

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106437.D
 Acq On : 14 Jun 2018 13:03
 Operator : JU/SJ
 Sample : PB110197BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 18:40:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127205	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	476228	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	229379	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	466391	20.00	ng	0.00
75) Chrysene-d12	14.17	240	405230	20.00	ng	0.00
86) Perylene-d12	15.72	264	313517	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	882089	117.36	ng	0.00
7) Phenol-d6	6.62	99	1048720	110.44	ng	0.00
23) Nitrobenzene-d5	7.53	82	736725	91.01	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	337364	152.86	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1247030	103.07	ng	0.00
78) Terphenyl-d14	13.09	244	1414129	86.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	129697	33.344	ng	95
3) Pyridine	3.65	79	384205	35.445	ng	98
4) n-Nitrosodimethylamine	3.61	42	167454	33.722	ng	91
6) Aniline	6.63	93	232031	16.734	ng	# 1
8) 2-Chlorophenol	6.77	128	322181	39.862	ng	100
9) Benzaldehyde	6.52	77	216111	30.005	ng	98
10) Phenol	6.63	94	405960	39.162	ng	78
11) bis(2-Chloroethyl)ether	6.70	93	330034	37.191	ng	96
12) 1,3-Dichlorobenzene	6.91	146	367948	38.680	ng	99
13) 1,4-Dichlorobenzene	6.98	146	370346	38.365	ng	98
14) 1,2-Dichlorobenzene	7.14	146	345941	38.069	ng	100
15) Benzyl Alcohol	7.11	79	299910	36.881	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	477714	37.554	ng	# 36
17) 2-Methylphenol	7.23	107	274497	38.066	ng	# 90
18) Hexachloroethane	7.48	117	132662	38.569	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	233996	32.847	ng	97
20) 3+4-Methylphenols	7.38	107	364034	39.476	ng	96
22) Acetophenone	7.37	105	454850	37.900	ng	# 98
24) Nitrobenzene	7.55	77	363946	41.364	ng	98
25) Isophorone	7.78	82	653979	41.360	ng	98
26) 2-Nitrophenol	7.87	139	180982	52.993	ng	99
27) 2,4-Dimethylphenol	7.91	122	296659	44.318	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	413282	40.310	ng	99
29) 2,4-Dichlorophenol	8.12	162	288678	44.702	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	300459	41.495	ng	94
31) Naphthalene	8.27	128	913707	42.443	ng	99
32) Benzoic acid	8.03	122	167657	36.091	ng	95
33) 4-Chloroaniline	8.32	127	110053	11.536	ng	98
34) Hexachlorobutadiene	8.38	225	190983	41.055	ng	98
35) Caprolactam	8.70	113	67245	30.785	ng	98
36) 4-Chloro-3-methylphenol	8.82	107	303290	42.457	ng	99
37) 2-Methylnaphthalene	8.97	142	627461	42.793	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	314973	42.299	ng	98
40) Hexachlorocyclopentadiene	9.11	237	392960	95.649	ng	98

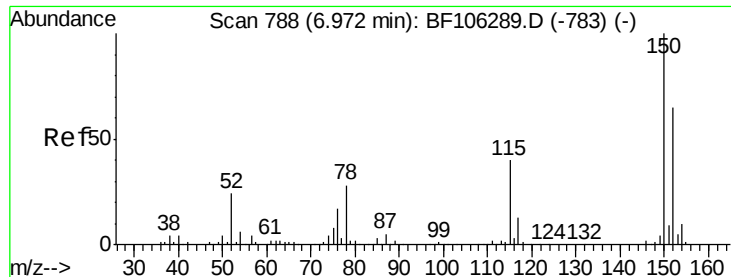
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	221687	46.717	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	225553	44.091	nq #	93
45) 1,1'-Biphenyl	9.42	154	737692	41.521	nq	99
46) 2-Chloronaphthalene	9.45	162	602413	42.370	nq	98
47) 2-Nitroaniline	9.55	65	208517	46.620	nq	97
48) Acenaphthylene	9.87	152	952306	43.759	nq	98
49) Dimethylphthalate	9.72	163	680686	41.536	nq #	98
50) 2,6-Dinitrotoluene	9.79	165	155079	46.327	nq	96
51) Acenaphthene	10.04	154	554797	39.475	nq	98
52) 3-Nitroaniline	9.96	138	96487	24.285	nq	97
53) 2,4-Dinitrophenol	10.07	184	162210	102.792	nq #	14
54) Dibenzofuran	10.22	168	814240	43.024	nq	98
55) 4-Nitrophenol	10.15	139	245736	80.692	nq	95
56) 2,4-Dinitrotoluene	10.19	165	212683	50.595	nq #	97
57) Fluorene	10.56	166	636388	42.442	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	194943	48.080	nq #	84
59) Diethylphthalate	10.42	149	656752	40.376	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	320196	40.600	nq	90
61) 4-Nitroaniline	10.58	138	177347	45.879	nq	99
62) Azobenzene	10.71	77	692813	40.848	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	116884	46.660	nq	88
65) n-Nitrosodiphenylamine	10.67	169	597780	38.137	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	217848	41.067	nq #	81
67) Hexachlorobenzene	11.11	284	230100	42.075	nq #	86
68) Atrazine	11.19	200	196549	40.689	nq	95
69) Pentachlorophenol	11.31	266	222095	65.963	nq	98
70) Phenanthrene	11.52	178	949369	41.564	nq	98
71) Anthracene	11.58	178	983195	42.967	nq	98
72) Carbazole	11.74	167	894160	42.326	nq	98
73) Di-n-butylphthalate	12.05	149	998704	42.477	nq	100
74) Fluoranthene	12.72	202	1030755	42.316	nq	97
76) Benzidine	12.84	184	328772	24.378	nq	98
77) Pyrene	12.95	202	1097788	43.271	nq	97
79) Butylbenzylphthalate	13.56	149	442898	46.638	nq #	96
80) Benzo(a)anthracene	14.15	228	1006138	41.723	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	229299	28.182	nq #	97
82) Chrysene	14.19	228	934537	42.446	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	539720	39.638	nq	99
84) Di-n-octyl phthalate	14.78	149	785774	40.029	nq	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	824771	46.938	nq #	93
87) Benzo(b)fluoranthene	15.29	252	747381	39.436	nq	97
88) Benzo(k)fluoranthene	15.29	252	747381	39.819	nq #	97
89) Benzo(a)pyrene	15.65	252	729769	42.811	nq	97
90) Dibenzo(a,h)anthracene	17.31	278	675679	47.545	nq	96
91) Benzo(g,h,i)perylene	17.78	276	716595	51.885	nq #	93

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

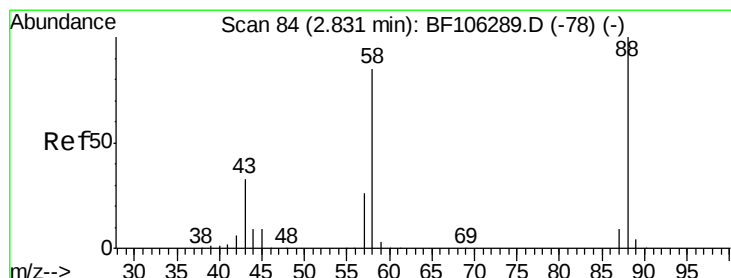
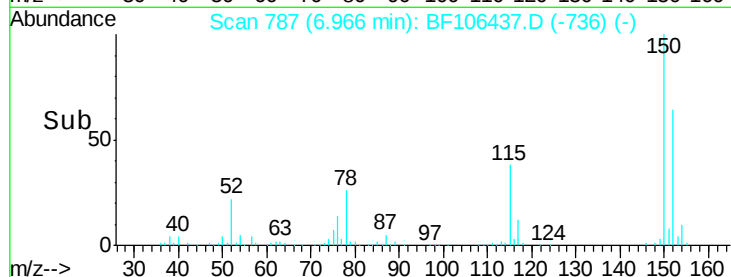
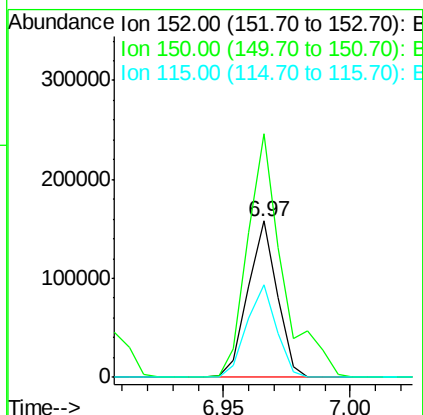
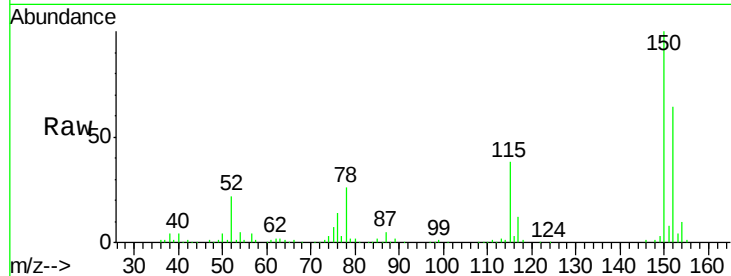


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :

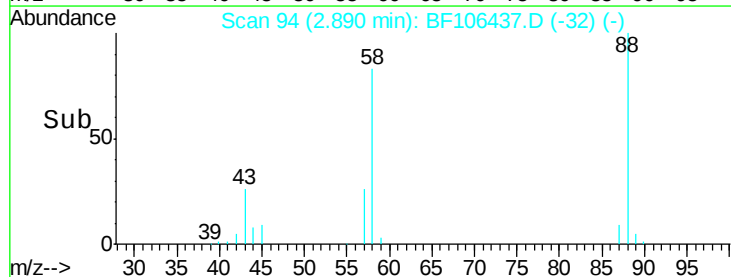
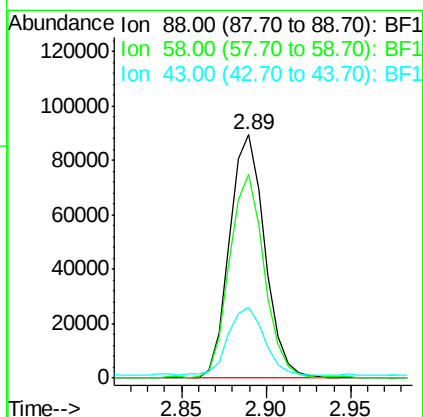
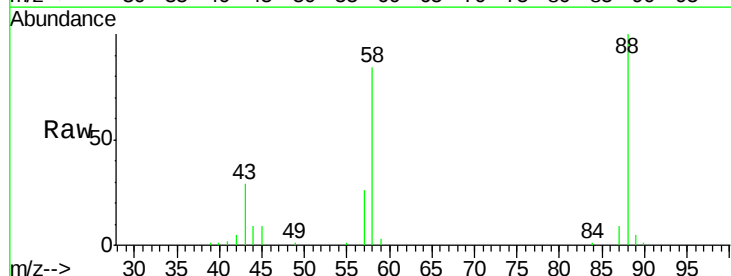
Tot Ion:152 Resp: 127205
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 59.1 50.1 75.1

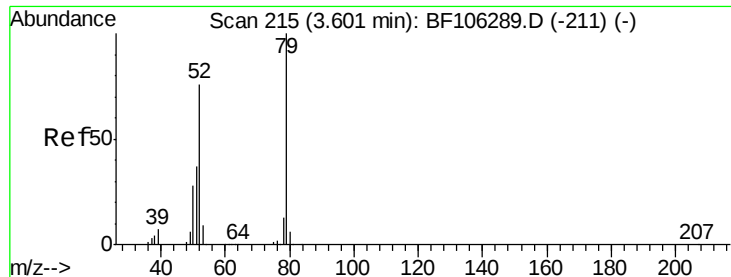


#2

1,4-Dioxane
Concen: 33.344 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion: 88 Resp: 129697
Ion Ratio Lower Upper
88 100
58 83.5 62.6 93.8
43 29.0 24.6 37.0





#3

Pvridine

Concen: 35.445 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

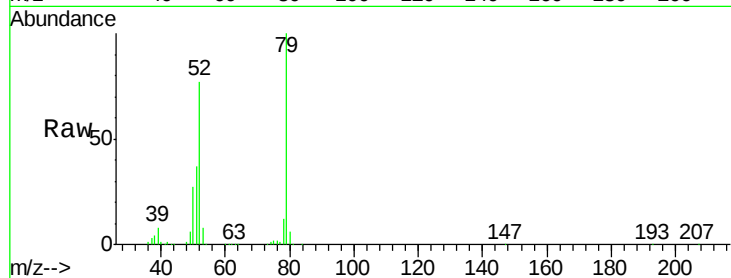
Tot Ion: 79 Resp: 384205

Ion Ratio Lower Upper

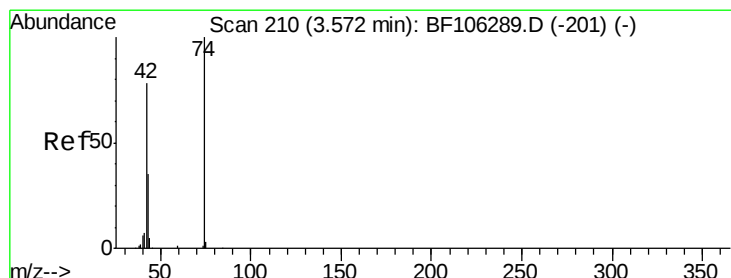
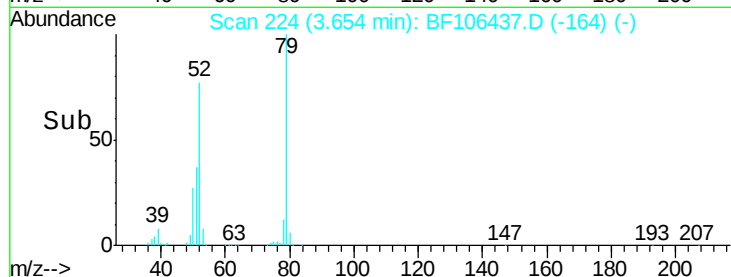
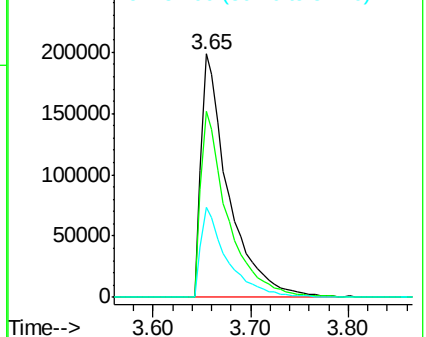
79 100

52 76.5 59.8 89.6

51 37.1 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: 33.722 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.04 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

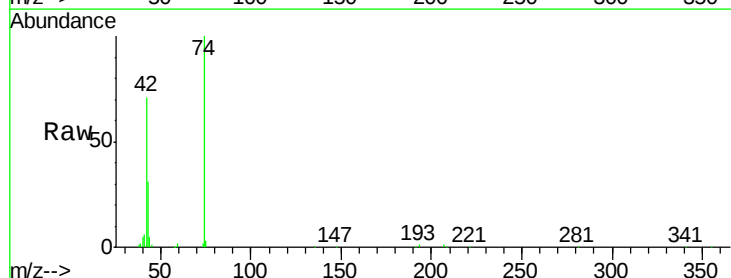
Tgt Ion: 42 Resp: 167454

Ion Ratio Lower Upper

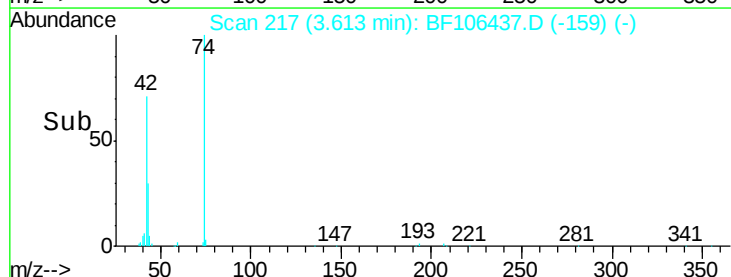
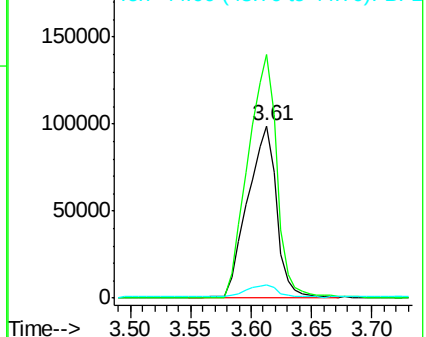
42 100

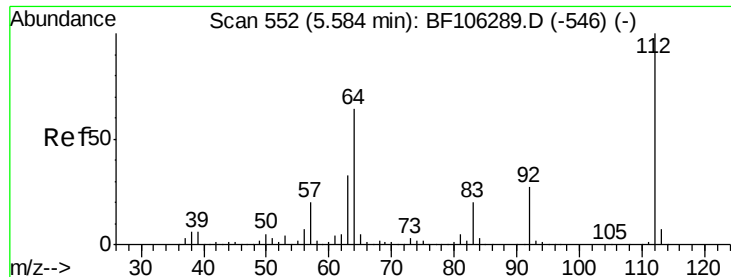
74 141.6 104.9 157.3

44 7.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.364 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampled :

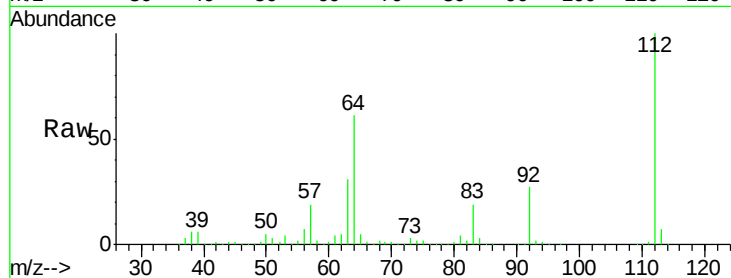
Tot Ion: 112 Resp: 882089

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

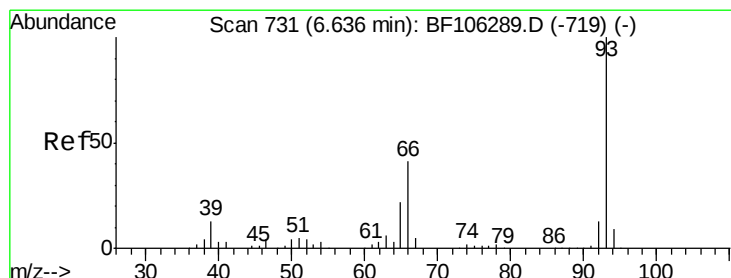
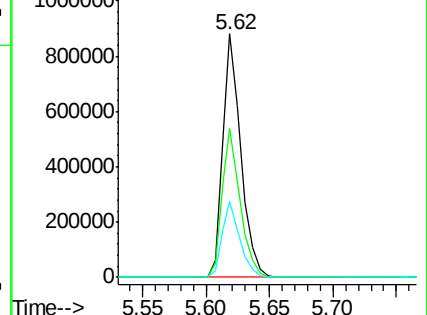
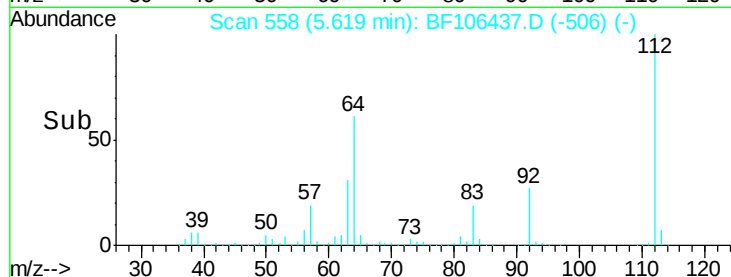
63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.734 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

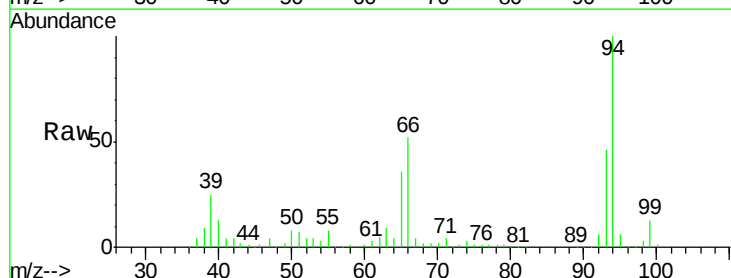
Tgt Ion: 93 Resp: 232031

Ion Ratio Lower Upper

93 100

66 112.5 32.2 48.2#

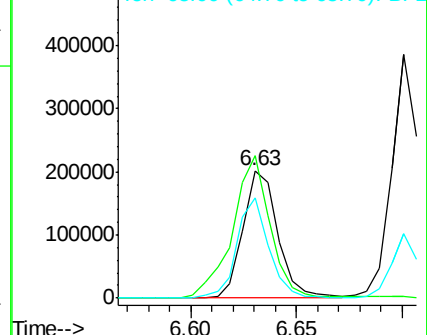
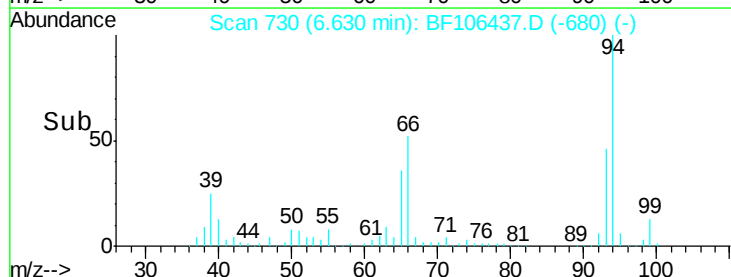
65 78.6 16.4 24.6#

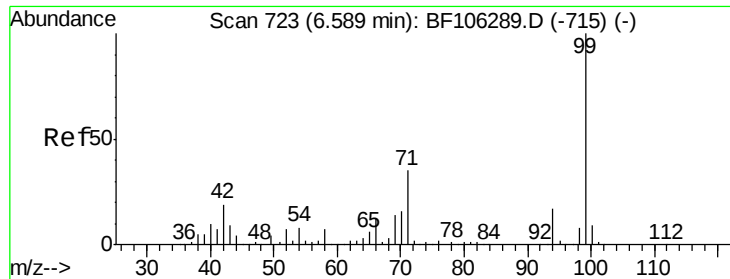


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.444 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

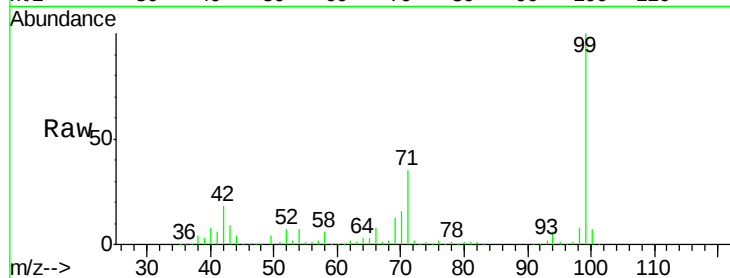
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1048720

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	34.6	25.4	38.0

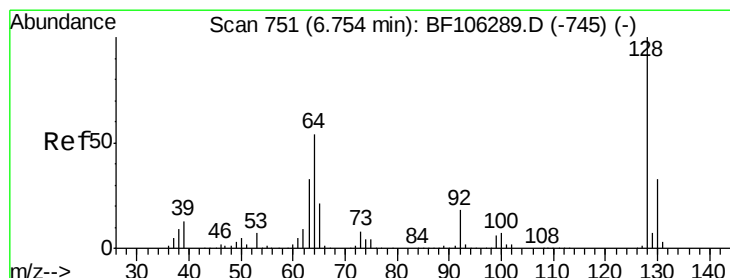
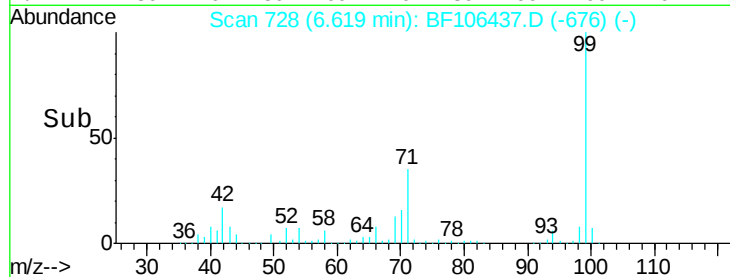


Abundance

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: 39.862 ng

RT: 6.77 min Scan# 753

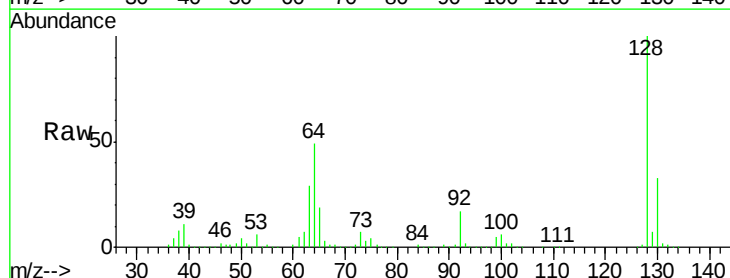
Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:128 Resp: 322181

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	49.3	29.4	69.4

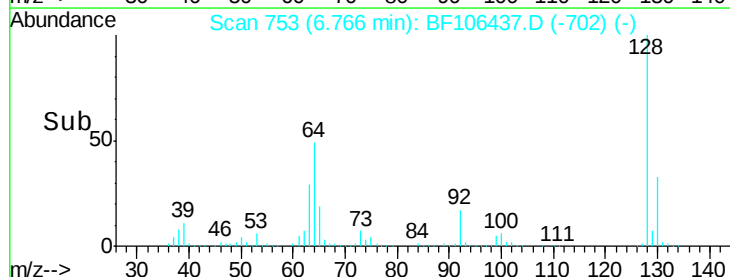


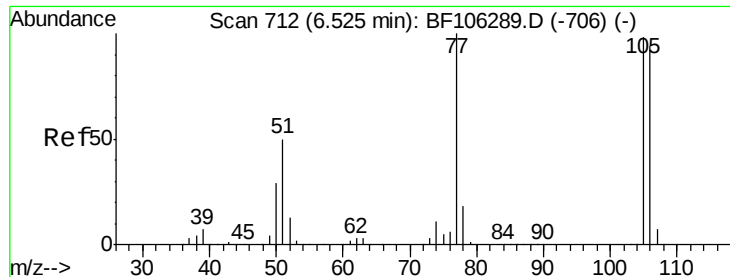
Abundance

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: 30.005 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

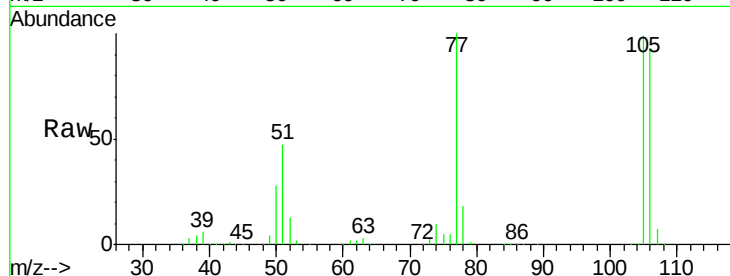
Tot Ion: 77 Resp: 216111

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

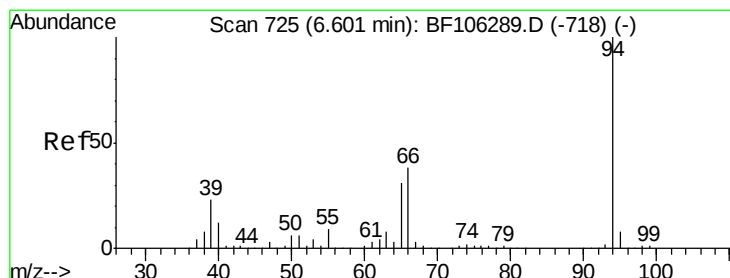
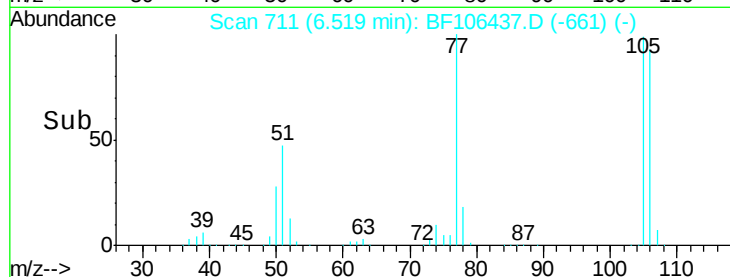
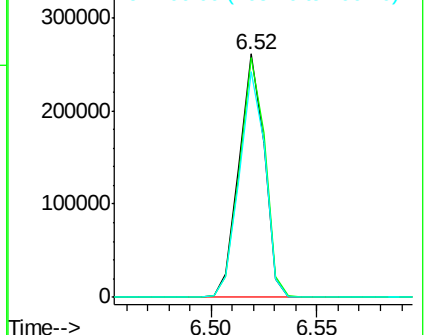
106 92.9 74.5 114.5



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: 39.162 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

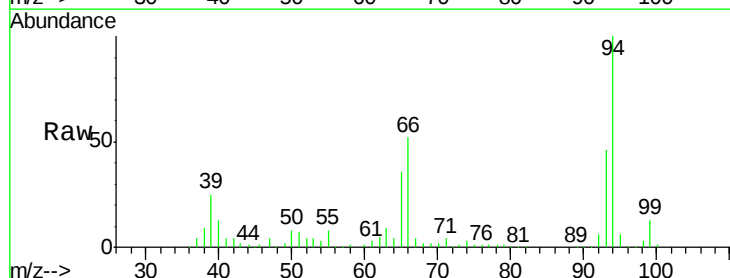
Tgt Ion: 94 Resp: 405960

Ion Ratio Lower Upper

94 100

65 36.4 7.9 47.9

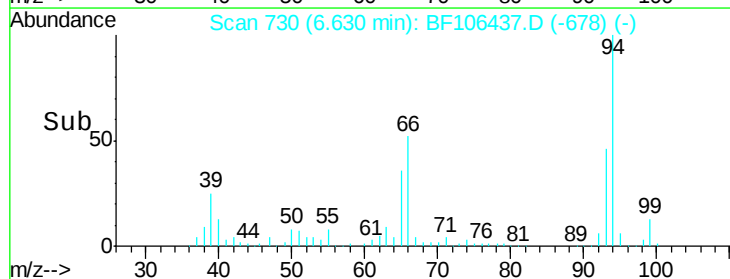
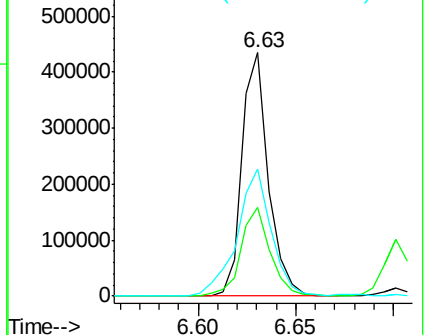
66 52.1 16.2 56.2

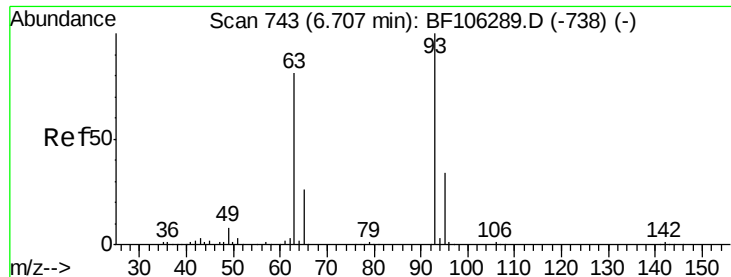


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.191 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

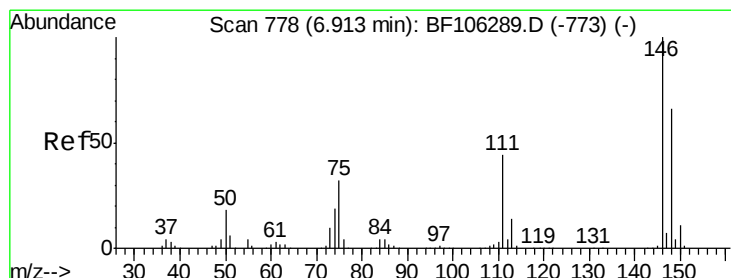
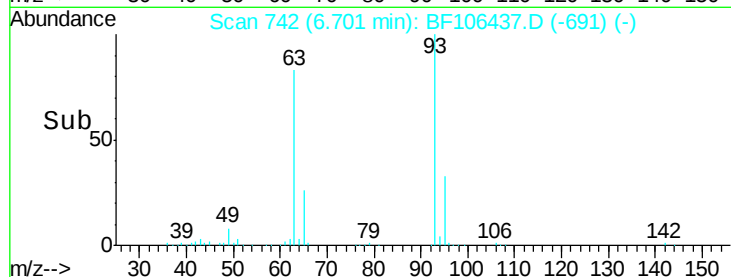
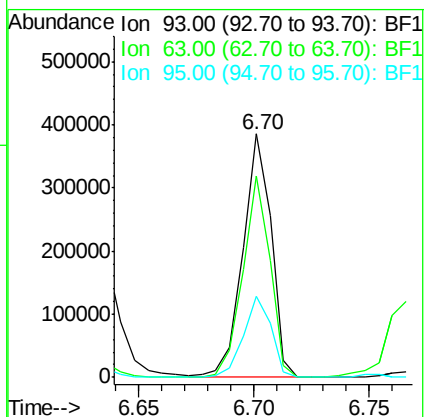
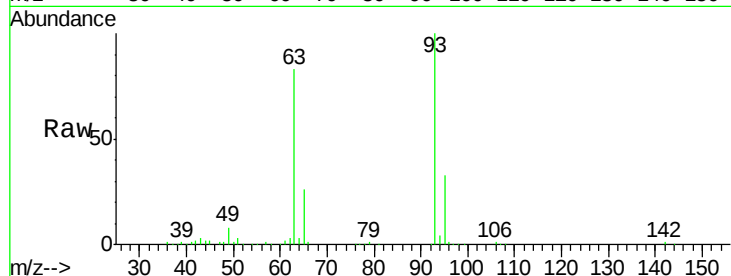
Tot Ion: 93 Resp: 330034

Ion Ratio Lower Upper

93 100

63 82.8 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.680 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

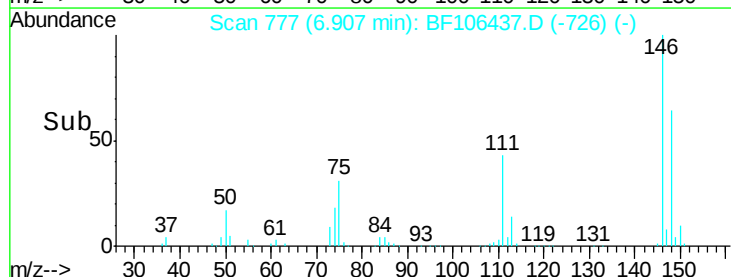
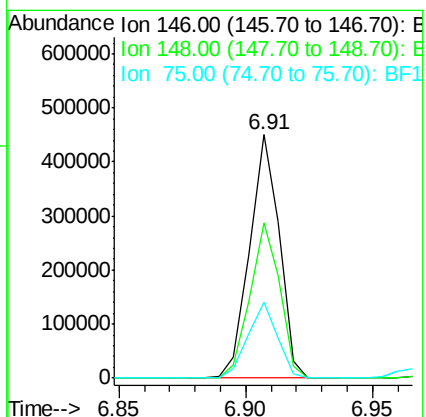
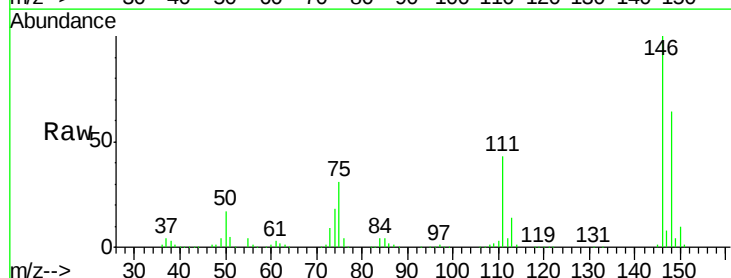
Tgt Ion: 146 Resp: 367948

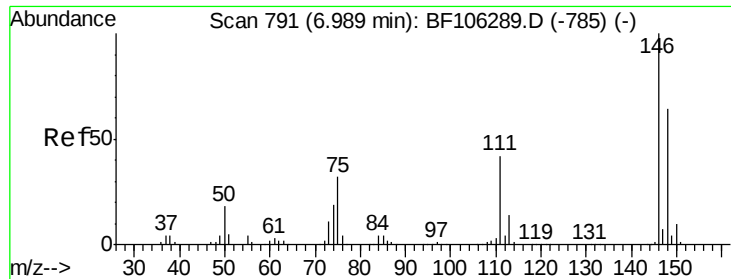
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 31.3 24.2 36.4

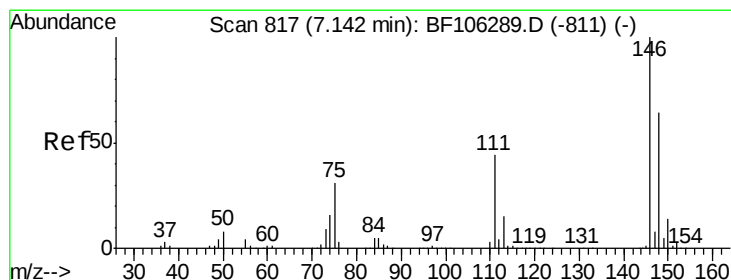
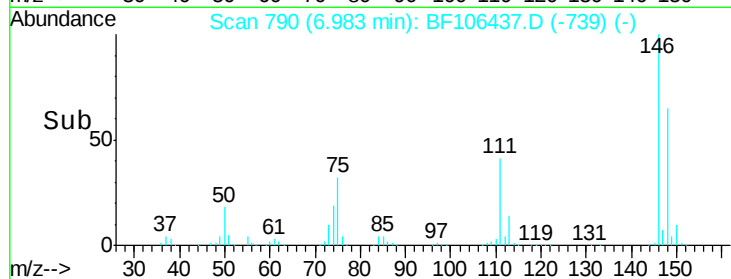
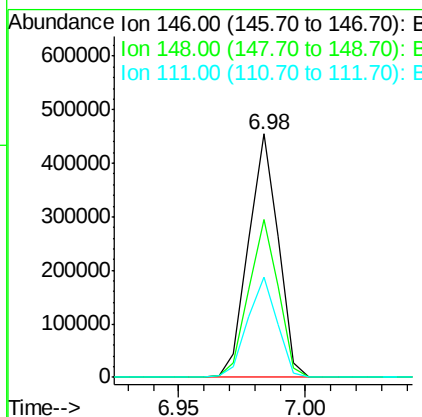
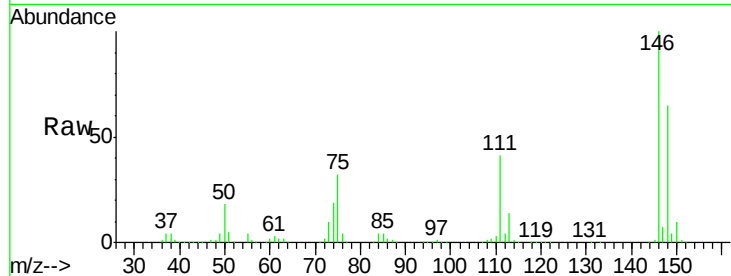




#13
 1,4-Dichlorobenzene
 Concen: 38.365 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

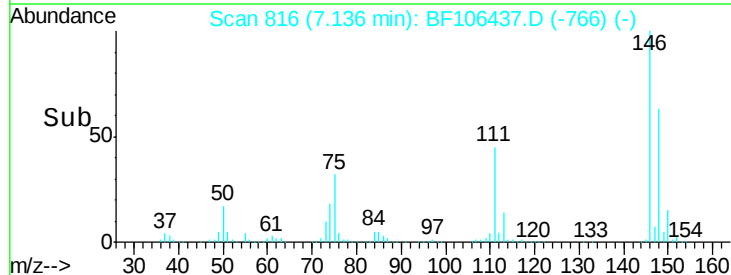
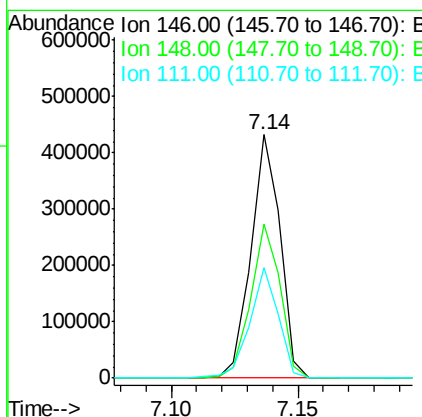
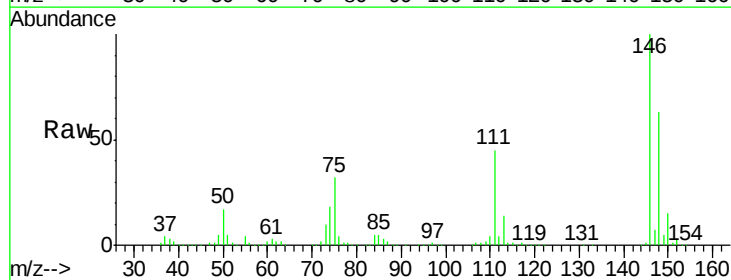
Instrument :
 BNA_F
 ClientSampleId :

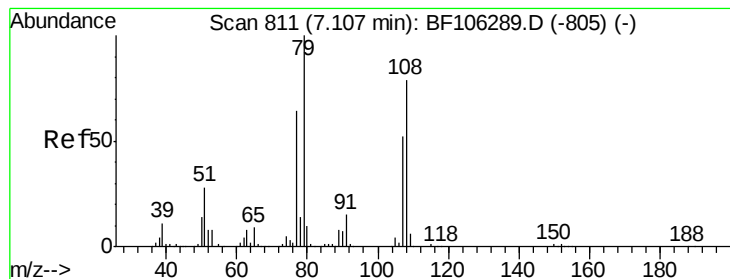
Tot Ion:146 Resp: 370346
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.069 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:146 Resp: 345941
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 45.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.881 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampled :

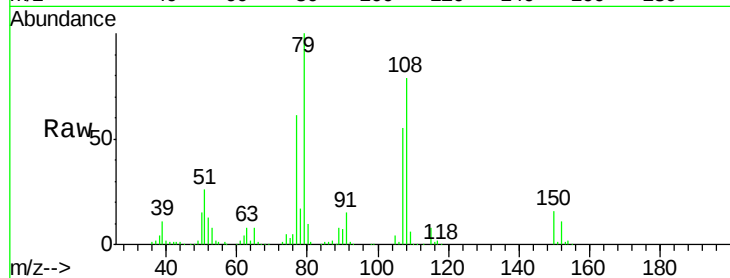
Tot Ion: 79 Resp: 299910

Ion Ratio Lower Upper

79 100

108 78.7 65.1 97.7

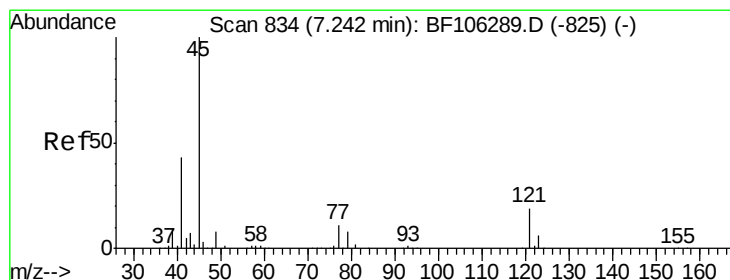
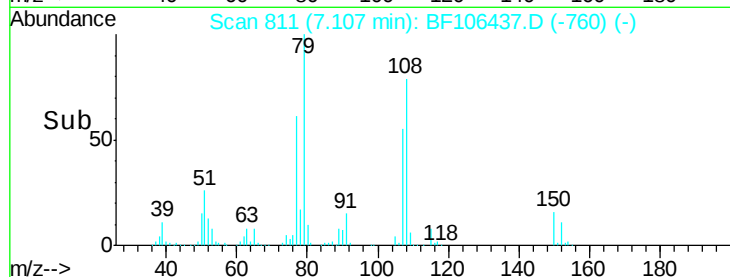
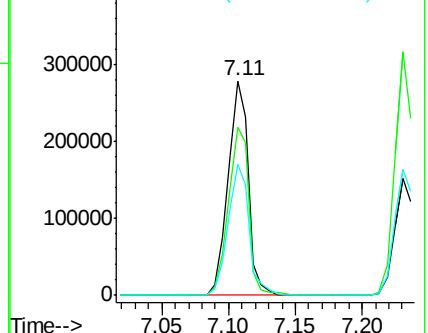
77 60.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.554 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

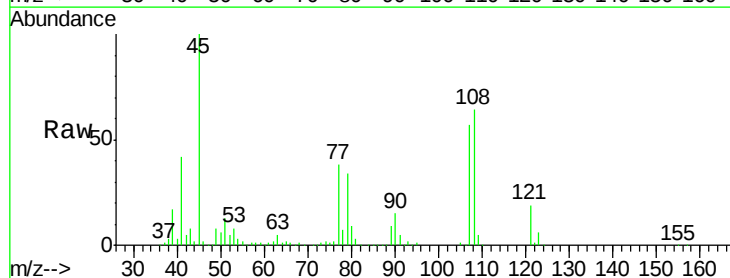
Tgt Ion: 45 Resp: 477714

Ion Ratio Lower Upper

45 100

77 37.8 0.0 32.9#

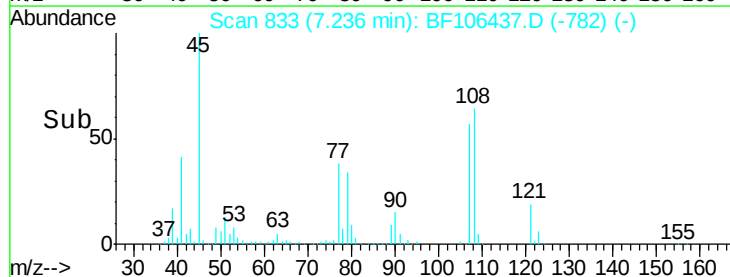
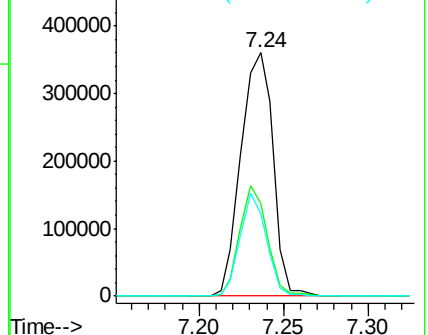
79 33.7 0.0 29.6#

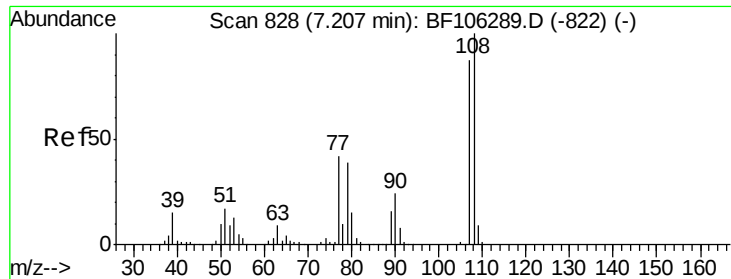


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

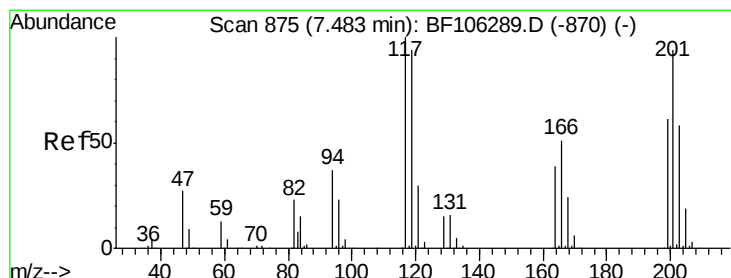
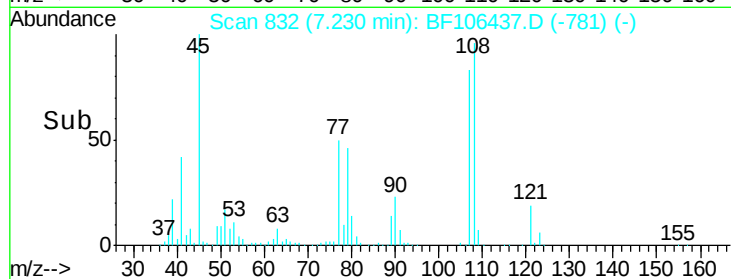
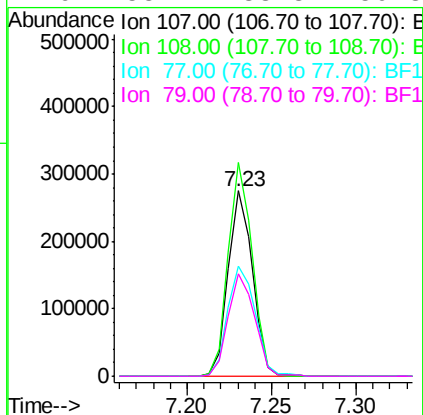
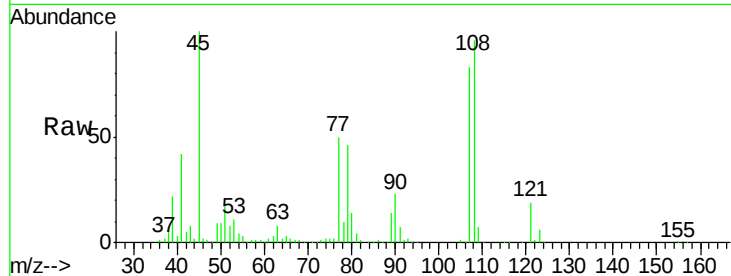




#17
2-Methylphenol
Concen: 38.066 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

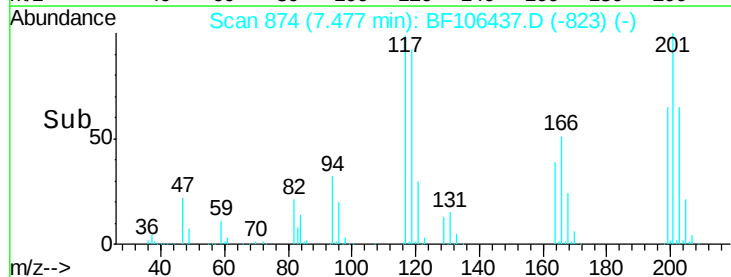
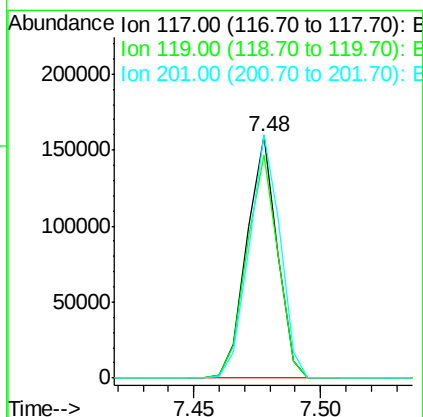
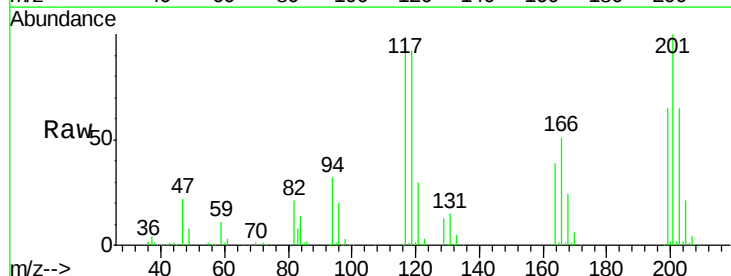
Instrument :
BNA_F
ClientSampleId :

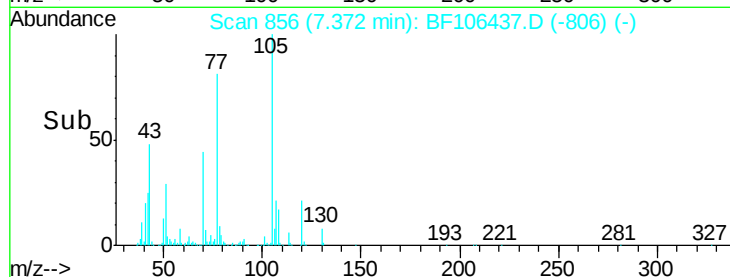
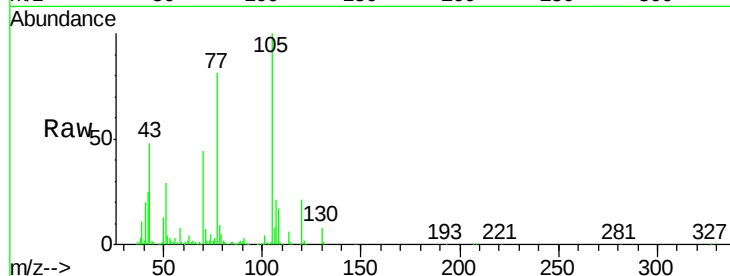
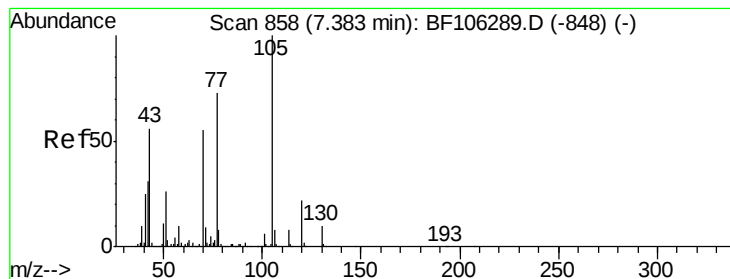
Tot Ion:107 Resp: 274497
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 59.5 33.8 50.8#
79 55.1 33.8 50.8#



#18
Hexachloroethane
Concen: 38.569 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:117 Resp: 132662
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.8
201 100.5 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 32.847 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 233996

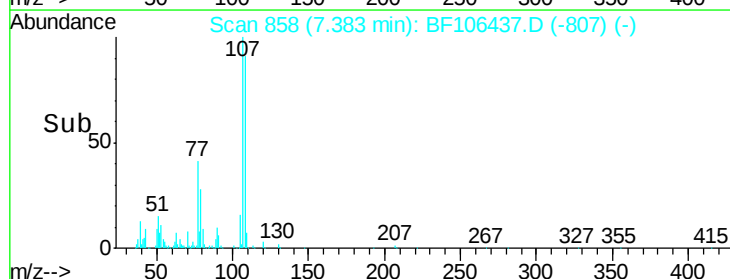
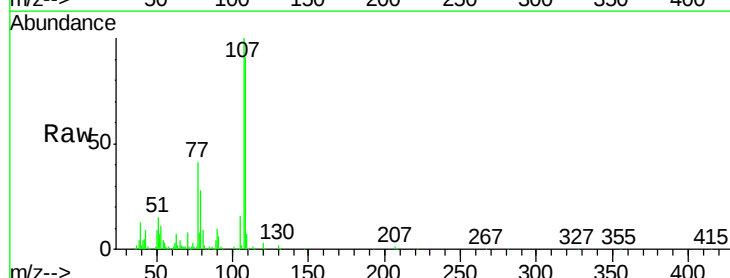
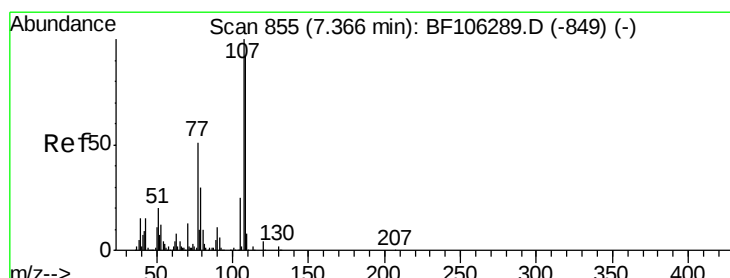
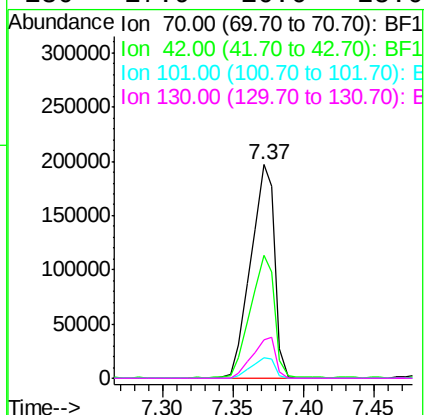
Ion Ratio Lower Upper

70 100

42 57.5 47.5 71.3

101 9.7 7.4 11.2

130 17.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.476 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion: 107 Resp: 364034

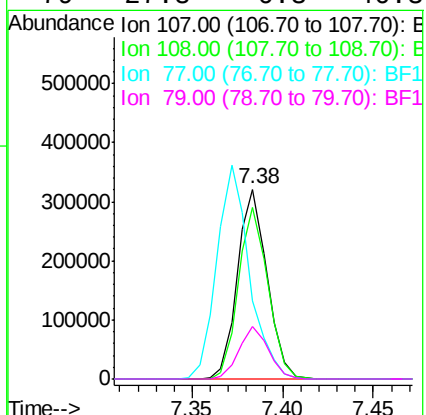
Ion Ratio Lower Upper

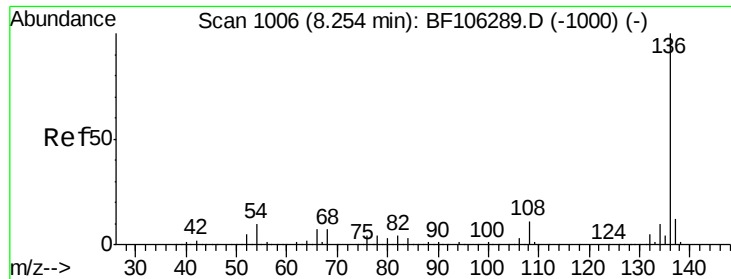
107 100

108 90.6 68.2 108.2

77 41.4 26.7 66.7

79 27.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 476228

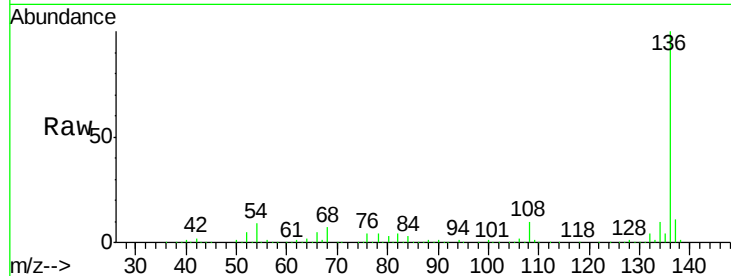
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 6.6 9.8

68 6.8 5.0 7.4

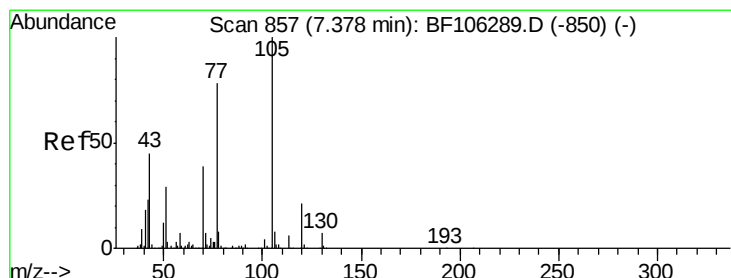
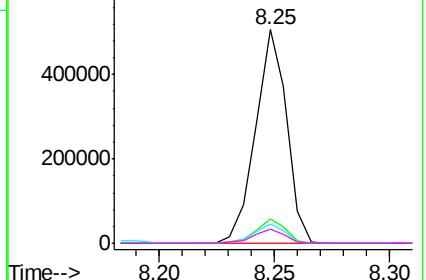
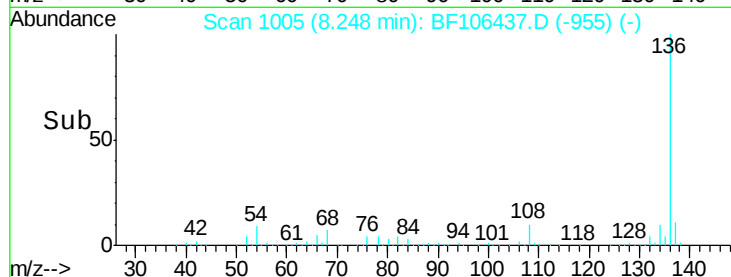


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.900 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Tgt Ion:105 Resp: 454850

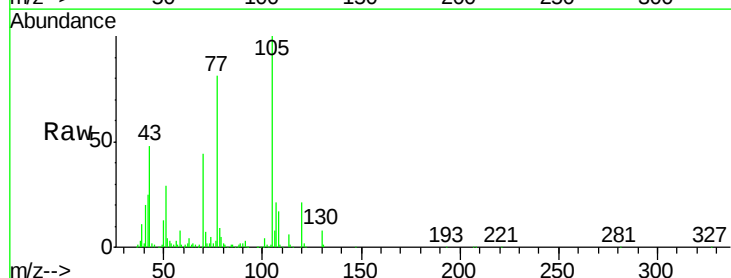
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 29.2 22.3 33.5

120 21.4 16.9 25.3

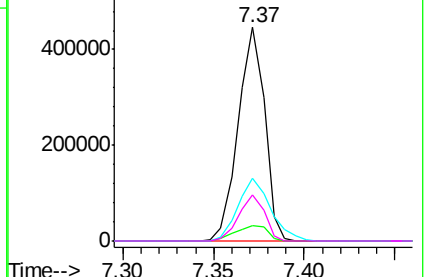
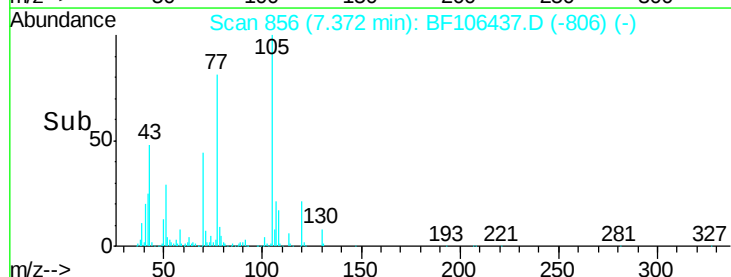


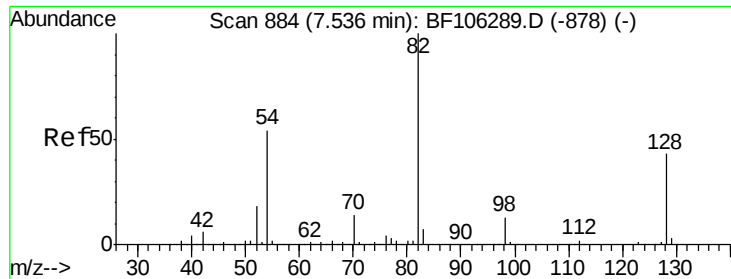
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

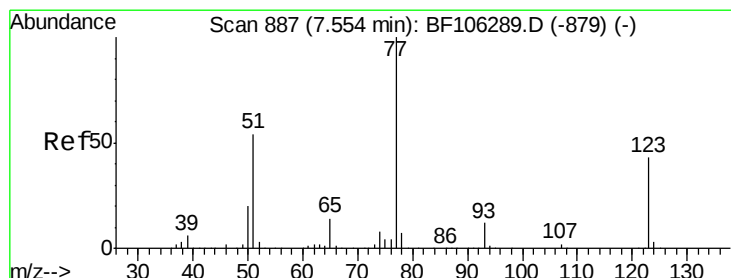
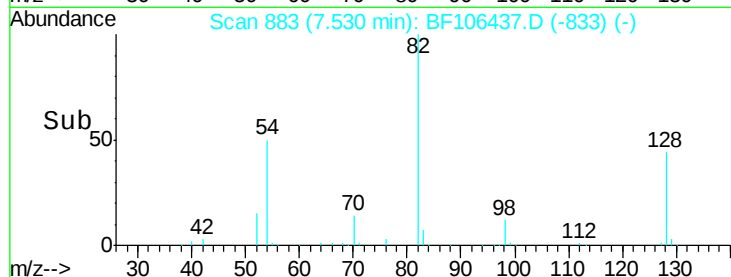
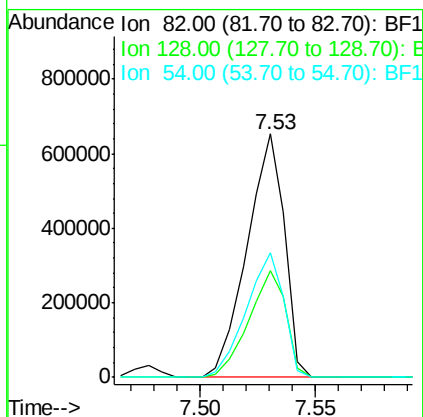
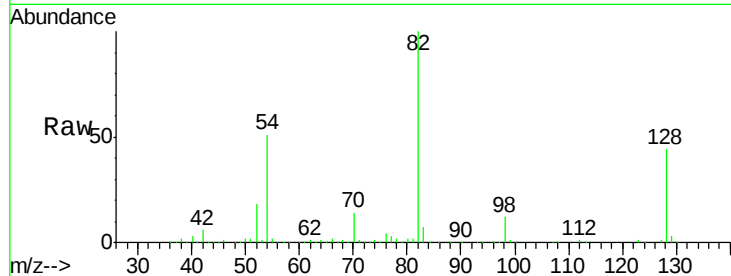




#23
 Nitrobenzene-d5
 Concen: 91.008 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

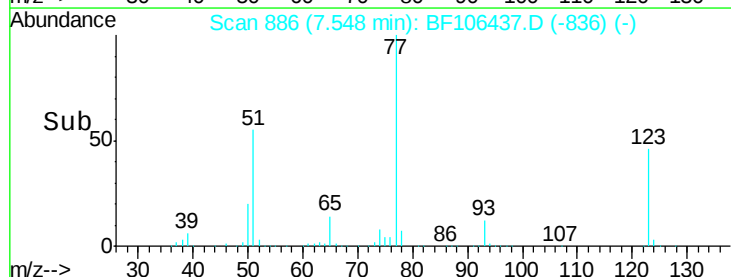
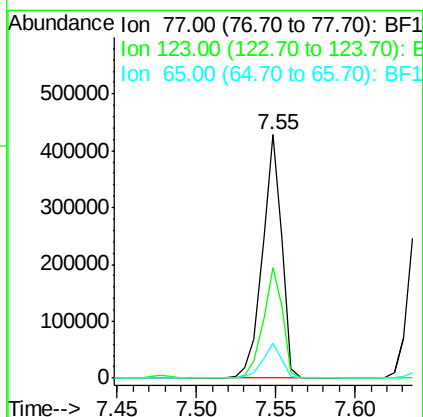
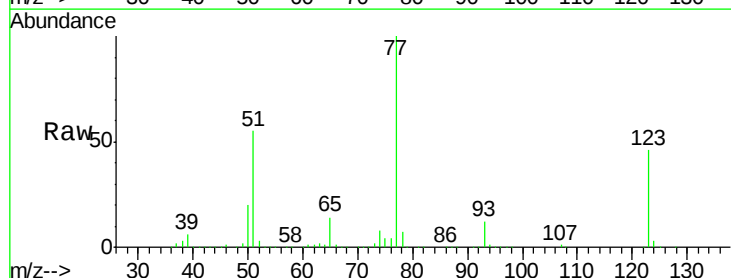
Instrument :
 BNA_F
 ClientSampleId :

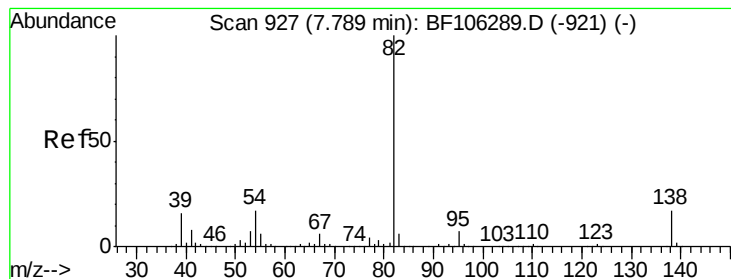
Tot Ion: 82 Resp: 736725
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 51.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.364 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion: 77 Resp: 363946
 Ion Ratio Lower Upper
 77 100
 123 45.5 37.9 56.9
 65 14.2 11.0 16.4





#25

Isophorone

Concen: 41.360 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

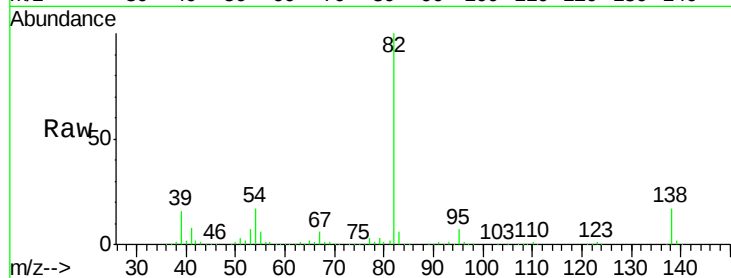
Tot Ion: 82 Resp: 653979

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

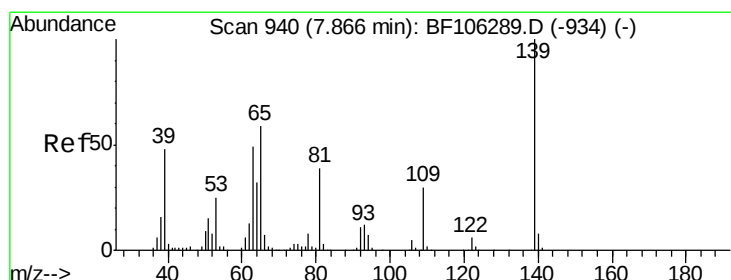
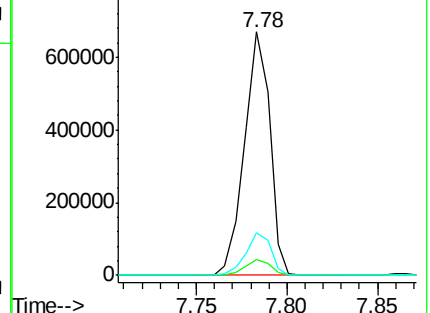
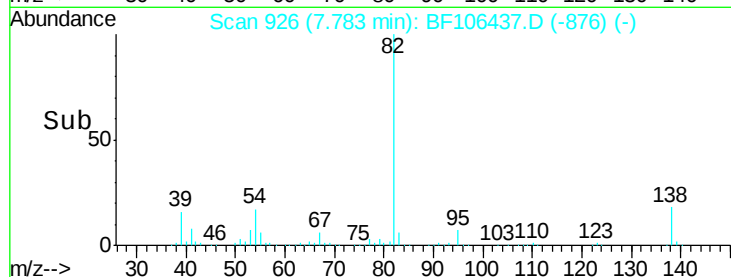
138 17.4 14.9 22.3



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: 52.993 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

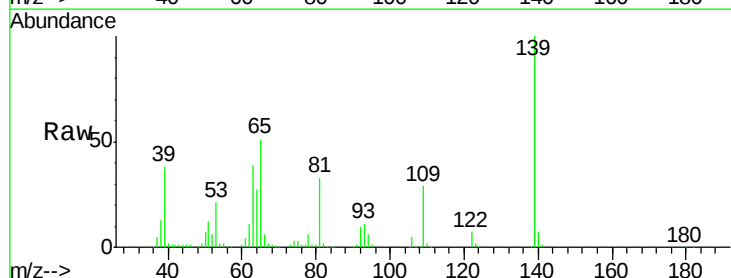
Tgt Ion: 139 Resp: 180982

Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

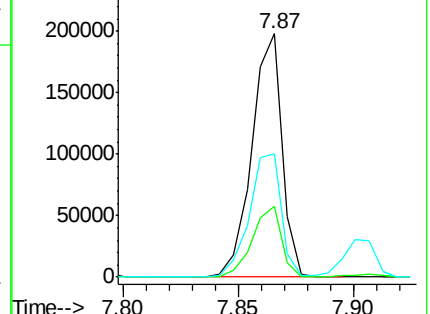
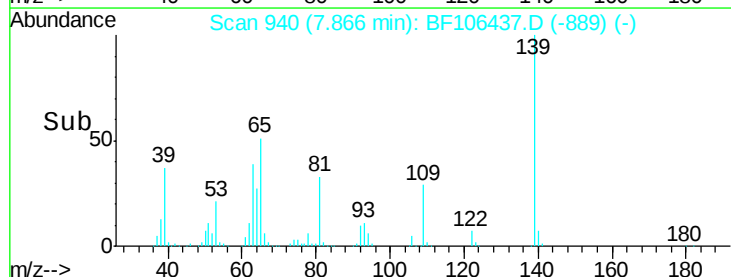
65 50.5 40.5 60.7

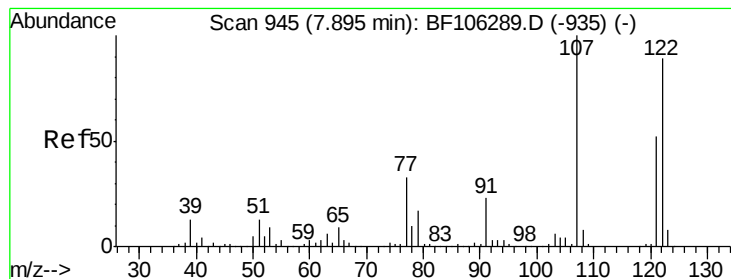


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

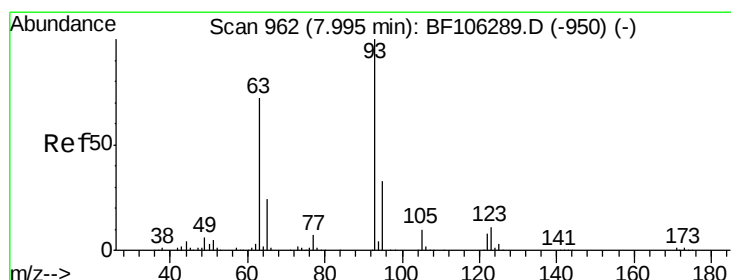
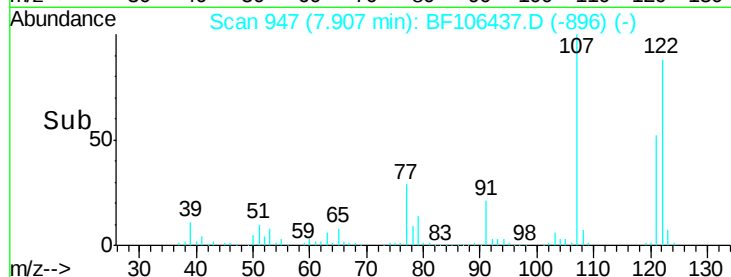
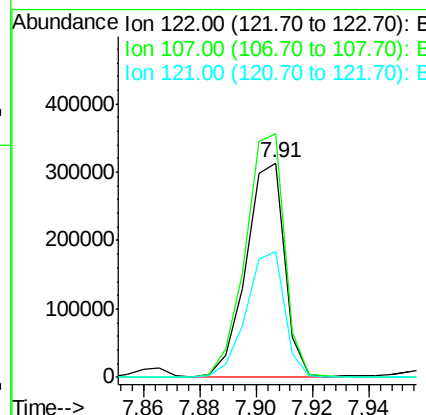
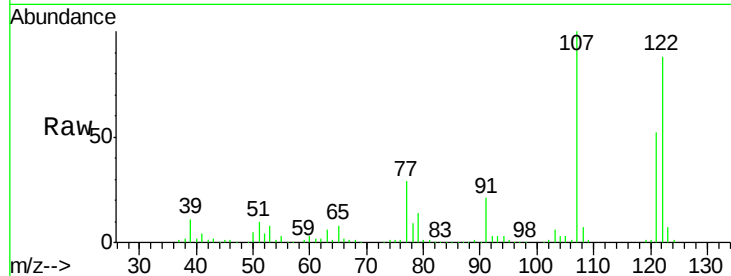




#27
 2,4-Dimethylphenol
 Concen: 44.318 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

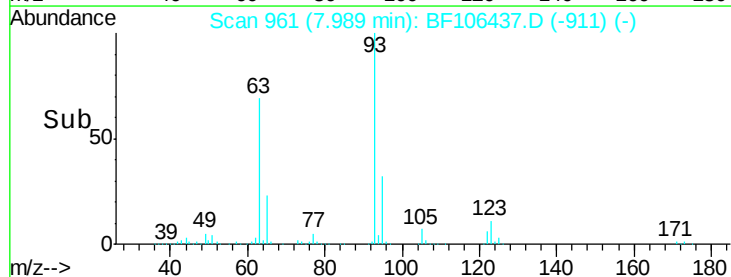
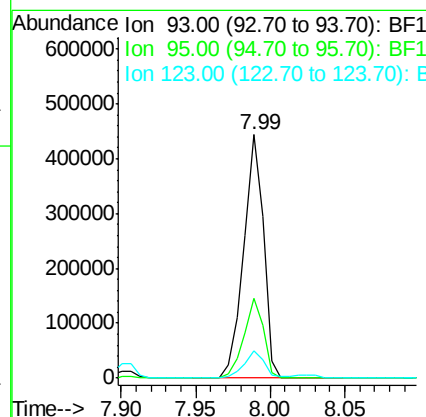
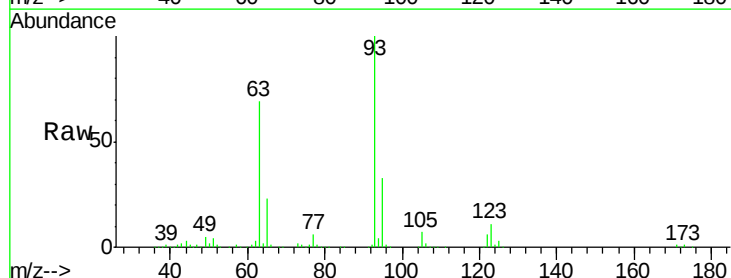
Instrument :
 BNA_F
 ClientSampled :

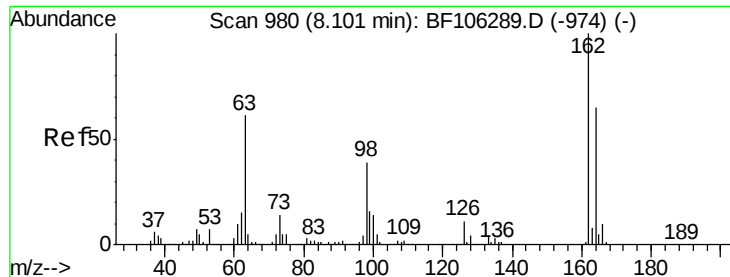
Tot Ion:122 Resp: 296659
 Ion Ratio Lower Upper
 122 100
 107 113.7 91.2 136.8
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.310 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion: 93 Resp: 413282
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.1 9.8 14.6

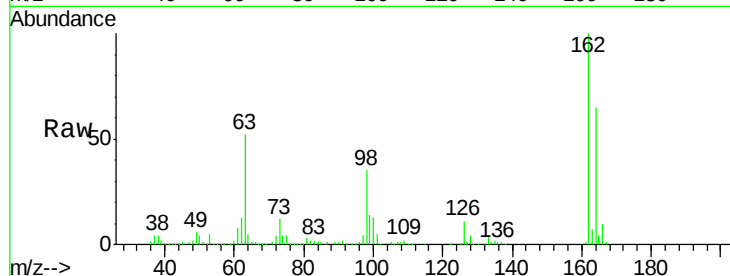




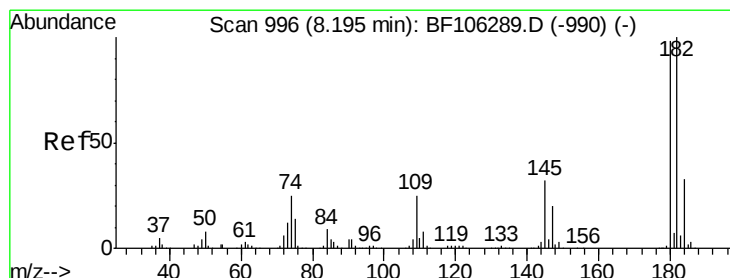
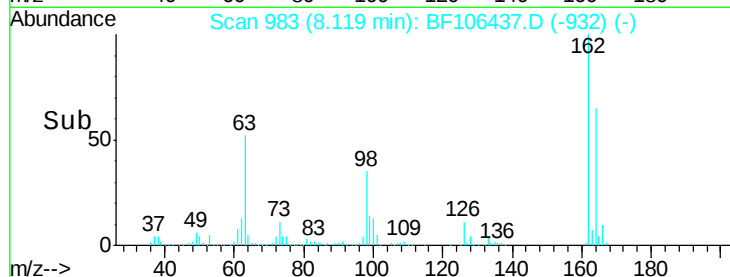
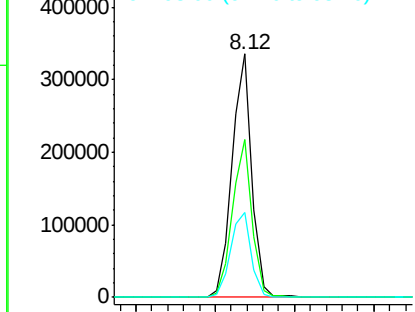
#29
2,4-Dichlorophenol
Concen: 44.702 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 288678
Ion Ratio Lower Upper
162 100
164 64.6 42.7 82.7
98 34.7 18.1 58.1

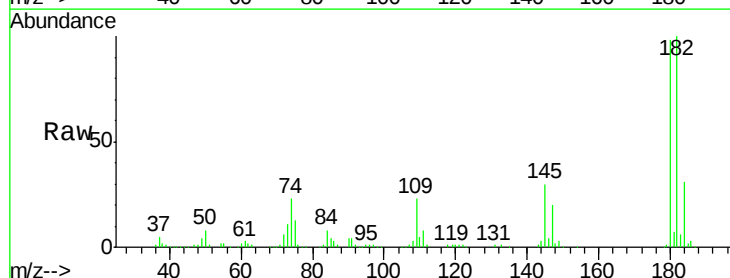


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

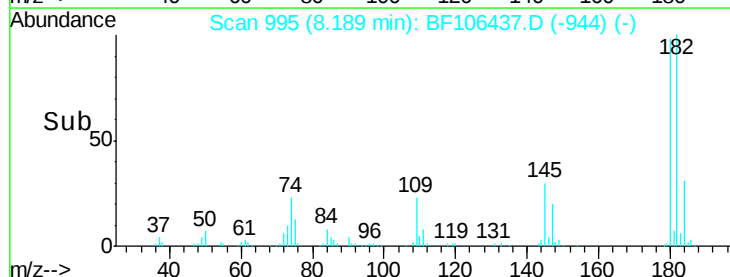
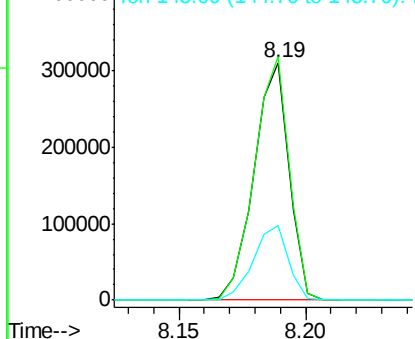


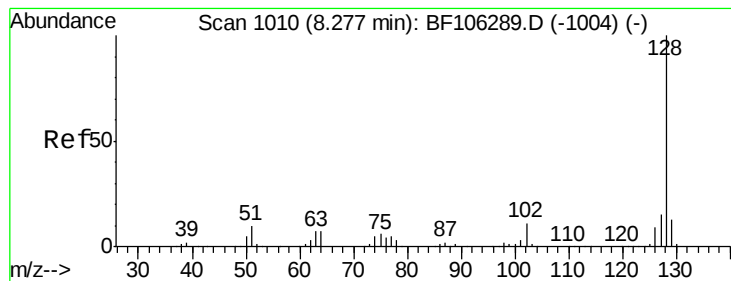
#30
1,2,4-Trichlorobenzene
Concen: 41.495 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:180 Resp: 300459
Ion Ratio Lower Upper
180 100
182 102.5 76.8 115.2
145 31.2 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: 42.443 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampled :

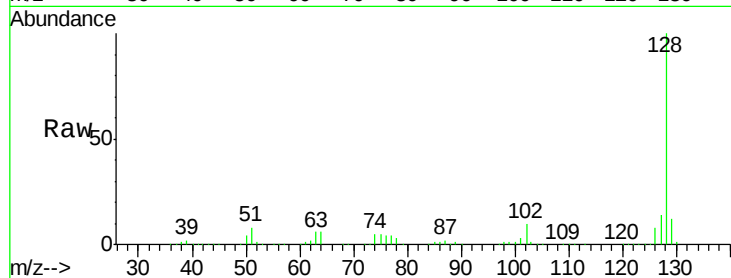
Tot Ion:128 Resp: 913707

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

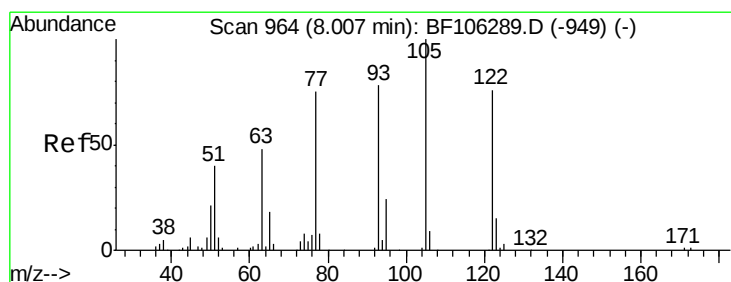
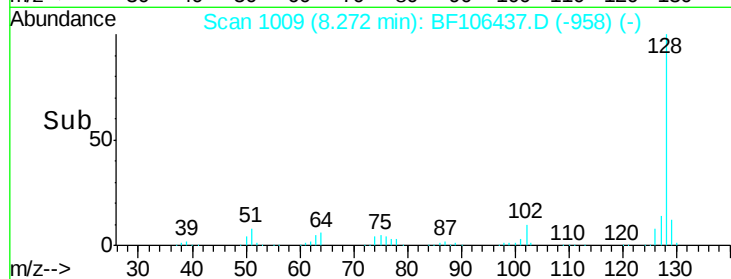
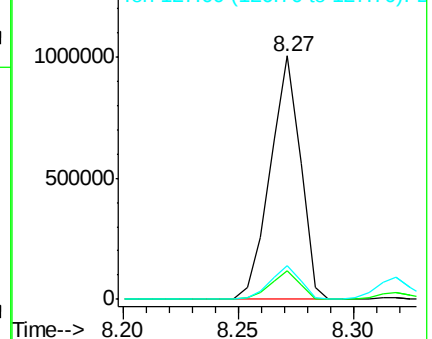
127 14.0 10.9 16.3



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: 36.091 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

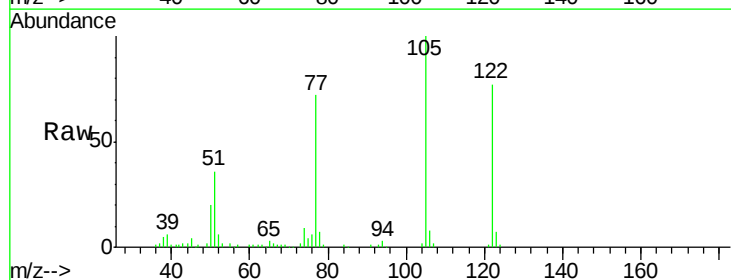
Tgt Ion:122 Resp: 167657

Ion Ratio Lower Upper

122 100

105 129.2 101.1 141.1

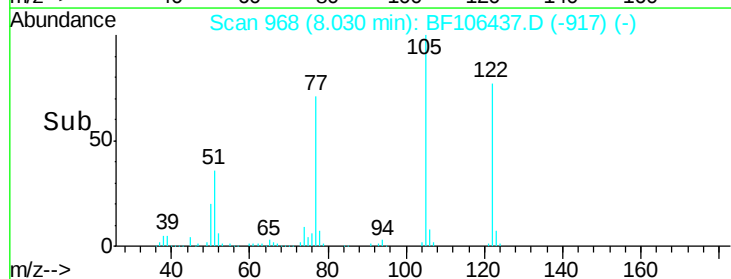
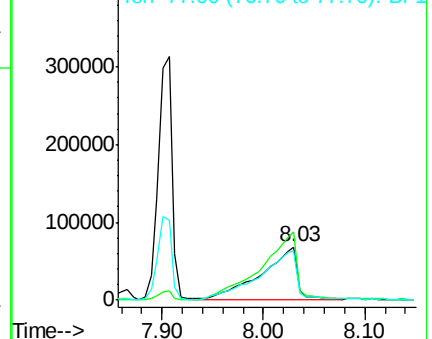
77 92.9 70.7 110.7

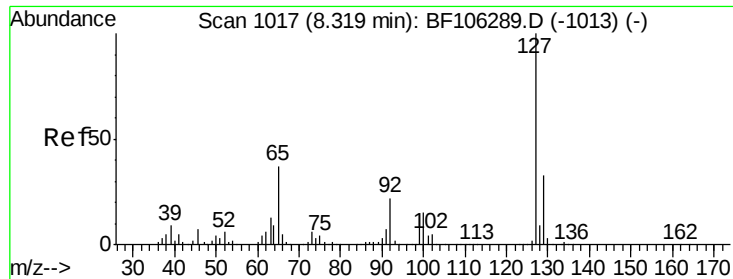


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

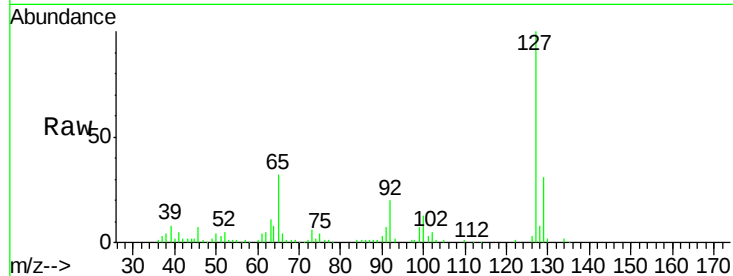




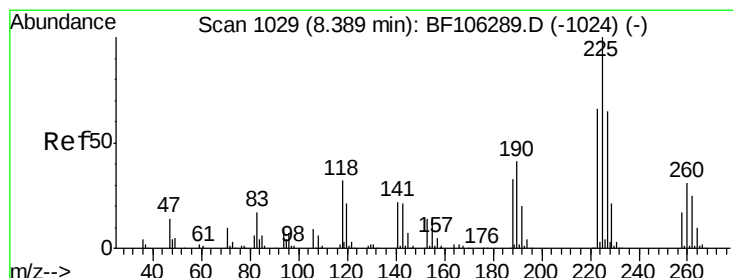
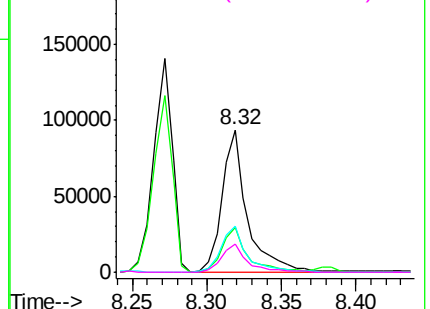
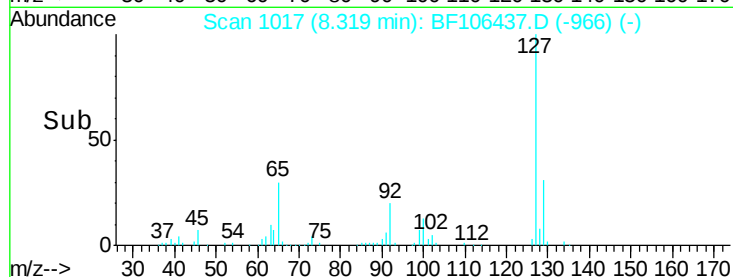
#33
4-Chloroaniline
Concen: 11.536 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	110053
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	32.2	25.0	37.4
92	19.6	15.2	22.8

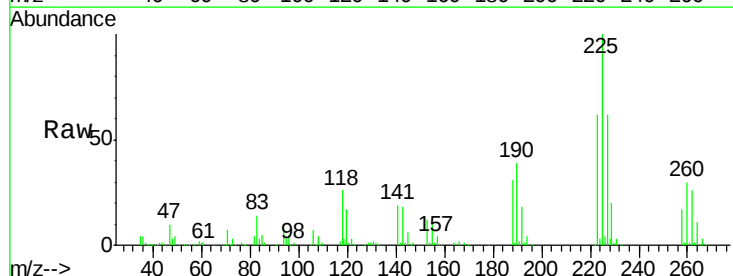


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

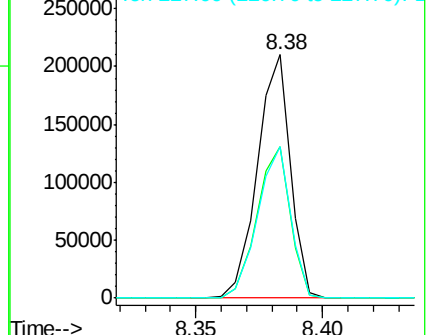
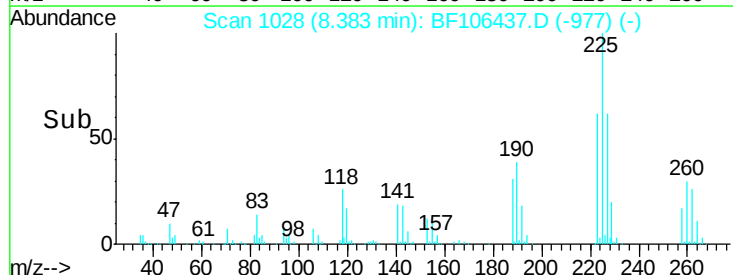


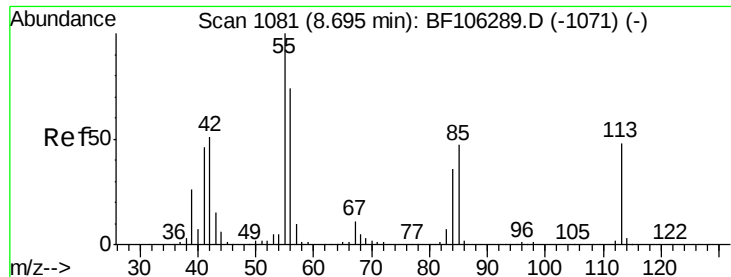
#34
Hexachlorobutadiene
Concen: 41.055 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:	225	Resp:	190983
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	62.3	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

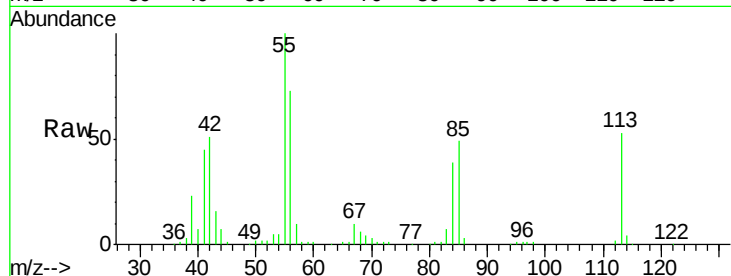




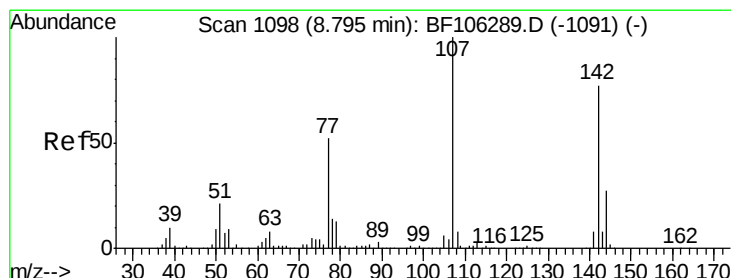
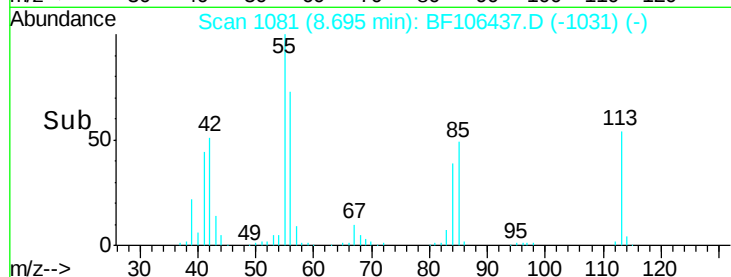
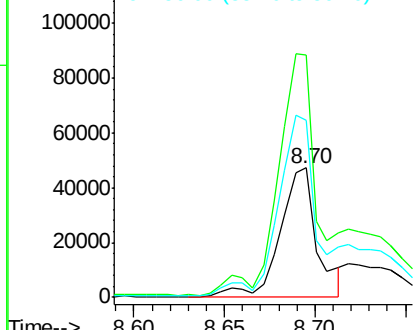
#35
 Caprolactam
 Concen: 30.785 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 67245
 Ion Ratio Lower Upper
 113 100
 55 187.6 163.3 203.3
 56 136.7 115.7 155.7

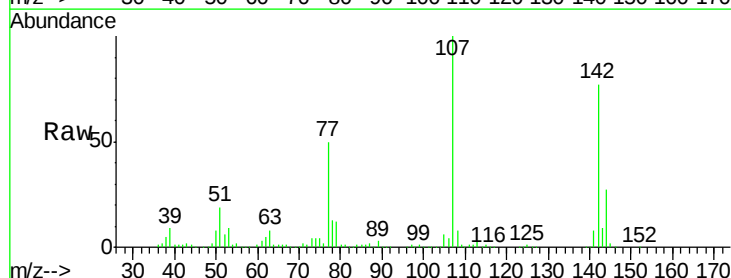


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

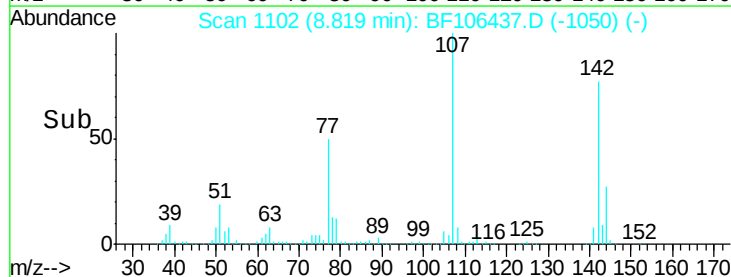
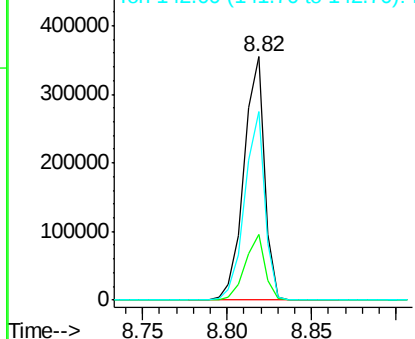


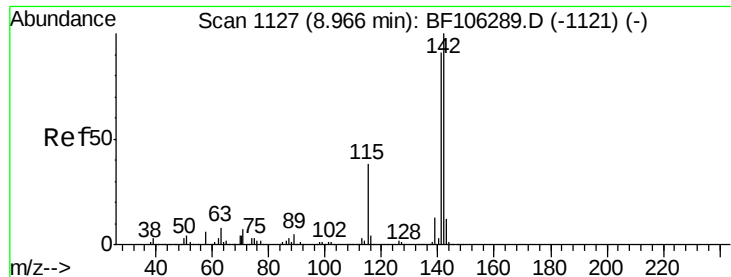
#36
 4-Chloro-3-methylphenol
 Concen: 42.457 ng
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:107 Resp: 303290
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 77.5 62.0 93.0



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

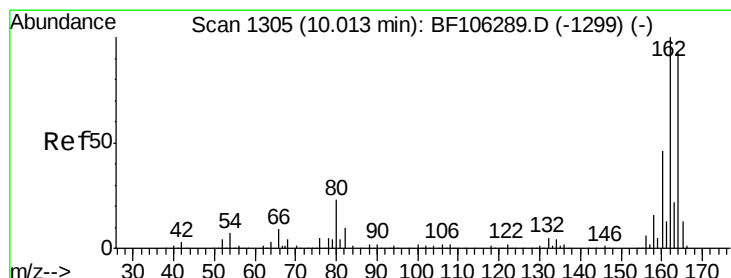
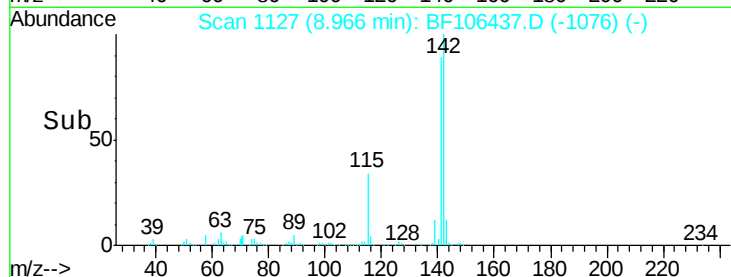
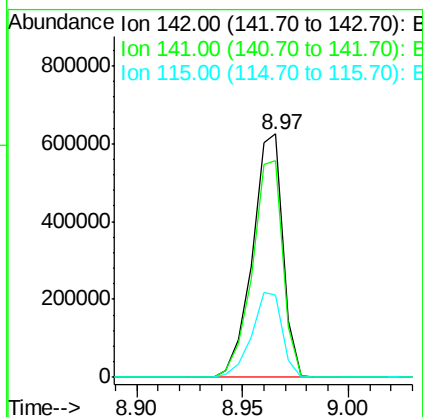
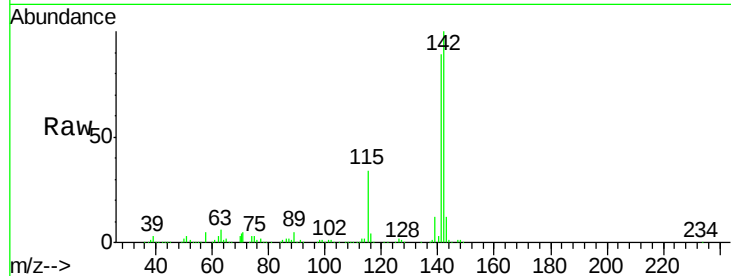




#37
 2-Methylnaphthalene
 Concen: 42.793 ng
 RT: 8.97 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

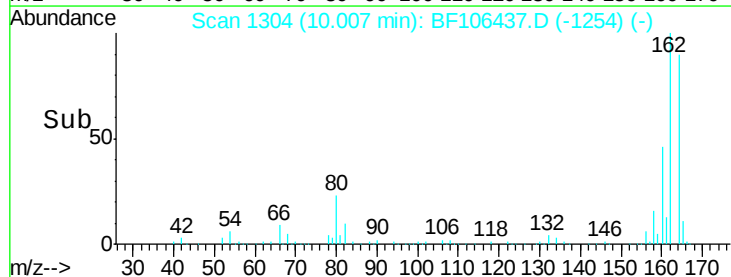
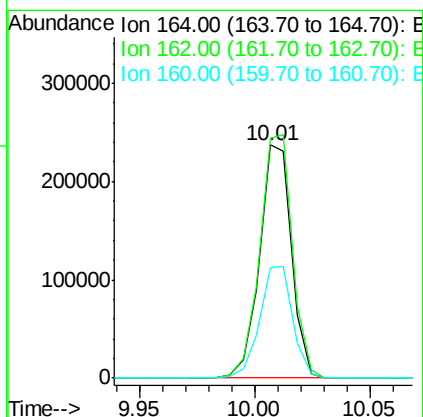
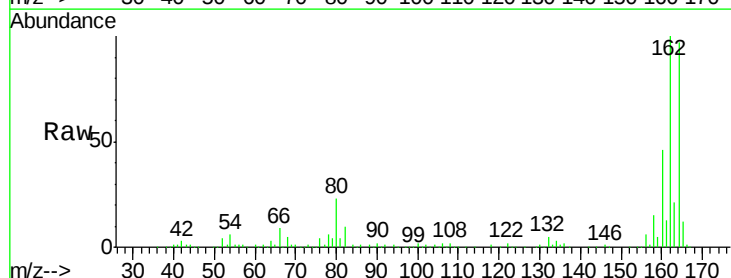
Instrument :
 BNA_F
 ClientSampleId :

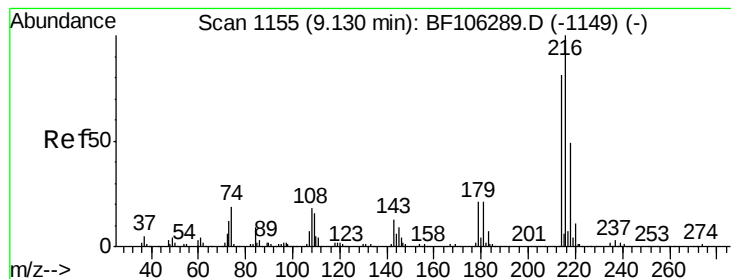
Tot Ion:142 Resp: 627461
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:164 Resp: 229379
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 47.5 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.299 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 314973

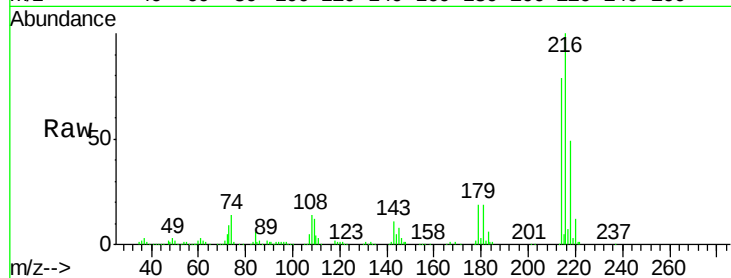
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 19.5 18.1 27.1

108 19.8 17.2 25.8

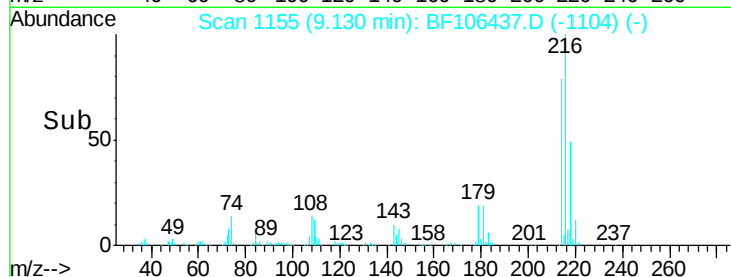


Abundance Ion 216.00 (215.70 to 216.70): E

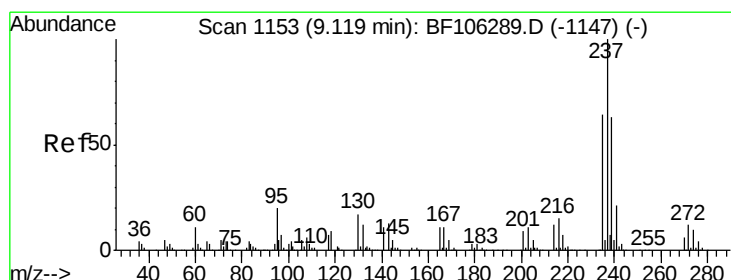
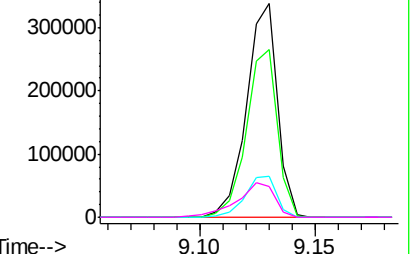
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 95.649 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

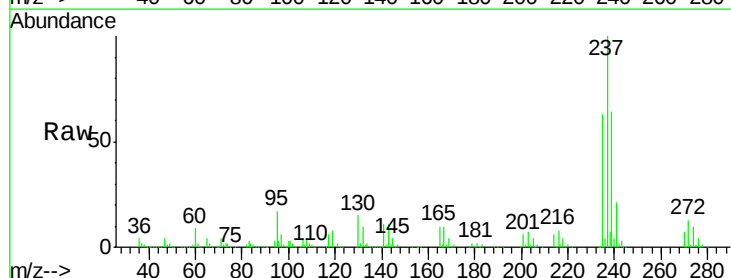
Tgt Ion:237 Resp: 392960

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

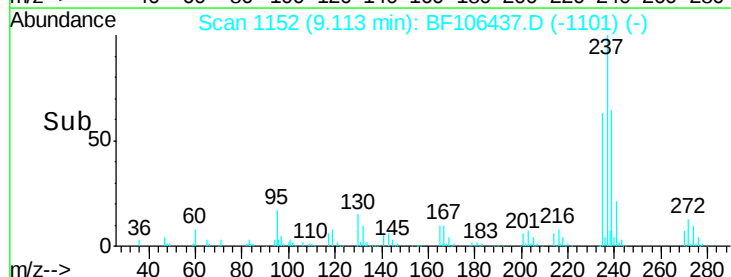
272 12.9 0.0 33.3



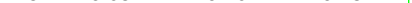
Abundance Ion 236.80 (236.50 to 237.50): E

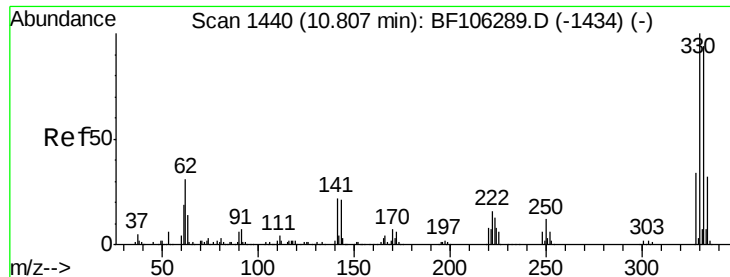
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

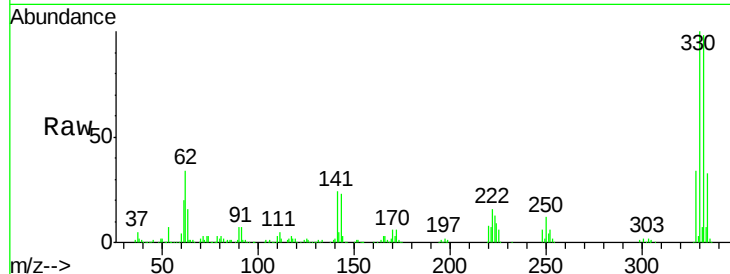




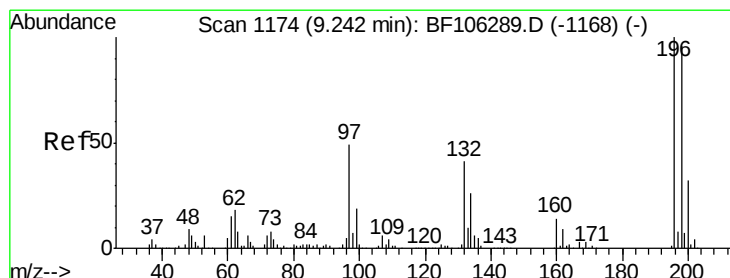
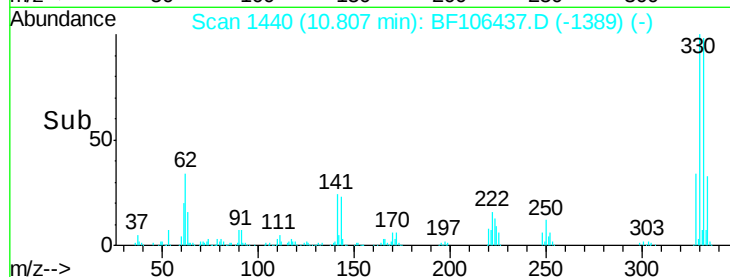
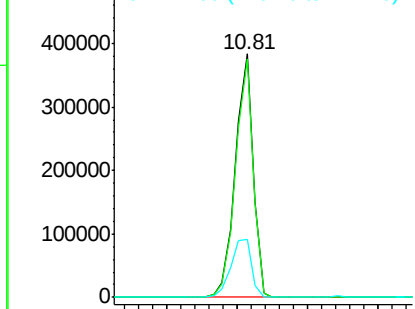
#41
 2,4,6-Tribromophenol
 Concen: 152.859 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	27.7	29.9	44.9#

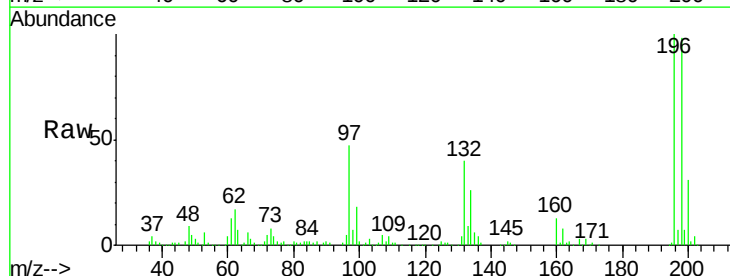


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

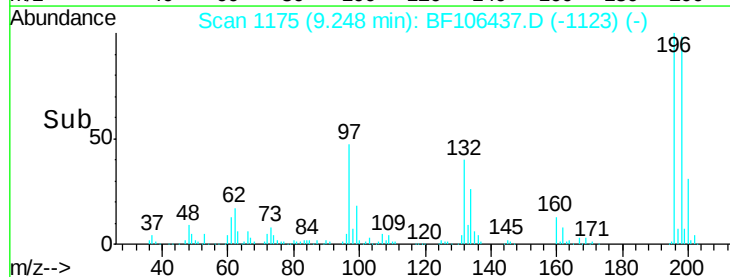
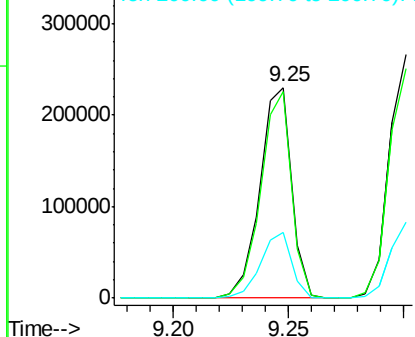


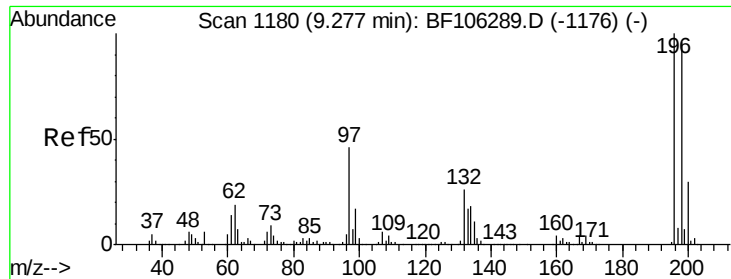
#42
 2,4,6-Trichlorophenol
 Concen: 46.717 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.7	113.5
200	31.4	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

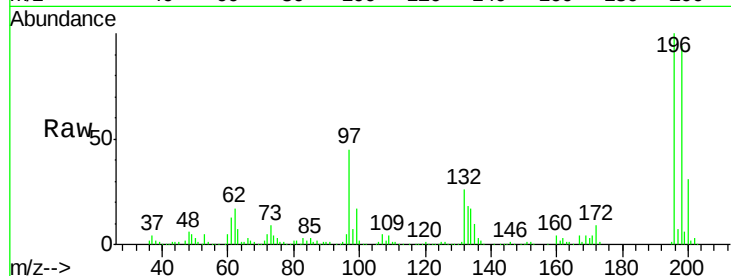




#43
 2,4,5-Trichlorophenol
 Concen: 44.091 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	44.5	42.9	64.3
132	26.3	26.3	39.5



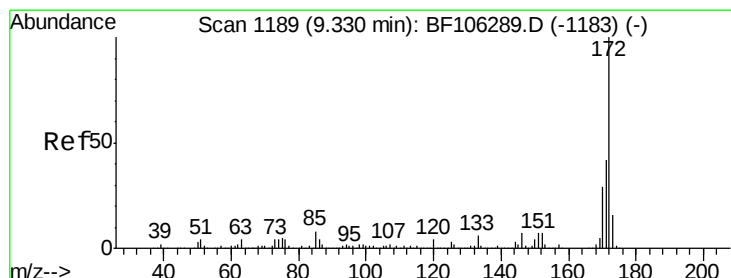
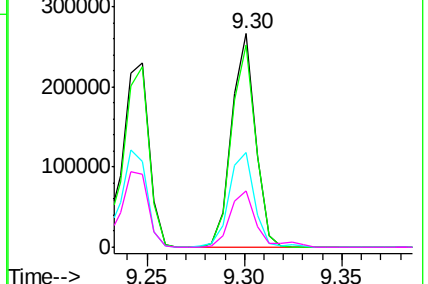
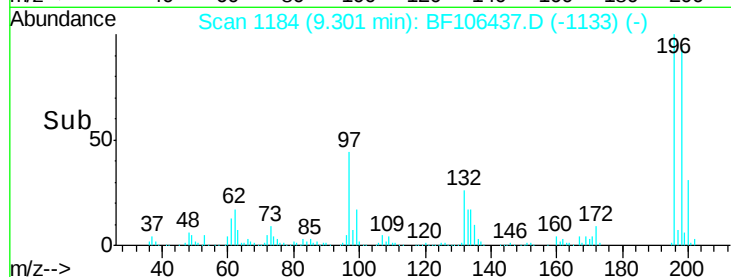
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

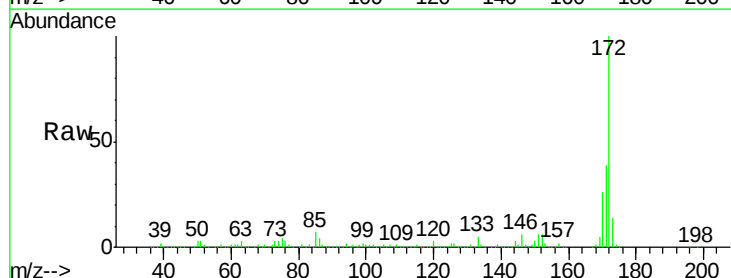
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.068 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	26.1	19.6	29.4

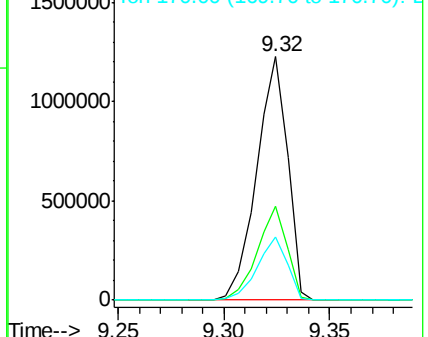
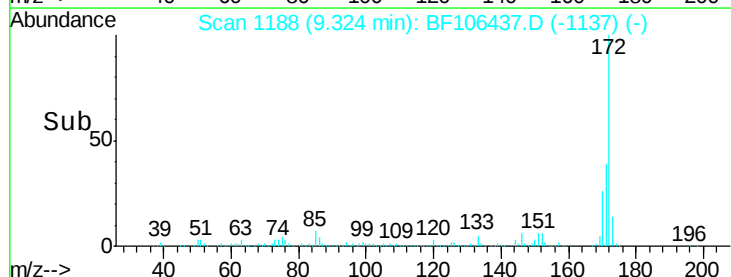


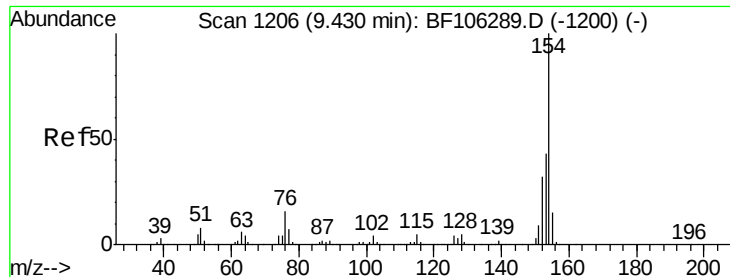
Abundance

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

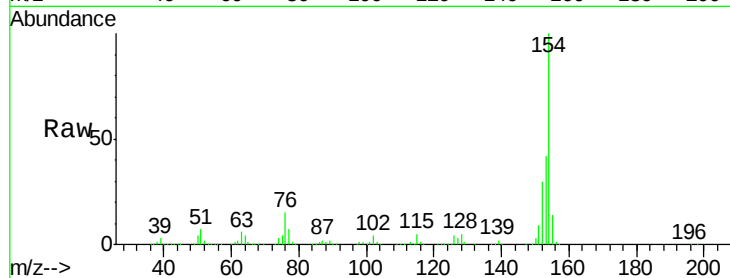




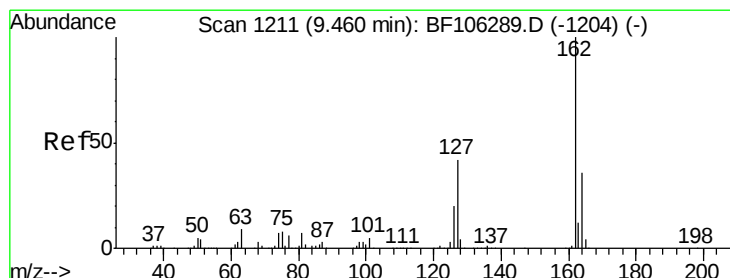
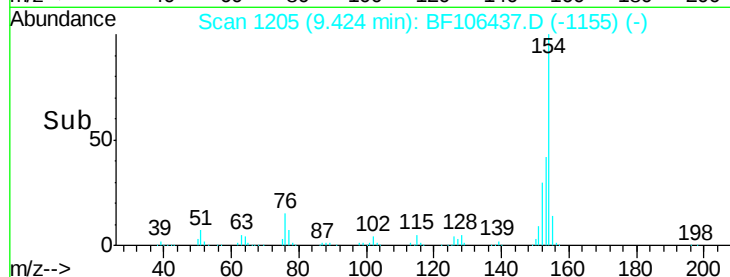
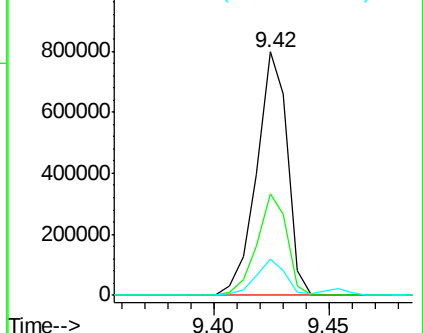
#45
 1,1'-Biphenyl
 Concen: 41.521 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 737692
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 14.8 0.0 34.0

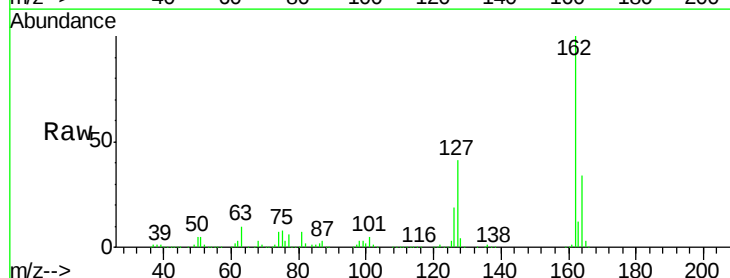


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

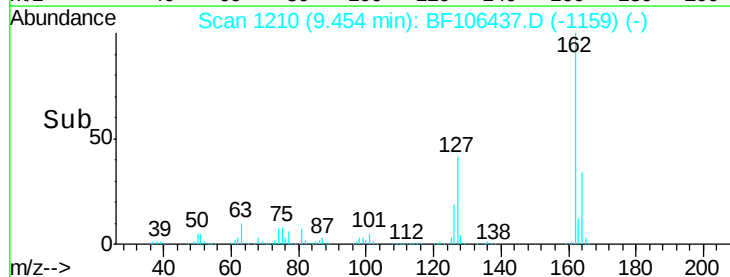
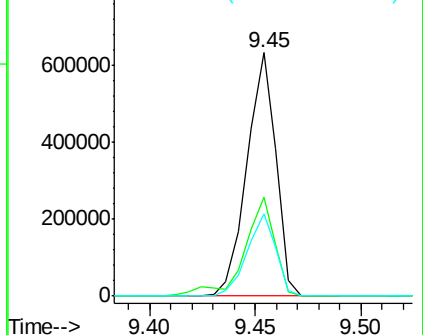


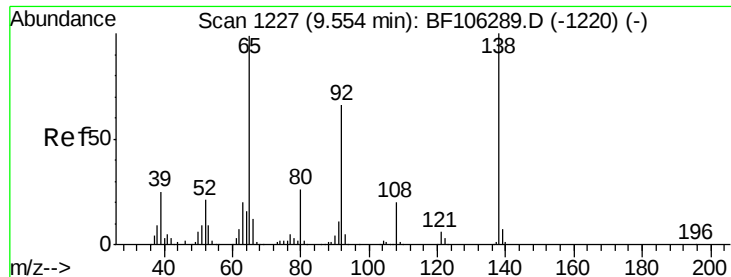
#46
 2-Chloronaphthalene
 Concen: 42.370 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:162 Resp: 602413
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 33.8 26.5 39.7



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

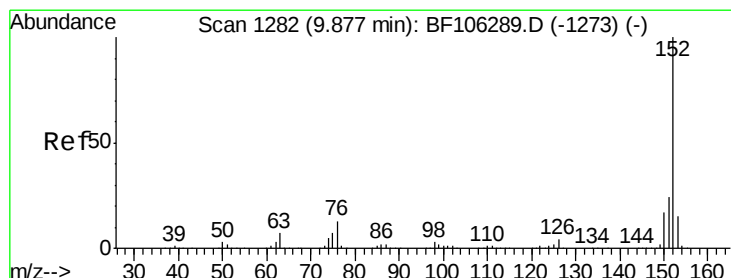
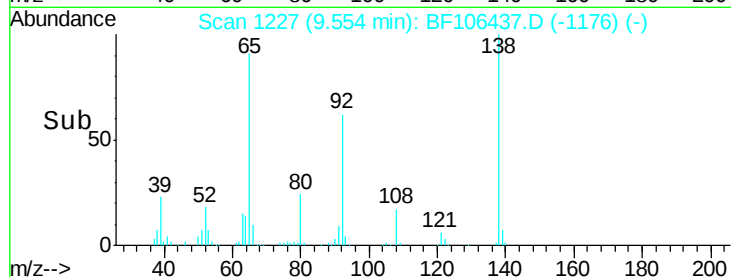
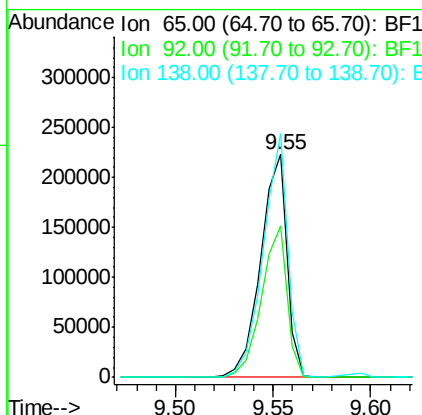
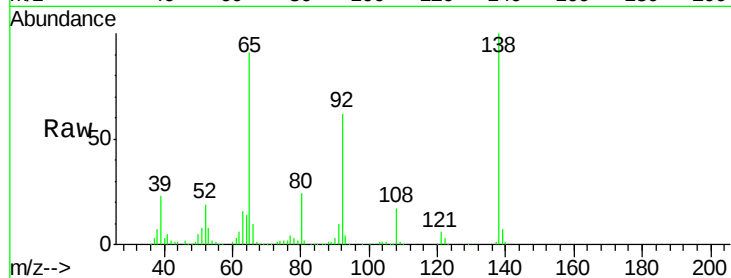




#47
2-Nitroaniline
Concen: 46.620 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

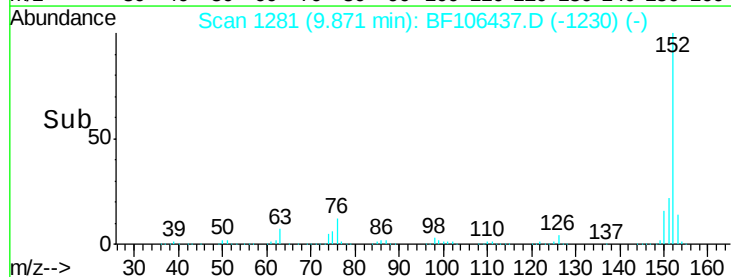
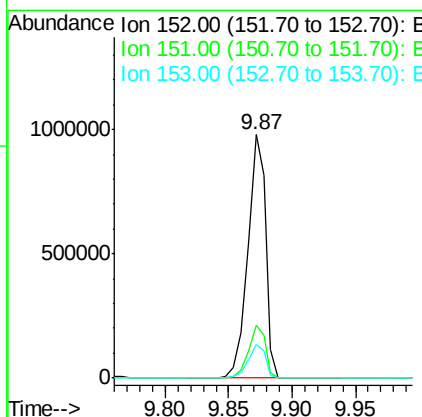
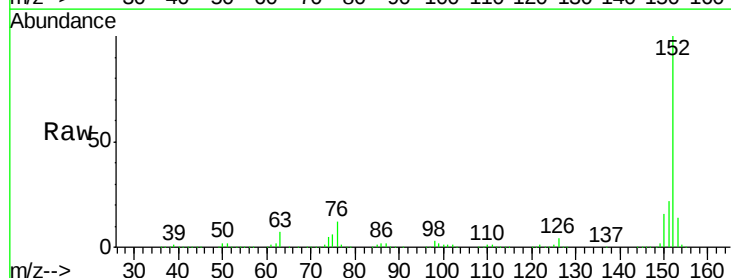
Instrument :
BNA_F
ClientSampleId :

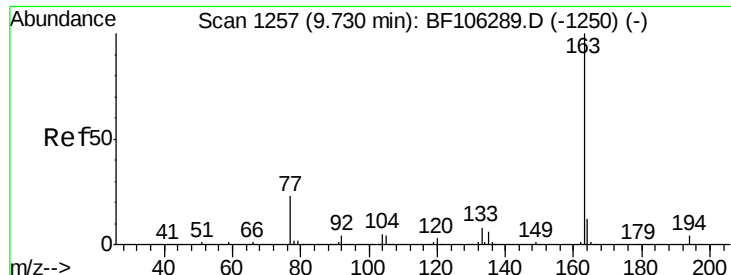
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	55.8	83.6
138	109.4	91.2	136.8



#48
Acenaphthylene
Concen: 43.759 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.3	24.5
153	14.0	10.7	16.1

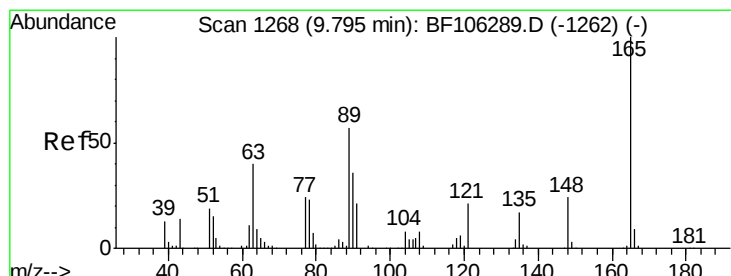
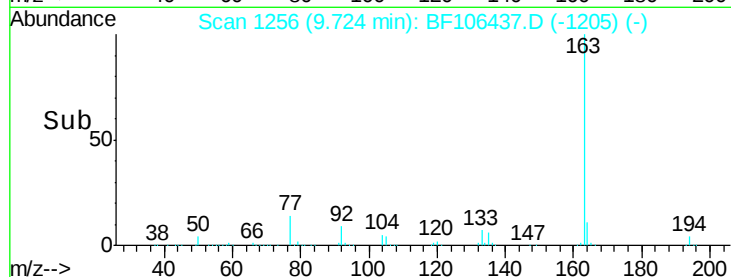
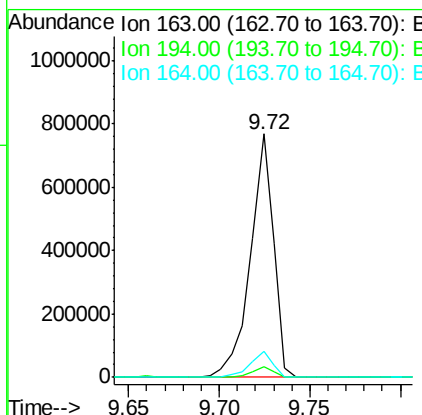
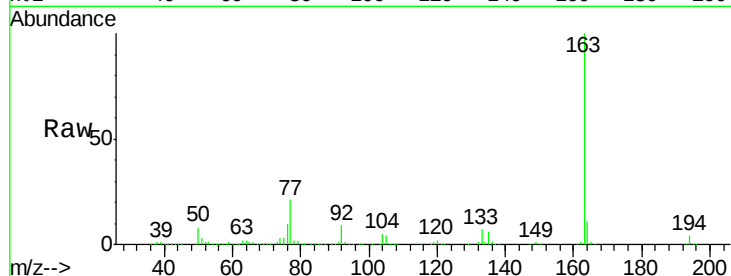




#49
Dimethylphthalate
Concen: 41.536 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

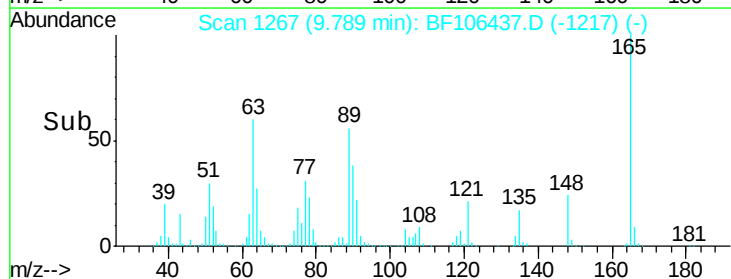
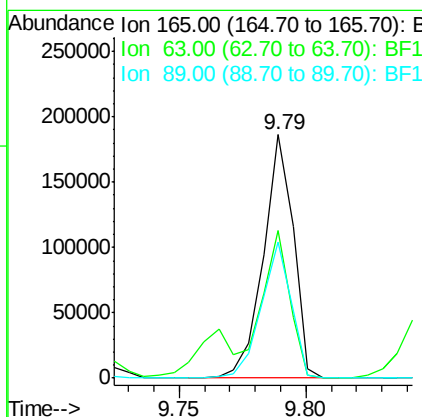
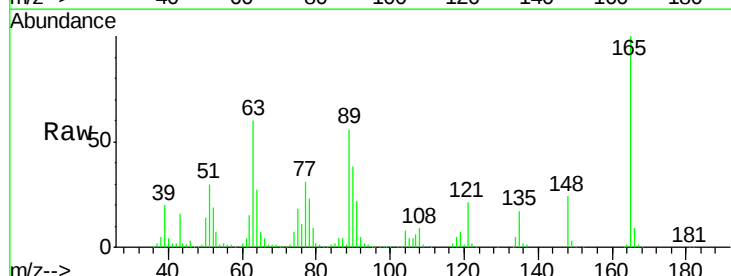
Instrument :
BNA_F
ClientSampleId :

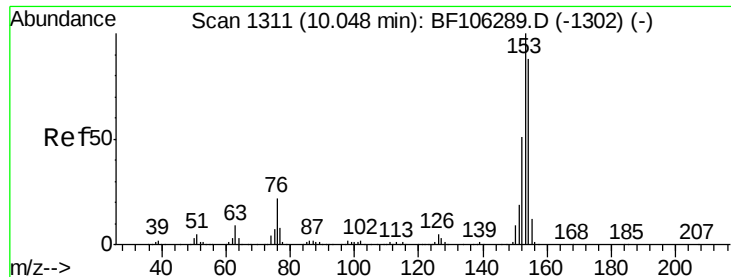
Tot Ion:163 Resp: 680686
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 46.327 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:165 Resp: 155079
Ion Ratio Lower Upper
165 100
63 60.4 44.7 67.1
89 55.7 44.0 66.0





#51

Acenaphthene

Concen: 39.475 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

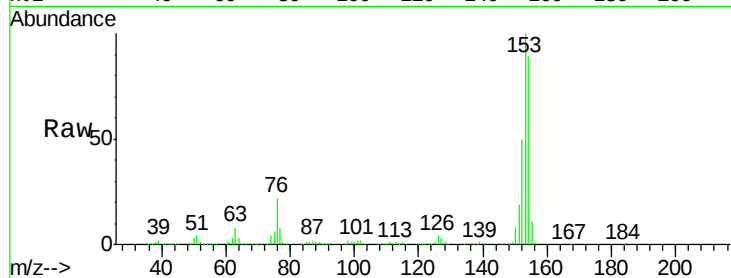
Tot Ion:154 Resp: 554797

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

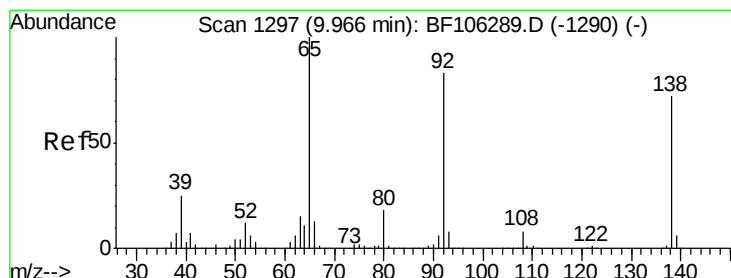
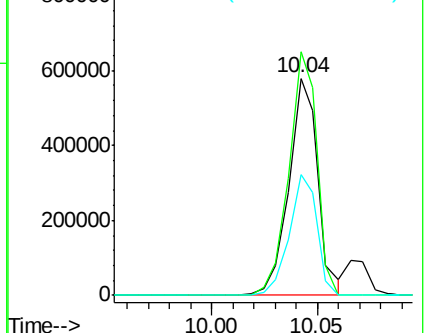
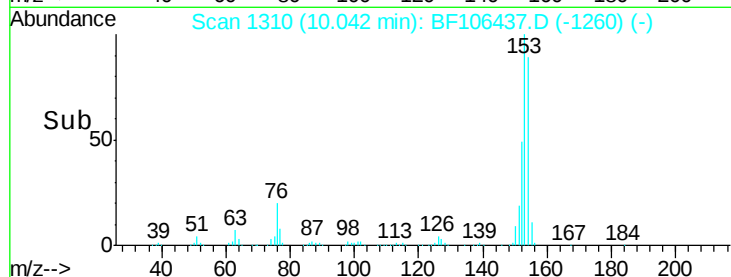
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.285 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

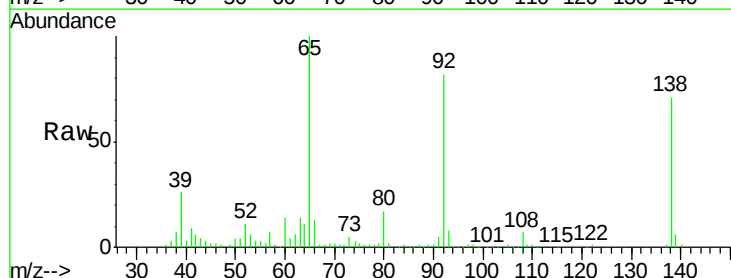
Tgt Ion:138 Resp: 96487

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

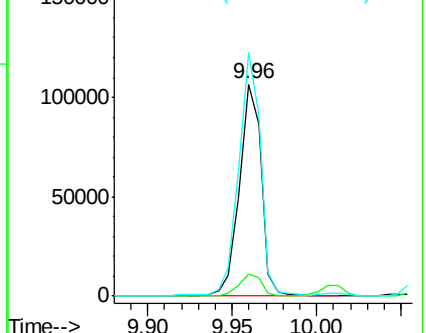
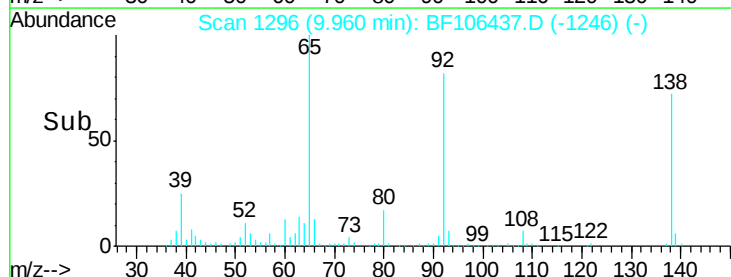
92 114.9 89.4 134.2

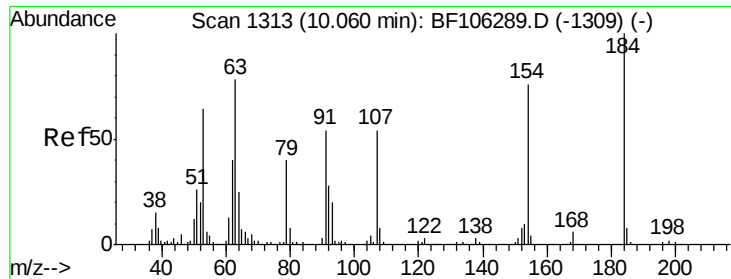


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

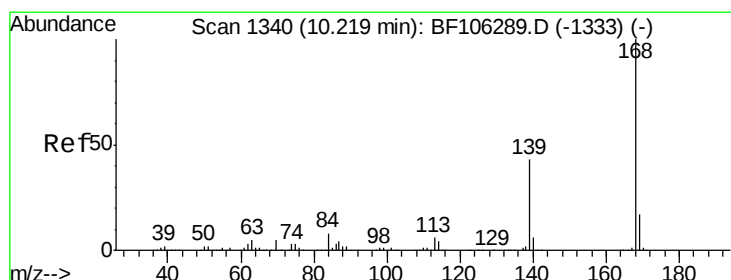
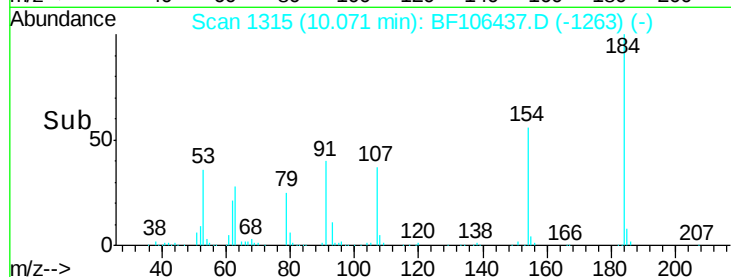
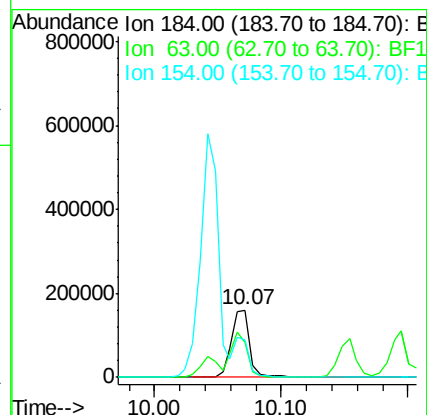
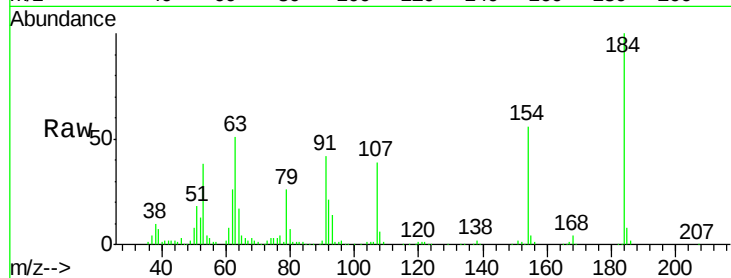




#53
2,4-Dinitrophenol
Concen: 102.792 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

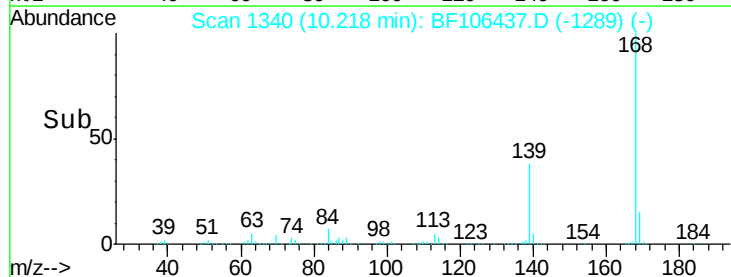
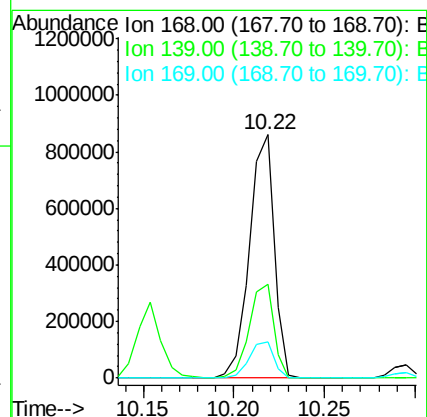
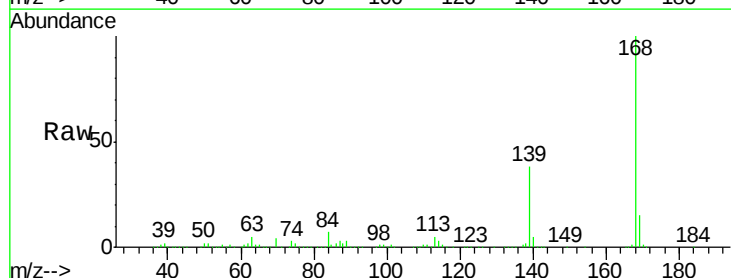
Instrument :
BNA_F
ClientSampled :

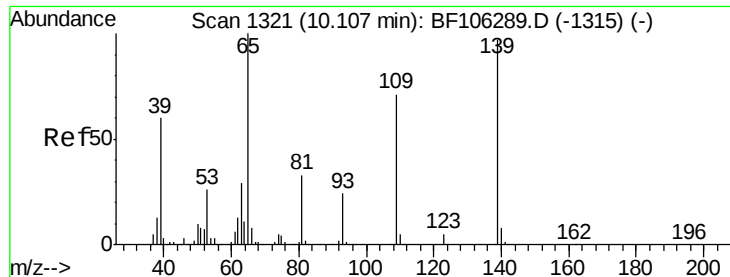
Tot Ion:184 Resp: 162210
Ion Ratio Lower Upper
184 100
63 51.4 54.2 81.2#
154 55.9 184.0 276.0#



#54
Dibenzofuran
Concen: 43.024 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:168 Resp: 814240
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 15.1 10.9 16.3

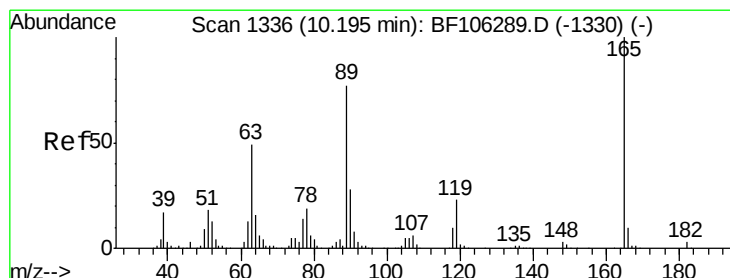
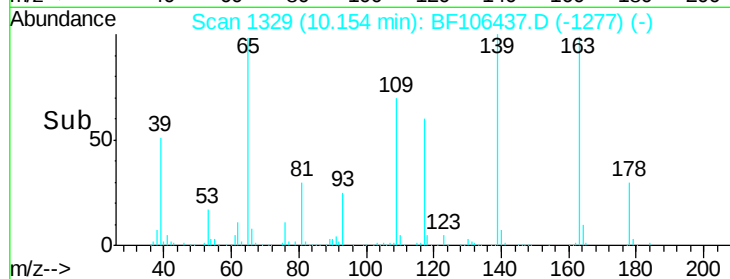
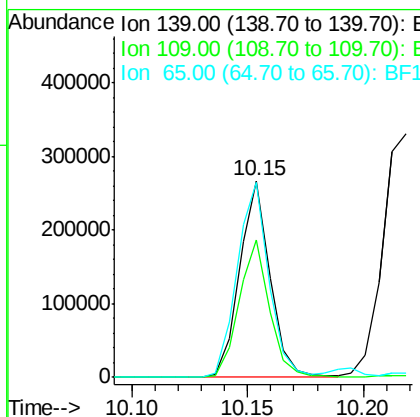
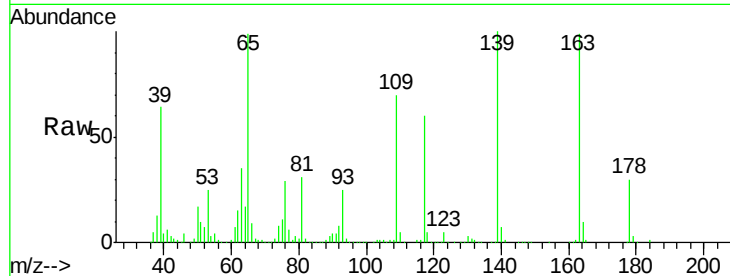




#55
4-Nitrophenol
Concen: 80.692 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

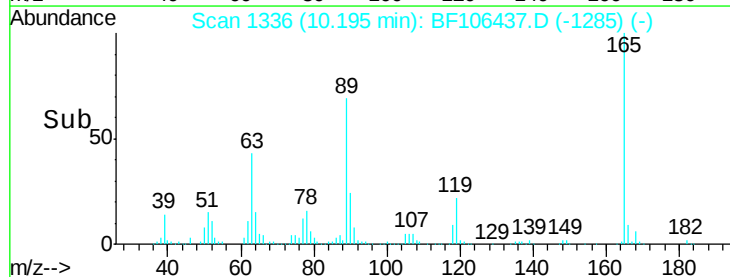
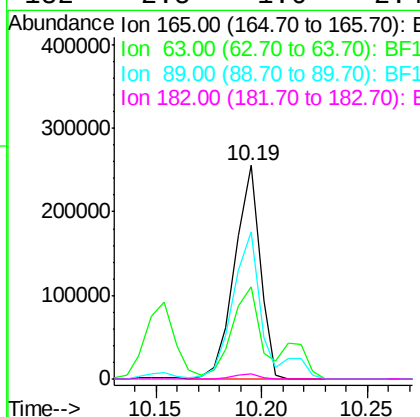
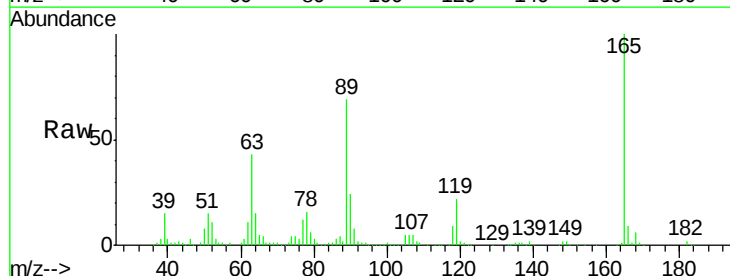
Instrument :
BNA_F
ClientSampleId :

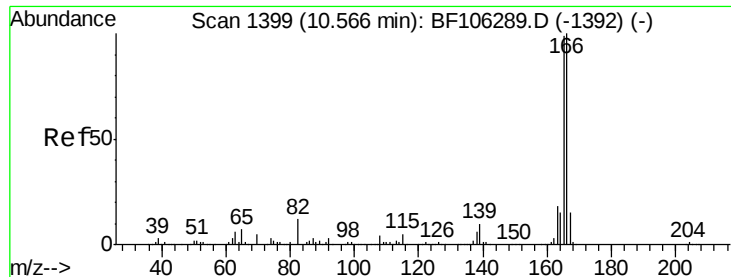
Tot Ion:139 Resp: 245736
Ion Ratio Lower Upper
139 100
109 69.7 48.4 88.4
65 99.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.595 ng
RT: 10.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:165 Resp: 212683
Ion Ratio Lower Upper
165 100
63 43.5 36.4 54.6
89 69.2 57.8 86.6
182 2.5 1.6 2.4#

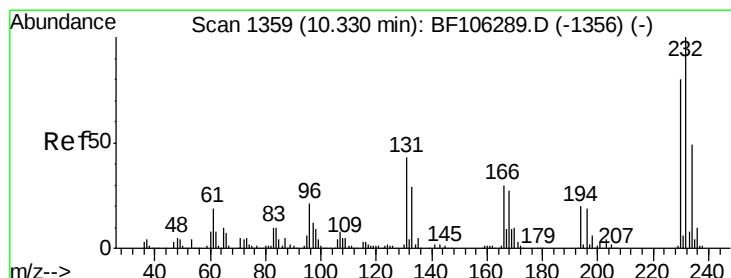
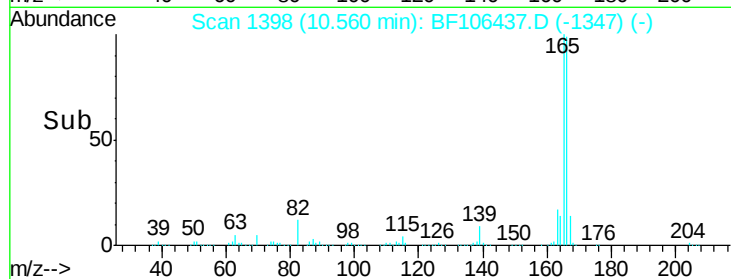
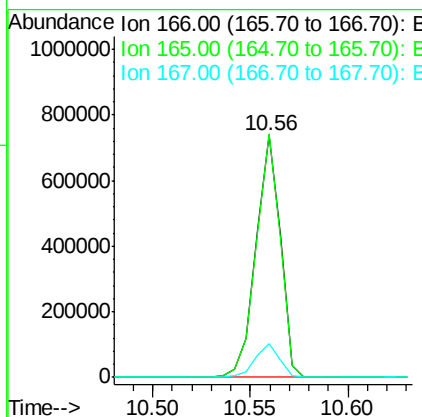
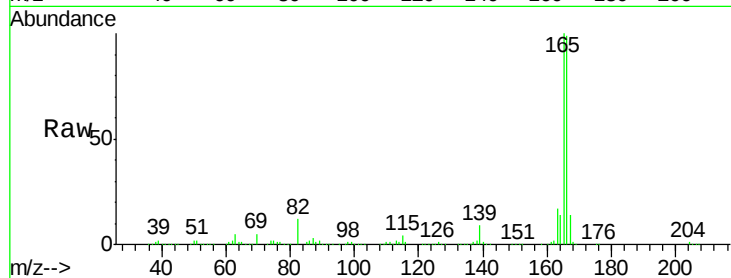




#57
 Fluorene
 Concen: 42.442 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

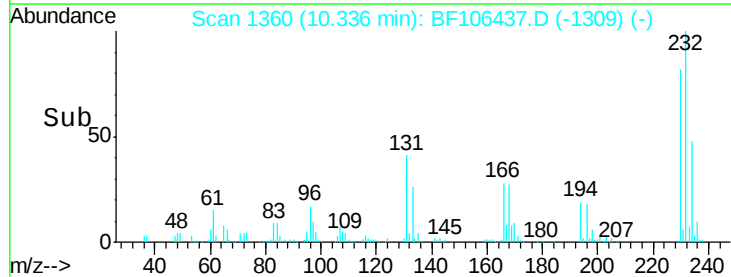
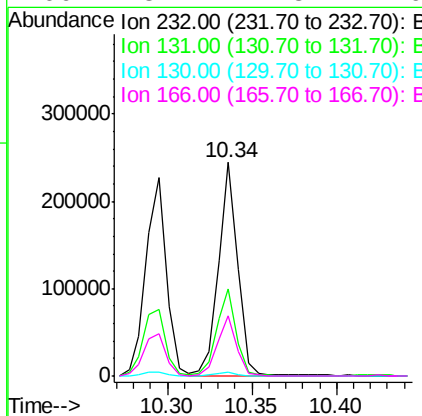
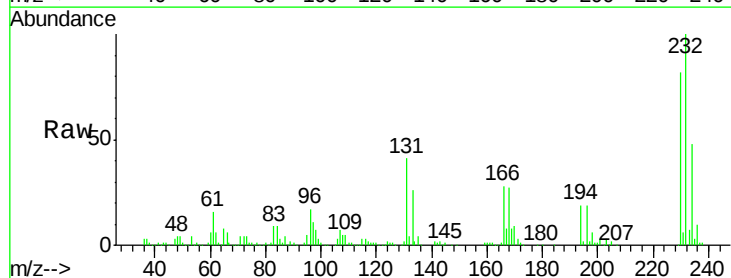
Instrument :
 BNA_F
 ClientSampleId :

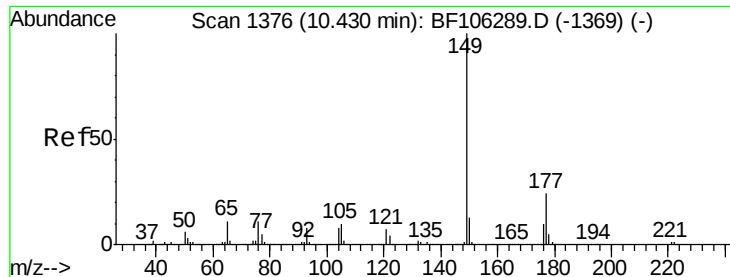
Tot Ion:166 Resp: 636388
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.080 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:232 Resp: 194943
 Ion Ratio Lower Upper
 232 100
 131 40.9 43.8 65.8#
 130 2.0 2.1 3.1#
 166 28.4 27.8 41.6

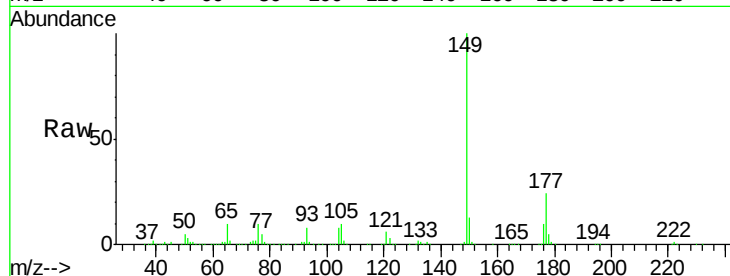




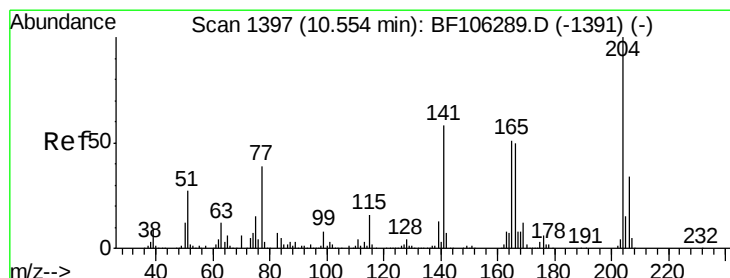
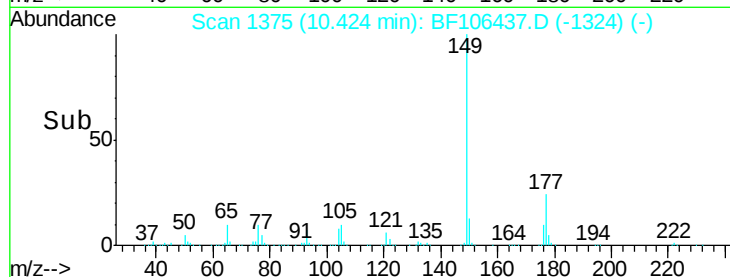
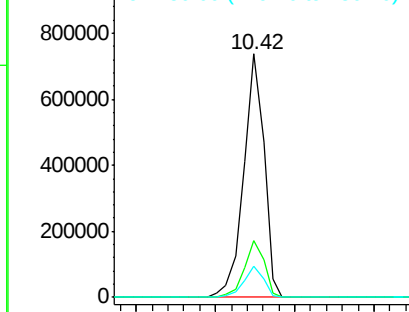
#59
Diethylphthalate
Concen: 40.376 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 656752
Ion Ratio Lower Upper
149 100
177 23.6 16.1 24.1
150 12.8 10.1 15.1

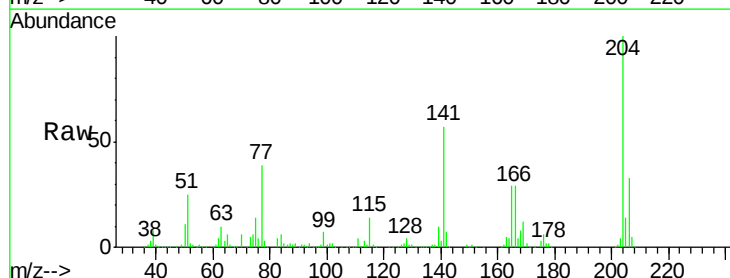


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

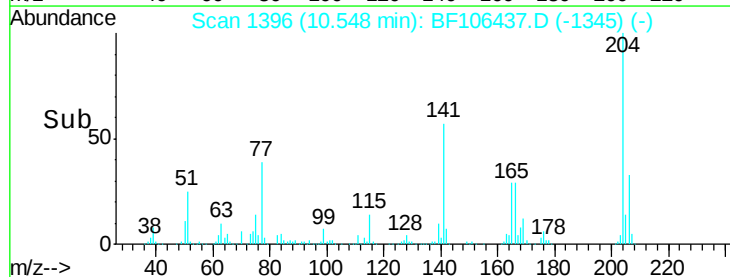
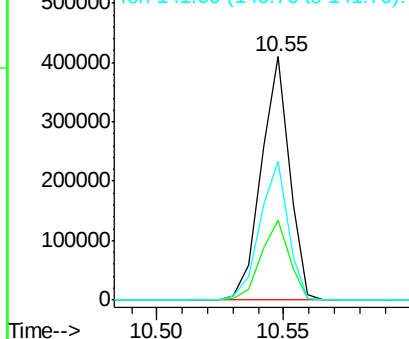


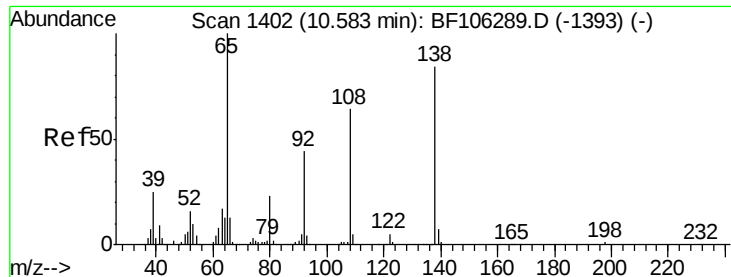
#60
4-Chlorophenyl-phenylether
Concen: 40.600 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:204 Resp: 320196
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 56.8 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

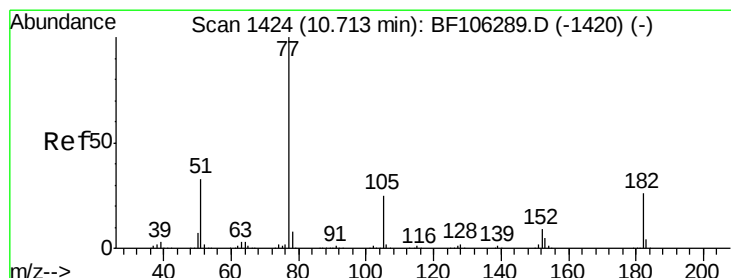
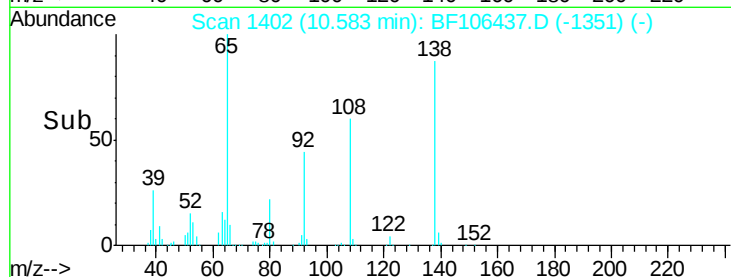
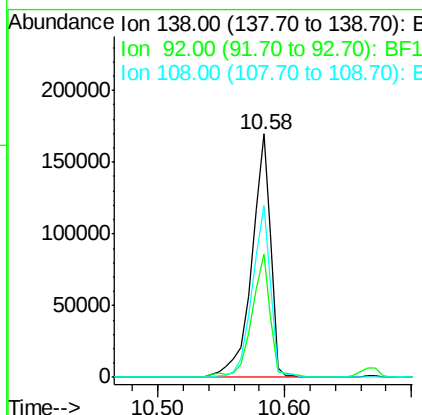
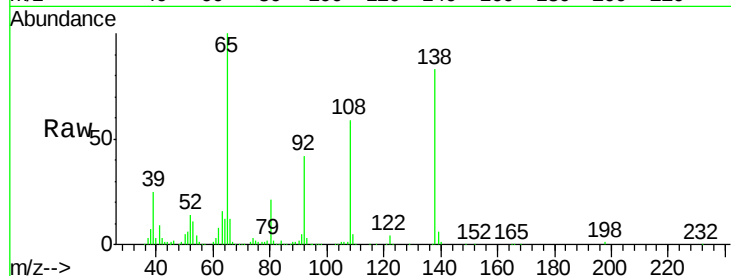




#61
4-Nitroaniline
Concen: 45.879 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

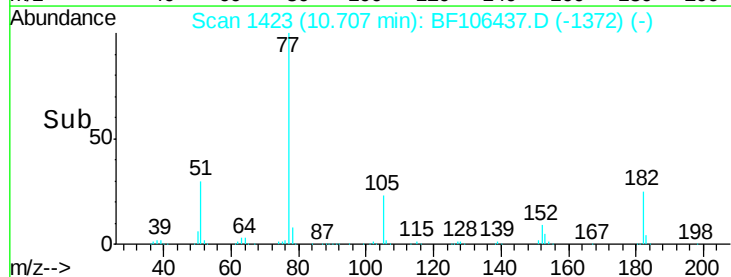
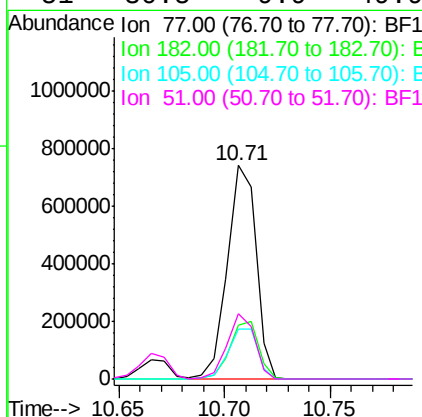
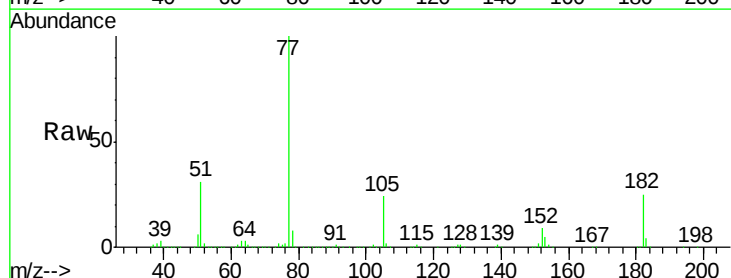
Instrument :
BNA_F
ClientSampleId :

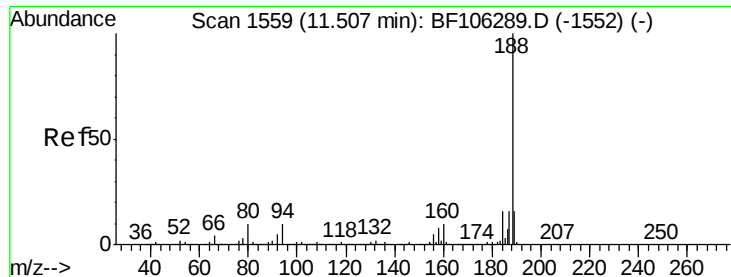
Tot Ion:138 Resp: 177347
Ion Ratio Lower Upper
138 100
92 50.6 30.2 70.2
108 70.7 52.5 92.5



#62
Azobenzene
Concen: 40.848 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion: 77 Resp: 692813
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 23.7 3.0 43.0
51 30.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

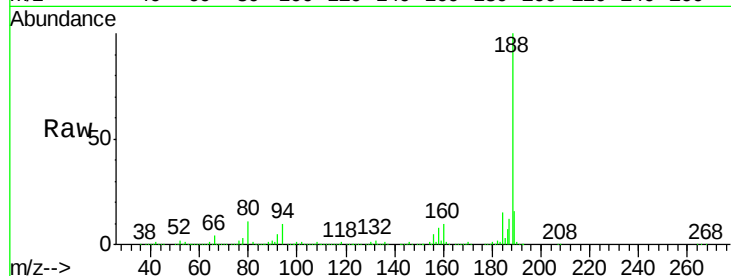
Tot Ion:188 Resp: 466391

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

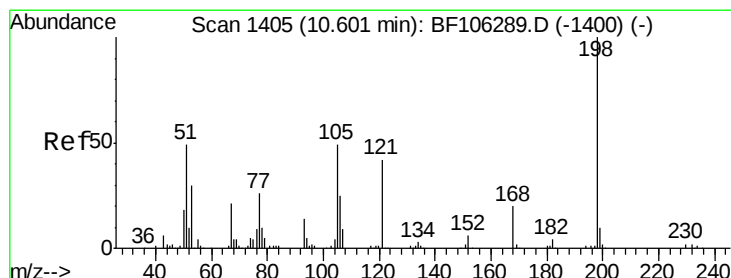
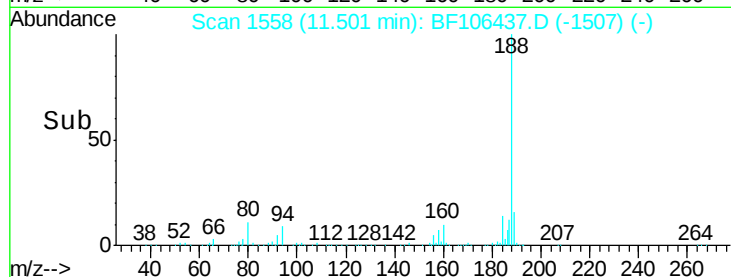
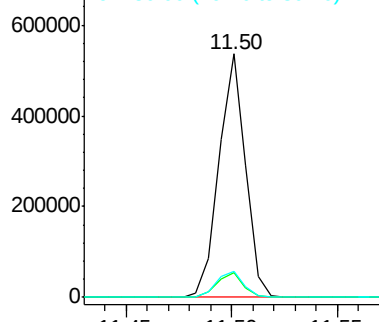
80 10.9 9.2 13.8



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: 46.660 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

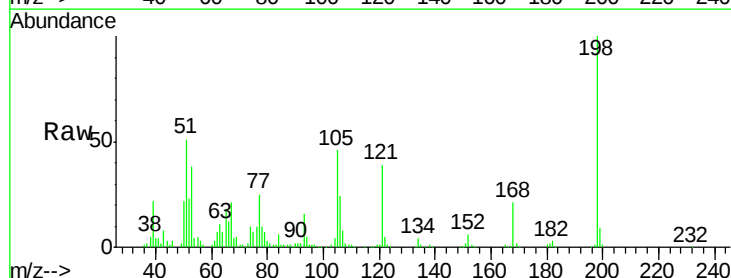
Tgt Ion:198 Resp: 116884

Ion Ratio Lower Upper

198 100

51 50.9 37.7 77.7

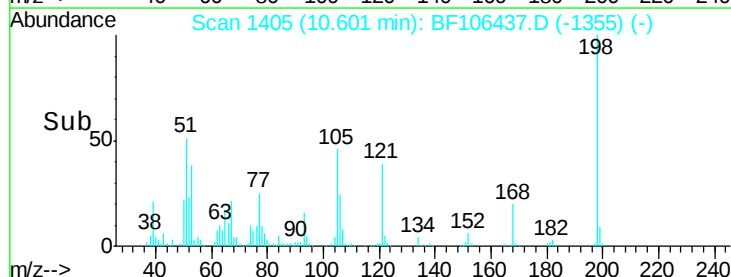
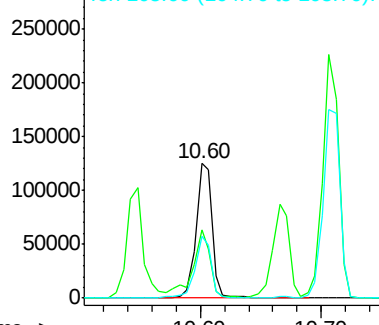
105 45.6 36.3 76.3

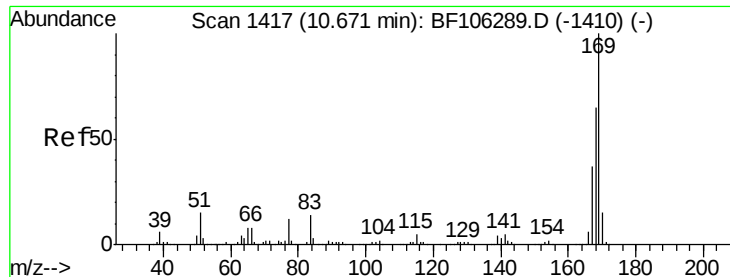


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.137 ng

RT: 10.67 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

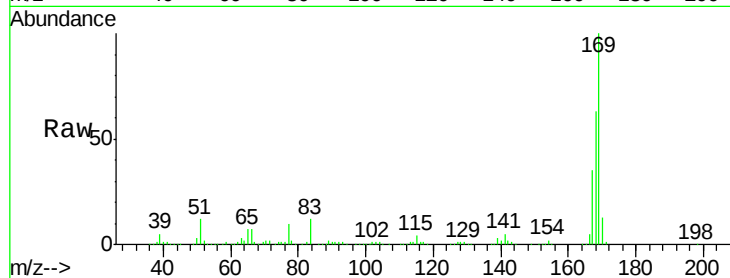
Tot Ion:169 Resp: 597780

Ion Ratio Lower Upper

169 100

168 63.1 54.4 81.6

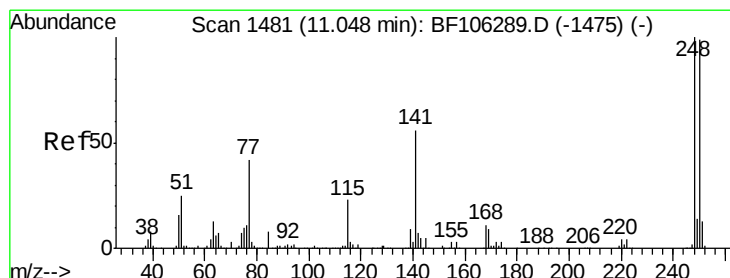
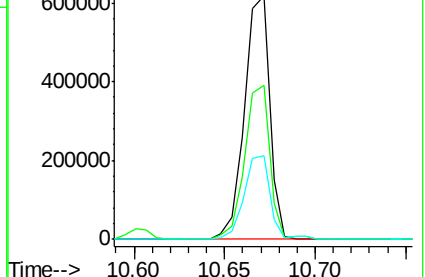
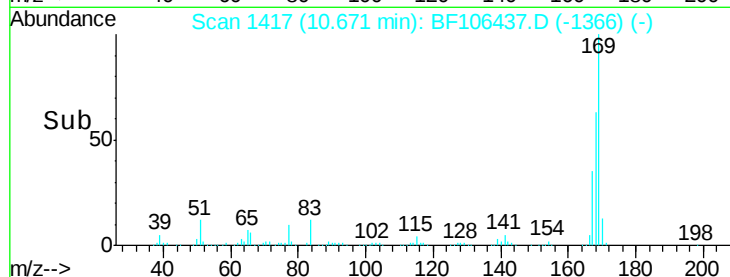
167 34.6 29.8 44.6



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: 41.067 ng

RT: 11.04 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

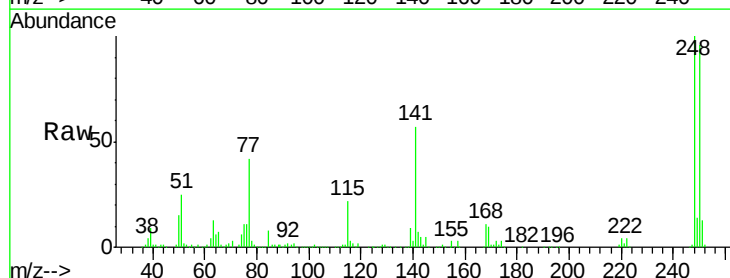
Tgt Ion:248 Resp: 217848

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

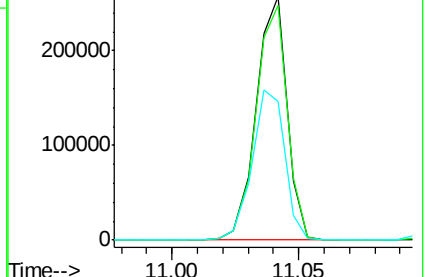
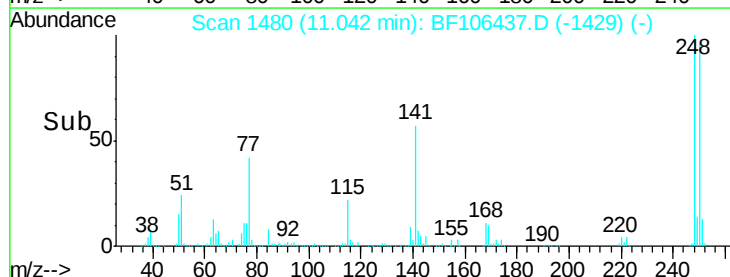
141 56.9 74.4 111.6#

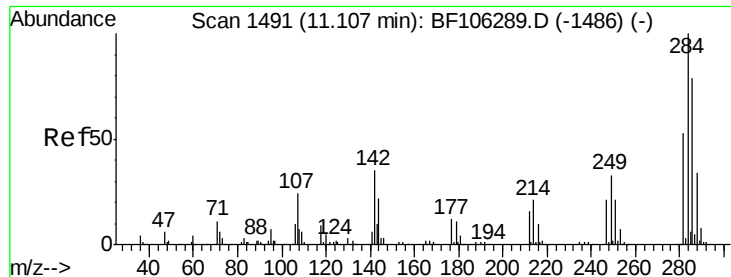


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

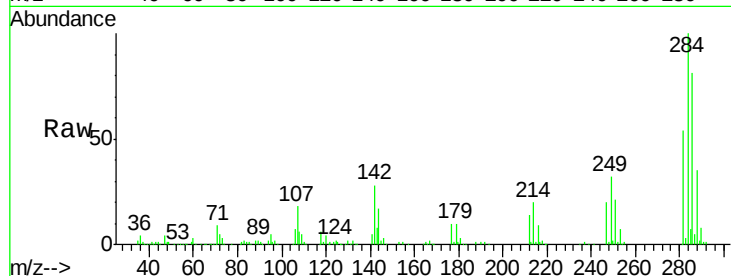




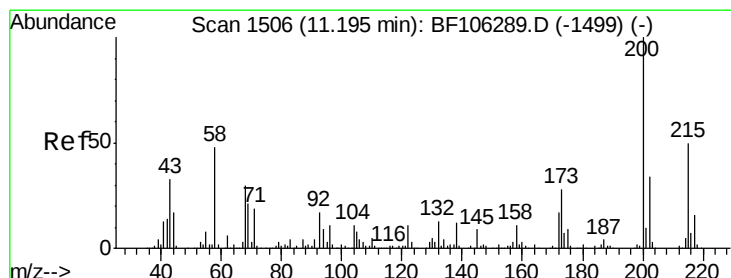
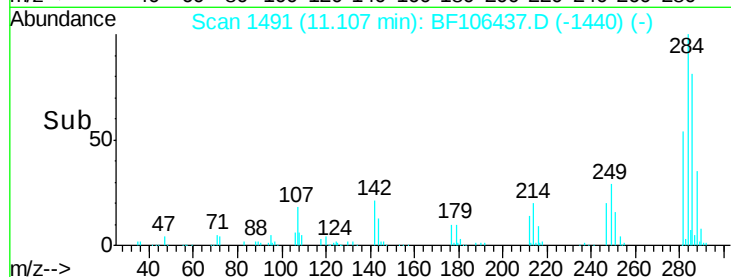
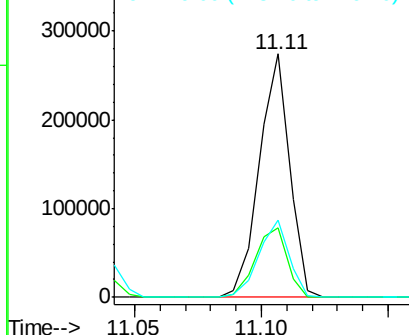
#67
Hexachlorobenzene
Concen: 42.075 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 230100
Ion Ratio Lower Upper
284 100
142 28.4 34.6 52.0#
249 31.6 24.8 37.2

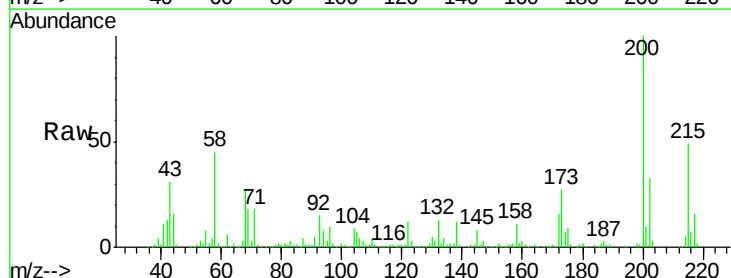


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

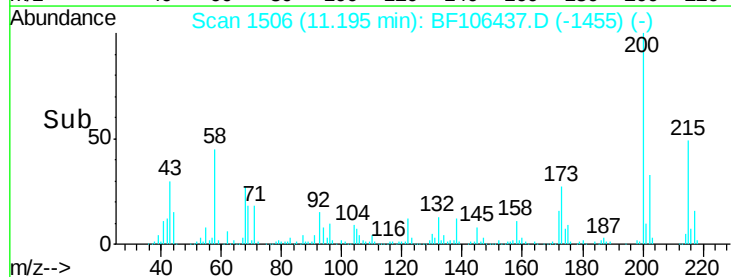
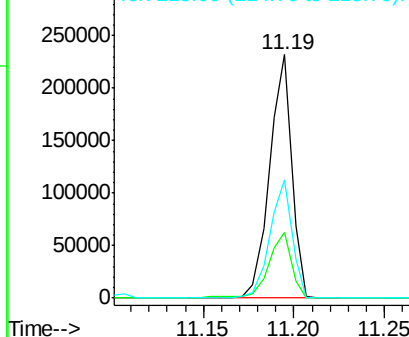


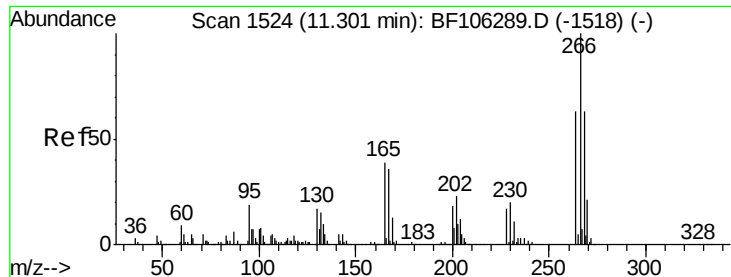
#68
Atrazine
Concen: 40.689 ng
RT: 11.19 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:200 Resp: 196549
Ion Ratio Lower Upper
200 100
173 26.7 8.6 48.6
215 48.7 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

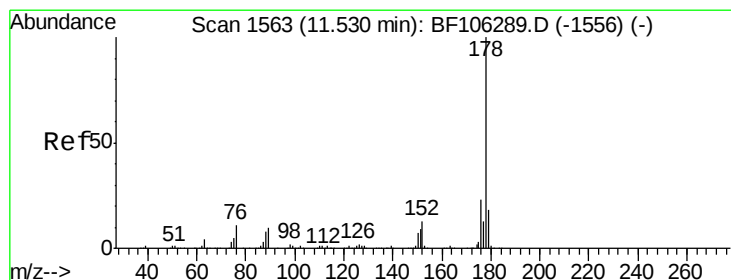
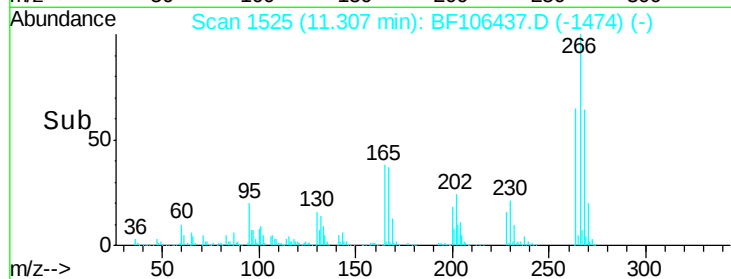
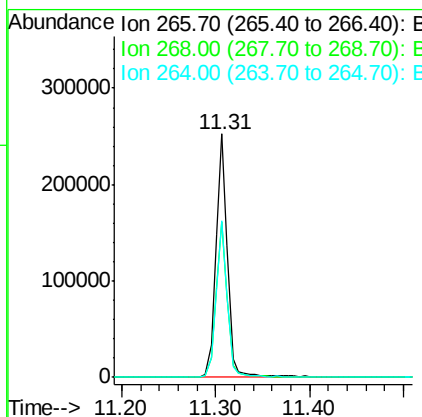
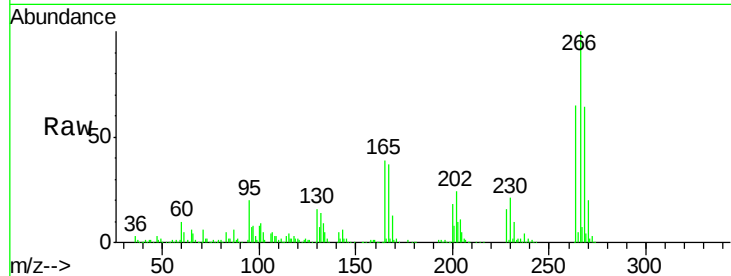




#69
 Pentachlorophenol
 Concen: 65.963 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

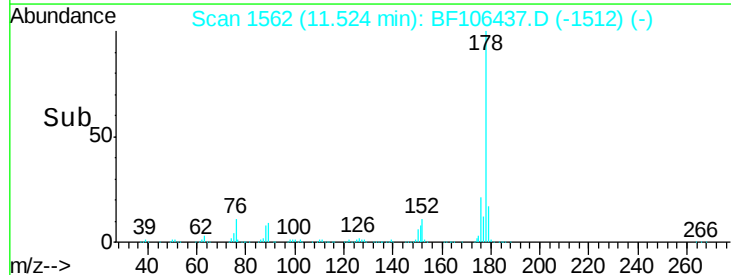
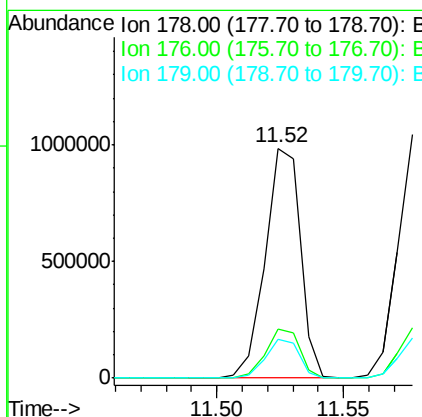
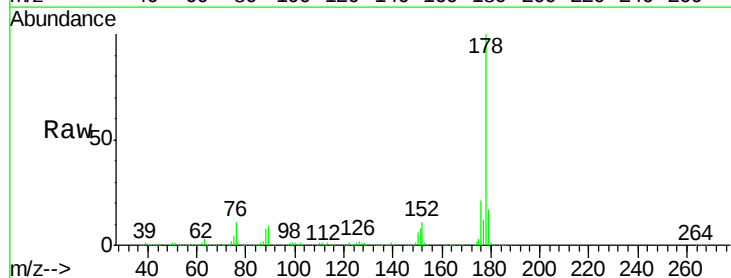
Instrument :
 BNA_F
 ClientSampleId :

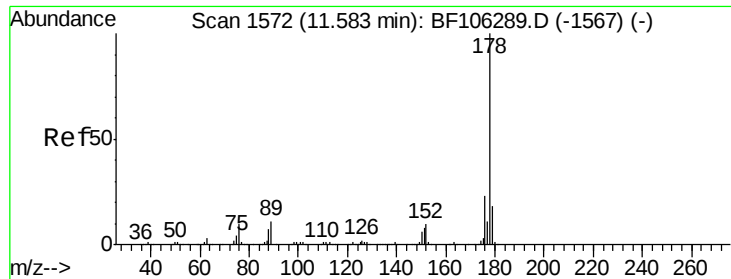
Tot Ion:266 Resp: 222095
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 64.5 49.5 74.3



#70
 Phenanthrene
 Concen: 41.564 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:178 Resp: 949369
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.8 23.8
 179 16.7 13.0 19.6

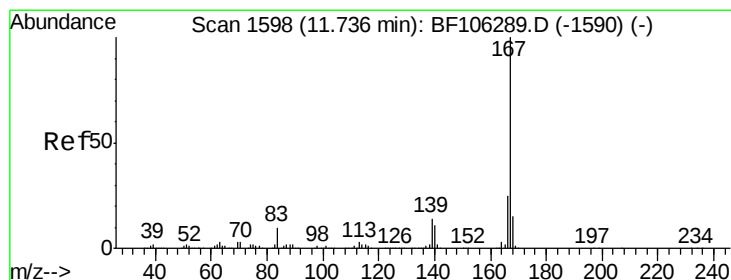
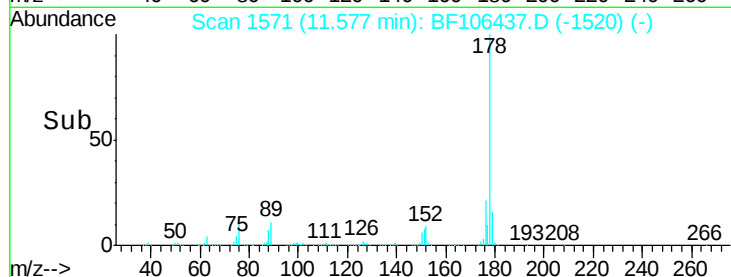
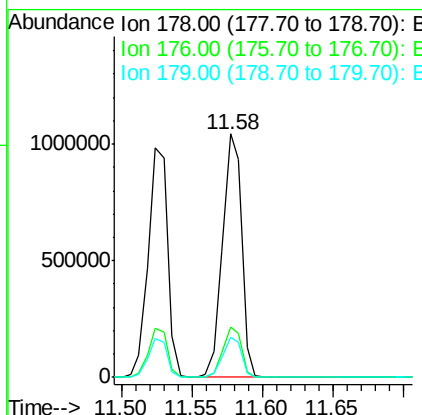
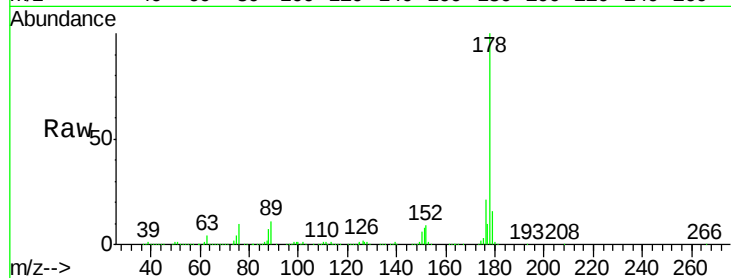




#71
 Anthracene
 Concen: 42.967 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

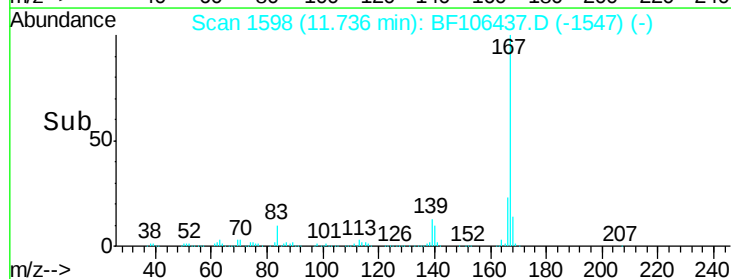
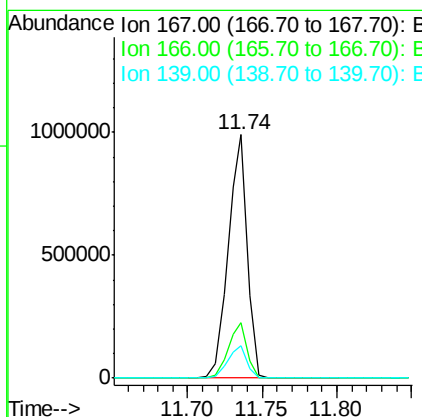
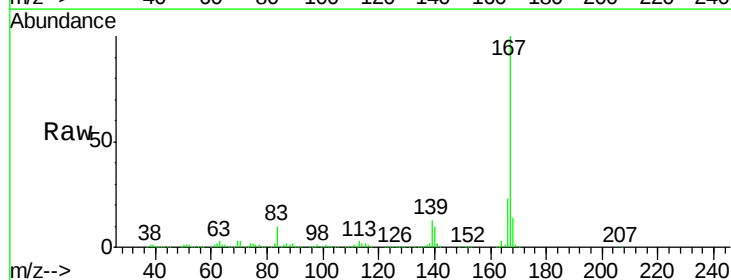
Instrument :
 BNA_F
 ClientSampleId :

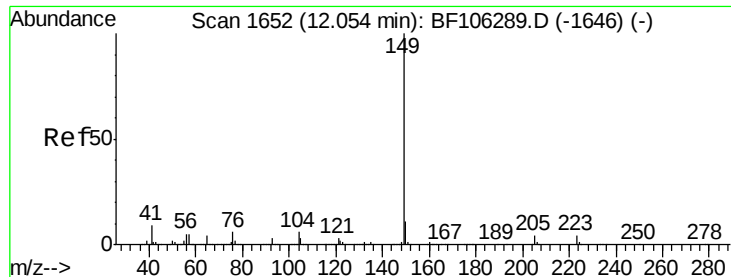
Tot Ion:178 Resp: 983195
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 42.326 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:167 Resp: 894160
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.477 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampled :

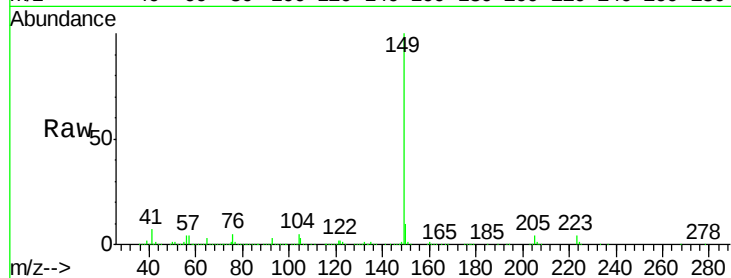
Tot Ion:149 Resp: 998704

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

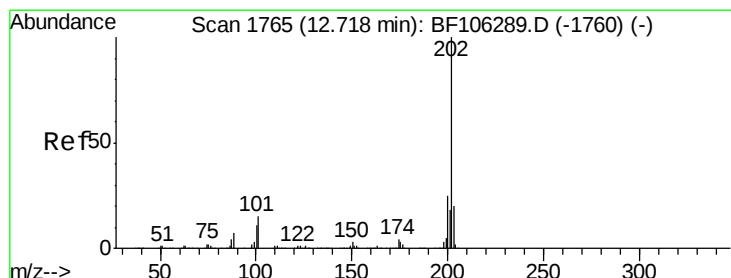
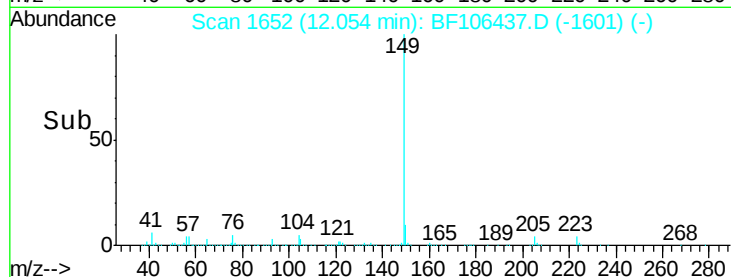
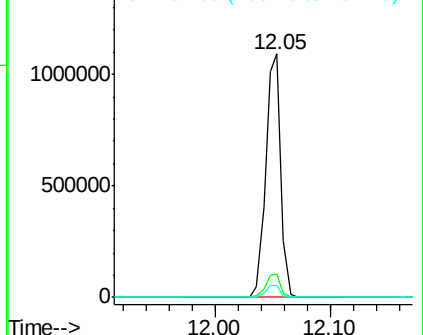
104 4.7 3.8 5.8



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: 42.316 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

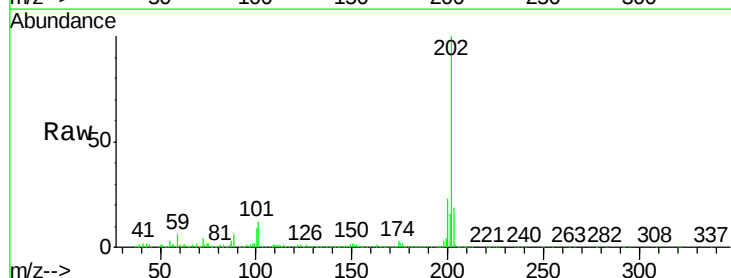
Tgt Ion:202 Resp: 1030755

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

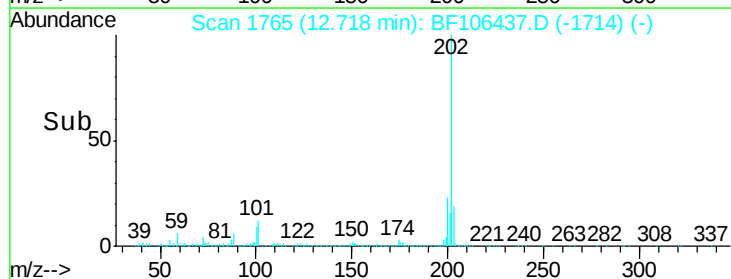
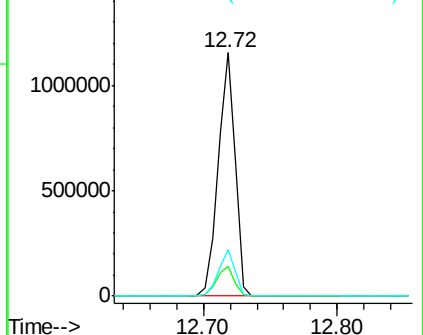
203 19.0 0.0 38.1

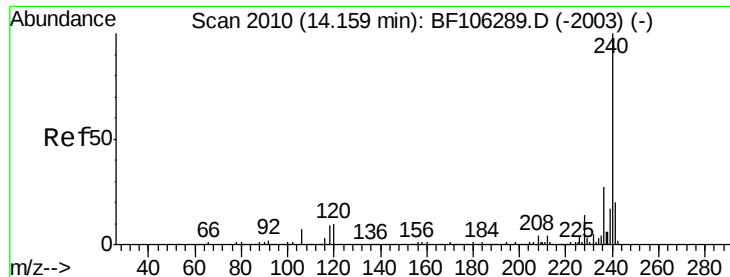


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

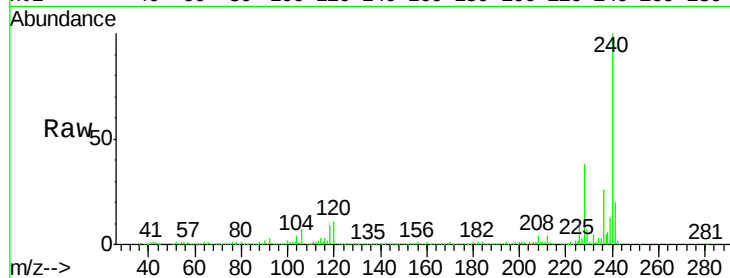
Tot Ion:240 Resp: 405230

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

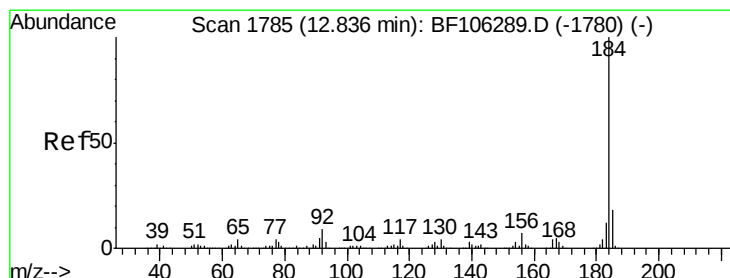
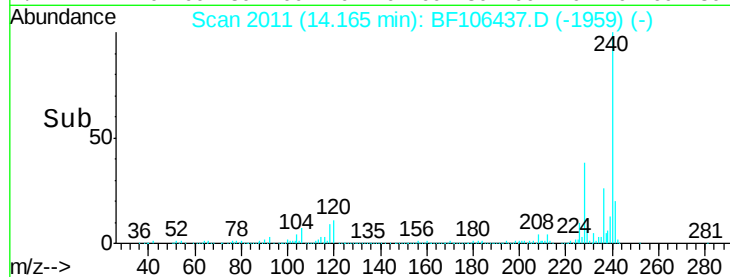
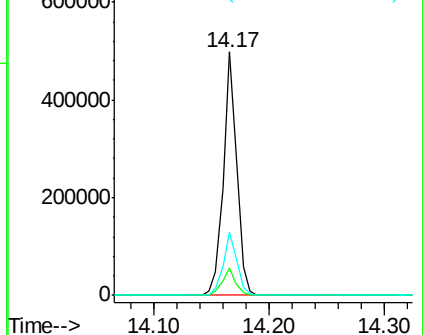
236 26.0 20.7 31.1



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: 24.378 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

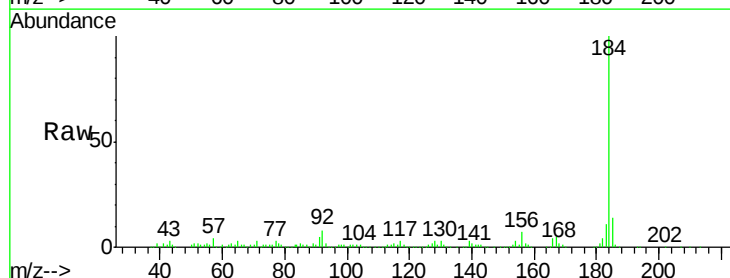
Tgt Ion:184 Resp: 328772

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

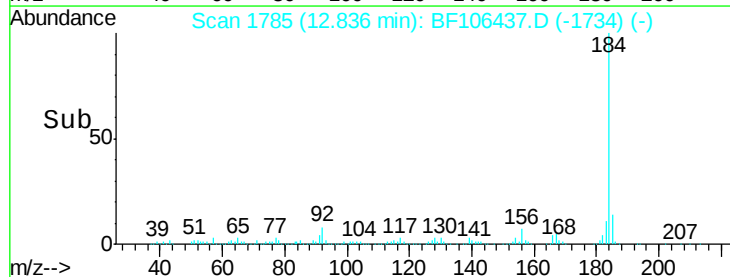
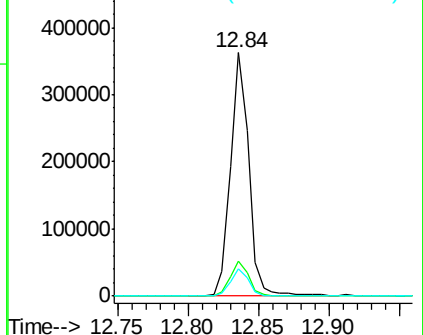
183 11.3 9.3 13.9

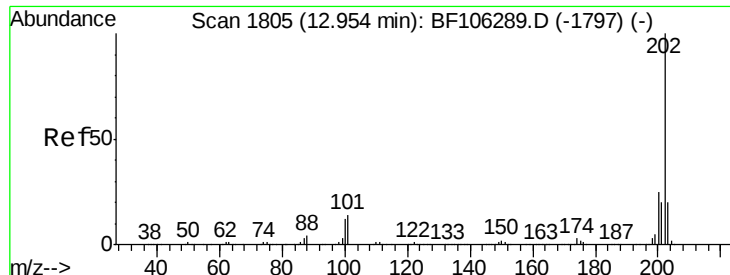


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

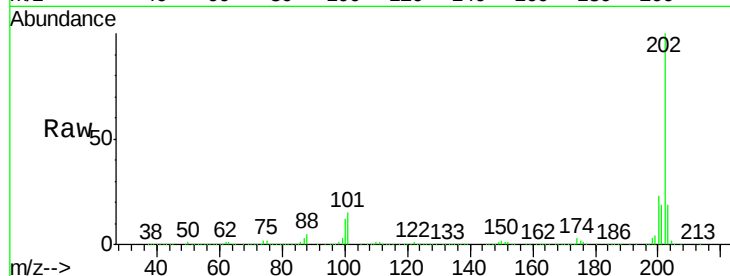




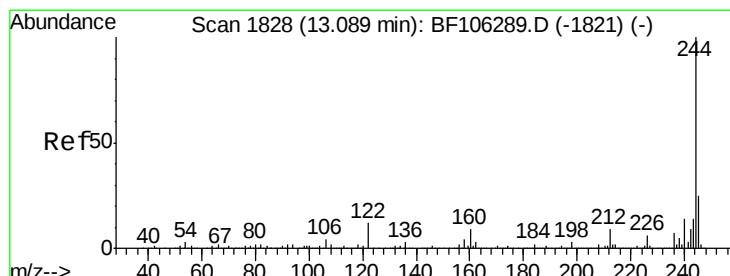
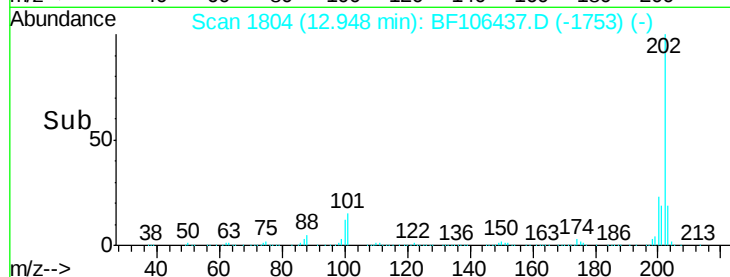
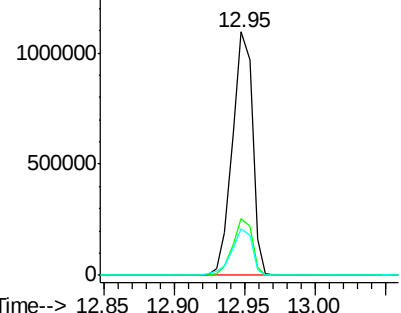
#77
Pvrene
Concen: 43.271 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1097788
Ion Ratio Lower Upper
202 100
200 23.3 17.4 26.2
203 19.3 14.3 21.5

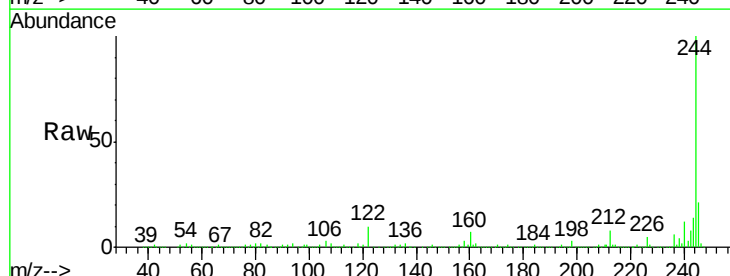


Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

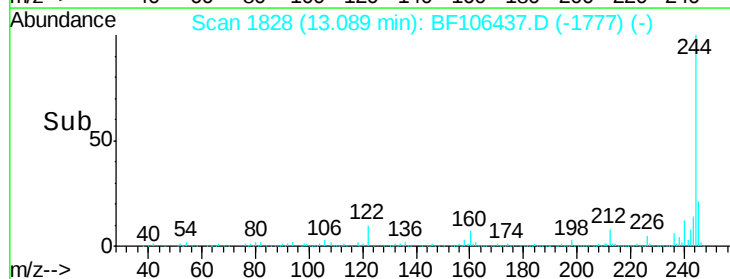
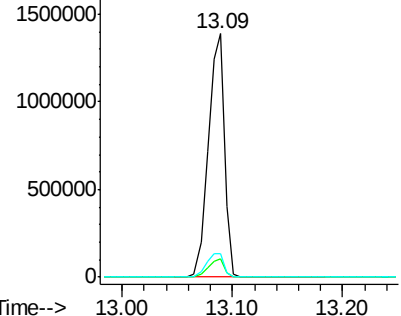


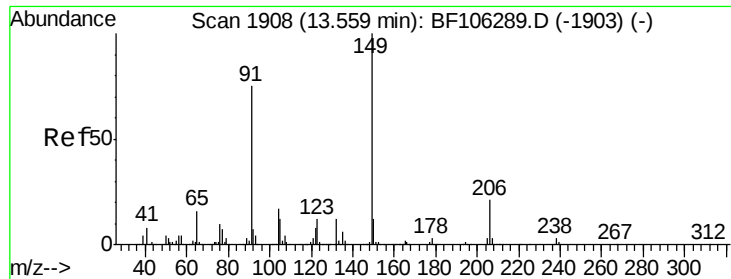
#78
Terphenyl-d14
Concen: 86.676 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:244 Resp: 1414129
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.0
122 9.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

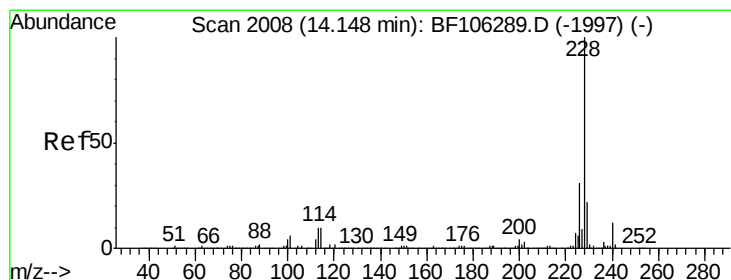
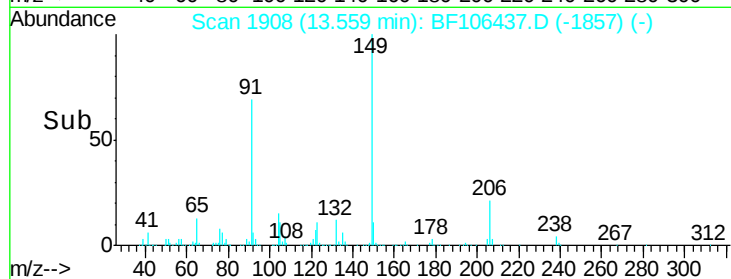
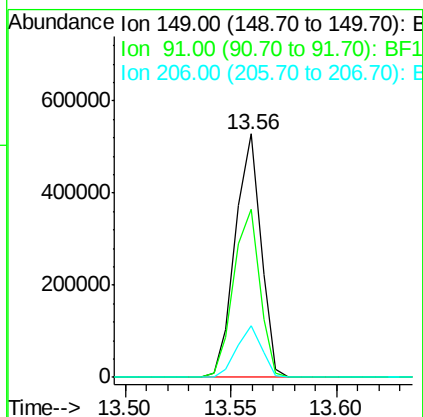
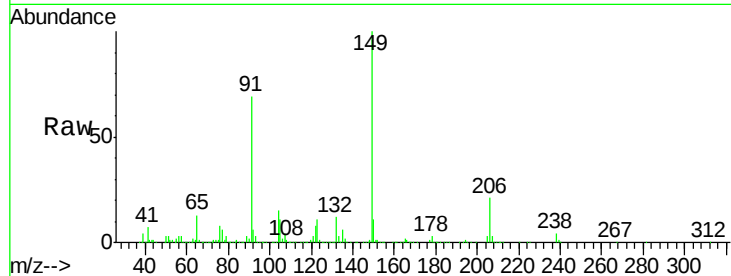




#79
Butylbenzylphthalate
Concen: 46.638 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

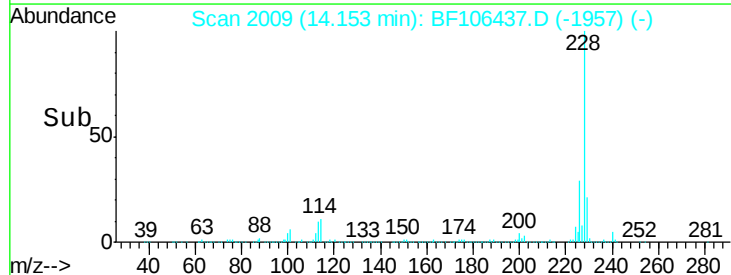
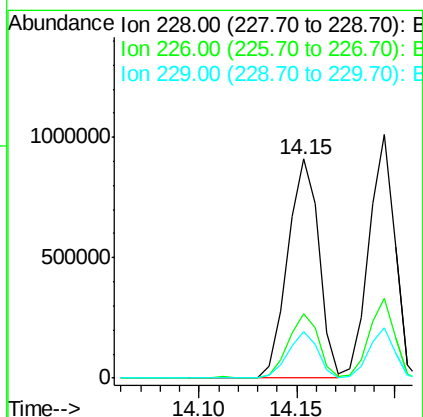
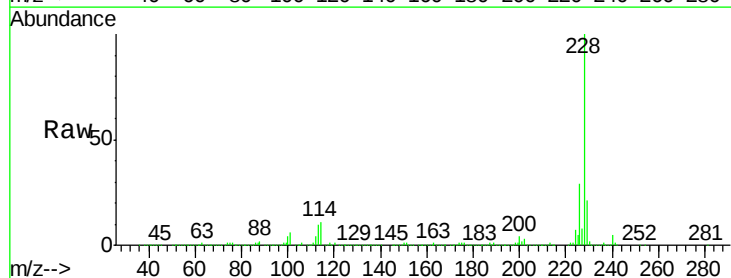
Instrument :
BNA_F
ClientSampleId :

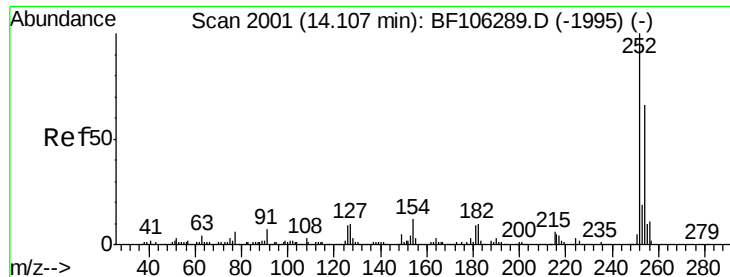
Tot Ion:149 Resp: 442898
Ion Ratio Lower Upper
149 100
91 68.9 56.8 85.2
206 21.3 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 41.723 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:228 Resp: 1006138
Ion Ratio Lower Upper
228 100
226 29.5 22.6 33.8
229 20.9 15.8 23.6

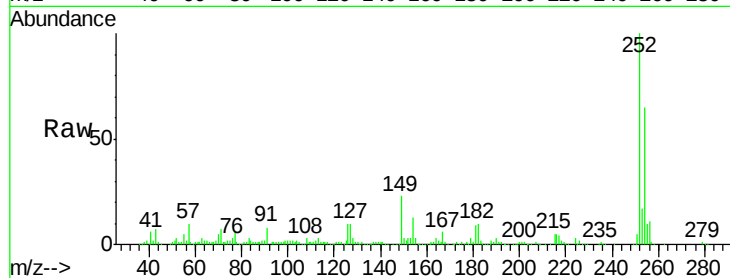




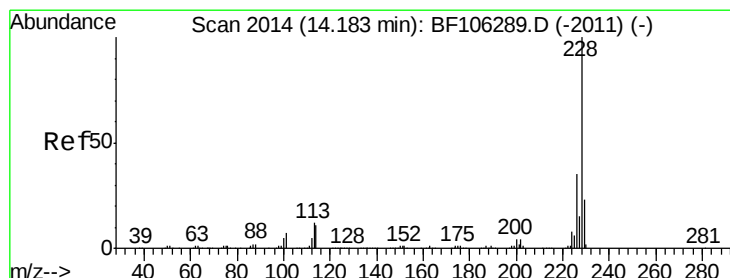
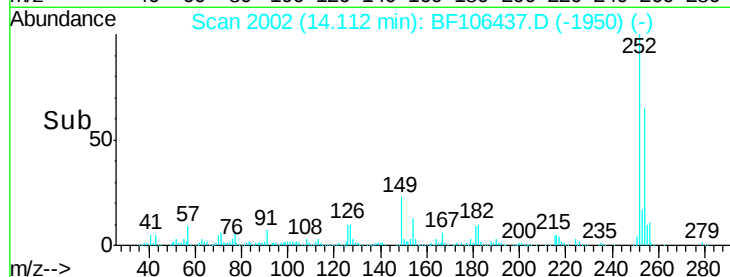
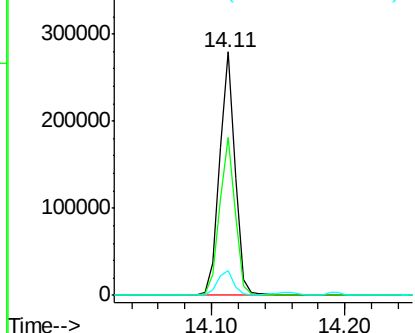
#81
 3,3'-Dichlorobenzidine
 Concen: 28.182 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	10.2	11.3	16.9#

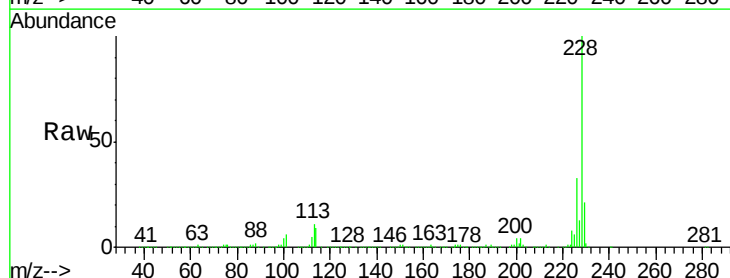


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

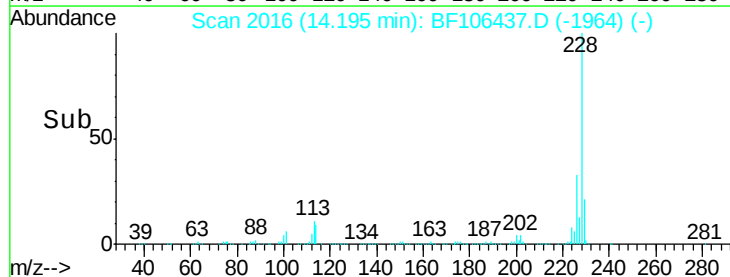
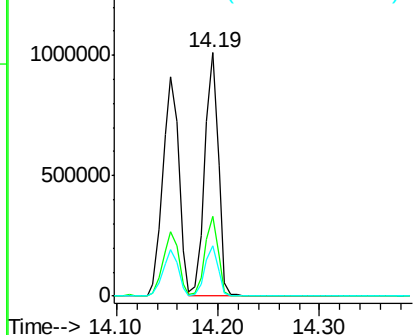


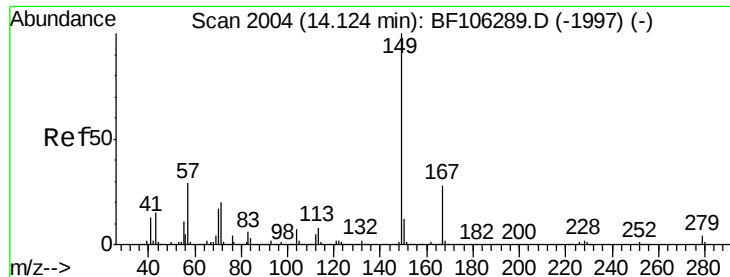
#82
 Chrysene
 Concen: 42.446 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	20.9	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: 39.638 ng

RT: 14.12 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

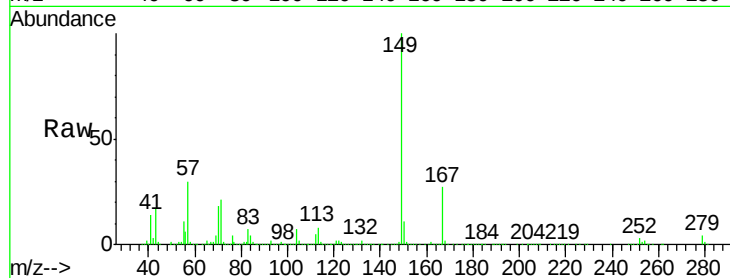
Tot Ion:149 Resp: 539720

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

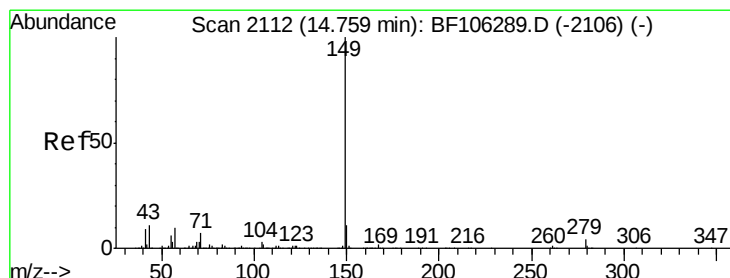
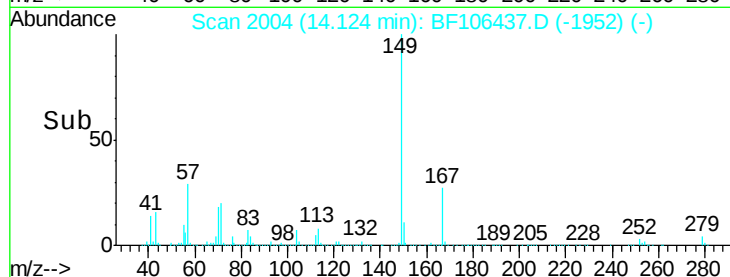
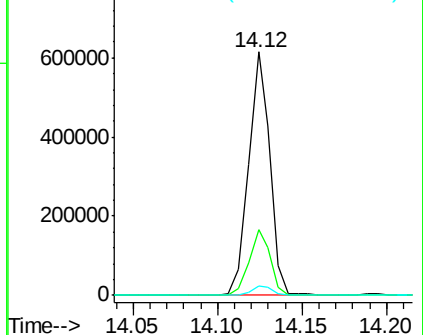
279 4.0 3.0 4.4



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: 40.029 ng

RT: 14.78 min Scan# 2115

Delta R.T. 0.02 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

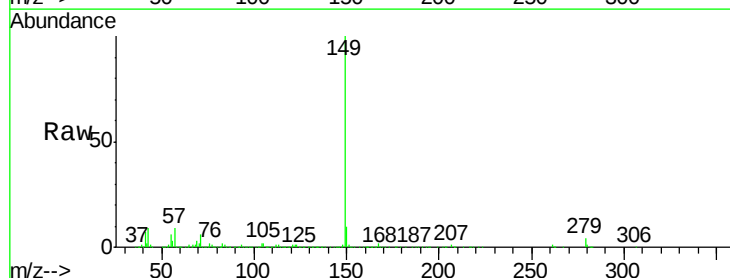
Tgt Ion:149 Resp: 785774

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

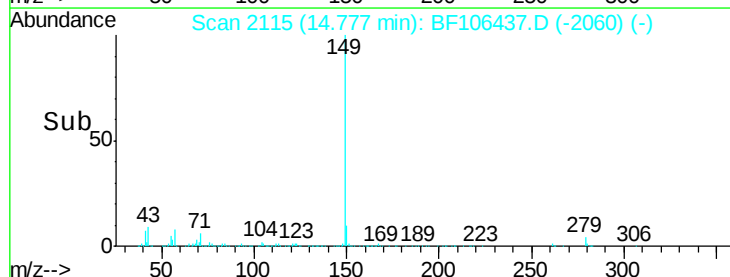
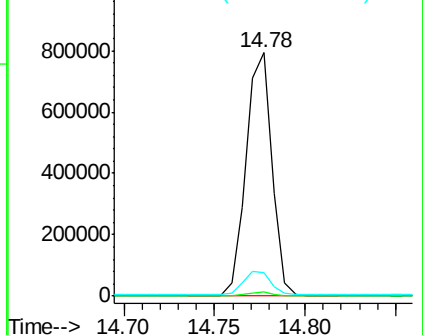
43 10.0 8.4 12.6

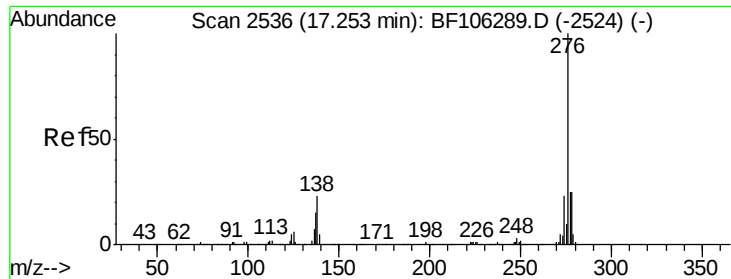


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

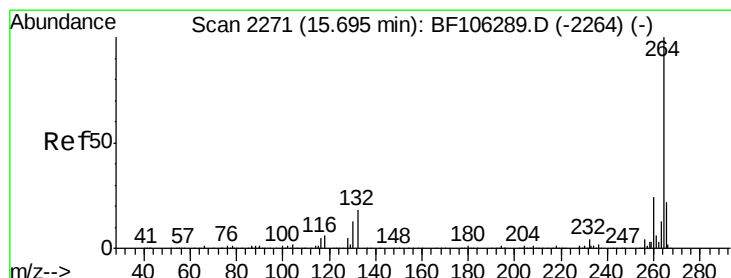
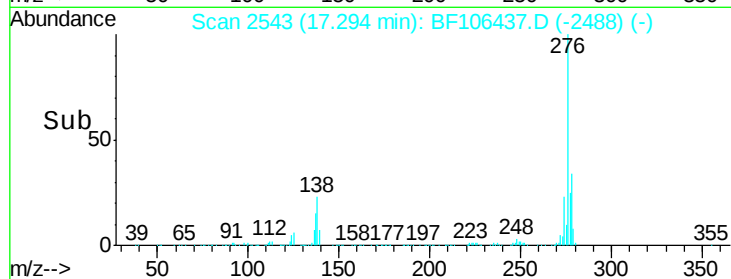
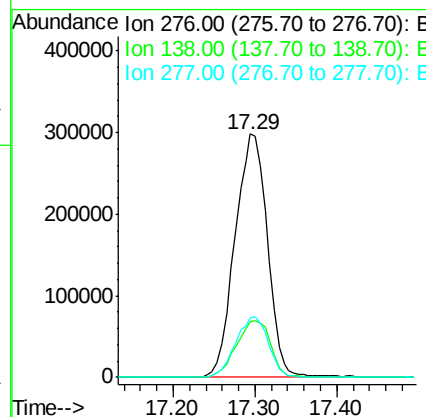
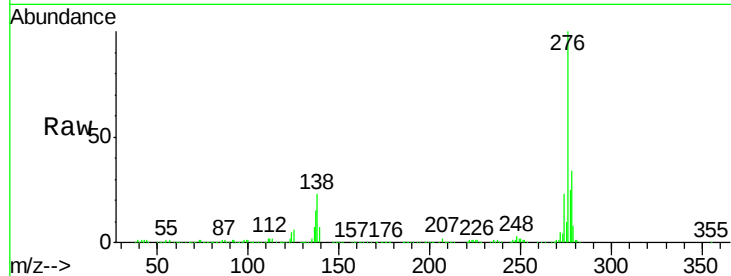




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.938 ng
 RT: 17.29 min Scan# 2543
 Delta R.T. 0.02 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

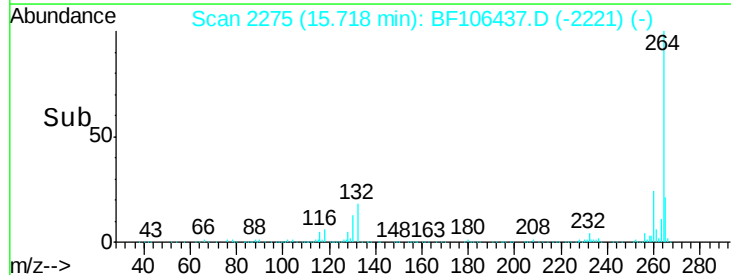
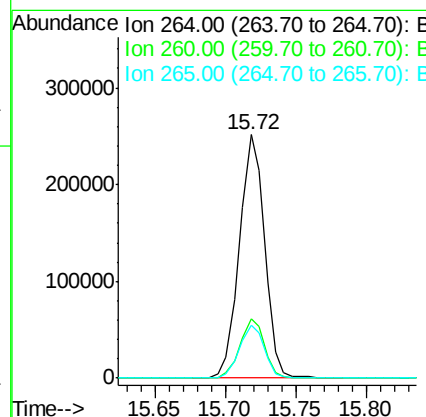
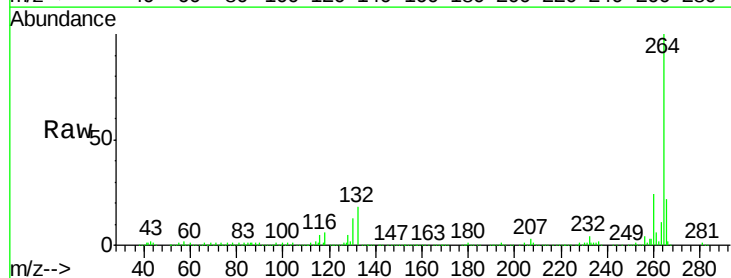
Instrument :
 BNA_F
 ClientSampleId :

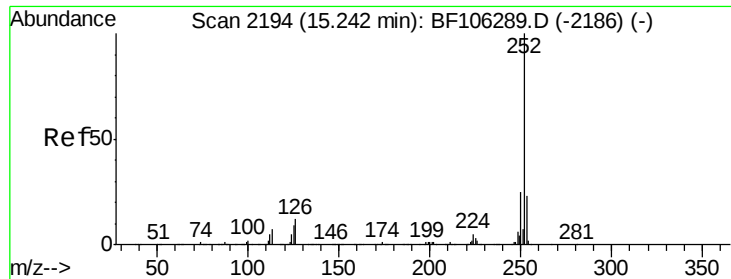
Tot Ion:276 Resp: 824771
 Ion Ratio Lower Upper
 276 100
 138 24.7 25.0 37.6#
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2275
 Delta R.T. 0.02 min
 Lab File: BF106437.D
 Acq: 14 Jun 2018 13:03

Tgt Ion:264 Resp: 313517
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.5 17.5 26.3

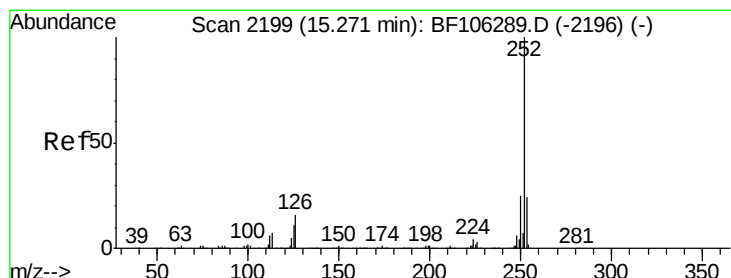
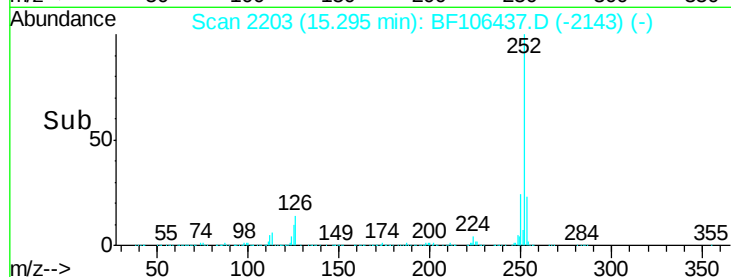
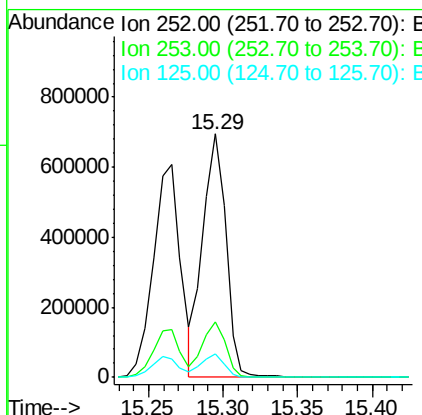
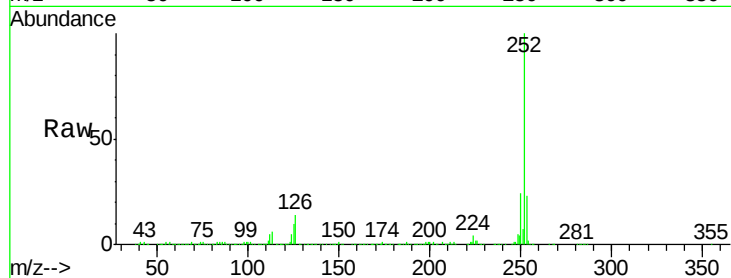




#87
Benzo(b)fluoranthene
Concen: 39.436 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.05 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

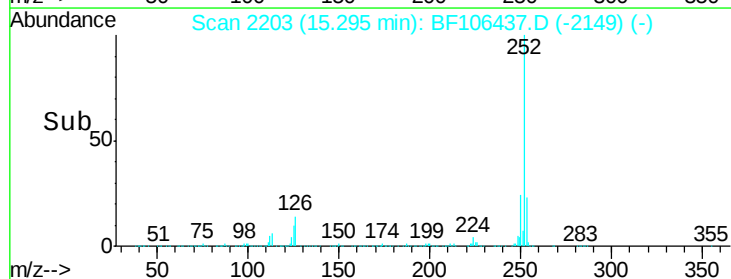
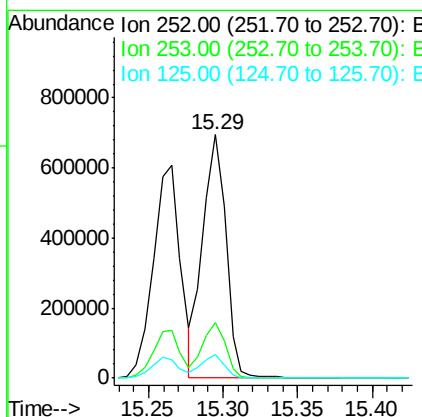
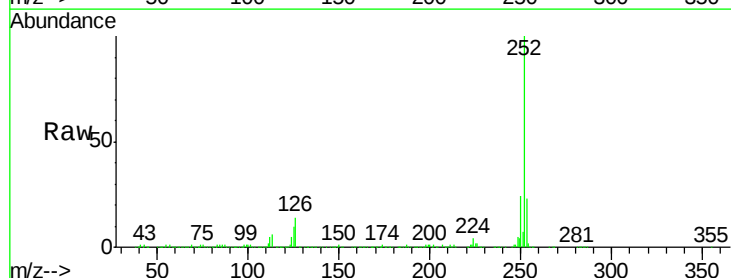
Instrument :
BNA_F
ClientSampleId :

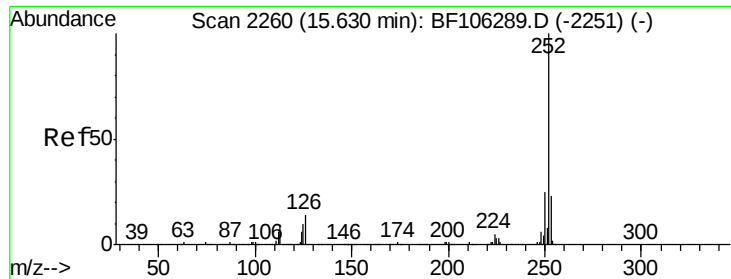
Tot Ion:252 Resp: 747381
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.819 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:252 Resp: 747381
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.7 10.2 15.2#

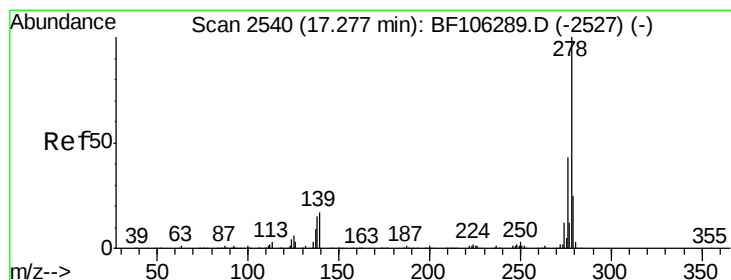
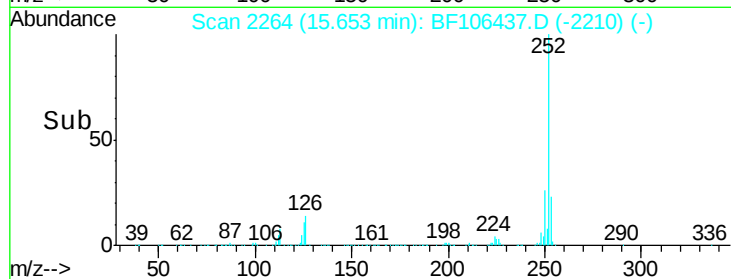
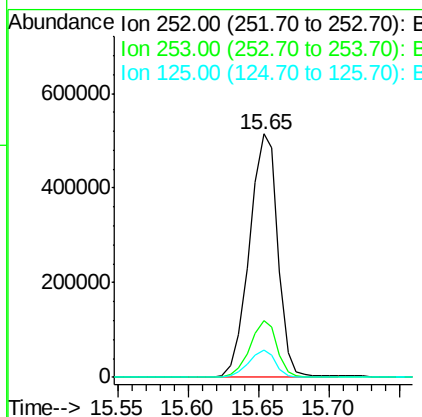
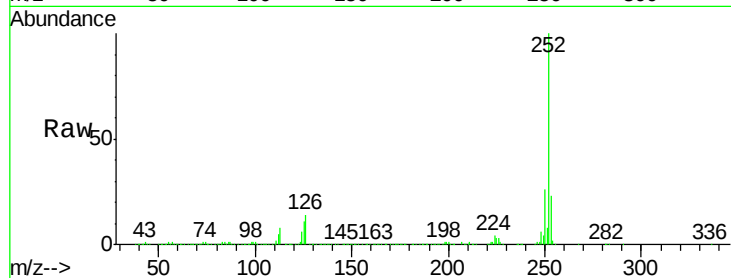




#89
Benzo(a)pyrene
Concen: 42.811 ng
RT: 15.65 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

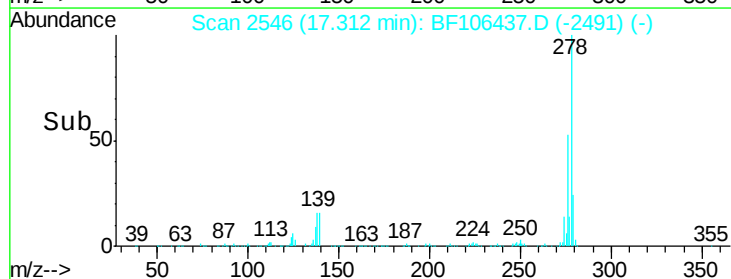
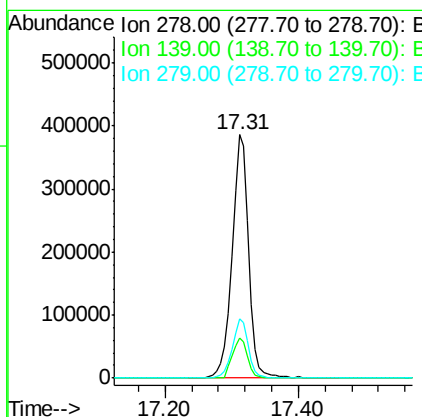
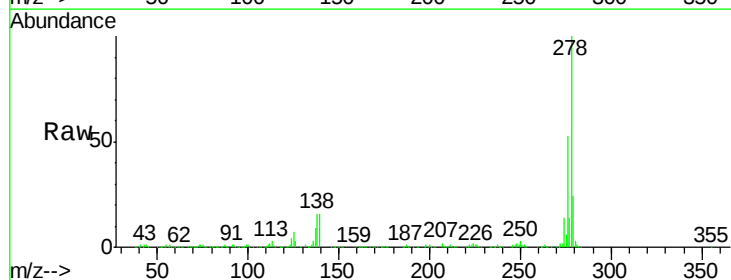
Instrument :
BNA_F
ClientSampleId :

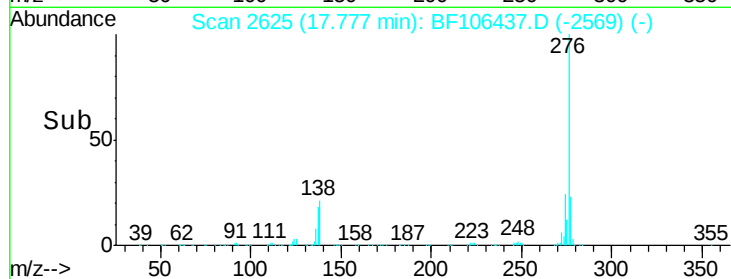
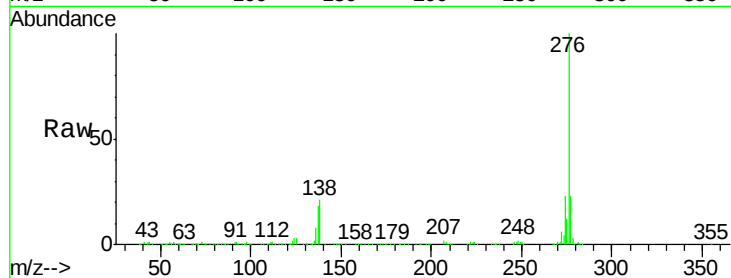
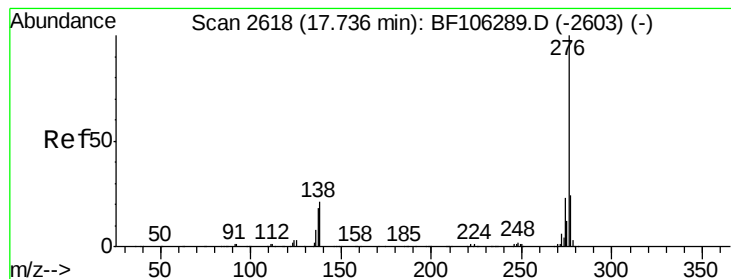
Tot Ion:252 Resp: 729769
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 11.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 47.545 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF106437.D
Acq: 14 Jun 2018 13:03

Tgt Ion:278 Resp: 675679
Ion Ratio Lower Upper
278 100
139 16.4 15.9 23.9
279 24.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 51.885 ng

RT: 17.78 min Scan# 2625

Delta R.T. 0.03 min

Lab File: BF106437.D

Acq: 14 Jun 2018 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 716595

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 21.4 21.8 32.8#

