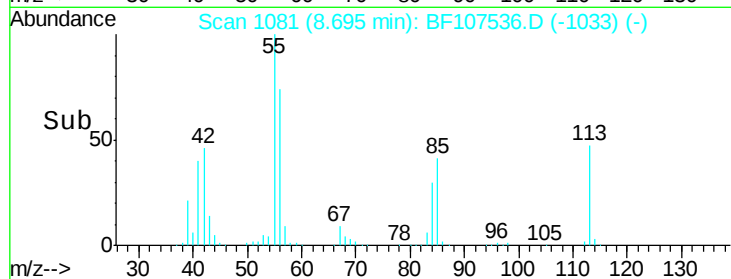
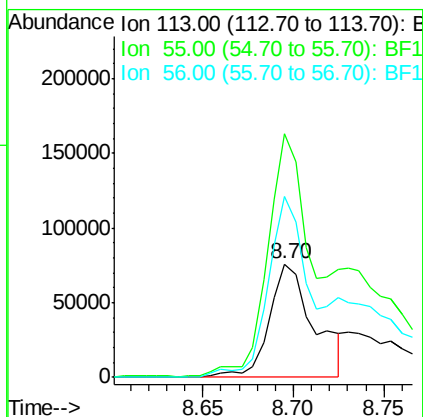
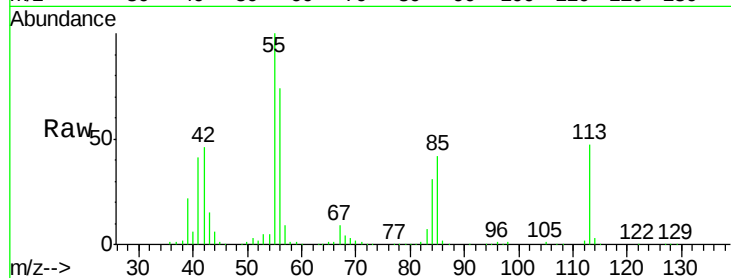




#35
 Caprolactam
 Concen: 21.662 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

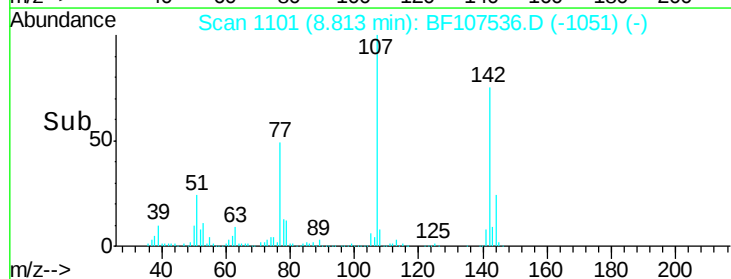
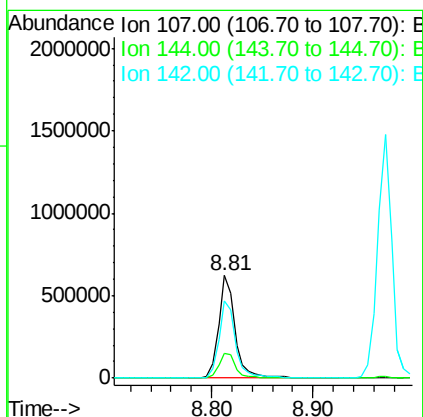
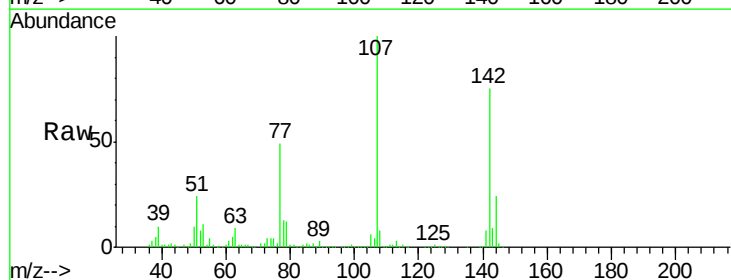
Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

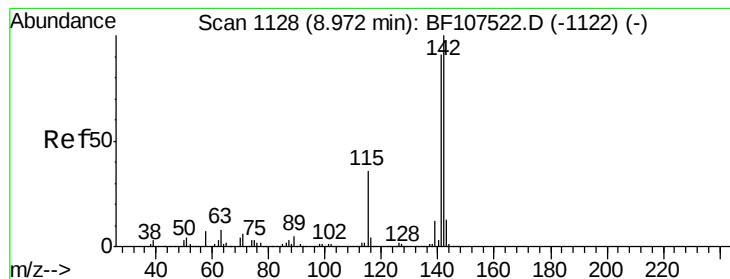
Tgt Ion:113 Resp: 130381
 Ion Ratio Lower Upper
 113 100
 55 214.4 163.3 203.3#
 56 158.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 34.198 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:107 Resp: 702959
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 75.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.652 ng

RT: 8.97 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

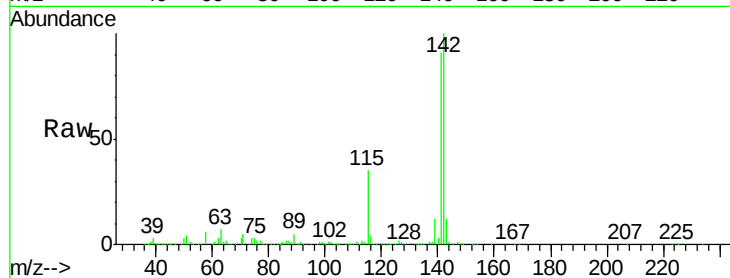
Tgt Ion:142 Resp: 1449848

Ion Ratio Lower Upper

142 100

141 91.0 70.8 106.2

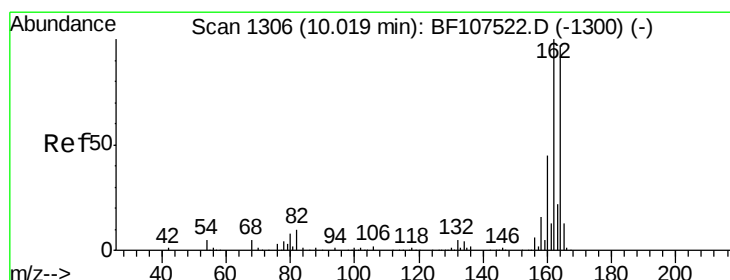
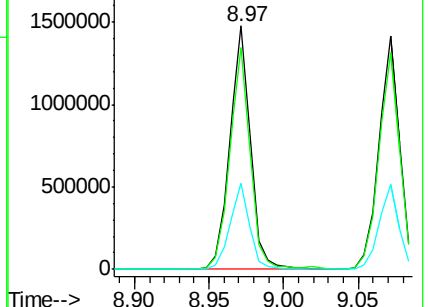
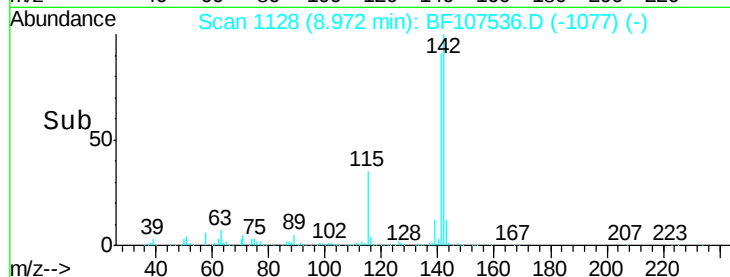
115 35.3 26.1 39.1



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: BF107536.D

Acq: 20 Jul 2018 20:58

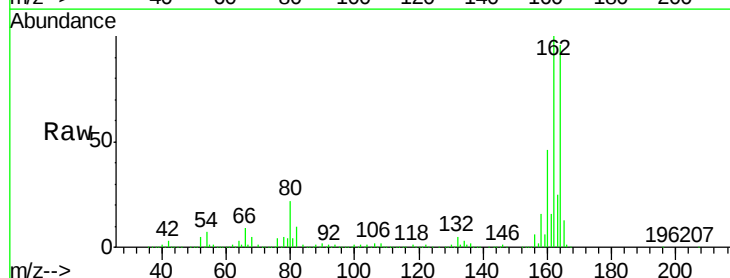
Tgt Ion:164 Resp: 600700

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

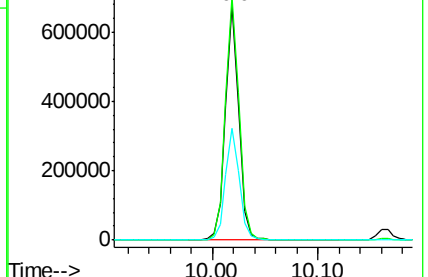
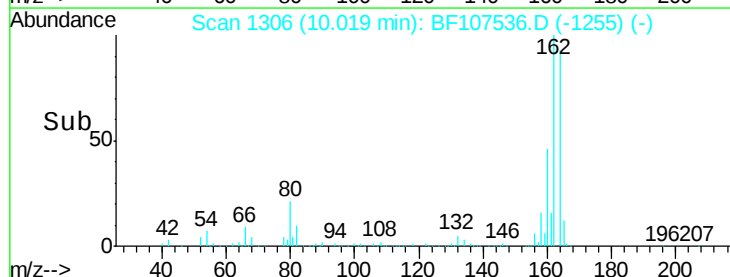
160 48.0 38.3 57.5

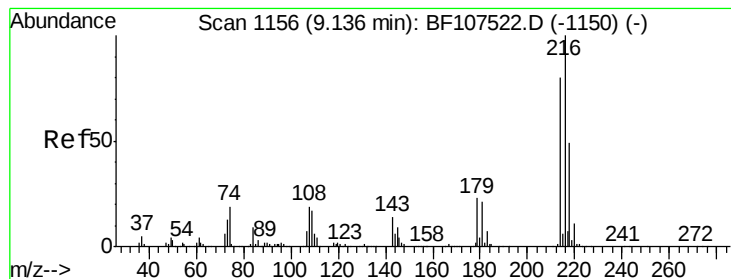


Abundance Ion 164.00 (163.70 to 164.70): E

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: 32.654 ng

RT: 9.14 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

Tgt Ion:216 Resp: 654251

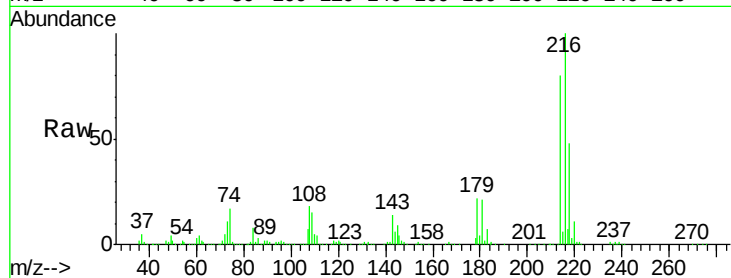
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 21.2 18.1 27.1

108 21.9 17.2 25.8

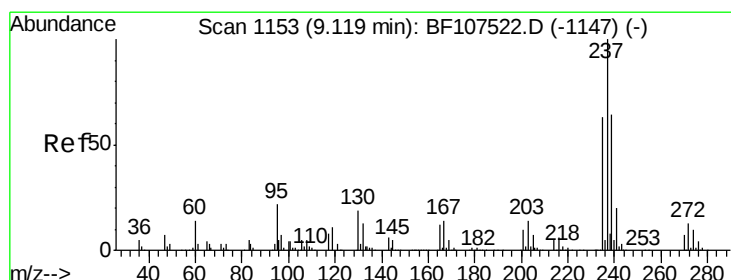
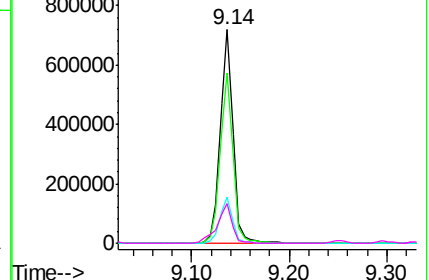
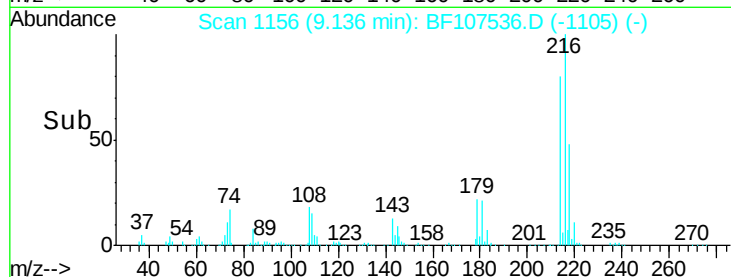


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.804 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

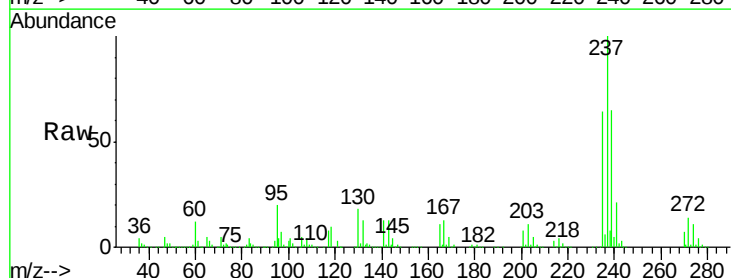
Tgt Ion:237 Resp: 670221

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

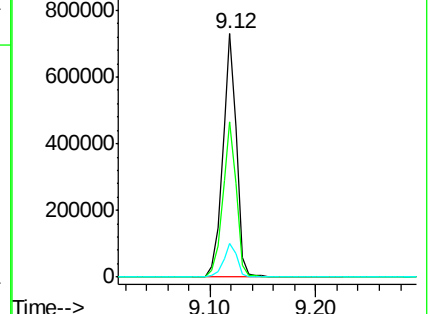
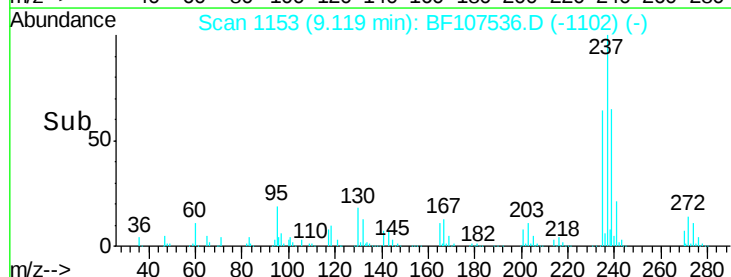
272 14.0 0.0 33.3

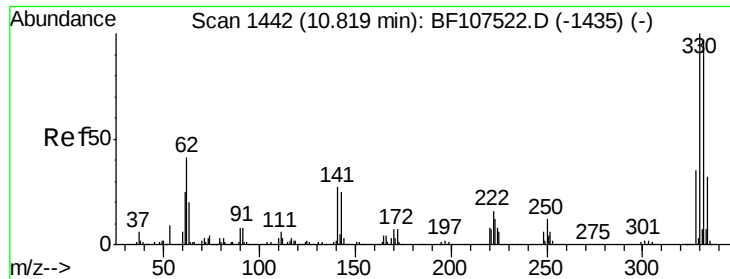


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

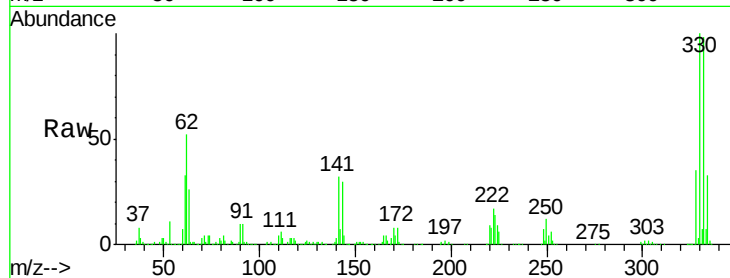




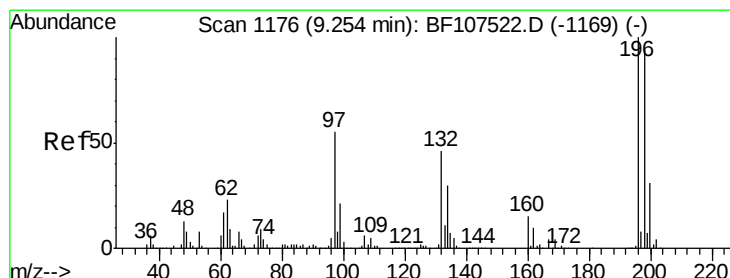
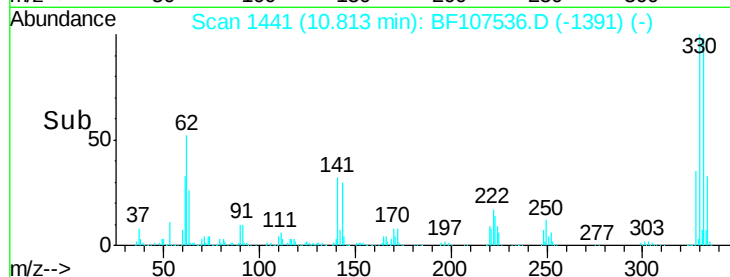
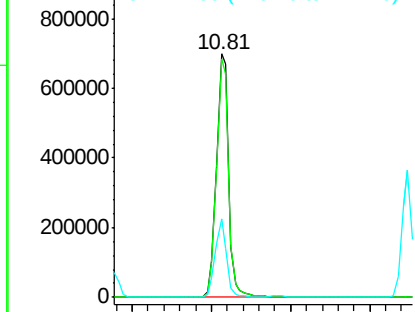
#41
 2,4,6-Tribromophenol
 Concen: 109.784 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion:330 Resp: 749921
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 30.2 29.9 44.9

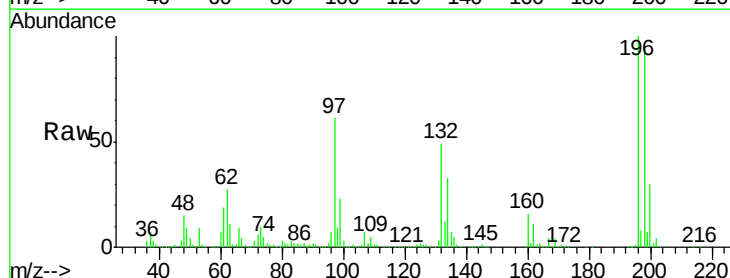


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

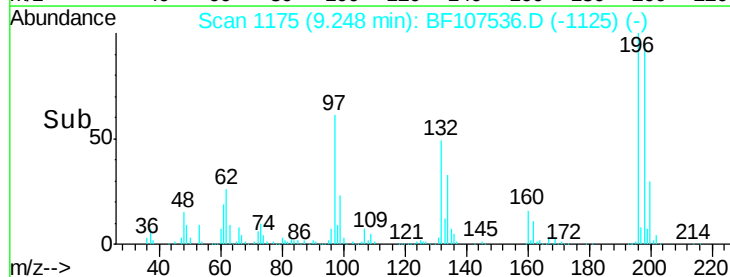
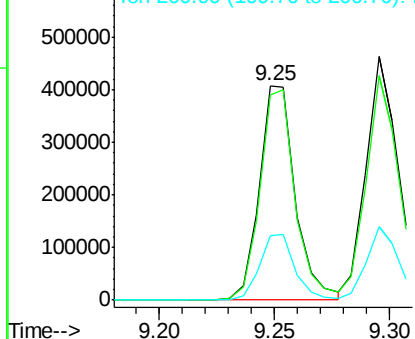


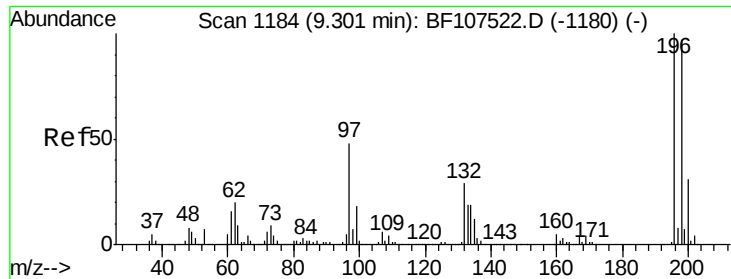
#42
 2,4,6-Trichlorophenol
 Concen: 34.479 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:196 Resp: 442181
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 30.0 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

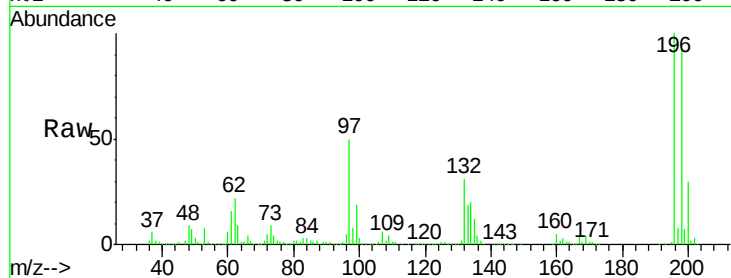




#43
 2,4,5-Trichlorophenol
 Concen: 36.345 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	74.6	112.0
97	50.4	42.9	64.3
132	30.7	26.3	39.5



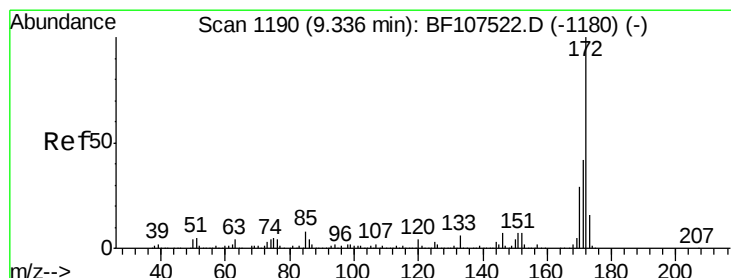
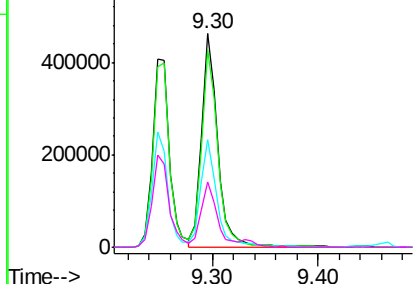
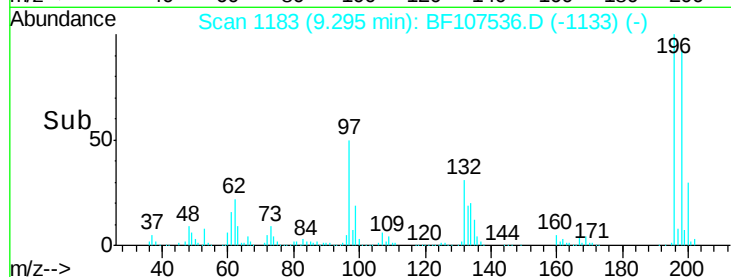
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

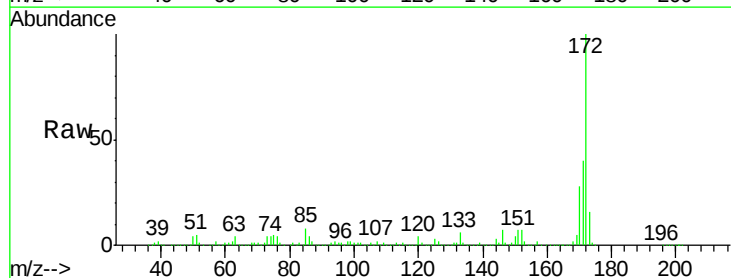
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.325 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	29.7	44.5
170	27.8	19.6	29.4

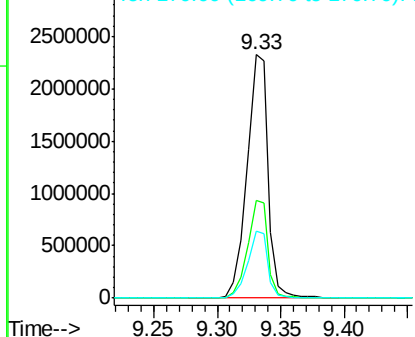
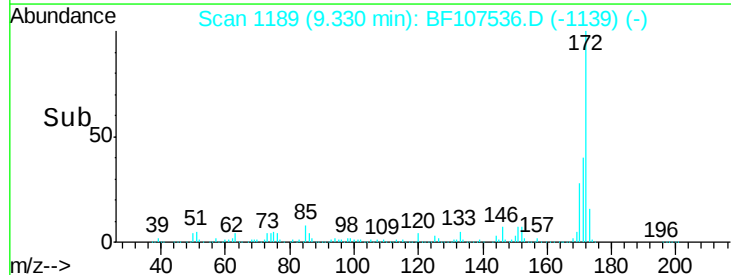


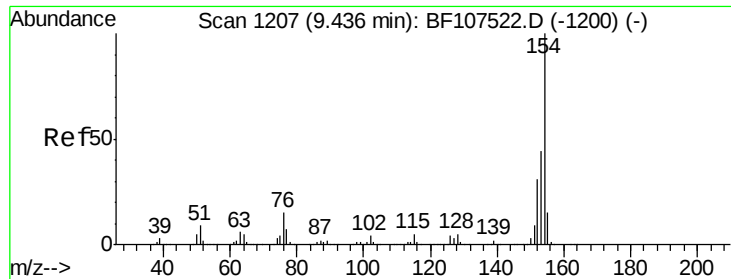
Abundance

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

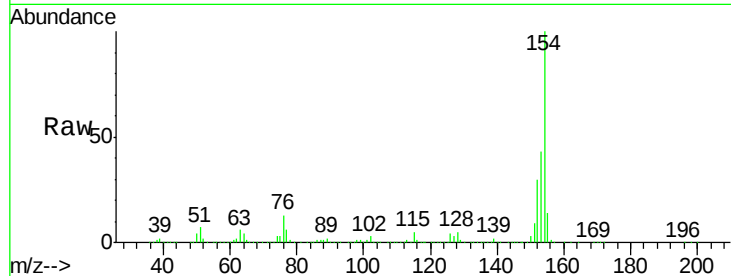




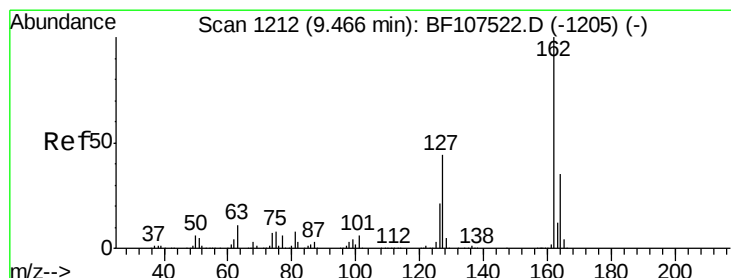
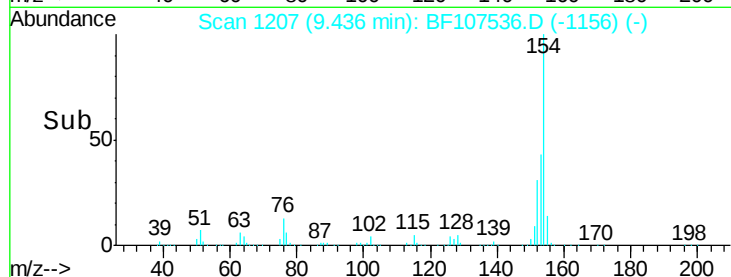
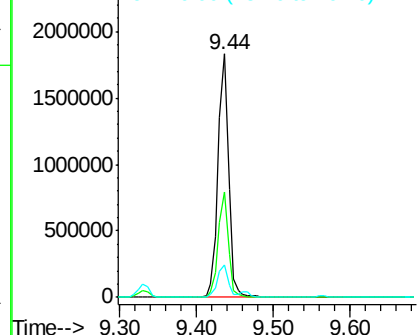
#45
 1,1'-Biphenyl
 Concen: 32.696 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion:154 Resp: 1710905
 Ion Ratio Lower Upper
 154 100
 153 43.0 21.3 61.3
 76 13.4 0.0 34.0

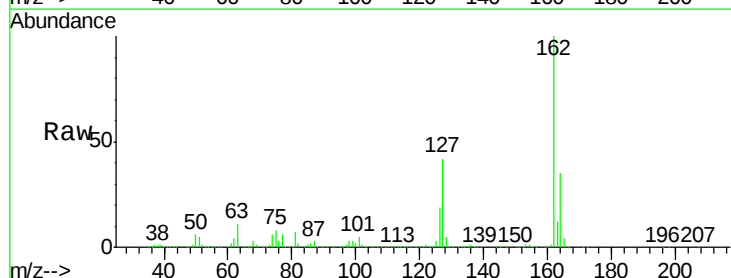


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

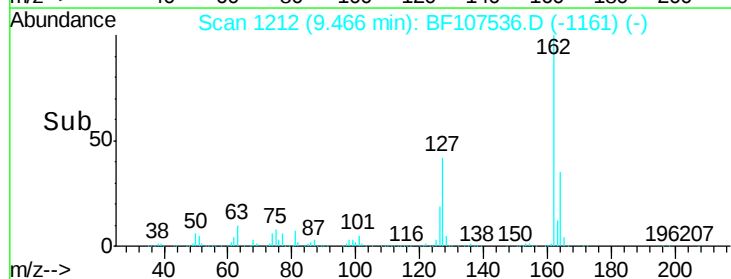
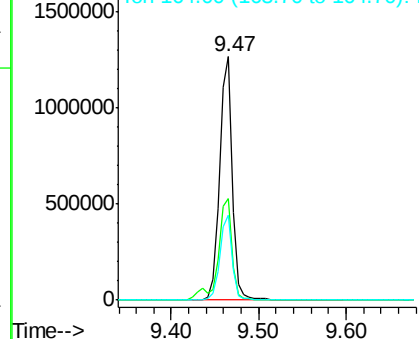


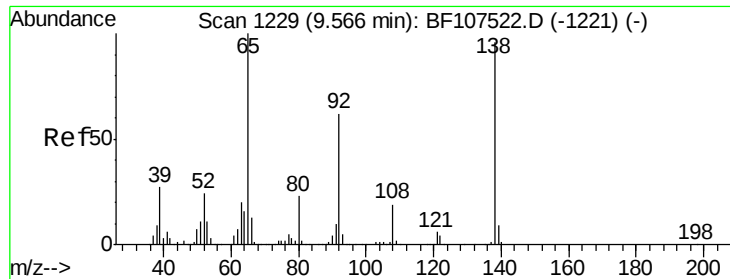
#46
 2-Chloronaphthalene
 Concen: 31.826 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:162 Resp: 1272963
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 35.1 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

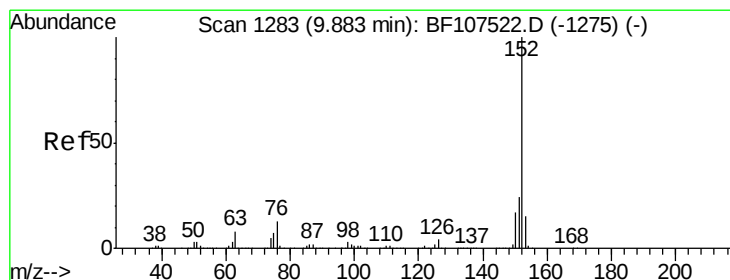
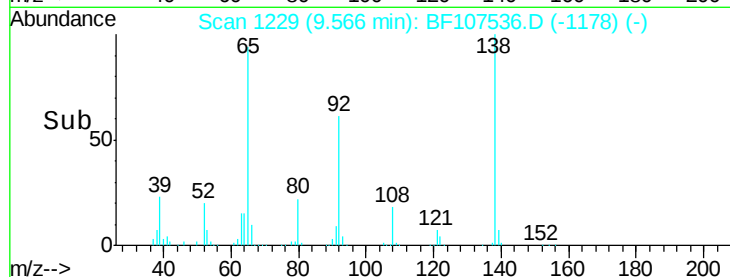
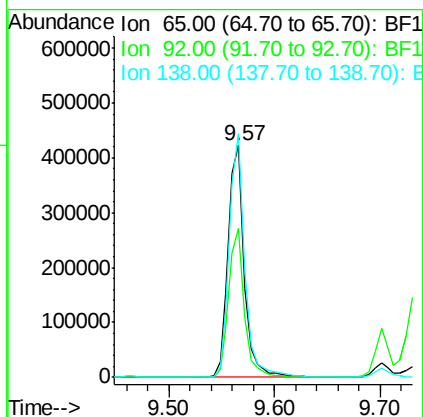
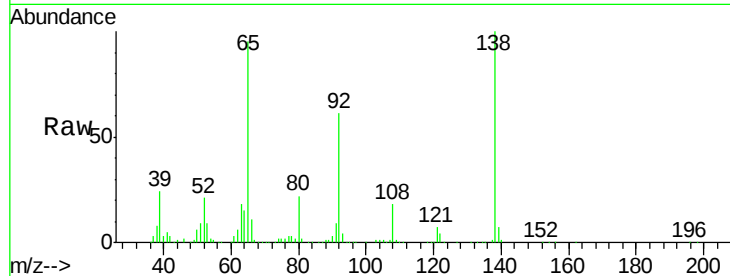




#47
2-Nitroaniline
Concen: 38.245 ng
RT: 9.57 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

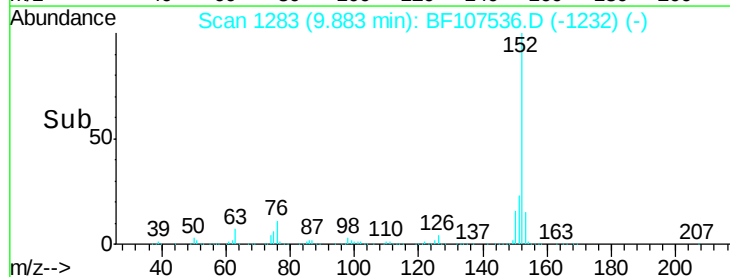
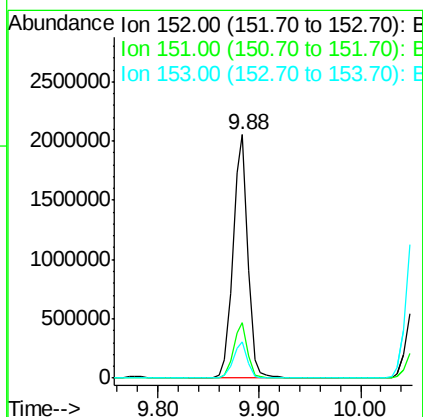
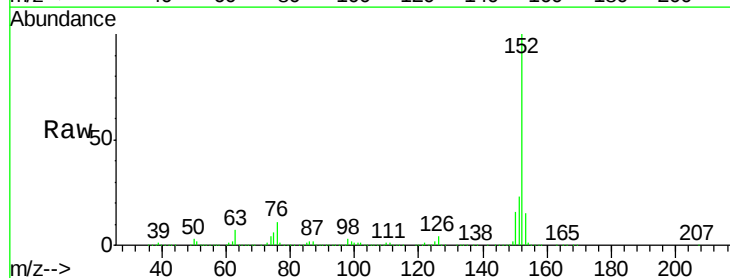
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

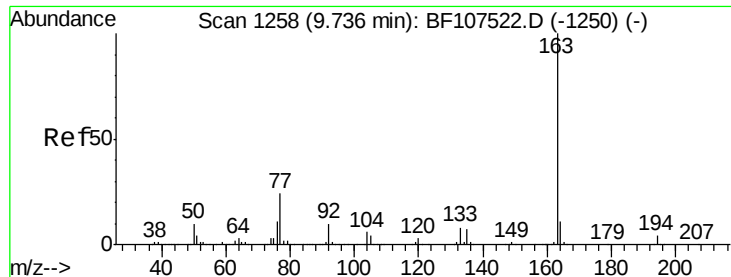
Tgt Ion: 65 Resp: 445966
Ion Ratio Lower Upper
65 100
92 64.2 55.8 83.6
138 105.1 91.2 136.8



#48
Acenaphthylene
Concen: 34.610 ng
RT: 9.88 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion: 152 Resp: 2079539
Ion Ratio Lower Upper
152 100
151 22.6 16.3 24.5
153 14.8 10.7 16.1





#49

Dimethylphthalate

Concen: 38.469 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

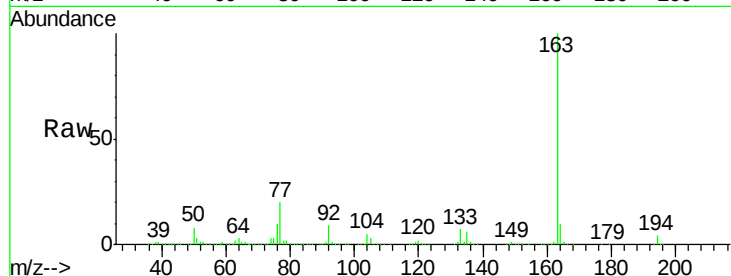
Tgt Ion:163 Resp: 1741611

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

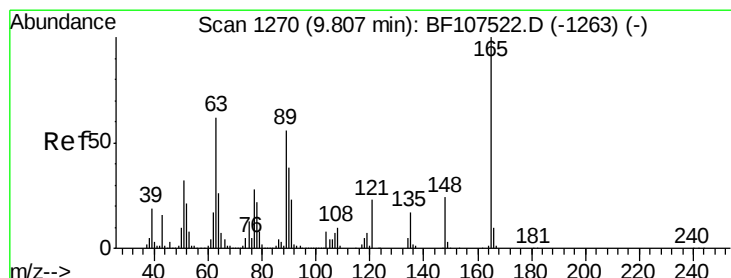
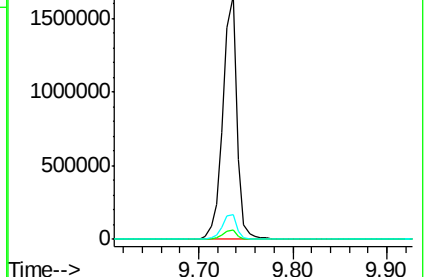
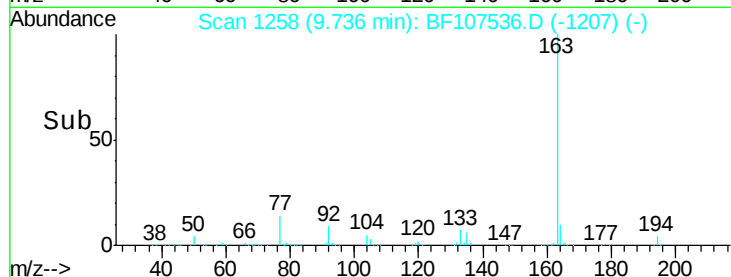
164 10.4 8.2 12.2



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: 37.218 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

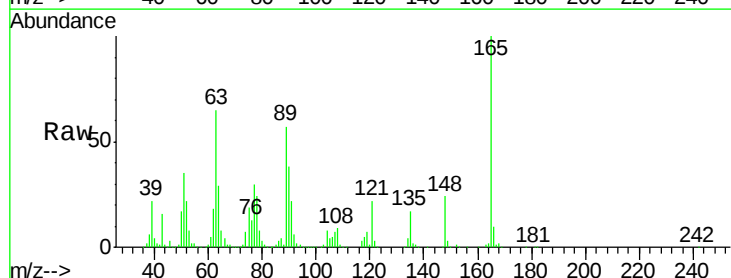
Tgt Ion:165 Resp: 334537

Ion Ratio Lower Upper

165 100

63 65.2 44.7 67.1

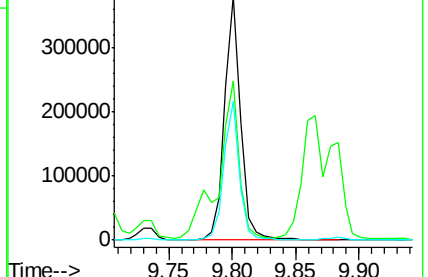
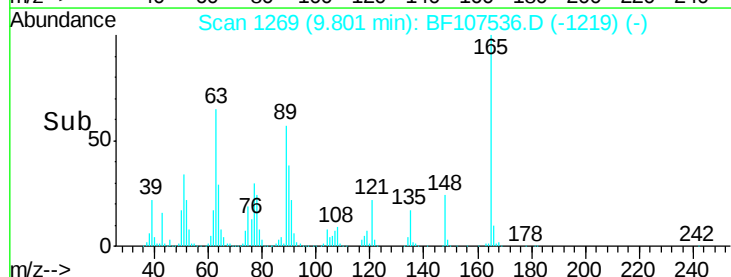
89 56.8 44.0 66.0

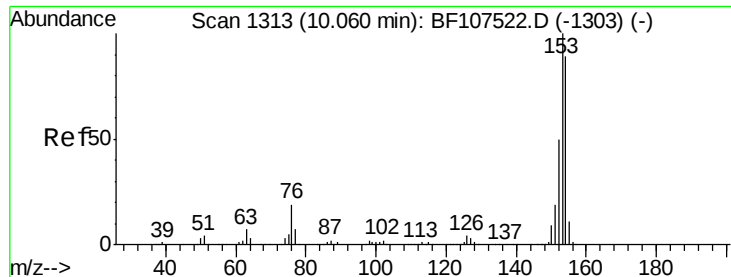


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.919 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

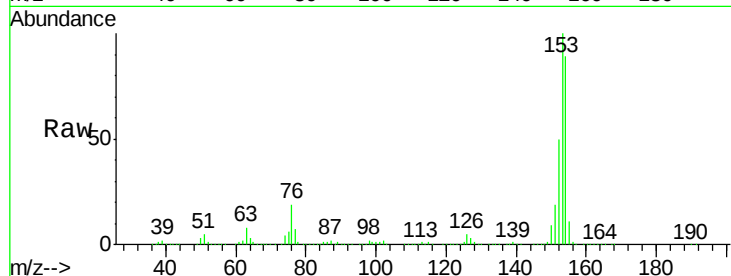
Tgt Ion:154 Resp: 1201642

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

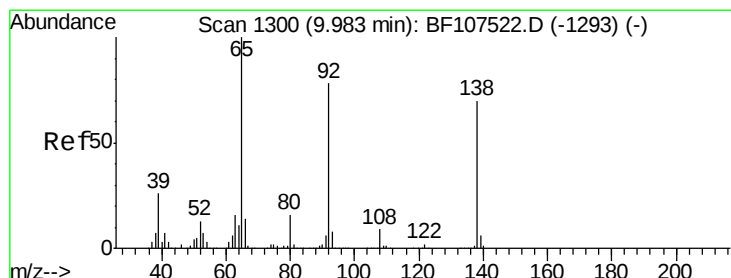
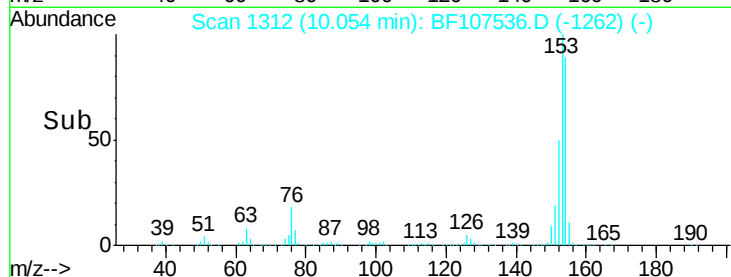
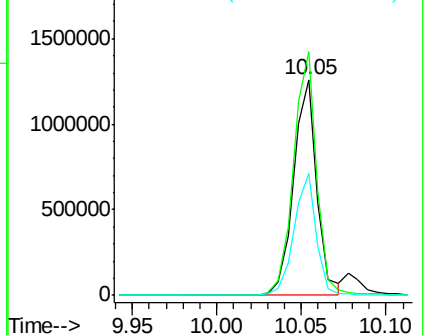
152 56.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.535 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

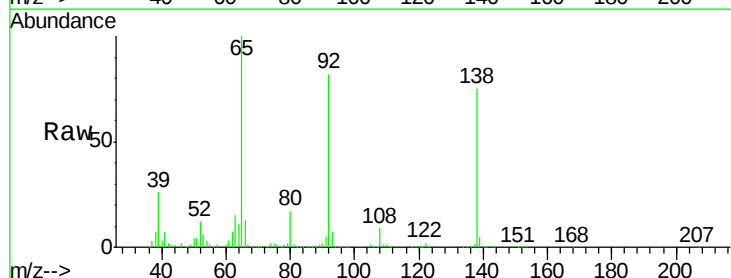
Tgt Ion:138 Resp: 268290

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

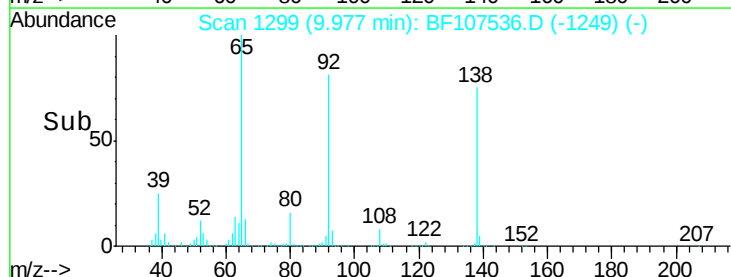
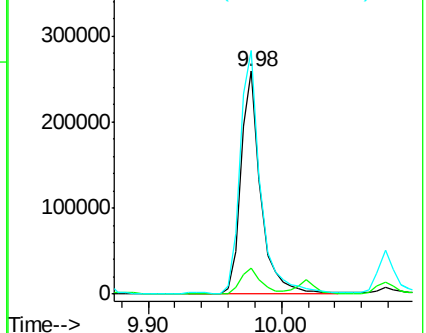
92 109.1 89.4 134.2

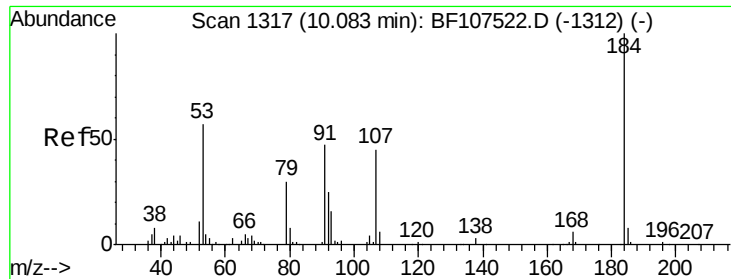


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

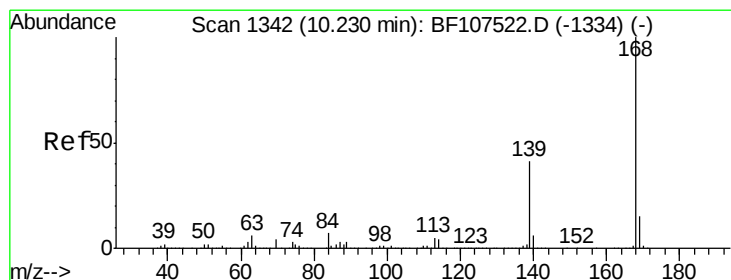
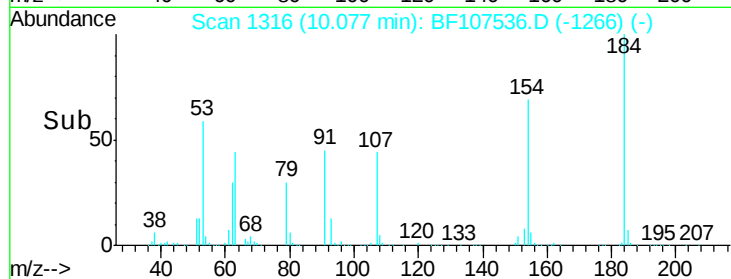
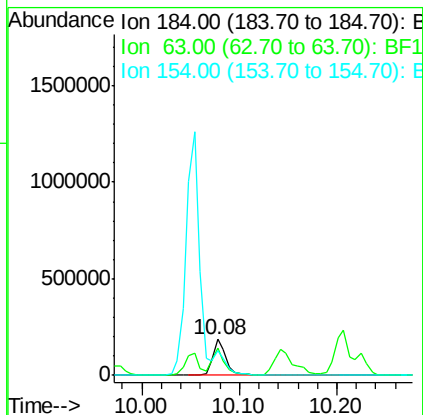
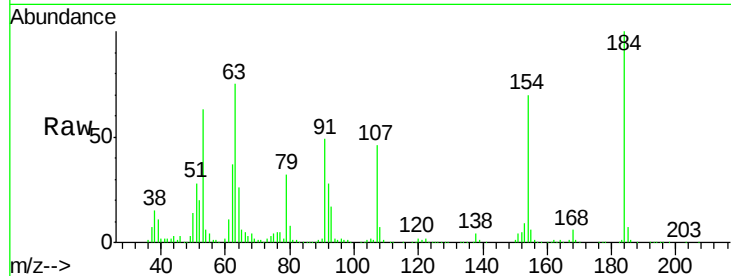




#53
2,4-Dinitrophenol
Concen: 52.784 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

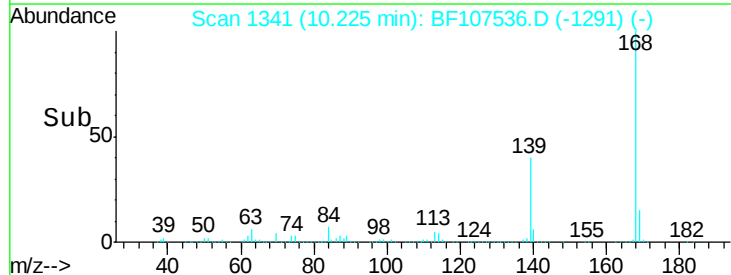
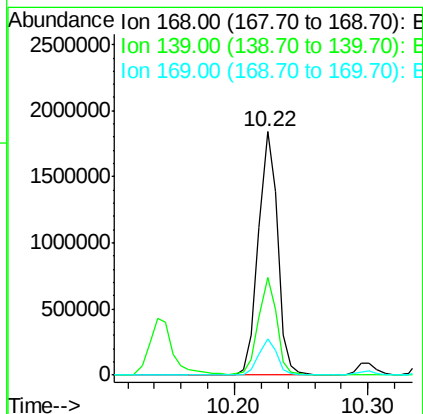
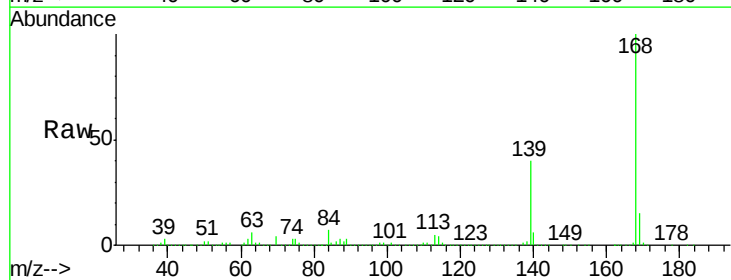
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

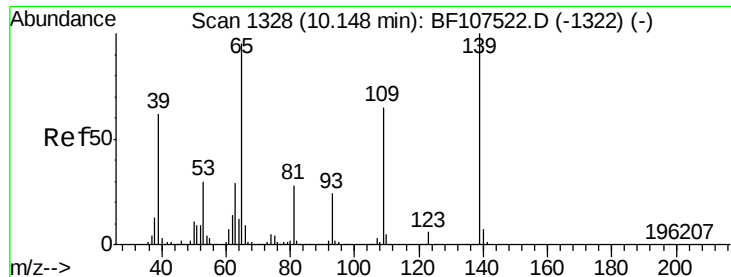
Tgt Ion:184 Resp: 182101
Ion Ratio Lower Upper
184 100
63 75.4 54.2 81.2
154 69.6 184.0 276.0#



#54
Dibenzofuran
Concen: 32.641 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion:168 Resp: 1809056
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1
169 14.9 10.9 16.3

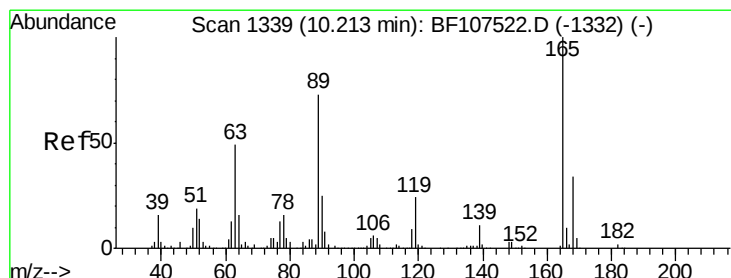
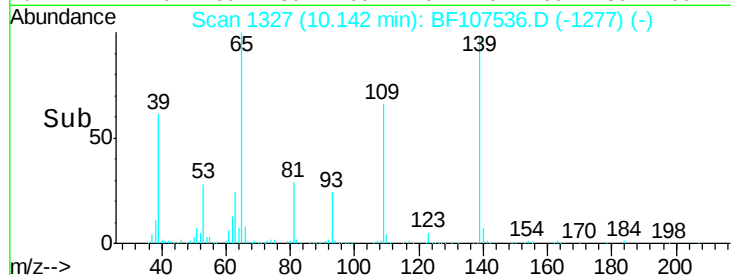
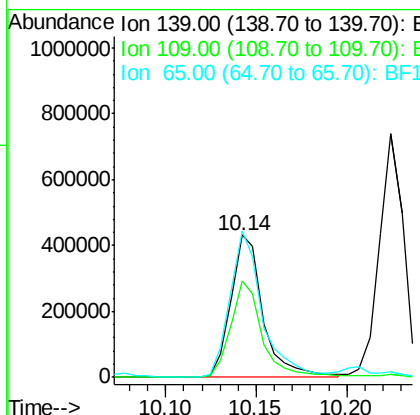
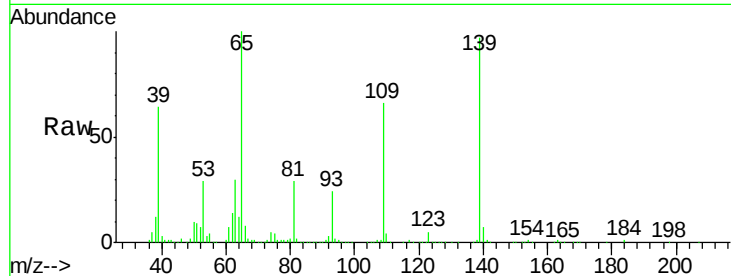




#55
4-Nitrophenol
Concen: 65.240 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

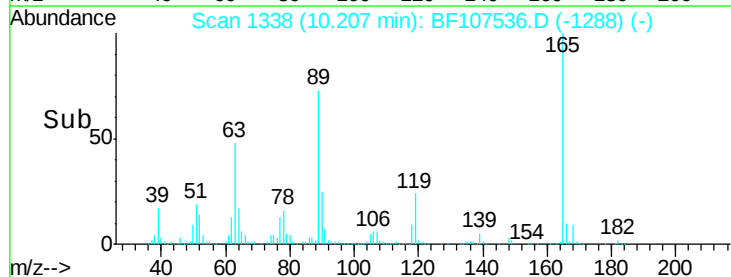
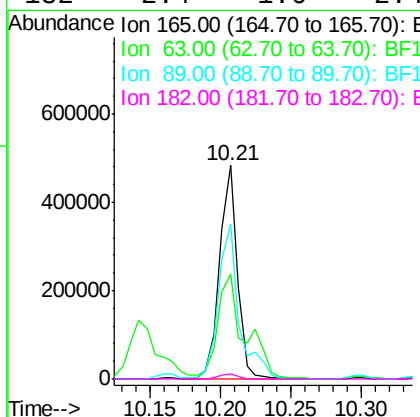
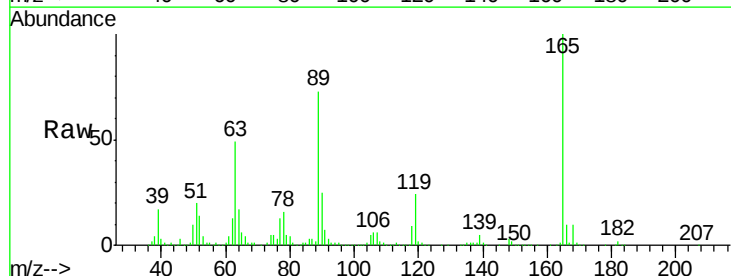
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

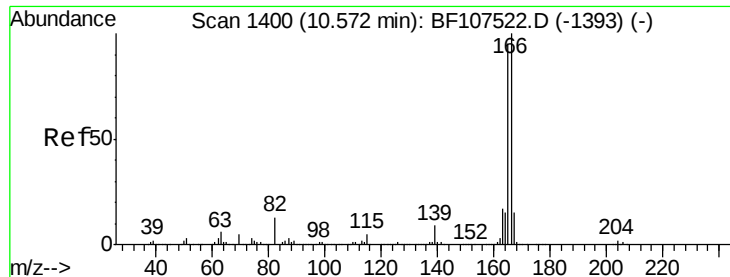
Tgt Ion:139 Resp: 534123
Ion Ratio Lower Upper
139 100
109 68.1 48.4 88.4
65 102.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.905 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion:165 Resp: 422112
Ion Ratio Lower Upper
165 100
63 49.0 36.4 54.6
89 72.7 57.8 86.6
182 2.4 1.6 2.4#

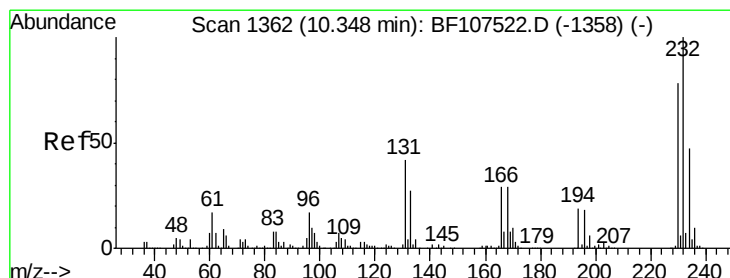
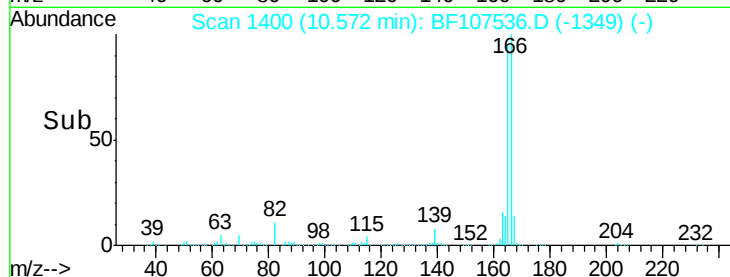
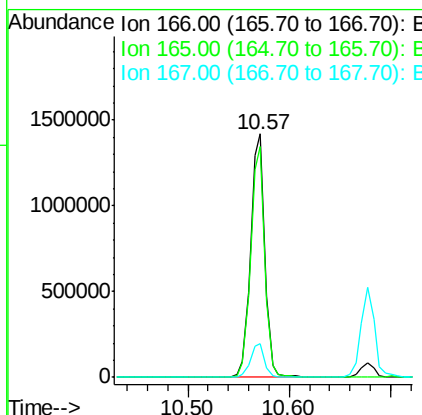
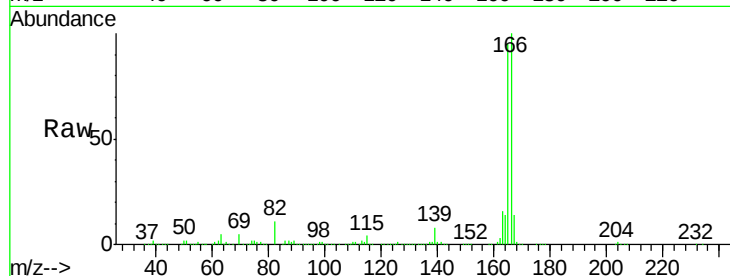




#57
Fluorene
 Concen: 35.088 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

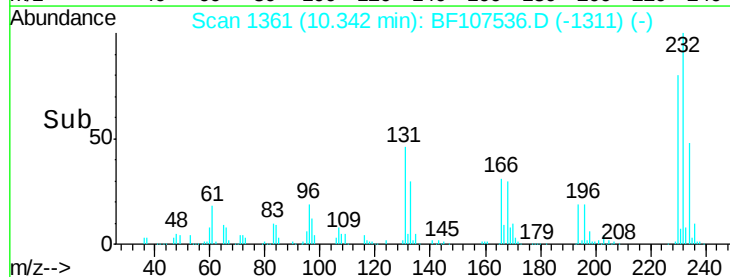
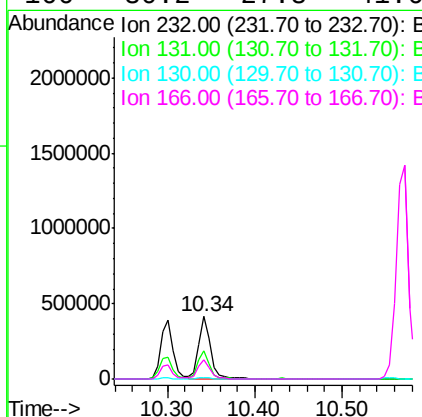
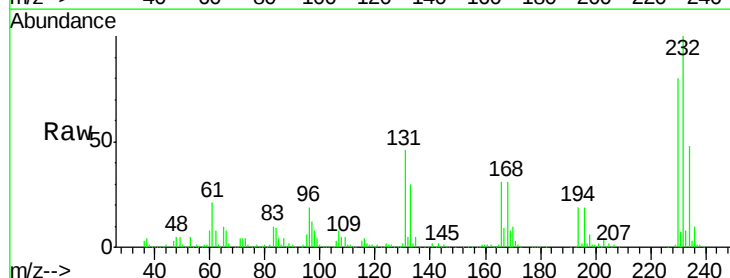
Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

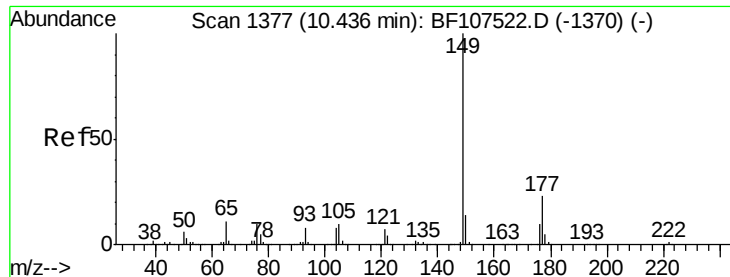
Tgt Ion:166 Resp: 1387387
 Ion Ratio Lower Upper
 166 100
 165 94.9 79.8 119.8
 167 14.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.613 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:232 Resp: 397270
 Ion Ratio Lower Upper
 232 100
 131 44.7 43.8 65.8
 130 2.3 2.1 3.1
 166 30.2 27.8 41.6

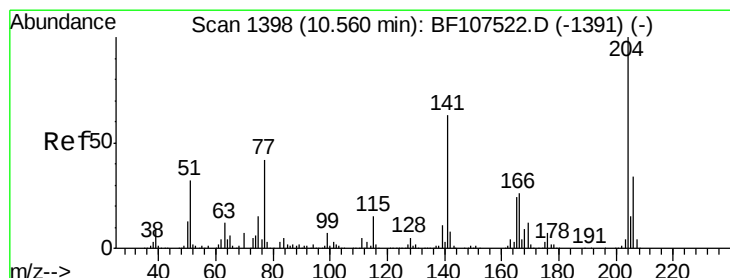
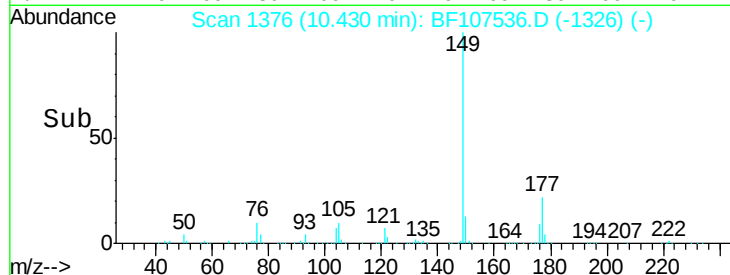
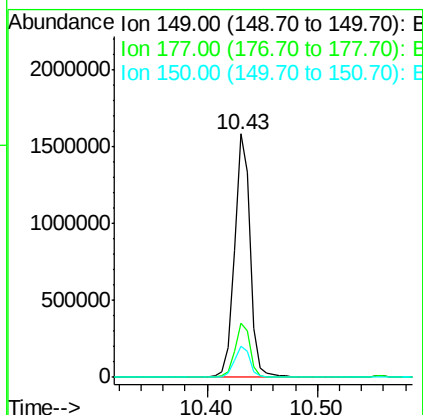
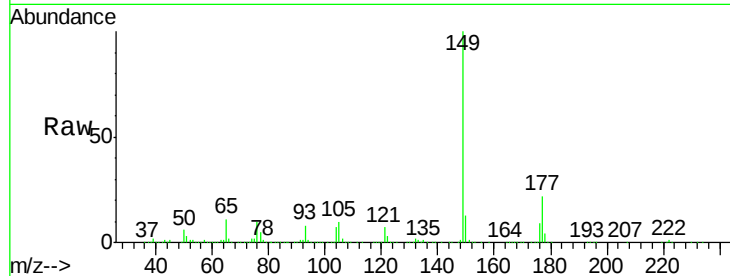




#59
Diethylphthalate
Concen: 33.243 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

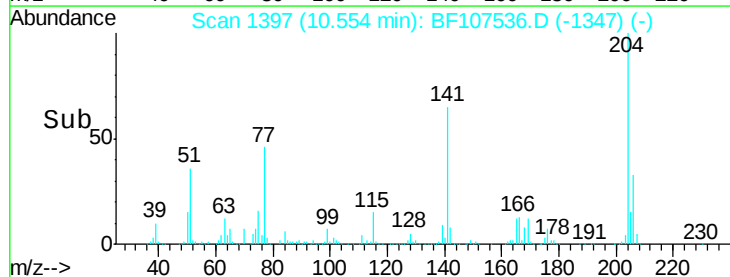
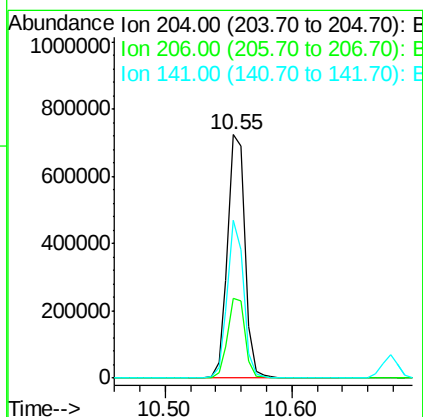
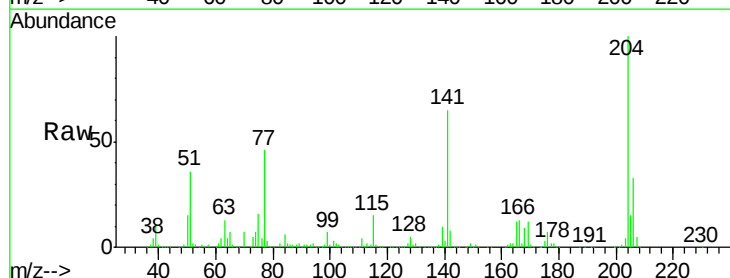
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

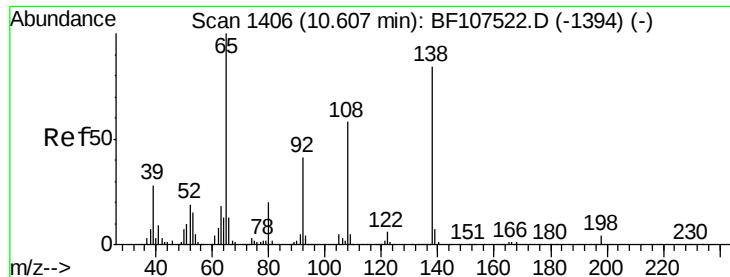
Tgt Ion:149 Resp: 1571821
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 30.849 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion:204 Resp: 689561
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.8 54.6 81.8





#61

4-Nitroaniline

Concen: 37.517 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

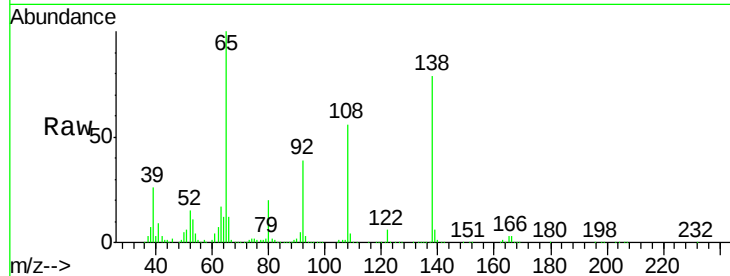
Tgt Ion:138 Resp: 344675

Ion Ratio Lower Upper

138 100

92 49.1 30.2 70.2

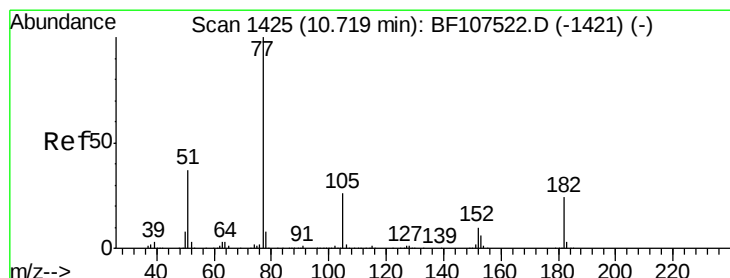
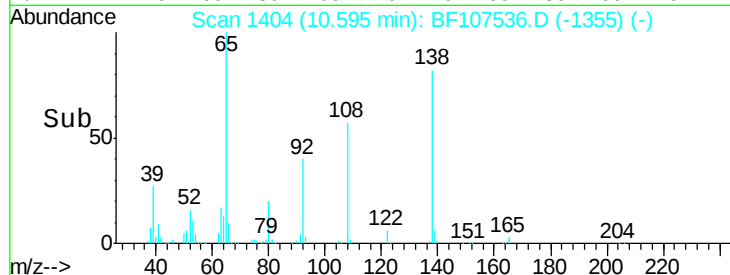
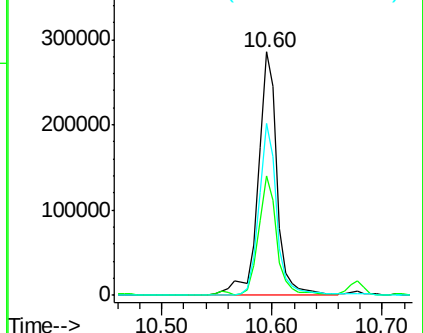
108 70.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.297 ng

RT: 10.72 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Tgt Ion: 77 Resp: 1431937

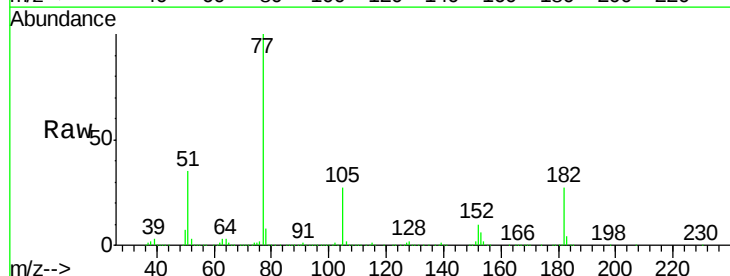
Ion Ratio Lower Upper

77 100

182 26.9 1.7 41.7

105 26.7 3.0 43.0

51 35.0 9.9 49.9

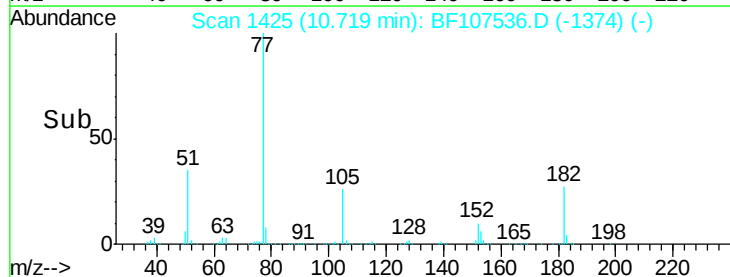
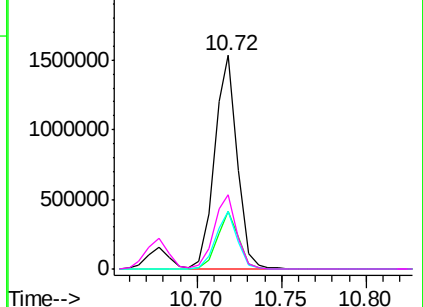


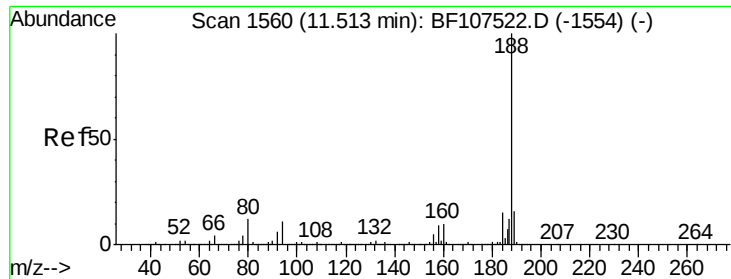
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

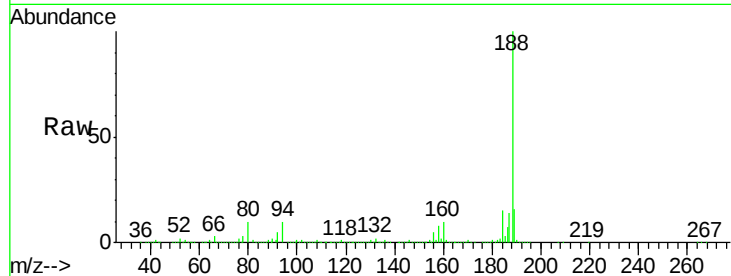
Tgt Ion:188 Resp: 1100815

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

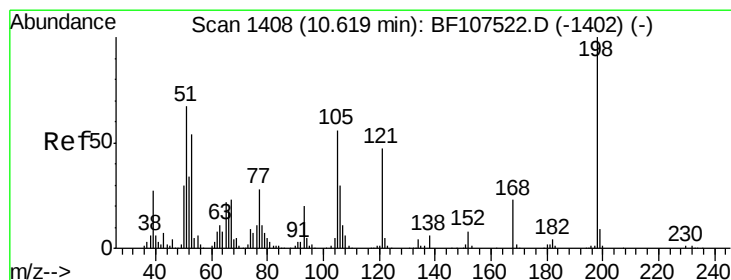
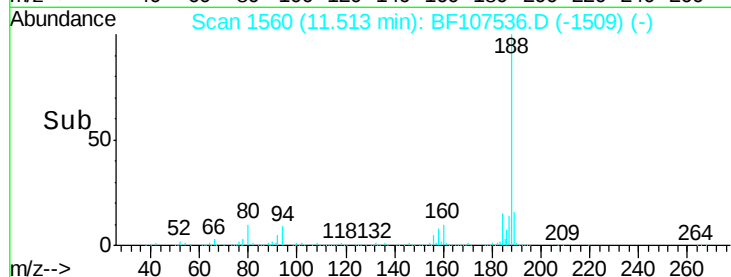
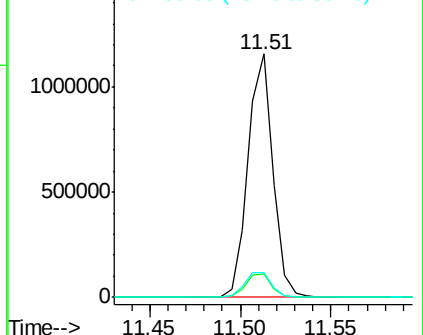
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 33.038 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

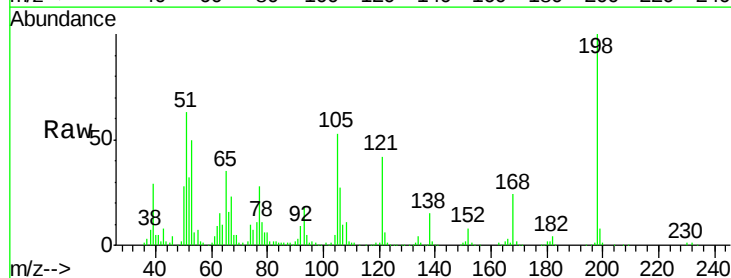
Tgt Ion:198 Resp: 158019

Ion Ratio Lower Upper

198 100

51 62.6 37.7 77.7

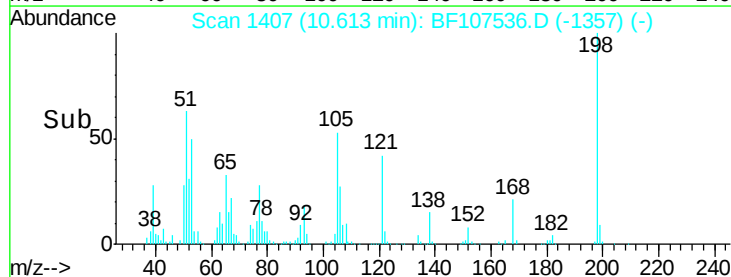
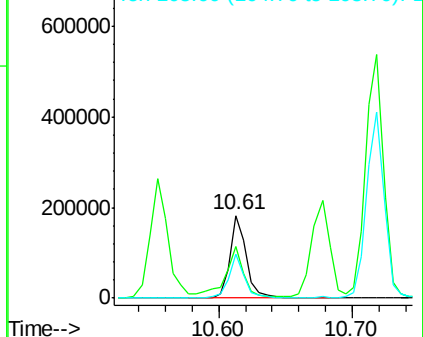
105 52.9 36.3 76.3

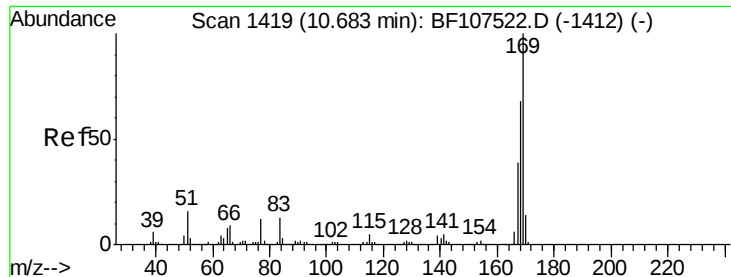


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.654 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

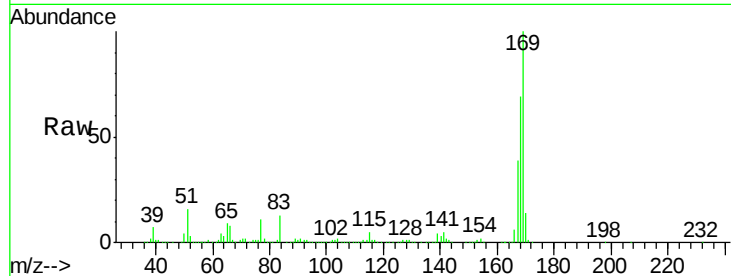
Tgt Ion:169 Resp: 1258216

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

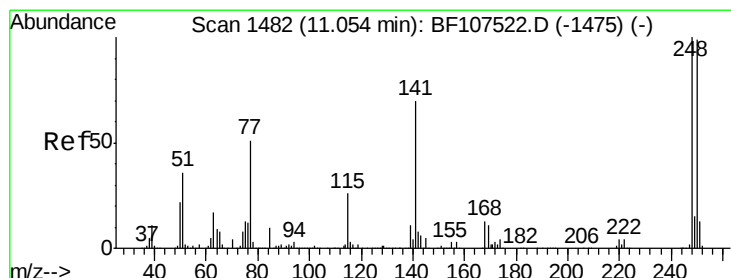
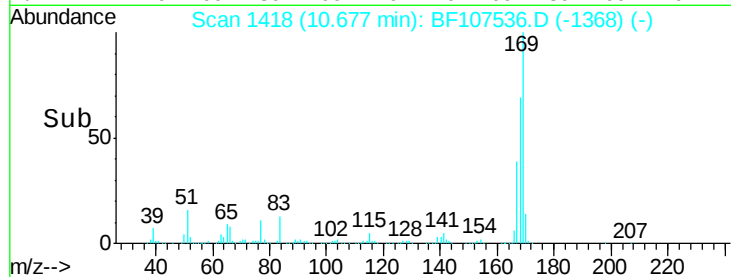
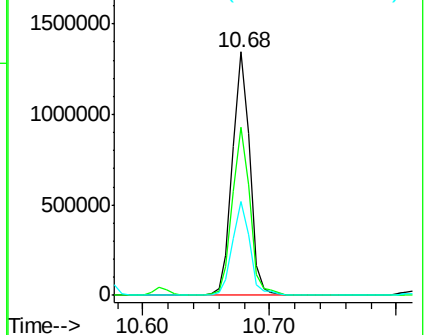
167 38.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.322 ng

RT: 11.05 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

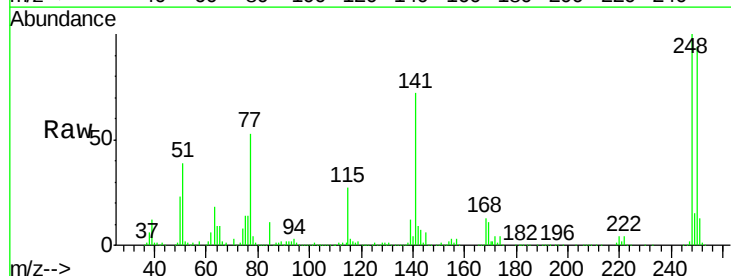
Tgt Ion:248 Resp: 431796

Ion Ratio Lower Upper

248 100

250 94.3 76.9 115.3

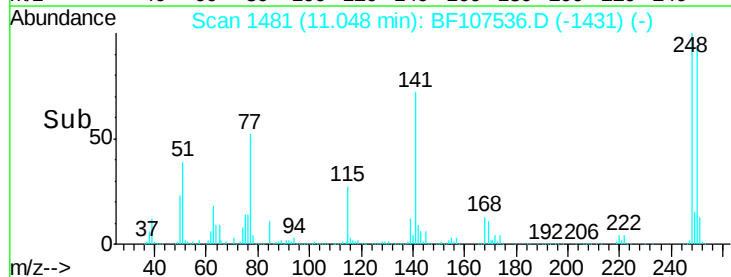
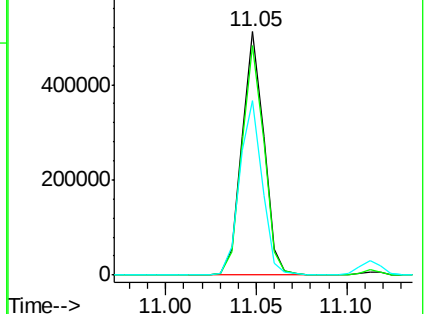
141 71.5 74.4 111.6#

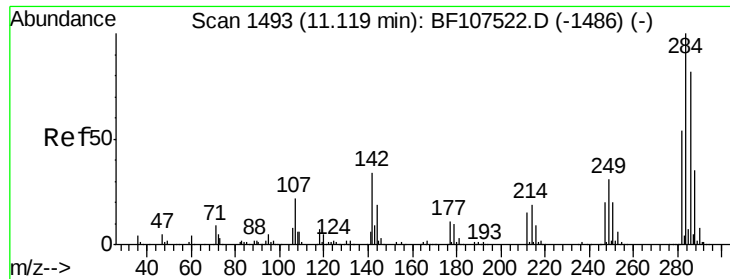


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

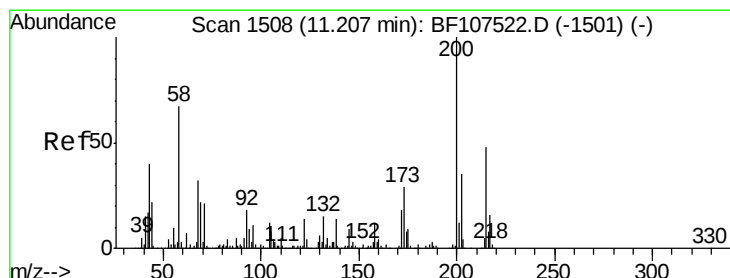
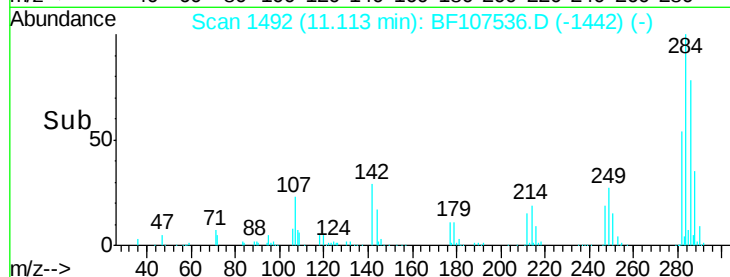
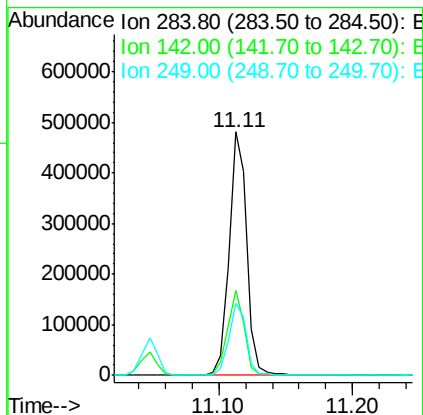
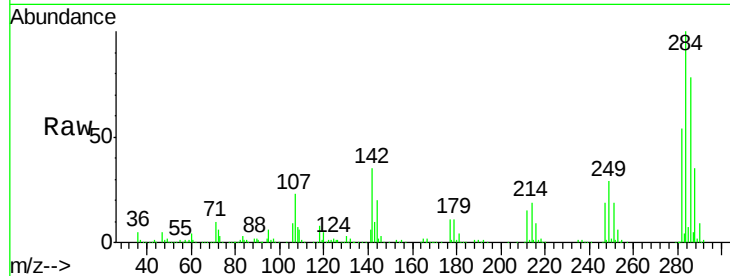




#67
Hexachlorobenzene
Concen: 31.367 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

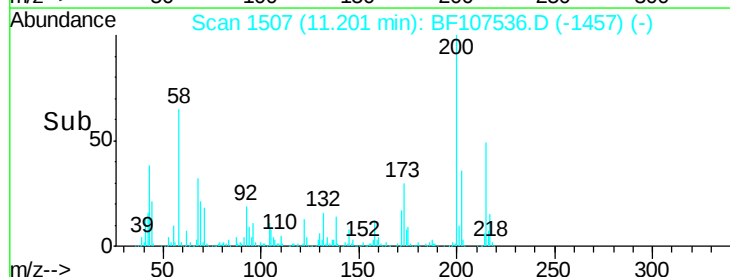
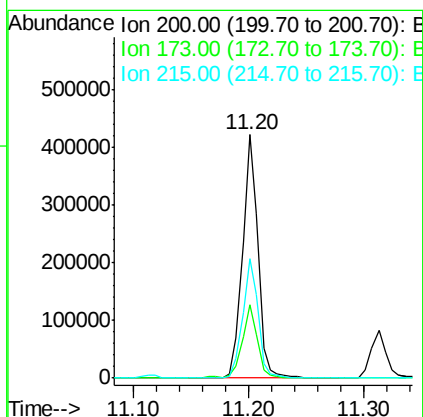
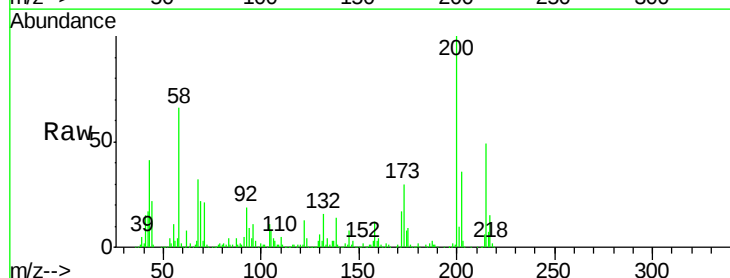
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

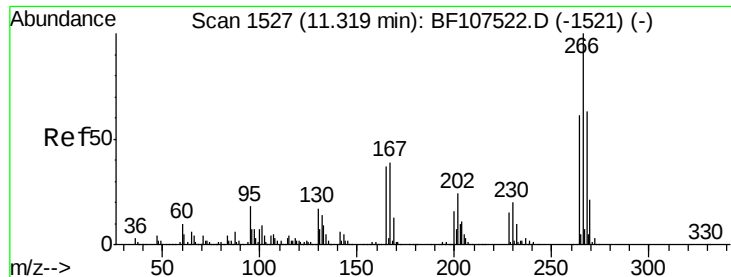
Tgt Ion: 284 Resp: 447243
Ion Ratio Lower Upper
284 100
142 34.8 34.6 52.0
249 29.4 24.8 37.2



#68
Atrazine
Concen: 34.497 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion: 200 Resp: 393780
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 49.3 25.1 65.1

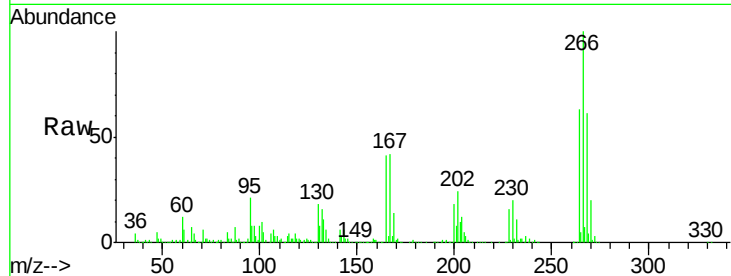




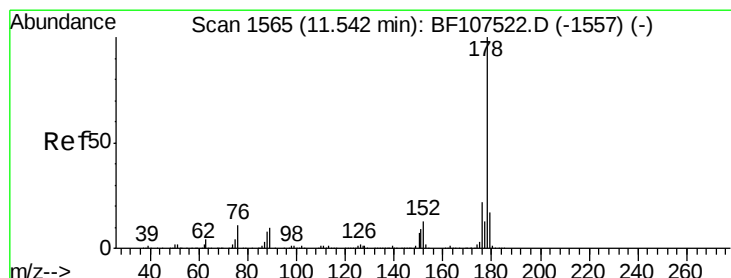
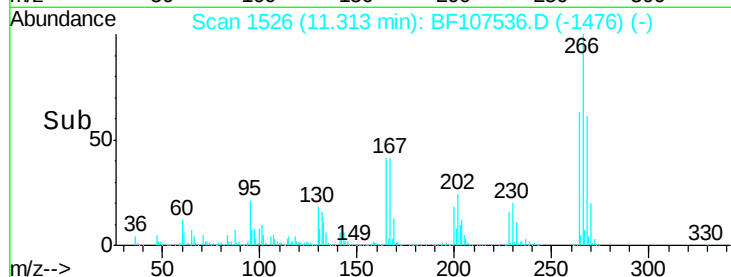
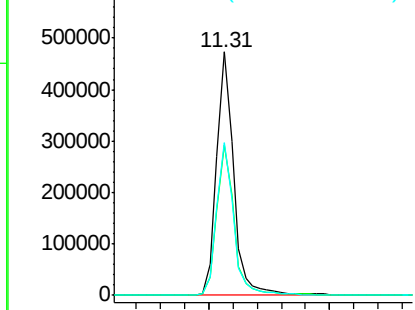
#69
 Pentachlorophenol
 Concen: 51.826 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion:266 Resp: 461558
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.1 76.7
 264 62.6 49.5 74.3

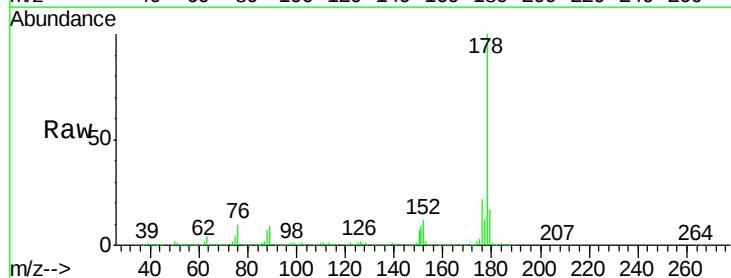


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

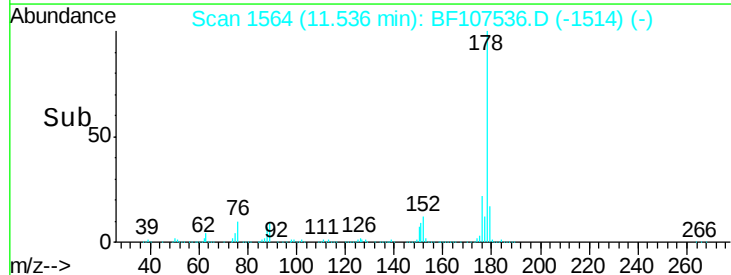
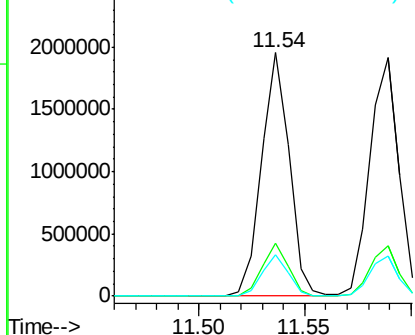


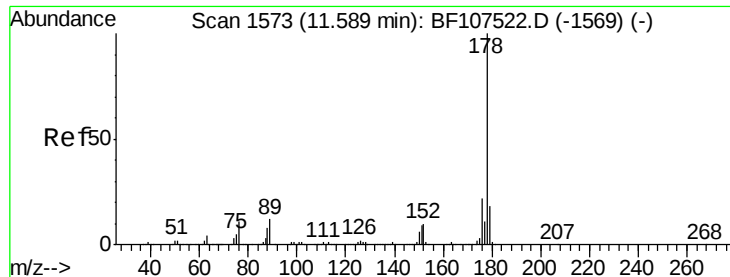
#70
 Phenanthrene
 Concen: 33.568 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:178 Resp: 1800699
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.8 23.8
 179 16.9 13.0 19.6



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

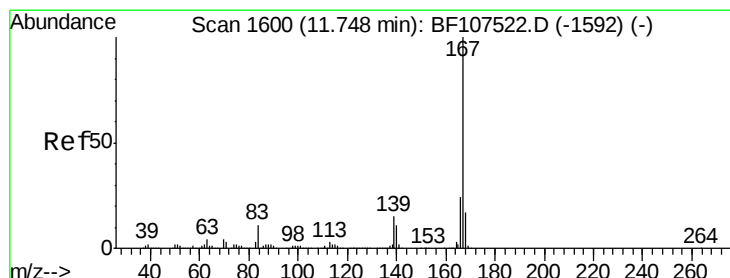
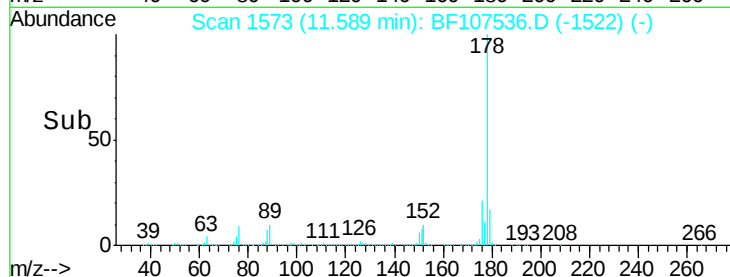
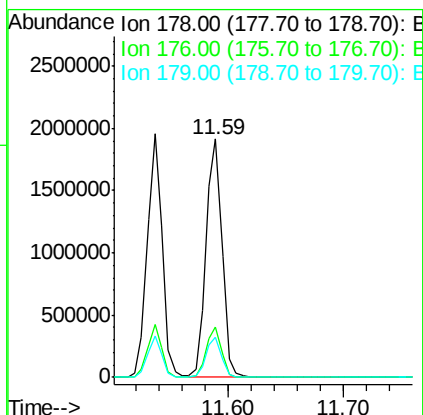
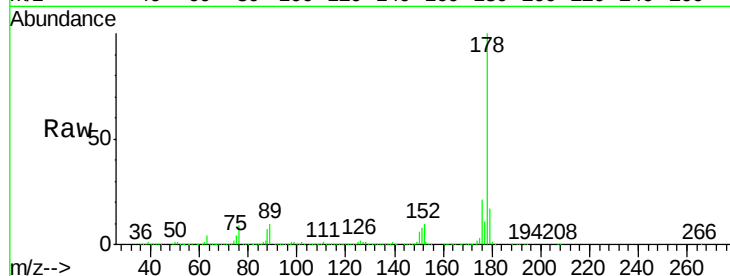




#71
 Anthracene
 Concen: 34.274 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

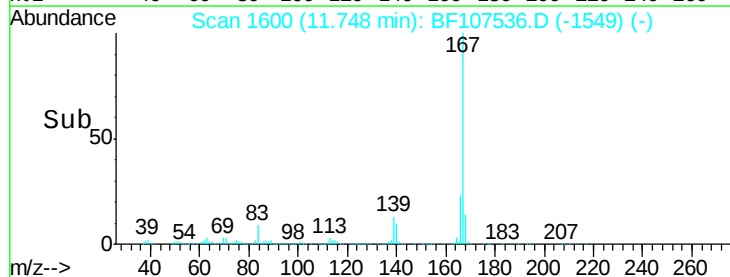
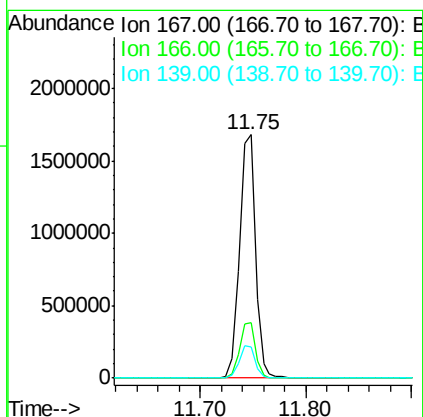
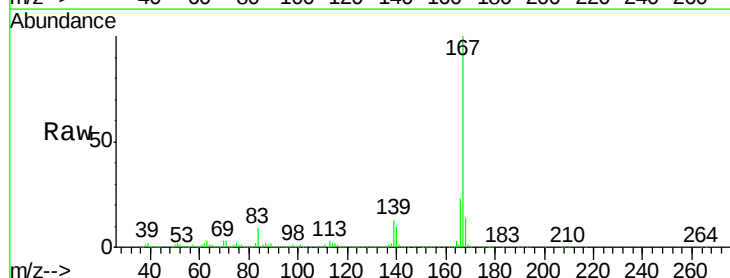
Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

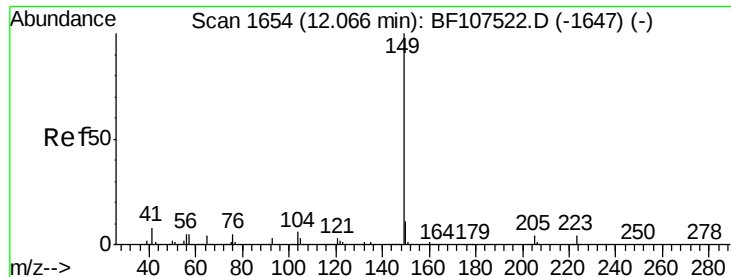
Tgt Ion:178 Resp: 1851153
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.4 23.2
 179 17.0 12.6 19.0



#72
 Carbazole
 Concen: 30.795 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:167 Resp: 1729569
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.989 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

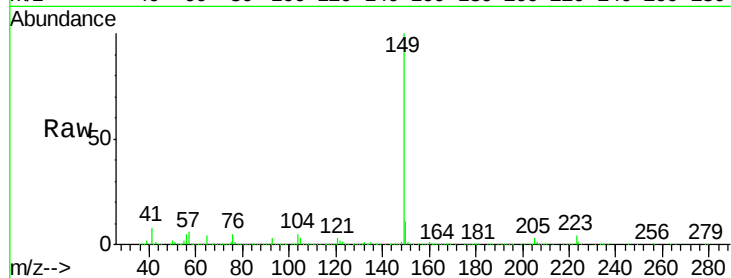
Tgt Ion:149 Resp: 2112873

Ion Ratio Lower Upper

149 100

150 10.7 7.8 11.6

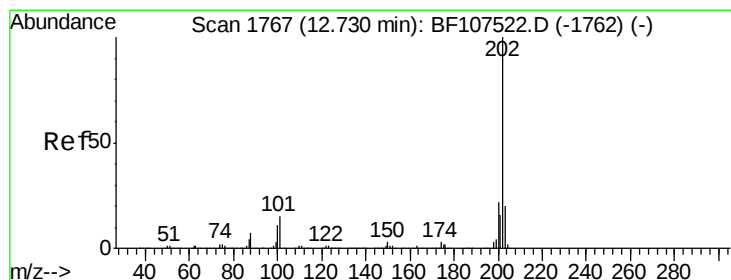
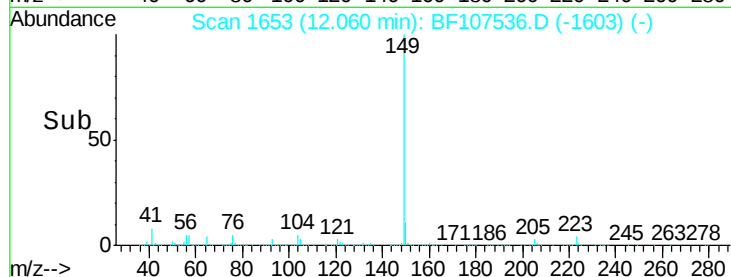
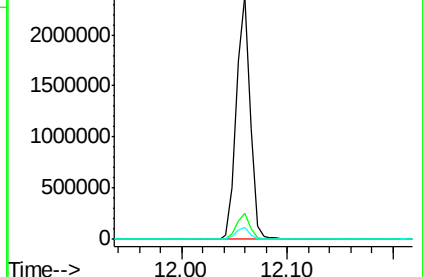
104 5.2 3.8 5.8



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: 30.609 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

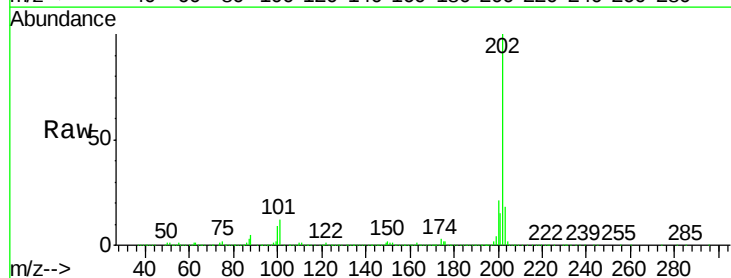
Tgt Ion:202 Resp: 1761931

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

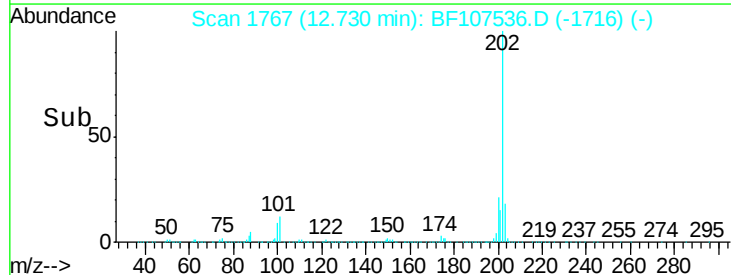
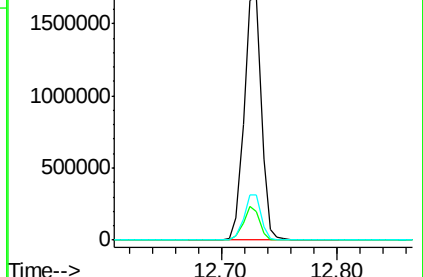
203 18.4 0.0 38.1

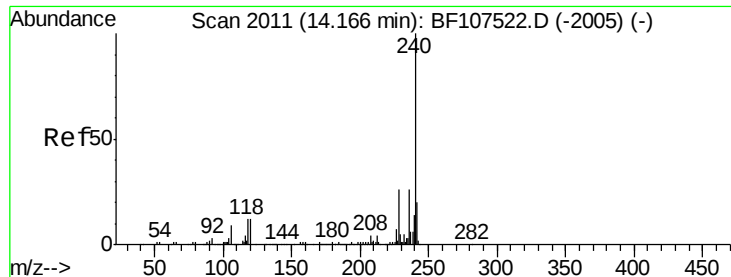


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

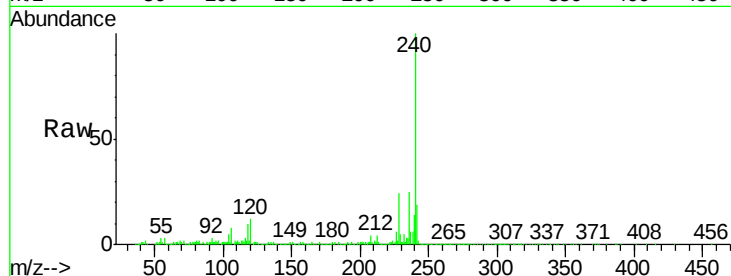
Tgt Ion:240 Resp: 705646

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

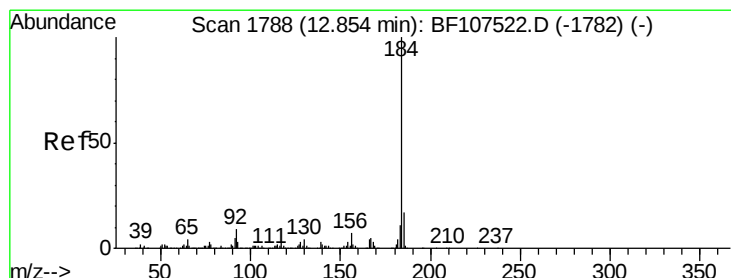
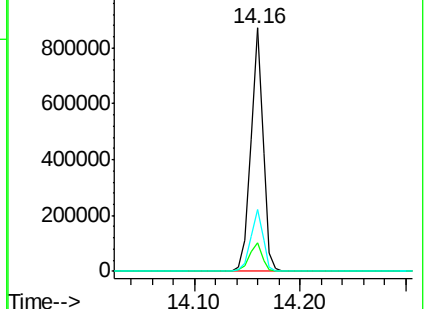
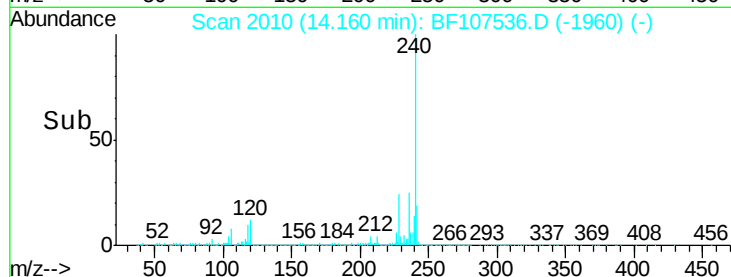
236 25.5 20.7 31.1



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: 28.603 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

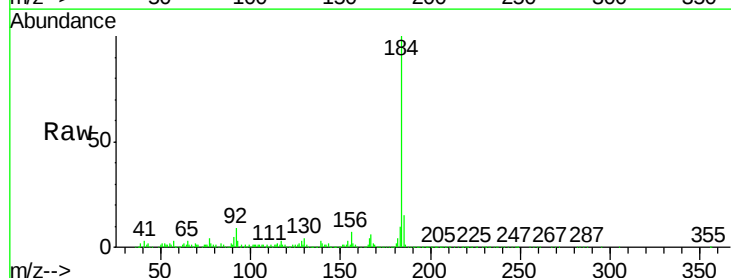
Tgt Ion:184 Resp: 581244

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

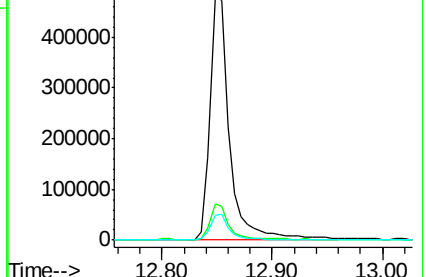
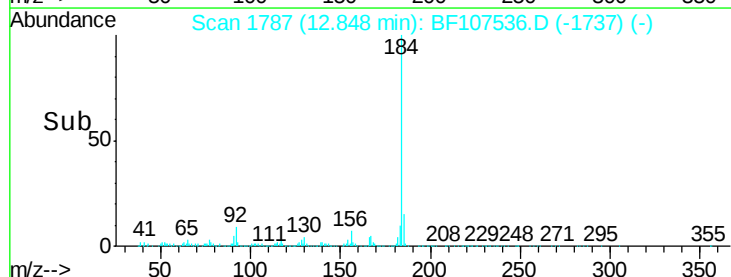
183 10.0 9.3 13.9

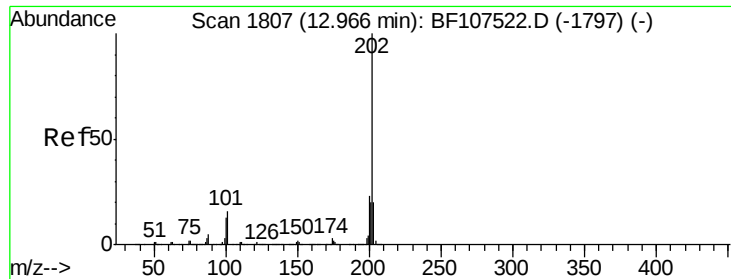


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



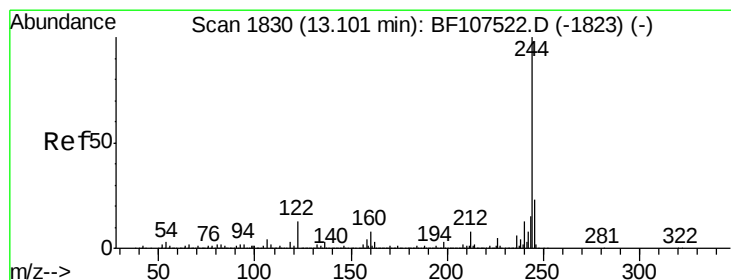
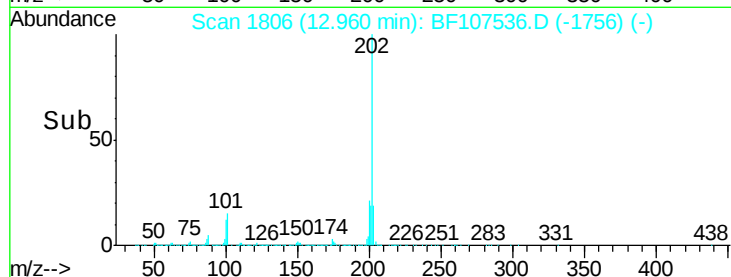
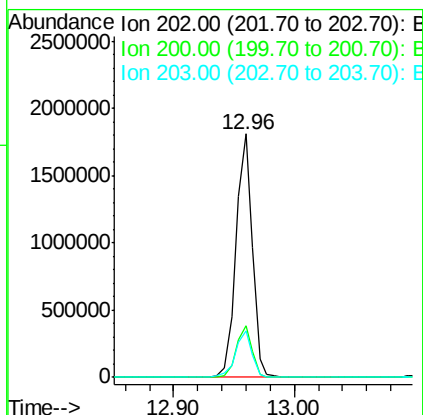
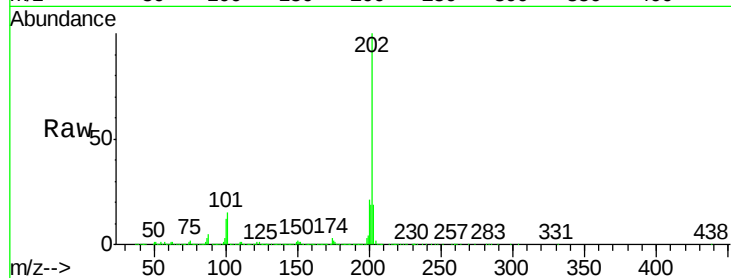


#77
 Pyrene
 Concen: 35.368 ng
 RT: 12.96 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion: 202 Resp: 1707111

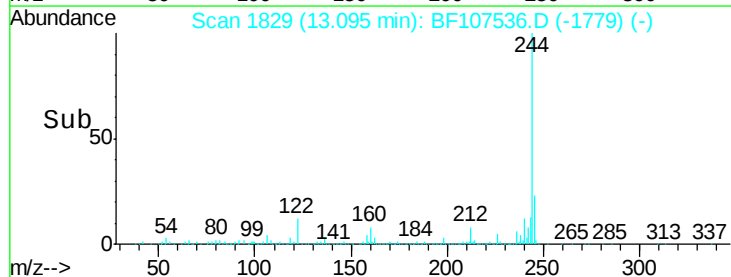
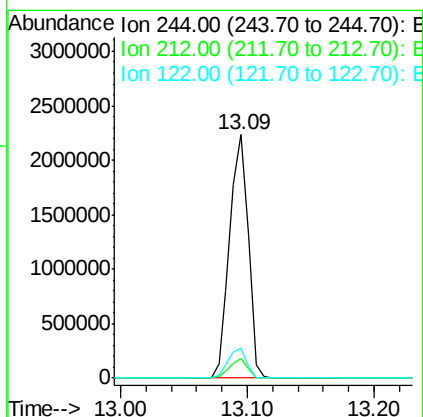
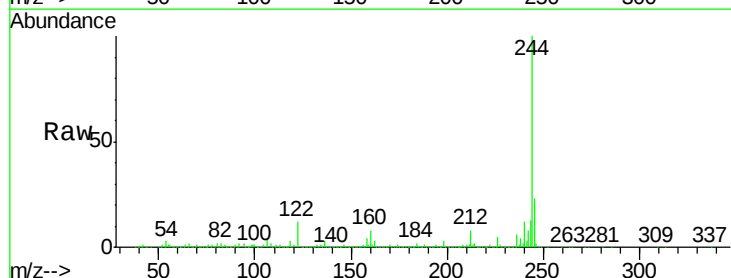
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.9	14.3	21.5

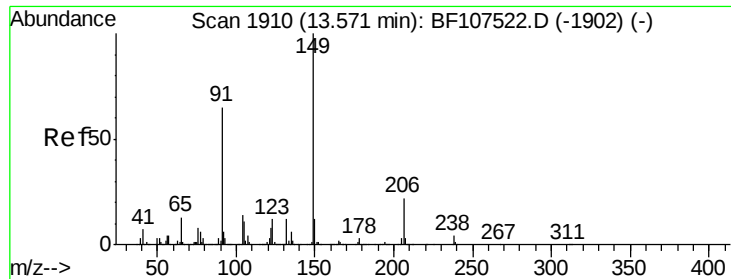


#78
 Terphenyl-d14
 Concen: 82.401 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion: 244 Resp: 2271235

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





#79

Butylbenzylphthalate

Concen: 37.278 ng

RT: 13.57 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

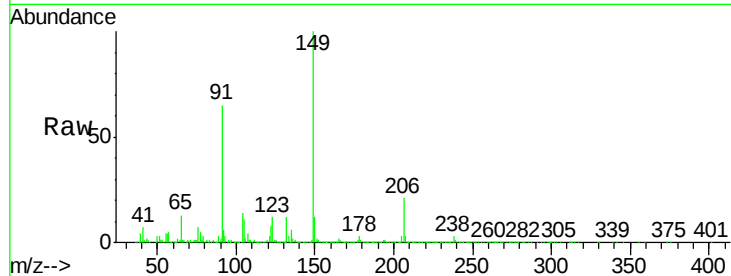
Tgt Ion:149 Resp: 773801

Ion Ratio Lower Upper

149 100

91 64.6 56.8 85.2

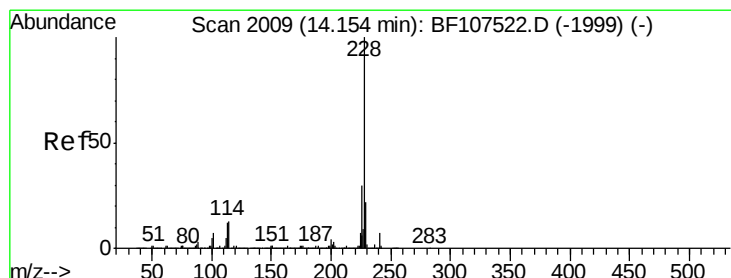
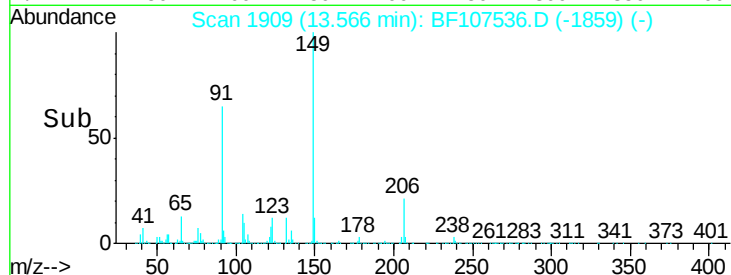
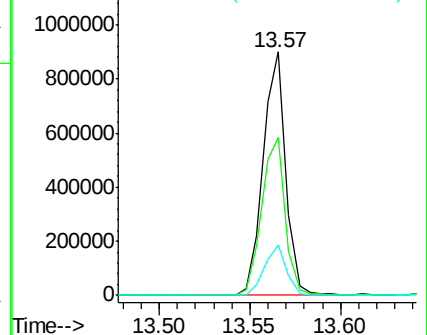
206 20.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.736 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

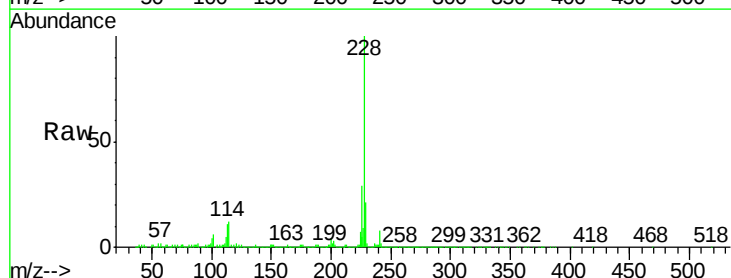
Tgt Ion:228 Resp: 1395051

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

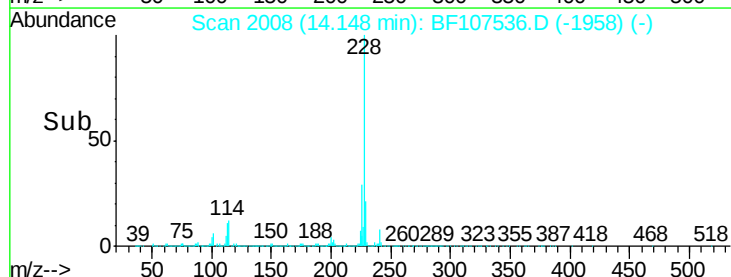
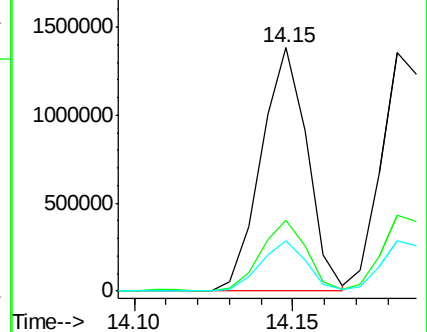
229 20.7 15.8 23.6

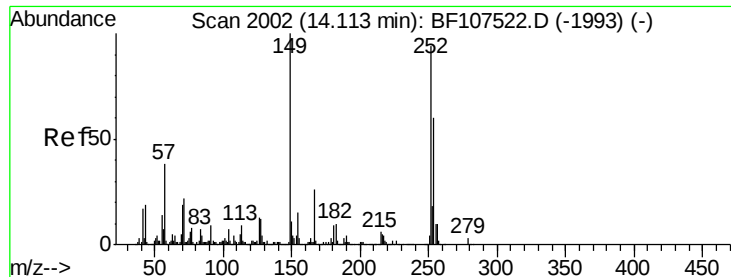


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

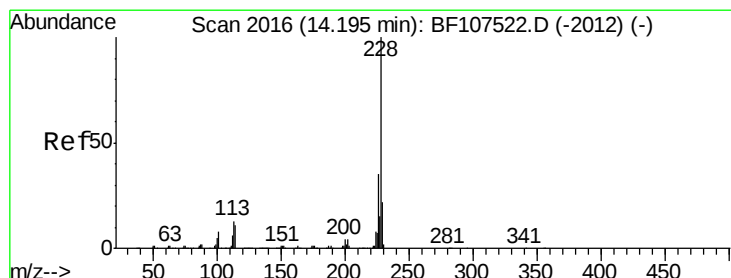
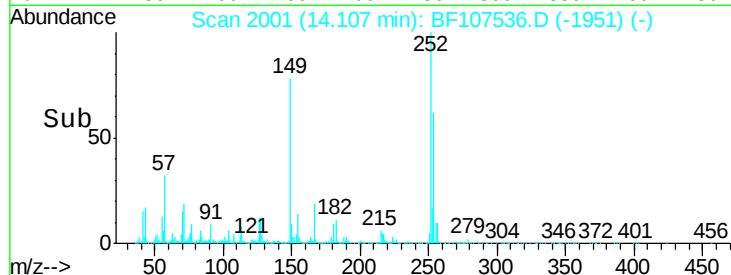
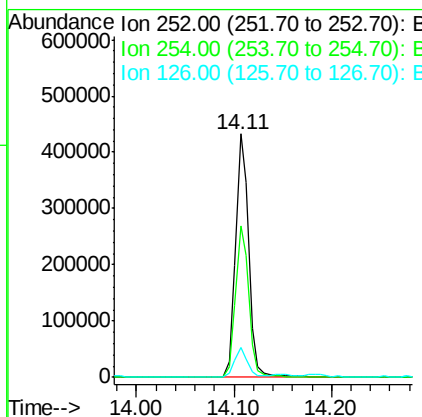
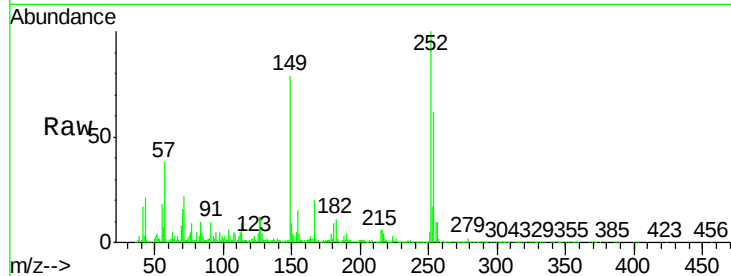




#81
 3,3'-Dichlorobenzidine
 Concen: 29.955 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

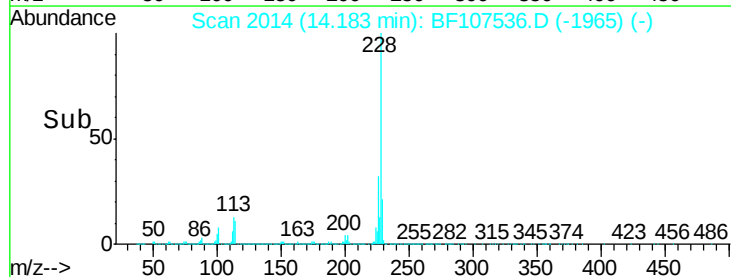
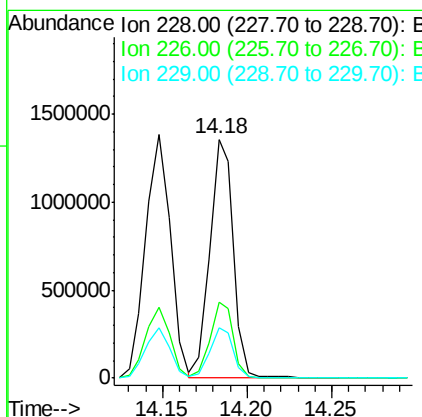
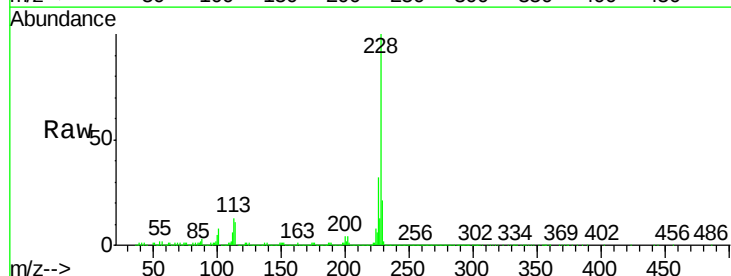
Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

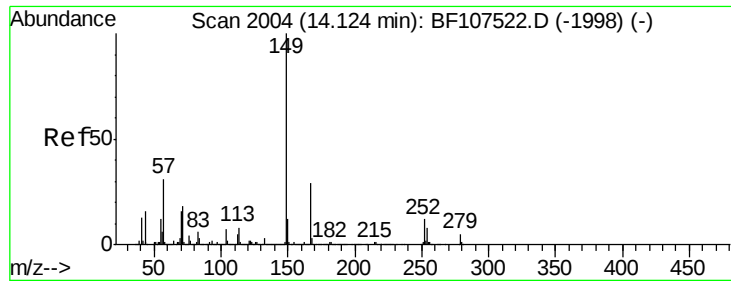
Tgt Ion:252 Resp: 403952
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 33.024 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:228 Resp: 1311802
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.8 16.2 24.4

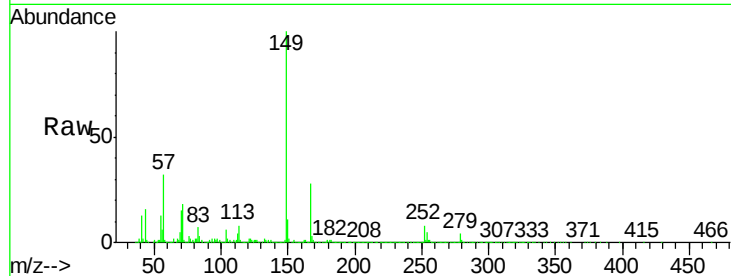




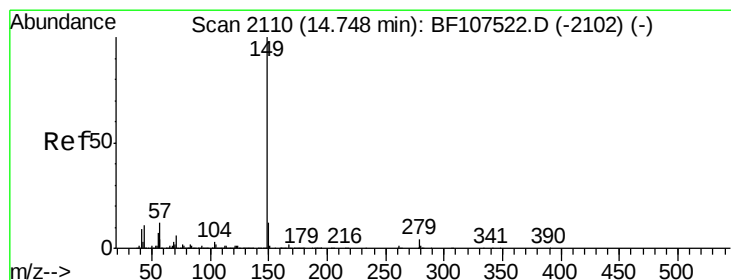
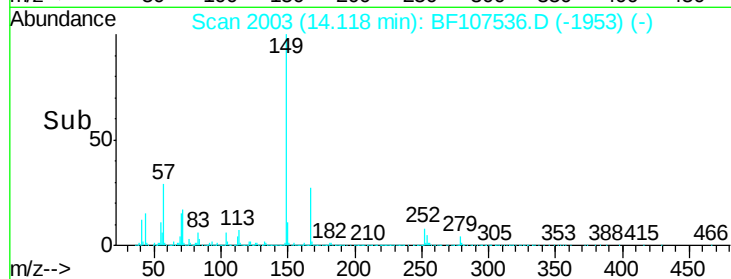
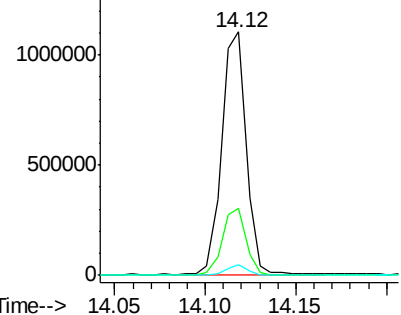
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.192 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

Tgt Ion:149 Resp: 1030720
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 4.2 3.0 4.4

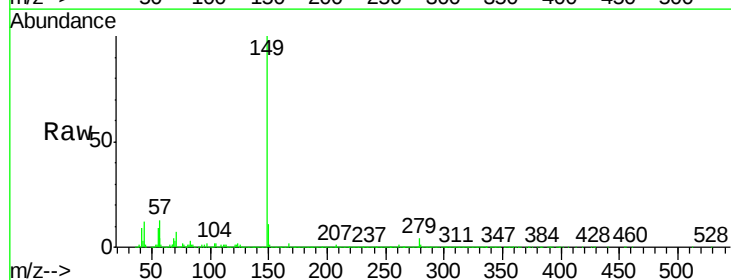


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

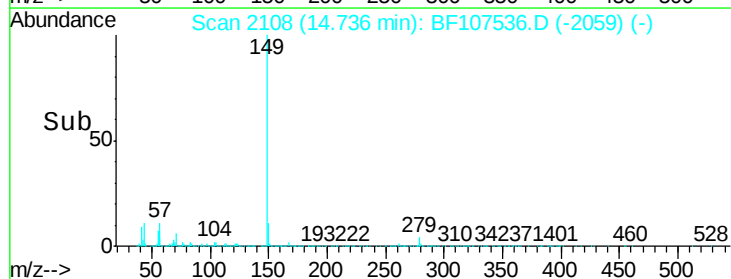
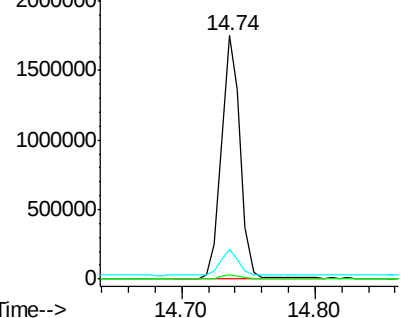


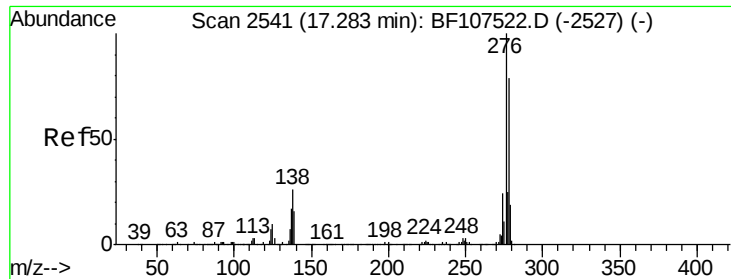
#84
 Di-n-octyl phthalate
 Concen: 37.234 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:149 Resp: 1695108
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

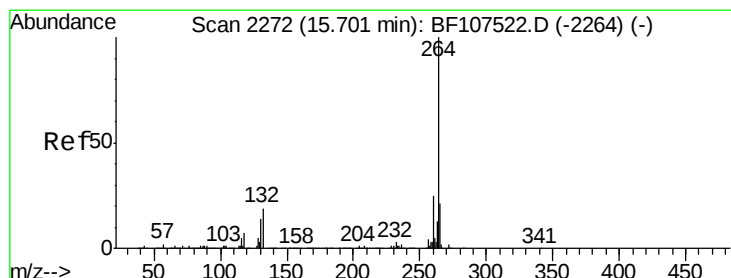
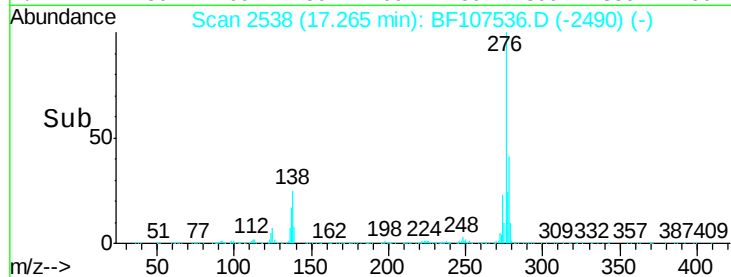
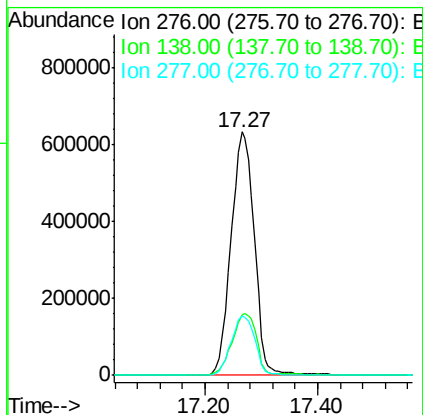
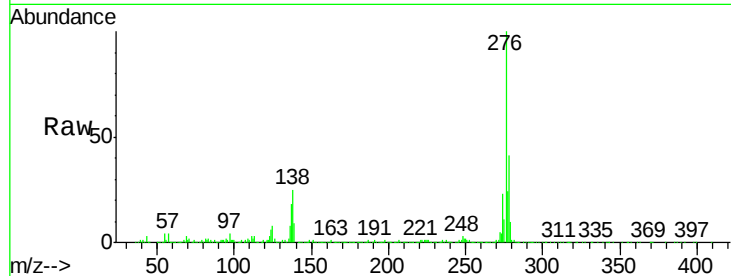




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.182 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

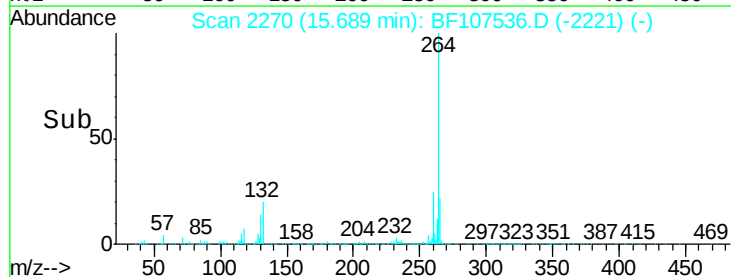
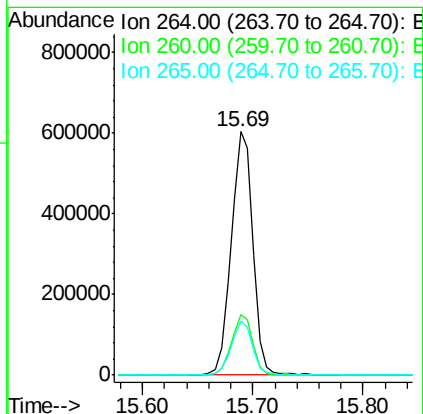
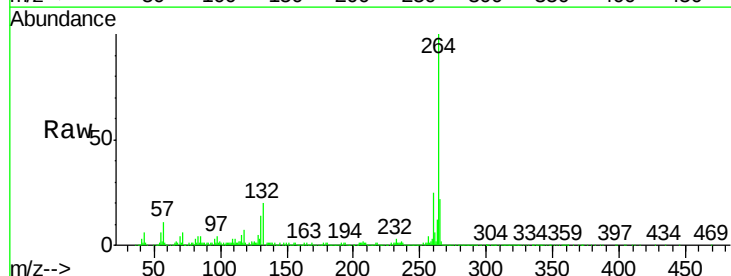
Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MS

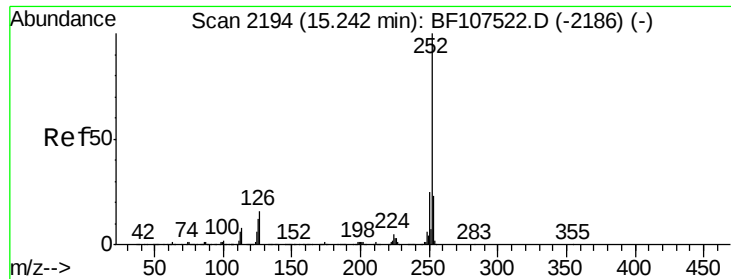
Tgt Ion:276 Resp: 1824105
 Ion Ratio Lower Upper
 276 100
 138 26.4 25.0 37.6
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107536.D
 Acq: 20 Jul 2018 20:58

Tgt Ion:264 Resp: 828432
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 22.3 17.5 26.3

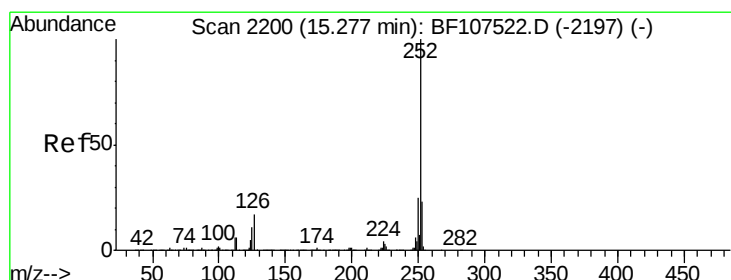
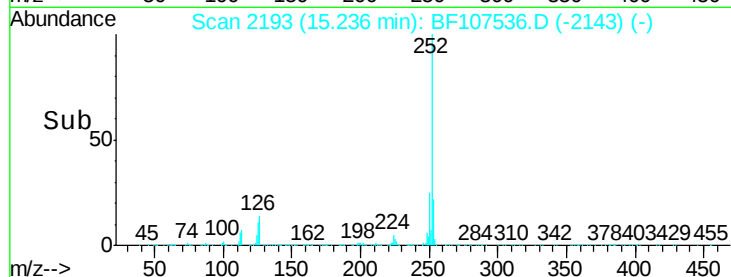
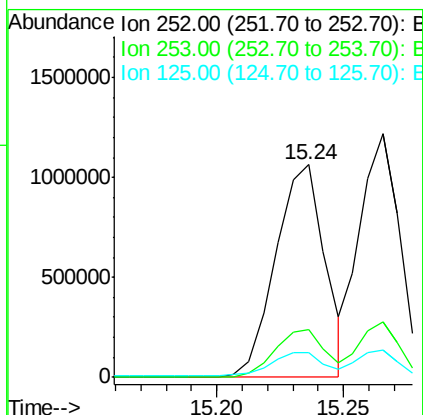
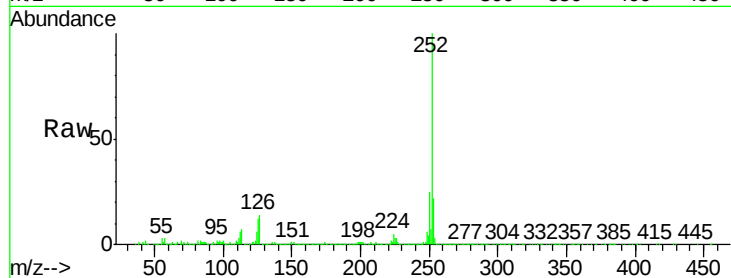




#87
Benzo(b)fluoranthene
Concen: 31.661 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

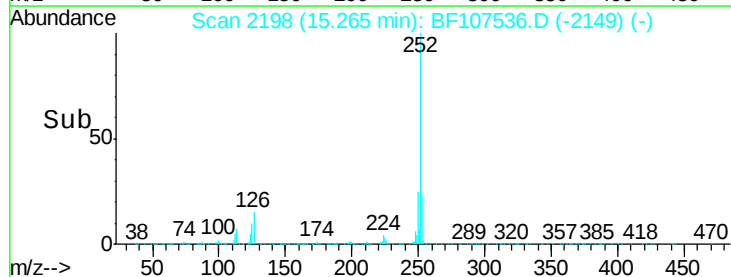
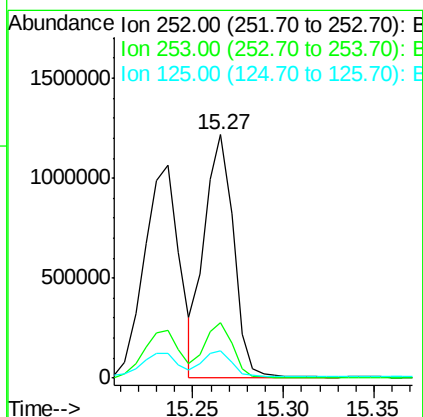
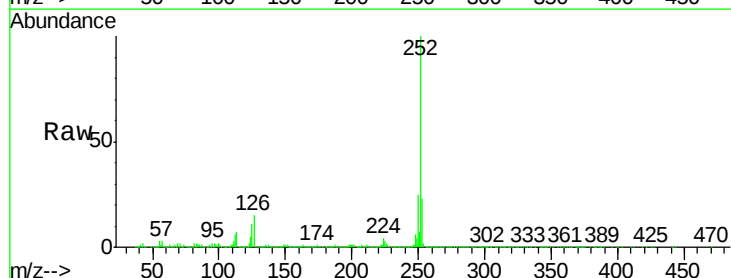
Instrument :
BNA_F
ClientSampleId :
161-TP-1MS

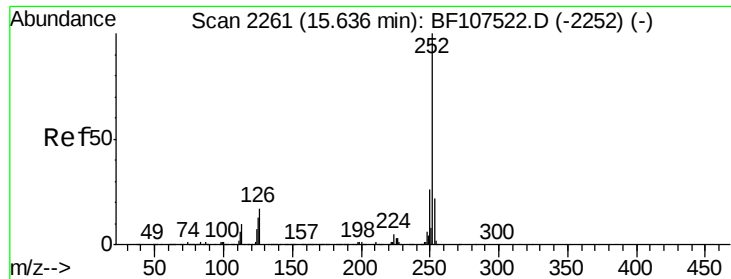
Tgt Ion:252 Resp: 1435477
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 30.418 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107536.D
Acq: 20 Jul 2018 20:58

Tgt Ion:252 Resp: 1351163
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 11.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.751 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

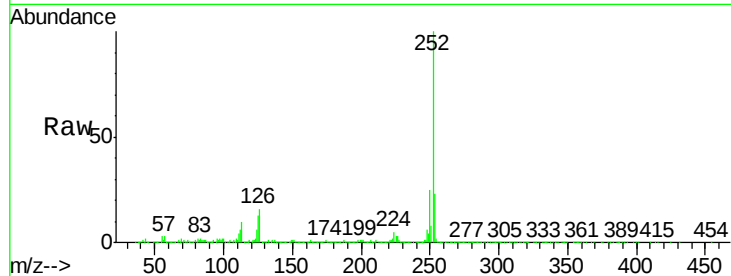
Tgt Ion:252 Resp: 1399752

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

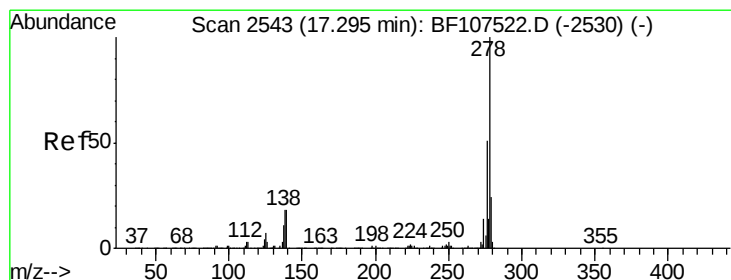
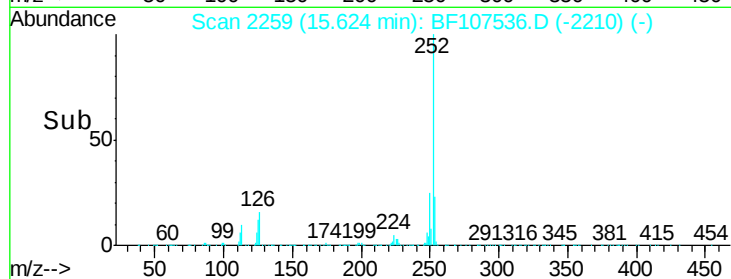
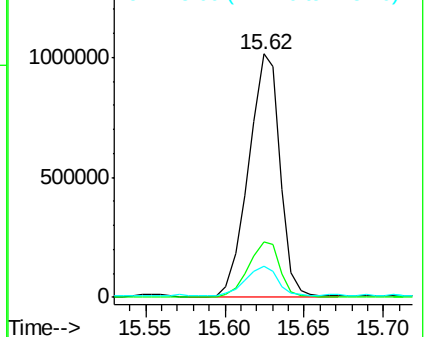
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.532 ng

RT: 17.28 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

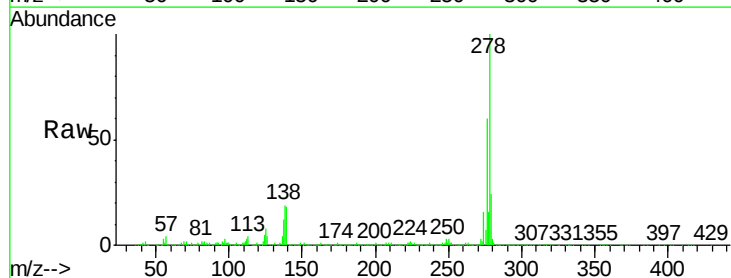
Tgt Ion:278 Resp: 1488935

Ion Ratio Lower Upper

278 100

139 18.0 15.9 23.9

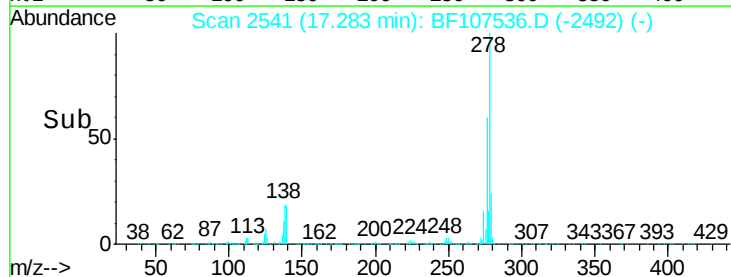
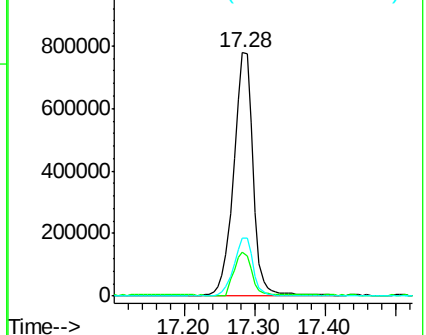
279 24.0 19.0 28.4

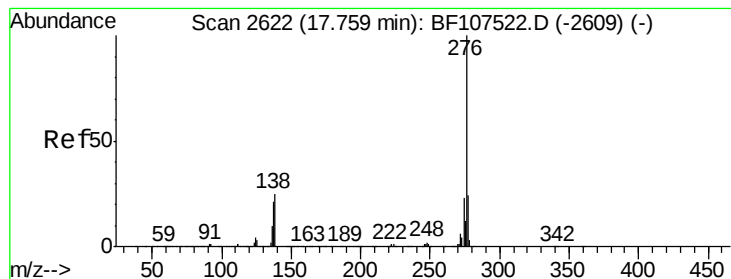


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.737 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107536.D

Acq: 20 Jul 2018 20:58

Instrument :

BNA_F

ClientSampleId :

161-TP-1MS

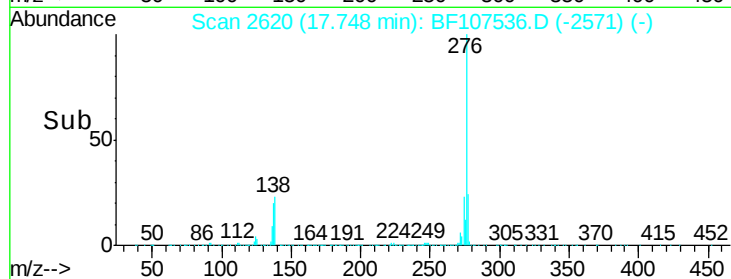
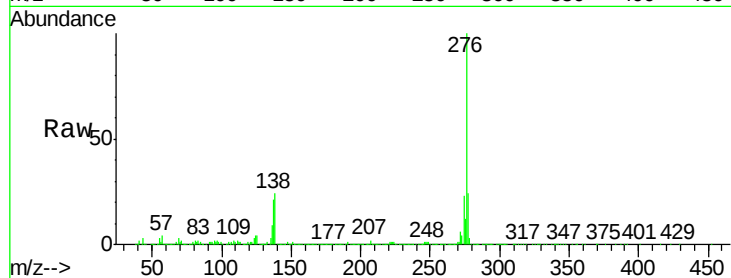
Tgt Ion: 276 Resp: 1511298

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 23.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

