

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106433.D
 Acq On : 14 Jun 2018 10:36
 Operator : JU/SJ
 Sample : PB110241BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:29:09 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 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	129582	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	495560	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	240884	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	478866	20.00	ng	0.00
75) Chrysene-d12	14.15	240	339417	20.00	ng	0.00
86) Perylene-d12	15.69	264	332412	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	810552	105.87	ng	0.00
7) Phenol-d6	6.61	99	949056	98.11	ng	0.00
23) Nitrobenzene-d5	7.53	82	664998	78.94	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	306135	132.08	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1156834	85.42	ng	0.00
78) Terphenyl-d14	13.08	244	1180902	86.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	113443	28.630	ng	96
3) Pyridine	3.63	79	336953	30.515	ng	98
4) n-Nitrosodimethylamine	3.59	42	149459	29.546	ng	91
6) Aniline	6.63	93	270338	19.139	ng	# 38
8) 2-Chlorophenol	6.77	128	296295	35.987	ng	99
9) Benzaldehyde	6.52	77	197857	26.967	ng	97
10) Phenol	6.62	94	377198	35.720	ng	76
11) bis(2-Chloroethyl)ether	6.70	93	303982	33.627	ng	96
12) 1,3-Dichlorobenzene	6.91	146	336194	34.694	ng	99
13) 1,4-Dichlorobenzene	6.98	146	339404	34.515	ng	99
14) 1,2-Dichlorobenzene	7.14	146	316154	34.153	ng	99
15) Benzyl Alcohol	7.11	79	274365	33.120	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	453012	34.959	ng	# 44
17) 2-Methylphenol	7.23	107	251991	34.304	ng	# 90
18) Hexachloroethane	7.48	117	117166	33.439	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	216193	29.791	ng	97
20) 3+4-Methylphenols	7.38	107	335908	35.758	ng	92
22) Acetophenone	7.37	105	414793	33.214	ng	# 98
24) Nitrobenzene	7.55	77	335267	36.618	ng	96
25) Isophorone	7.78	82	612967	37.254	ng	97
26) 2-Nitrophenol	7.87	139	161388	45.412	ng	99
27) 2,4-Dimethylphenol	7.90	122	274471	39.404	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	383893	35.983	ng	98
29) 2,4-Dichlorophenol	8.12	162	266429	39.647	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	274323	36.408	ng	95
31) Naphthalene	8.27	128	835124	37.279	ng	99
32) Benzoic acid	8.02	122	146600	31.491	ng	94
33) 4-Chloroaniline	8.32	127	122024	12.291	ng	98
34) Hexachlorobutadiene	8.38	225	178503	36.875	ng	98
35) Caprolactam	8.68	113	64615	28.427	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	283924	38.196	ng	95
37) 2-Methylnaphthalene	8.97	142	582059	38.148	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	295160	37.745	ng	96
40) Hexachlorocyclopentadiene	9.11	237	160851	37.282	ng	97

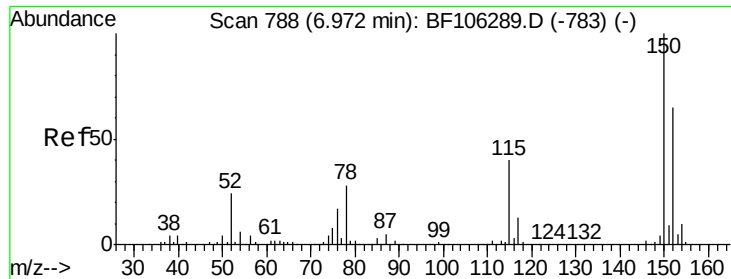
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106433.D
 Acq On : 14 Jun 2018 10:36
 Operator : JU/SJ
 Sample : PB110241BSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:29:09 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 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	203998	40.936	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	217355	40.459	nq	# 92
45) 1,1'-Biphenyl	9.42	154	691452	37.060	nq	99
46) 2-Chloronaphthalene	9.45	162	561880	37.632	nq	97
47) 2-Nitroaniline	9.55	65	194635	41.438	nq	98
48) Acenaphthylene	9.87	152	887573	38.837	nq	97
49) Dimethylphthalate	9.72	163	662886	38.518	nq	99
50) 2,6-Dinitrotoluene	9.79	165	147676	42.008	nq	99
51) Acenaphthene	10.04	154	546026	36.996	nq	98
52) 3-Nitroaniline	9.96	138	100655	24.124	nq	98
53) 2,4-Dinitrophenol	10.07	184	79498	52.566	nq	# 18
54) Dibenzofuran	10.21	168	766503	38.567	nq	95
55) 4-Nitrophenol	10.15	139	216598	67.727	nq	90
56) 2,4-Dinitrotoluene	10.20	165	199438	45.178	nq	94
57) Fluorene	10.56	166	598283	37.995	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	177648	41.721	nq	# 84
59) Diethylphthalate	10.42	149	641020	37.527	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	313263	37.824	nq	89
61) 4-Nitroaniline	10.58	138	145188	35.765	nq	97
62) Azobenzene	10.71	77	663070	37.227	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	72496	30.679	nq	85
65) n-Nitrosodiphenylamine	10.67	169	577140	35.861	nq	96
66) 4-Bromophenyl-phenylether	11.04	248	213822	39.258	nq	# 80
67) Hexachlorobenzene	11.11	284	215393	38.359	nq	# 84
68) Atrazine	11.19	200	202083	40.745	nq	99
69) Pentachlorophenol	11.31	266	173899	50.303	nq	100
70) Phenanthrene	11.52	178	876722	37.384	nq	98
71) Anthracene	11.58	178	885480	37.689	nq	98
72) Carbazole	11.74	167	781130	36.013	nq	98
73) Di-n-butylphthalate	12.05	149	994577	41.199	nq	99
74) Fluoranthene	12.72	202	827911	33.103	nq	96
76) Benzidine	12.84	184	492426	43.592	nq	99
77) Pyrene	12.95	202	812728	38.247	nq	98
79) Butylbenzylphthalate	13.55	149	376733	47.362	nq	98
80) Benzo(a)anthracene	14.14	228	764213	37.835	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	198772	29.167	nq	# 97
82) Chrysene	14.18	228	710293	38.516	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	514705	45.130	nq	99
84) Di-n-octyl phthalate	14.75	149	796473	48.441	nq	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	572727	38.914	nq	# 93
87) Benzo(b)fluoranthene	15.24	252	738369	36.746	nq	97
88) Benzo(k)fluoranthene	15.27	252	732811	36.824	nq	# 97
89) Benzo(a)pyrene	15.62	252	684068	37.849	nq	97
90) Dibenzo(a,h)anthracene	17.27	278	494819	32.839	nq	# 96
91) Benzo(g,h,i)perylene	17.73	276	442091	30.190	nq	# 93

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

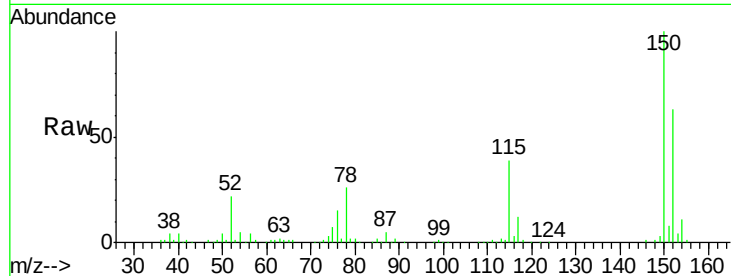


#1

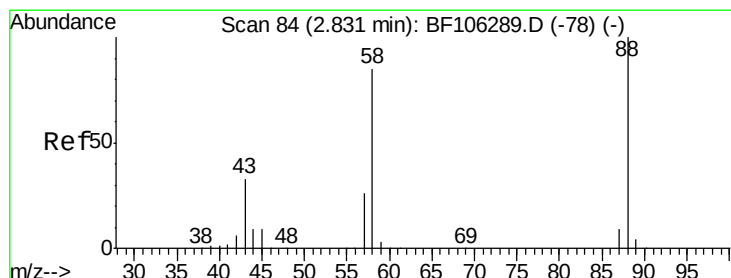
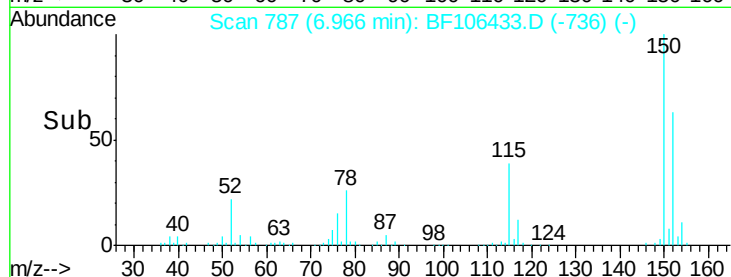
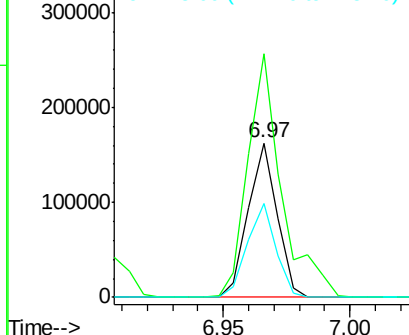
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129582
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.8 50.1 75.1



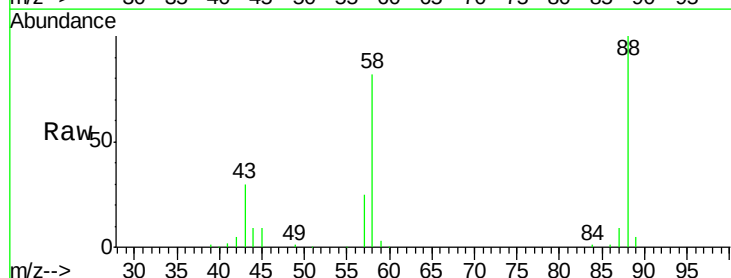
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



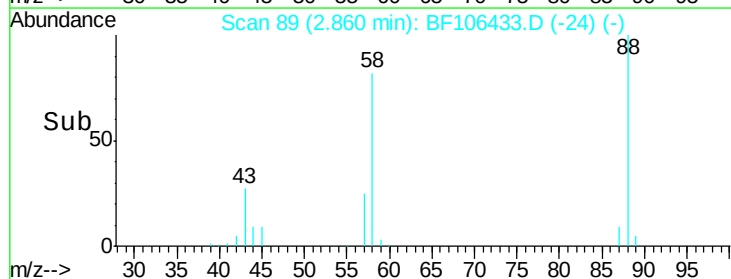
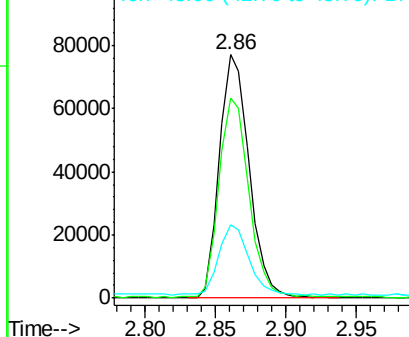
#2

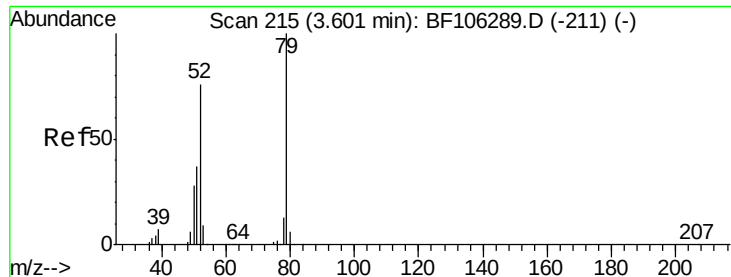
1,4-Dioxane
Concen: 28.630 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion: 88 Resp: 113443
Ion Ratio Lower Upper
88 100
58 81.7 62.6 93.8
43 28.9 24.6 37.0



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





#3

Pvridine

Concen: 30.515 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.06 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

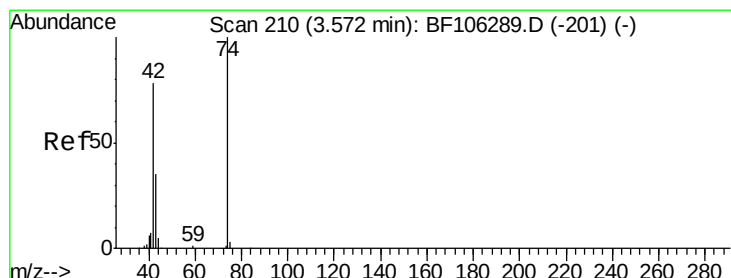
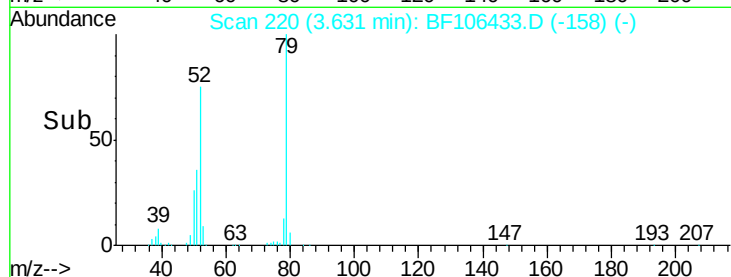
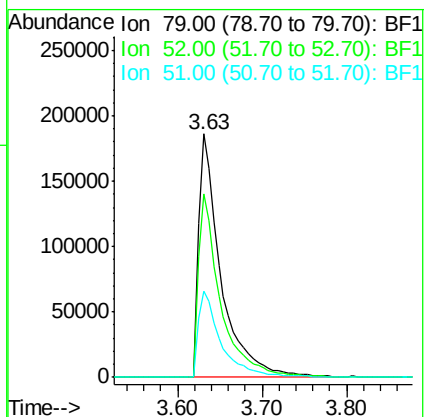
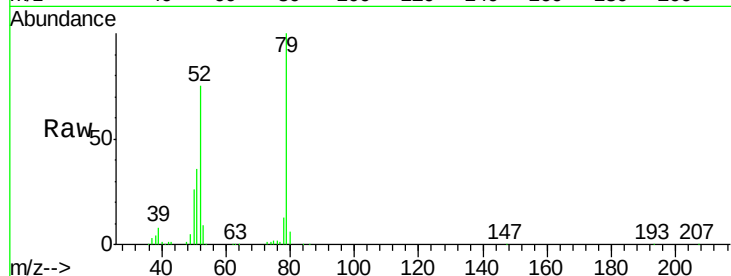
Tot Ion: 79 Resp: 336953

Ion Ratio Lower Upper

79 100

52 75.5 59.8 89.6

51 35.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 29.546 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

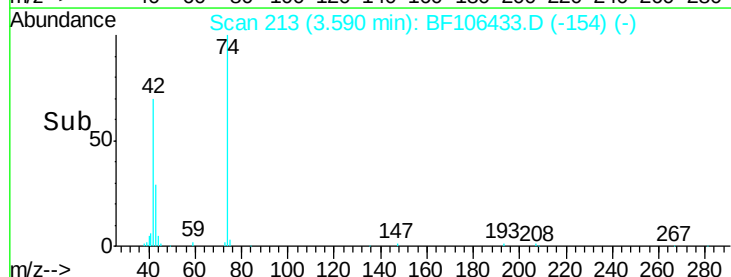
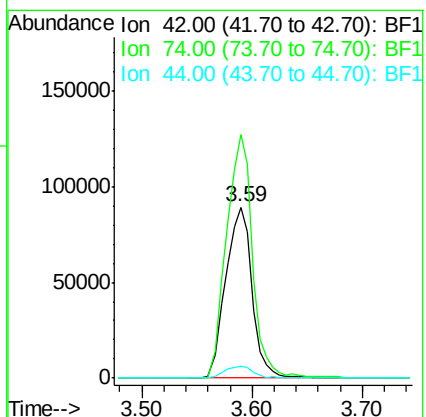
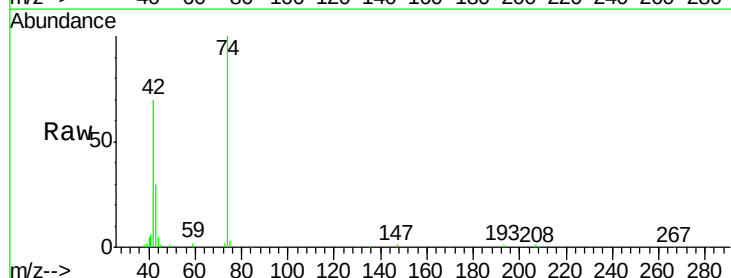
Tgt Ion: 42 Resp: 149459

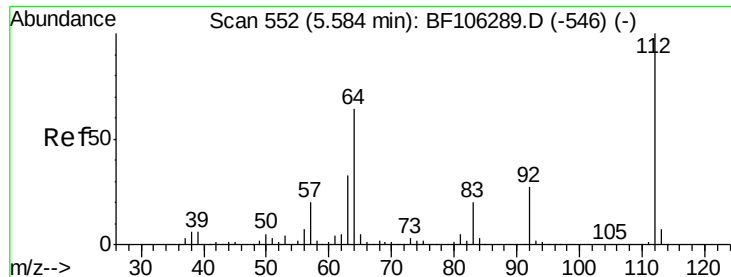
Ion Ratio Lower Upper

42 100

74 142.5 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 105.868 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampled :

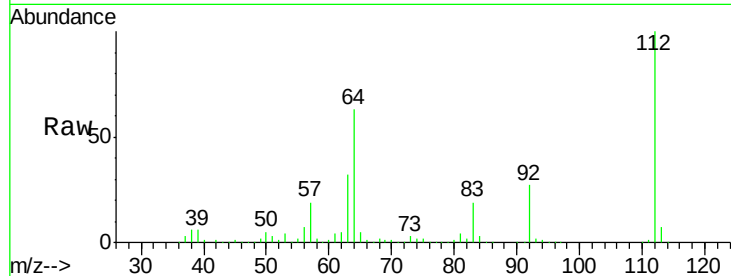
Tot Ion: 112 Resp: 810552

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

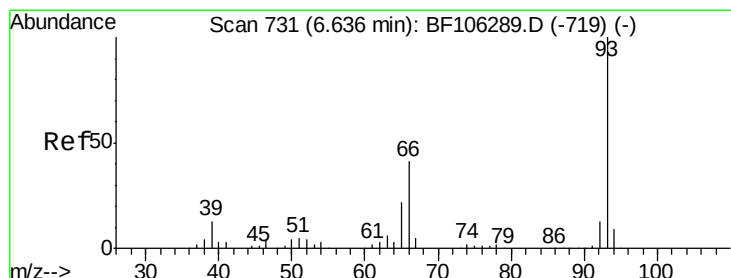
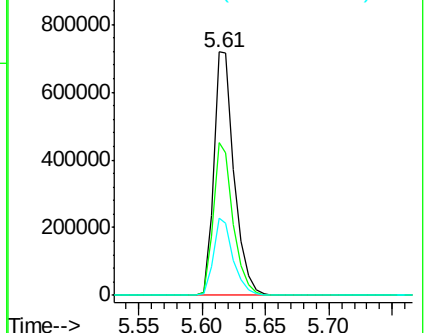
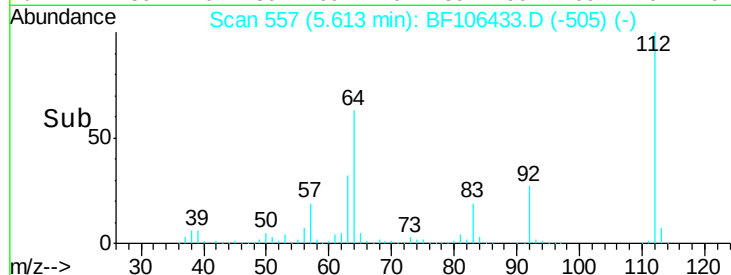
63 31.6 23.7 35.5



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: 19.139 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

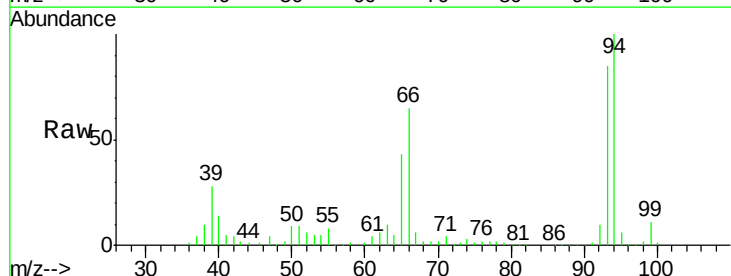
Tgt Ion: 93 Resp: 270338

Ion Ratio Lower Upper

93 100

66 77.1 32.2 48.2#

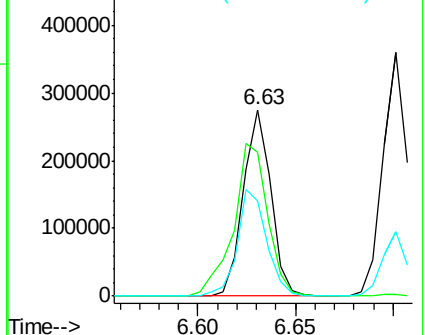
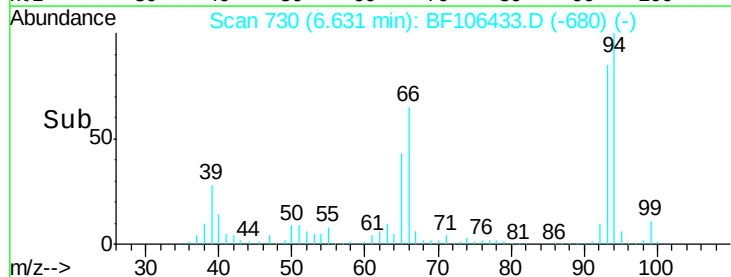
65 50.7 16.4 24.6#

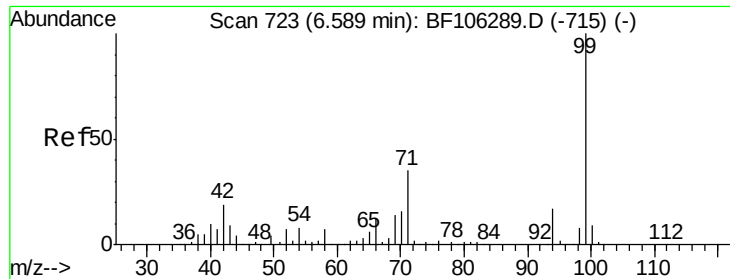


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.114 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

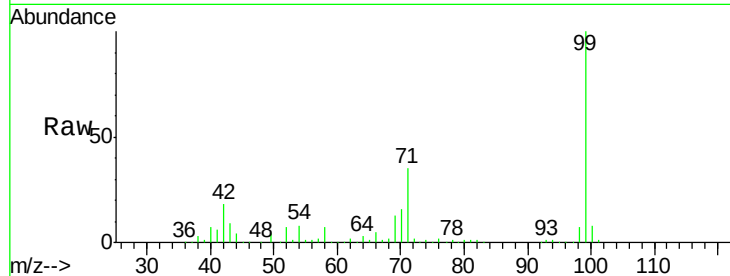
Tot Ion: 99 Resp: 949056

Ion Ratio Lower Upper

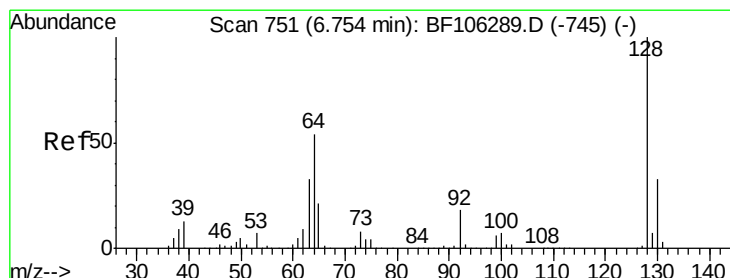
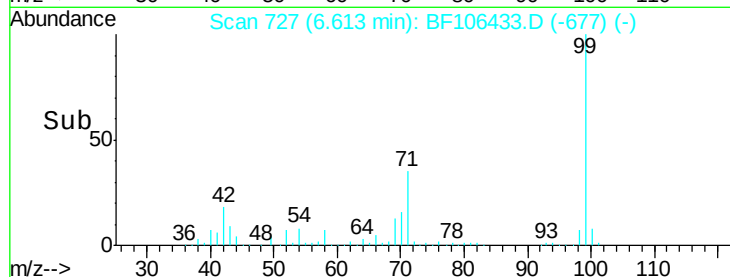
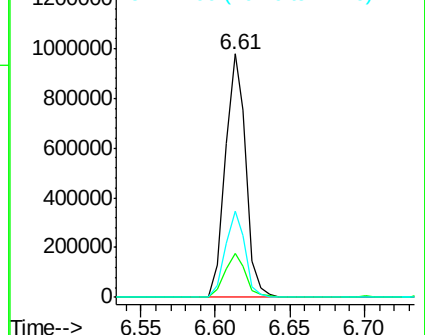
99 100

42 17.9 14.5 21.7

71 35.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.987 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

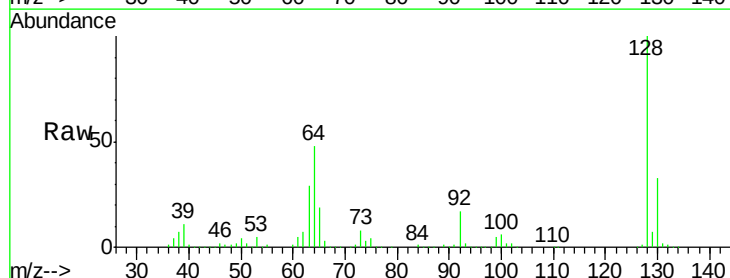
Tgt Ion: 128 Resp: 296295

Ion Ratio Lower Upper

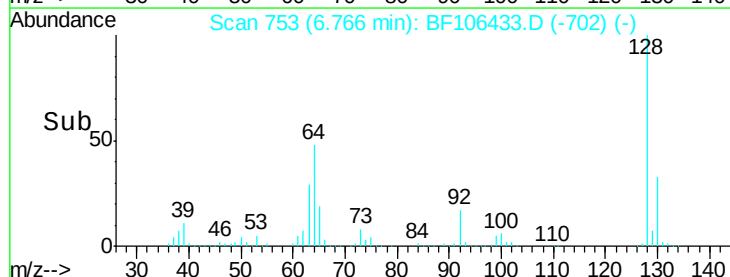
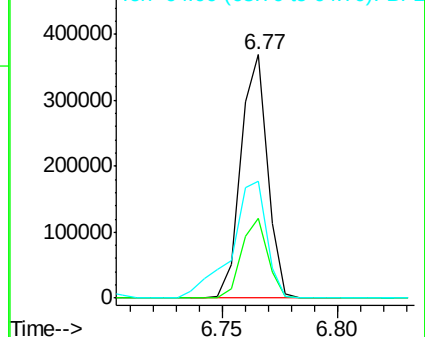
128 100

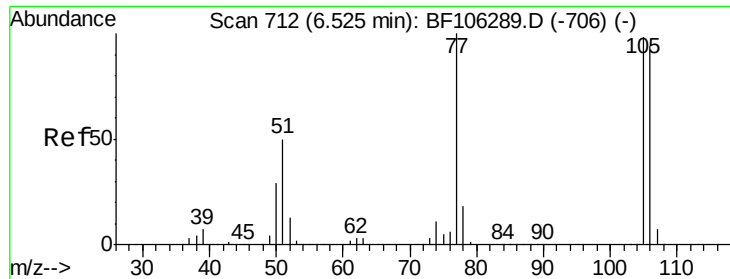
130 32.7 13.0 53.0

64 48.3 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: 26.967 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

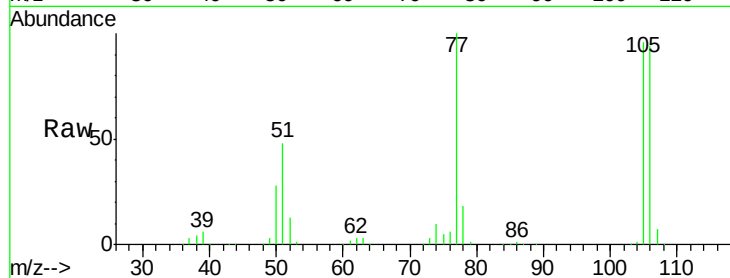
Tot Ion: 77 Resp: 197857

Ion Ratio Lower Upper

77 100

105 96.4 81.1 121.1

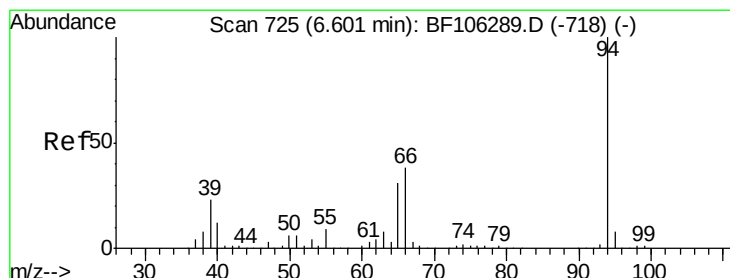
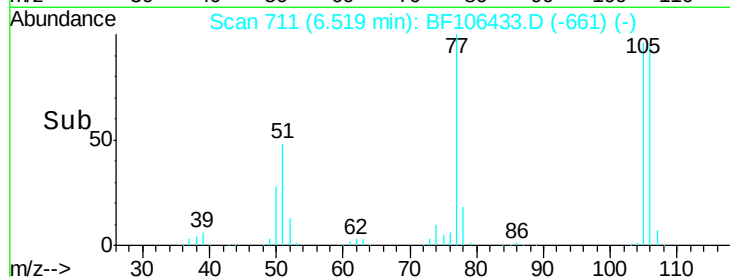
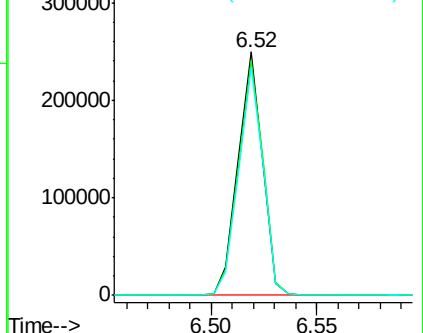
106 93.7 74.5 114.5



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: 35.720 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

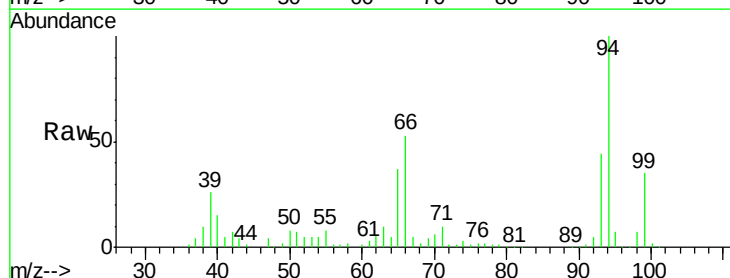
Tgt Ion: 94 Resp: 377198

Ion Ratio Lower Upper

94 100

65 37.1 7.9 47.9

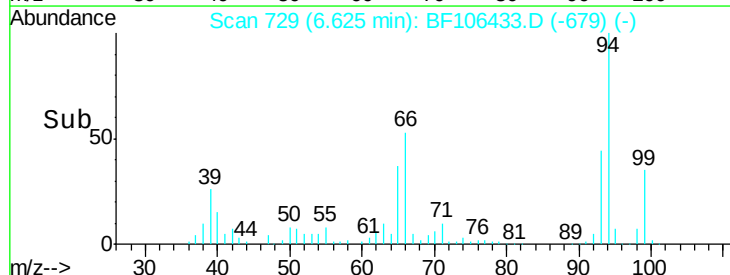
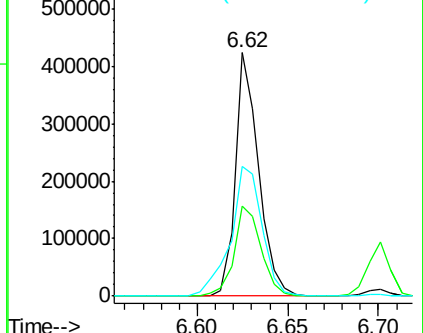
66 53.2 16.2 56.2

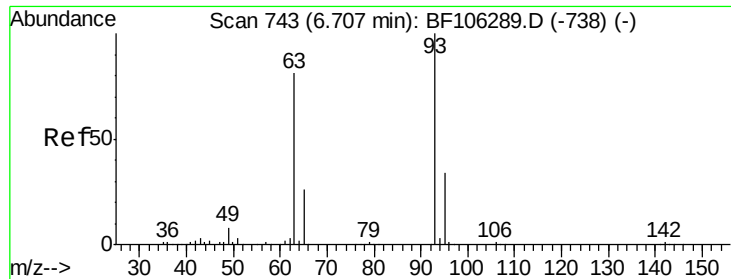


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

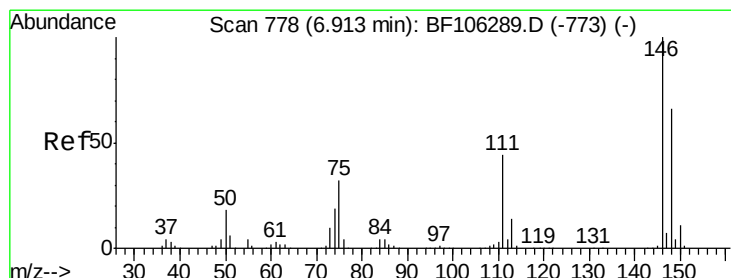
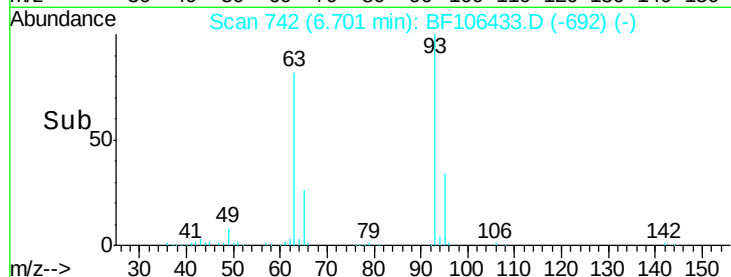
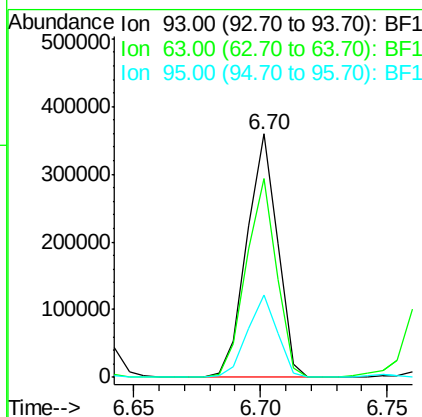
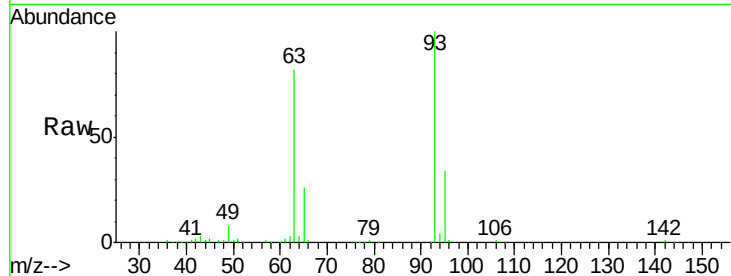




#11
bis(2-Chloroethyl)ether
Concen: 33.627 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

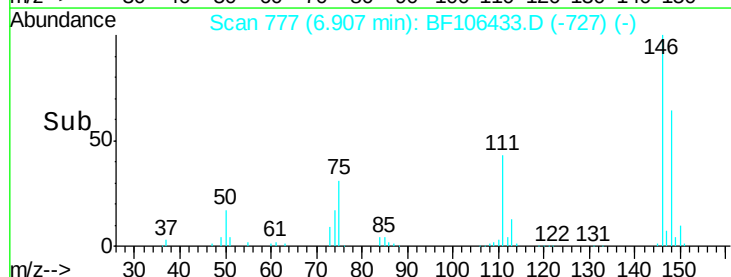
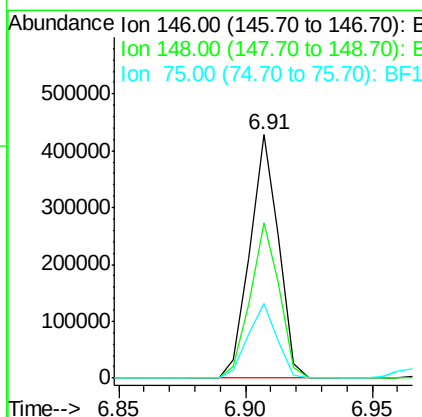
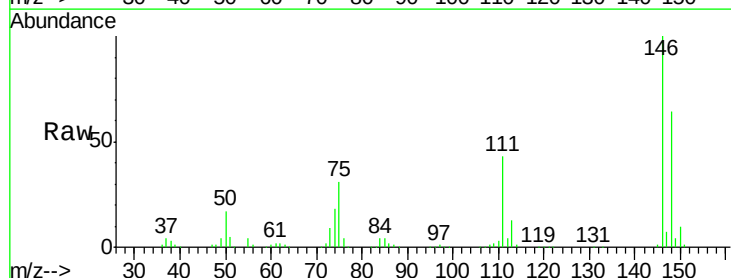
Instrument :
BNA_F
ClientSampled :

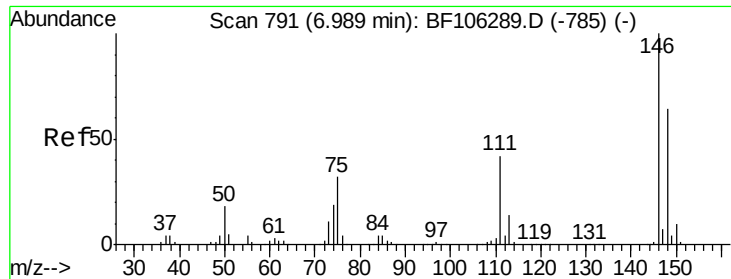
Tot Ion: 93 Resp: 303982
Ion Ratio Lower Upper
93 100
63 81.9 58.6 98.6
95 33.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.694 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion: 146 Resp: 336194
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 30.9 24.2 36.4

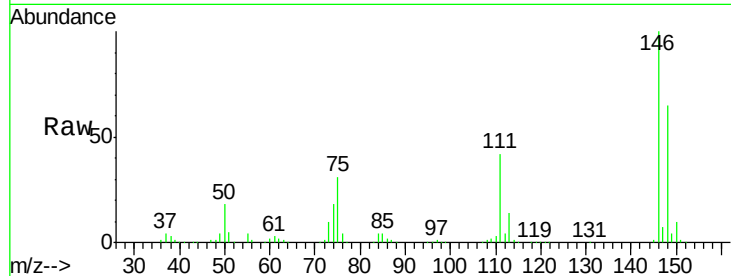




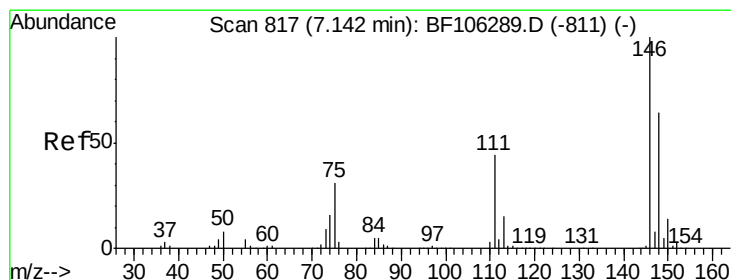
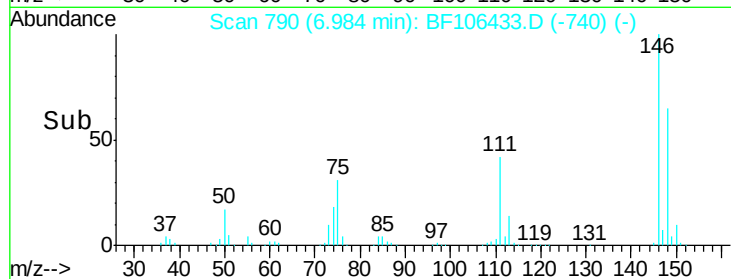
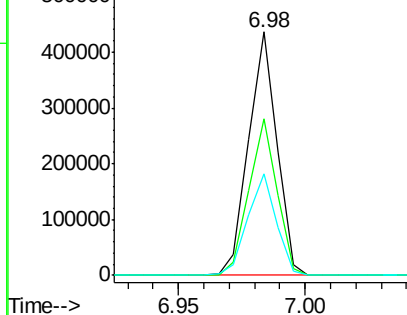
#13
 1,4-Dichlorobenzene
 Concen: 34.515 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	41.6	34.2	51.2

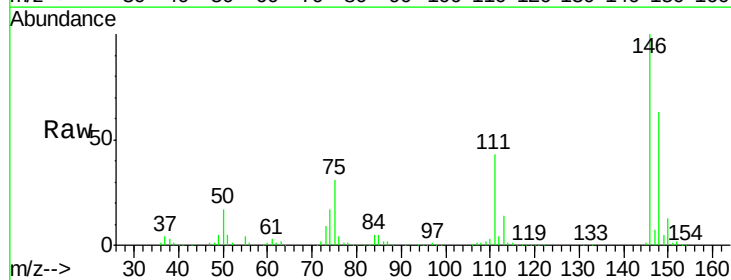


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

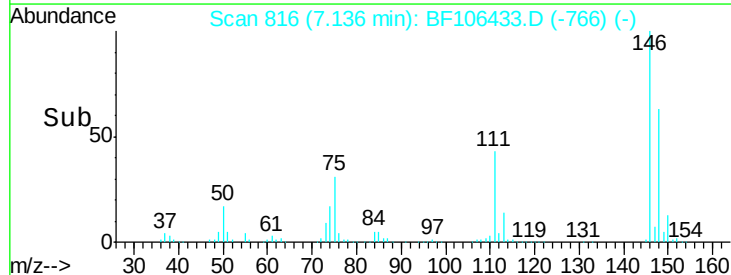
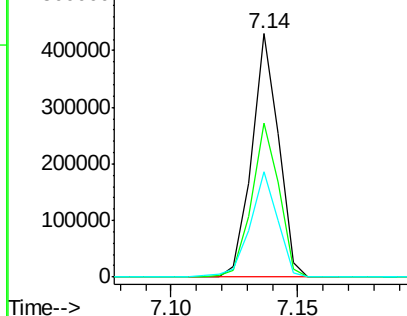


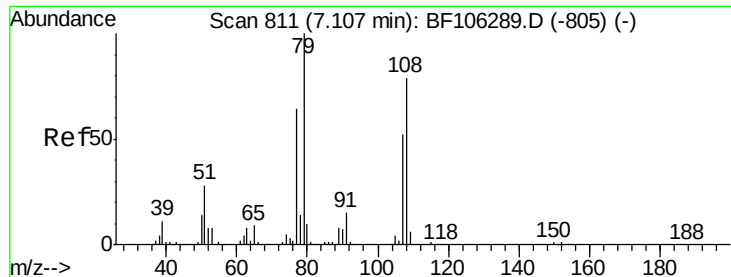
#14
 1,2-Dichlorobenzene
 Concen: 34.153 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	43.5	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 33.120 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

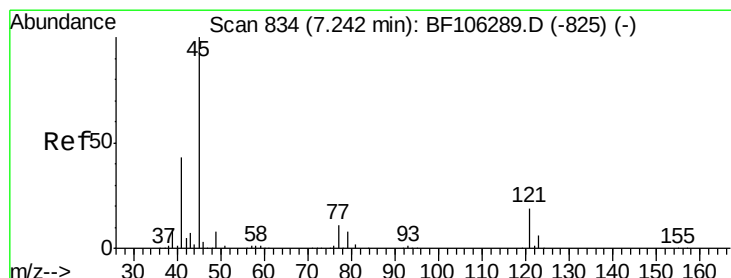
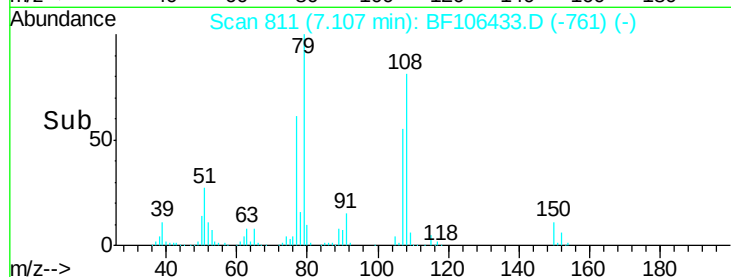
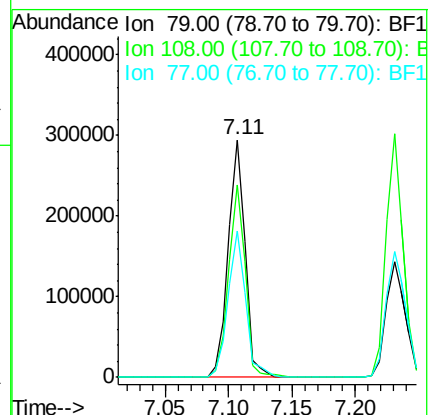
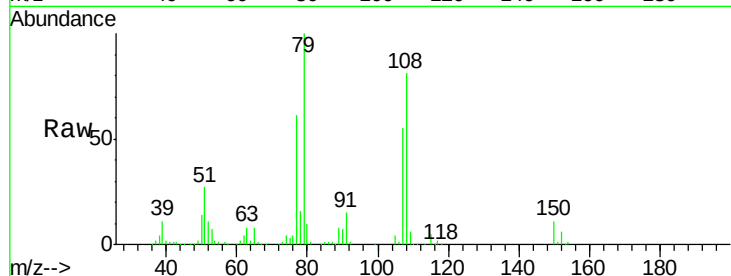
Tot Ion: 79 Resp: 274365

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.959 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

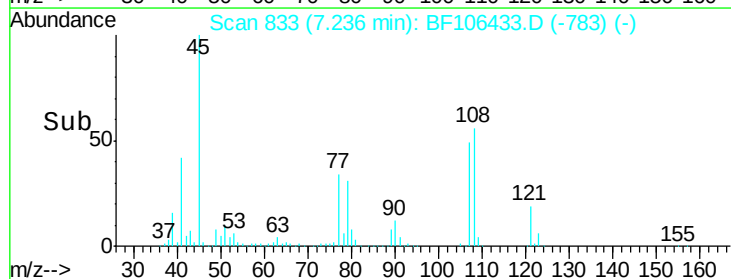
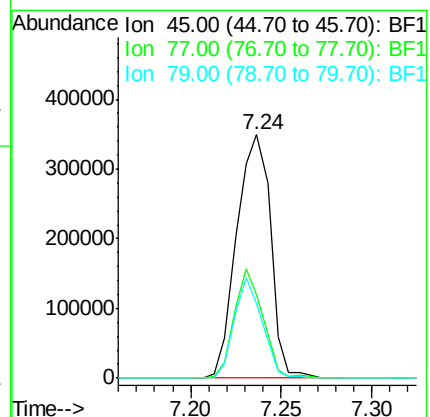
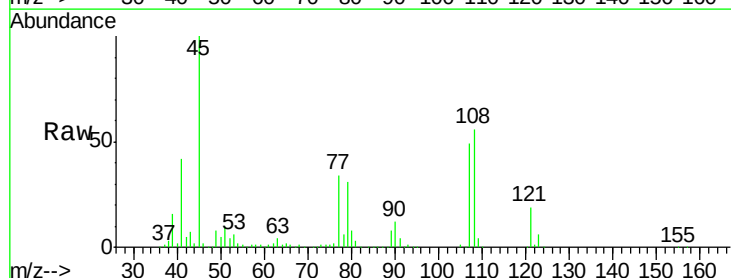
Tgt Ion: 45 Resp: 453012

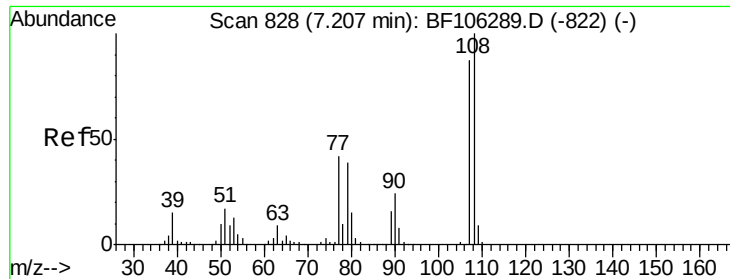
Ion Ratio Lower Upper

45 100

77 34.5 0.0 32.9#

79 30.6 0.0 29.6#

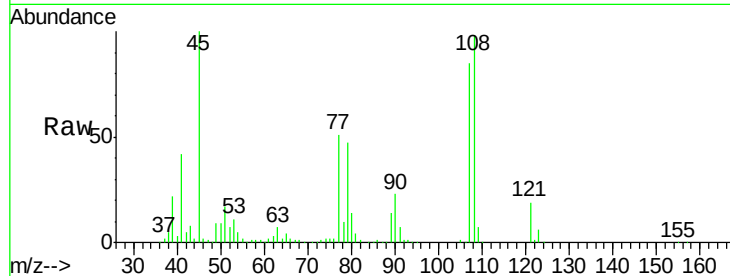




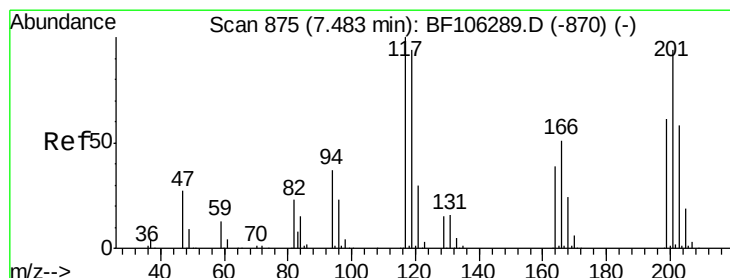
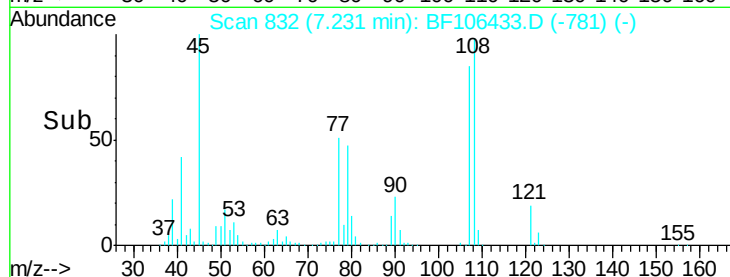
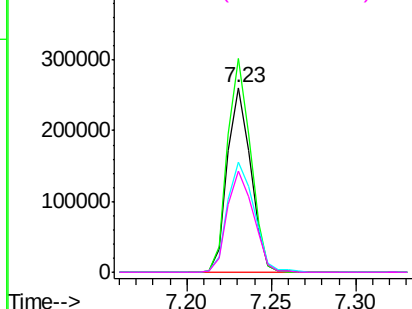
#17
2-Methylphenol
Concen: 34.304 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 251991
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 59.6 33.8 50.8#
79 54.9 33.8 50.8#

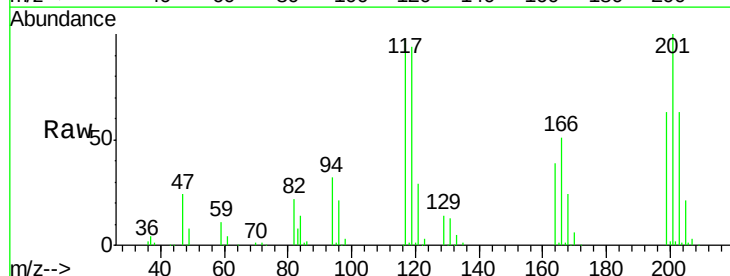


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

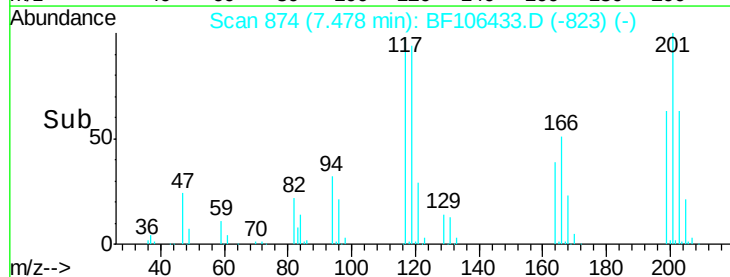
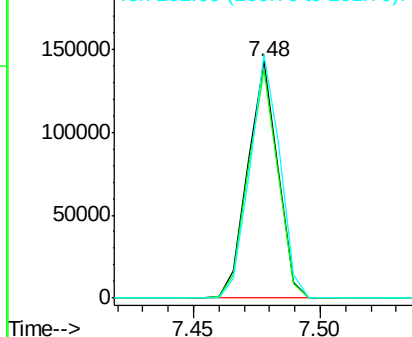


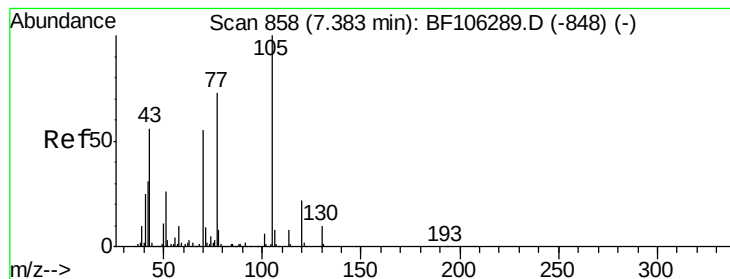
#18
Hexachloroethane
Concen: 33.439 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion:117 Resp: 117166
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 102.7 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 29.791 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 216193

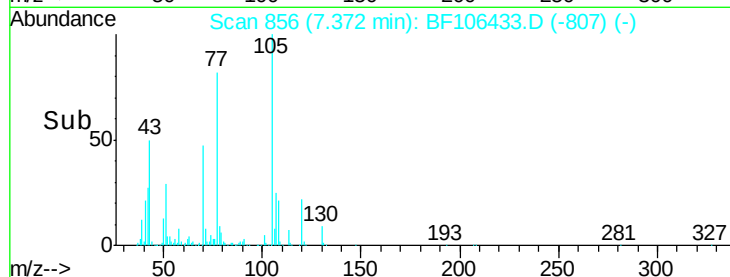
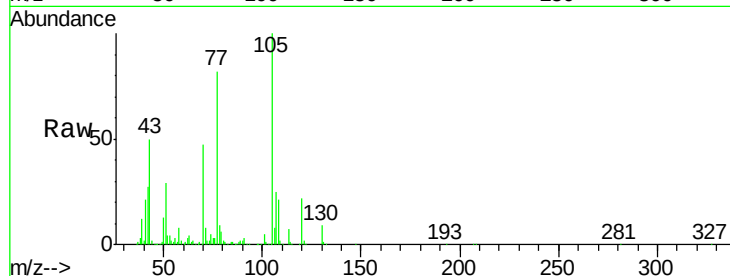
Ion Ratio Lower Upper

70 100

42 57.0 47.5 71.3

101 9.6 7.4 11.2

130 18.8 16.6 25.0

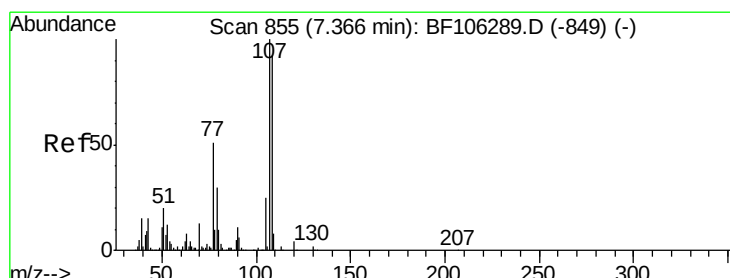
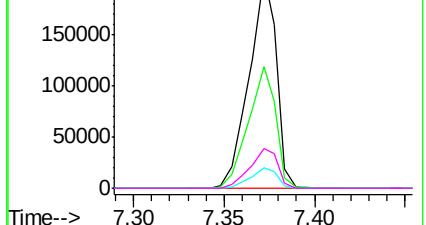


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.758 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Tgt Ion:107 Resp: 335908

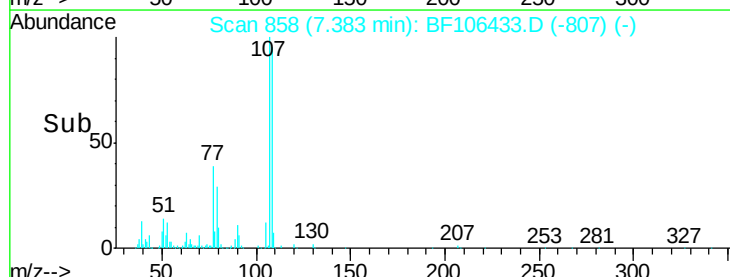
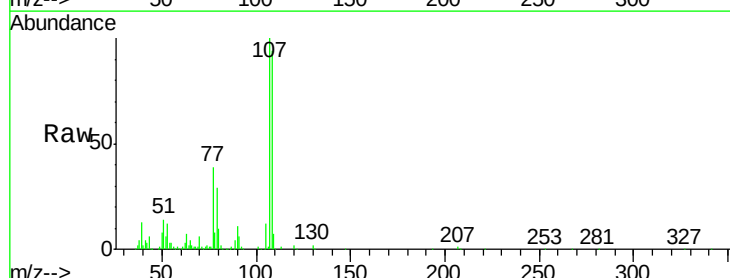
Ion Ratio Lower Upper

107 100

108 94.4 68.2 108.2

77 39.4 26.7 66.7

79 29.2 6.3 46.3

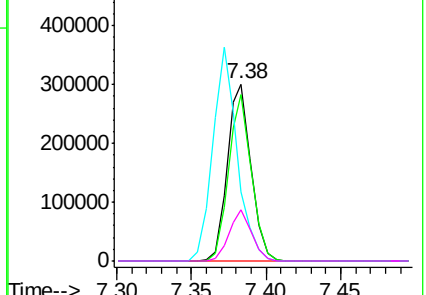


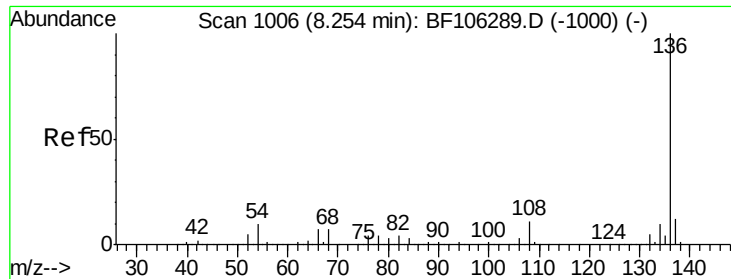
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

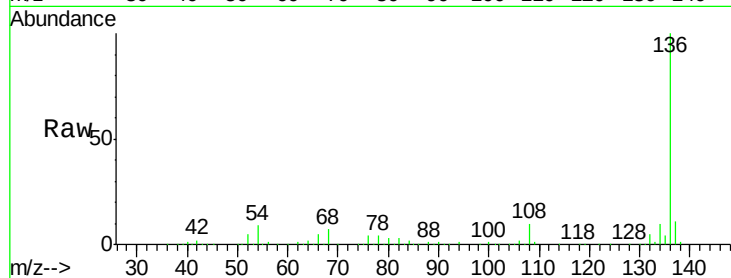




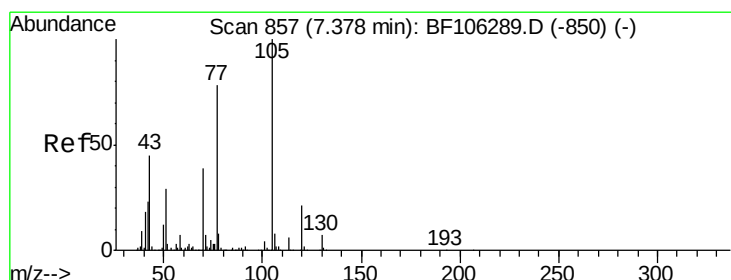
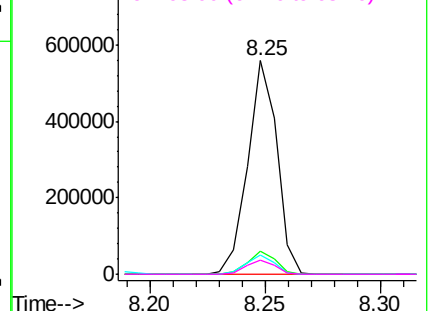
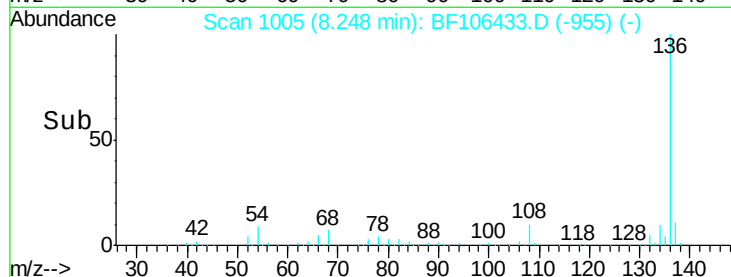
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	495560
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.1	6.6 9.8
68	6.7	5.0 7.4

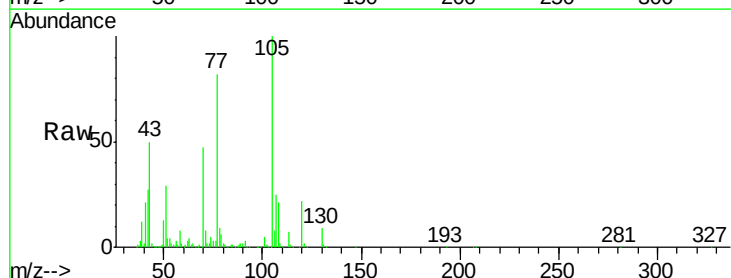


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

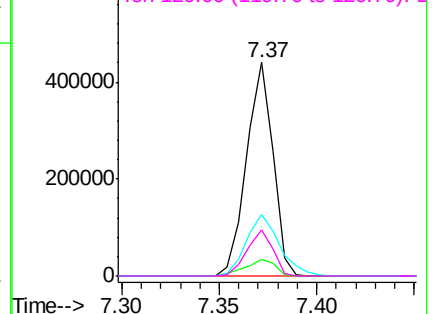
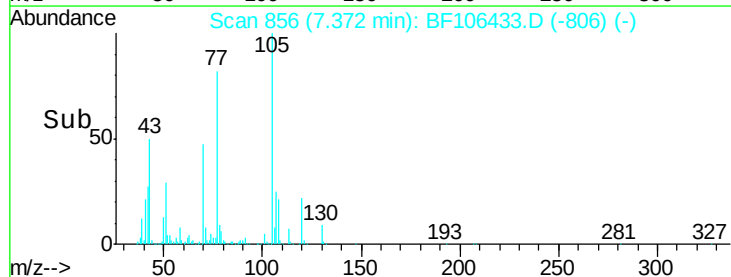


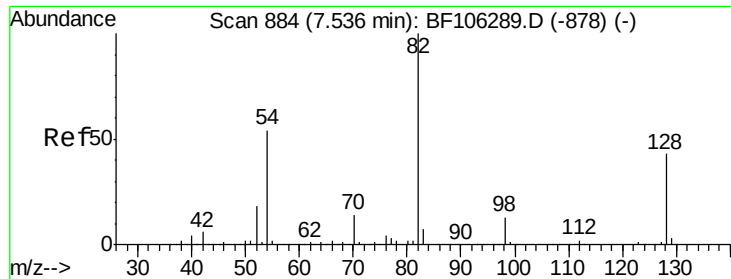
#22
Acetophenone
Concen: 33.214 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion:105	Resp:	414793
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.4 6.6#
51	28.8	22.3 33.5
120	21.7	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

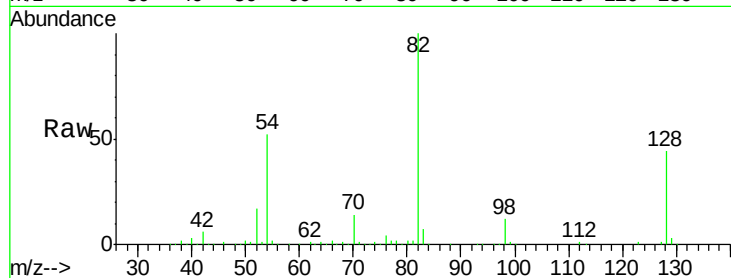




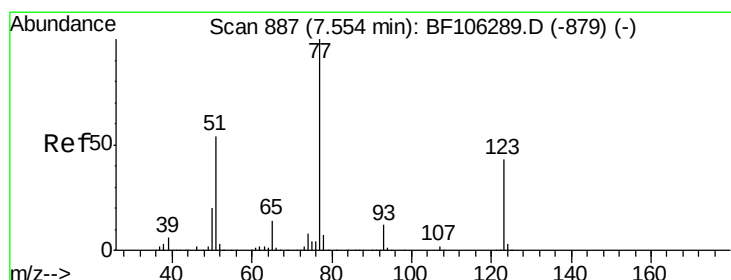
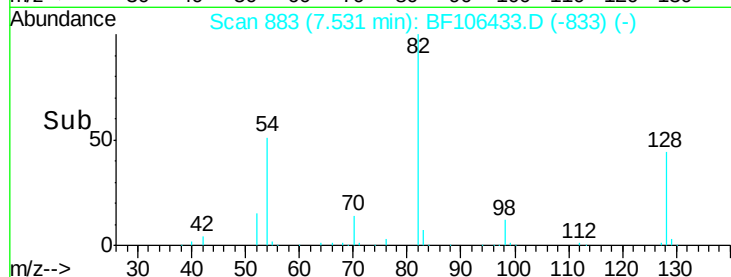
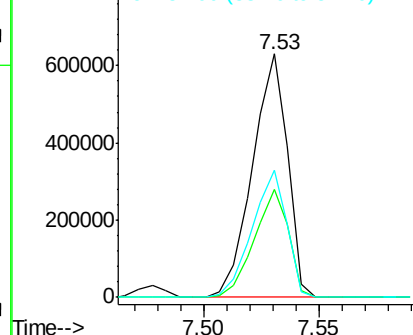
#23
Nitrobenzene-d5
Concen: 78.943 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	664998
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.1	54.1
54	52.1	41.4	62.2

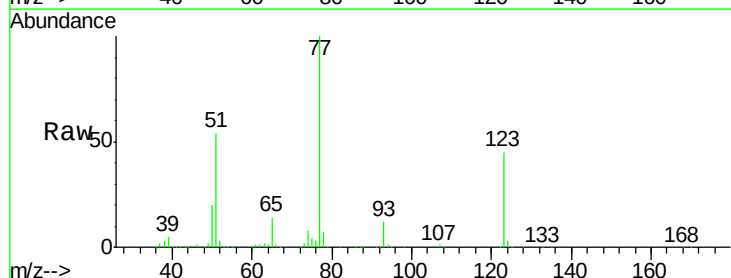


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

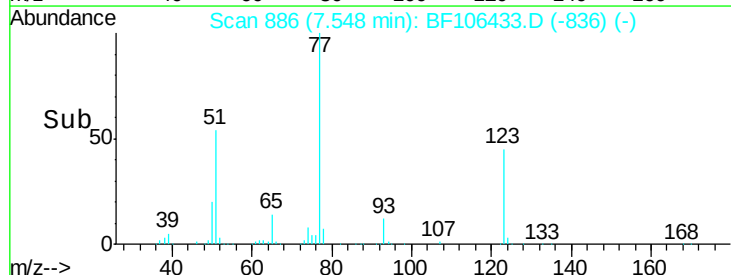
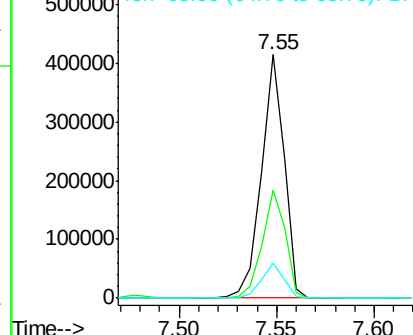


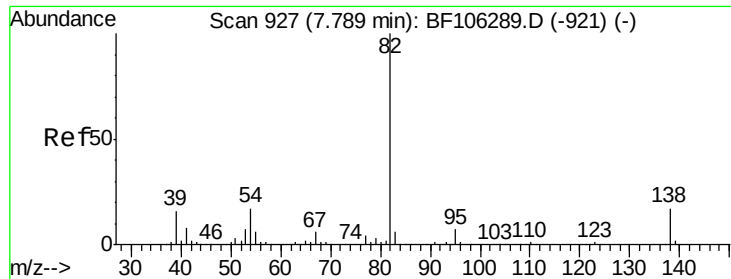
#24
Nitrobenzene
Concen: 36.618 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion	77	Resp	335267
Ion Ratio	Lower	Upper	
77	100		
123	44.5	37.9	56.9
65	14.3	11.0	16.4



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





#25

Isophorone

Concen: 37.254 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

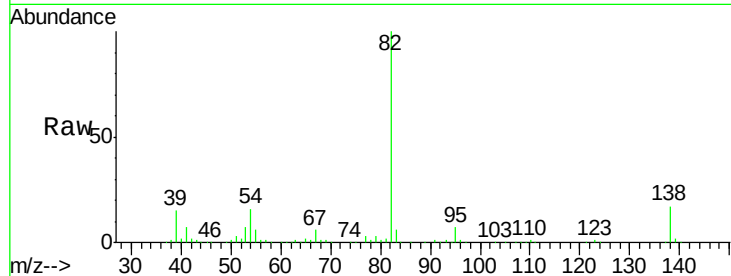
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 612967

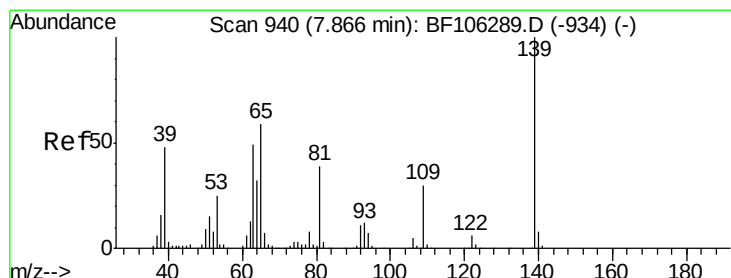
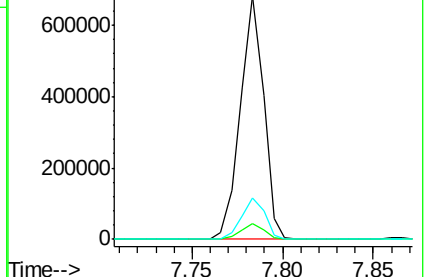
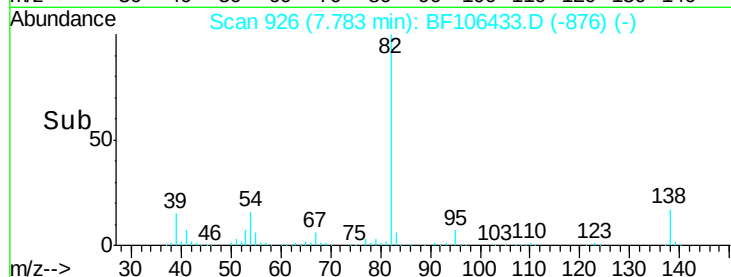
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	17.0	14.9	22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.412 ng

RT: 7.87 min Scan# 940

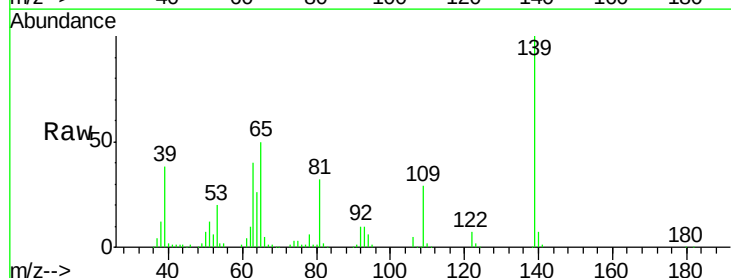
Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Tgt Ion: 139 Resp: 161388

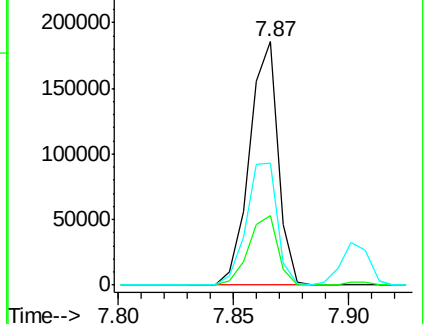
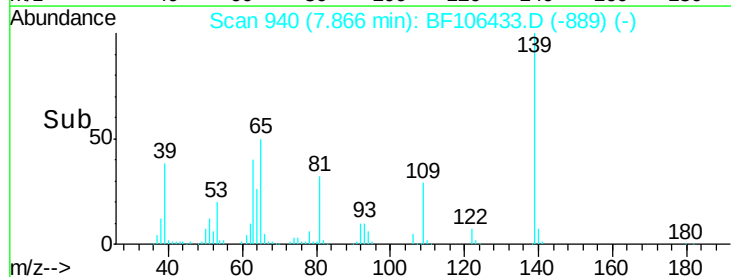
Ion	Ratio	Lower	Upper
139	100		
109	28.7	22.7	34.1
65	50.2	40.5	60.7

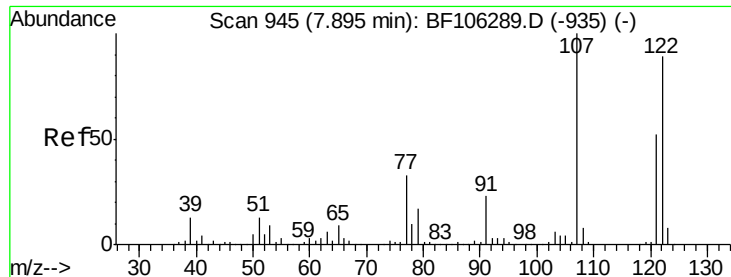


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

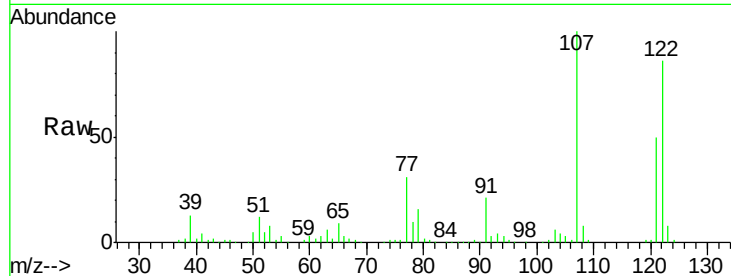




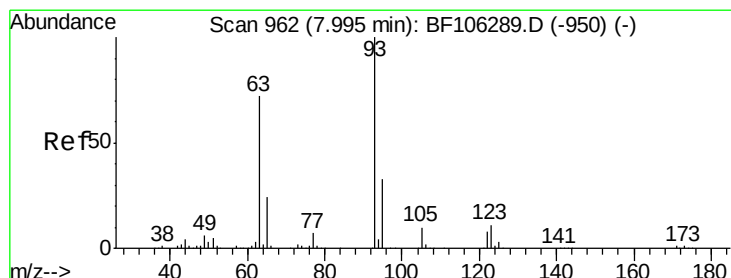
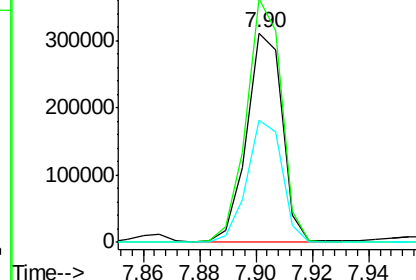
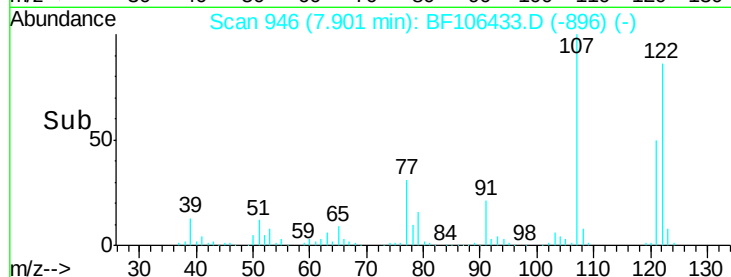
#27
 2,4-Dimethylphenol
 Concen: 39.404 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 122 Resp: 274471
 Ion Ratio Lower Upper
 122 100
 107 116.4 91.2 136.8
 121 58.6 47.2 70.8

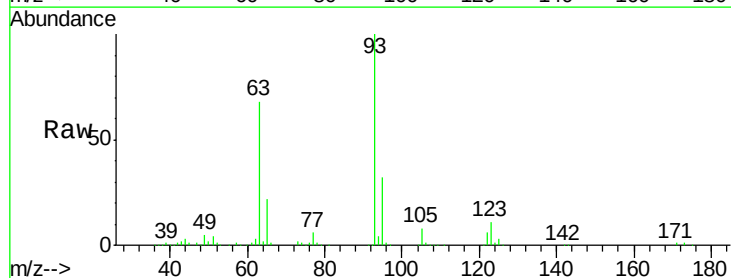


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

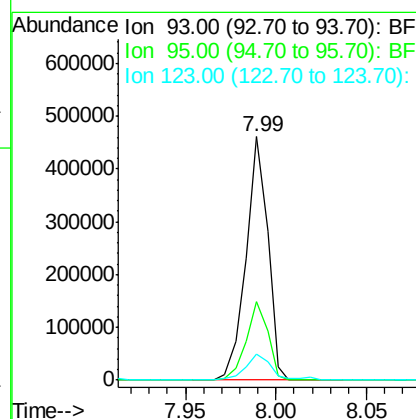
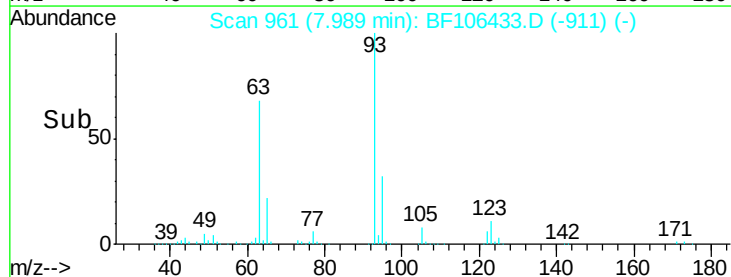


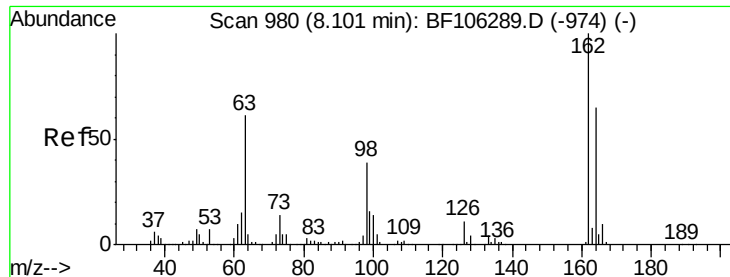
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.983 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion: 93 Resp: 383893
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 10.8 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 39.647 ng

RT: 8.12 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

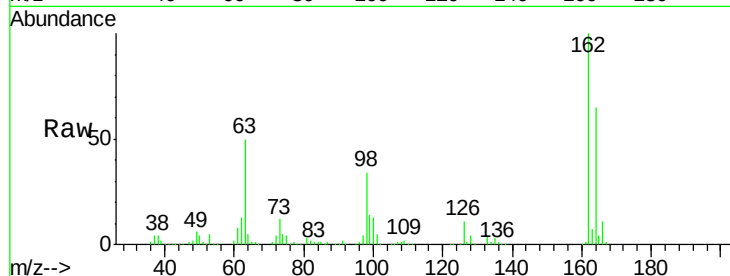
Tot Ion:162 Resp: 266429

Ion Ratio Lower Upper

162 100

164 65.1 42.7 82.7

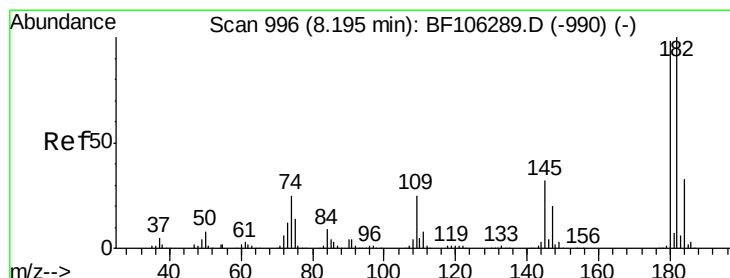
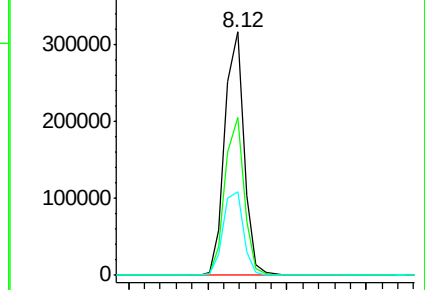
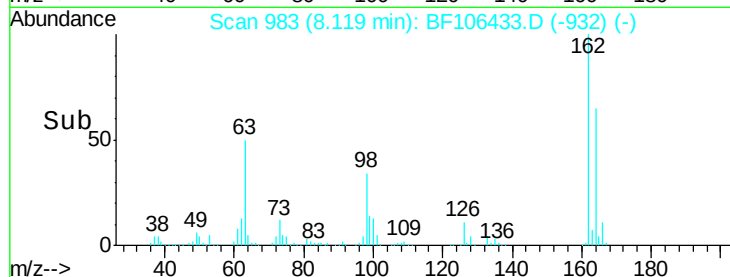
98 34.5 18.1 58.1



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: 36.408 ng

RT: 8.19 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

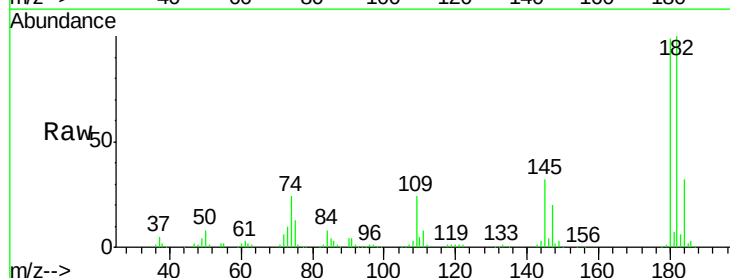
Tgt Ion:180 Resp: 274323

Ion Ratio Lower Upper

180 100

182 101.3 76.8 115.2

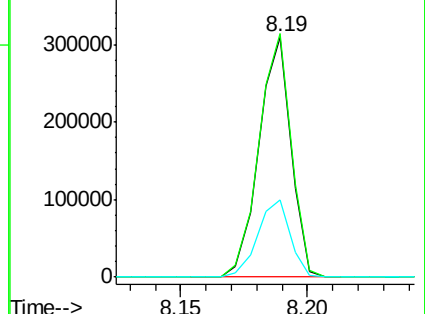
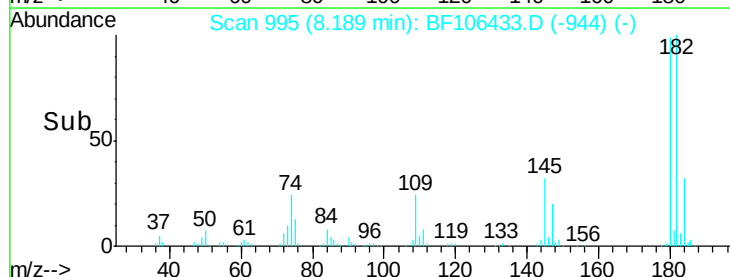
145 32.0 26.5 39.7

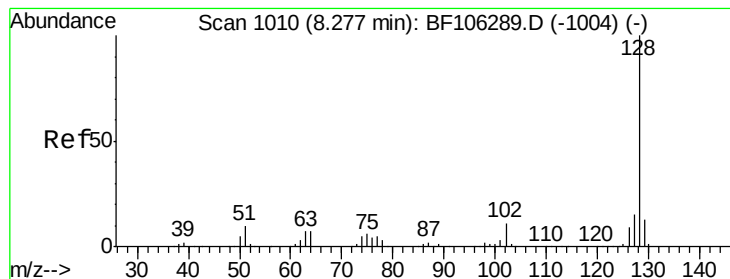


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.279 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

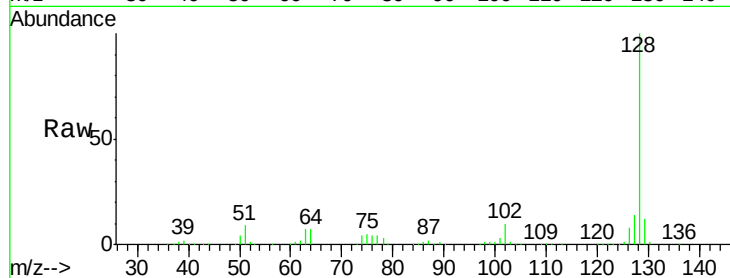
Tot Ion:128 Resp: 835124

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

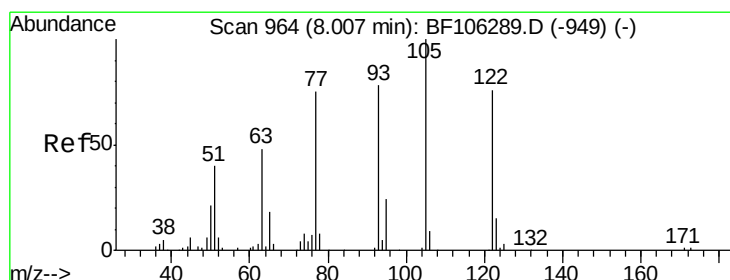
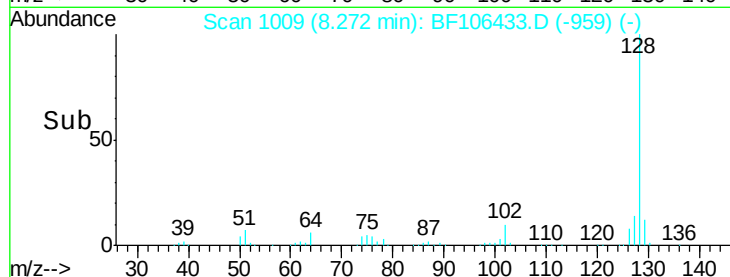
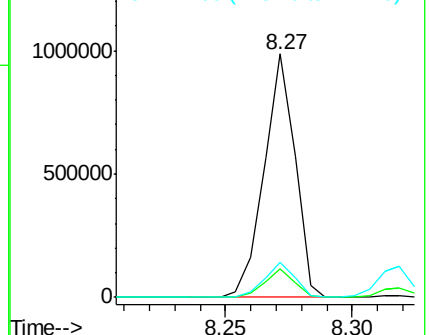
127 14.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.491 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

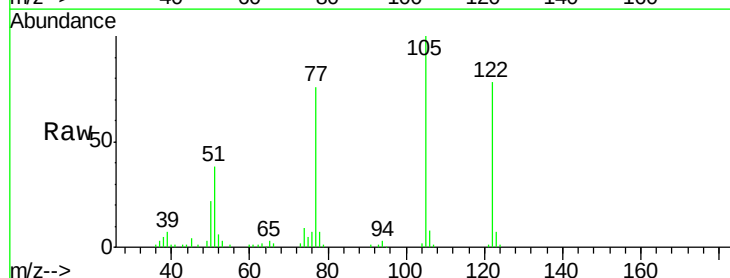
Tgt Ion:122 Resp: 146600

Ion Ratio Lower Upper

122 100

105 127.5 101.1 141.1

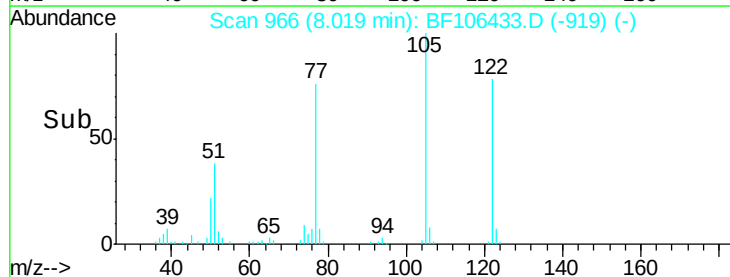
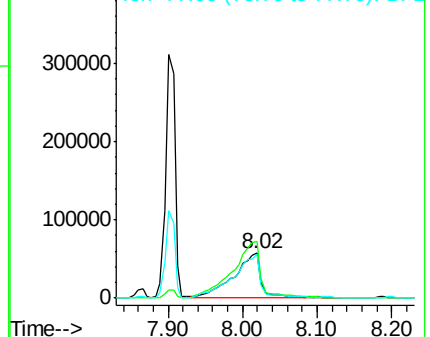
77 97.4 70.7 110.7

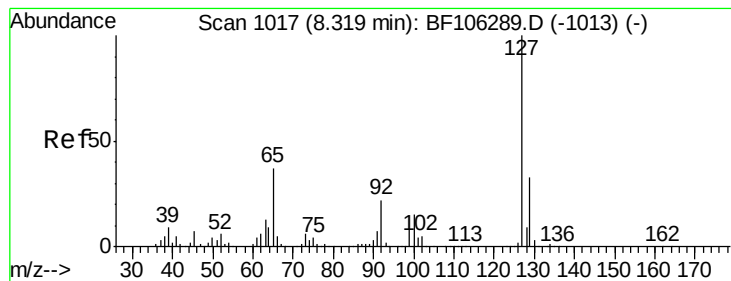


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.291 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 122024

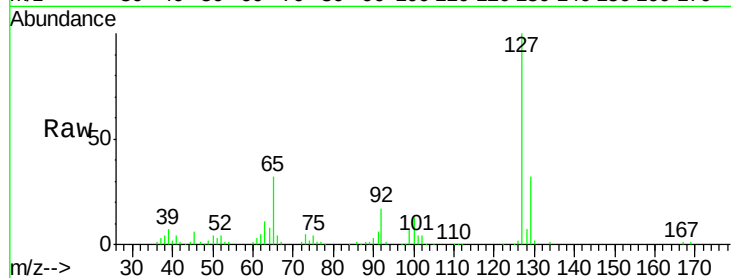
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 31.9 25.0 37.4

92 17.5 15.2 22.8

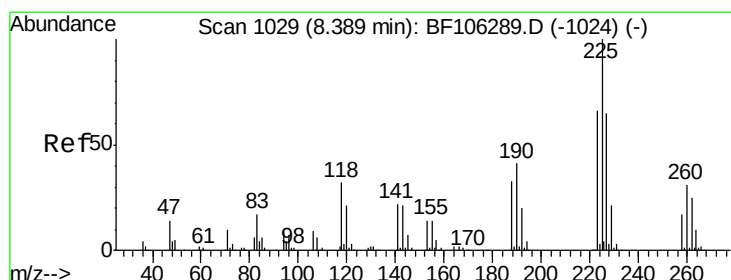
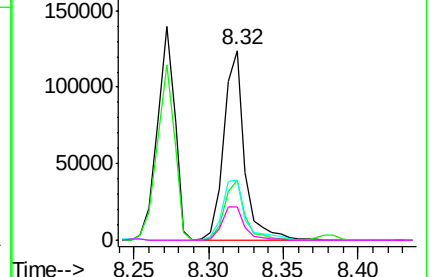
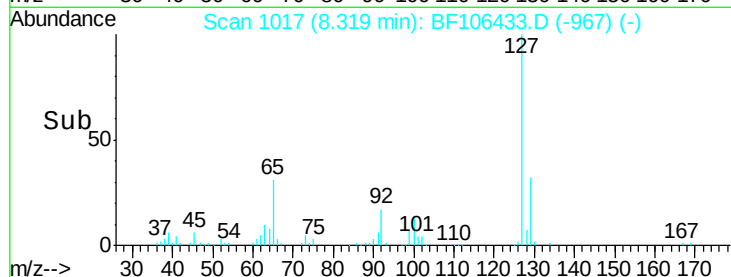


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.875 ng

RT: 8.38 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

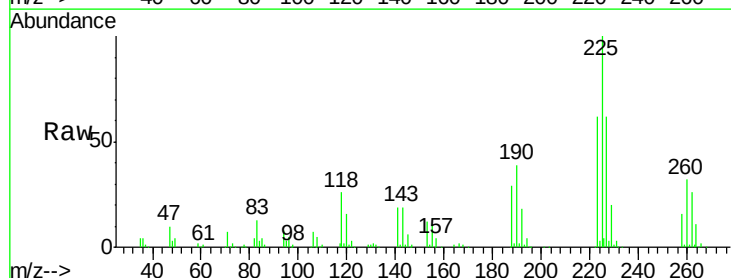
Tgt Ion:225 Resp: 178503

Ion Ratio Lower Upper

225 100

223 62.4 50.6 76.0

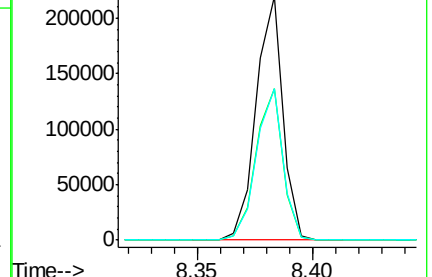
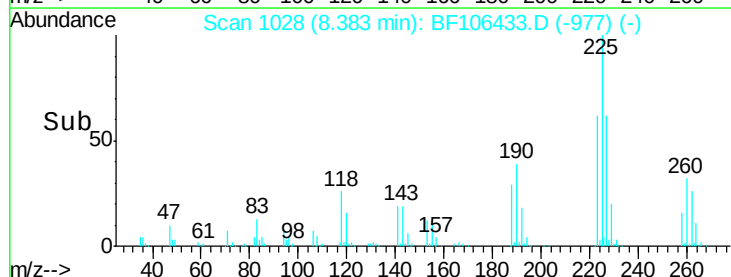
227 62.2 51.9 77.9

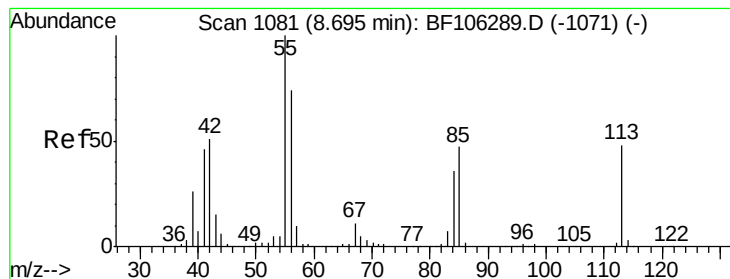


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.427 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

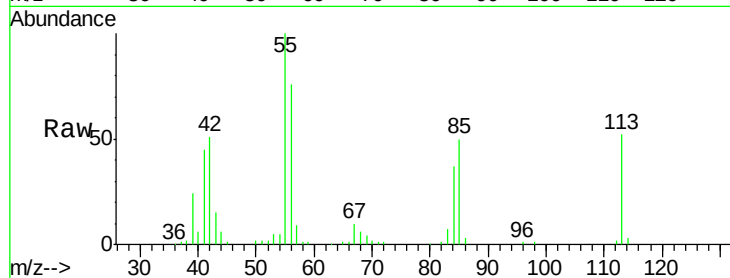
Tot Ion:113 Resp: 64615

Ion Ratio Lower Upper

113 100

55 191.3 163.3 203.3

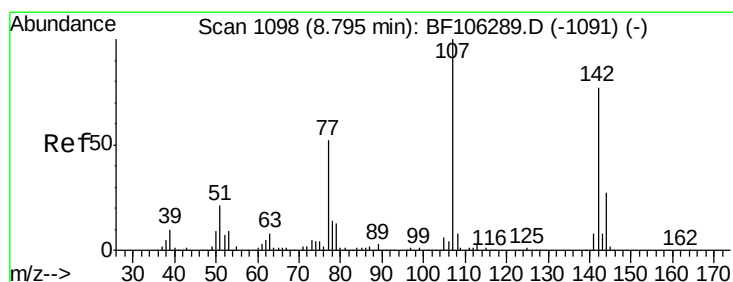
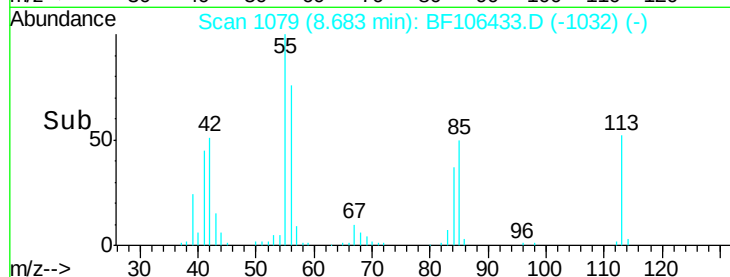
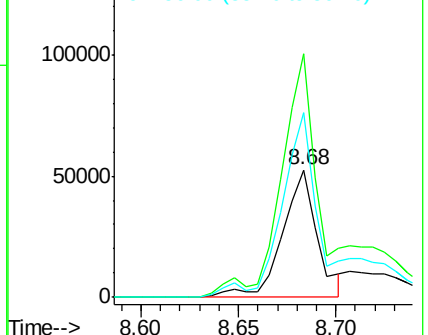
56 145.2 115.7 155.7



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: 38.196 ng

RT: 8.81 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

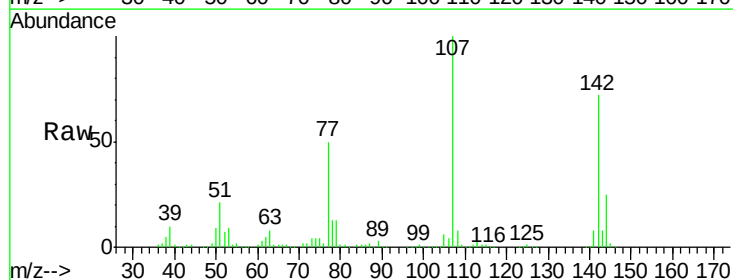
Tgt Ion:107 Resp: 283924

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

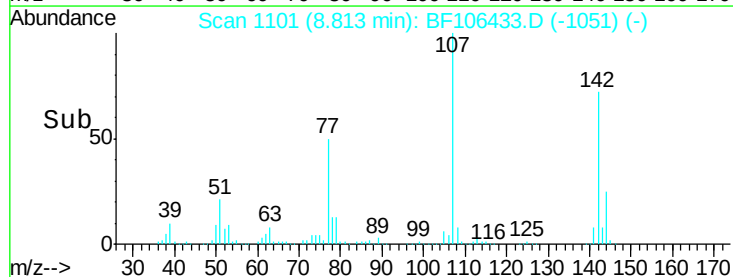
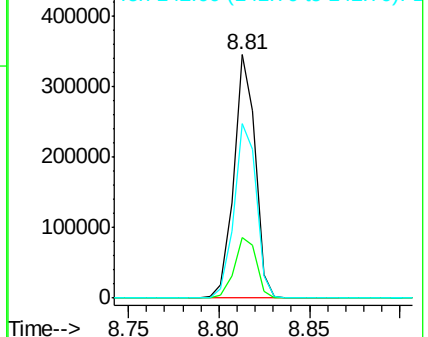
142 71.8 62.0 93.0

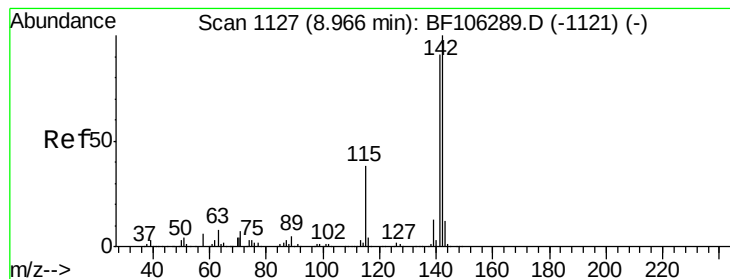


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.148 ng

RT: 8.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

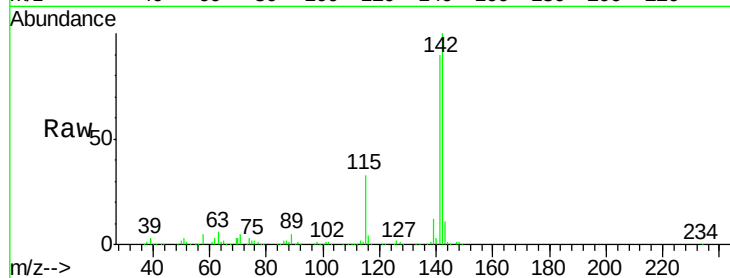
Tot Ion:142 Resp: 582059

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2

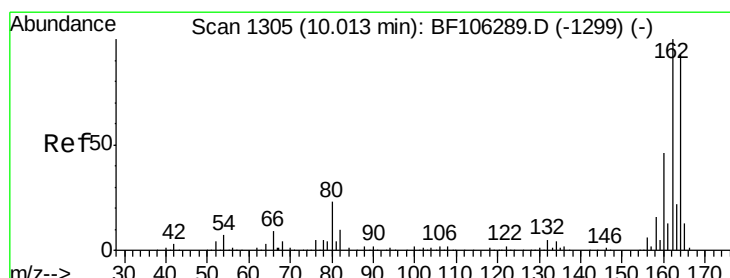
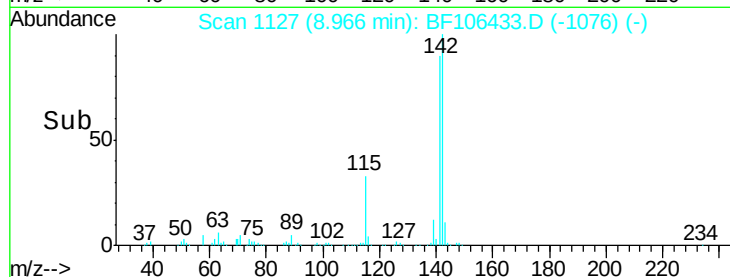
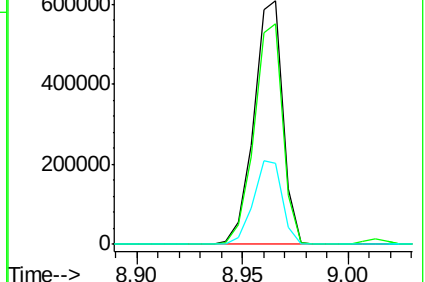
115 33.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

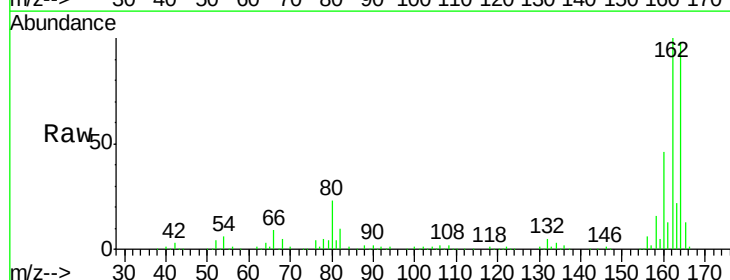
Tgt Ion:164 Resp: 240884

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

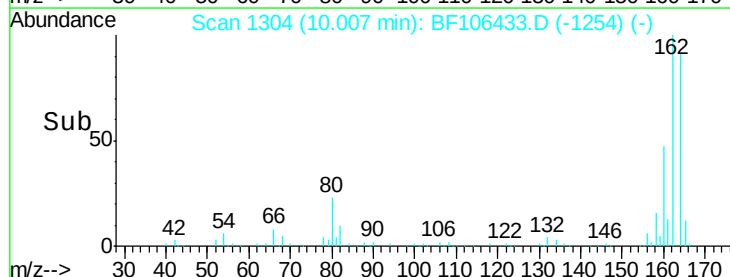
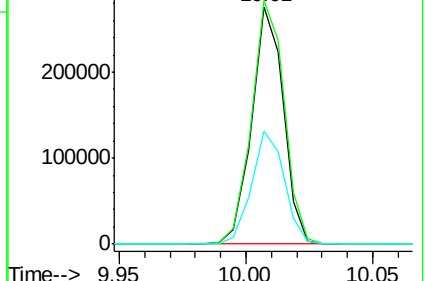
160 47.6 38.3 57.5

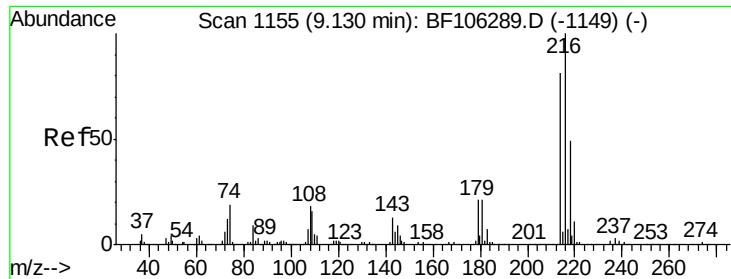


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

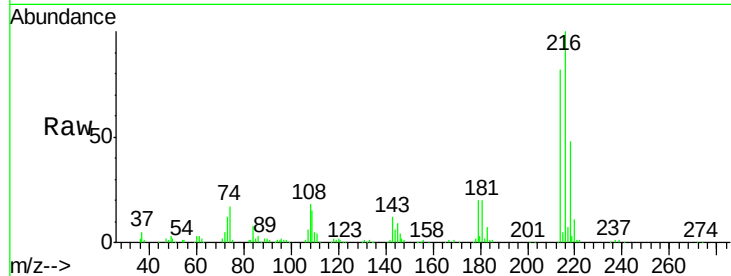




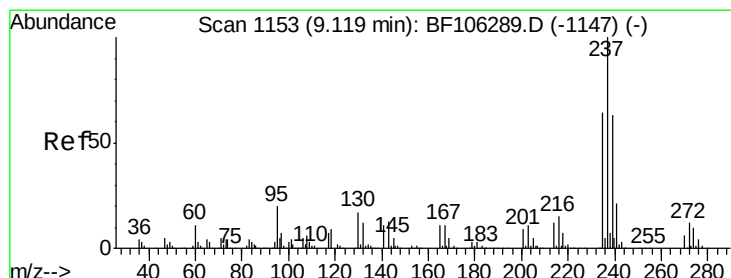
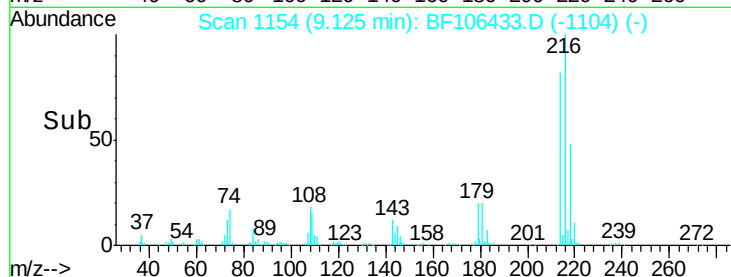
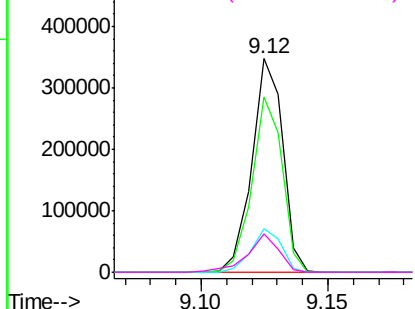
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.745 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	295160
Ion Ratio	Lower	Upper
216	100	
214	80.6	63.0 94.4
179	19.9	18.1 27.1
108	18.2	17.2 25.8

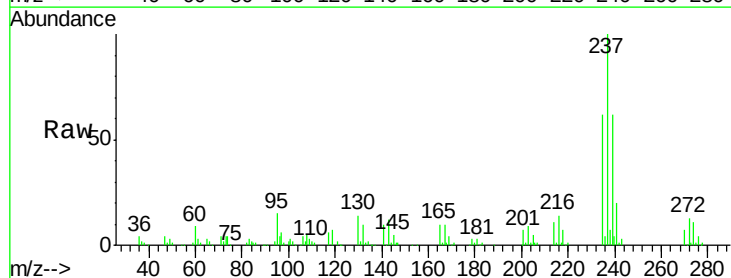


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

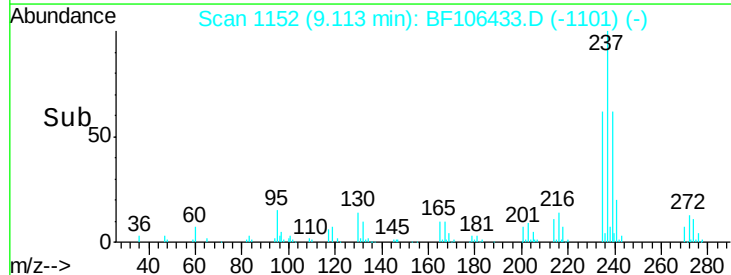
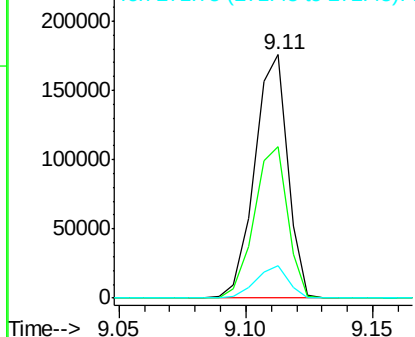


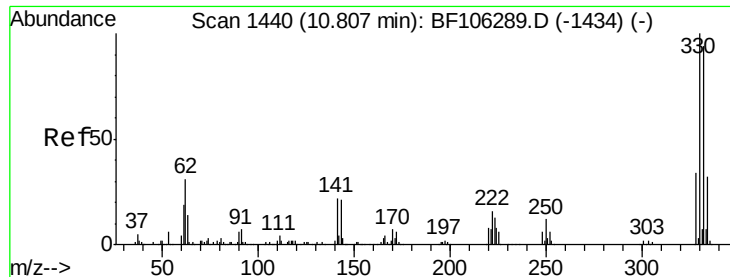
#40
 Hexachlorocyclopentadiene
 Concen: 37.282 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion:237	Resp:	160851
Ion Ratio	Lower	Upper
237	100	
235	62.1	44.8 84.8
272	13.2	0.0 33.3



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

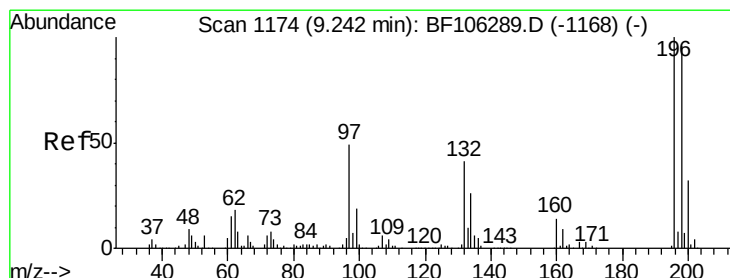
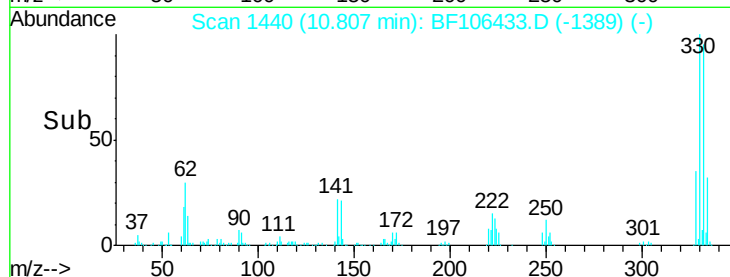
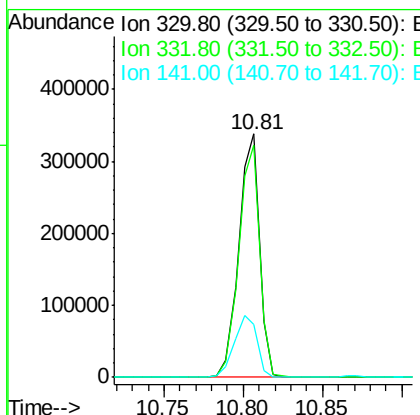
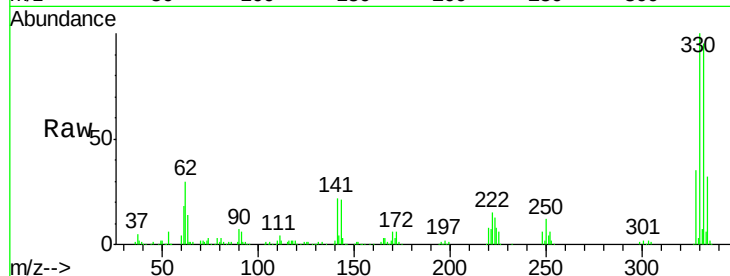




#41
 2,4,6-Tribromophenol
 Concen: 132.084 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

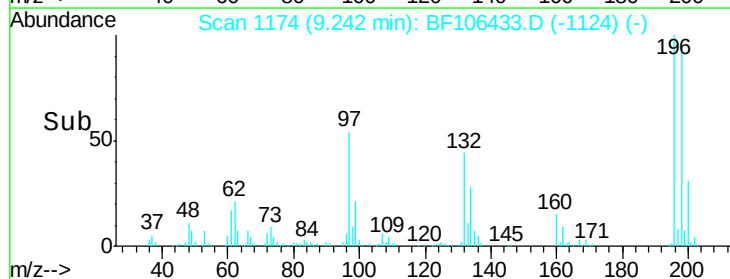
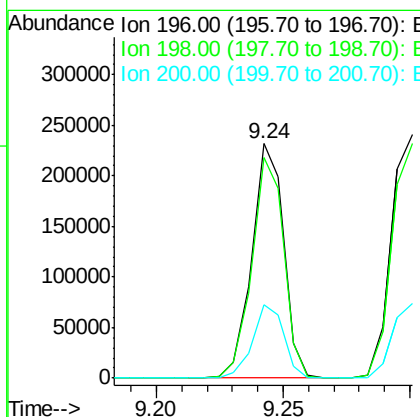
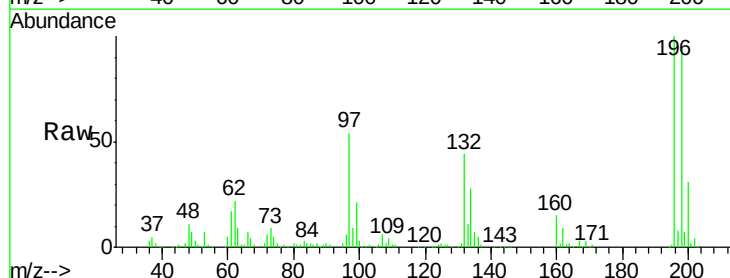
Instrument :
 BNA_F
 ClientSampleId :

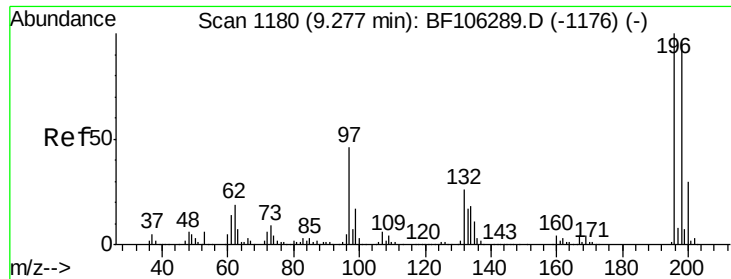
Tot Ion	330	Resp	306135
Ion Ratio	100	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.936 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion	196	Resp	203998
Ion Ratio	100	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	31.2	24.5	36.7

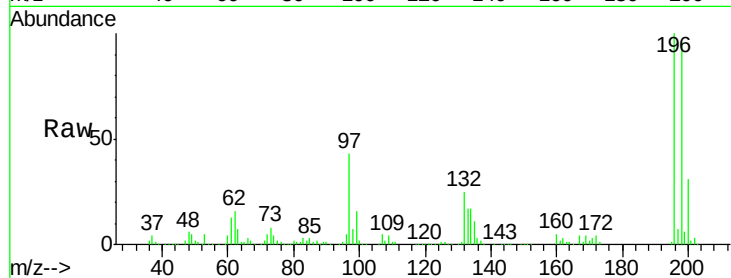




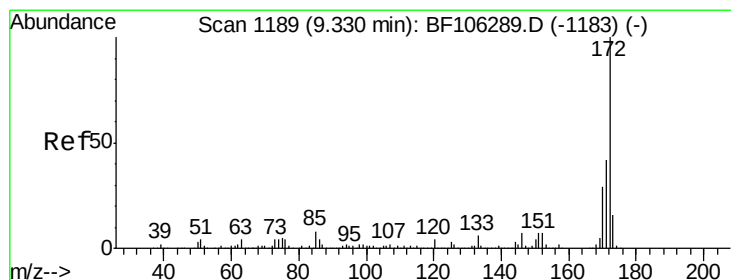
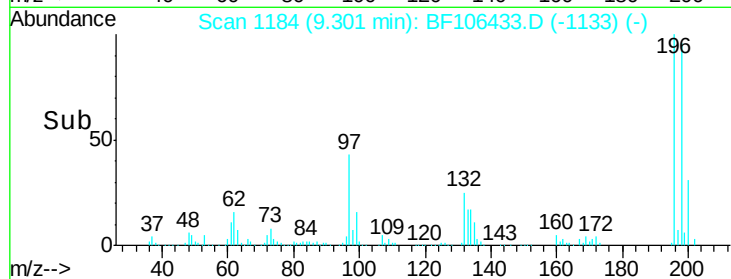
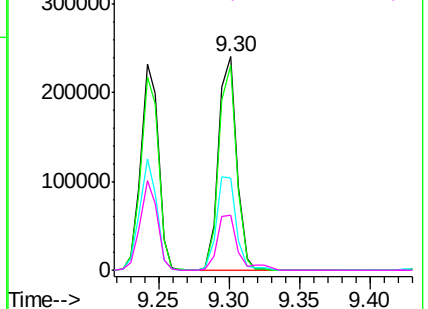
#43
 2,4,5-Trichlorophenol
 Concen: 40.459 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	42.9	42.9	64.3
132	25.5	26.3	39.5

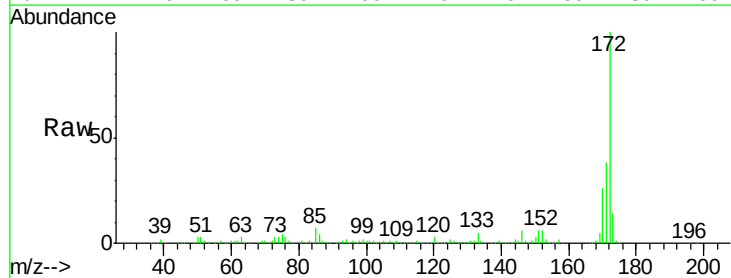


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

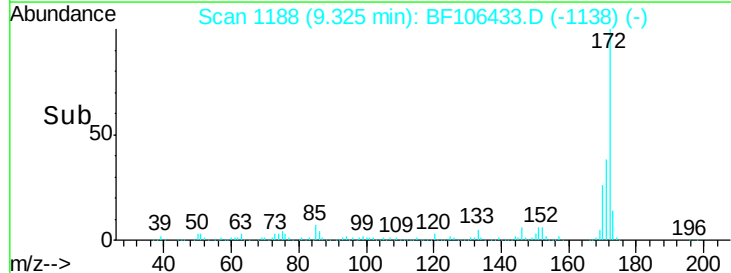
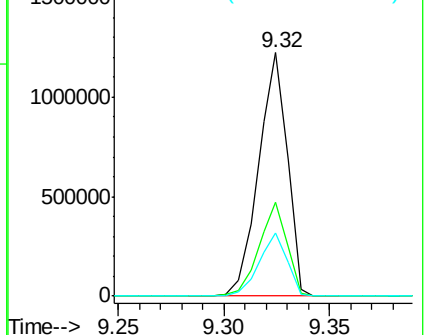


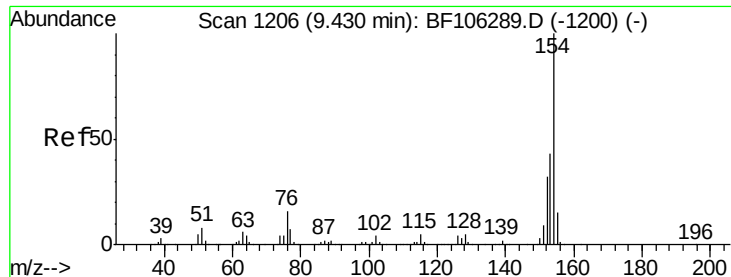
#44
 2-Fluorobiphenyl
 Concen: 85.419 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

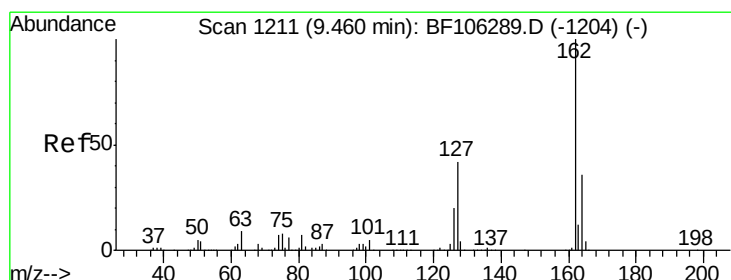
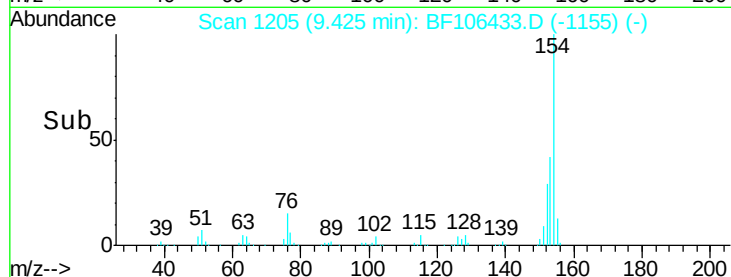
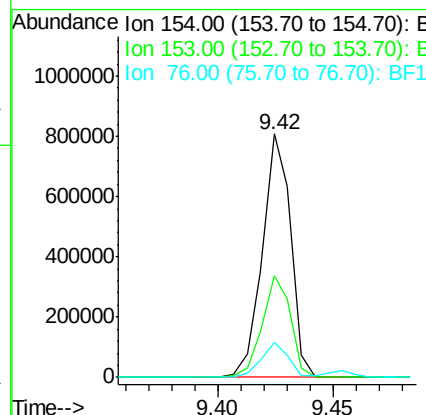
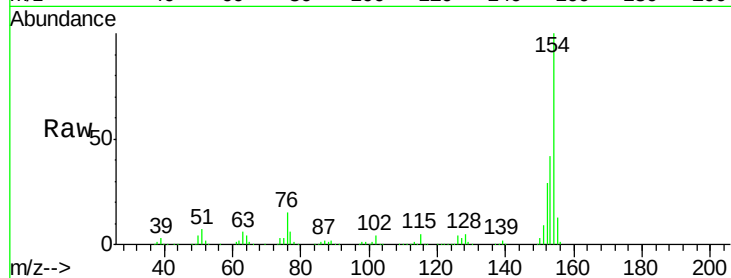




#45
 1,1'-Biphenyl
 Concen: 37.060 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

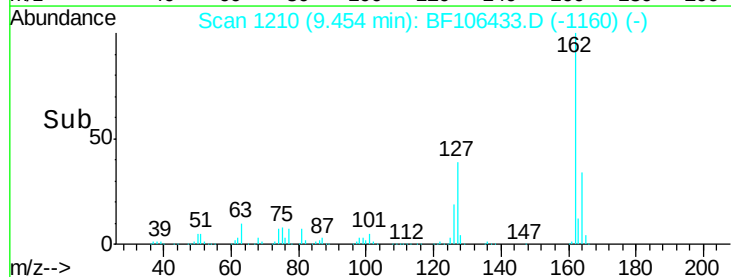
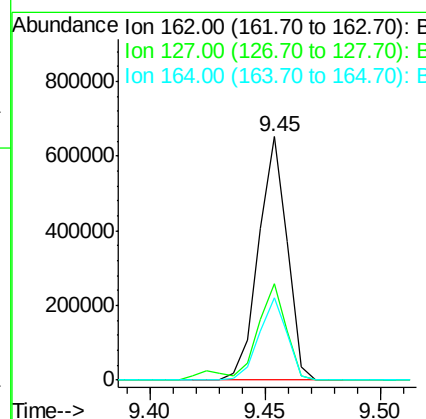
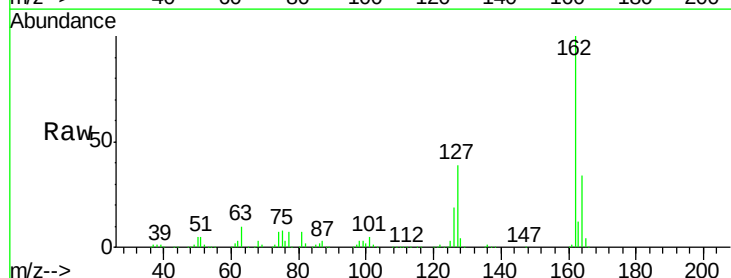
Instrument :
 BNA_F
 ClientSampleId :

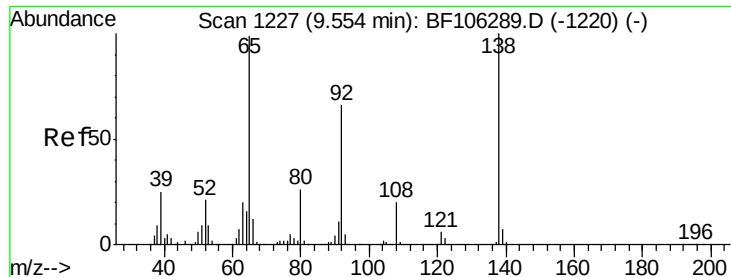
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	14.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 37.632 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	33.6	26.5	39.7

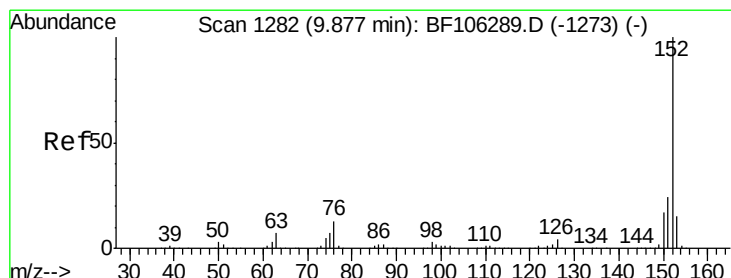
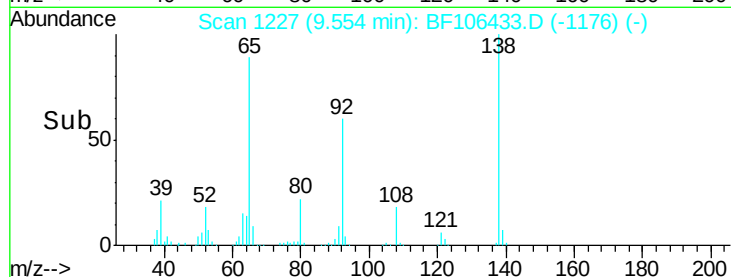
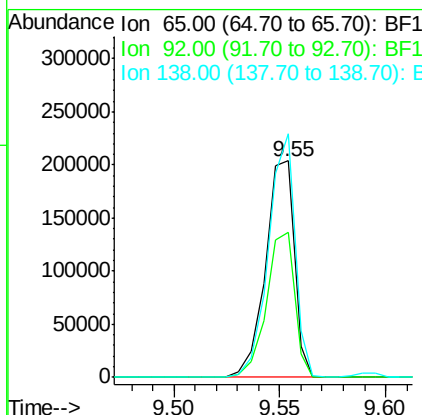
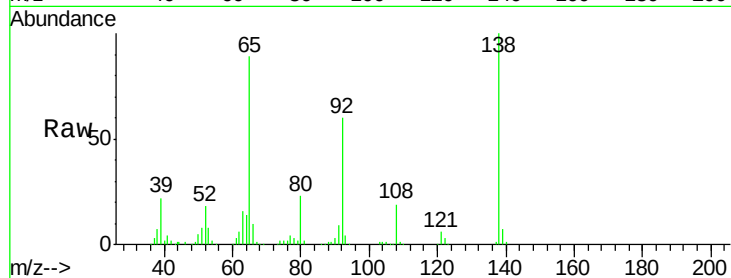




#47
2-Nitroaniline
Concen: 41.438 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

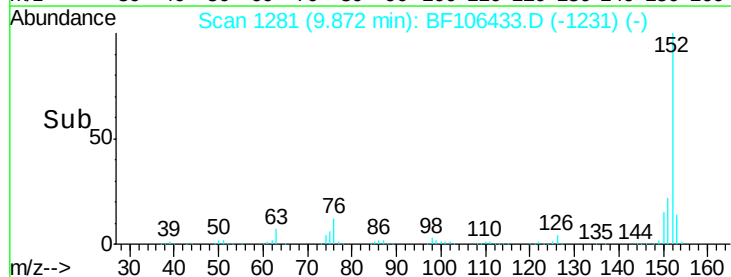
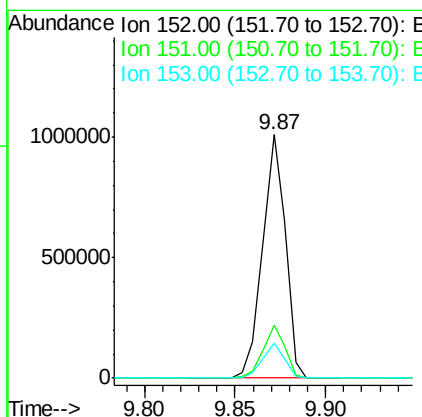
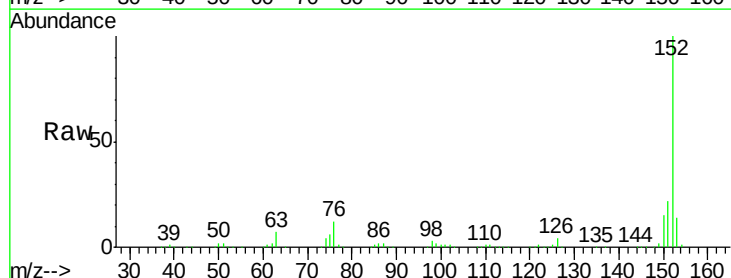
Instrument :
BNA_F
ClientSampled :

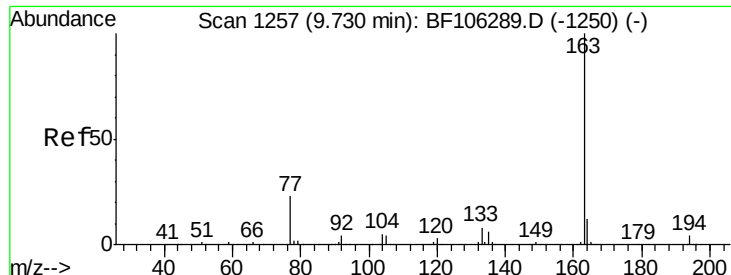
Tot Ion	65	92	138	Resp	194635
Ion Ratio	100	67.3	112.6		
Lower		55.8	91.2		
Upper		83.6	136.8		



#48
Acenaphthylene
Concen: 38.837 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion	152	151	153	Resp	887573
Ion Ratio	100	21.9	14.3		
Lower		16.3	10.7		
Upper		24.5	16.1		

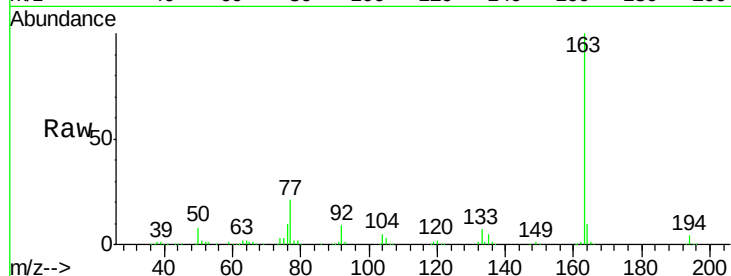




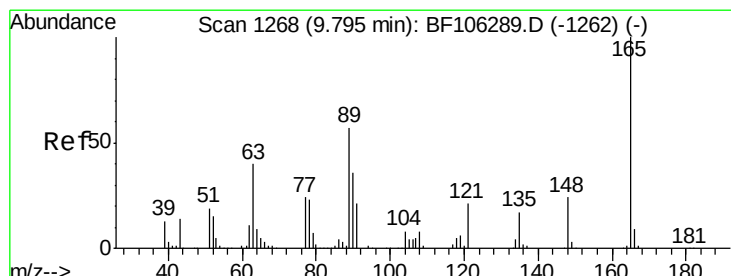
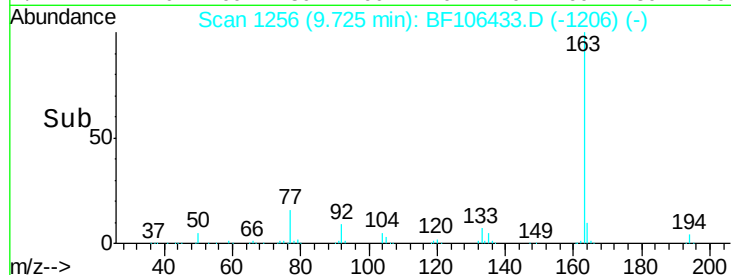
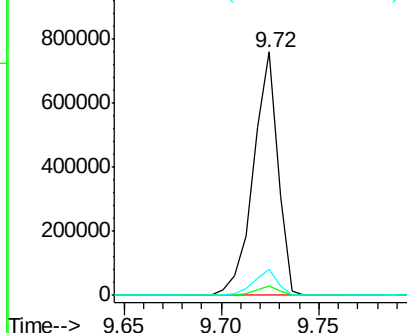
#49
Dimethylphthalate
Concen: 38.518 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 662886
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.5 8.2 12.2

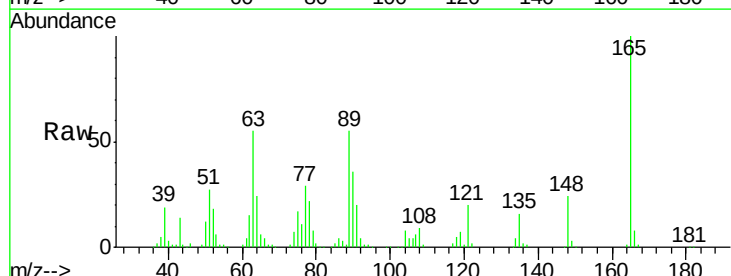


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

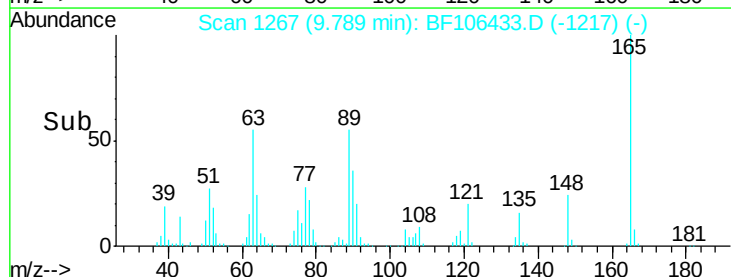
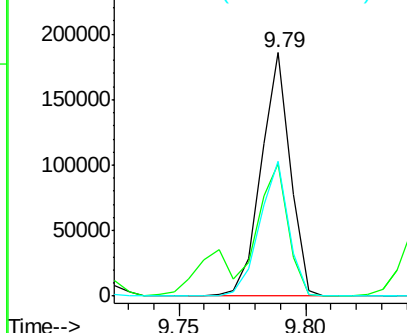


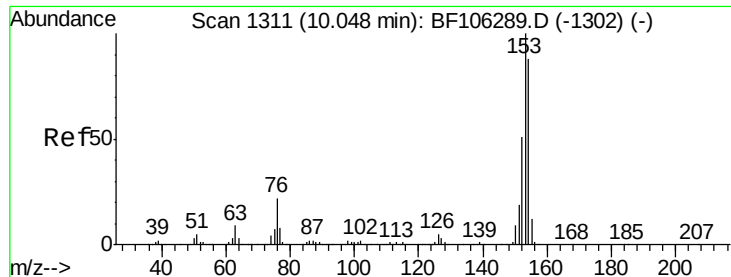
#50
2,6-Dinitrotoluene
Concen: 42.008 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion:165 Resp: 147676
Ion Ratio Lower Upper
165 100
63 54.6 44.7 67.1
89 55.4 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.996 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

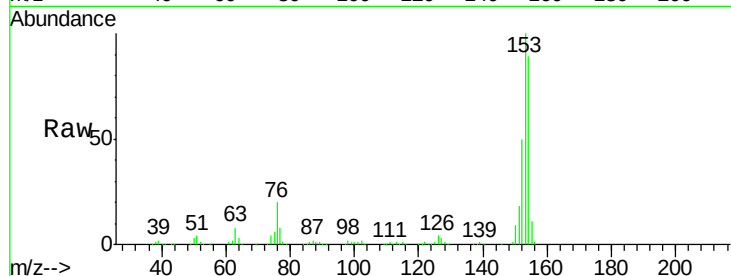
Tot Ion:154 Resp: 546026

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

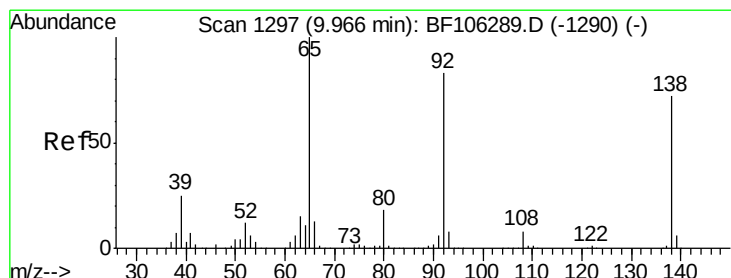
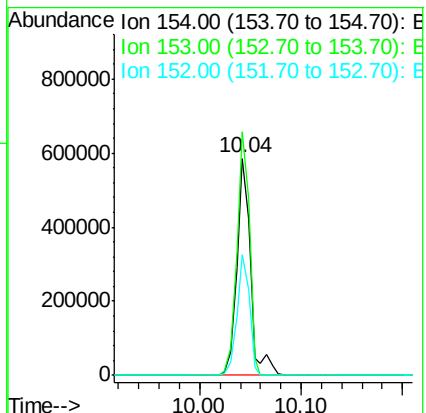
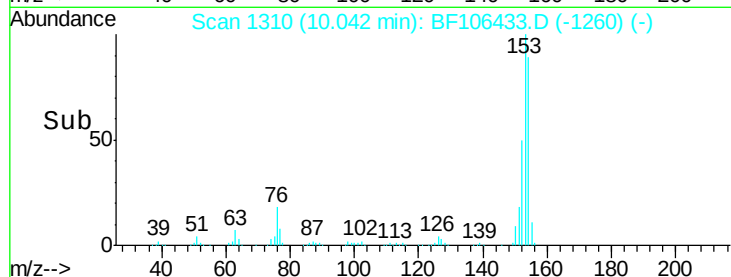
152 55.9 43.8 65.8



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: 24.124 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

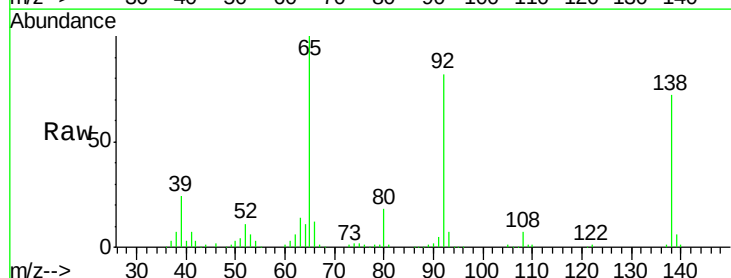
Tgt Ion:138 Resp: 100655

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

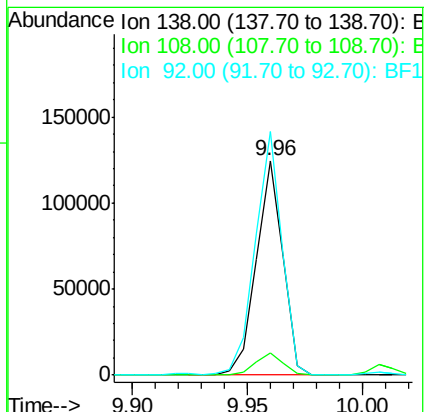
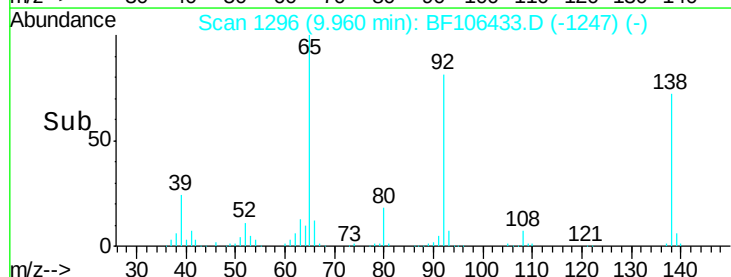
92 113.3 89.4 134.2

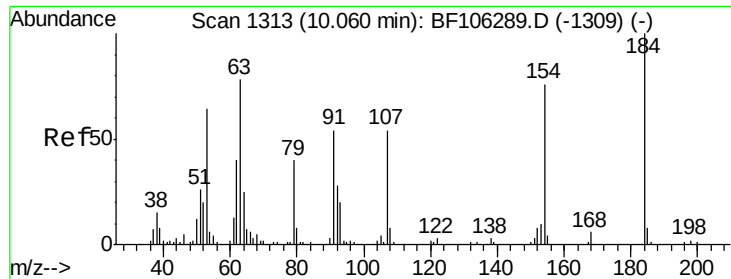


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

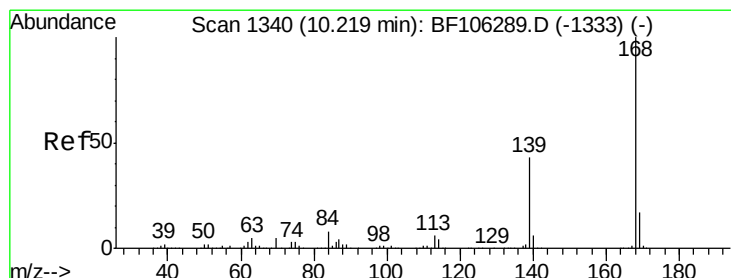
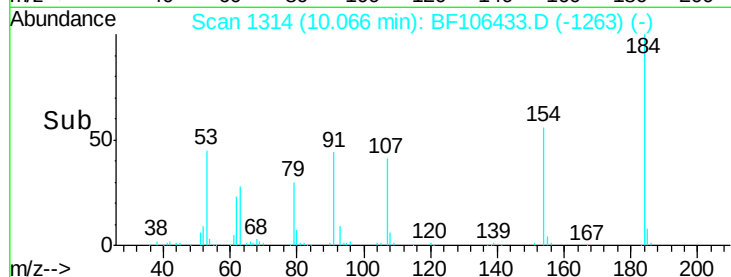
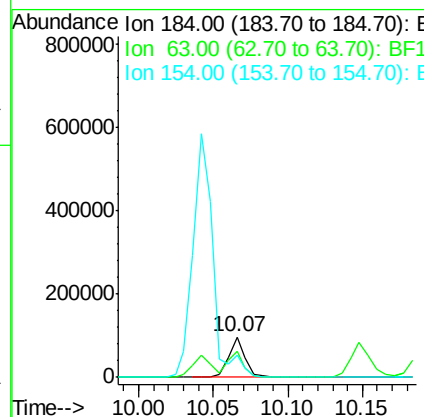
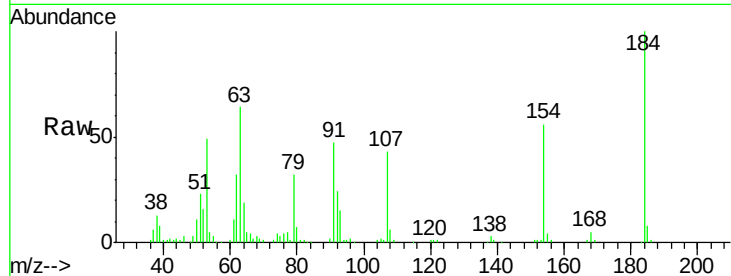




#53
2,4-Dinitrophenol
Concen: 52.566 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

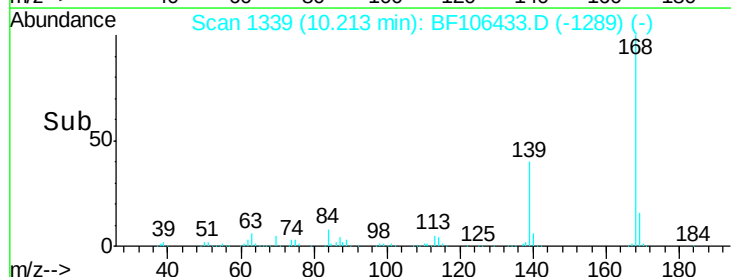
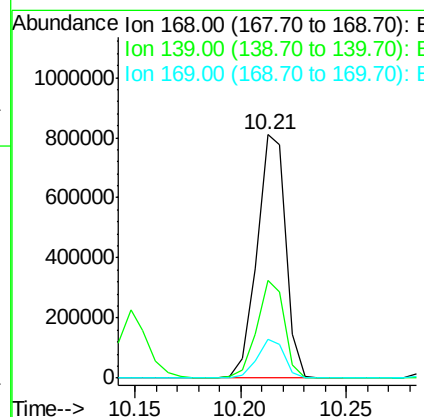
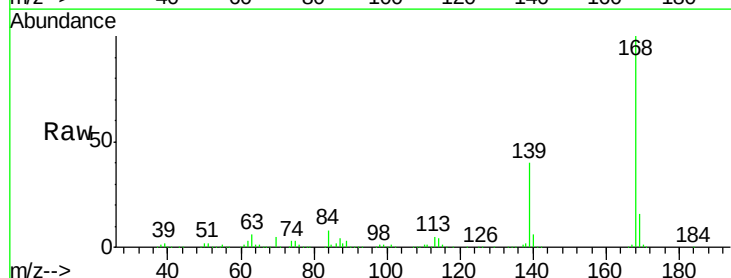
Instrument :
BNA_F
ClientSampleId :

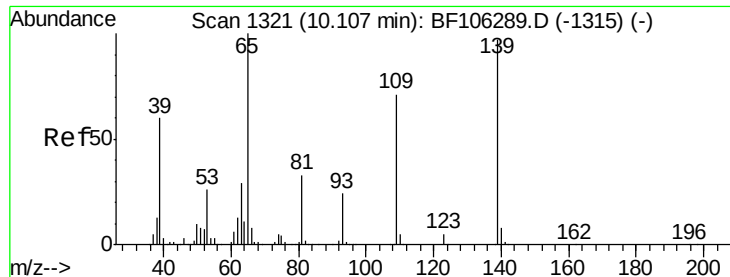
Tot Ion:184 Resp: 79498
Ion Ratio Lower Upper
184 100
63 64.1 54.2 81.2
154 56.1 184.0 276.0#



#54
Dibenzofuran
Concen: 38.567 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion:168 Resp: 766503
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 15.7 10.9 16.3

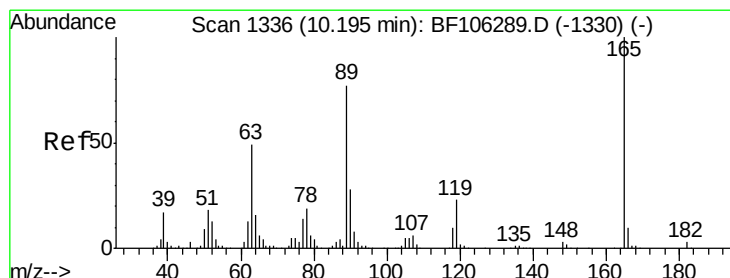
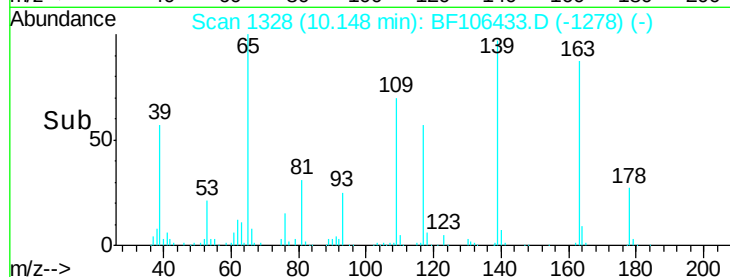
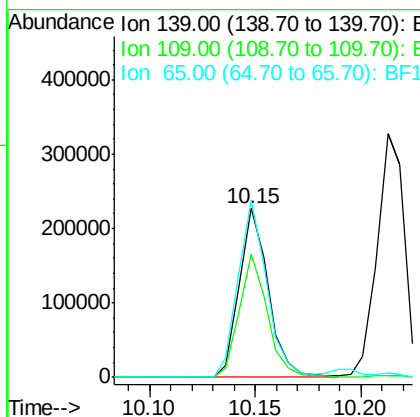
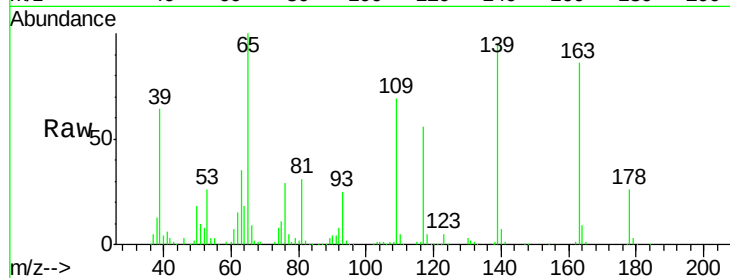




#55
4-Nitrophenol
Concen: 67.727 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

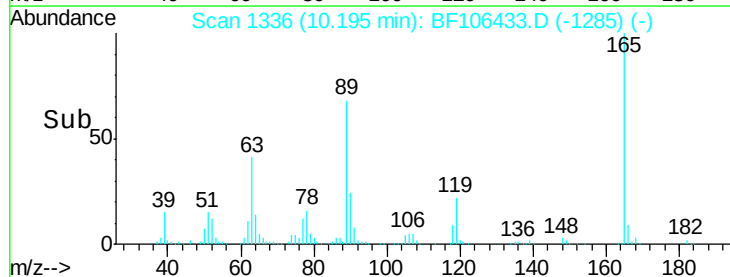
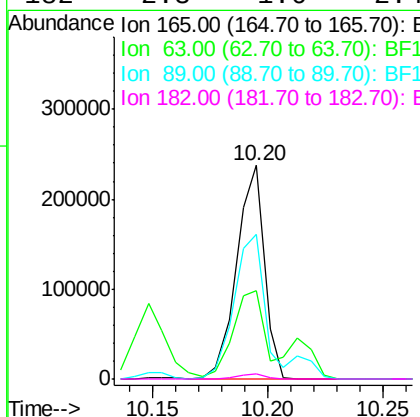
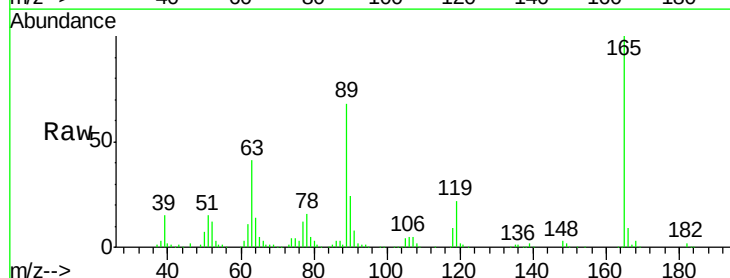
Instrument :
BNA_F
ClientSampleId :

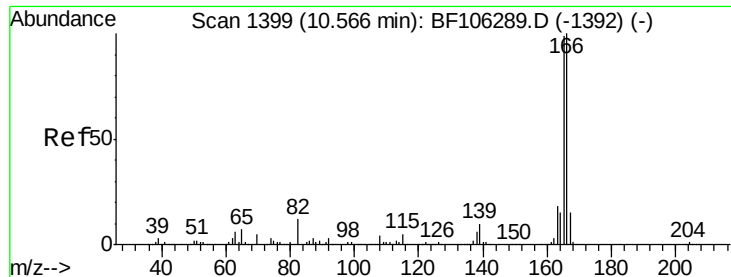
Tot Ion:139 Resp: 216598
Ion Ratio Lower Upper
139 100
109 72.7 48.4 88.4
65 105.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.178 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion:165 Resp: 199438
Ion Ratio Lower Upper
165 100
63 41.2 36.4 54.6
89 67.7 57.8 86.6
182 2.3 1.6 2.4

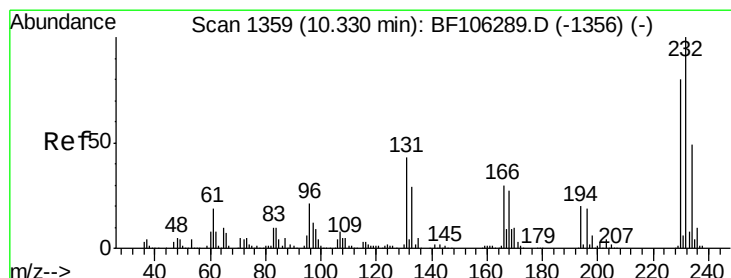
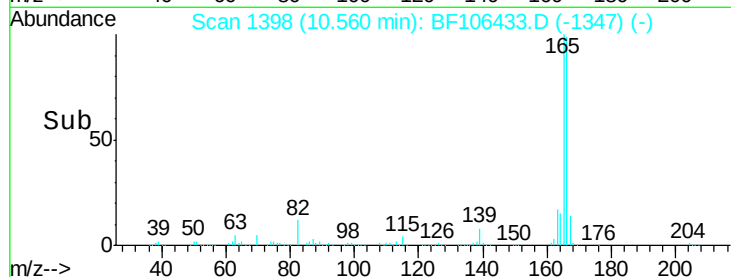
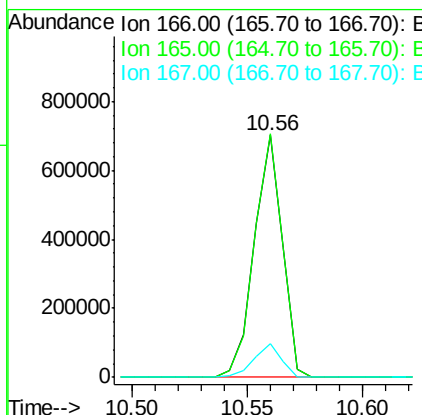
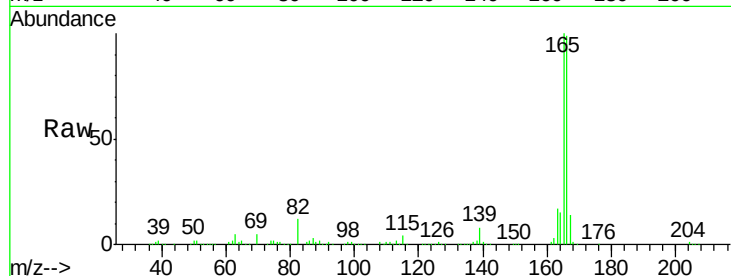




#57
 Fluorene
 Concen: 37.995 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

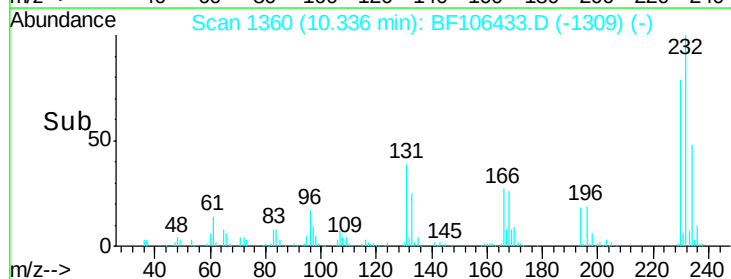
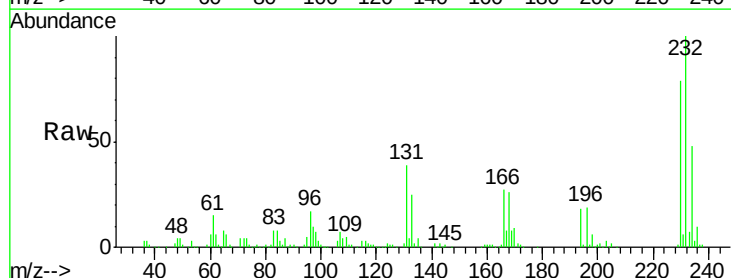
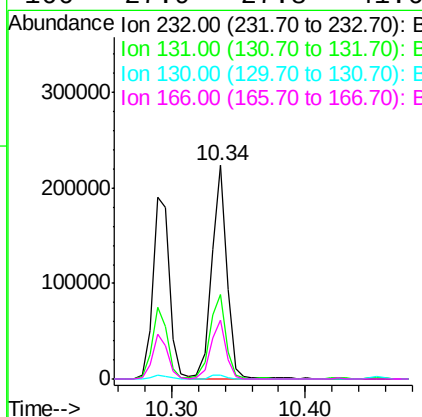
Instrument :
 BNA_F
 ClientSampleId :

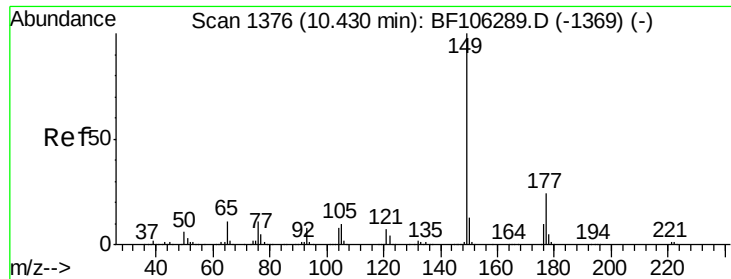
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.721 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	43.8	65.8#
130	1.9	2.1	3.1#
166	27.9	27.8	41.6

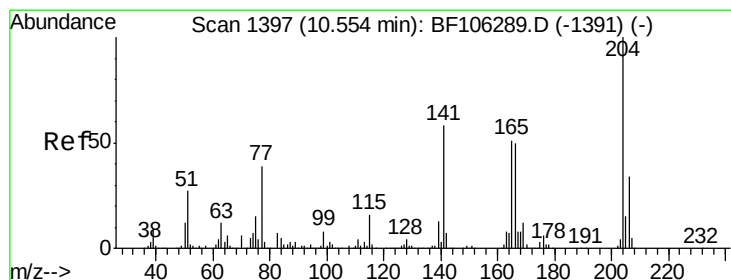
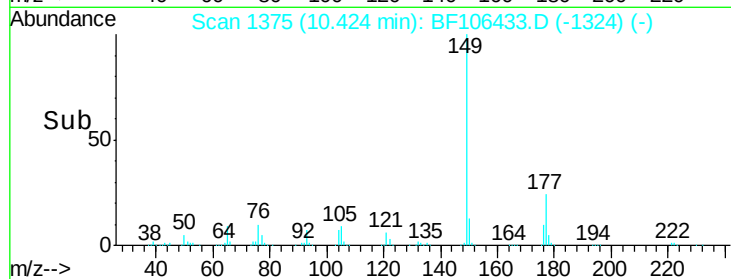
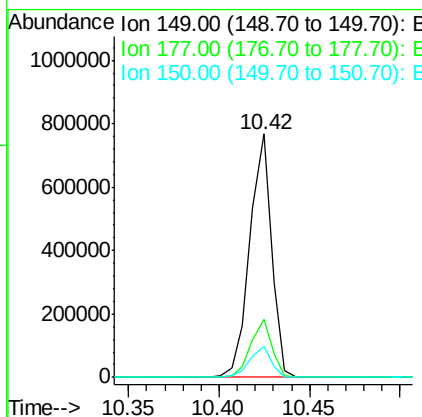
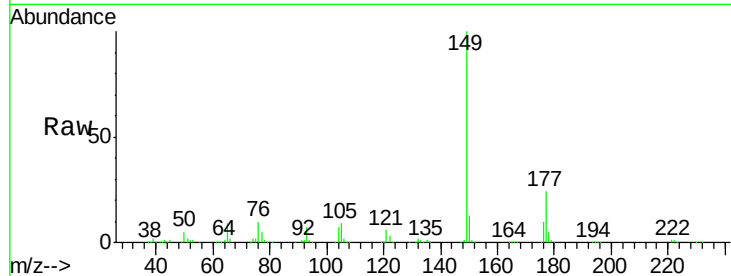




#59
 Diethylphthalate
 Concen: 37.527 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

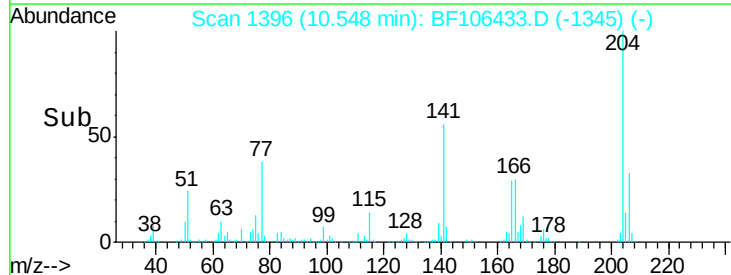
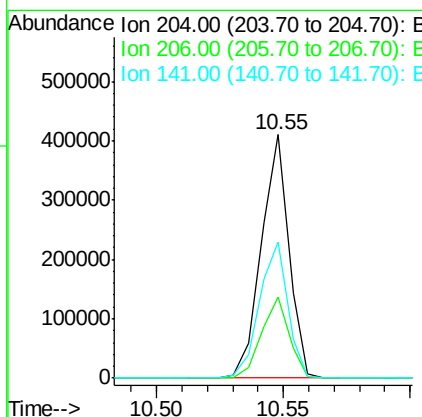
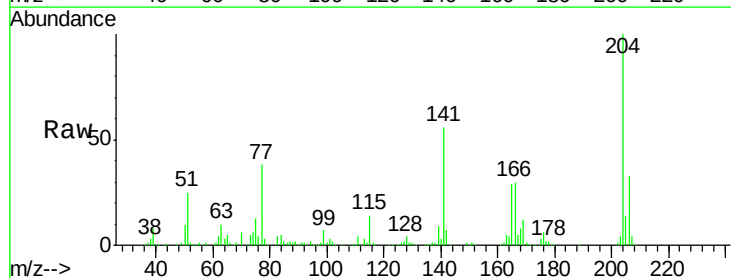
Instrument :
 BNA_F
 ClientSampled :

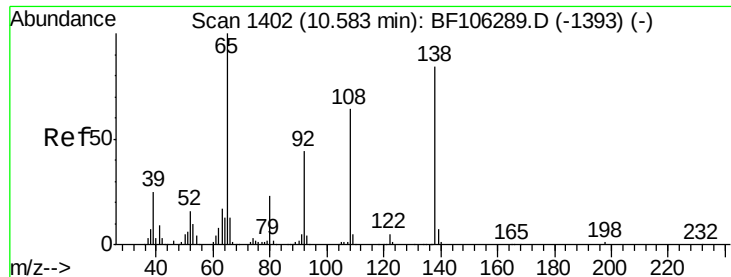
Tot Ion:	149	Resp:	641020
Ion	Ratio	Lower	Upper
149	100		
177	24.0	16.1	24.1
150	12.9	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 37.824 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion:	204	Resp:	313263
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	55.6	54.6	81.8

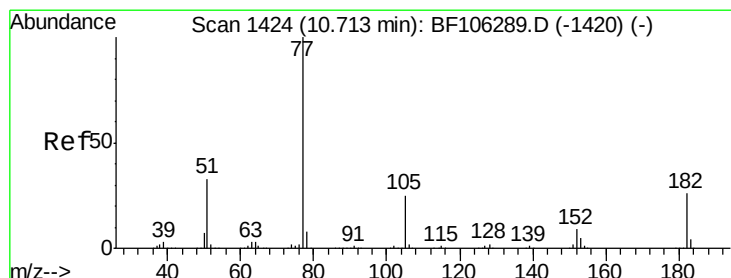
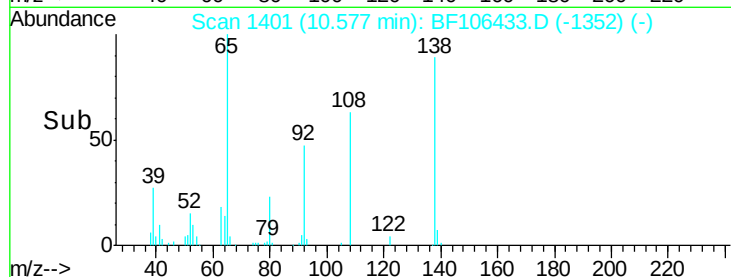
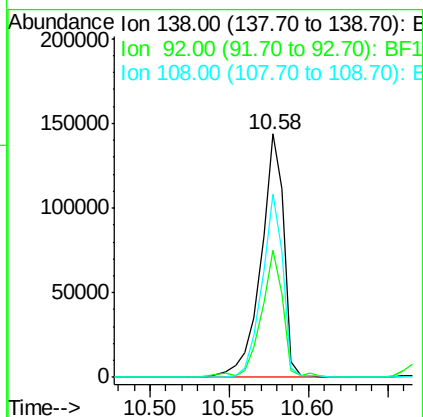
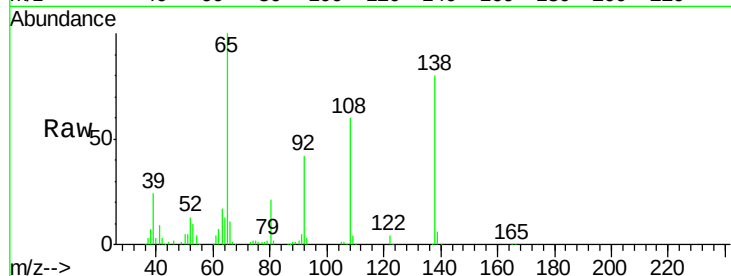




#61
4-Nitroaniline
Concen: 35.765 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

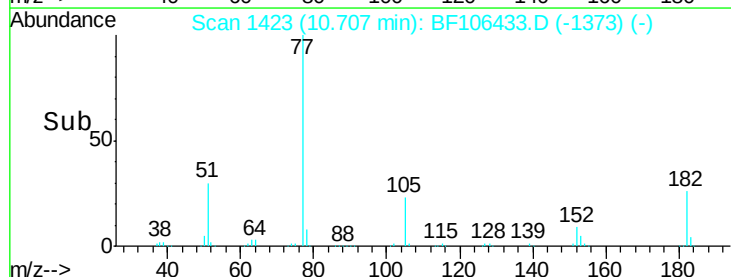
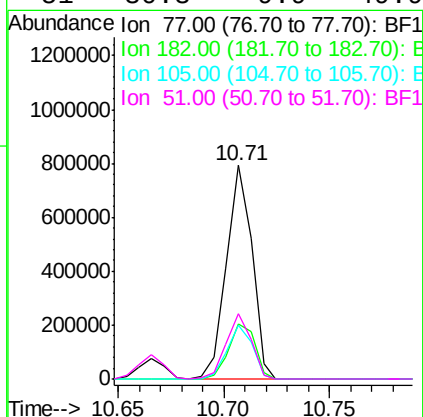
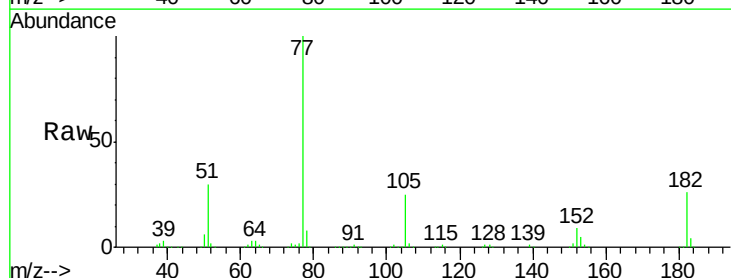
Instrument :
BNA_F
ClientSampled :

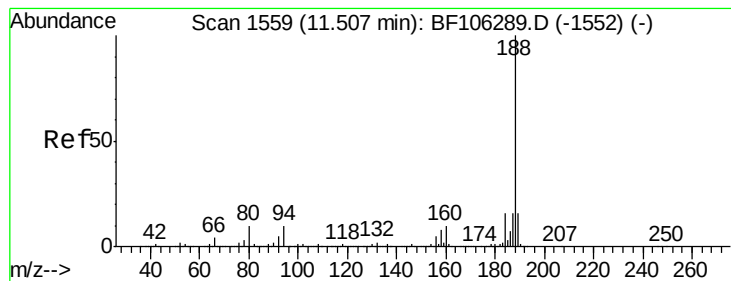
Tot Ion:138 Resp: 145188
Ion Ratio Lower Upper
138 100
92 52.3 30.2 70.2
108 75.6 52.5 92.5



#62
Azobenzene
Concen: 37.227 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion: 77 Resp: 663070
Ion Ratio Lower Upper
77 100
182 25.9 1.7 41.7
105 25.0 3.0 43.0
51 30.3 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: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

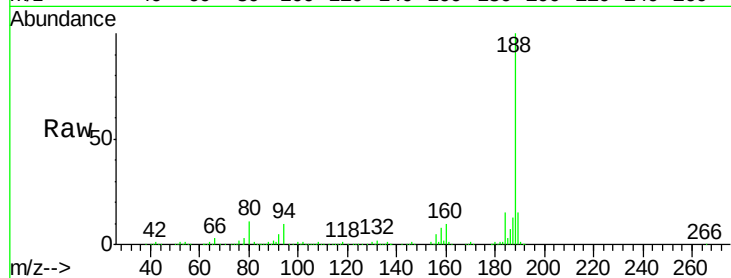
Tot Ion:188 Resp: 478866

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

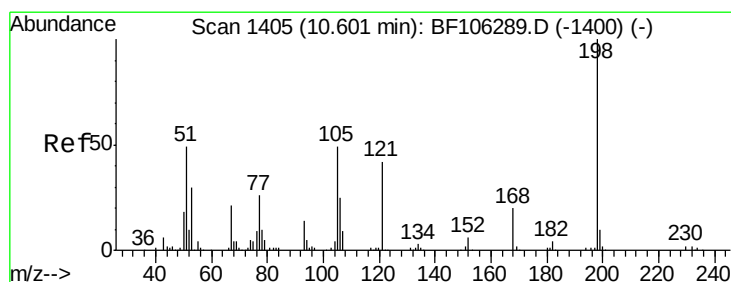
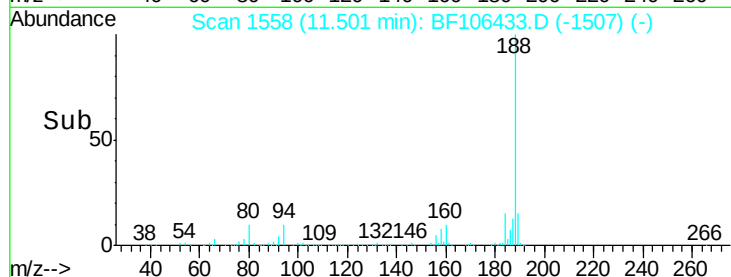
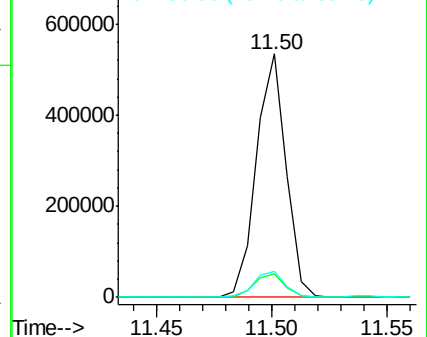
80 10.6 9.2 13.8



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: 30.679 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

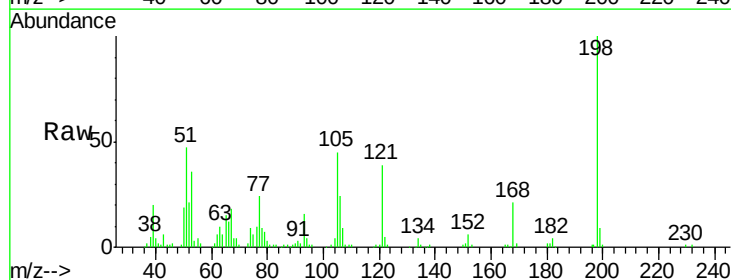
Tgt Ion:198 Resp: 72496

Ion Ratio Lower Upper

198 100

51 47.4 37.7 77.7

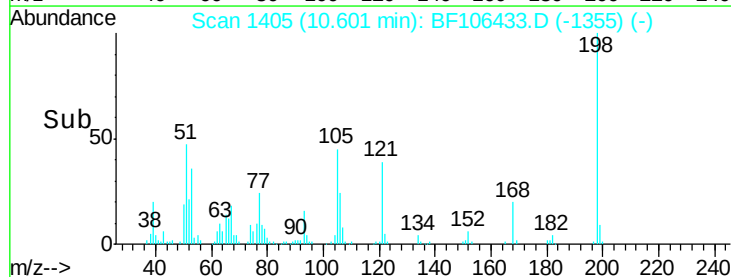
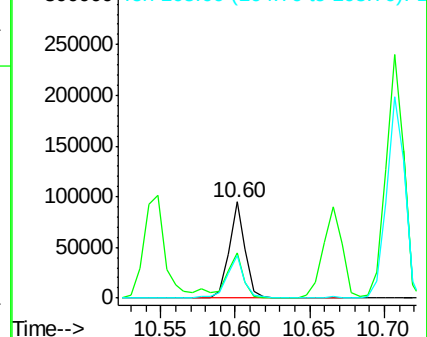
105 44.6 36.3 76.3

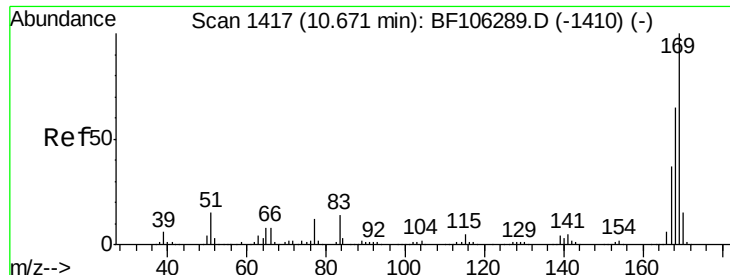


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

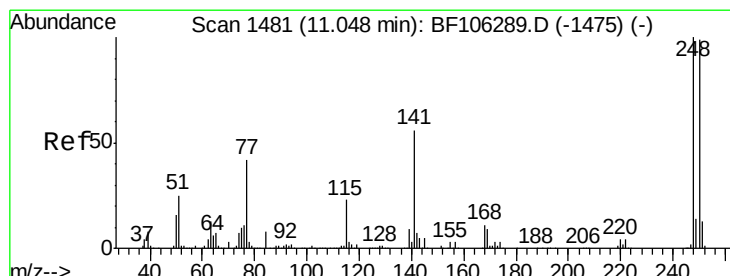
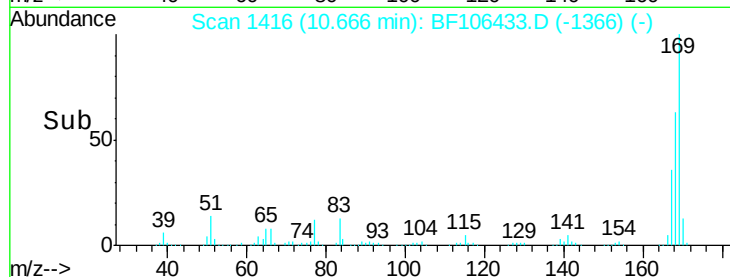
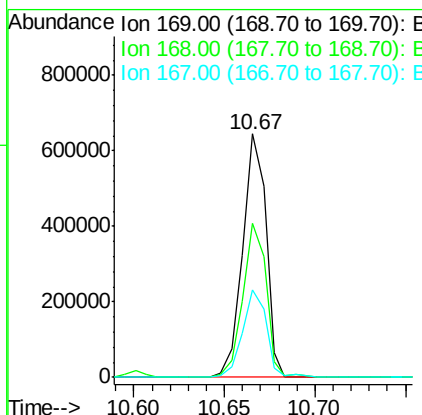
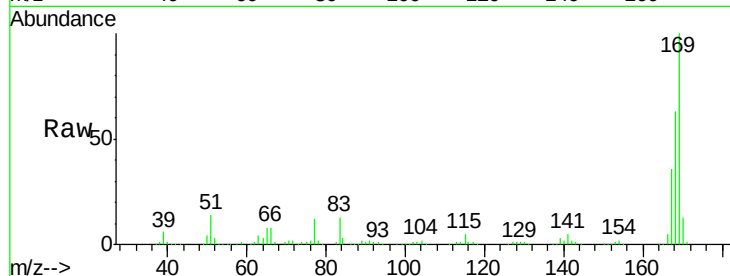




#65
 n-Nitrosodiphenylamine
 Concen: 35.861 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

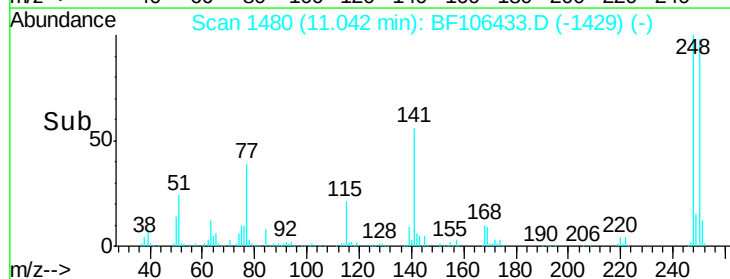
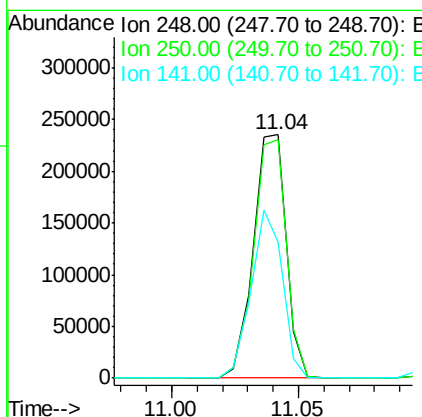
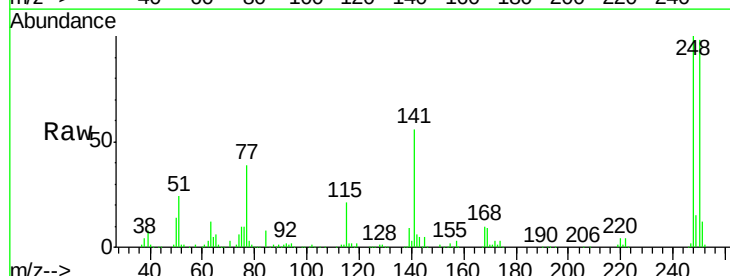
Instrument :
 BNA_F
 ClientSampleId :

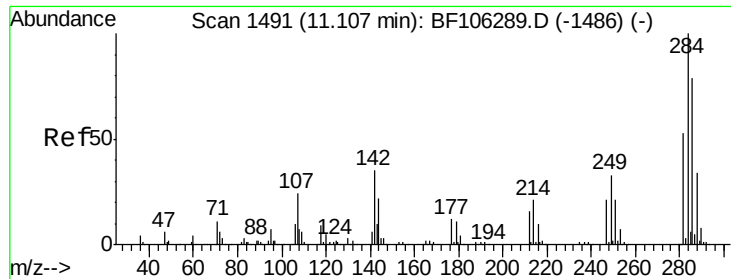
Tot Ion:169 Resp: 577140
 Ion Ratio Lower Upper
 169 100
 168 63.4 54.4 81.6
 167 35.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.258 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion:248 Resp: 213822
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.9 115.3
 141 55.6 74.4 111.6#





#67

Hexachlorobenzene

Concen: 38.359 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

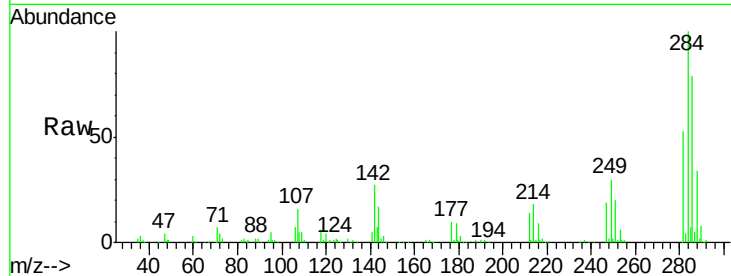
Tot Ion:284 Resp: 215393

Ion Ratio Lower Upper

284 100

142 26.6 34.6 52.0#

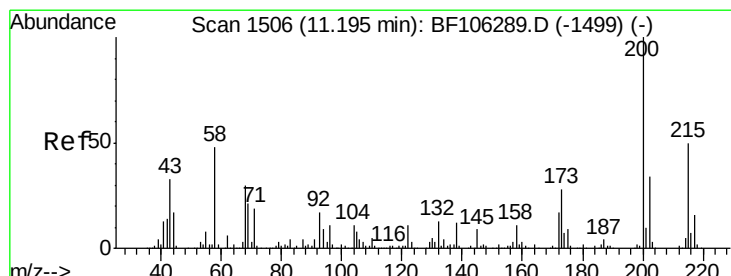
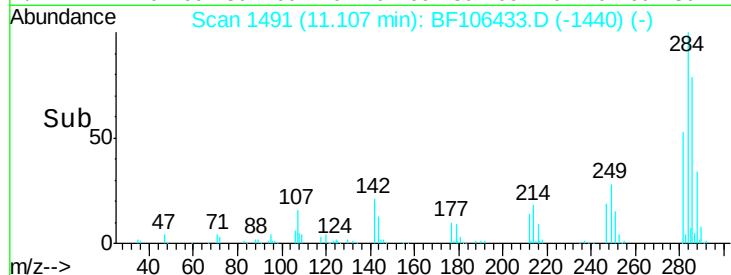
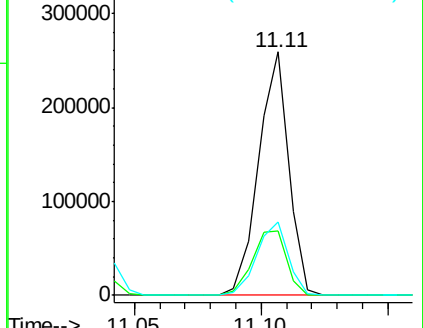
249 30.2 24.8 37.2



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: 40.745 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

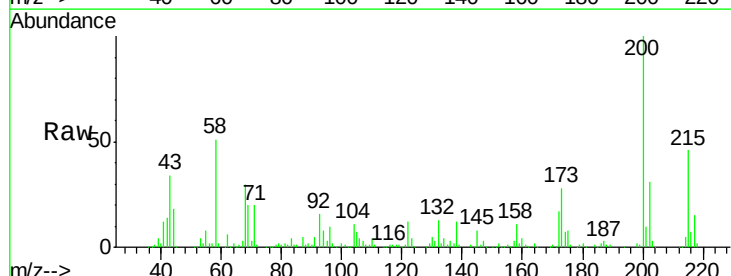
Tgt Ion:200 Resp: 202083

Ion Ratio Lower Upper

200 100

173 27.6 8.6 48.6

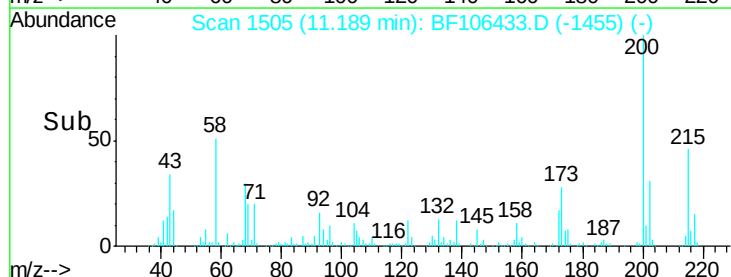
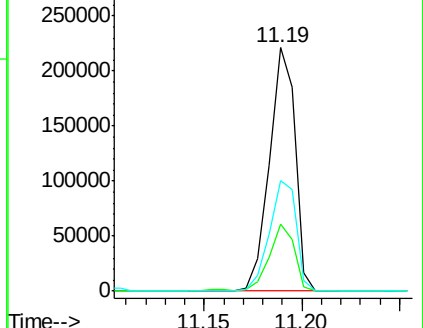
215 45.6 25.1 65.1

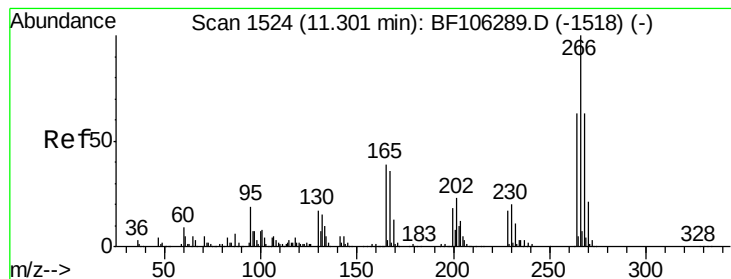


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 50.303 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

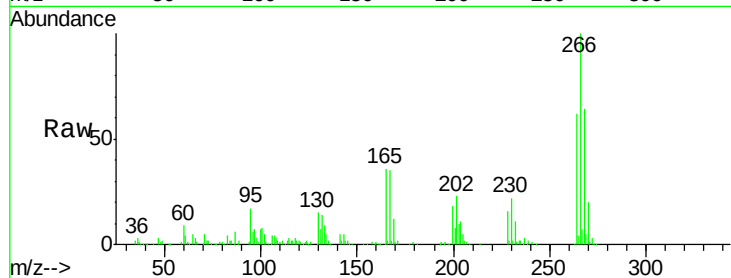
Tot Ion:266 Resp: 173899

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

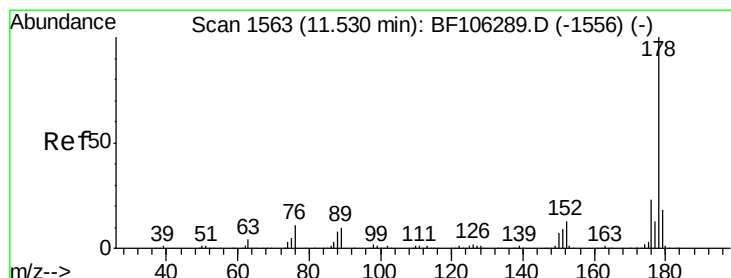
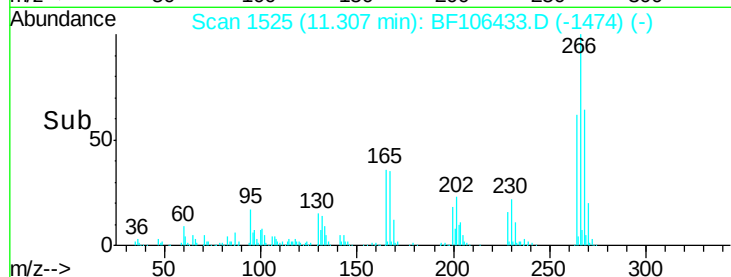
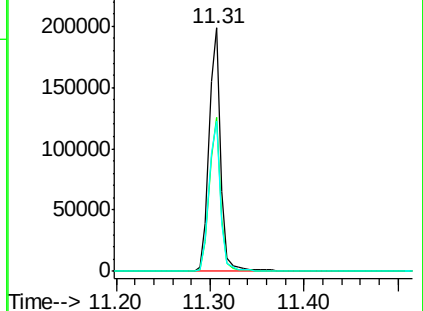
264 61.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.384 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

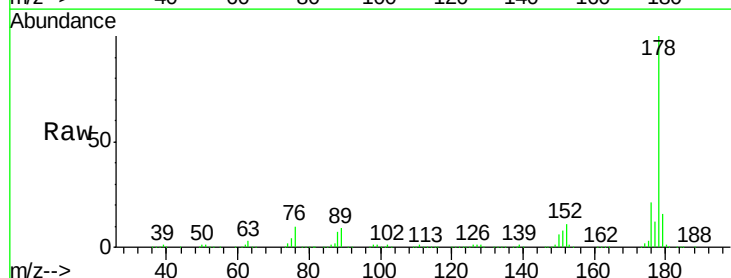
Tgt Ion:178 Resp: 876722

Ion Ratio Lower Upper

178 100

176 21.2 15.8 23.8

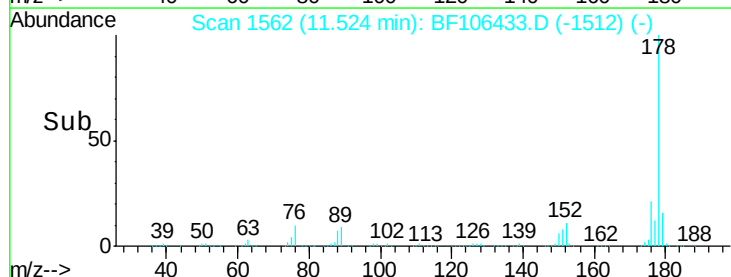
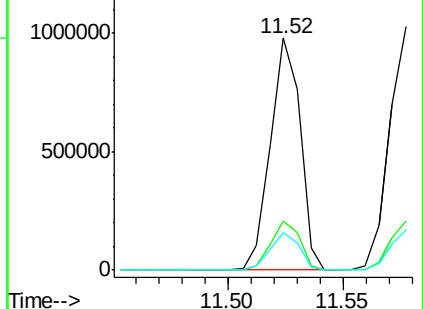
179 16.4 13.0 19.6

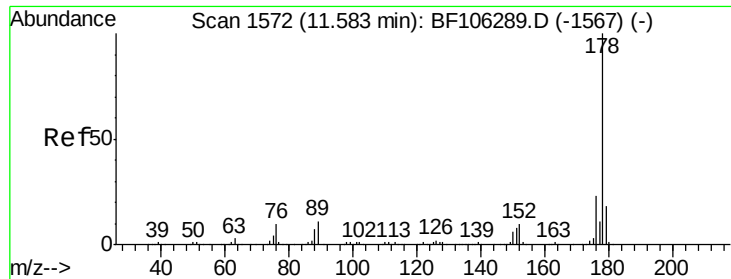


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

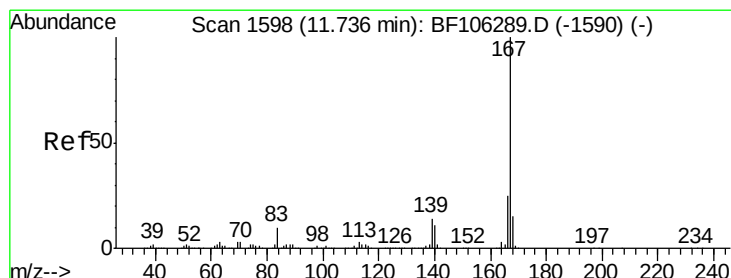
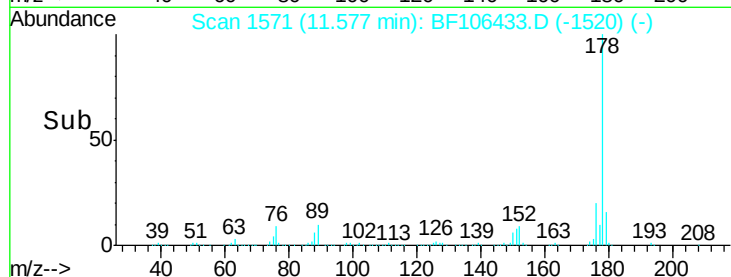
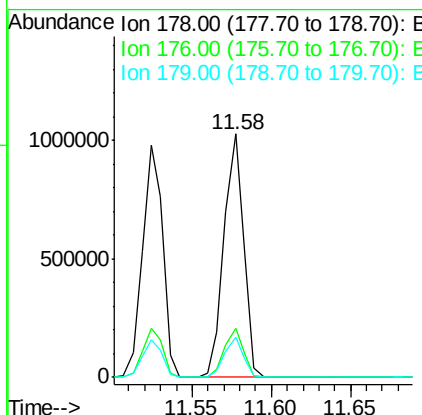
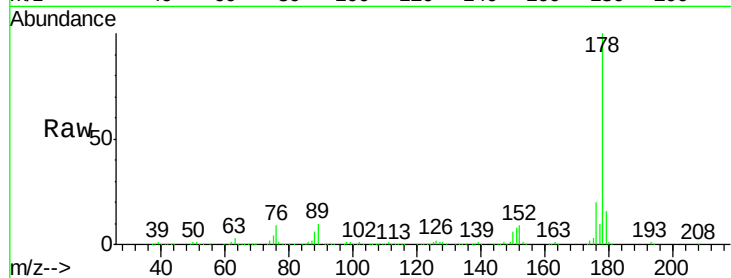




#71
 Anthracene
 Concen: 37.689 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

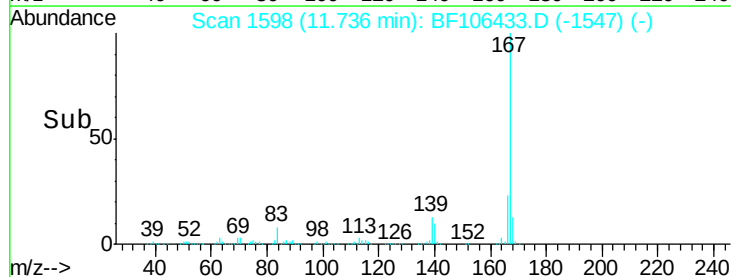
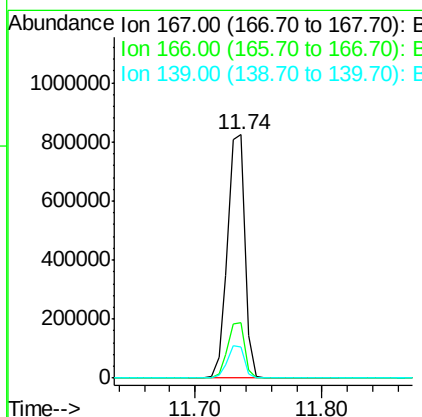
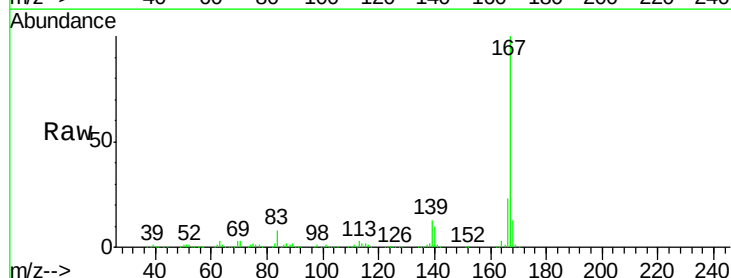
Instrument :
 BNA_F
 ClientSampleId :

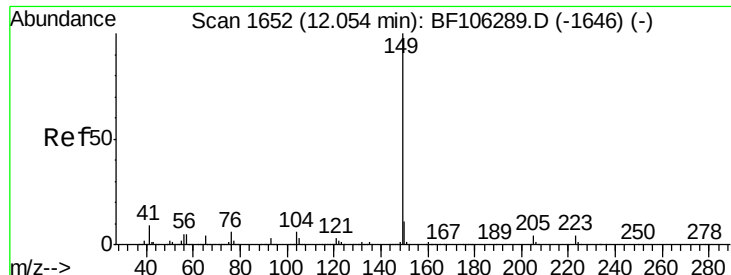
Tot Ion:178 Resp: 885480
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 36.013 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion:167 Resp: 781130
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.199 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampled :

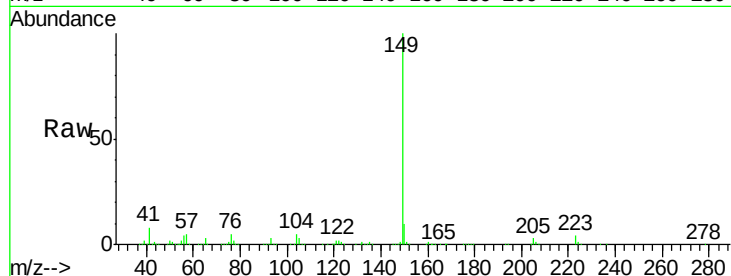
Tot Ion:149 Resp: 994577

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

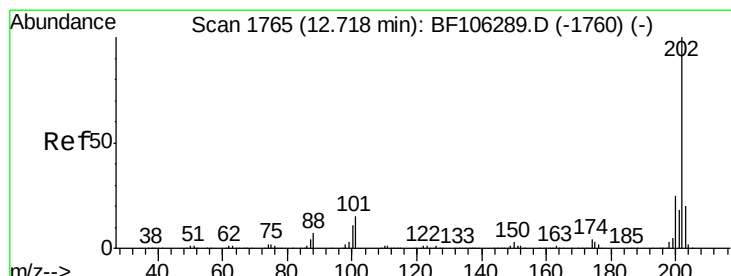
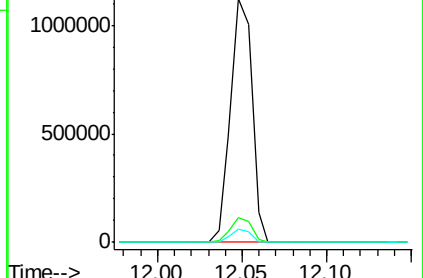
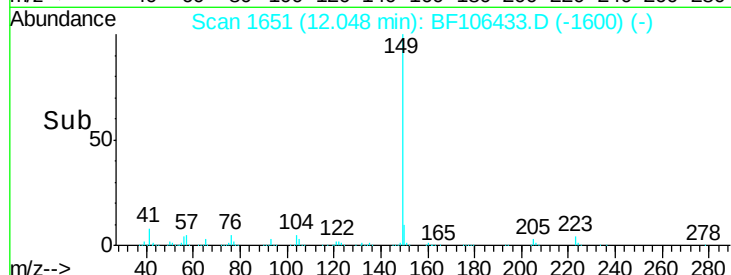
104 5.3 3.8 5.8



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: 33.103 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

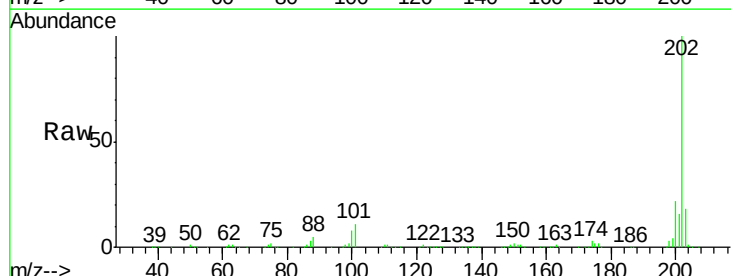
Tgt Ion:202 Resp: 827911

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

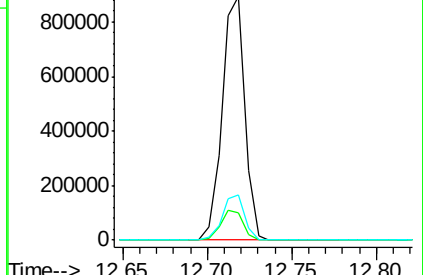
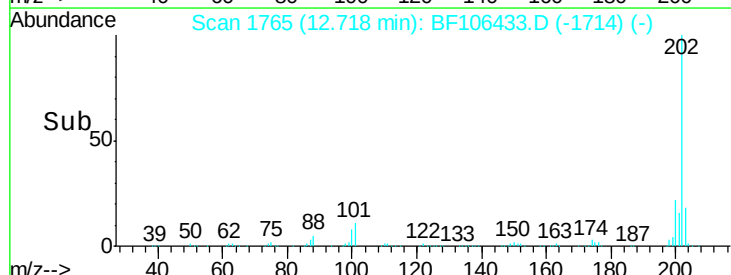
203 18.4 0.0 38.1

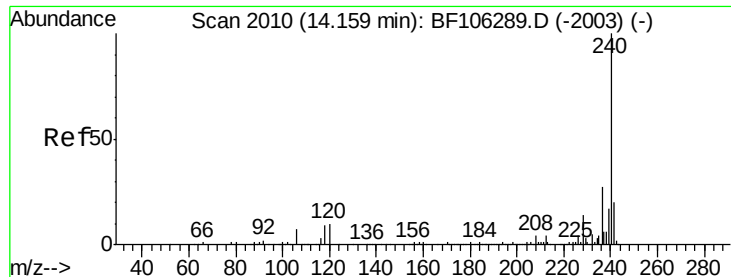


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

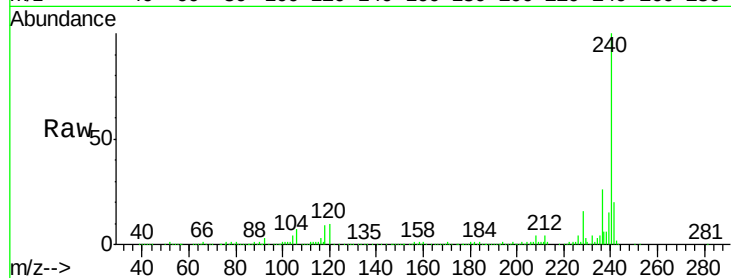
Tot Ion:240 Resp: 339417

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

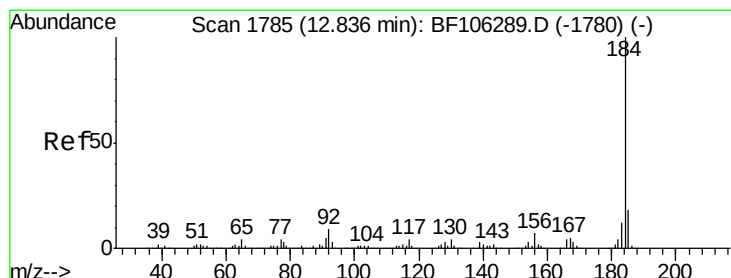
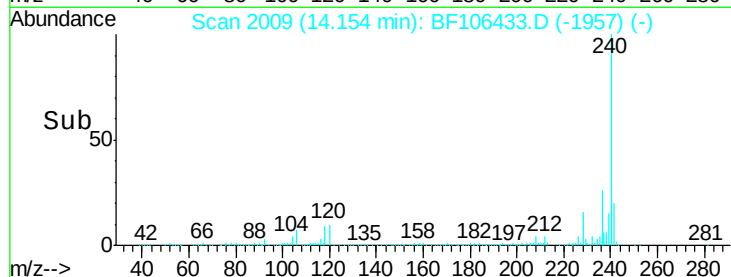
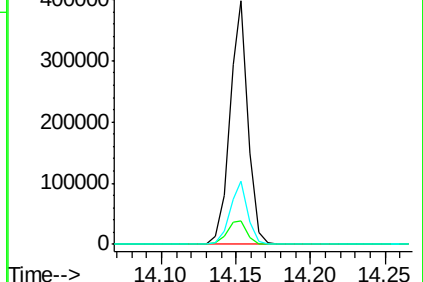
236 26.1 20.7 31.1



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: 43.592 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

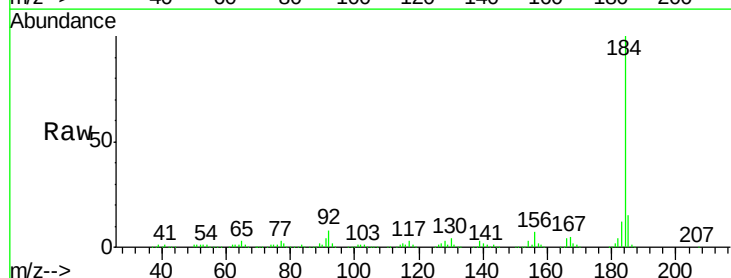
Tgt Ion:184 Resp: 492426

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

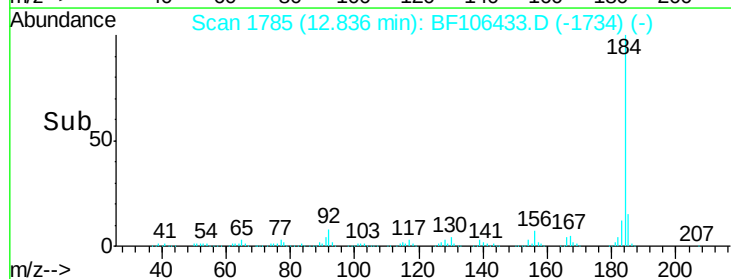
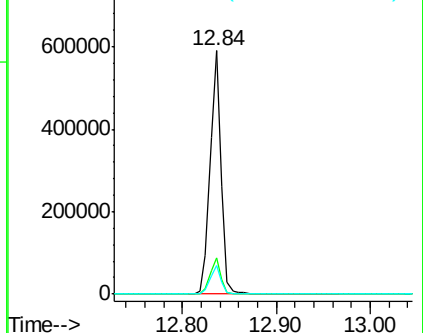
183 11.8 9.3 13.9

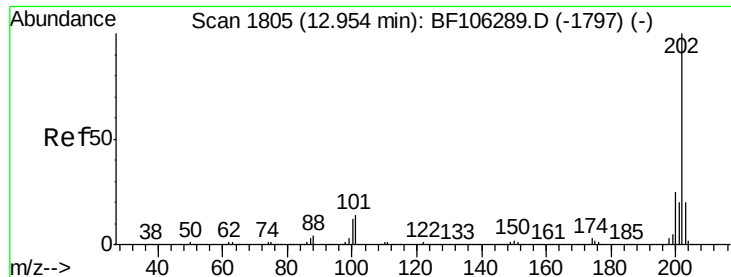


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

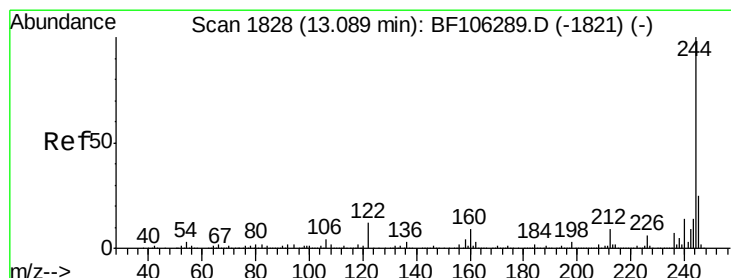
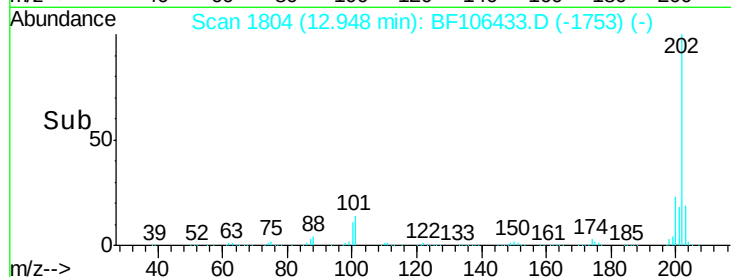
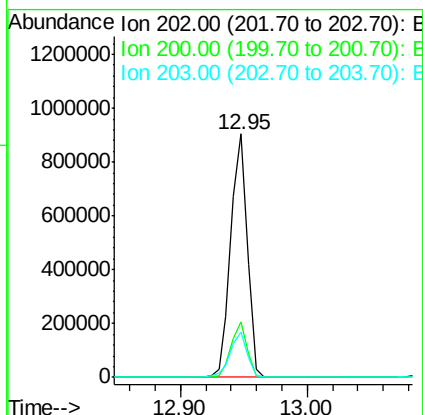
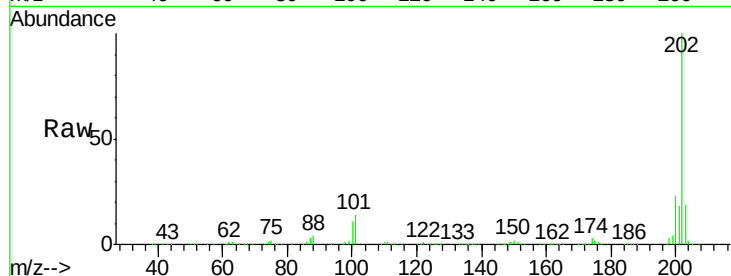




#77
Pvrene
Concen: 38.247 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

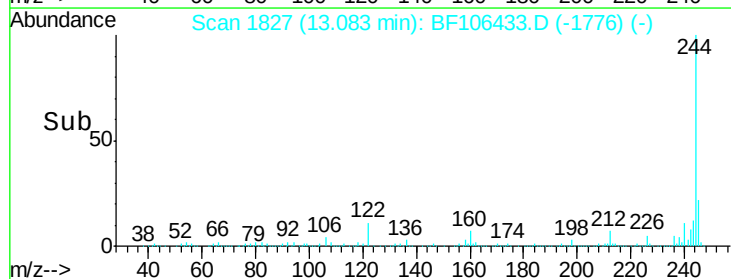
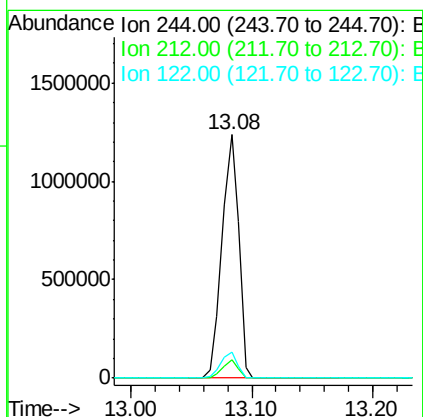
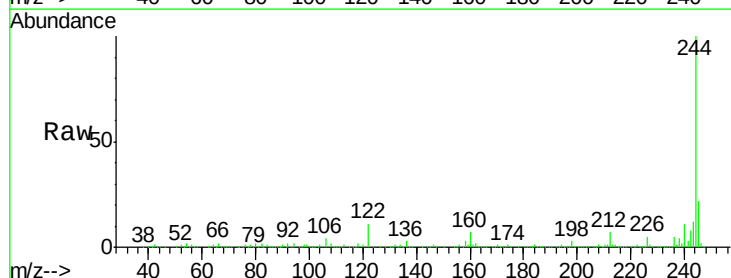
Instrument :
BNA_F
ClientSampled :

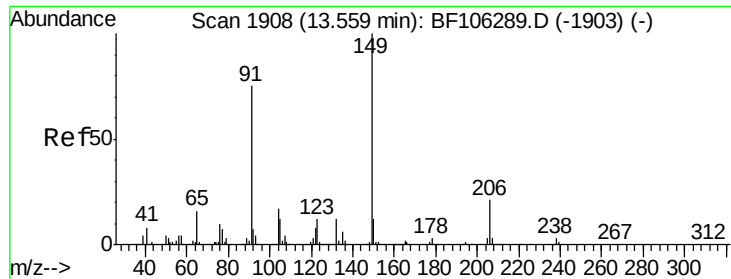
Tot Ion:202 Resp: 812728
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.5 14.3 21.5



#78
Terphenyl-d14
Concen: 86.416 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion:244 Resp: 1180902
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 10.6 11.0 16.4#

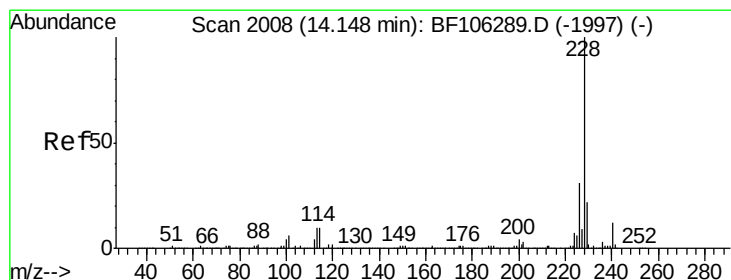
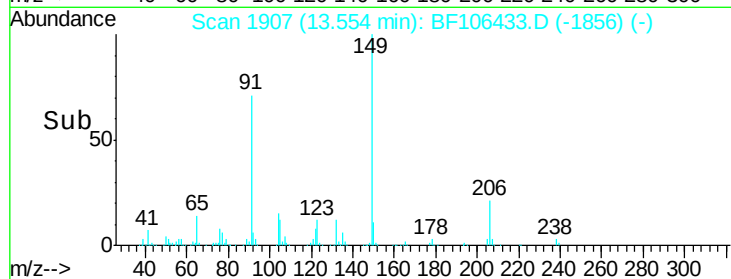
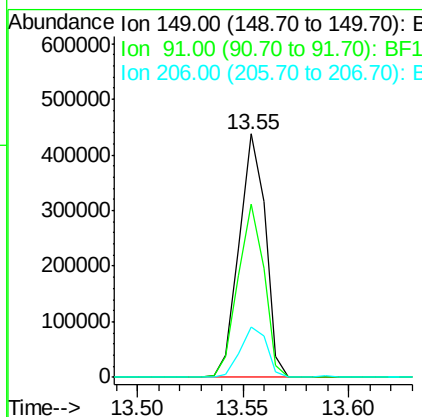
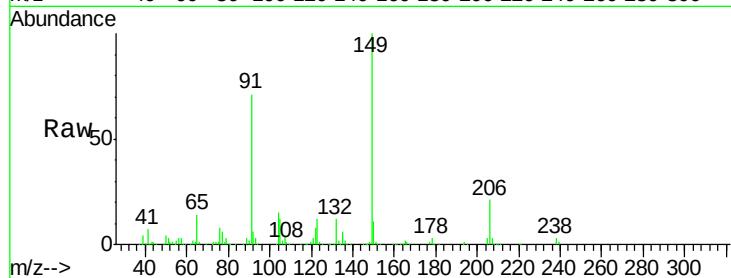




#79
Butylbenzylphthalate
Concen: 47.362 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

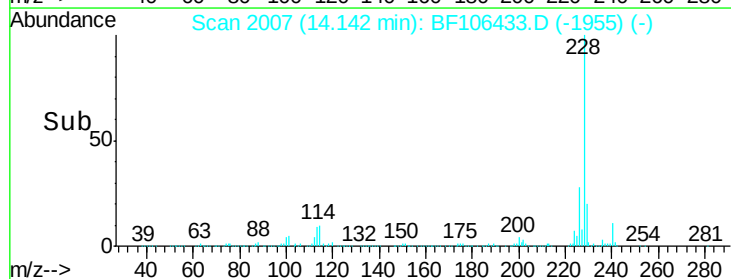
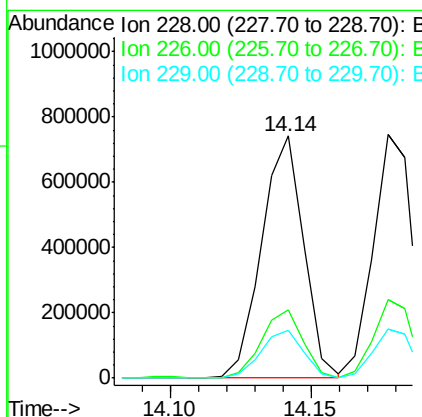
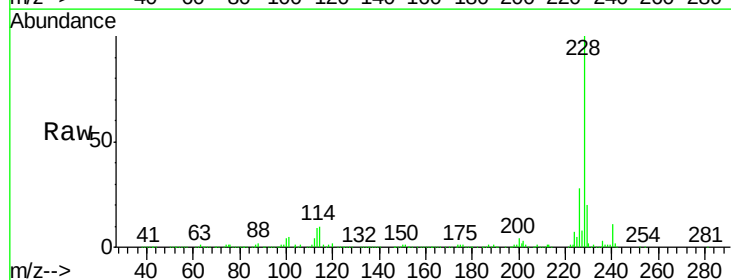
Instrument :
BNA_F
ClientSampled :

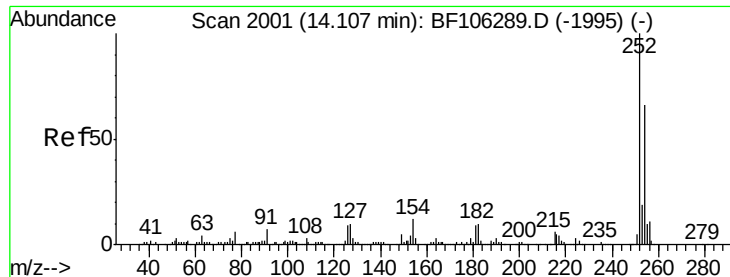
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.8	85.2
206	20.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.835 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.8	15.8	23.6

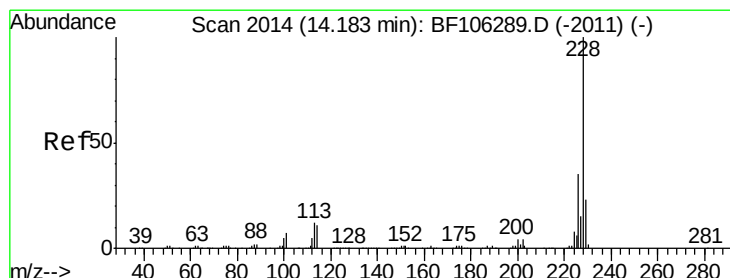
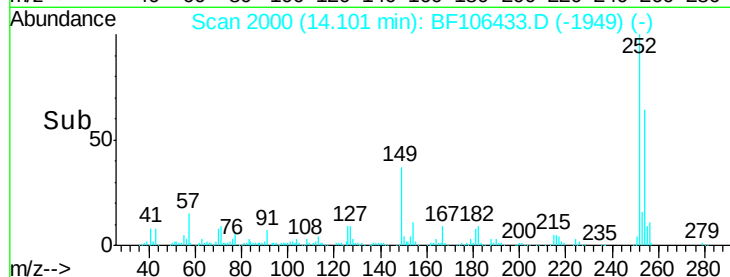
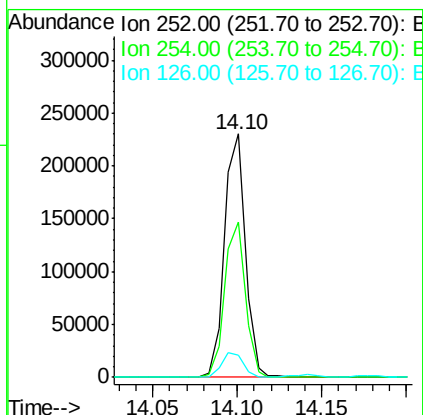
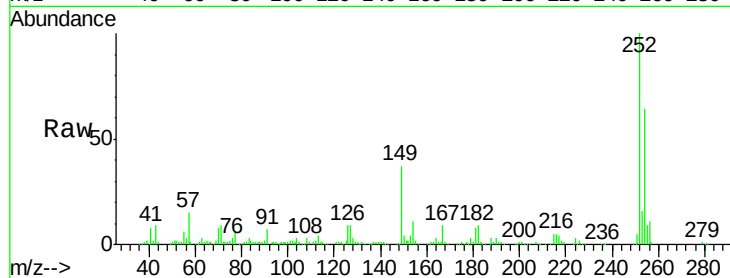




#81
 3,3'-Dichlorobenzidine
 Concen: 29.167 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

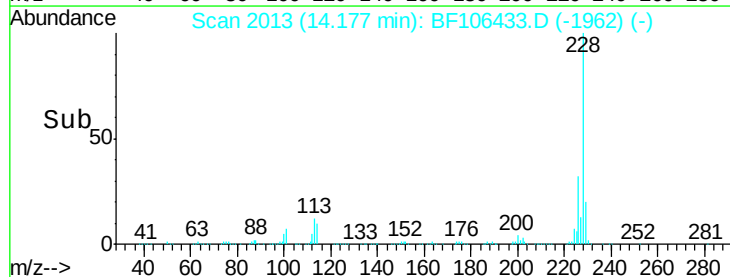
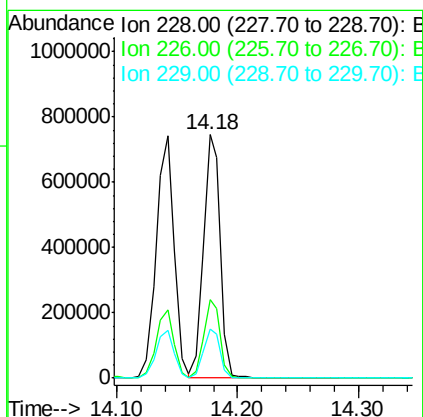
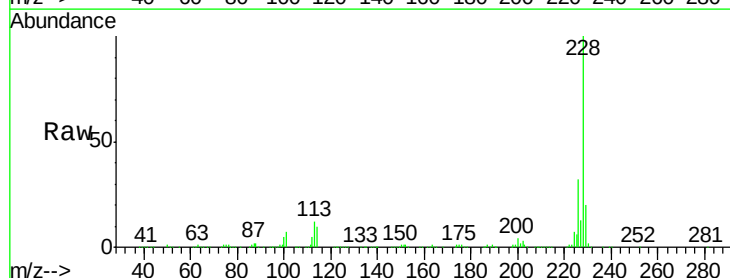
Instrument :
 BNA_F
 ClientSampleId :

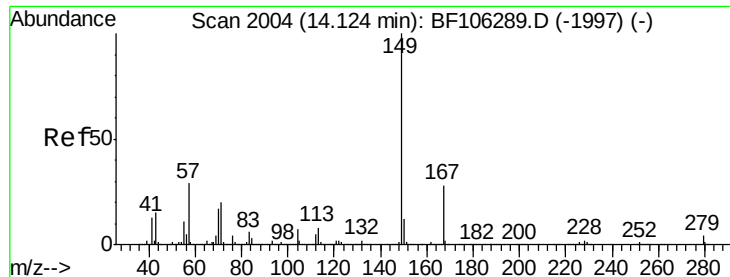
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	9.0	11.3	16.9



#82
 Chrysene
 Concen: 38.516 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.130 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

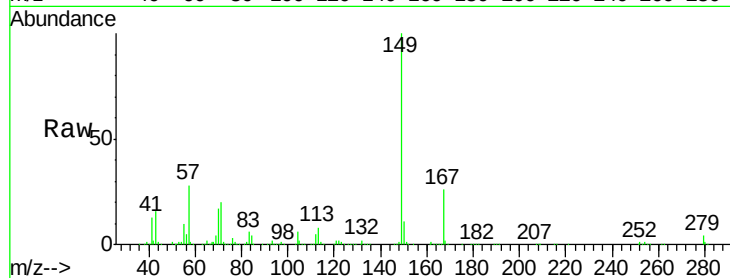
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 514705

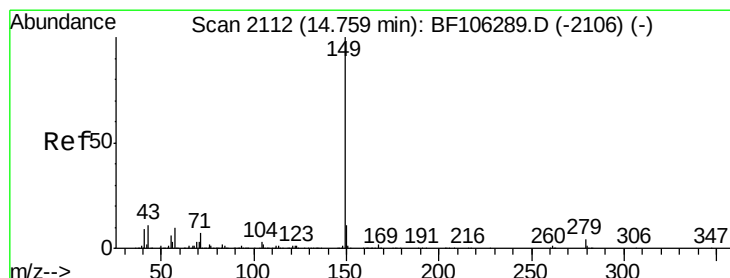
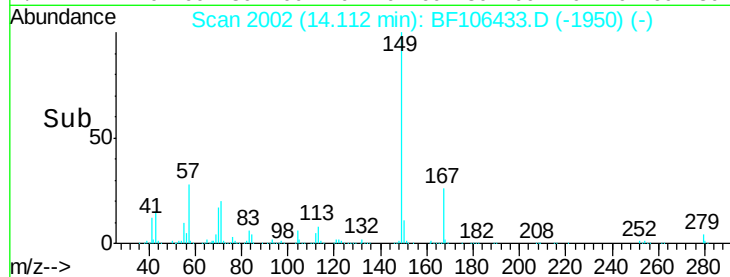
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.0	3.0	4.4



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: 48.441 ng

RT: 14.75 min Scan# 2110

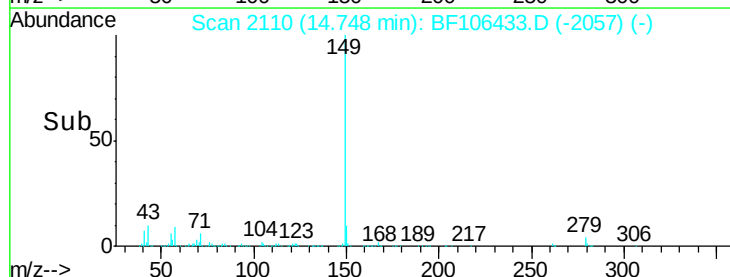
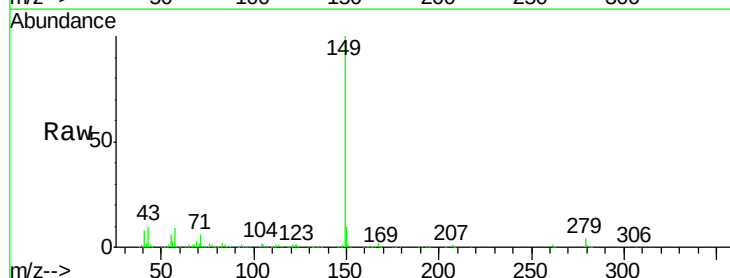
Delta R.T. 0.01 min

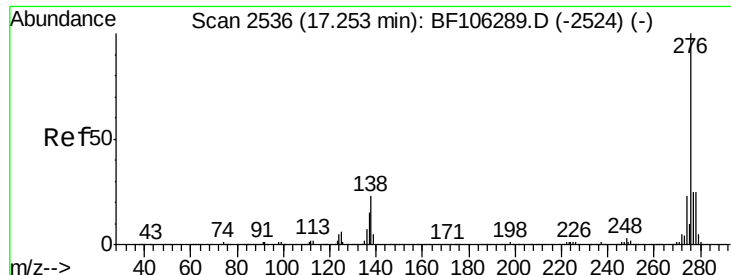
Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Tgt Ion:149 Resp: 796473

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.0	8.4	12.6

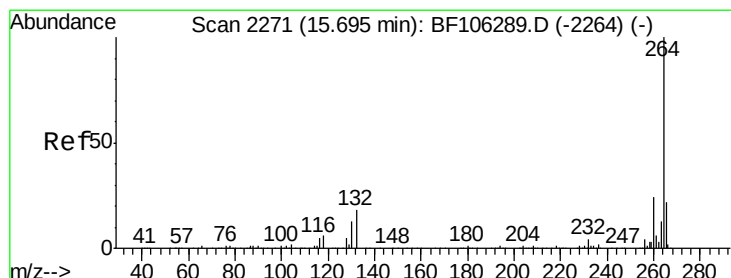
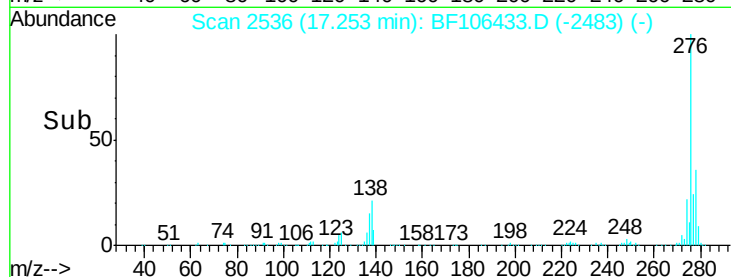
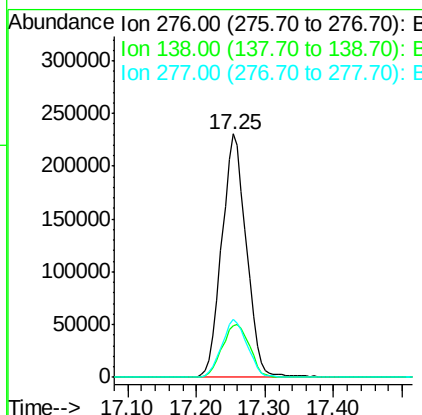
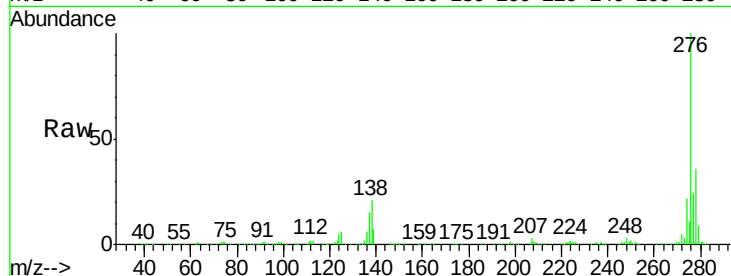




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.914 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

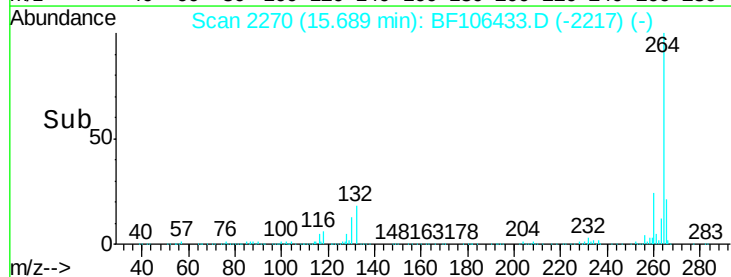
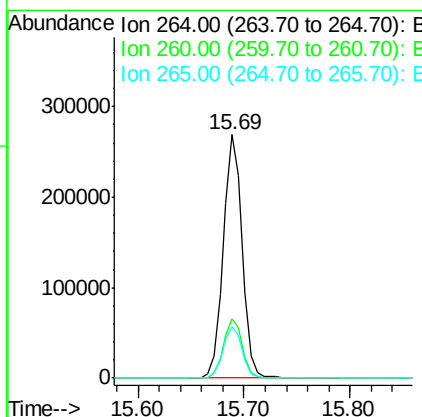
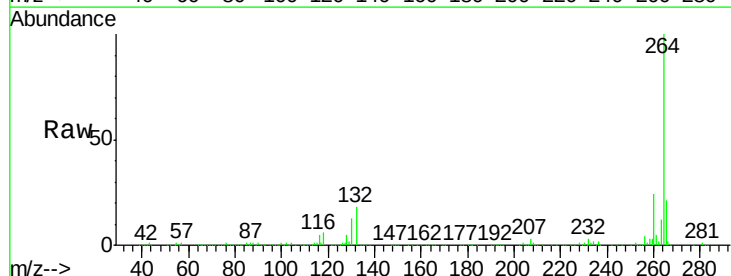
Instrument :
 BNA_F
 ClientSampleId :

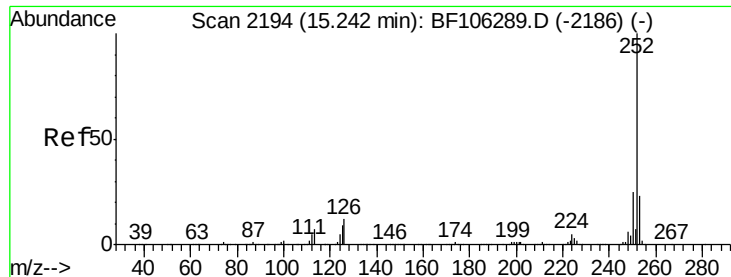
Tot Ion:276 Resp: 572727
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.0 37.6#
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106433.D
 Acq: 14 Jun 2018 10:36

Tgt Ion:264 Resp: 332412
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.5 26.3

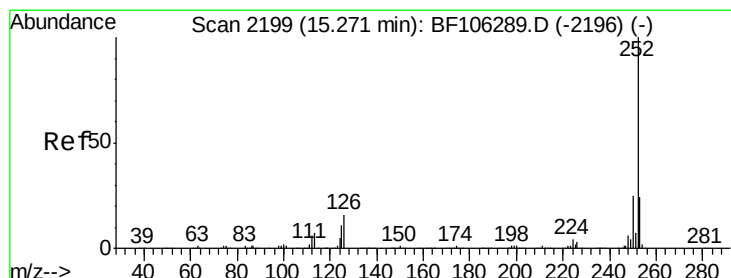
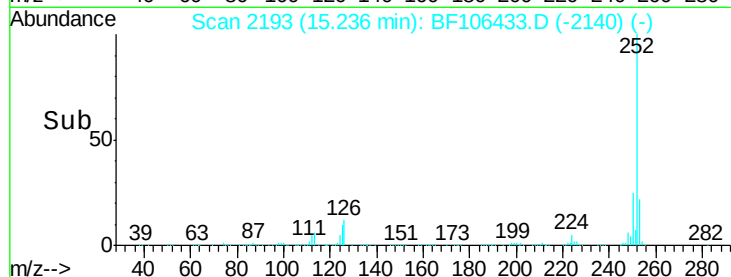
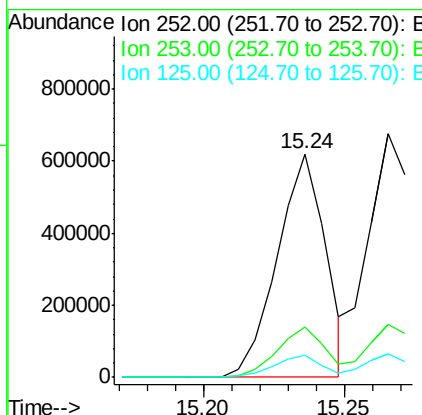
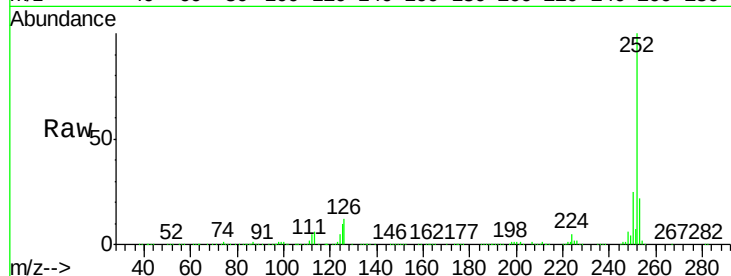




#87
Benzo(b)fluoranthene
Concen: 36.746 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

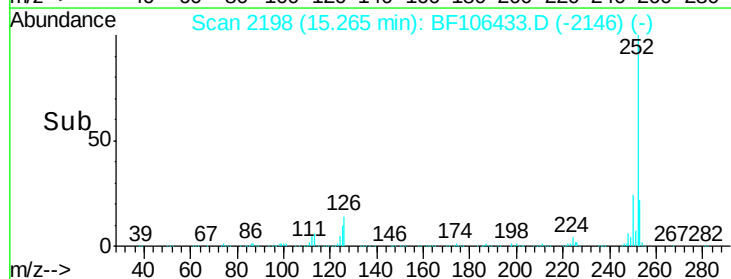
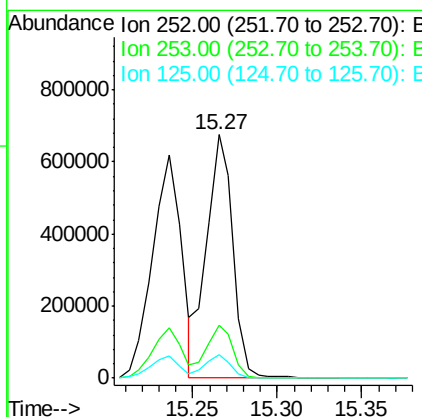
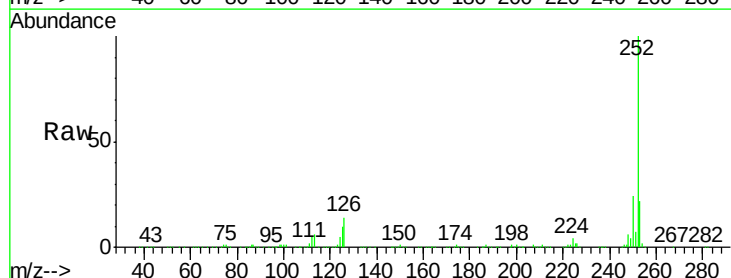
Instrument :
BNA_F
ClientSampled :

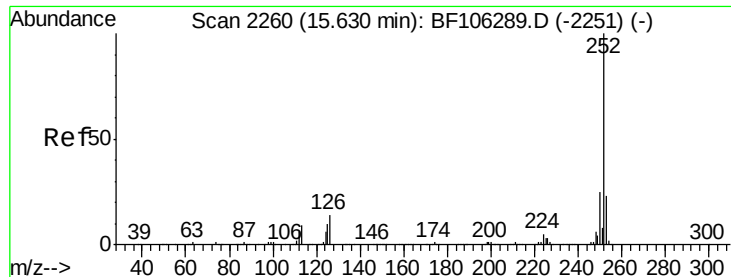
Tot Ion:252 Resp: 738369
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.824 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106433.D
Acq: 14 Jun 2018 10:36

Tgt Ion:252 Resp: 732811
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 37.849 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

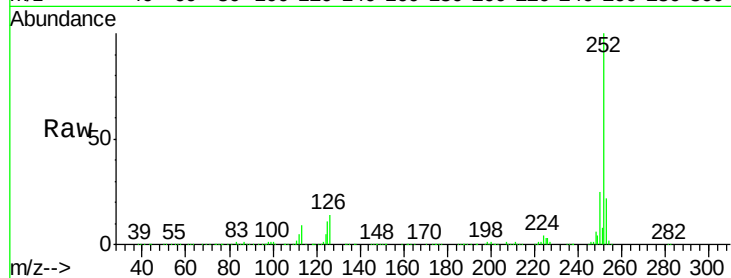
Tot Ion:252 Resp: 684068

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

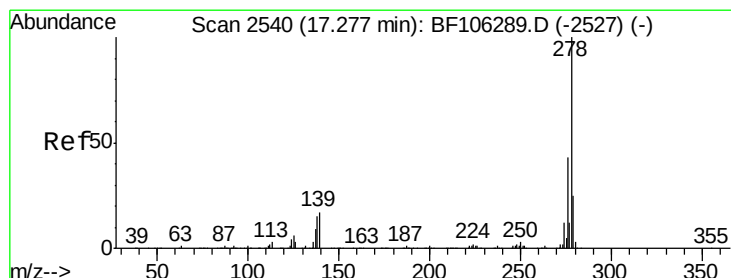
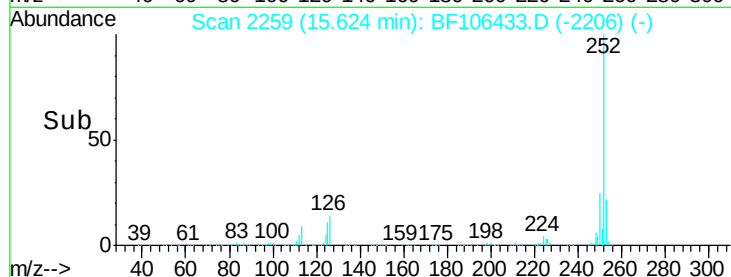
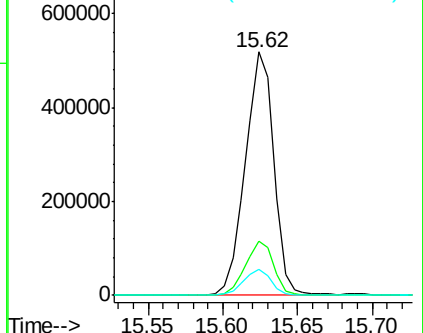
125 10.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.839 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

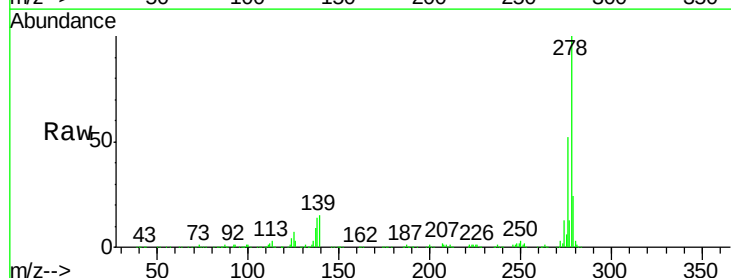
Tgt Ion:278 Resp: 494819

Ion Ratio Lower Upper

278 100

139 15.5 15.9 23.9#

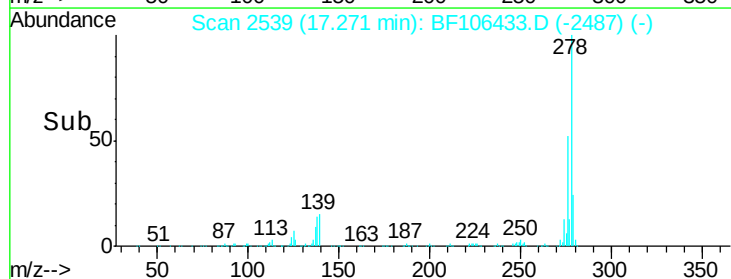
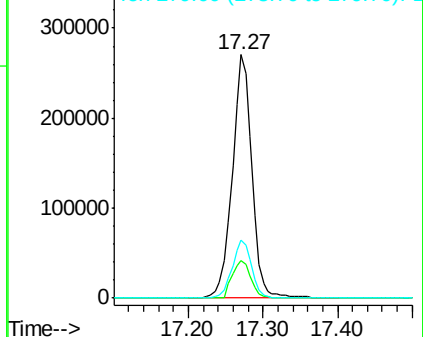
279 23.7 19.0 28.4

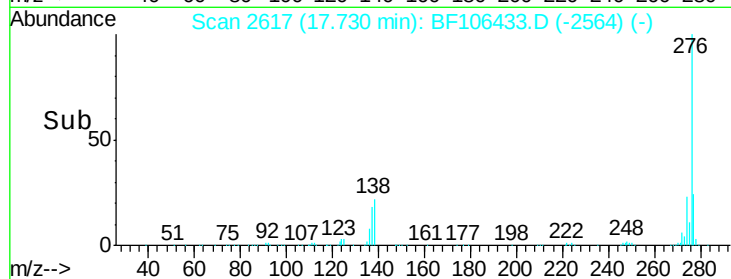
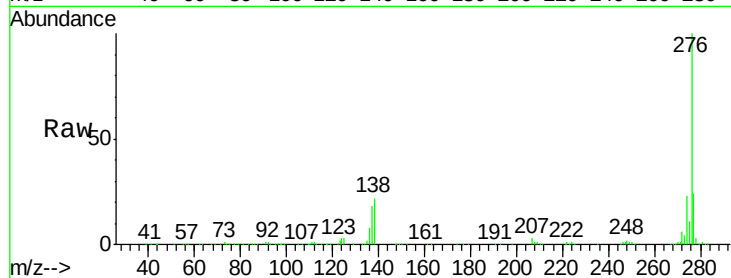
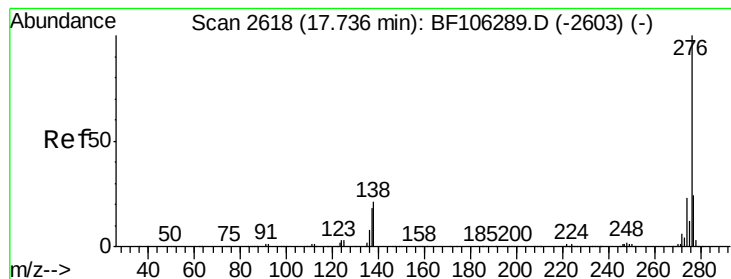


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.190 ng

RT: 17.73 min Scan# 2617

Delta R.T. 0.01 min

Lab File: BF106433.D

Acq: 14 Jun 2018 10:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 442091

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 21.5 21.8 32.8#

