

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106314.D
 Acq On : 12 Jun 2018 00:02
 Operator : JU/SJ
 Sample : J3422-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Quant Time: Jun 12 01:46:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	222259	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	796274	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	347256	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	540613	20.00	ng	0.00
75) Chrysene-d12	14.15	240	499773	20.00	ng	-0.01
86) Perylene-d12	15.67	264	390172	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1599064	121.77	ng	0.02
7) Phenol-d6	6.60	99	2061913	124.28	ng	0.01
23) Nitrobenzene-d5	7.54	82	1360025	100.48	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	486004	145.46	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1887475	103.03	ng	0.00
78) Terphenyl-d14	13.09	244	1690002	83.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	203360	29.922	ng	95
3) Pyridine	3.64	79	588849	31.091	ng	99
4) n-Nitrosodimethylamine	3.60	42	301440	34.743	ng	98
6) Aniline	6.64	93	453142	18.704	ng	99
8) 2-Chlorophenol	6.76	128	527274	37.337	ng	97
9) Benzaldehyde	6.52	77	405873	32.252	ng	97
10) Phenol	6.61	94	699387	38.614	ng	95
11) bis(2-Chloroethyl)ether	6.71	93	566157	36.514	ng	97
12) 1,3-Dichlorobenzene	6.91	146	605365	36.422	ng	98
13) 1,4-Dichlorobenzene	6.99	146	614917	36.458	ng	100
14) 1,2-Dichlorobenzene	7.15	146	563804	35.509	ng	97
15) Benzyl Alcohol	7.11	79	531380	37.399	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	927488	41.729	ng	97
17) 2-Methylphenol	7.21	107	491284	38.992	ng	98
18) Hexachloroethane	7.48	117	197496	32.862	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	409412	32.892	ng	97
20) 3+4-Methylphenols	7.37	107	602558	37.397	ng	99
22) Acetophenone	7.38	105	773344	38.539	ng	# 97
24) Nitrobenzene	7.56	77	616166	41.883	ng	98
25) Isophorone	7.79	82	1117675	42.275	ng	98
26) 2-Nitrophenol	7.87	139	277325	48.565	ng	99
27) 2,4-Dimethylphenol	7.90	122	530786	47.424	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	696594	40.635	ng	98
29) 2,4-Dichlorophenol	8.11	162	478980	44.359	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	486347	40.171	ng	95
31) Naphthalene	8.28	128	1420345	39.459	ng	95
32) Benzoic acid	8.00	122	237623	31.703	ng	93
33) 4-Chloroaniline	8.32	127	241978	15.169	ng	96
34) Hexachlorobutadiene	8.39	225	310813	39.960	ng	98
35) Caprolactam	8.69	113	150751	41.276	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	490680	41.081	ng	97
37) 2-Methylnaphthalene	8.97	142	978145	39.897	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	493853	43.809	ng	96
40) Hexachlorocyclopentadiene	9.12	237	120703	19.407	ng	97

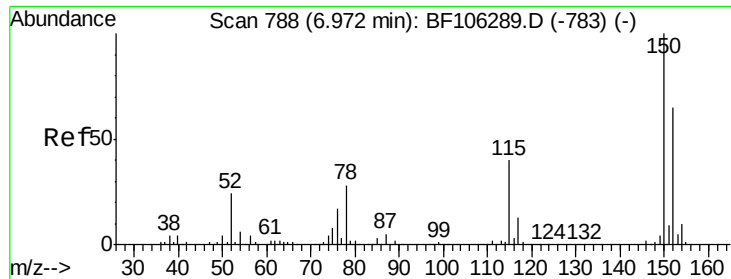
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106314.D
 Acq On : 12 Jun 2018 00:02
 Operator : JU/SJ
 Sample : J3422-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Quant Time: Jun 12 01:46:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	337424	46.969	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	346258	44.710	ng	# 93
45) 1,1'-Biphenyl	9.43	154	1121464	41.695	ng	97
46) 2-Chloronaphthalene	9.46	162	898530	41.745	ng	99
47) 2-Nitroaniline	9.55	65	317355	46.868	ng	90
48) Acenaphthylene	9.88	152	1345925	40.853	ng	95
49) Dimethylphthalate	9.73	163	1322959	53.325	ng	# 96
50) 2,6-Dinitrotoluene	9.80	165	228462	45.081	ng	95
51) Acenaphthene	10.05	154	816795	38.389	ng	98
52) 3-Nitroaniline	9.96	138	170341	28.320	ng	93
53) 2,4-Dinitrophenol	10.07	184	61514	32.205	ng	# 19
54) Dibenzofuran	10.22	168	1133469	39.561	ng	# 93
55) 4-Nitrophenol	10.11	139	347424	75.357	ng	94
56) 2,4-Dinitrotoluene	10.20	165	278149	43.707	ng	# 95
57) Fluorene	10.57	166	845772	37.259	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	274309	44.689	ng	# 85
59) Diethylphthalate	10.43	149	994410	40.382	ng	# 93
60) 4-Chlorophenyl-phenylether	10.55	204	466677	39.087	ng	89
61) 4-Nitroaniline	10.58	138	192075	32.822	ng	100
62) Azobenzene	10.71	77	985545	38.383	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	48993	20.891	ng	85
65) n-Nitrosodiphenylamine	10.67	169	841649	46.323	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	297767	48.427	ng	# 88
67) Hexachlorobenzene	11.11	284	283005	44.644	ng	# 84
68) Atrazine	11.20	200	259564	46.357	ng	96
69) Pentachlorophenol	11.30	266	302387	77.479	ng	98
70) Phenanthrene	11.53	178	1110800	41.955	ng	98
71) Anthracene	11.58	178	1125137	42.420	ng	97
72) Carbazole	11.73	167	997918	40.753	ng	98
73) Di-n-butylphthalate	12.05	149	1275064	46.786	ng	97
74) Fluoranthene	12.72	202	1122300	39.748	ng	98
76) Benzidine	12.84	184	866831	52.115	ng	99
77) Pyrene	12.95	202	1161544	37.123	ng	97
79) Butylbenzylphthalate	13.56	149	512723	43.777	ng	# 96
80) Benzo(a)anthracene	14.14	228	1199449	40.330	ng	97
81) 3,3'-Dichlorobenzidine	14.09	252	444348	44.282	ng	# 98
82) Chrysene	14.18	228	1103192	40.628	ng	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	732558	43.622	ng	100
84) Di-n-octyl phthalate	14.74	149	1242877	51.338	ng	100
85) Indeno(1,2,3-cd)pyrene	17.23	276	810863	37.417	ng	# 93
87) Benzo(b)fluoranthene	15.25	252	979741	41.540	ng	96
88) Benzo(k)fluoranthene	15.25	252	979741	41.944	ng	# 96
89) Benzo(a)pyrene	15.61	252	917247	43.238	ng	96
90) Dibenzo(a,h)anthracene	17.25	278	680211	38.460	ng	# 94
91) Benzo(g,h,i)perylene	17.71	276	649051	37.762	ng	93

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

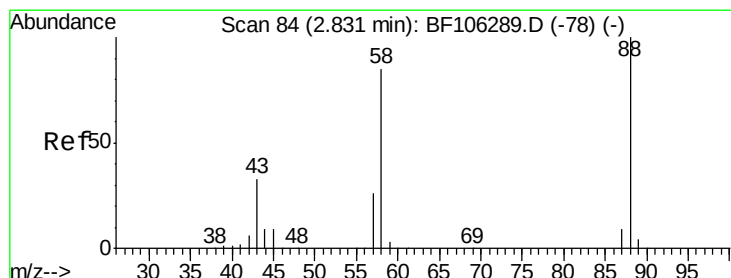
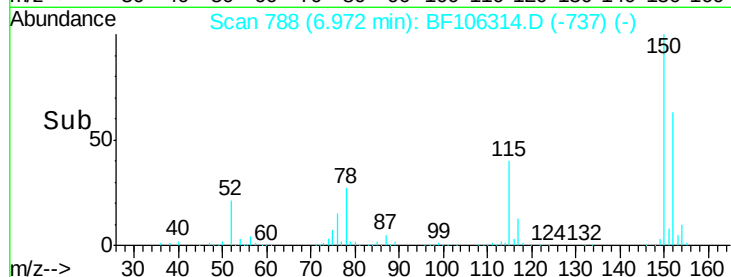
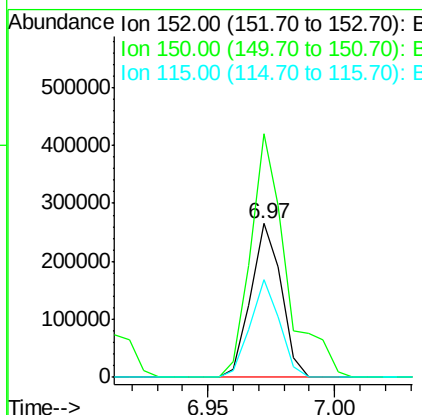
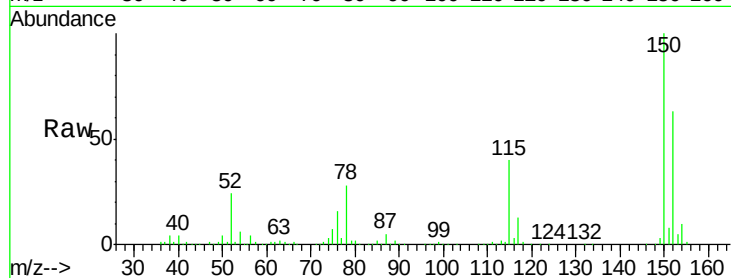


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

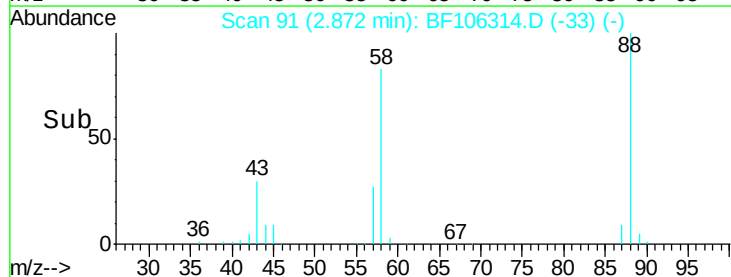
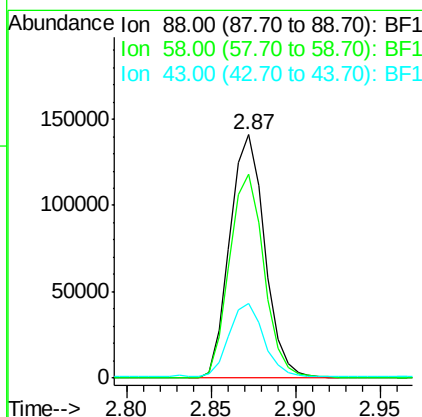
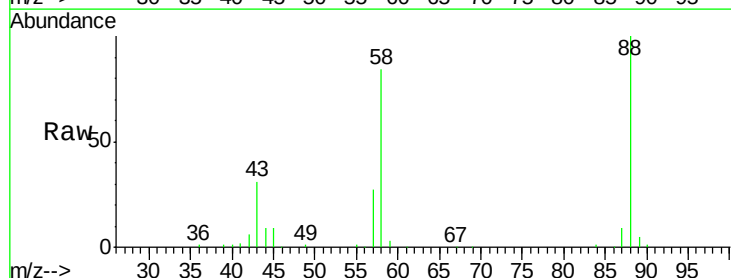
Tgt Ion: 152 Resp: 222259
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 63.7 50.1 75.1

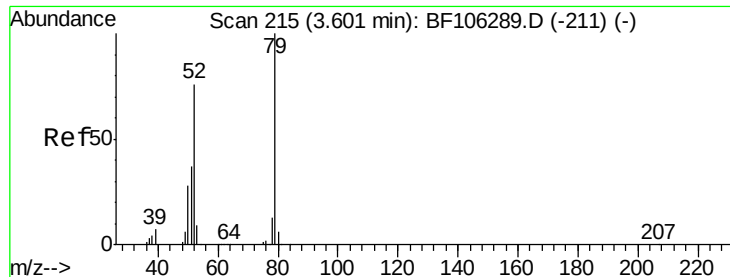


#2

1,4-Dioxane
Concen: 29.922 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.04 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion: 88 Resp: 203360
Ion Ratio Lower Upper
88 100
58 83.7 62.6 93.8
43 30.3 24.6 37.0





#3

Pyridine

Concen: 31.091 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

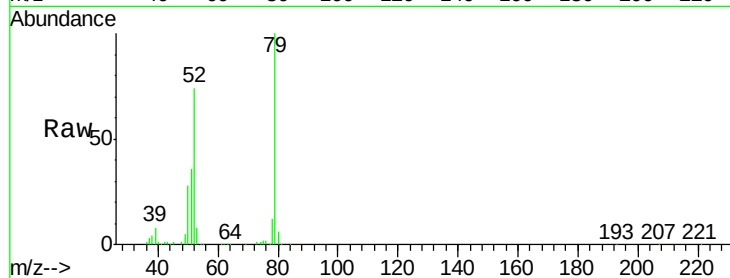
Tgt Ion: 79 Resp: 588849

Ion Ratio Lower Upper

79 100

52 74.4 59.8 89.6

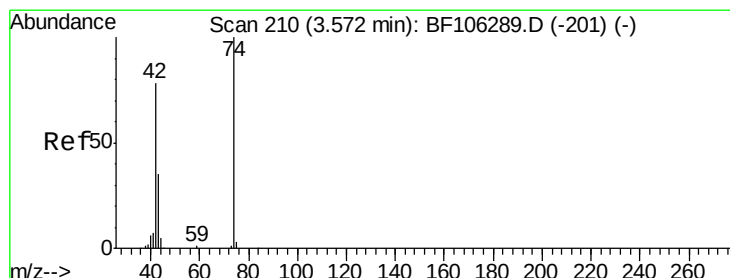
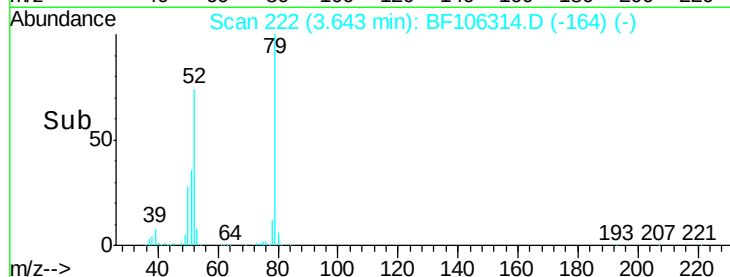
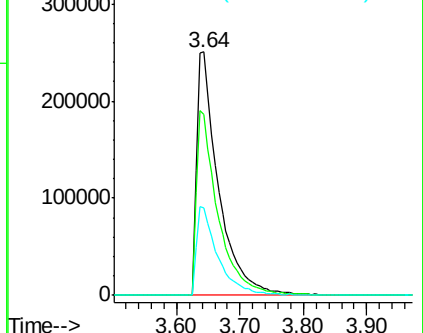
51 35.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.743 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

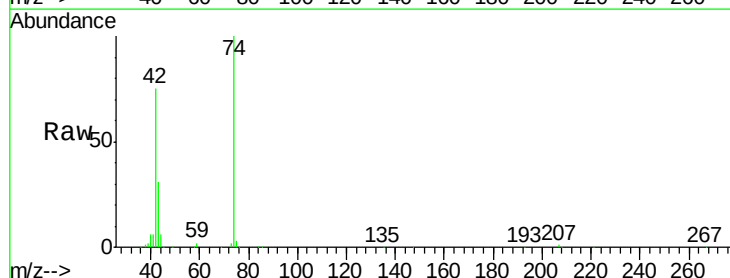
Tgt Ion: 42 Resp: 301440

Ion Ratio Lower Upper

42 100

74 133.5 104.9 157.3

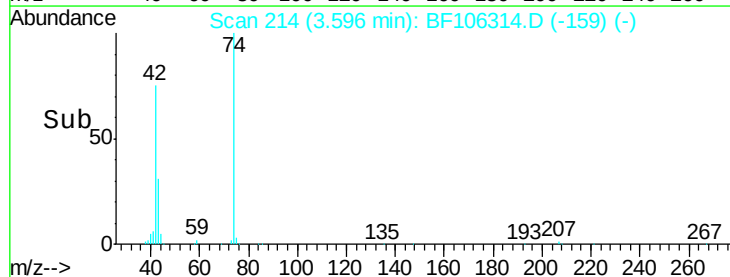
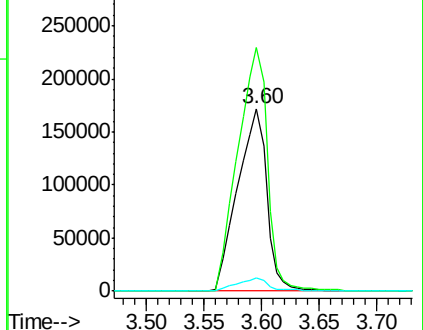
44 7.4 6.9 10.3

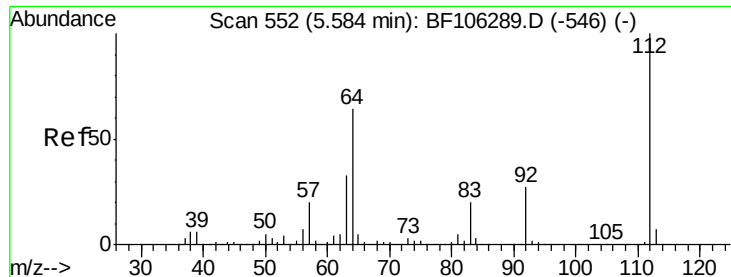


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.768 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

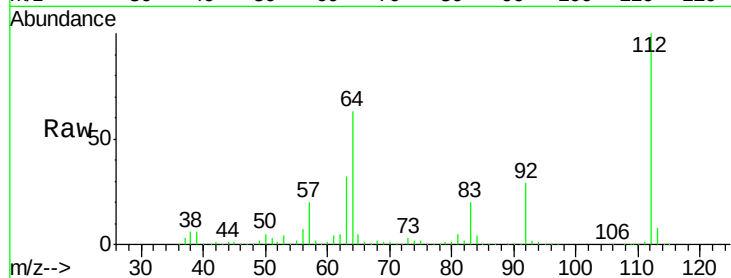
Tgt Ion: 112 Resp: 1599064

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

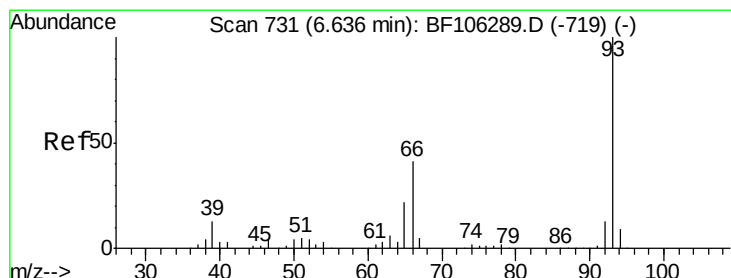
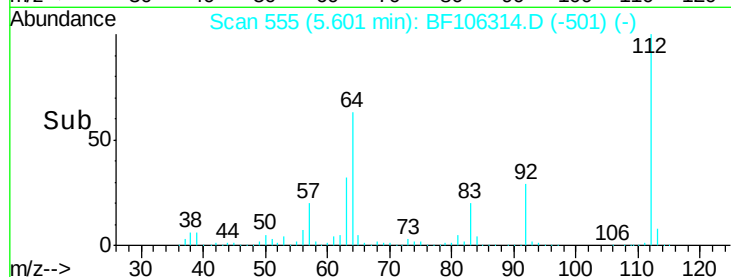
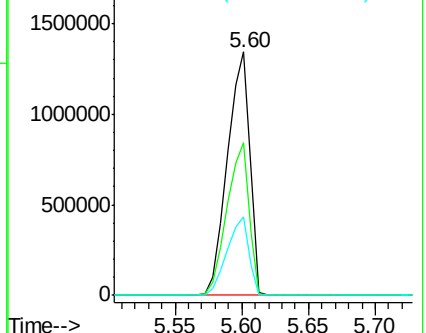
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.704 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

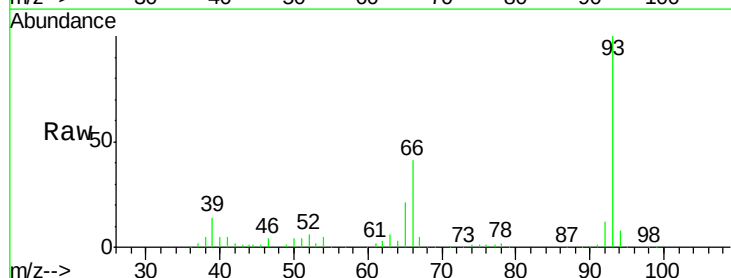
Tgt Ion: 93 Resp: 453142

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

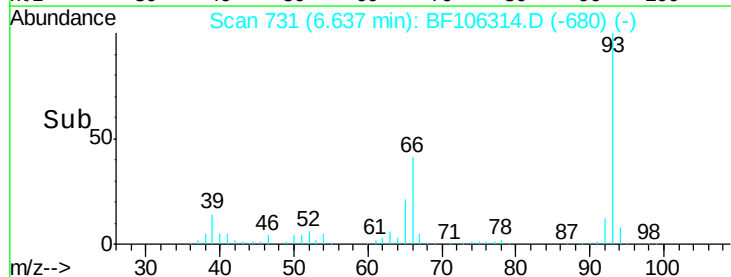
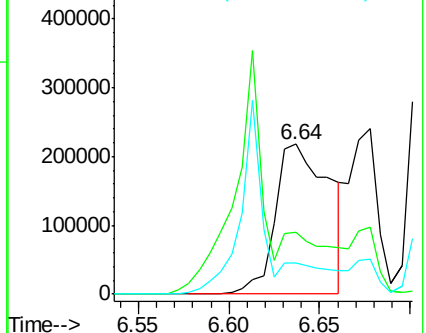
65 20.5 16.4 24.6

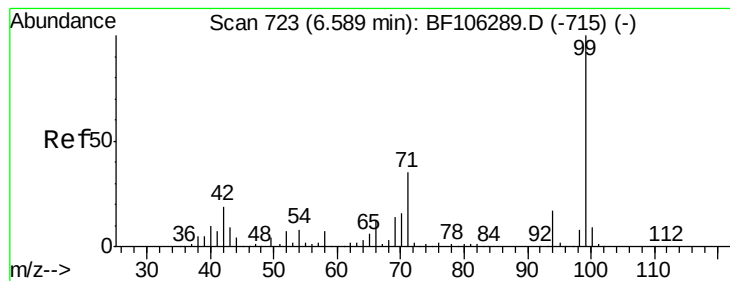


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.279 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

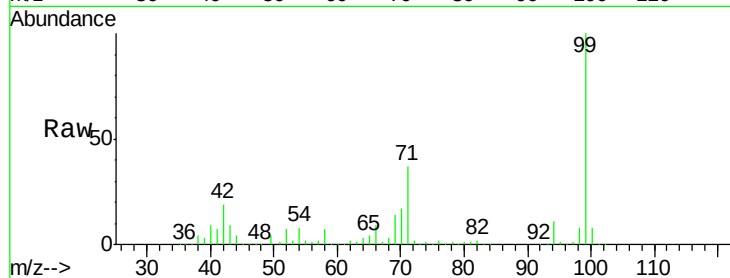
Tgt Ion: 99 Resp: 2061913

Ion Ratio Lower Upper

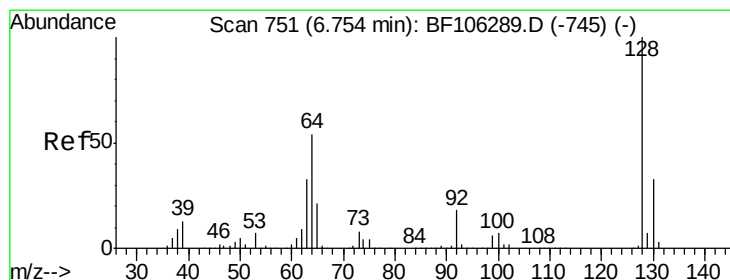
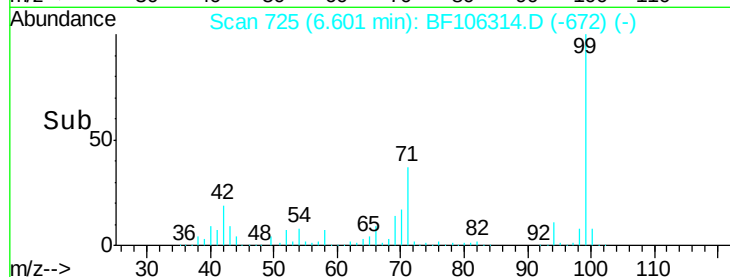
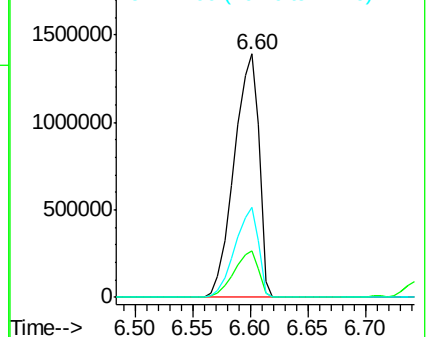
99 100

42 19.0 14.5 21.7

71 36.8 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: 37.337 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

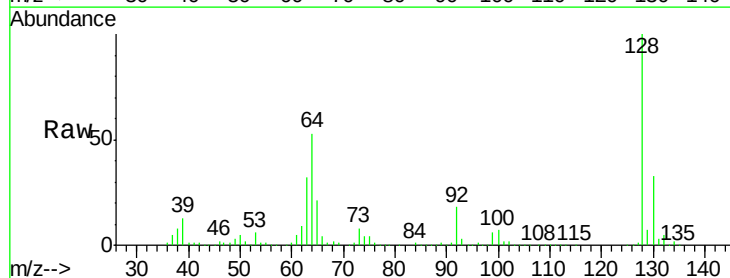
Tgt Ion: 128 Resp: 527274

Ion Ratio Lower Upper

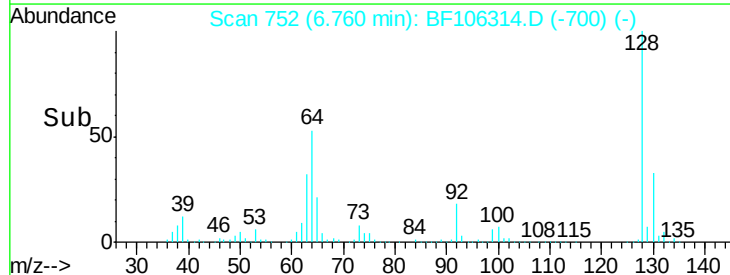
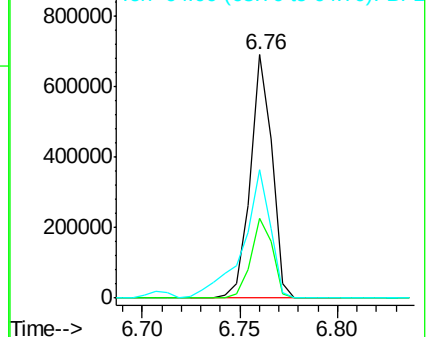
128 100

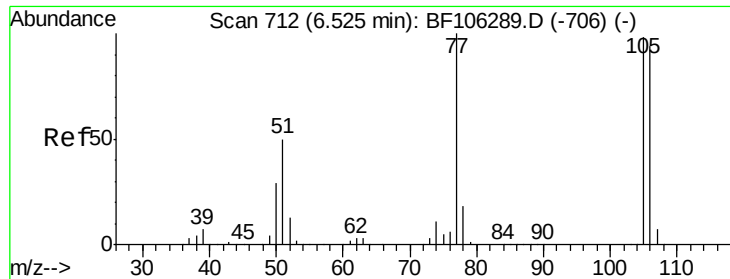
130 33.0 13.0 53.0

64 52.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 32.252 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

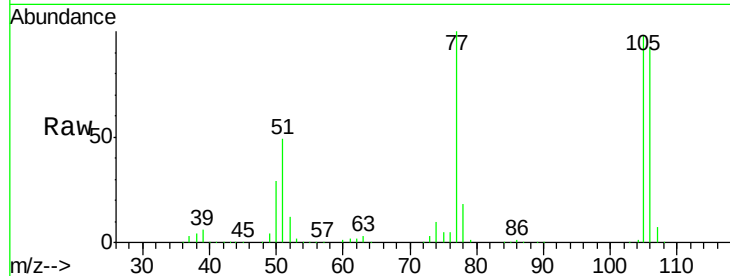
Tgt Ion: 77 Resp: 405873

Ion Ratio Lower Upper

77 100

105 98.1 81.1 121.1

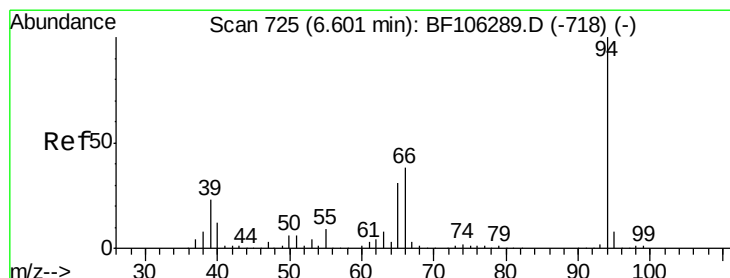
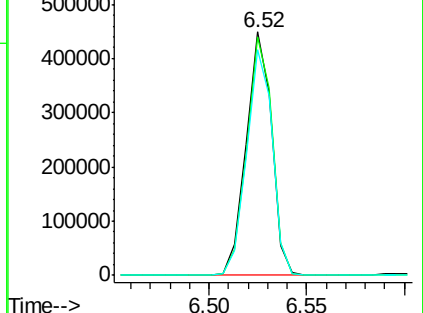
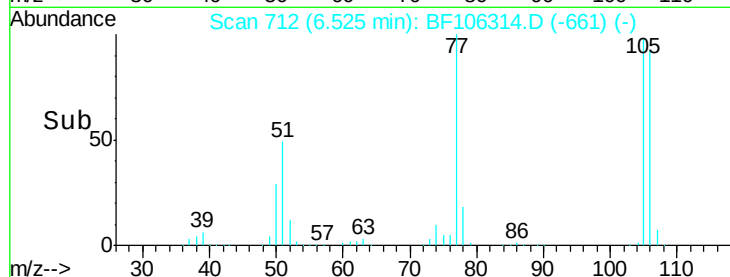
106 92.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.614 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

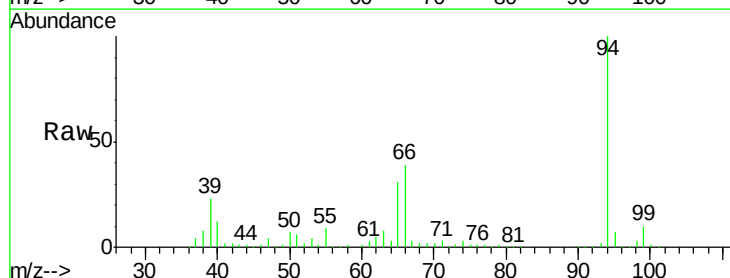
Tgt Ion: 94 Resp: 699387

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

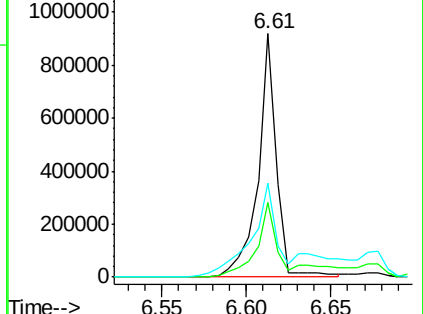
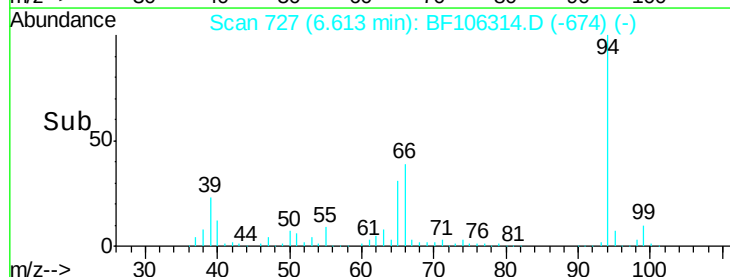
66 38.5 16.2 56.2

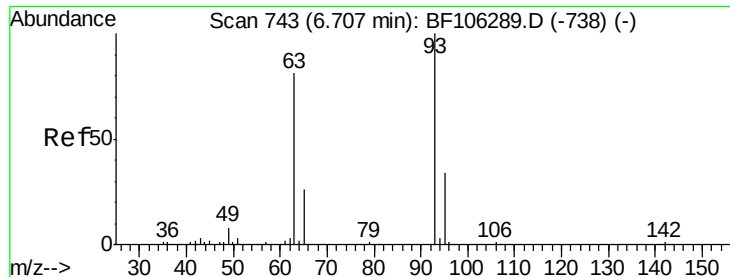


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

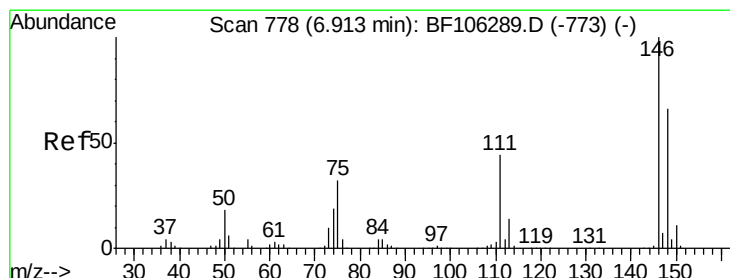
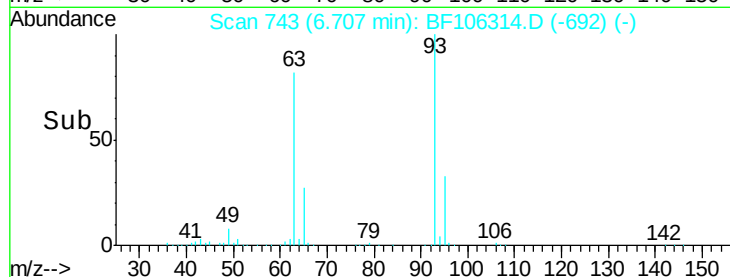
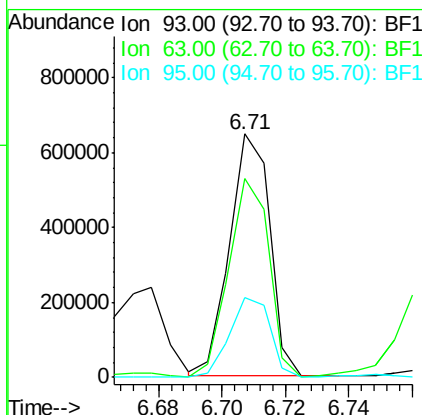
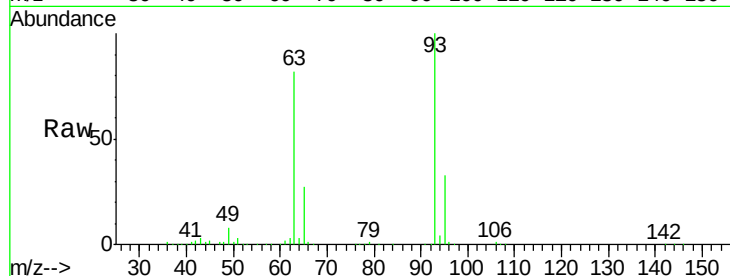




#11
bis(2-Chloroethyl)ether
Concen: 36.514 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

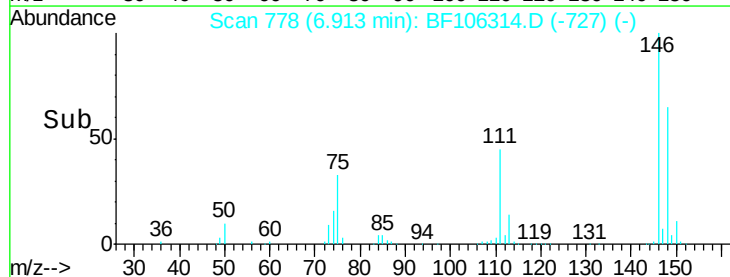
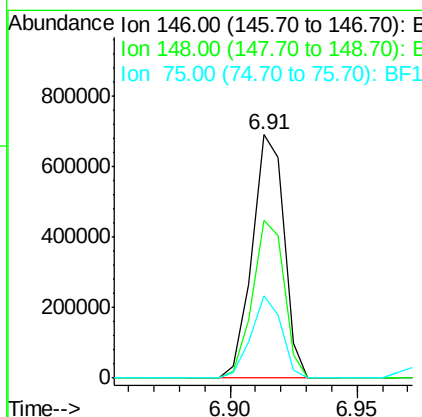
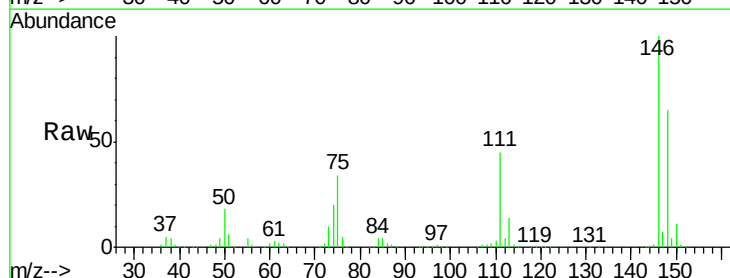
Instrument :
BNA_F
ClientSampleId :
SP-1MS

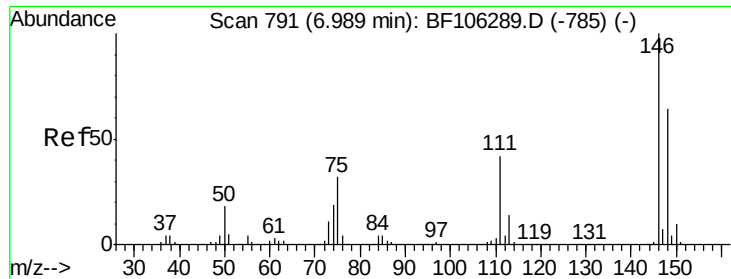
Tgt Ion: 93 Resp: 566157
Ion Ratio Lower Upper
93 100
63 81.7 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.422 ng
RT: 6.91 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion: 146 Resp: 605365
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 34.0 24.2 36.4

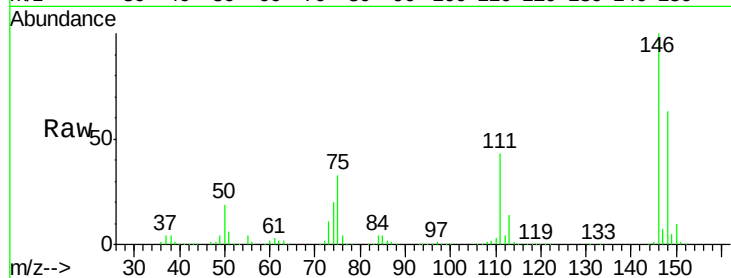




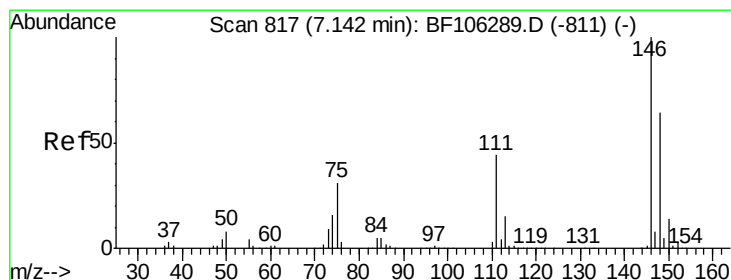
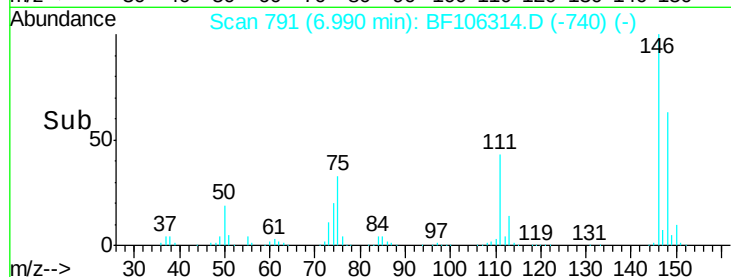
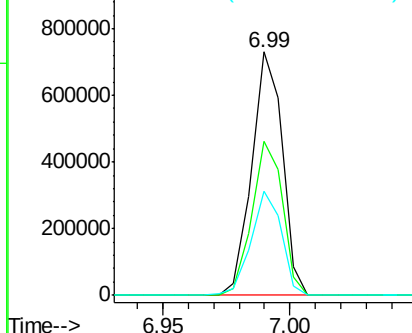
#13
 1,4-Dichlorobenzene
 Concen: 36.458 ng
 RT: 6.99 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleID :
 SP-1MS

Tgt Ion:146 Resp: 614917
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 42.8 34.2 51.2

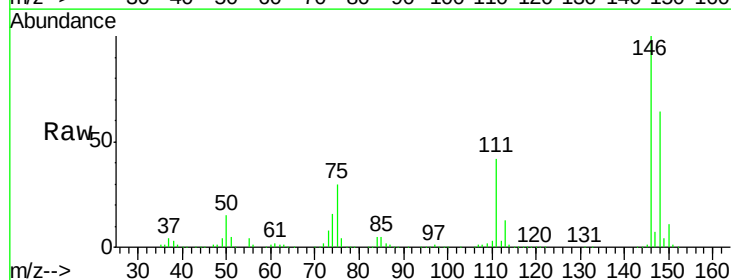


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

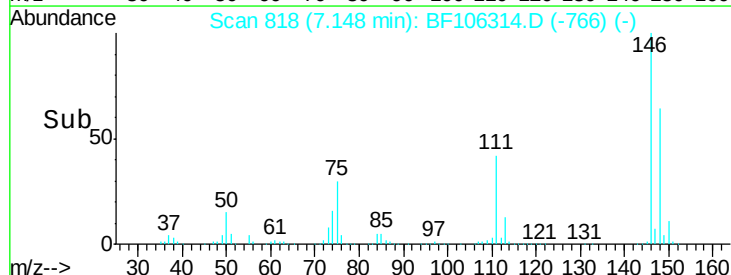
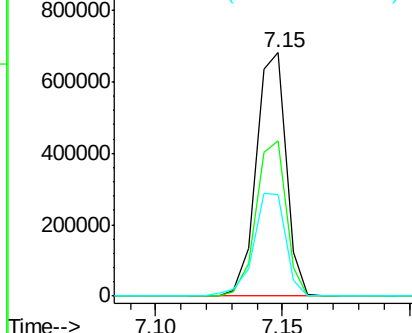


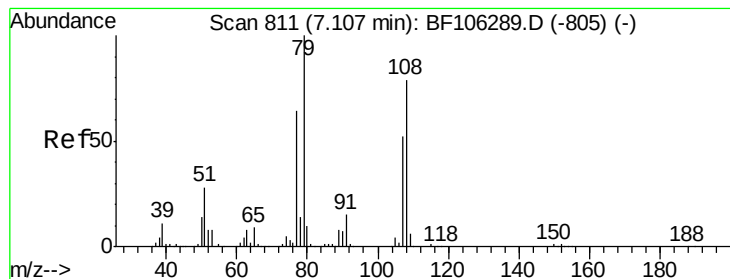
#14
 1,2-Dichlorobenzene
 Concen: 35.509 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:146 Resp: 563804
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 41.9 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: 37.399 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

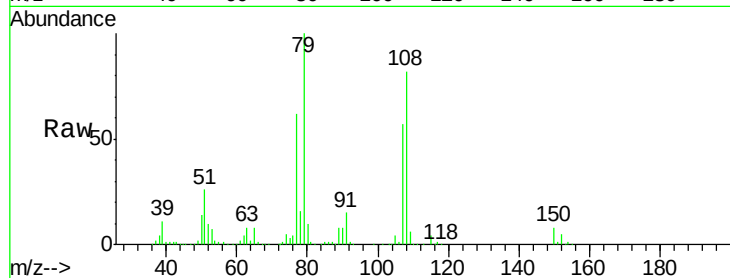
Tgt Ion: 79 Resp: 531380

Ion Ratio Lower Upper

79 100

108 81.8 65.1 97.7

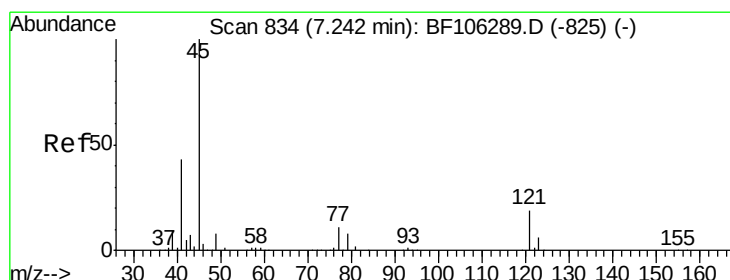
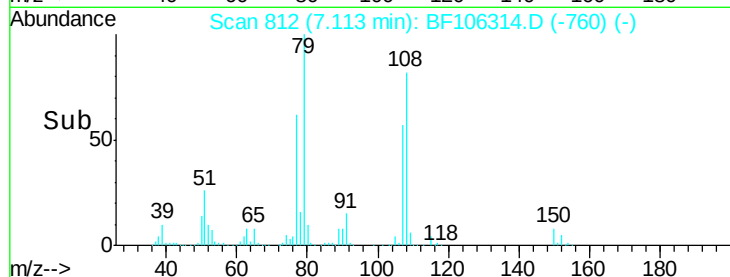
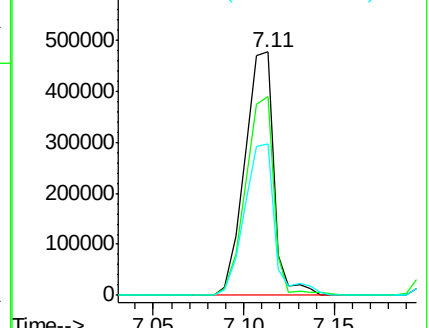
77 62.3 50.6 75.8



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: 41.729 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

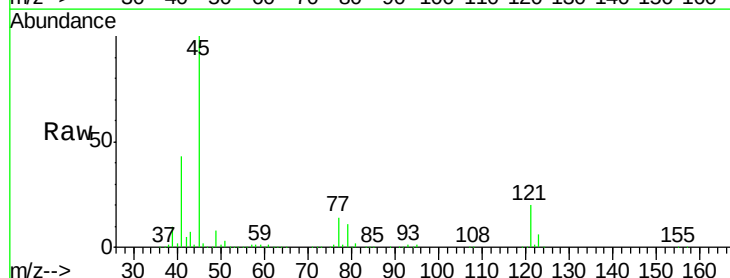
Tgt Ion: 45 Resp: 927488

Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.9

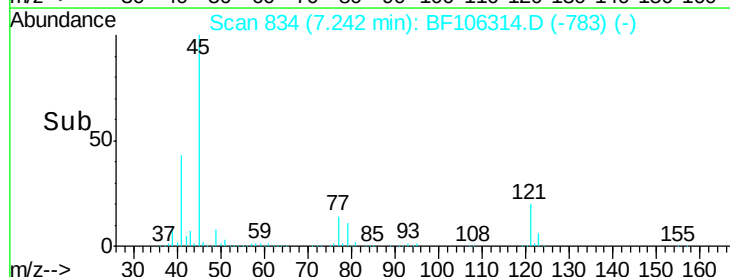
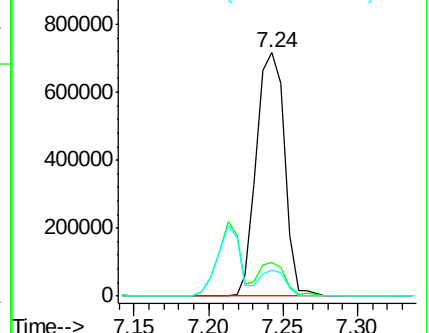
79 10.6 0.0 29.6

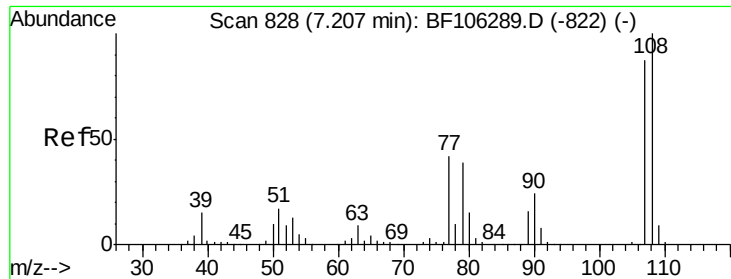


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

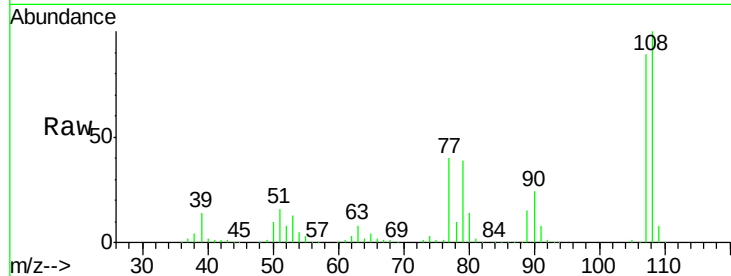




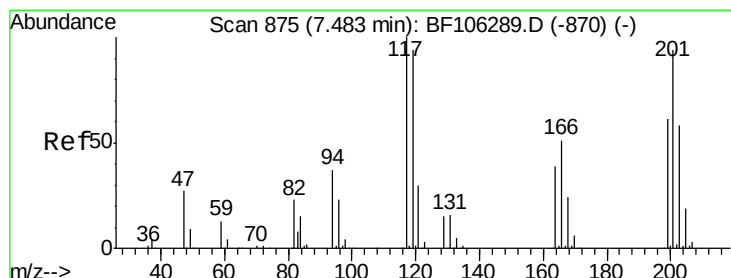
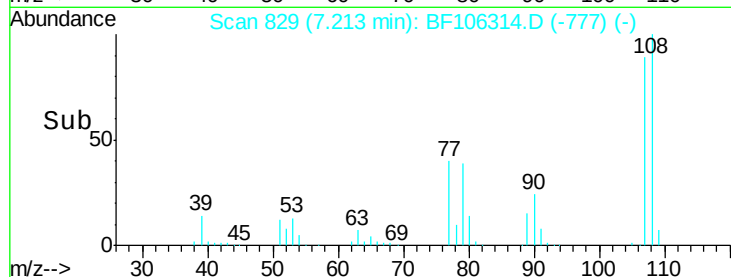
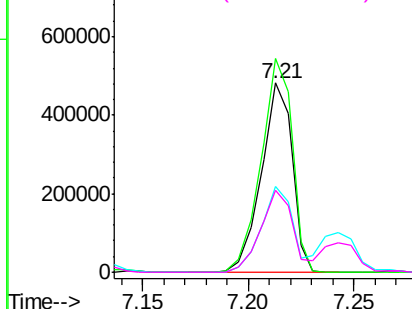
#17
2-Methylphenol
Concen: 38.992 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tgt Ion:107 Resp: 491284
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 45.2 33.8 50.8
79 43.6 33.8 50.8

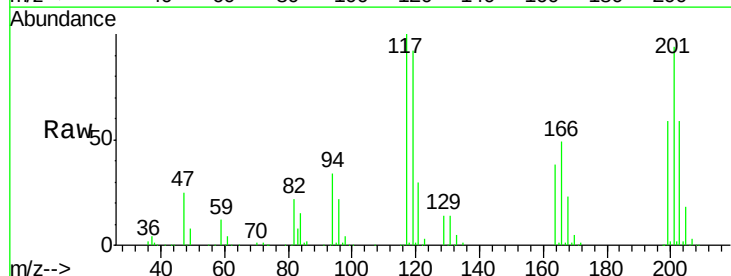


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

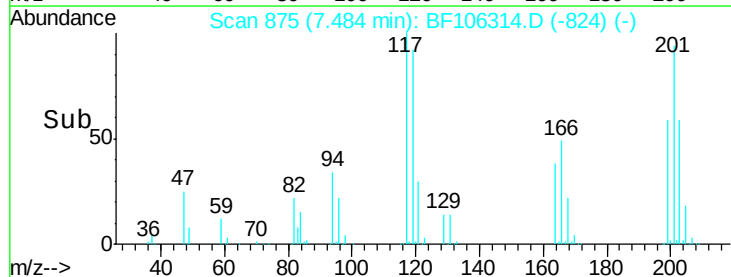
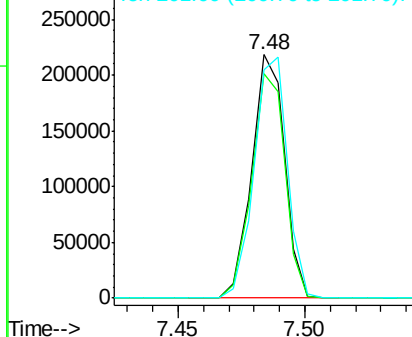


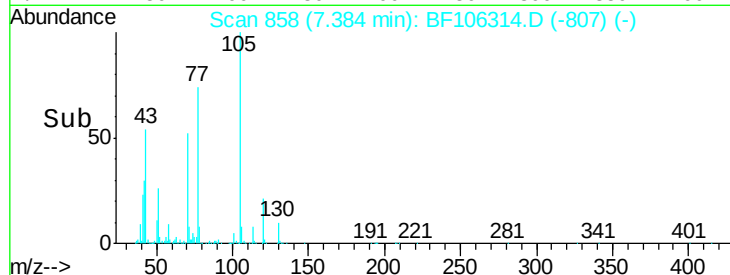
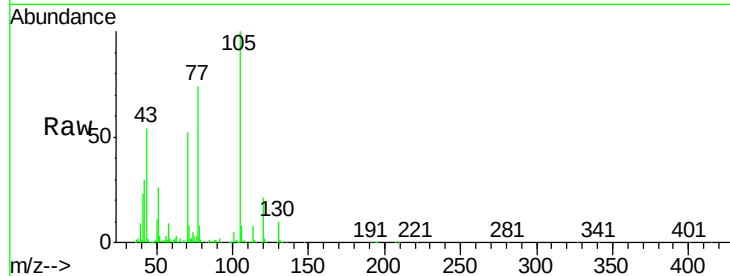
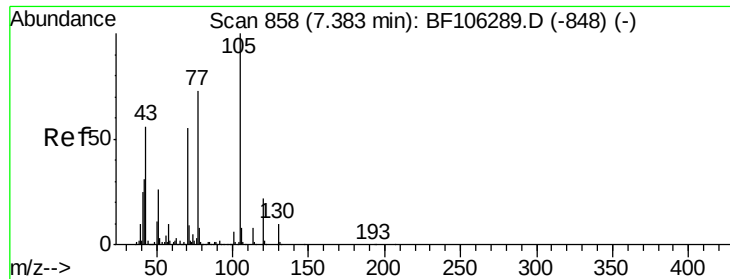
#18
Hexachloroethane
Concen: 32.862 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:117 Resp: 197496
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.8
201 93.6 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

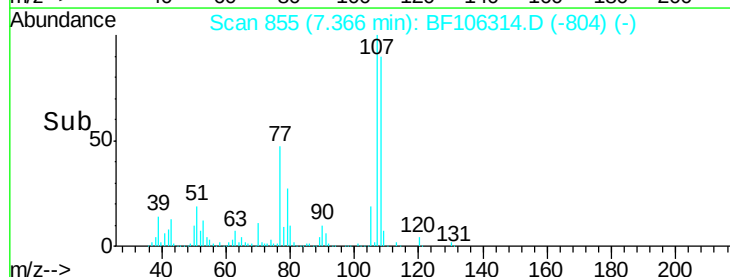
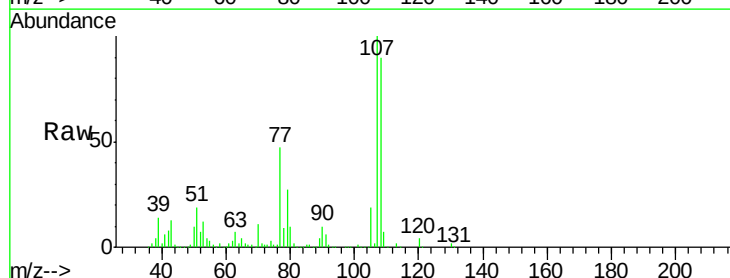
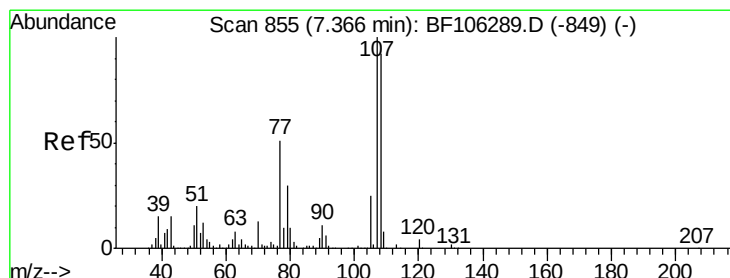
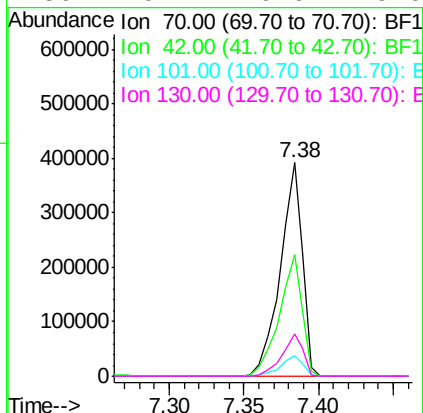




#19
n-Nitroso-di-n-propylamine
Concen: 32.892 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

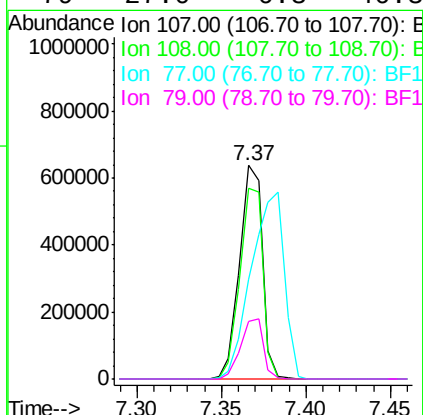
Instrument :
BNA_F
ClientSampleId :
SP-1MS

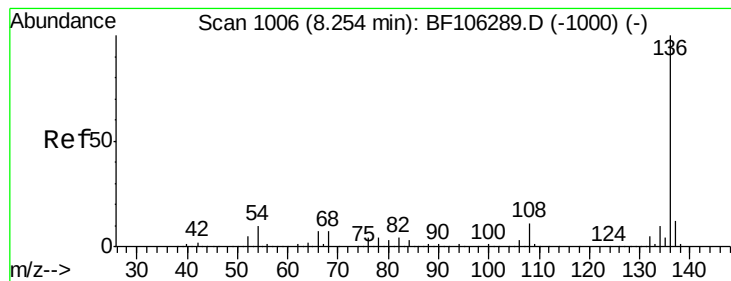
Tgt Ion: 70 Resp: 409412
Ion Ratio Lower Upper
70 100
42 57.0 47.5 71.3
101 9.4 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.397 ng
RT: 7.37 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion: 107 Resp: 602558
Ion Ratio Lower Upper
107 100
108 89.6 68.2 108.2
77 46.6 26.7 66.7
79 27.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampled :

SP-1MS

Tgt Ion:136 Resp: 796274

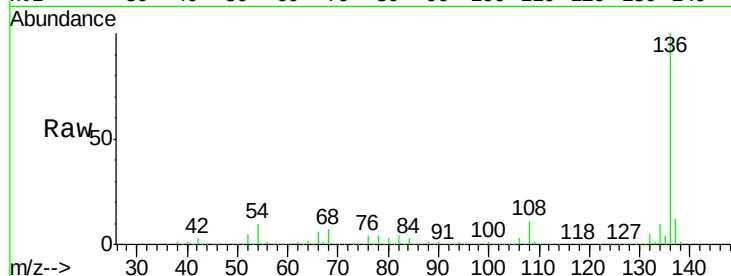
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 9.5 6.6 9.8

68 7.2 5.0 7.4

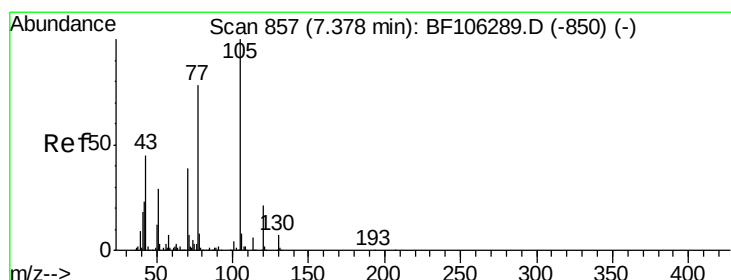
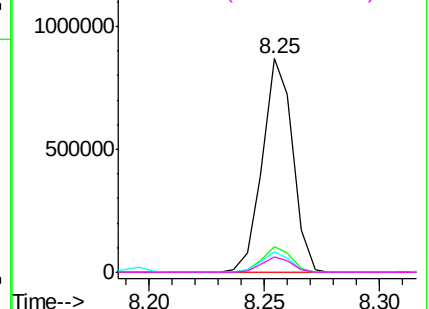
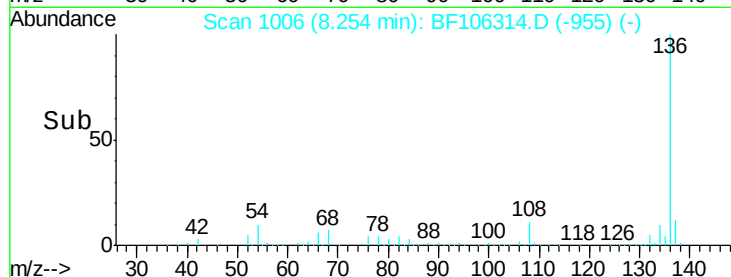


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.539 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion:105 Resp: 773344

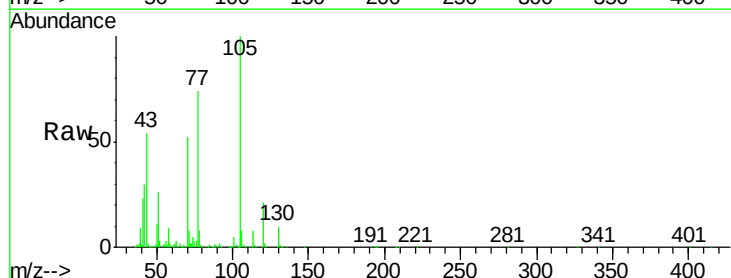
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 25.6 22.3 33.5

120 21.3 16.9 25.3

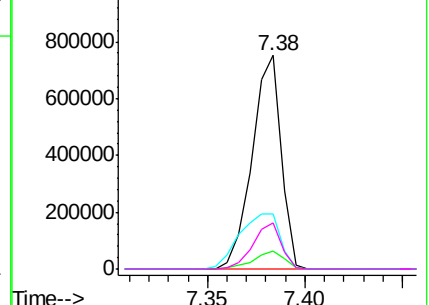
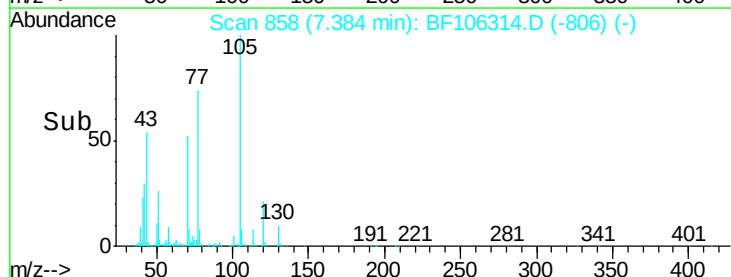


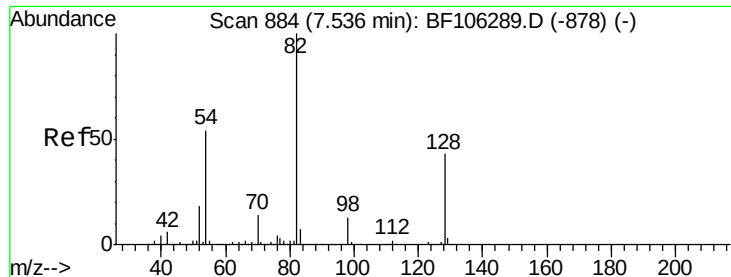
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

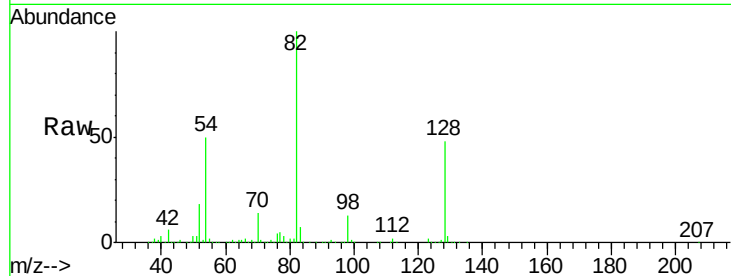




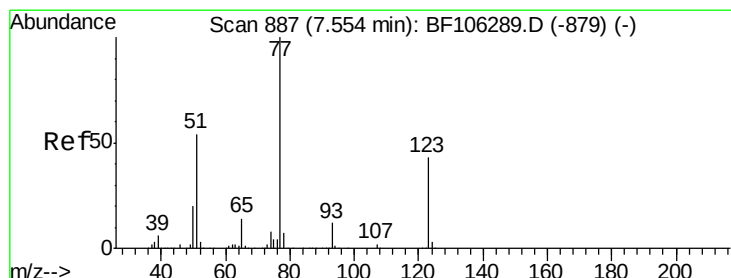
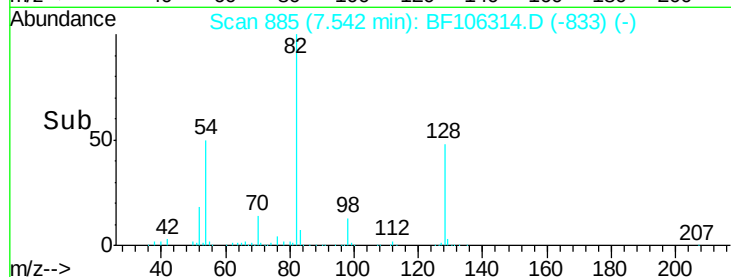
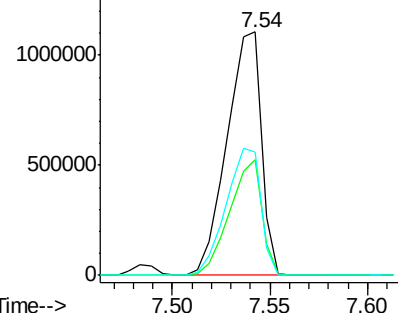
#23
 Nitrobenzene-d5
 Concen: 100.478 ng
 RT: 7.54 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion: 82 Resp: 1360025
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 50.4 41.4 62.2

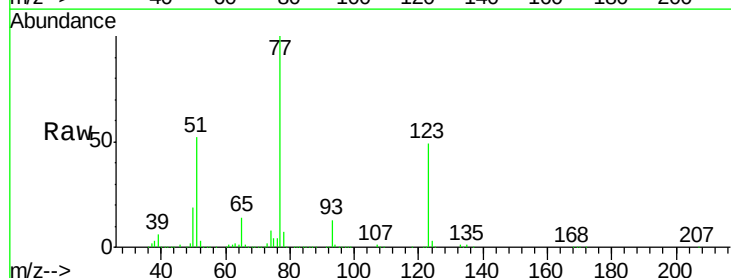


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

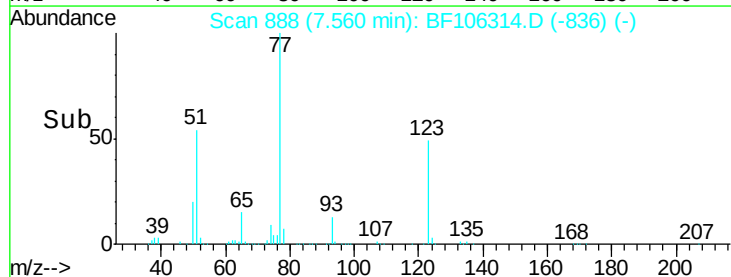
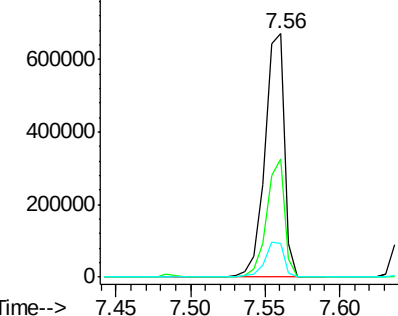


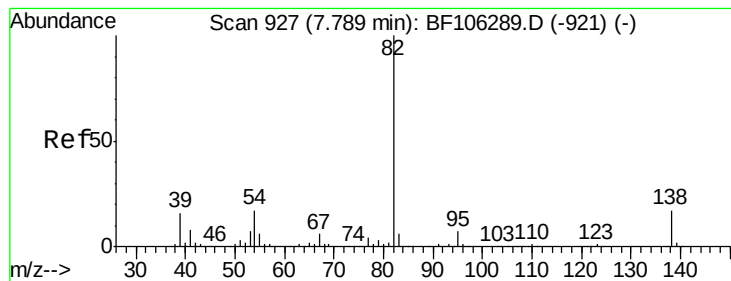
#24
 Nitrobenzene
 Concen: 41.883 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion: 77 Resp: 616166
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.9 56.9
 65 14.0 11.0 16.4



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





#25

Isophorone

Concen: 42.275 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

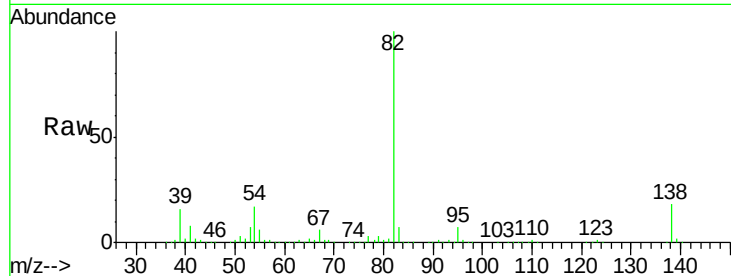
Tgt Ion: 82 Resp: 1117675

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

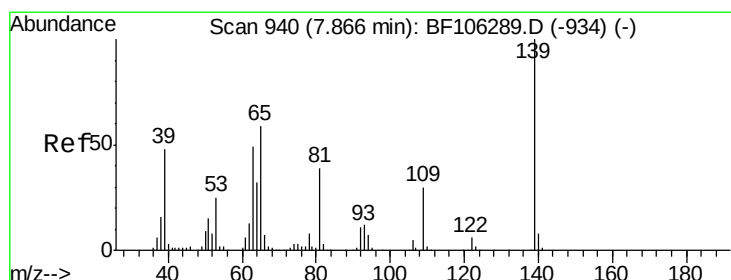
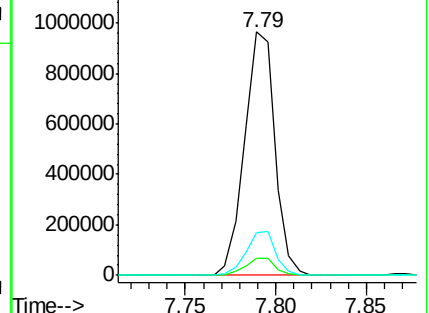
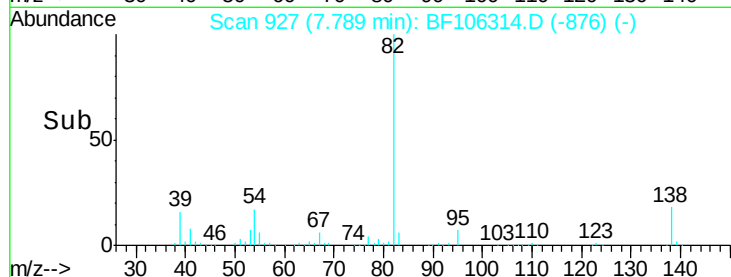
138 17.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.565 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

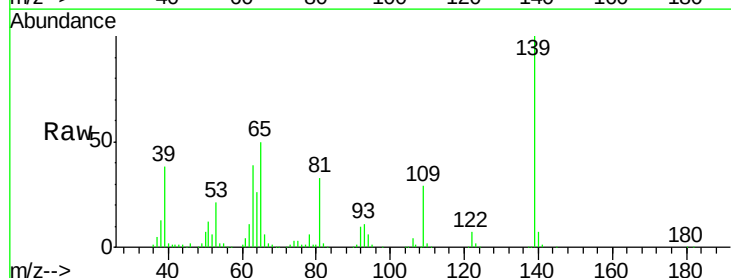
Tgt Ion: 139 Resp: 277325

Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

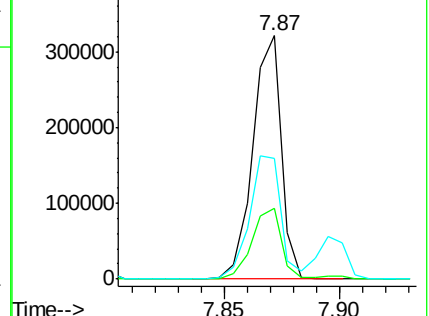
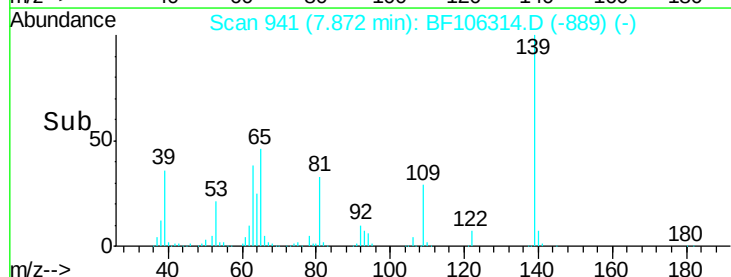
65 49.8 40.5 60.7

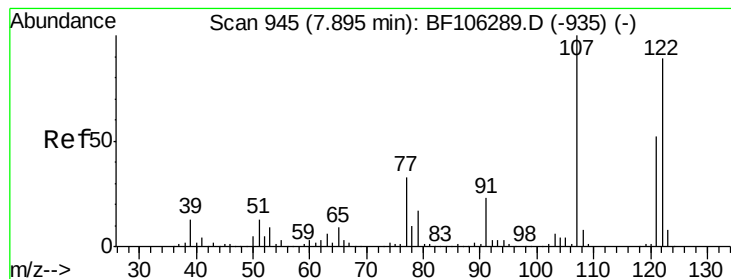


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.424 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

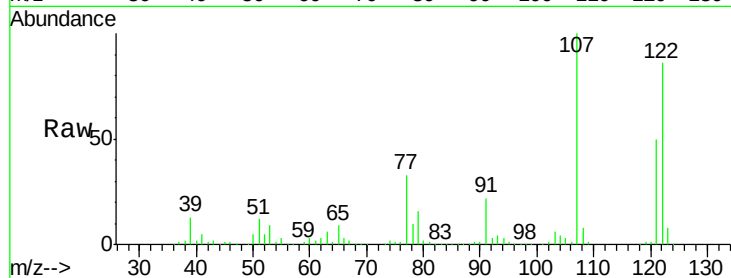
Tgt Ion:122 Resp: 530786

Ion Ratio Lower Upper

122 100

107 116.1 91.2 136.8

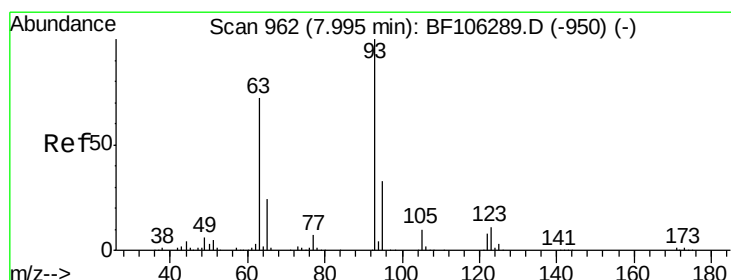
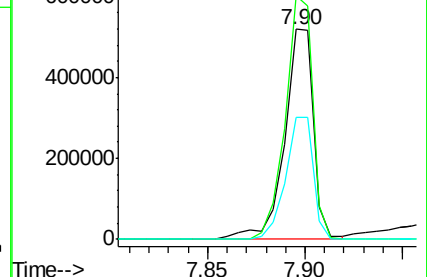
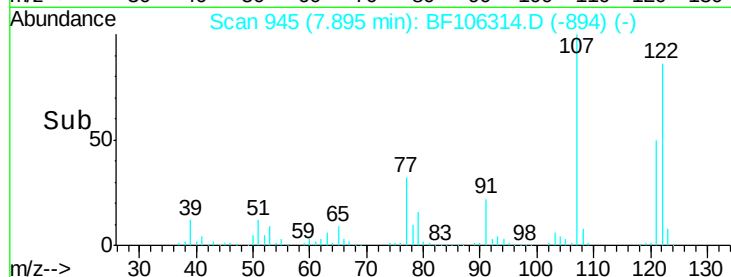
121 58.4 47.2 70.8



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: 40.635 ng

RT: 8.00 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

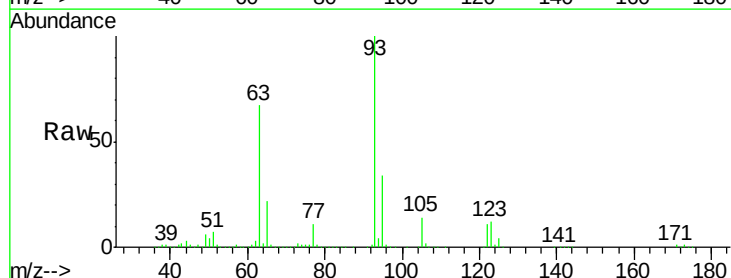
Tgt Ion: 93 Resp: 696594

Ion Ratio Lower Upper

93 100

95 34.1 26.3 39.5

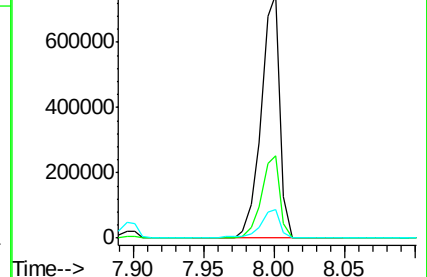
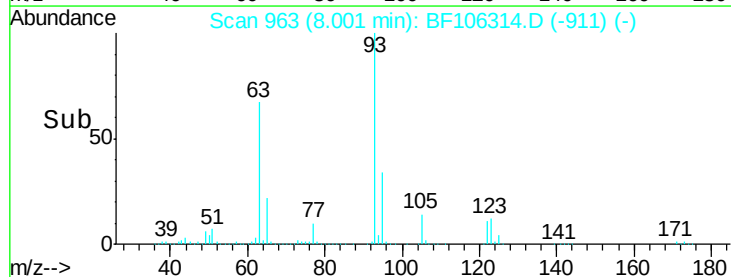
123 11.9 9.8 14.6

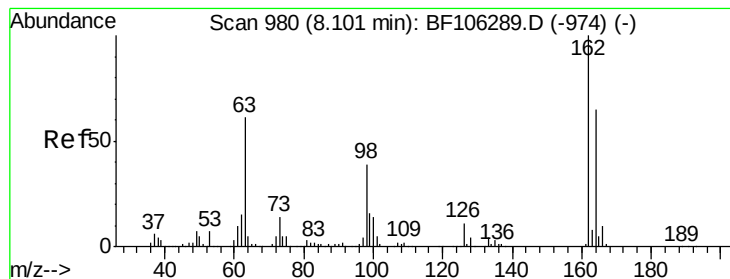


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.359 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

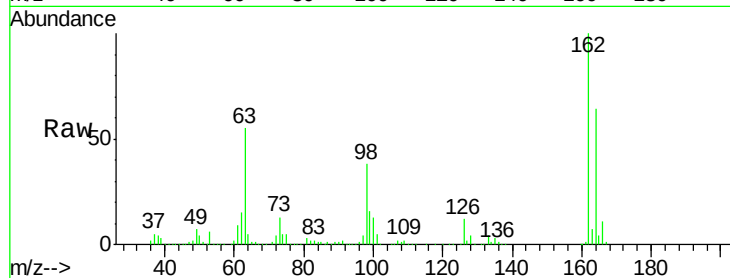
Tgt Ion:162 Resp: 478980

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

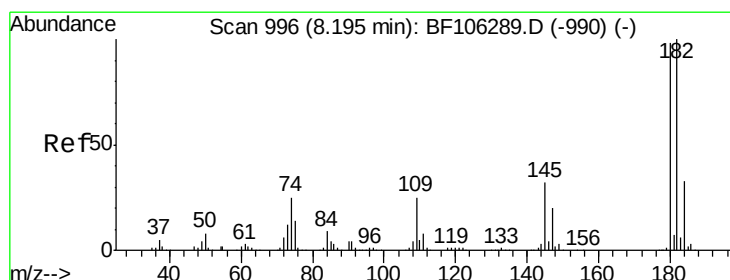
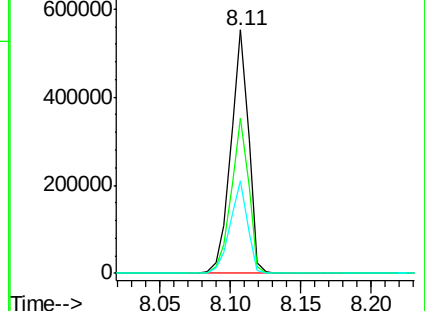
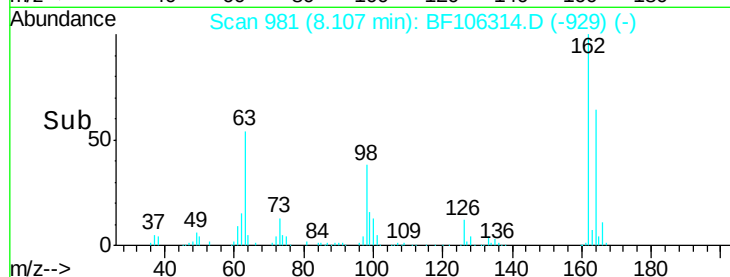
98 37.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.171 ng

RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

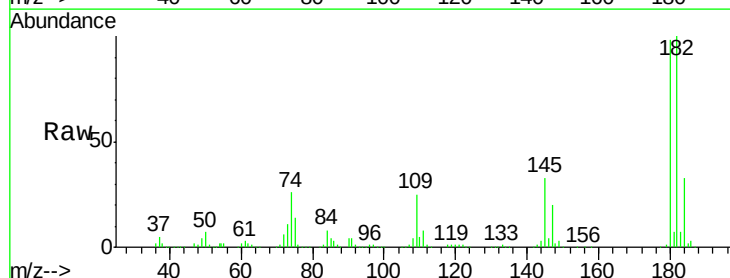
Tgt Ion:180 Resp: 486347

Ion Ratio Lower Upper

180 100

182 102.1 76.8 115.2

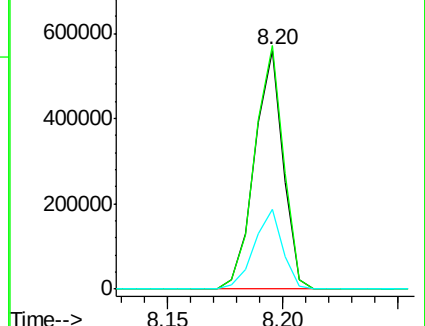
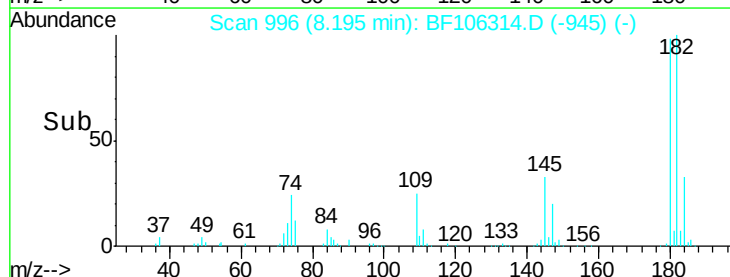
145 33.4 26.5 39.7

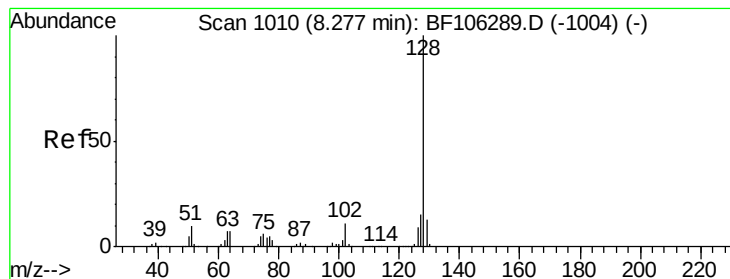


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.459 ng

RT: 8.28 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

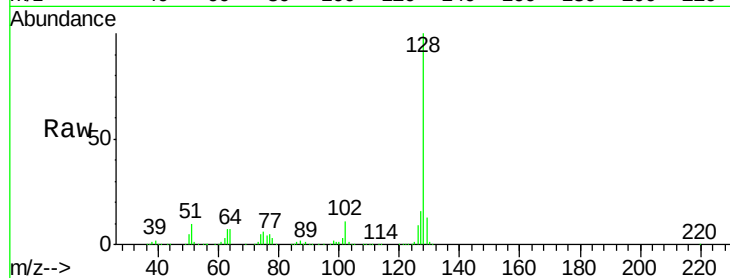
Tgt Ion:128 Resp: 1420345

Ion Ratio Lower Upper

128 100

129 13.1 8.8 13.2

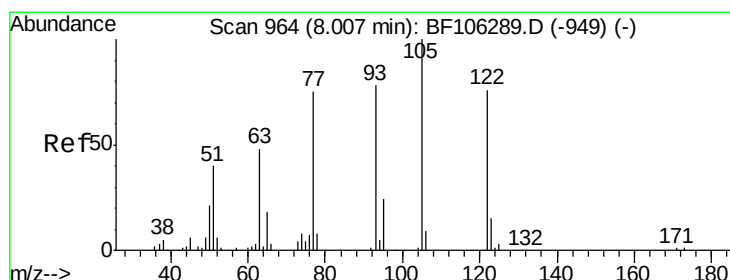
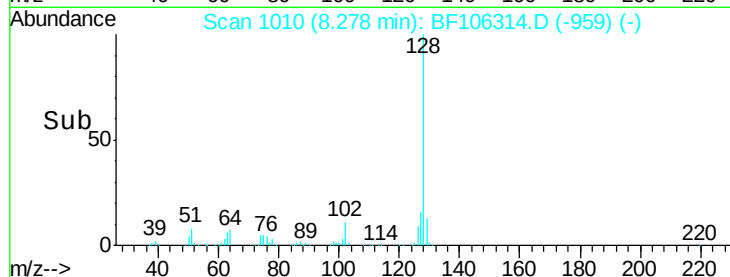
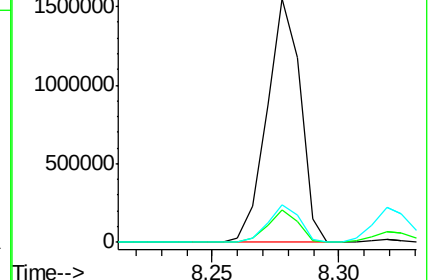
127 15.6 10.9 16.3



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: 31.703 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

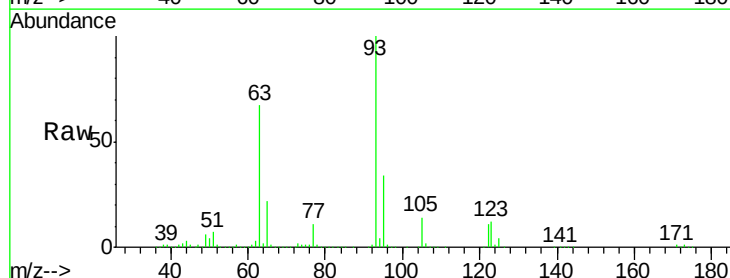
Tgt Ion:122 Resp: 237623

Ion Ratio Lower Upper

122 100

105 130.1 101.1 141.1

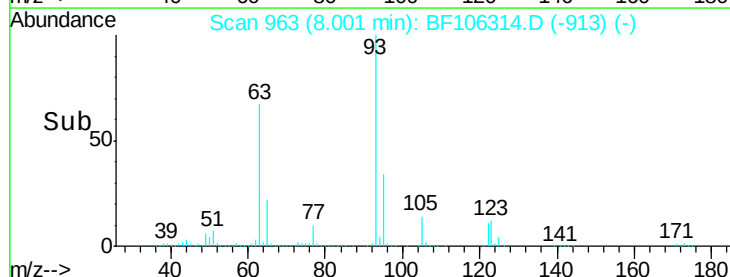
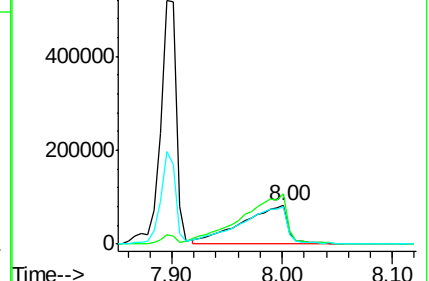
77 96.9 70.7 110.7

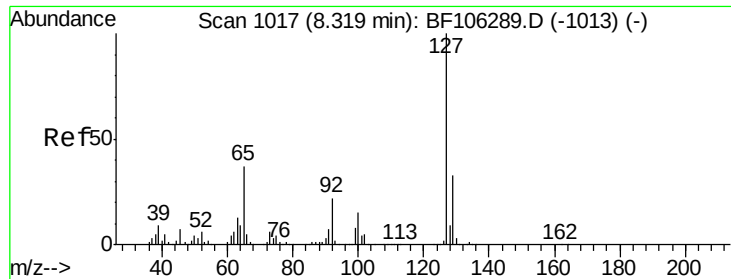


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

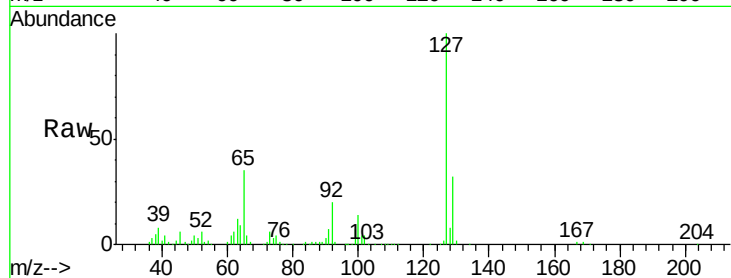




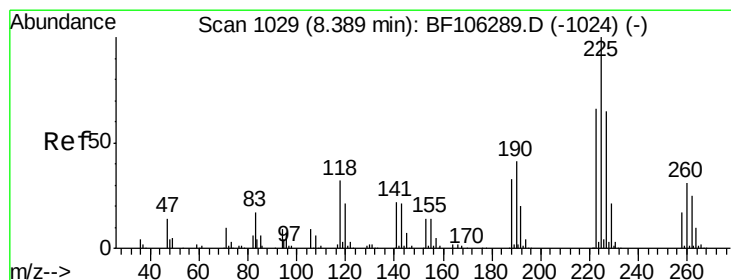
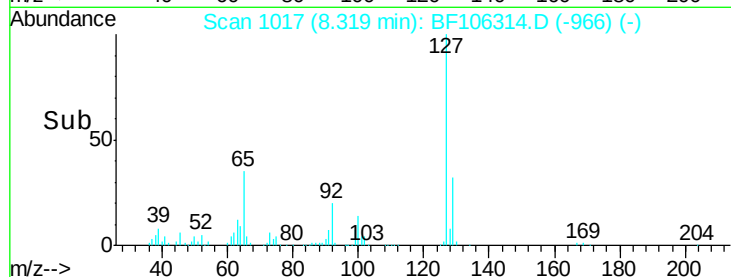
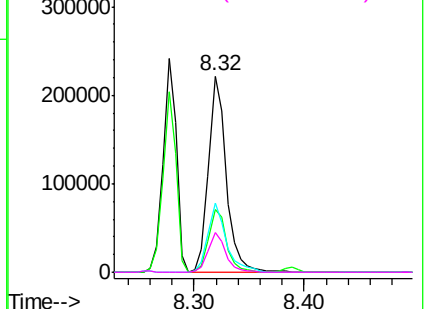
#33
4-Chloroaniline
Concen: 15.169 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tgt Ion:	127	Resp:	241978
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	35.2	25.0	37.4
92	20.4	15.2	22.8

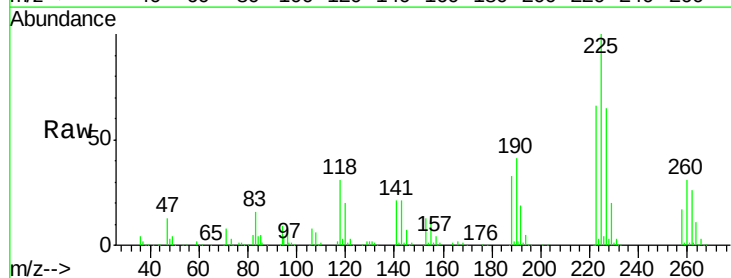


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

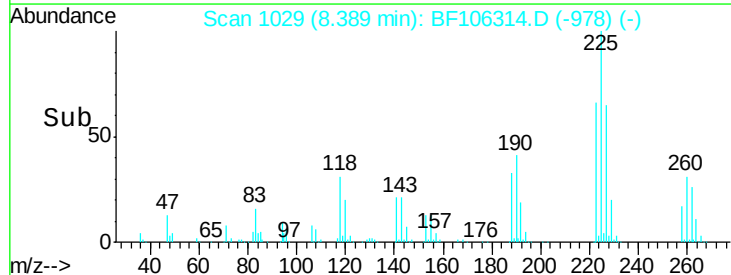
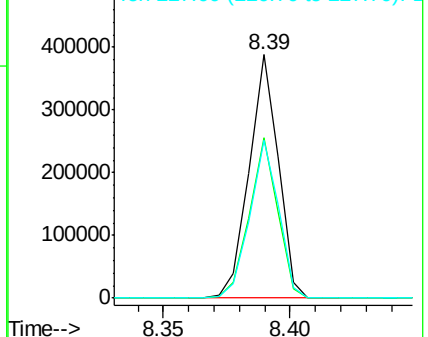


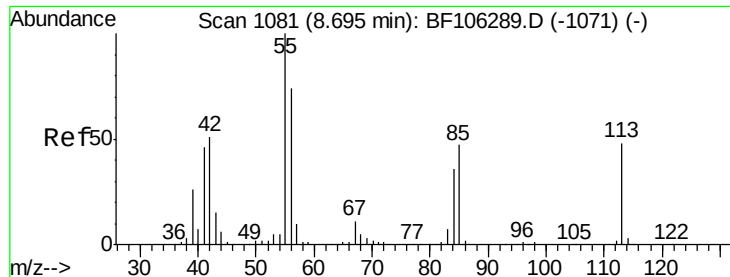
#34
Hexachlorobutadiene
Concen: 39.960 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:	225	Resp:	310813
Ion	Ratio	Lower	Upper
225	100		
223	65.8	50.6	76.0
227	64.9	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

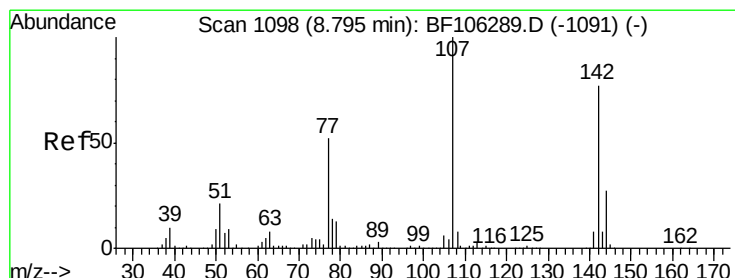
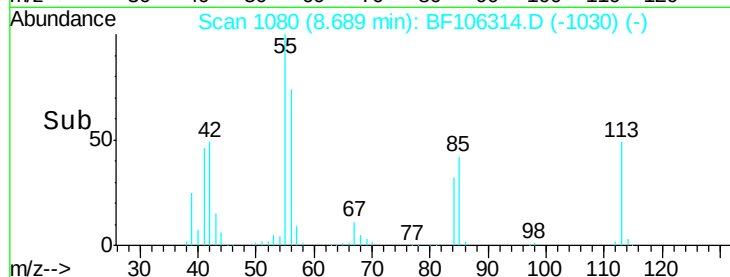
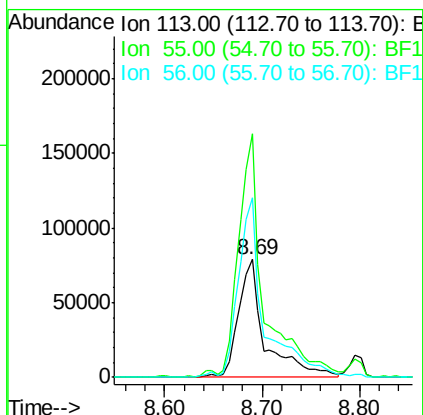
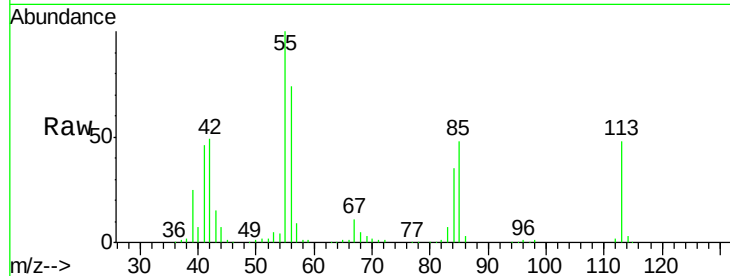




#35
 Caprolactam
 Concen: 41.276 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

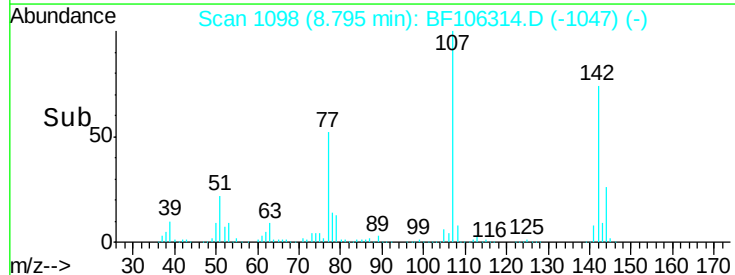
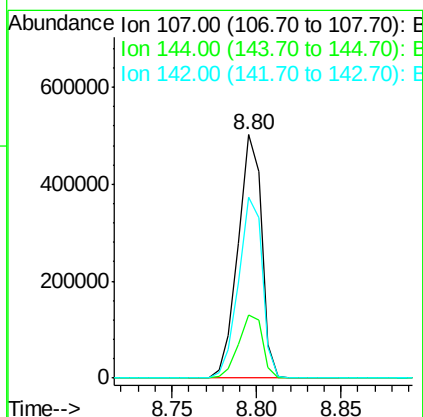
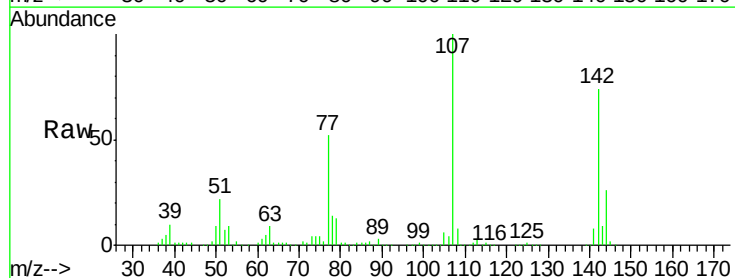
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

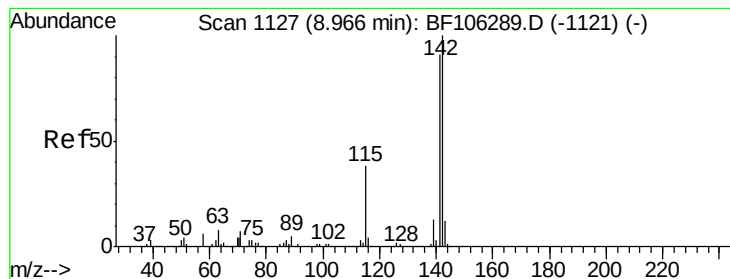
Tgt Ion:113 Resp: 150751
 Ion Ratio Lower Upper
 113 100
 55 206.6 163.3 203.3#
 56 152.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.081 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:107 Resp: 490680
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 74.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.897 ng

RT: 8.97 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

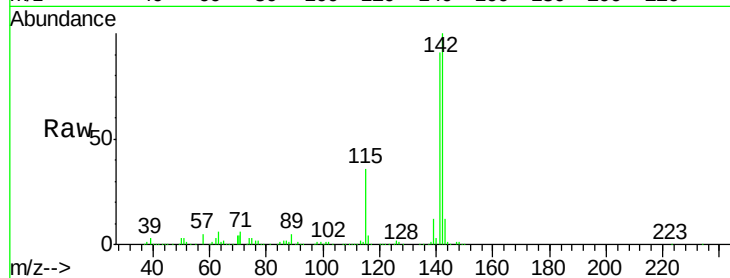
Tgt Ion:142 Resp: 978145

Ion Ratio Lower Upper

142 100

141 91.1 70.8 106.2

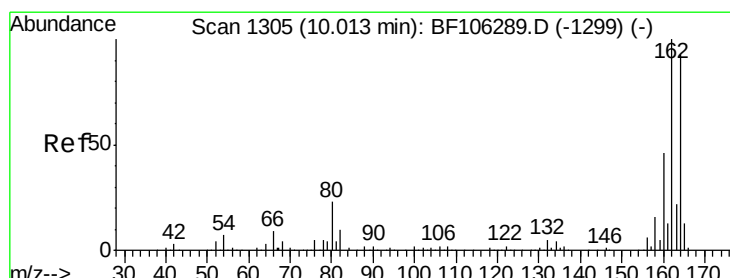
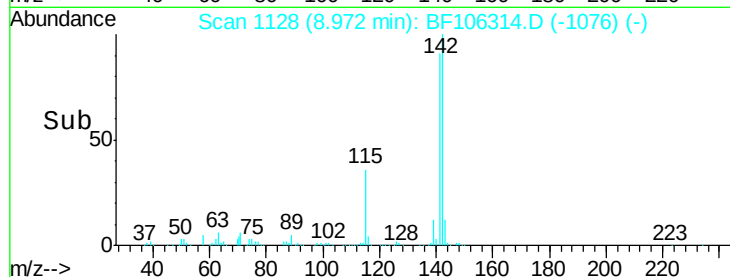
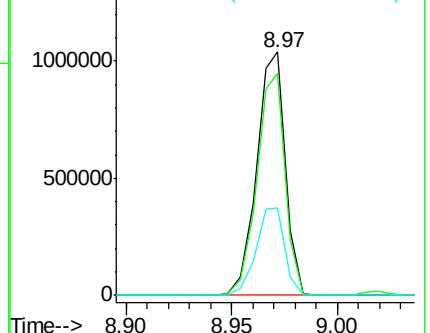
115 36.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

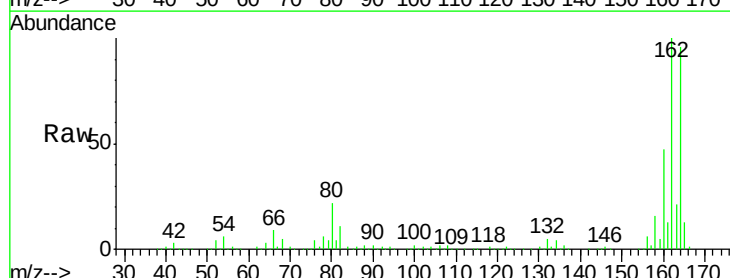
Tgt Ion:164 Resp: 347256

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

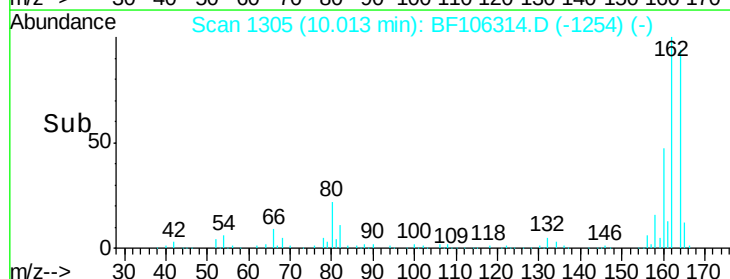
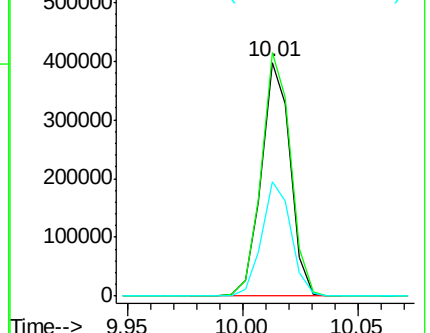
160 48.9 38.3 57.5

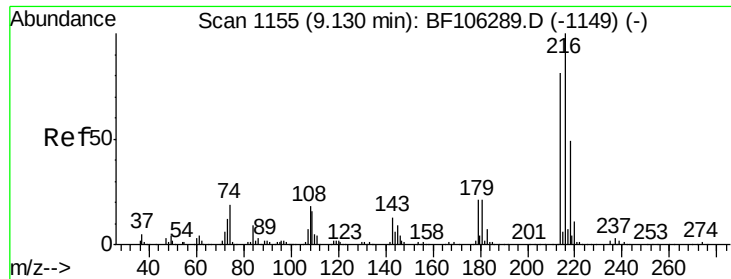


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.809 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tgt Ion:216 Resp: 493853

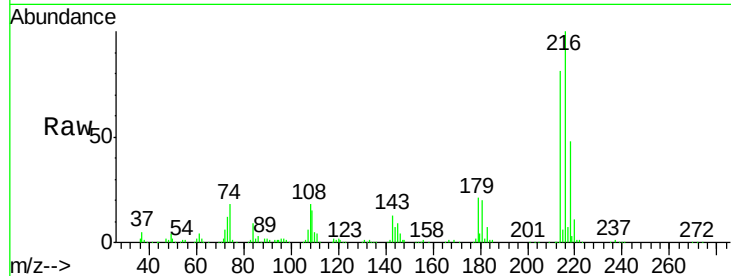
Ion Ratio Lower Upper

216 100

214 81.3 63.0 94.4

179 20.4 18.1 27.1

108 17.5 17.2 25.8

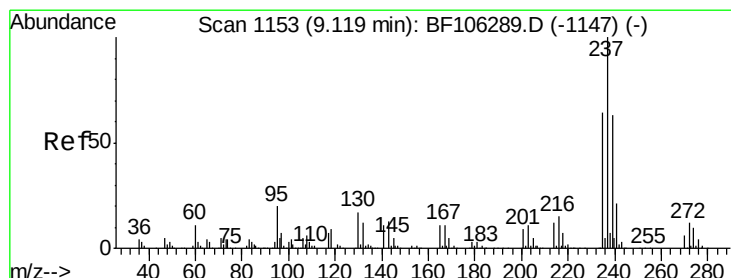
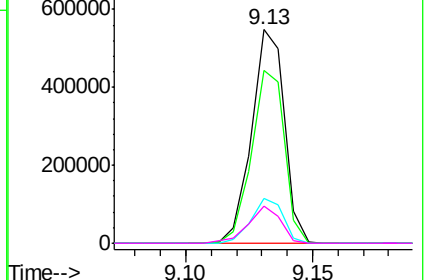
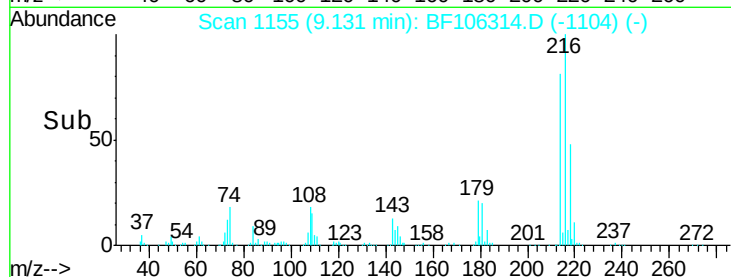


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.407 ng

RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

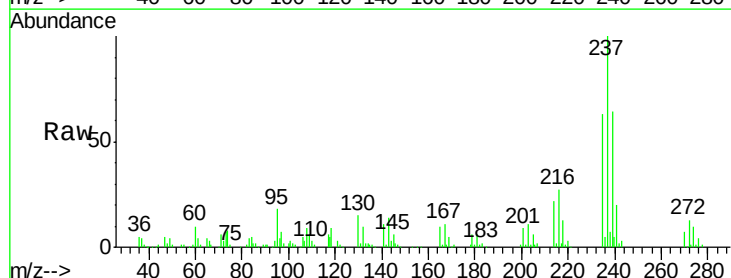
Tgt Ion:237 Resp: 120703

Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

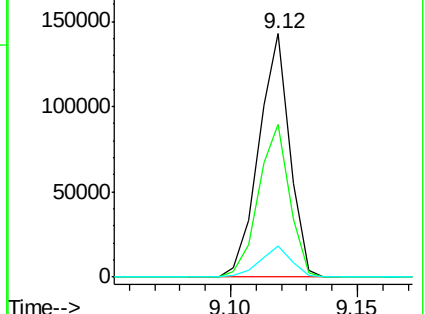
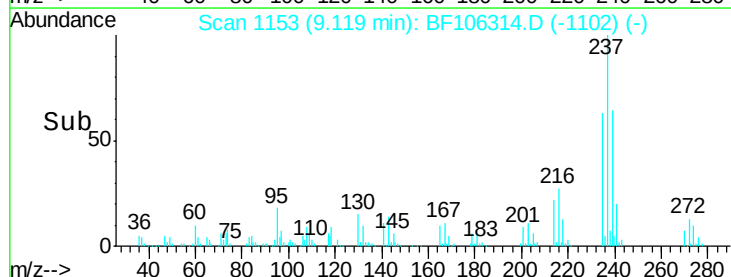
272 13.0 0.0 33.3

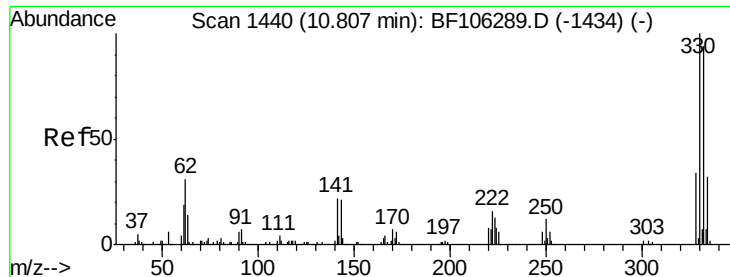


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

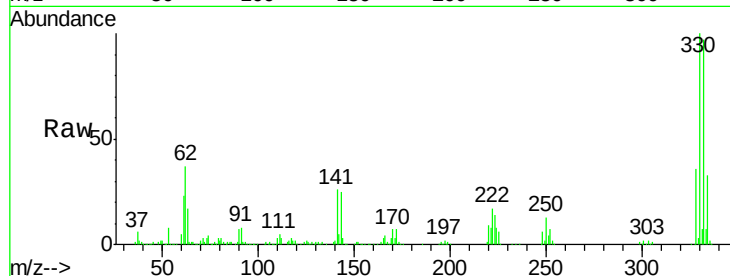




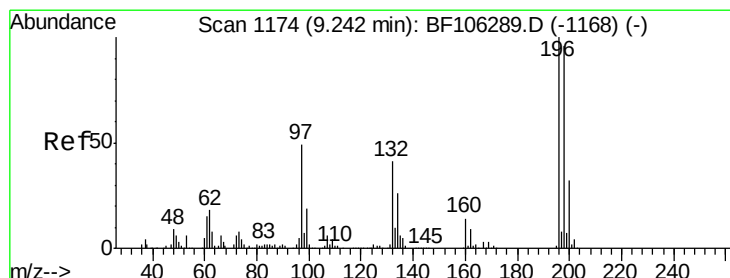
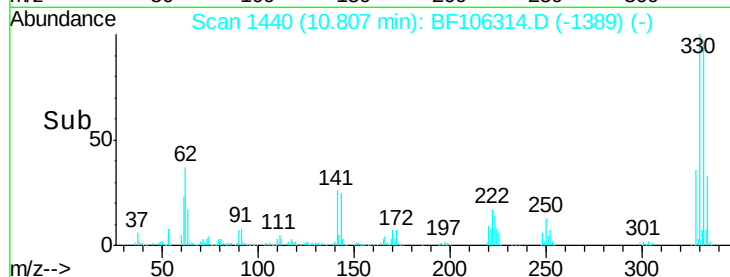
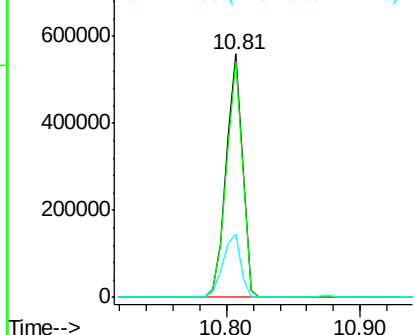
#41
 2,4,6-Tribromophenol
 Concen: 145.458 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion:330 Resp: 486004
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 28.5 29.9 44.9#

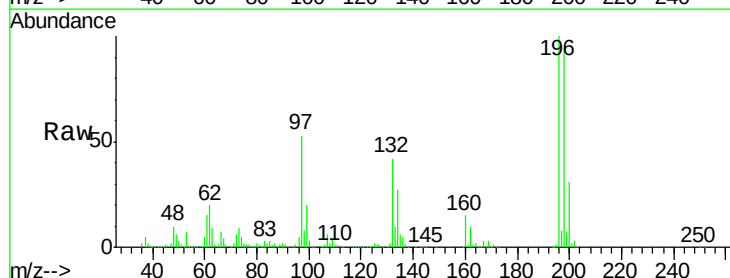


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

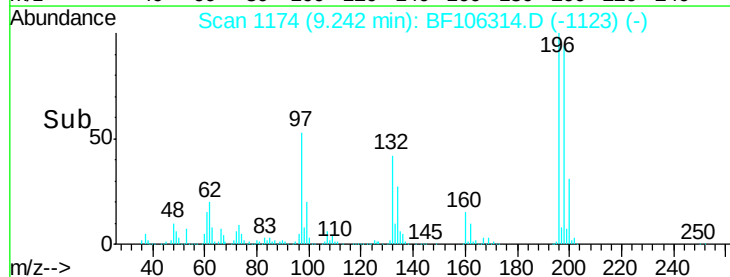
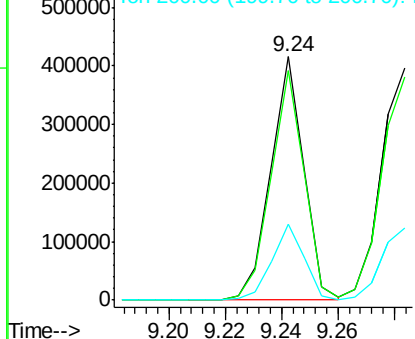


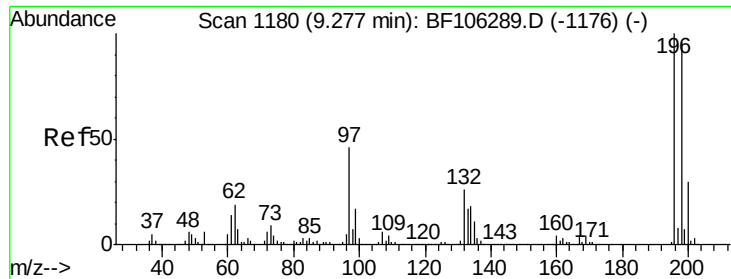
#42
 2,4,6-Trichlorophenol
 Concen: 46.969 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:196 Resp: 337424
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 31.3 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

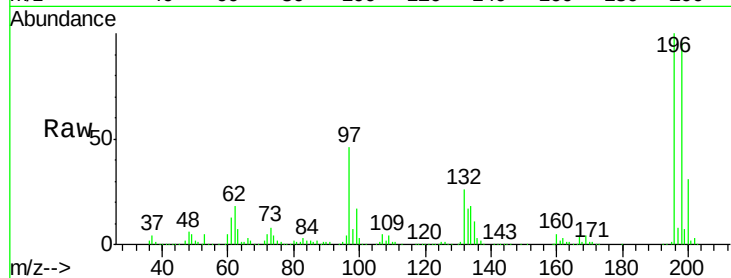




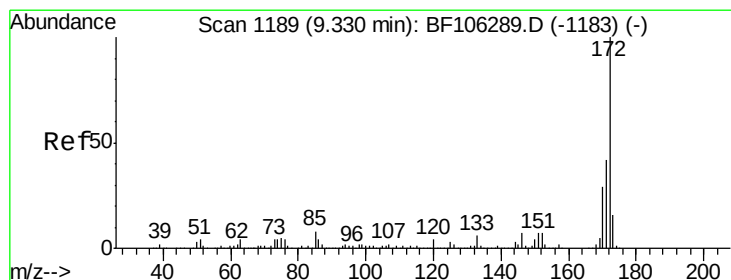
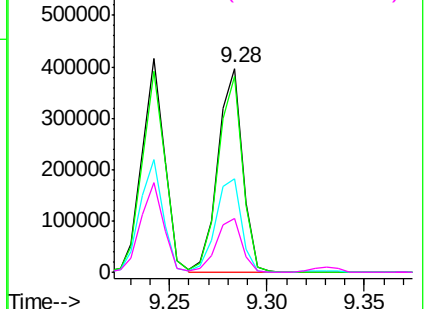
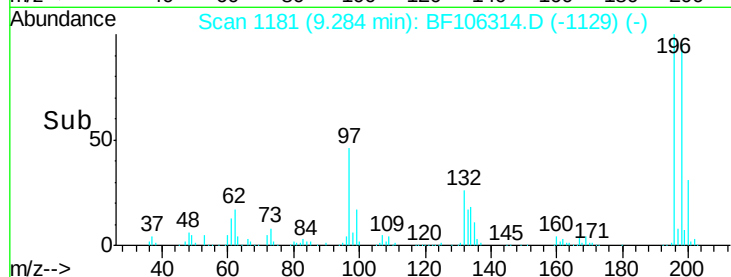
#43
 2,4,5-Trichlorophenol
 Concen: 44.710 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion:196 Resp: 346258
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 46.0 42.9 64.3
 132 26.2 26.3 39.5#

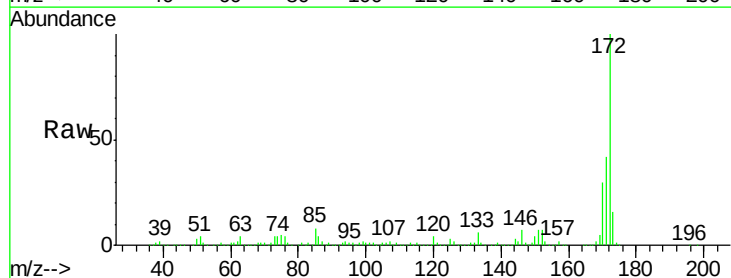


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

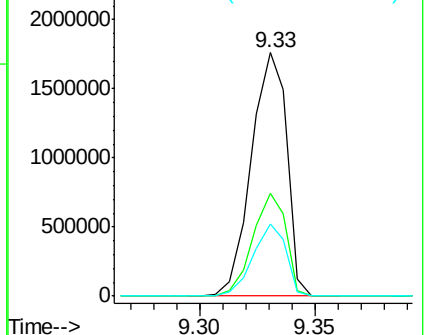
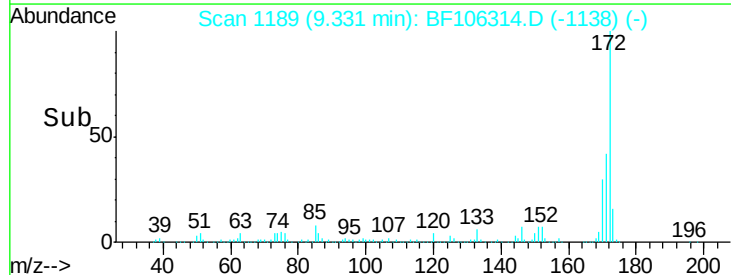


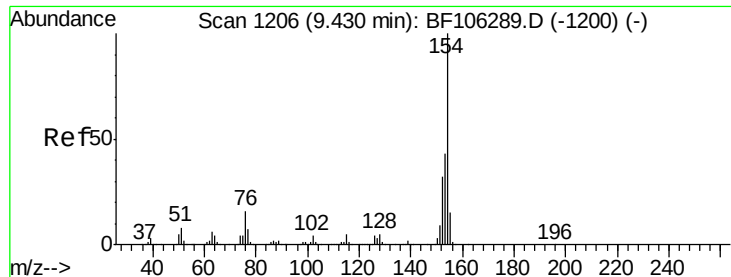
#44
 2-Fluorobiphenyl
 Concen: 103.034 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:172 Resp: 1887475
 Ion Ratio Lower Upper
 172 100
 171 42.4 29.7 44.5
 170 29.5 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

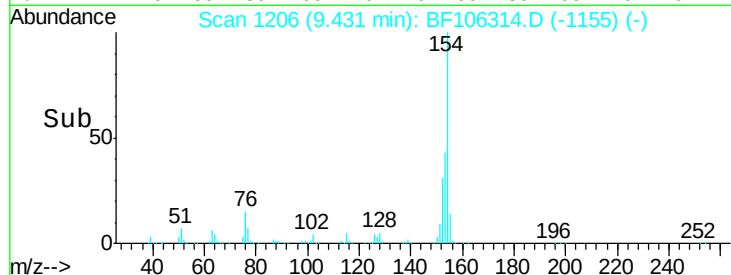
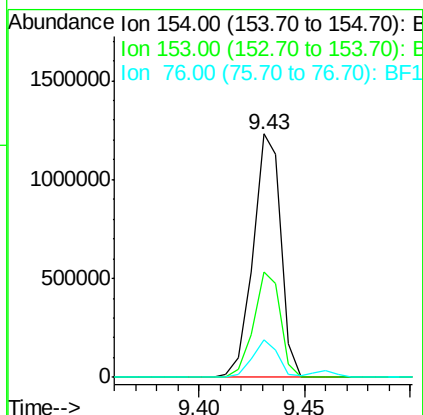
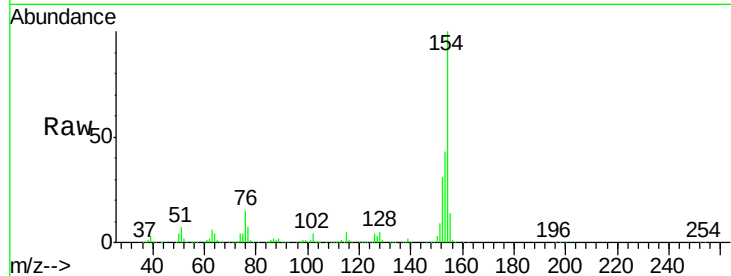




#45
 1,1'-Biphenyl
 Concen: 41.695 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

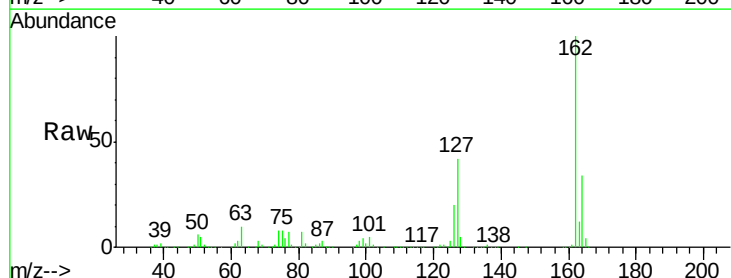
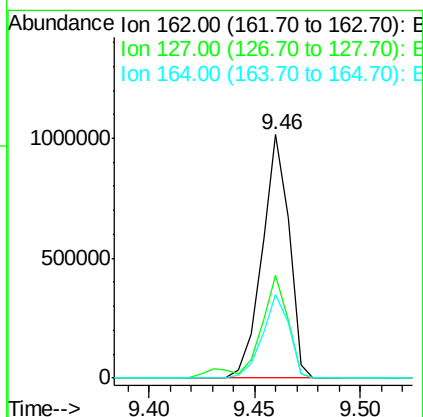
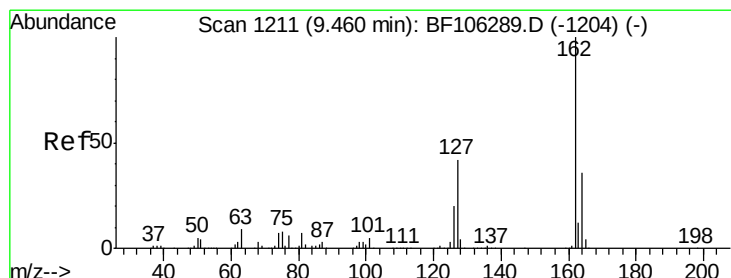
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

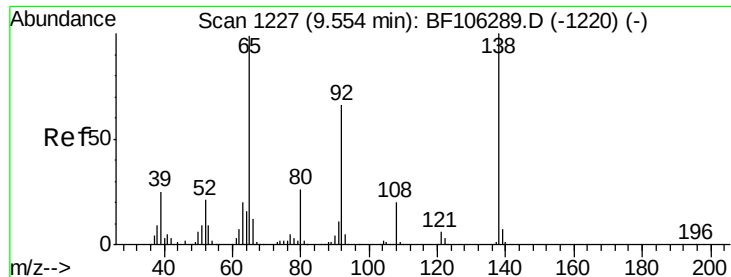
Tgt Ion:154 Resp: 1121464
 Ion Ratio Lower Upper
 154 100
 153 43.4 21.3 61.3
 76 15.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 41.745 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:162 Resp: 898530
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 34.3 26.5 39.7

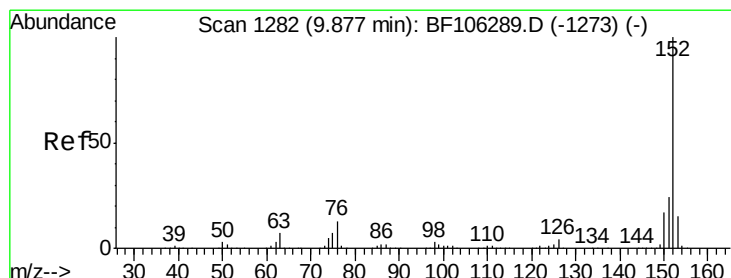
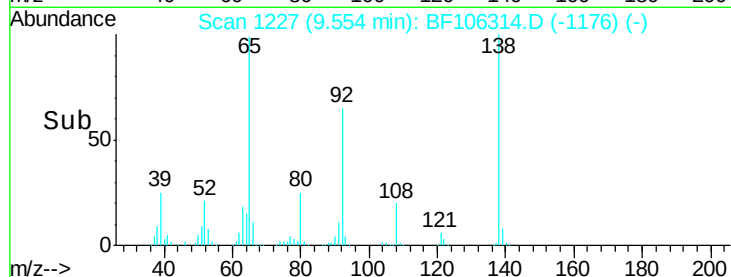
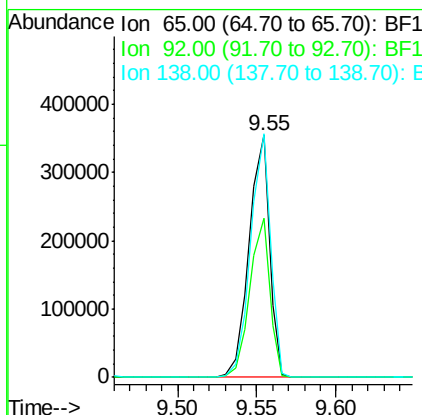
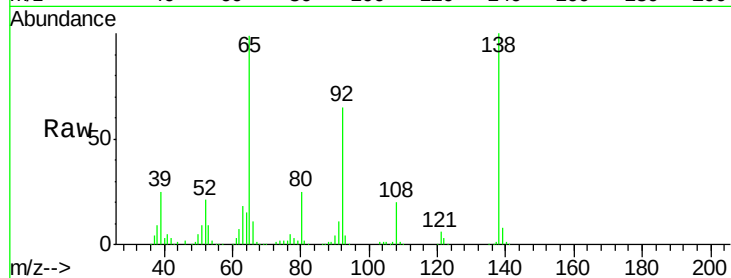




#47
2-Nitroaniline
Concen: 46.868 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

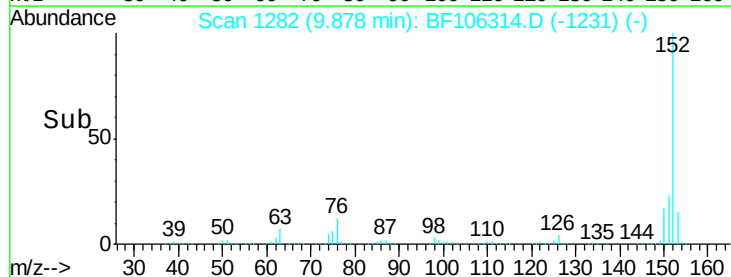
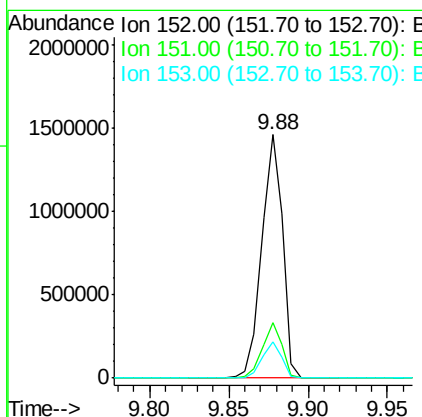
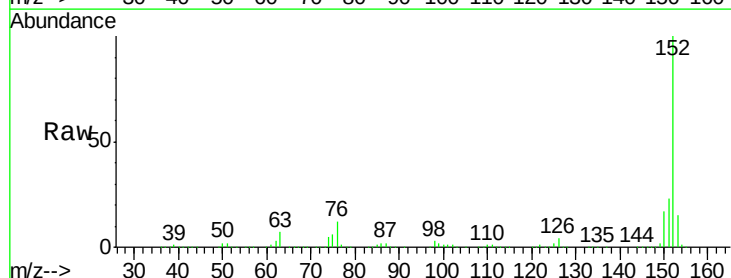
Instrument :
BNA_F
ClientSampleId :
SP-1MS

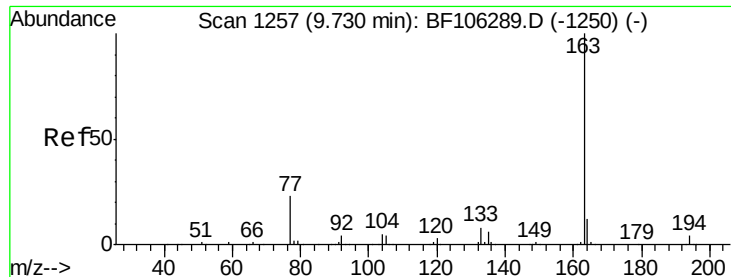
Tgt Ion: 65 Resp: 317355
Ion Ratio Lower Upper
65 100
92 65.7 55.8 83.6
138 100.7 91.2 136.8



#48
Acenaphthylene
Concen: 40.853 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion: 152 Resp: 1345925
Ion Ratio Lower Upper
152 100
151 23.0 16.3 24.5
153 15.0 10.7 16.1

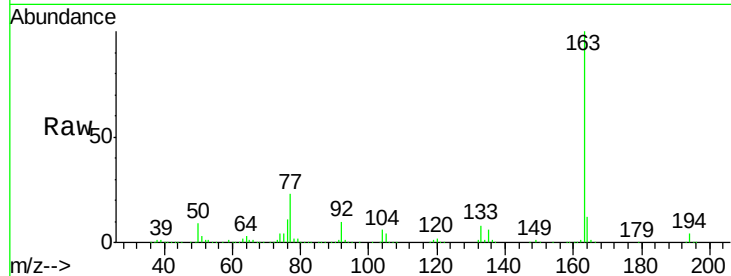




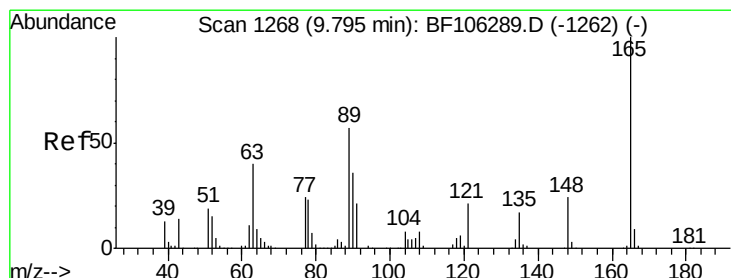
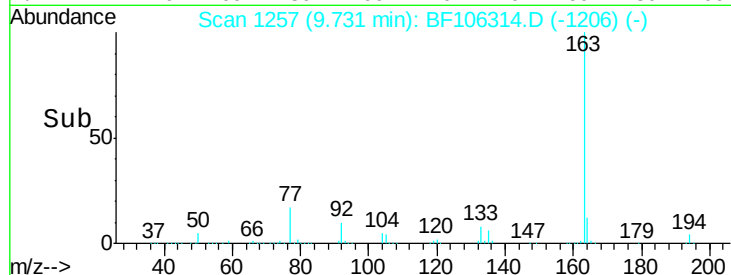
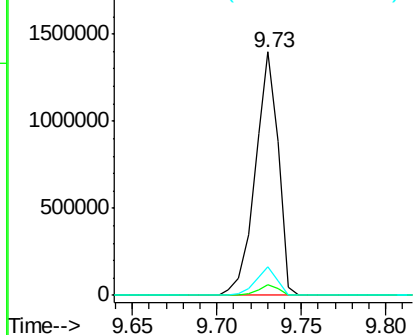
#49
 Dimethylphthalate
 Concen: 53.325 ng
 RT: 9.73 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion:163 Resp: 1322959
 Ion Ratio Lower Upper
 163 100
 194 4.4 2.7 4.1#
 164 11.7 8.2 12.2

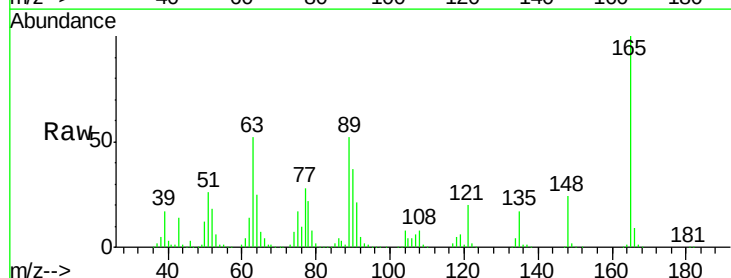


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

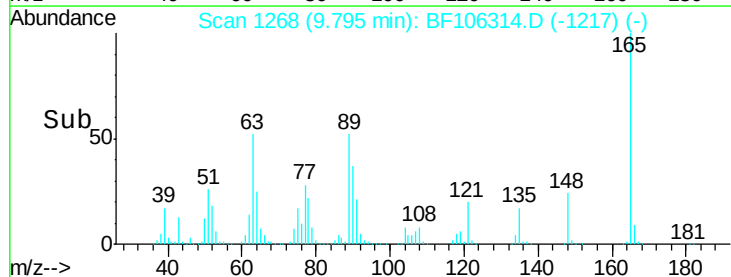
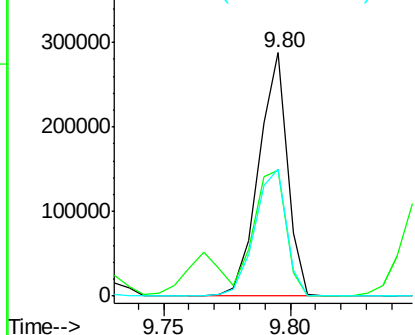


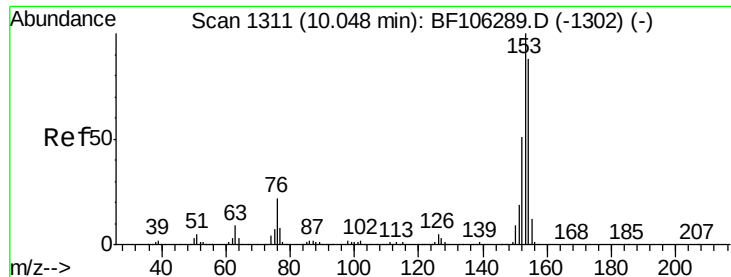
#50
 2,6-Dinitrotoluene
 Concen: 45.081 ng
 RT: 9.80 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:165 Resp: 228462
 Ion Ratio Lower Upper
 165 100
 63 51.8 44.7 67.1
 89 52.5 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: 38.389 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

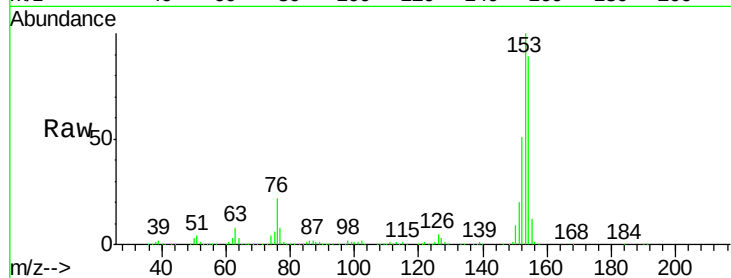
Tgt Ion:154 Resp: 816795

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

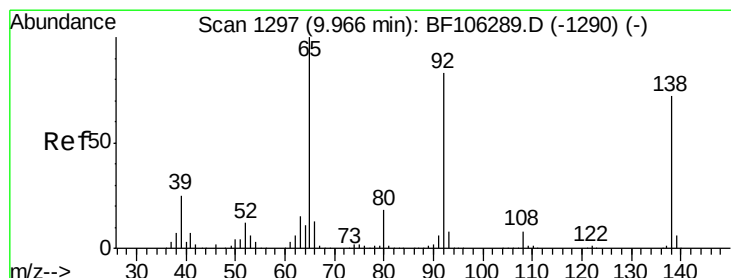
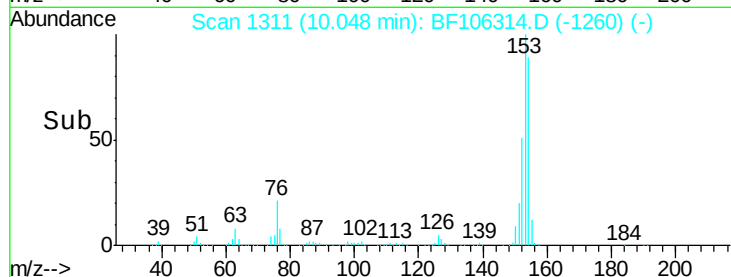
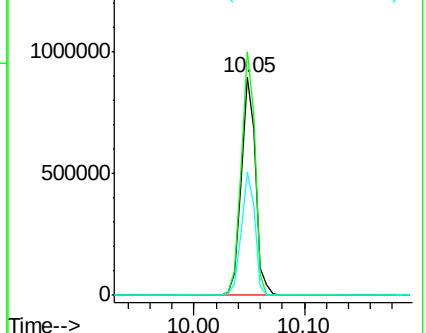
152 56.7 43.8 65.8



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: 28.320 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

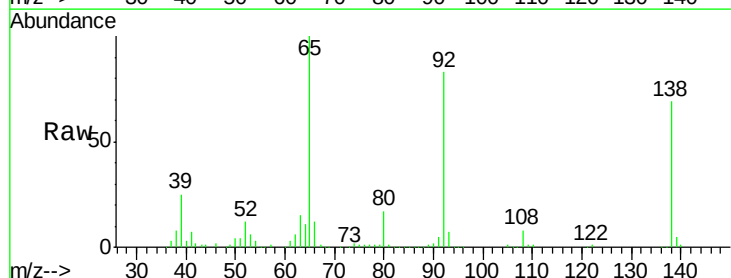
Tgt Ion:138 Resp: 170341

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

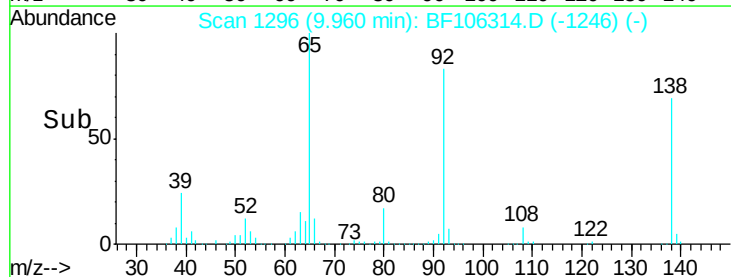
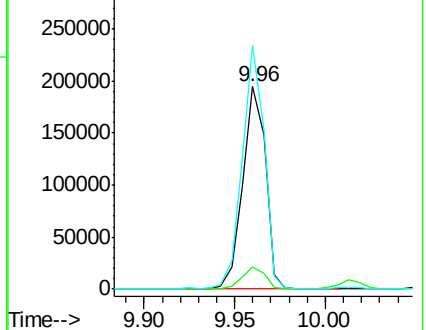
92 120.2 89.4 134.2

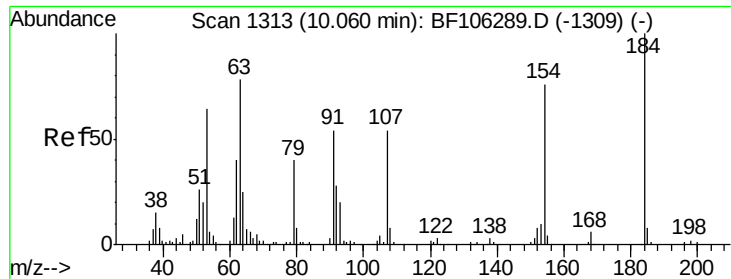


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

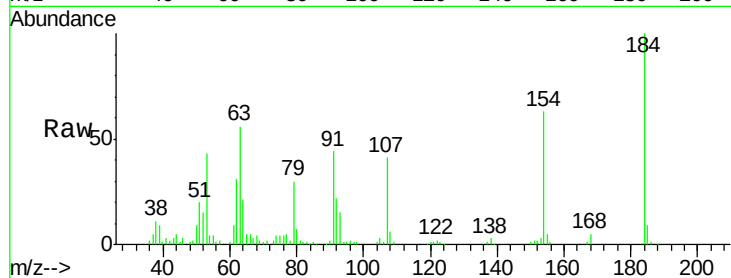




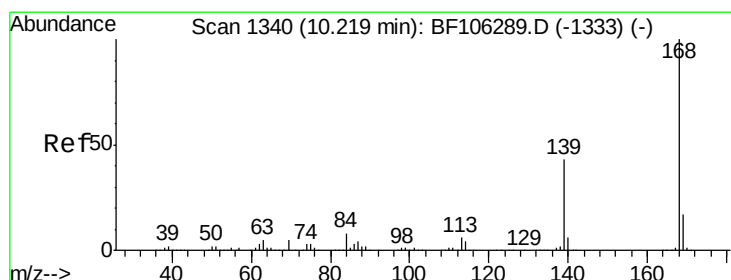
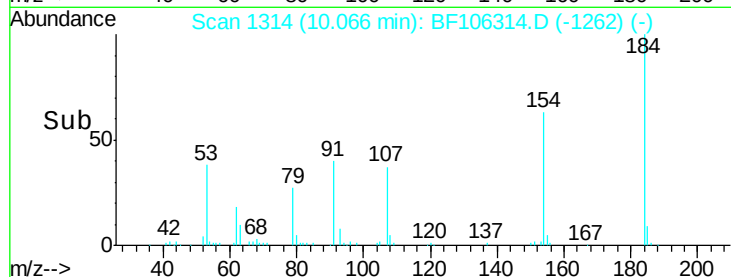
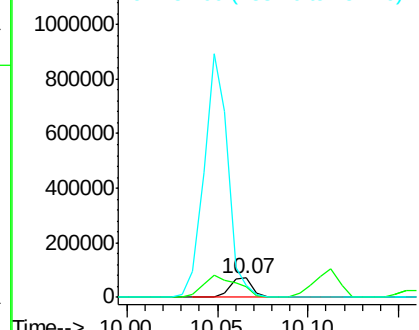
#53
2,4-Dinitrophenol
Concen: 32.205 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tgt Ion:184 Resp: 61514
Ion Ratio Lower Upper
184 100
63 55.6 54.2 81.2
154 63.5 184.0 276.0#

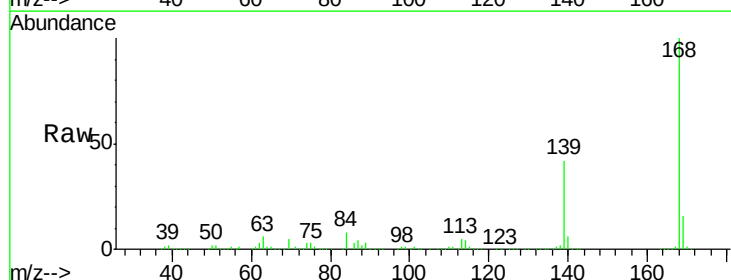


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

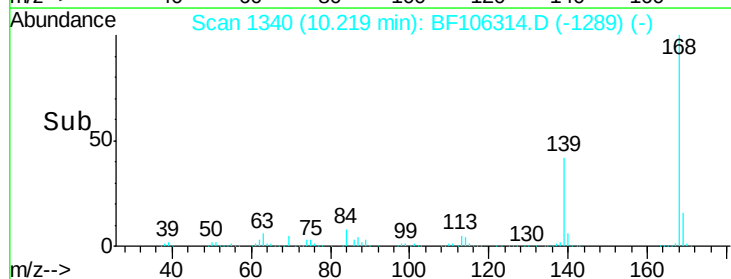
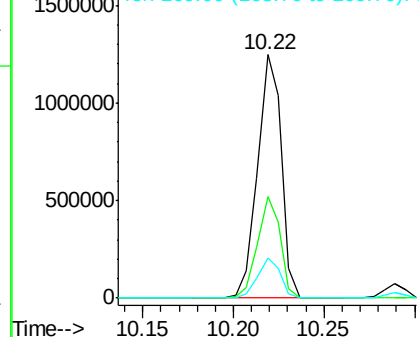


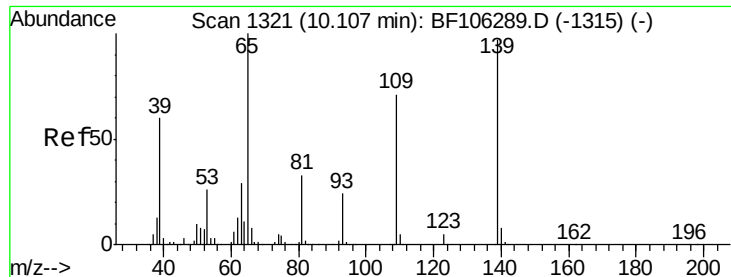
#54
Dibenzofuran
Concen: 39.561 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:168 Resp: 1133469
Ion Ratio Lower Upper
168 100
139 41.8 30.1 45.1
169 16.5 10.9 16.3#



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

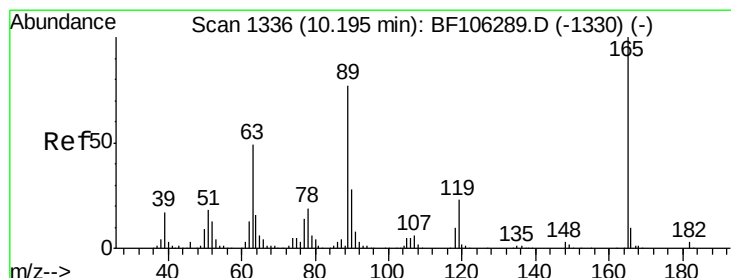
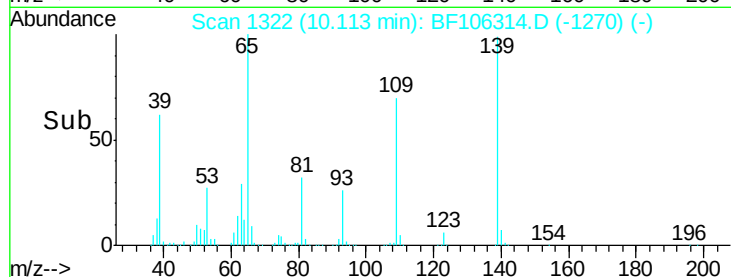
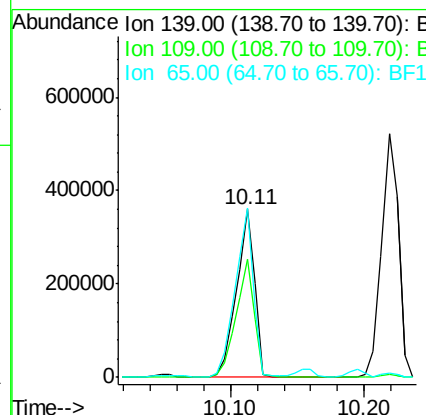
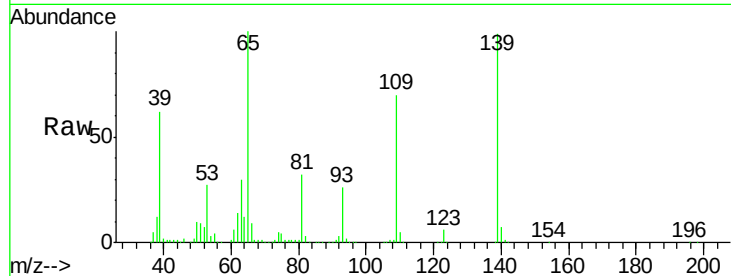




#55
4-Nitrophenol
Concen: 75.357 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

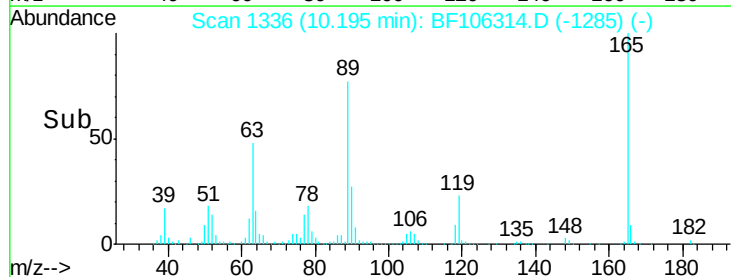
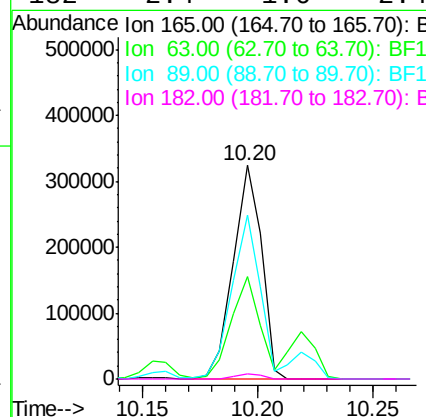
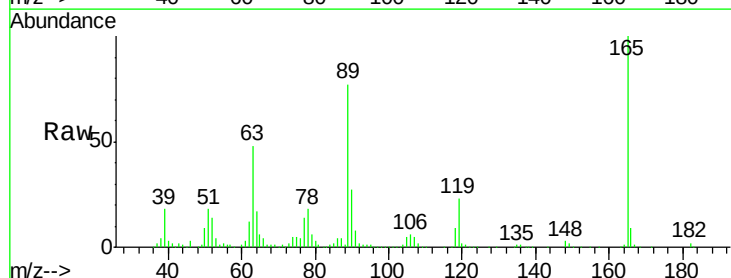
Instrument :
BNA_F
ClientSampleId :
SP-1MS

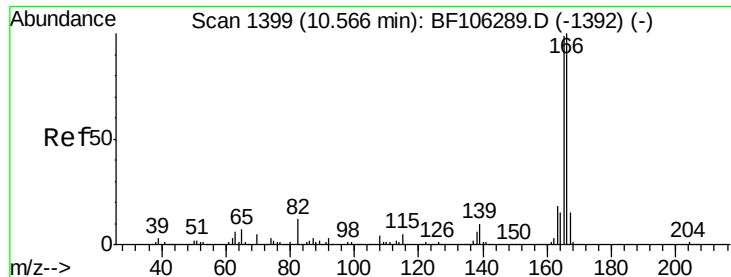
Tgt Ion:139 Resp: 347424
Ion Ratio Lower Upper
139 100
109 70.5 48.4 88.4
65 100.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.707 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:165 Resp: 278149
Ion Ratio Lower Upper
165 100
63 47.8 36.4 54.6
89 76.7 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 37.259 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

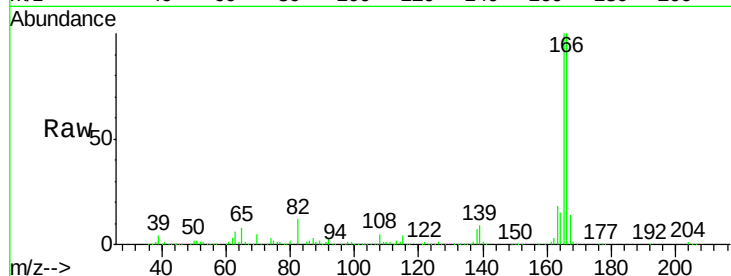
Tgt Ion:166 Resp: 845772

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

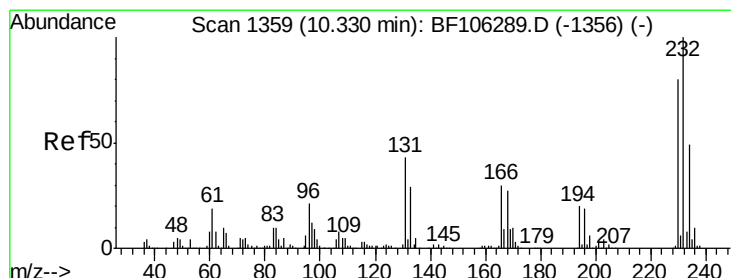
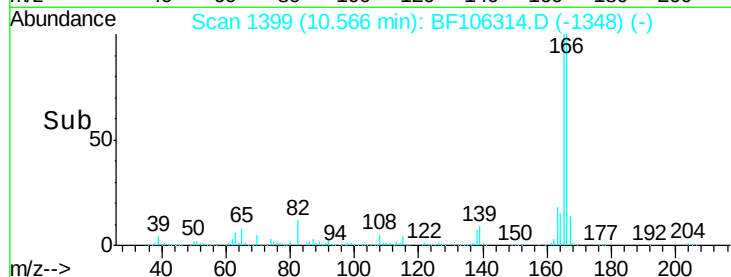
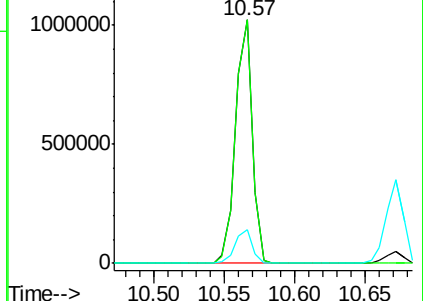
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.689 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion:232 Resp: 274309

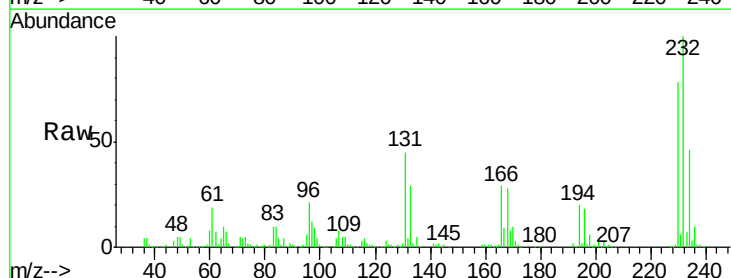
Ion Ratio Lower Upper

232 100

131 42.1 43.8 65.8#

130 2.3 2.1 3.1

166 28.2 27.8 41.6

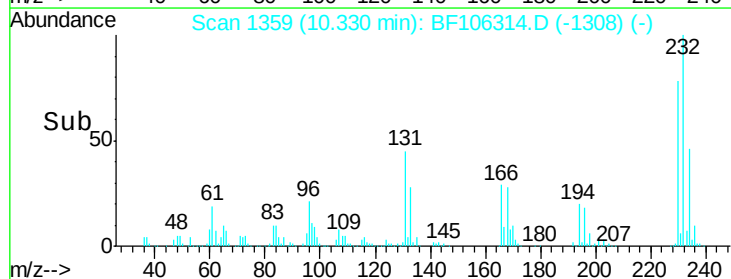
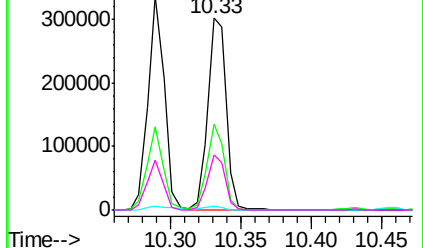


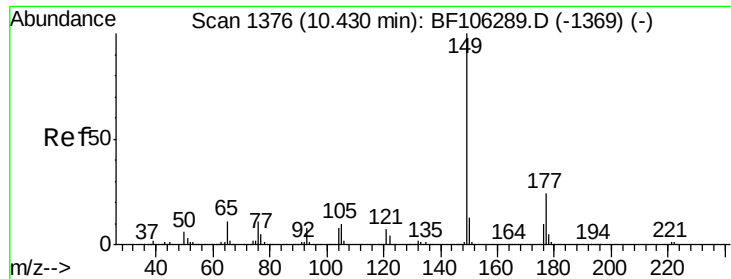
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

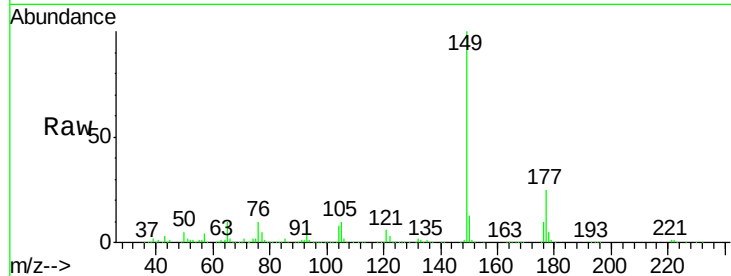




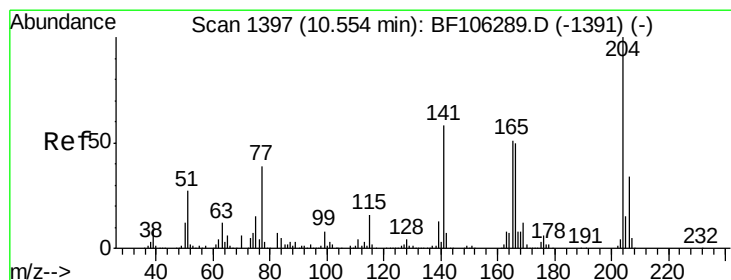
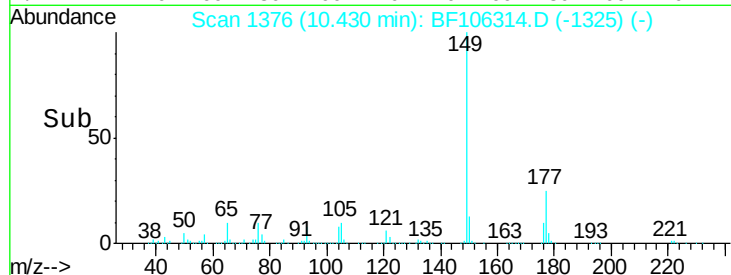
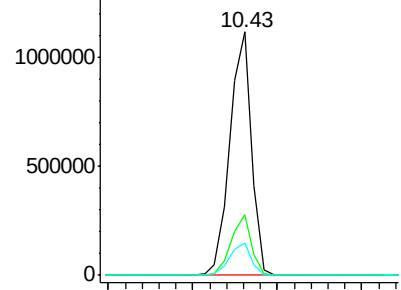
#59
Diethylphthalate
Concen: 40.382 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tgt Ion:149 Resp: 994410
Ion Ratio Lower Upper
149 100
177 25.1 16.1 24.1#
150 13.5 10.1 15.1

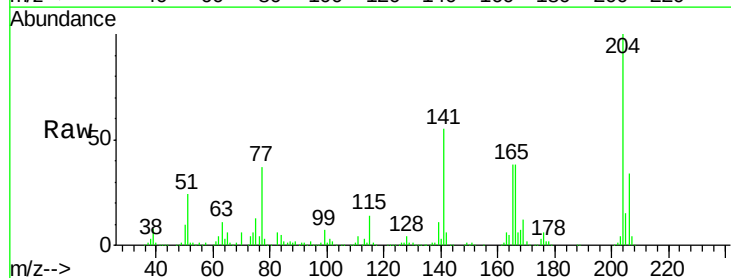


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

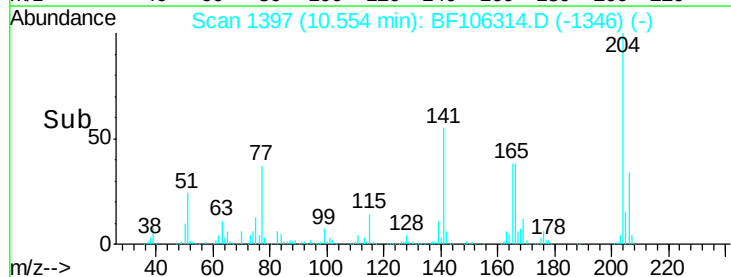
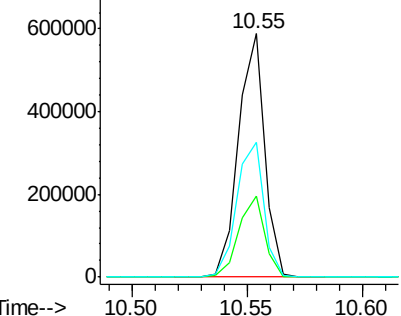


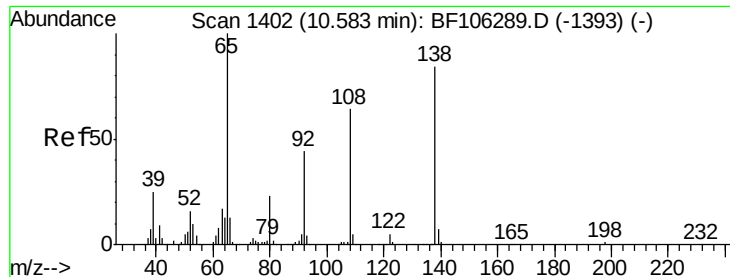
#60
4-Chlorophenyl-phenylether
Concen: 39.087 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:204 Resp: 466677
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 55.2 54.6 81.8



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

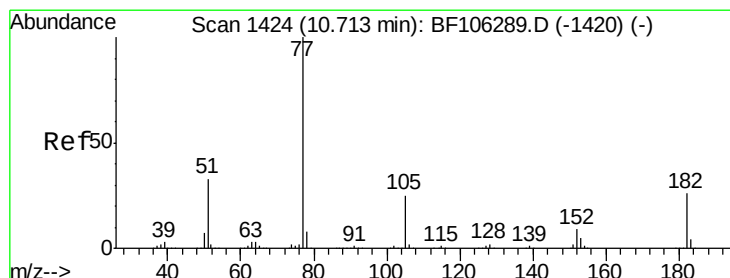
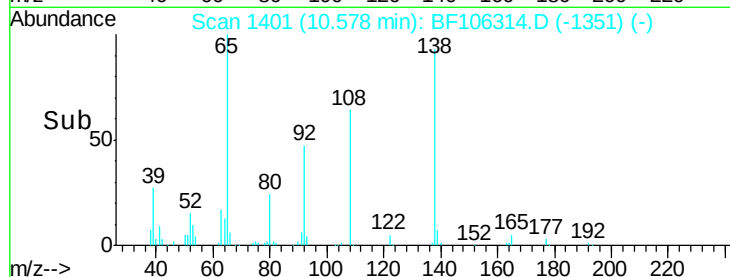
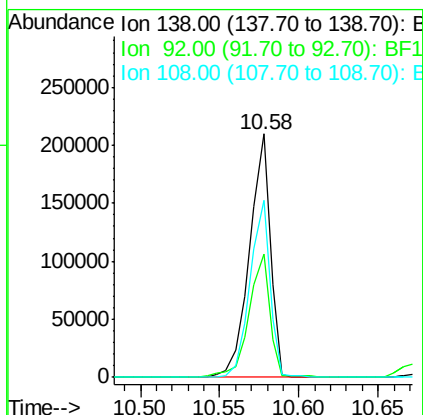
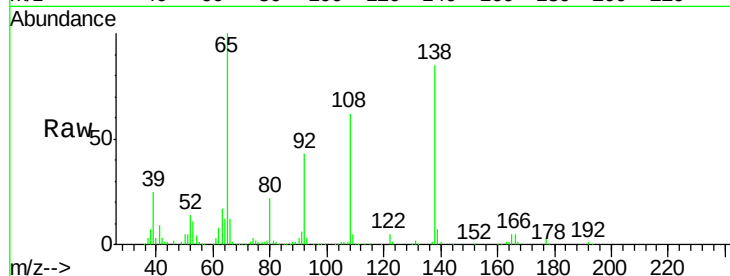




#61
4-Nitroaniline
Concen: 32.822 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

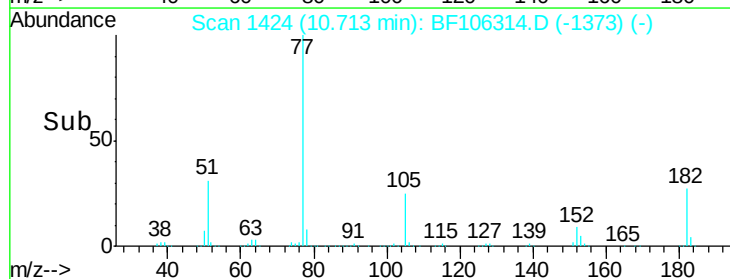
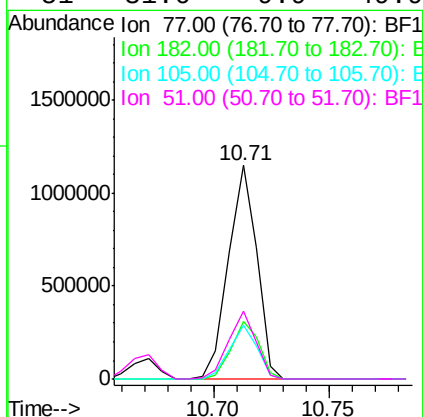
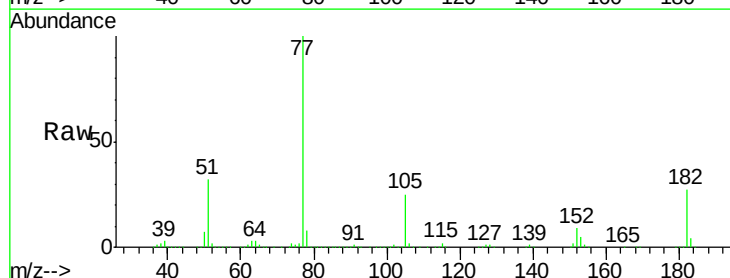
Instrument :
BNA_F
ClientSampleId :
SP-1MS

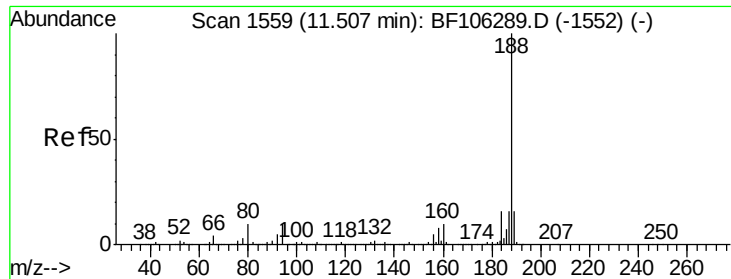
Tgt Ion:138 Resp: 192075
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 72.6 52.5 92.5



#62
Azobenzene
Concen: 38.383 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion: 77 Resp: 985545
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 25.2 3.0 43.0
51 31.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

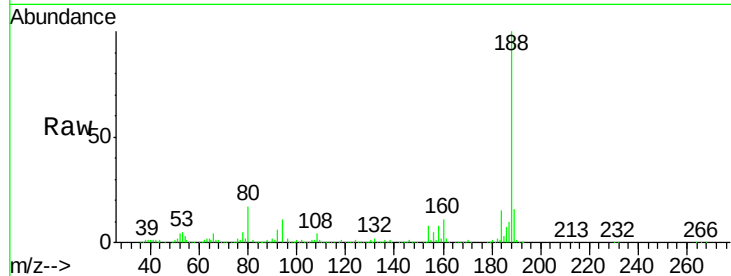
Tgt Ion:188 Resp: 540613

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

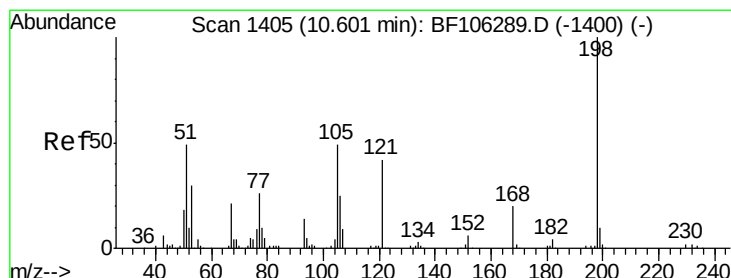
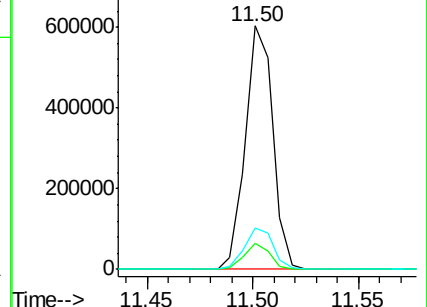
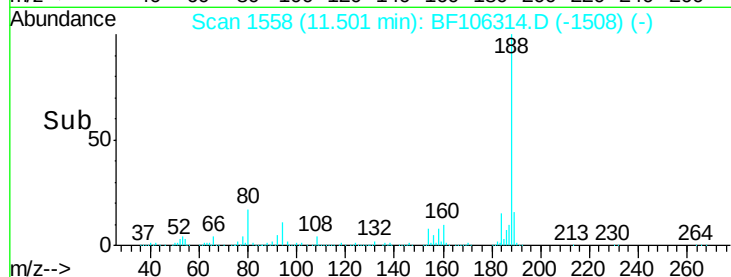
80 17.1 9.2 13.8#



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: 20.891 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

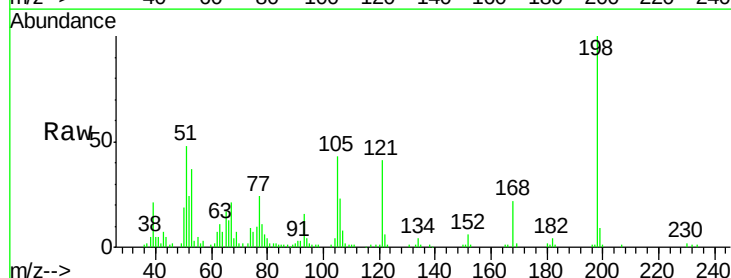
Tgt Ion:198 Resp: 48993

Ion Ratio Lower Upper

198 100

51 48.0 37.7 77.7

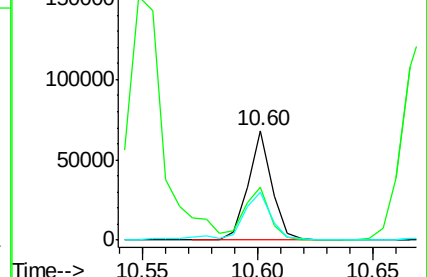
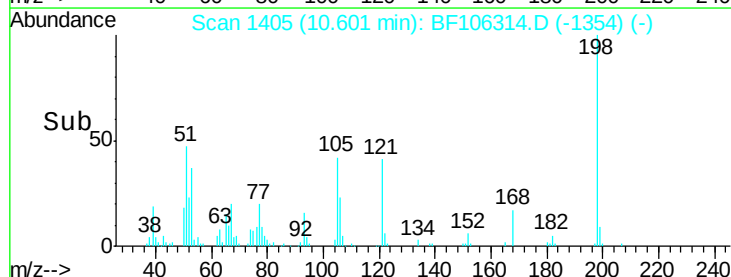
105 43.4 36.3 76.3

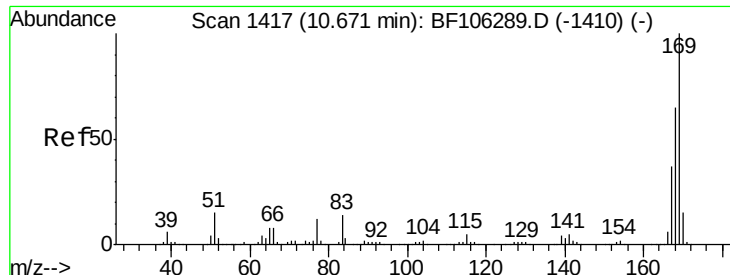


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

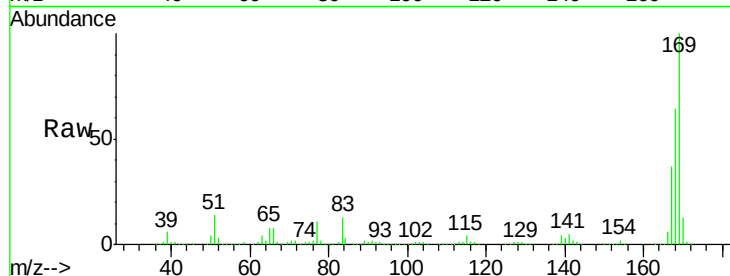




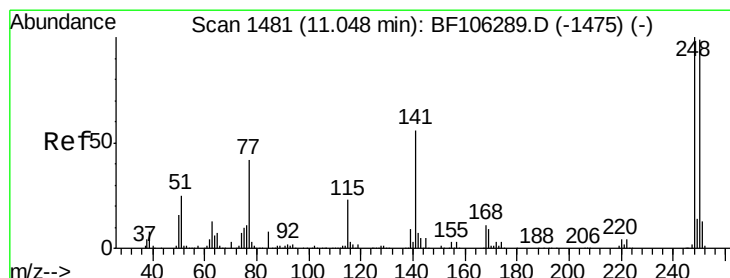
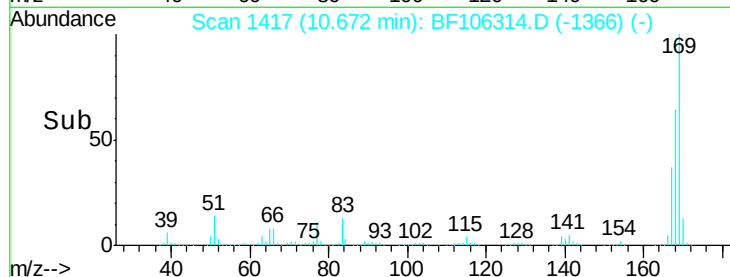
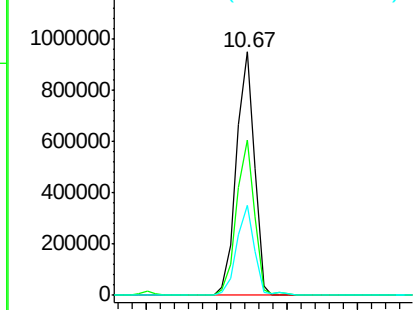
#65
 n-Nitrosodiphenylamine
 Concen: 46.323 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	36.8	29.8	44.6

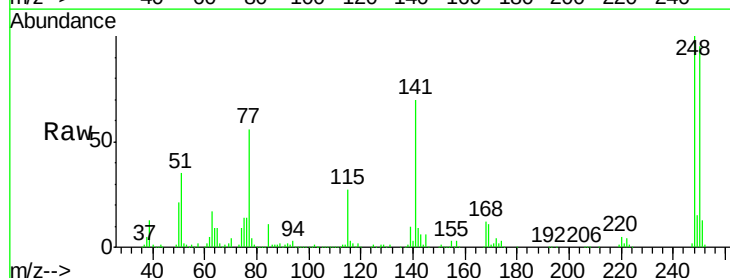


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

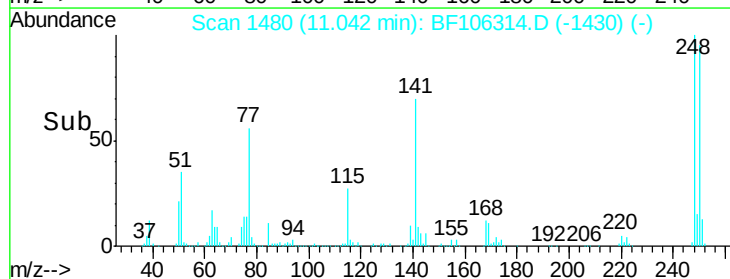
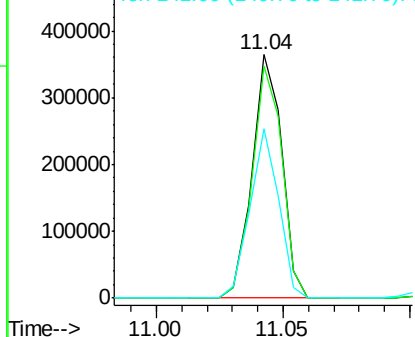


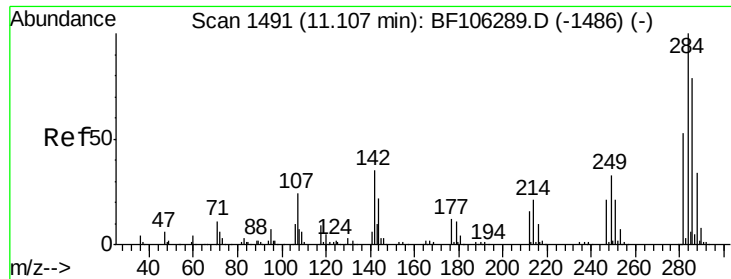
#66
 4-Bromophenyl-phenylether
 Concen: 48.427 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.9	115.3
141	69.5	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

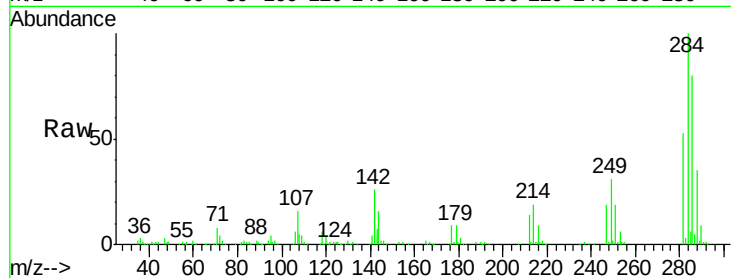




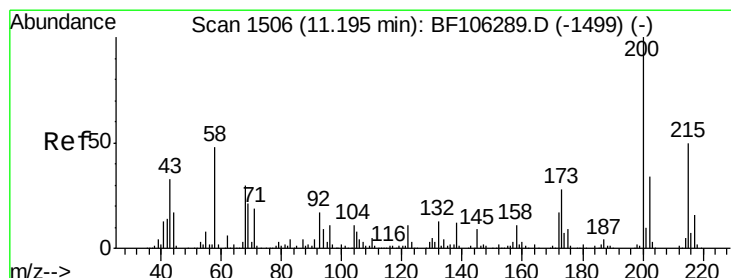
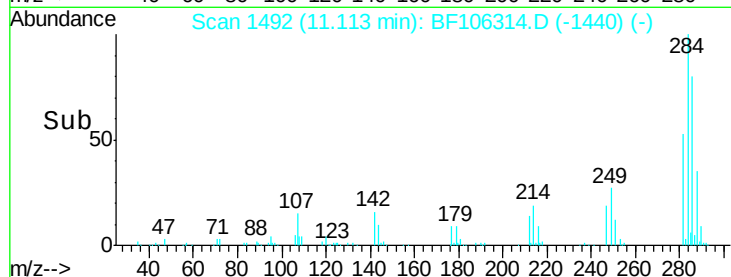
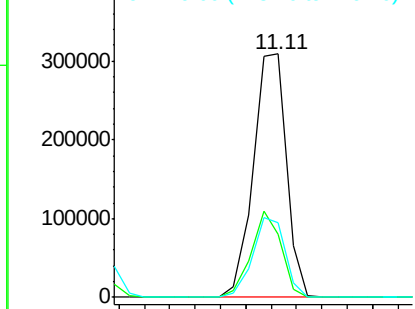
#67
Hexachlorobenzene
Concen: 44.644 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tgt Ion: 284 Resp: 283005
Ion Ratio Lower Upper
284 100
142 26.1 34.6 52.0#
249 30.7 24.8 37.2

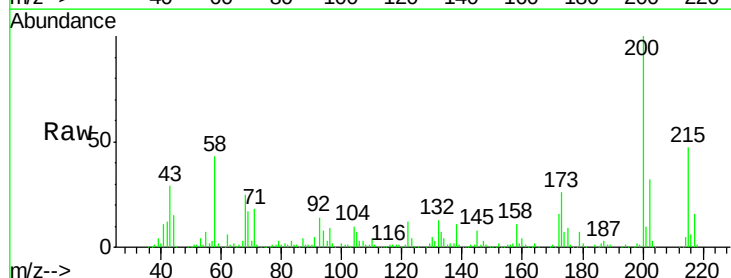


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

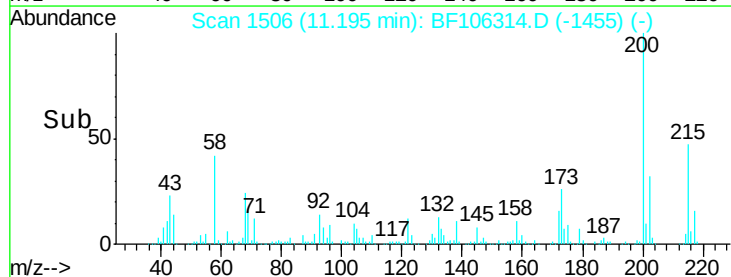
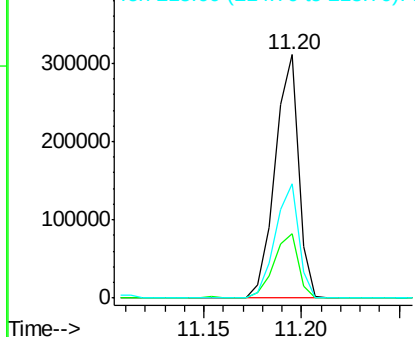


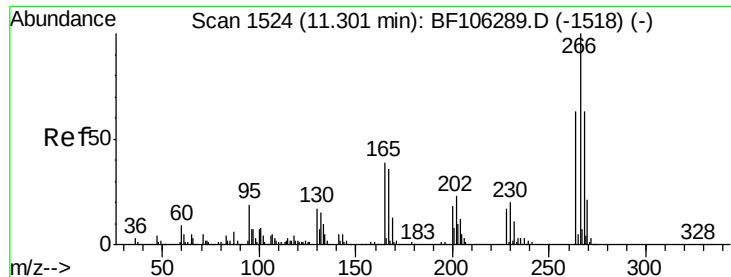
#68
Atrazine
Concen: 46.357 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion: 200 Resp: 259564
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 47.2 25.1 65.1



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

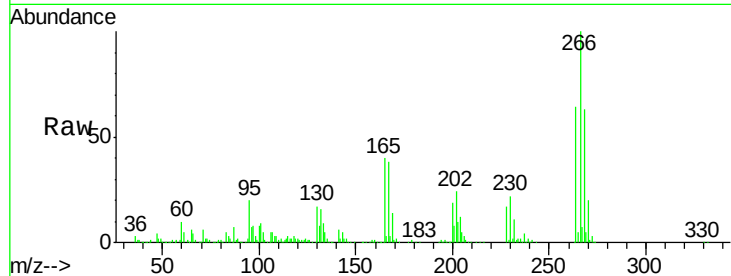




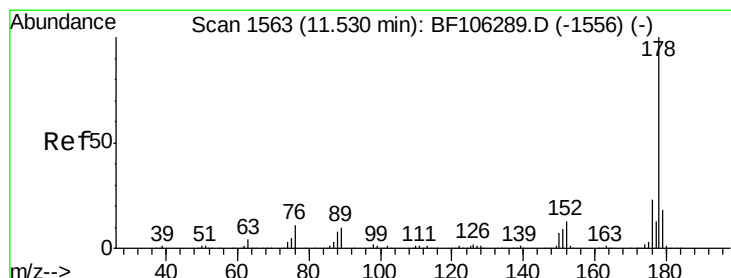
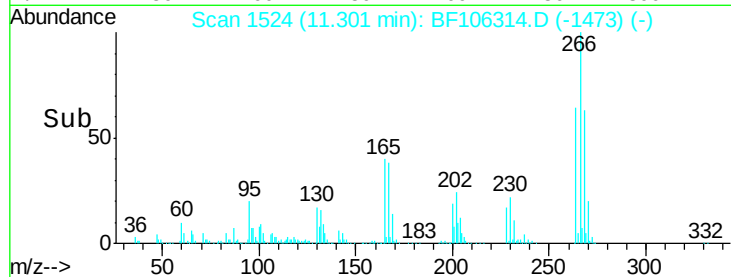
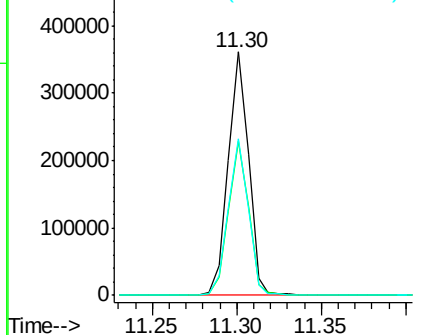
#69
 Pentachlorophenol
 Concen: 77.479 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion: 266 Resp: 302387
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 64.2 49.5 74.3

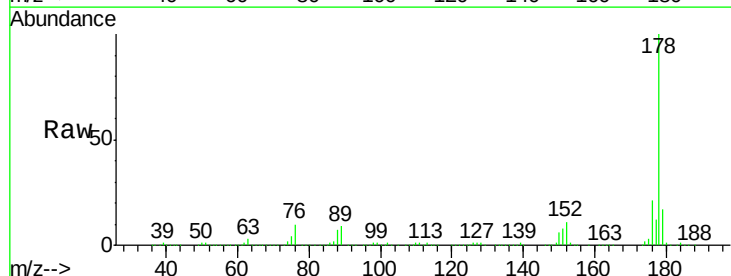


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

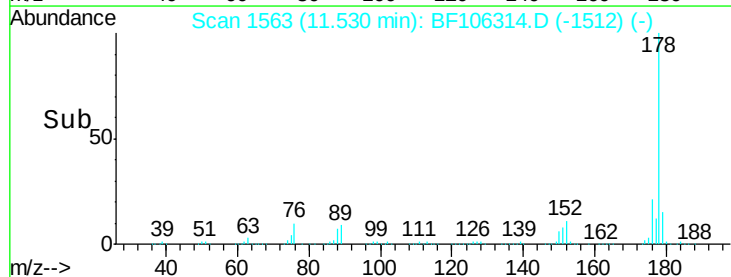
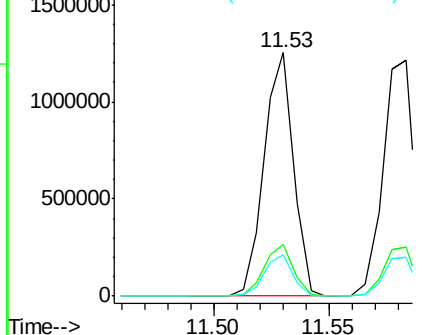


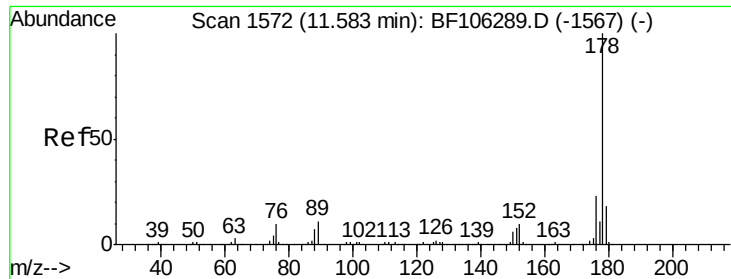
#70
 Phenanthrene
 Concen: 41.955 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion: 178 Resp: 1110800
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.8 23.8
 179 16.8 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

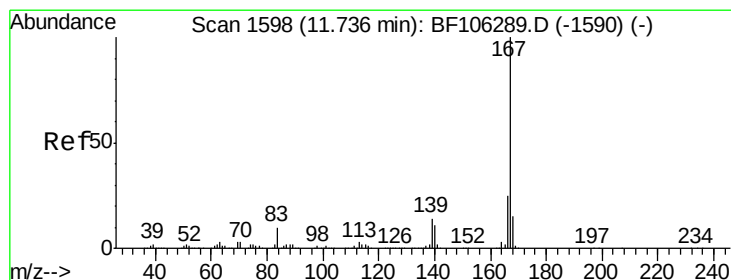
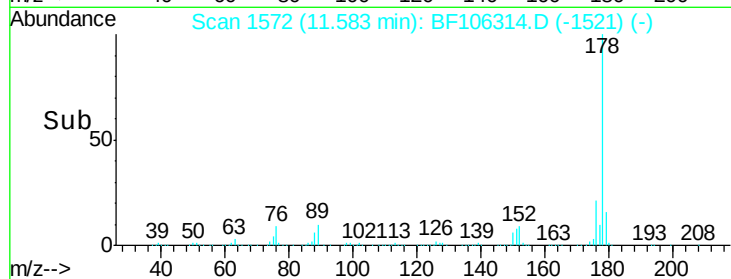
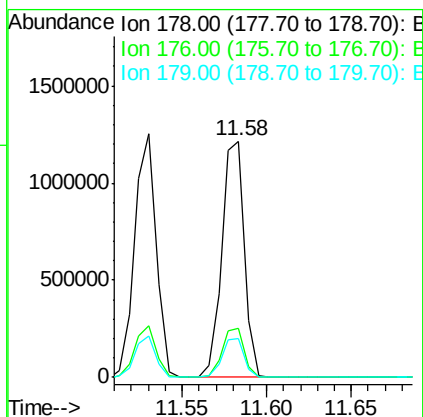
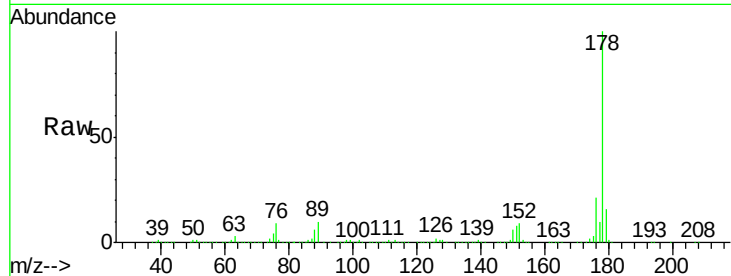




#71
 Anthracene
 Concen: 42.420 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

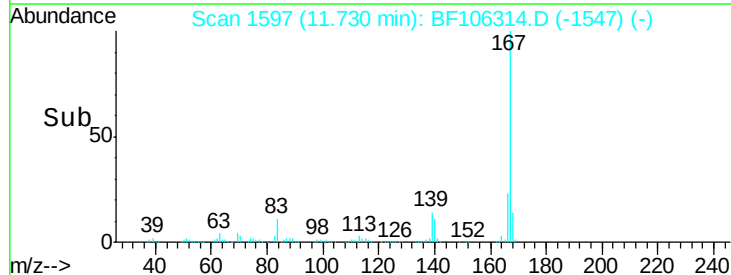
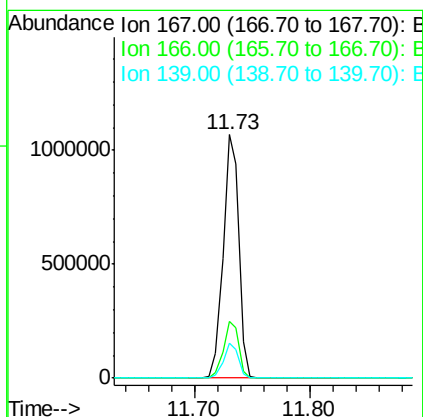
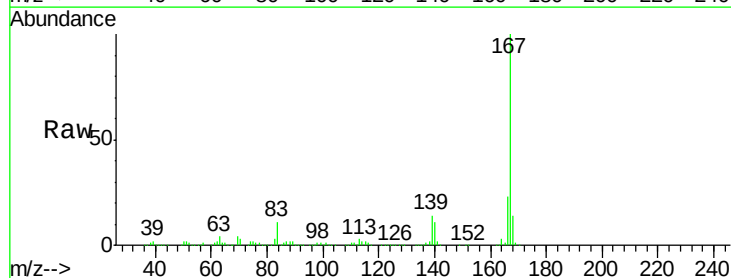
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

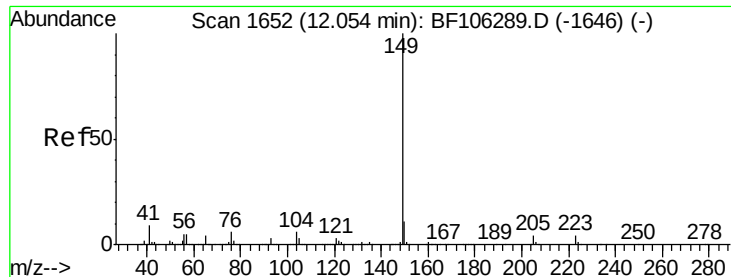
Tgt Ion:178 Resp: 1125137
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.4 23.2
 179 16.5 12.6 19.0



#72
 Carbazole
 Concen: 40.753 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:167 Resp: 997918
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.786 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

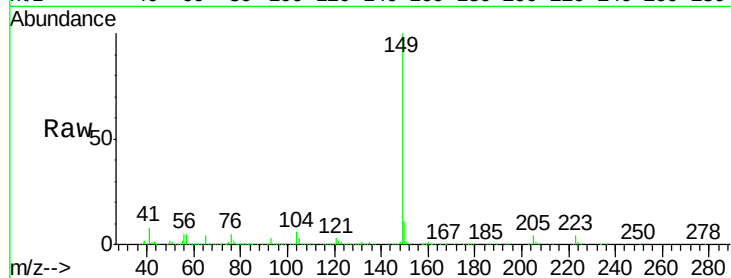
Tgt Ion:149 Resp: 1275064

Ion Ratio Lower Upper

149 100

150 10.8 7.8 11.6

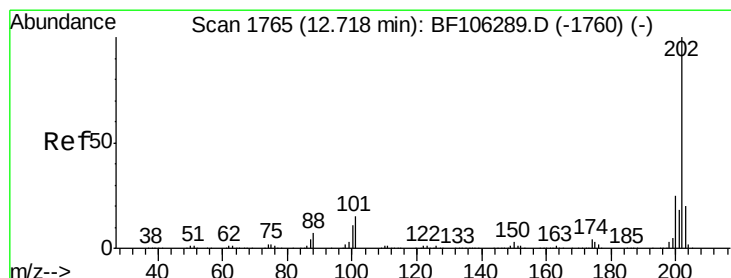
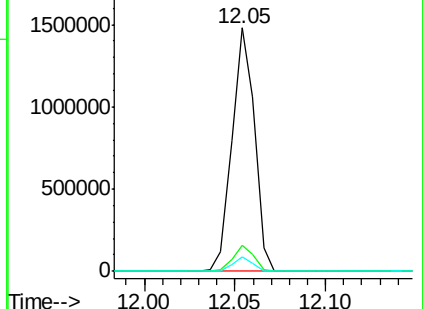
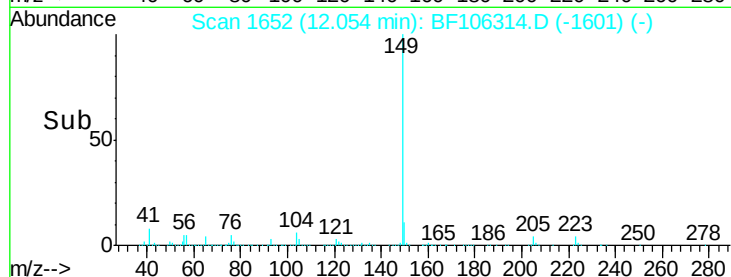
104 5.7 3.8 5.8



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: 39.748 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

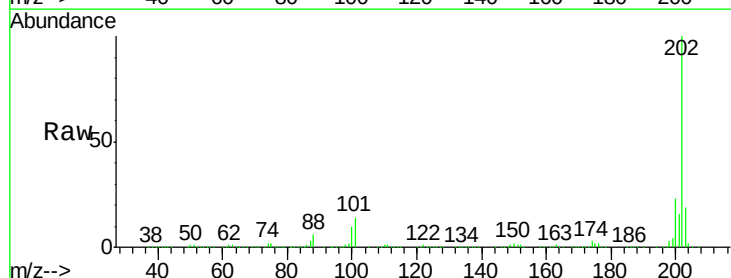
Tgt Ion:202 Resp: 1122300

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

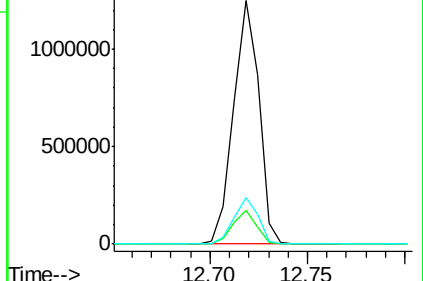
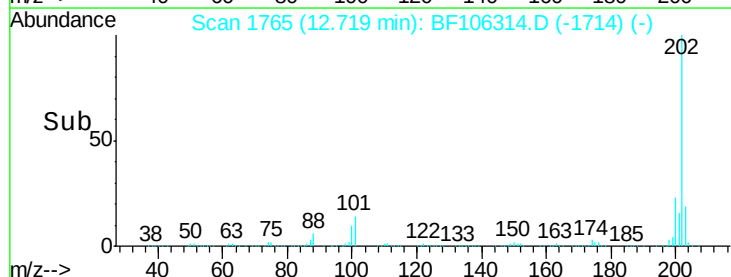
203 19.2 0.0 38.1

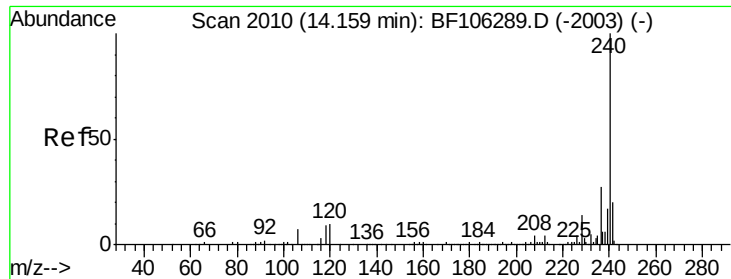


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

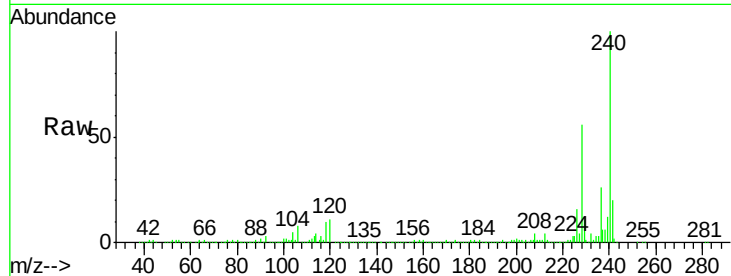
Tgt Ion:240 Resp: 499773

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

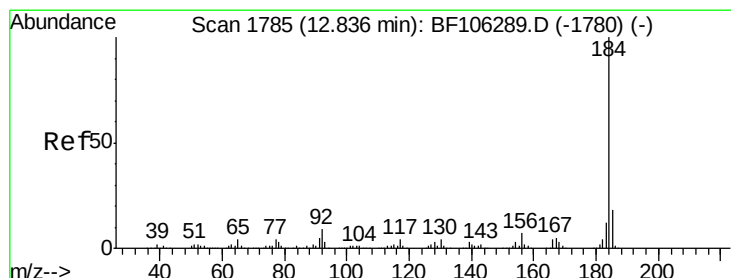
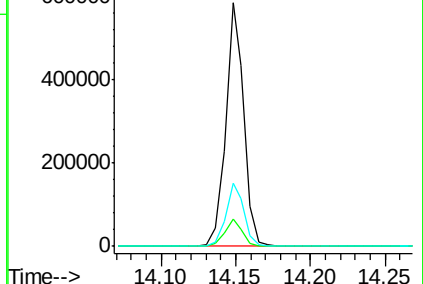
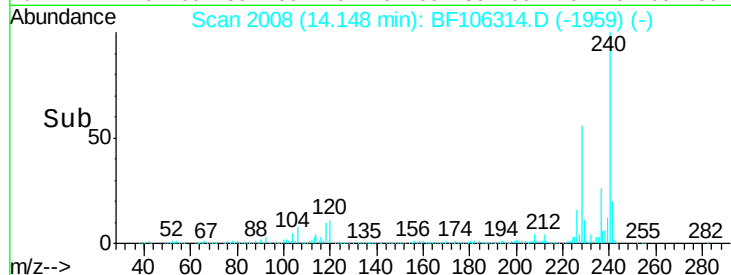
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.115 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

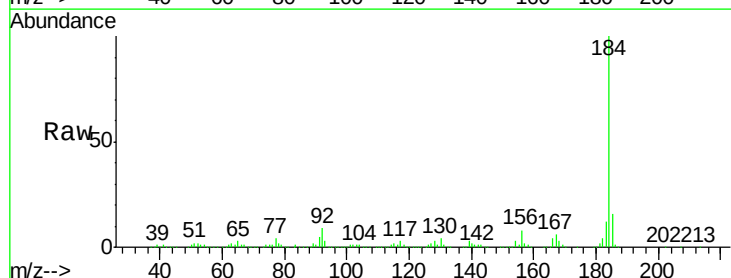
Tgt Ion:184 Resp: 866831

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

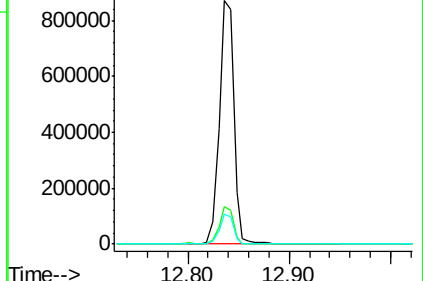
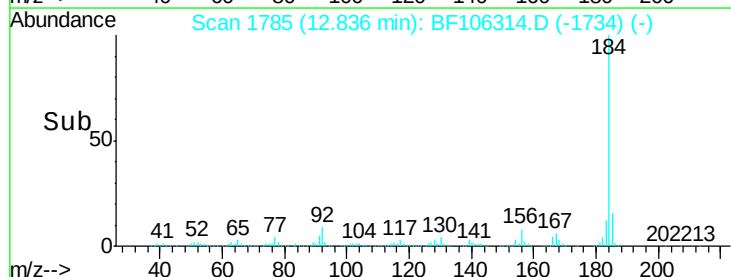
183 12.1 9.3 13.9

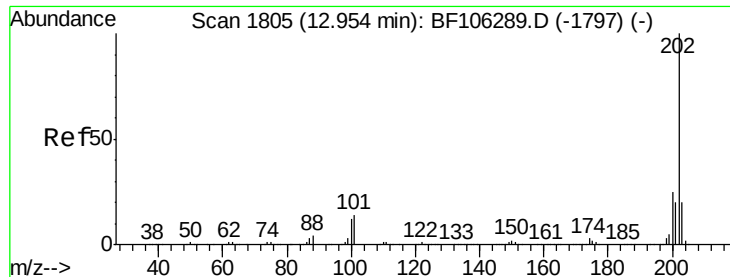


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

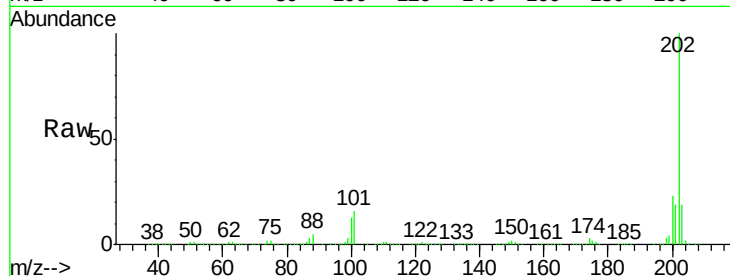




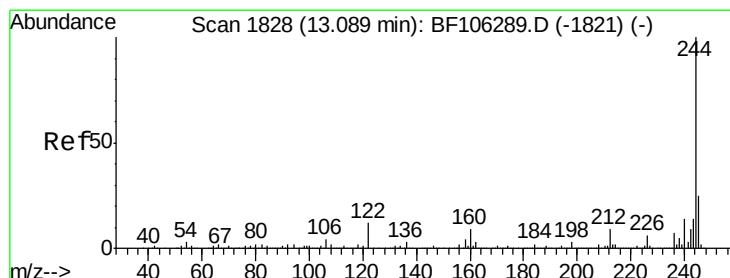
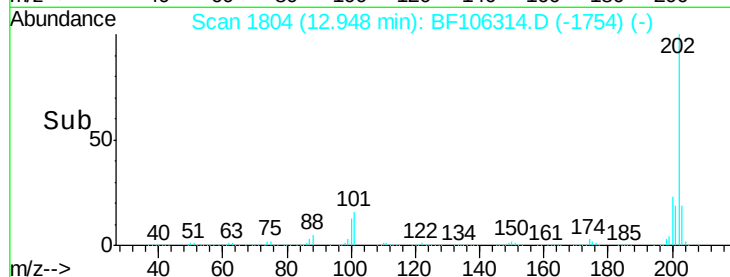
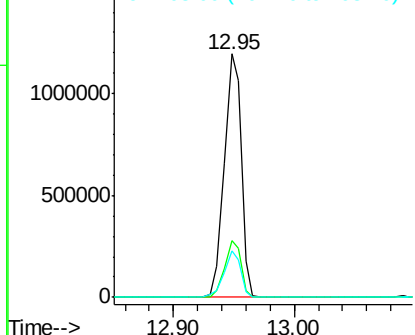
#77
 Pyrene
 Concen: 37.123 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tgt Ion:202 Resp: 1161544
 Ion Ratio Lower Upper
 202 100
 200 23.3 17.4 26.2
 203 19.1 14.3 21.5

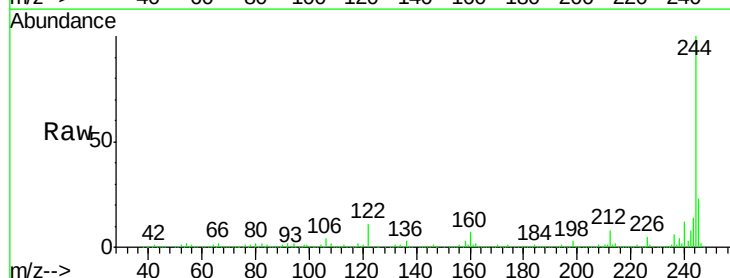


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

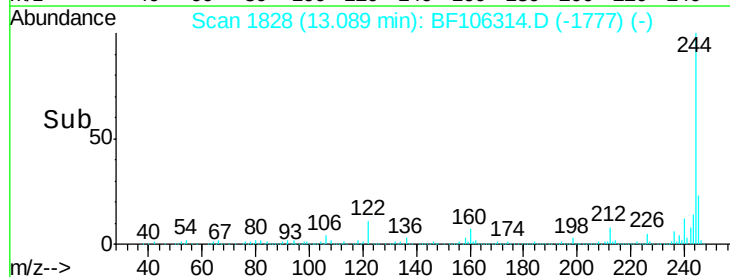
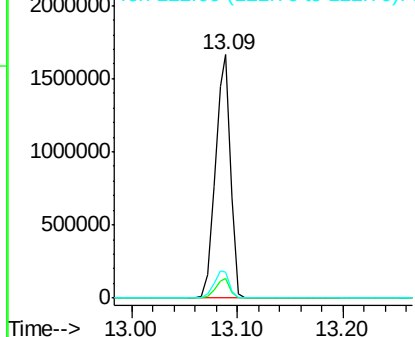


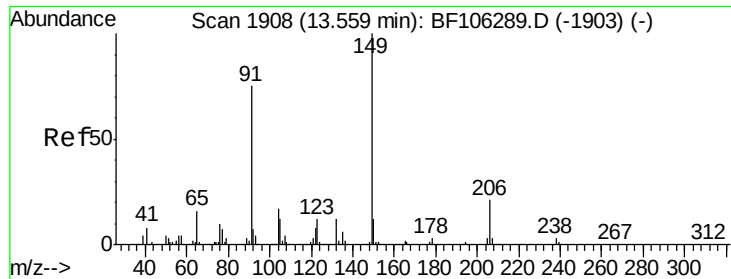
#78
 Terphenyl-d14
 Concen: 83.990 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion:244 Resp: 1690002
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.0
 122 10.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

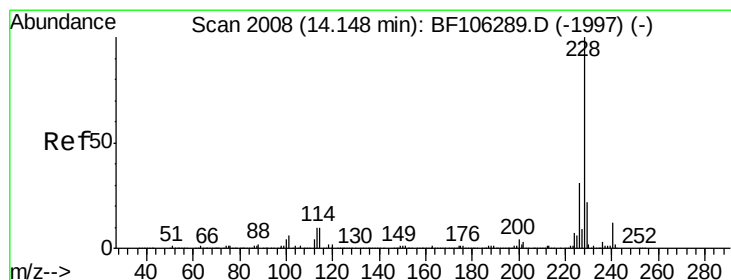
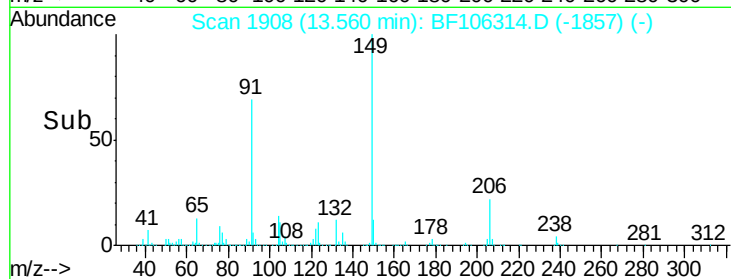
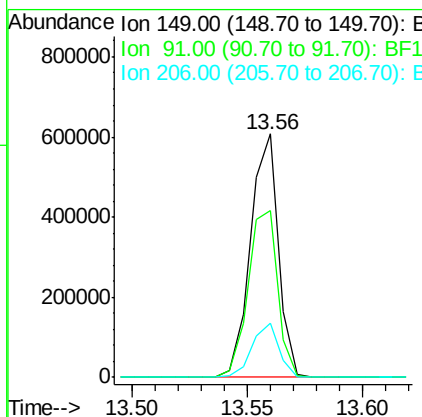
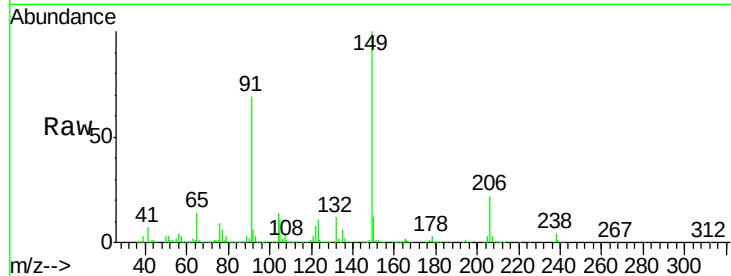




#79
Butylbenzylphthalate
Concen: 43.777 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

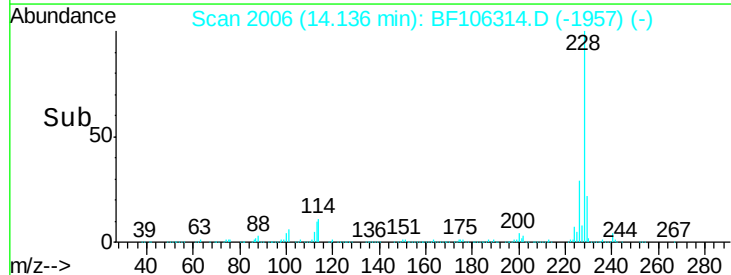
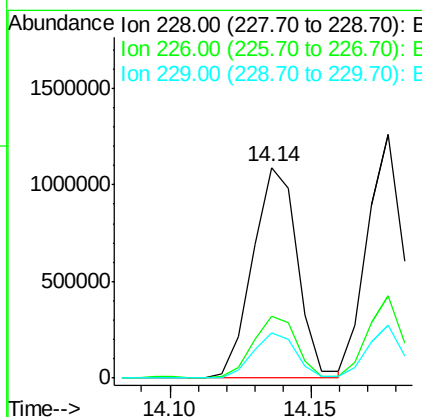
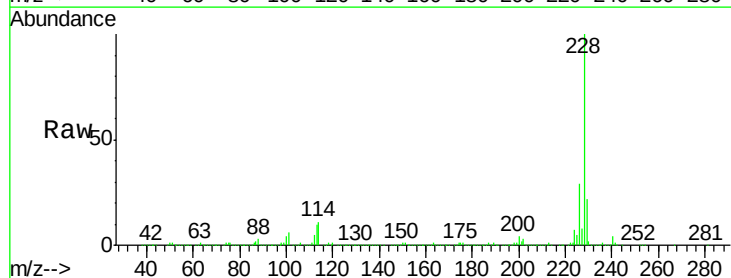
Instrument :
BNA_F
ClientSampleId :
SP-1MS

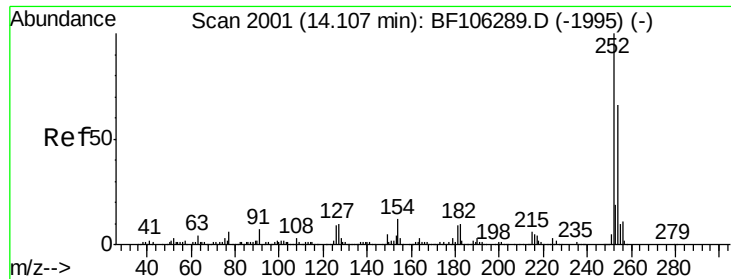
Tgt Ion:149 Resp: 512723
Ion Ratio Lower Upper
149 100
91 68.7 56.8 85.2
206 22.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 40.330 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:228 Resp: 1199449
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 21.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 44.282 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

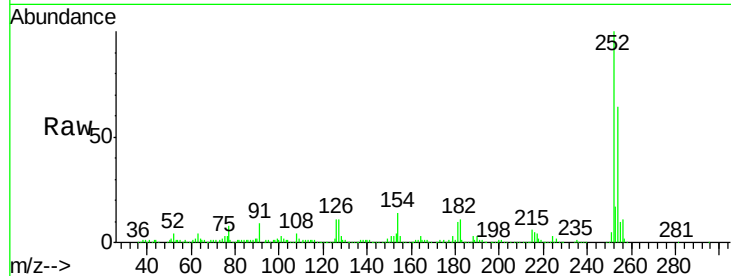
Tgt Ion:252 Resp: 444348

Ion Ratio Lower Upper

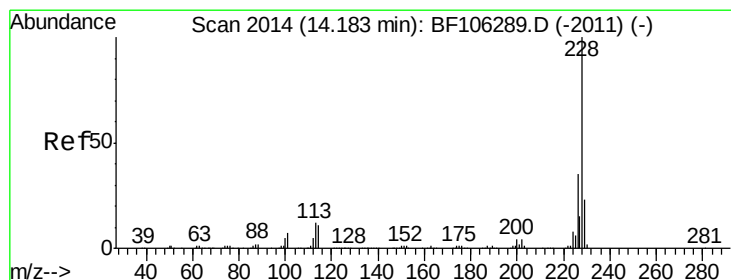
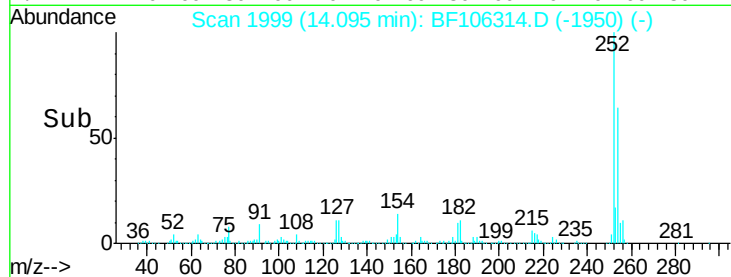
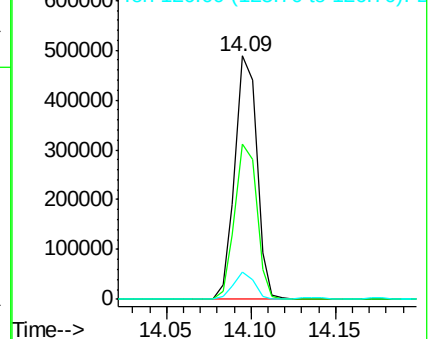
252 100

254 63.7 50.4 75.6

126 11.1 11.3 16.9#



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



#82

Chrysene

Concen: 40.628 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

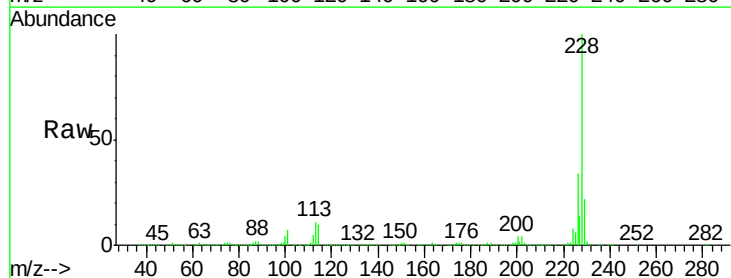
Tgt Ion:228 Resp: 1103192

Ion Ratio Lower Upper

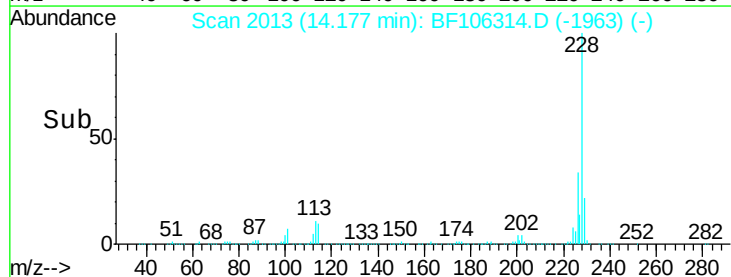
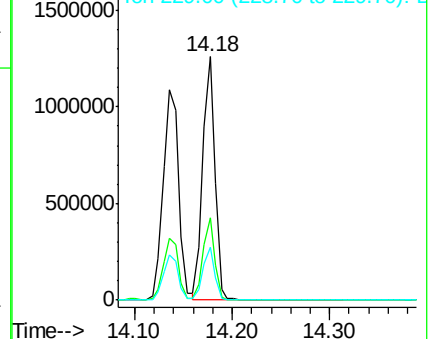
228 100

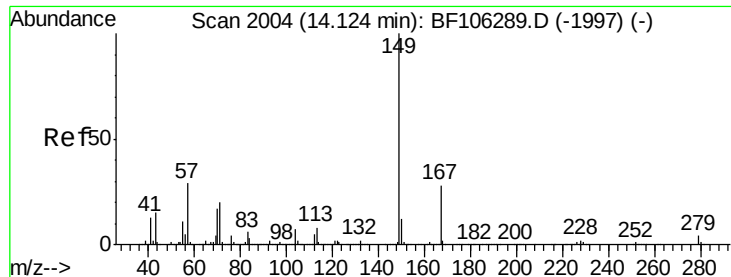
226 33.7 25.0 37.6

229 21.6 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.622 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

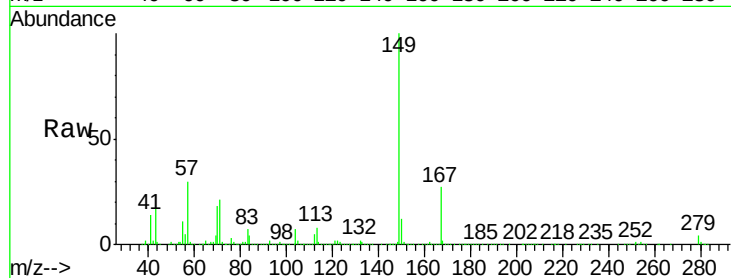
Tgt Ion:149 Resp: 732558

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

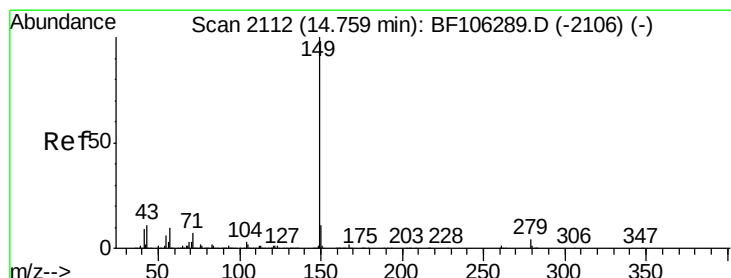
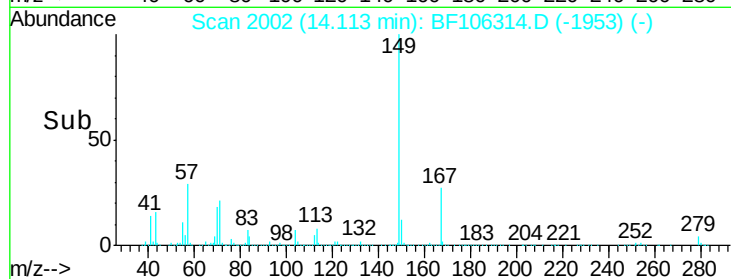
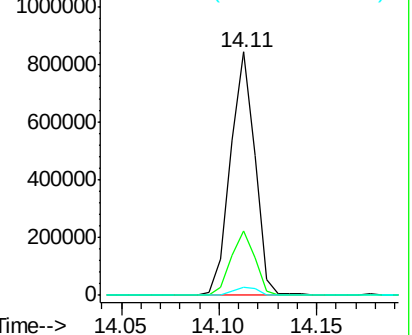
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.338 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

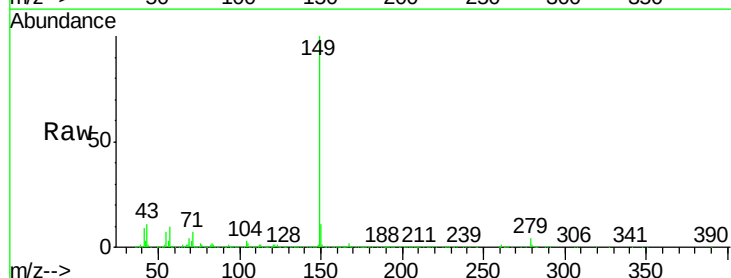
Tgt Ion:149 Resp: 1242877

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

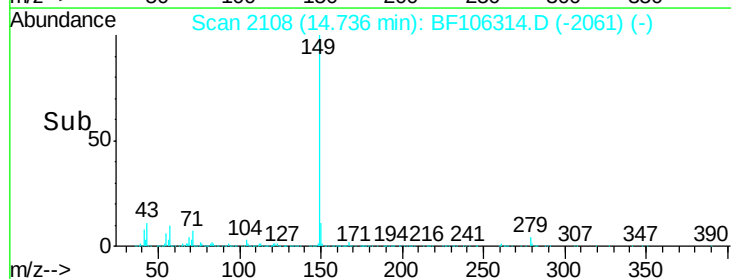
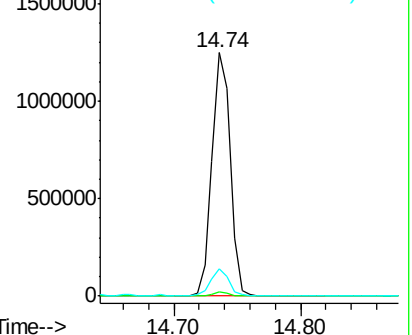
43 10.6 8.4 12.6

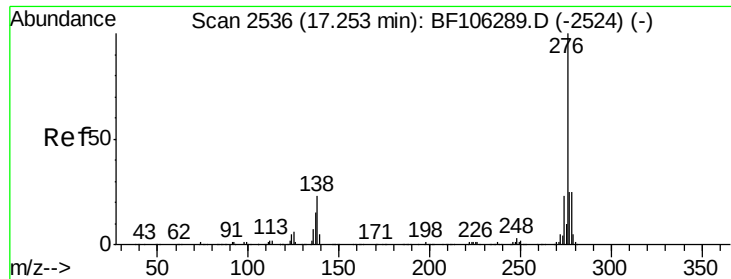


Abundance Ion 149.00 (148.70 to 149.70): E

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: 37.417 ng

RT: 17.23 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

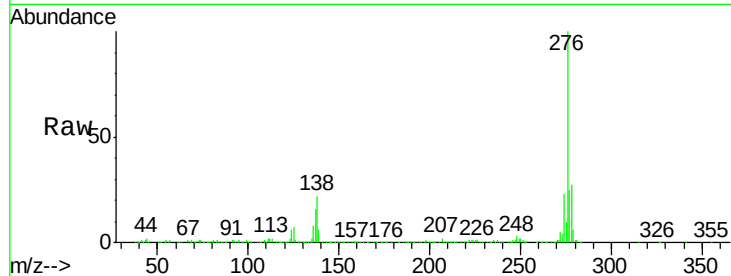
Tgt Ion:276 Resp: 810863

Ion Ratio Lower Upper

276 100

138 25.0 25.0 37.6#

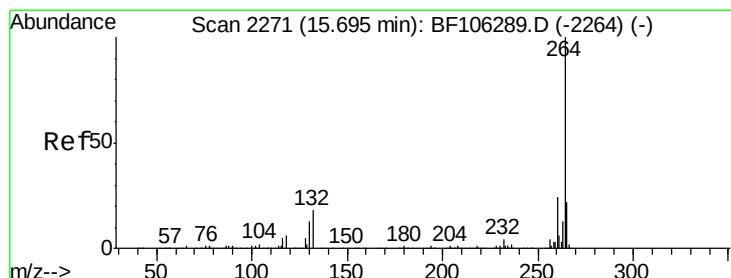
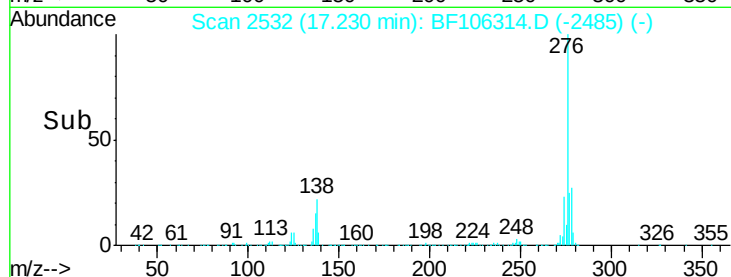
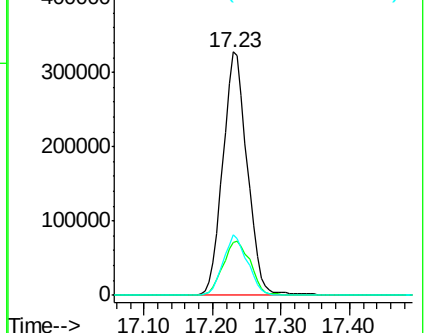
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

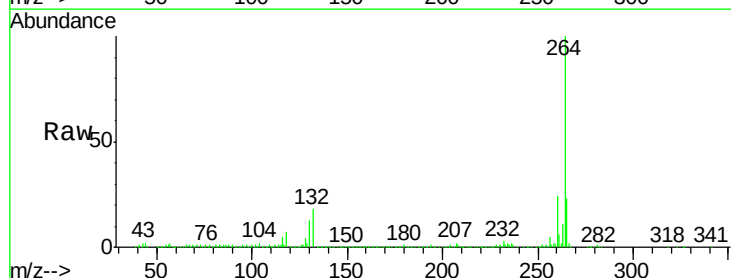
Tgt Ion:264 Resp: 390172

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

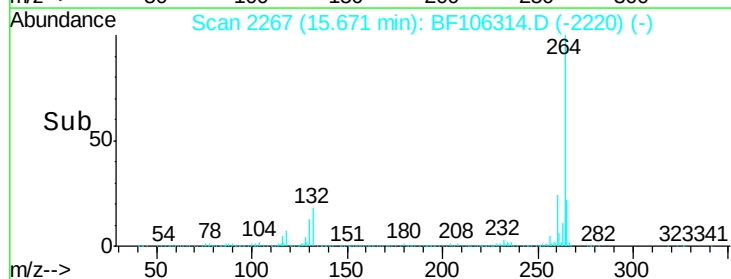
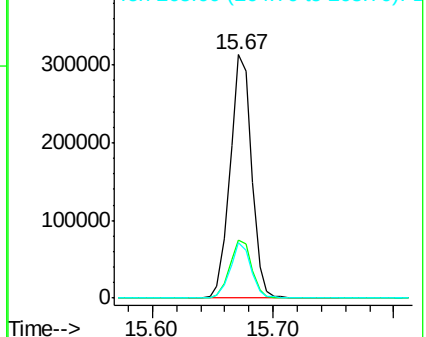
265 22.6 17.5 26.3

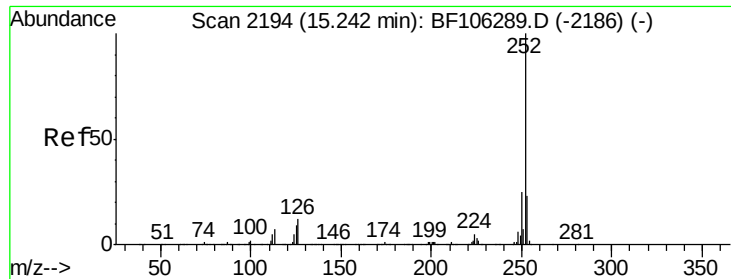


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

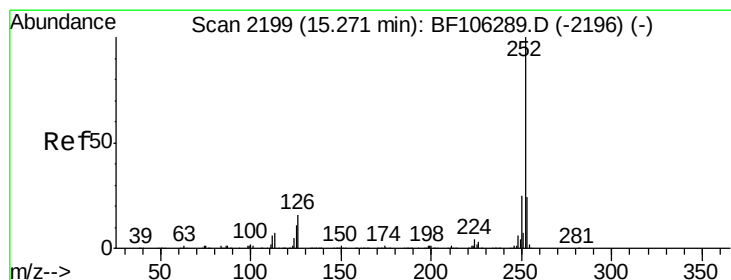
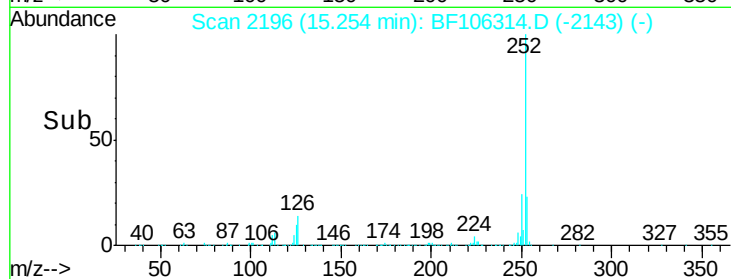
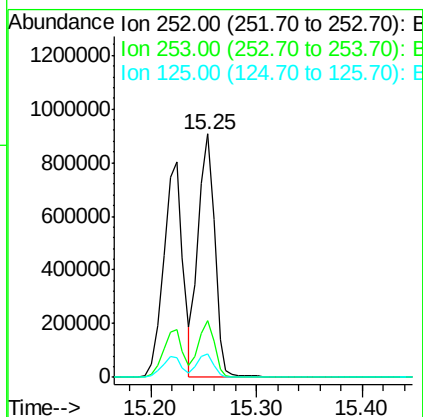
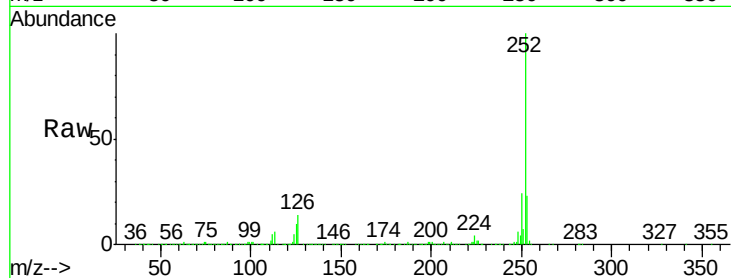




#87
Benzo(b)fluoranthene
Concen: 41.540 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

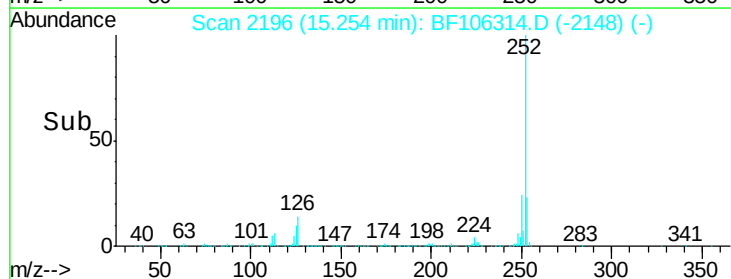
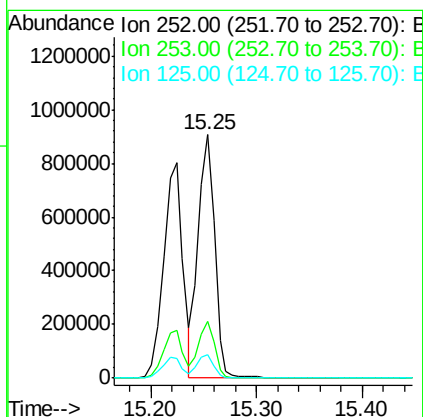
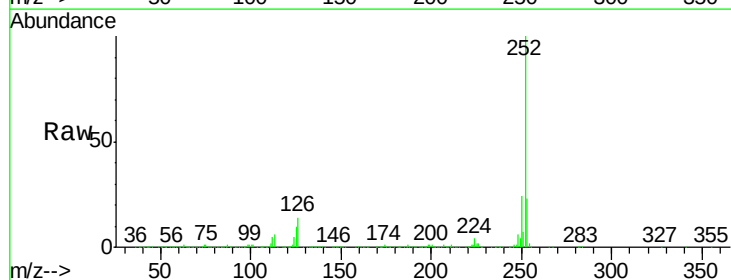
Instrument :
BNA_F
ClientSampleId :
SP-1MS

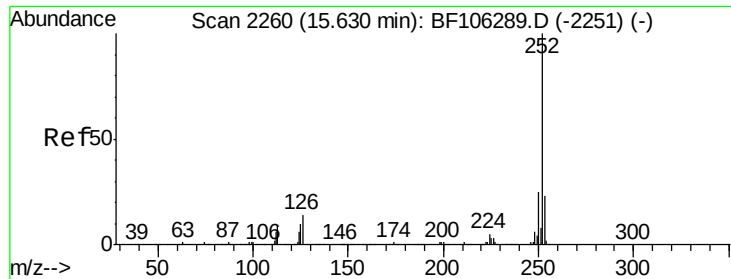
Tgt Ion:252 Resp: 979741
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.944 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:252 Resp: 979741
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 9.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 43.238 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

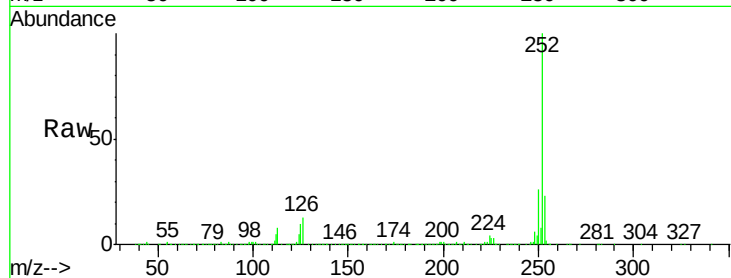
Tgt Ion:252 Resp: 917247

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

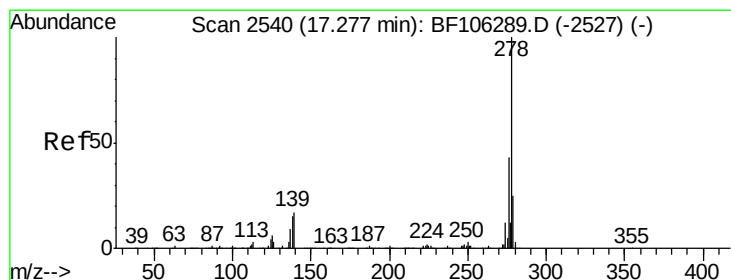
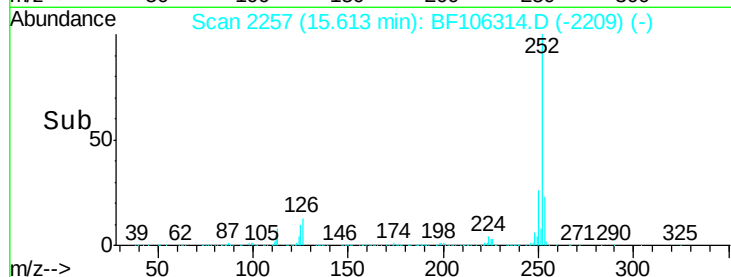
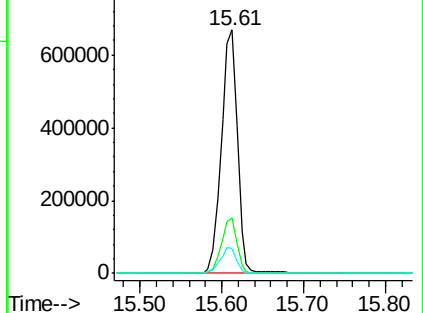
125 10.1 9.8 14.6



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: 38.460 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

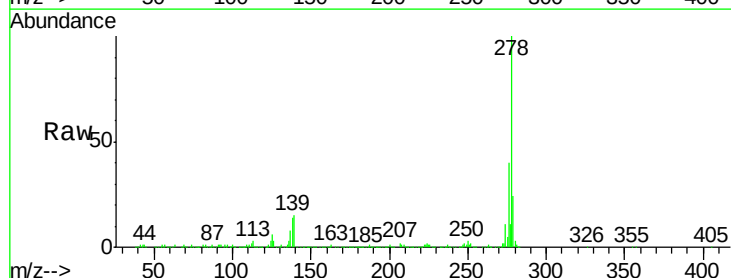
Tgt Ion:278 Resp: 680211

Ion Ratio Lower Upper

278 100

139 14.7 15.9 23.9#

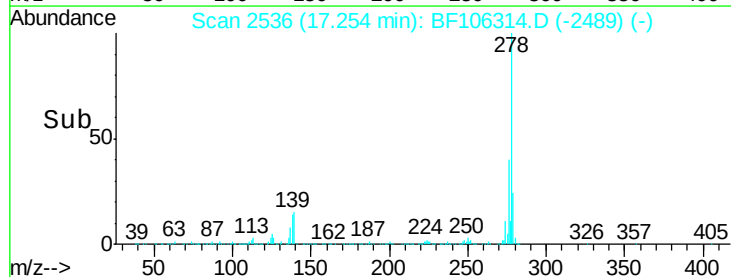
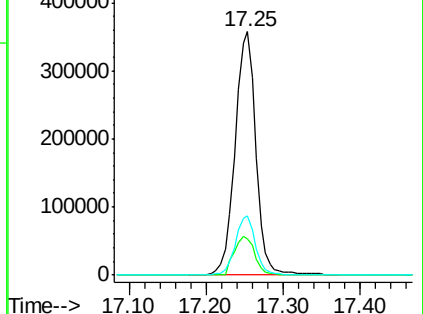
279 24.2 19.0 28.4

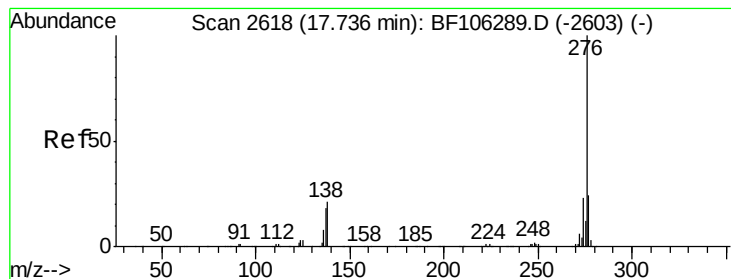


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.762 ng

RT: 17.71 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BF106314.D

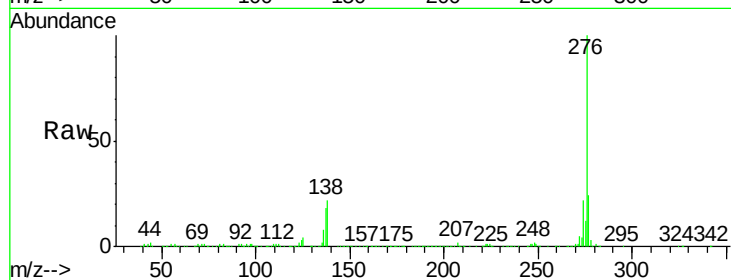
Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS



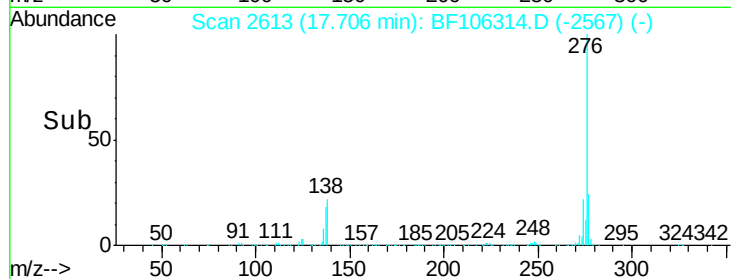
Tgt Ion: 276 Resp: 649051

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 22.4 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

