

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106581.D
 Acq On : 19 Jun 2018 14:48
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 16:14:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	121512	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	479525	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	231302	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	452489	20.00	ng	0.00
75) Chrysene-d12	14.16	240	384969	20.00	ng	0.00
86) Perylene-d12	15.70	264	310824	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	547978	76.36	ng	0.00
7) Phenol-d6	6.61	99	674377	75.25	ng	0.00
23) Nitrobenzene-d5	7.53	82	655312	75.95	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	210575	78.55	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1090412	78.70	ng	0.00
78) Terphenyl-d14	13.08	244	1219662	76.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	141236	38.283	ng	97
3) Pyridine	3.61	79	380451	38.024	ng	98
4) n-Nitrosodimethylamine	3.58	42	164495	38.709	ng	92
6) Aniline	6.63	93	466389	38.367	ng	96
8) 2-Chlorophenol	6.75	128	299586	38.063	ng	97
9) Benzaldehyde	6.52	77	229324	37.000	ng	97
10) Phenol	6.62	94	388150	37.953	ng	78
11) bis(2-Chloroethyl)ether	6.70	93	317040	37.551	ng	99
12) 1,3-Dichlorobenzene	6.90	146	349929	37.960	ng	97
13) 1,4-Dichlorobenzene	6.98	146	356771	38.281	ng	98
14) 1,2-Dichlorobenzene	7.14	146	325481	38.107	ng	97
15) Benzyl Alcohol	7.11	79	275955	38.350	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	418914	37.817	ng	81
17) 2-Methylphenol	7.22	107	256946	38.148	ng	96
18) Hexachloroethane	7.47	117	124437	37.968	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	213129	36.080	ng	94
20) 3+4-Methylphenols	7.37	107	288151	37.930	ng	# 67
22) Acetophenone	7.37	105	410039	38.221	ng	# 92
24) Nitrobenzene	7.55	77	340919	38.699	ng	96
25) Isophorone	7.78	82	582781	38.328	ng	98
26) 2-Nitrophenol	7.86	139	165125	39.706	ng	94
27) 2,4-Dimethylphenol	7.90	122	252417	39.269	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	390770	38.277	ng	99
29) 2,4-Dichlorophenol	8.11	162	262613	39.024	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	285327	38.488	ng	98
31) Naphthalene	8.27	128	853593	38.074	ng	99
32) Benzoic acid	8.02	122	149884	33.960	ng	89
33) 4-Chloroaniline	8.32	127	358989	38.162	ng	99
34) Hexachlorobutadiene	8.38	225	188571	39.037	ng	98
35) Caprolactam	8.70	113	85138	38.811	ng	# 87
36) 4-Chloro-3-methylphenol	8.81	107	271989	38.398	ng	97
37) 2-Methylnaphthalene	8.96	142	561739	37.802	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	298296	38.295	ng	97
40) Hexachlorocyclopentadiene	9.11	237	159852	39.886	ng	98

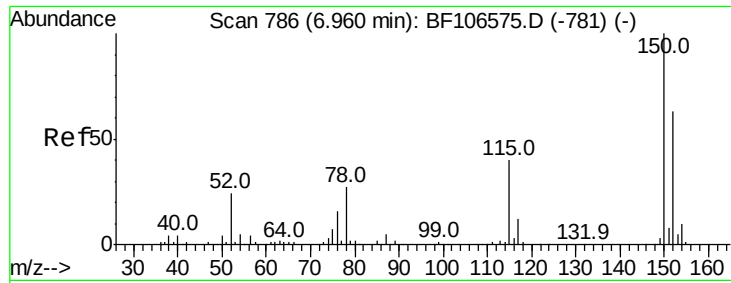
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106581.D
 Acq On : 19 Jun 2018 14:48
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 16:14:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	200230	38.671	nq	98
43) 2,4,5-Trichlorophenol	9.24	196	200230	37.060	nq	93
45) 1,1'-Biphenyl	9.42	154	690439	37.455	nq	99
46) 2-Chloronaphthalene	9.45	162	546567	37.668	nq	97
47) 2-Nitroaniline	9.55	65	191473	39.242	nq	90
48) Acenaphthylene	9.87	152	867494	37.868	nq	98
49) Dimethylphthalate	9.72	163	651368	37.547	nq	99
50) 2,6-Dinitrotoluene	9.79	165	141088	38.407	nq	98
51) Acenaphthene	10.04	154	522397	36.213	nq	99
52) 3-Nitroaniline	9.97	138	167739	39.681	nq	95
53) 2,4-Dinitrophenol	10.07	184	68851	38.990	nq #	18
54) Dibenzofuran	10.21	168	756910	38.319	nq	98
55) 4-Nitrophenol	10.14	139	120738	40.919	nq	93
56) 2,4-Dinitrotoluene	10.20	165	191708	39.981	nq #	94
57) Fluorene	10.56	166	580941	37.062	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	170844	39.779	nq #	83
59) Diethylphthalate	10.42	149	635766	37.970	nq	96
60) 4-Chlorophenyl-phenylether	10.54	204	308744	37.645	nq	93
61) 4-Nitroaniline	10.58	138	164214	39.143	nq	99
62) Azobenzene	10.71	77	622608	37.760	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	113013	40.405	nq	89
65) n-Nitrosodiphenylamine	10.67	169	587018	38.570	nq	94
66) 4-Bromophenyl-phenylether	11.04	248	209662	38.825	nq #	85
67) Hexachlorobenzene	11.10	284	221609	39.209	nq #	88
68) Atrazine	11.19	200	190785	39.432	nq	95
69) Pentachlorophenol	11.30	266	115990	41.129	nq	98
70) Phenanthrene	11.52	178	858727	39.347	nq	99
71) Anthracene	11.58	178	871247	39.111	nq	98
72) Carbazole	11.73	167	792929	38.019	nq	99
73) Di-n-butylphthalate	12.05	149	937034	38.137	nq	99
74) Fluoranthene	12.72	202	940085	39.081	nq	97
76) Benzidine	12.84	184	457637	41.741	nq	99
77) Pyrene	12.95	202	969589	38.194	nq	98
79) Butylbenzylphthalate	13.55	149	406639	38.960	nq #	98
80) Benzo(a)anthracene	14.15	228	895049	38.148	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	313953	38.072	nq #	96
82) Chrysene	14.19	228	819059	37.945	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	519078	38.900	nq	98
84) Di-n-octyl phthalate	14.75	149	831617	38.233	nq	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	669420	36.544	nq #	92
87) Benzo(b)fluoranthene	15.25	252	732110	37.917	nq	97
88) Benzo(k)fluoranthene	15.28	252	747648	40.661	nq #	96
89) Benzo(a)pyrene	15.64	252	659564	38.426	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	558164	38.370	nq #	94
91) Benzo(g,h,i)perylene	17.75	276	549312	38.634	nq #	93

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

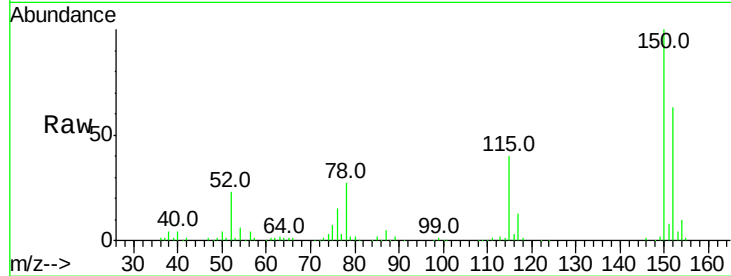


#1

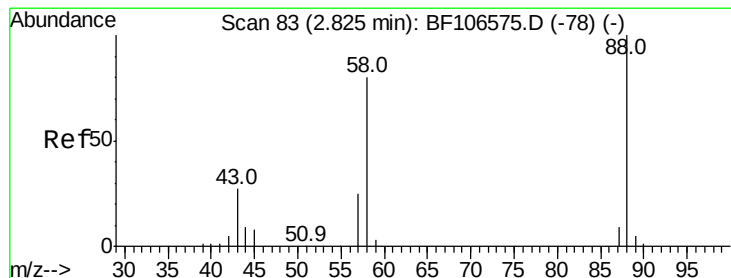
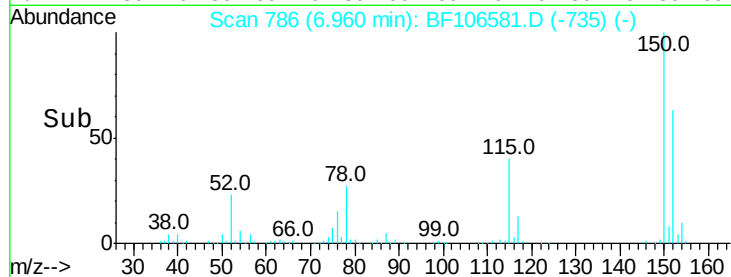
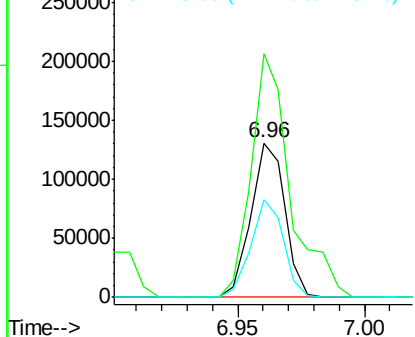
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121512
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 63.0 50.1 75.1



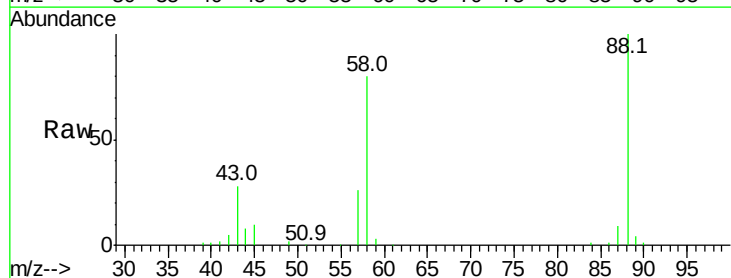
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



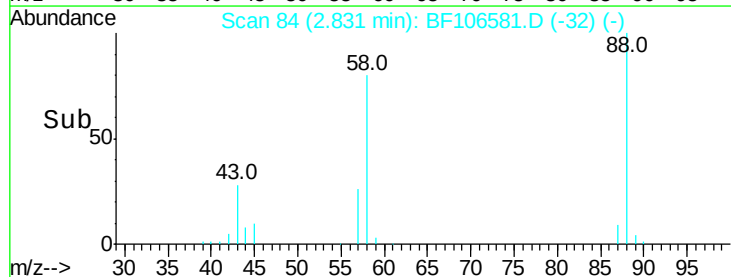
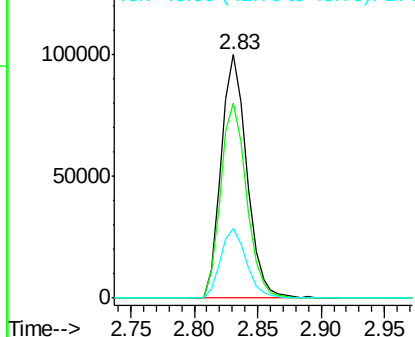
#2

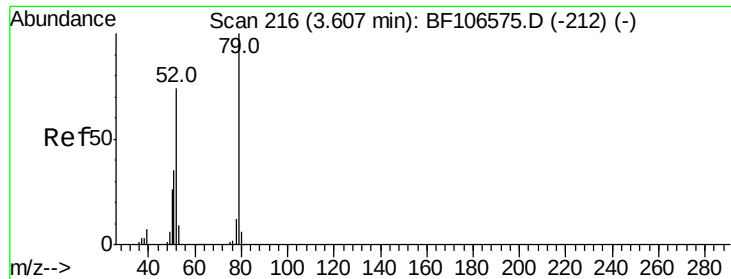
1,4-Dioxane
Concen: 38.283 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion: 88 Resp: 141236
Ion Ratio Lower Upper
88 100
58 80.4 62.6 93.8
43 28.5 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: 38.024 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampled :

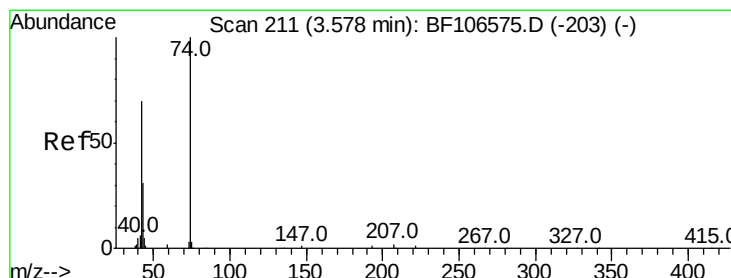
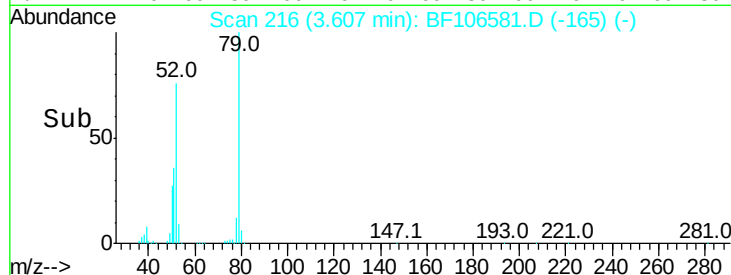
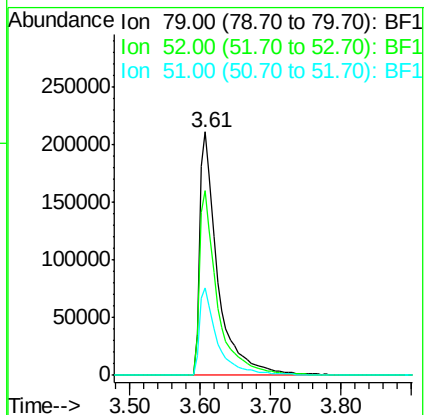
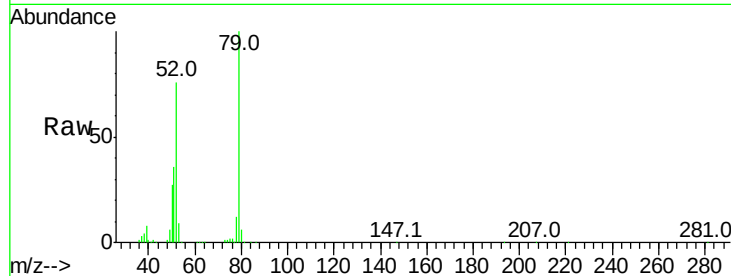
Tot Ion: 79 Resp: 380451

Ion Ratio Lower Upper

79 100

52 75.8 59.8 89.6

51 35.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.709 ng

RT: 3.58 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

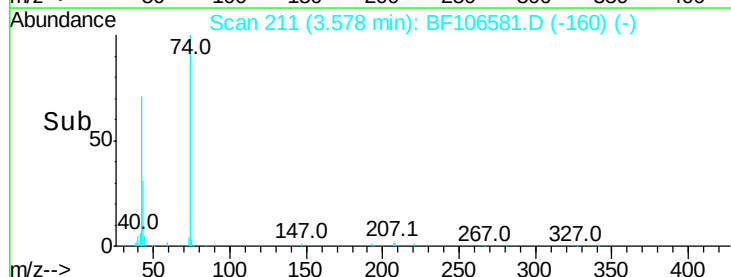
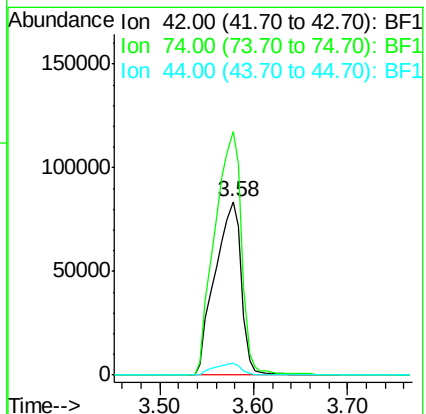
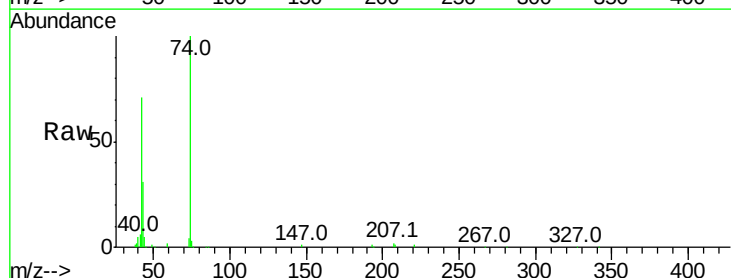
Tgt Ion: 42 Resp: 164495

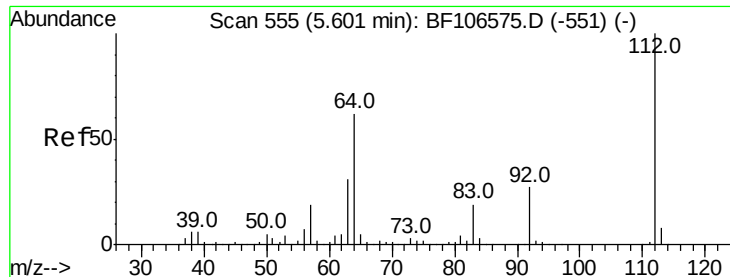
Ion Ratio Lower Upper

42 100

74 140.3 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 76.363 ng

RT: 5.60 min Scan# 555

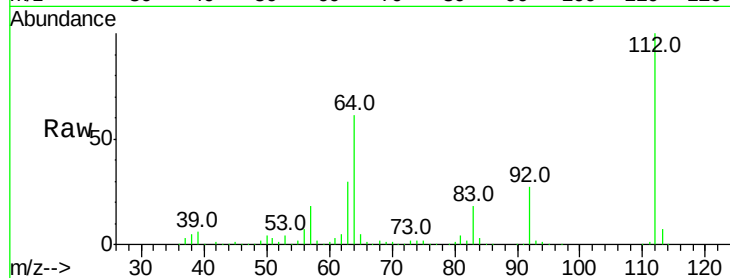
Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampled :

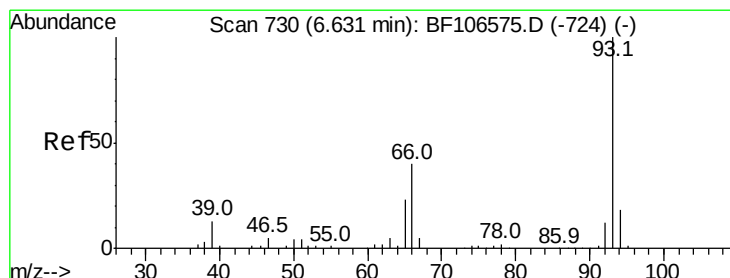
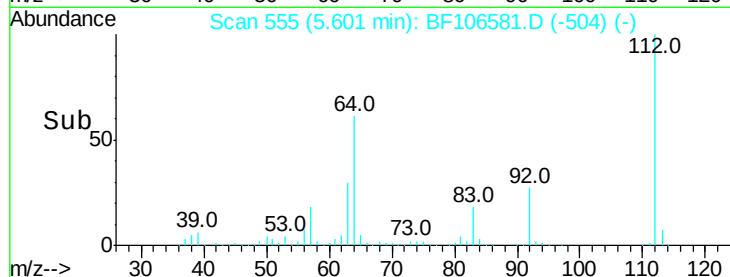
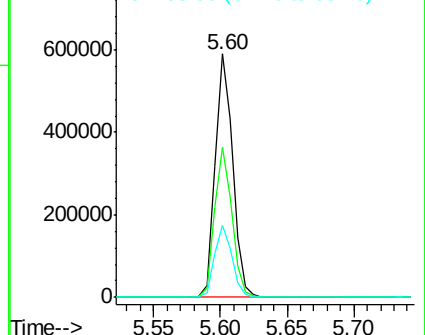
Tot Ion:	112	Resp:	547978
Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	29.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.367 ng

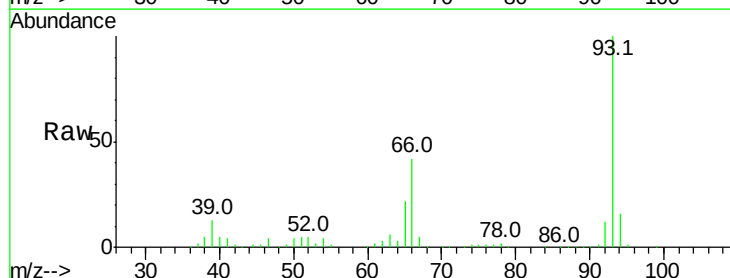
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

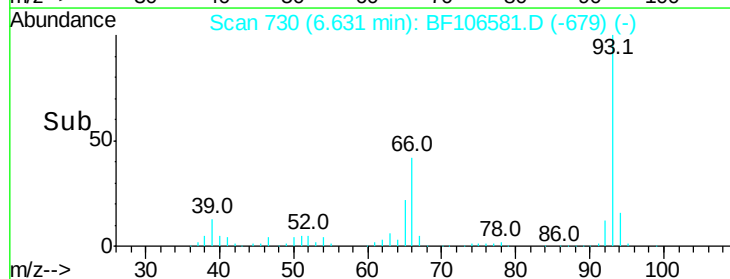
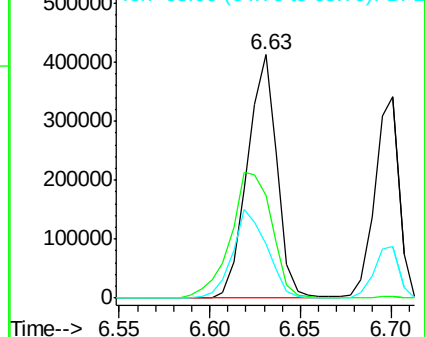
Tgt Ion:	93	Resp:	466389
Ion	Ratio	Lower	Upper
93	100		
66	42.5	32.2	48.2
65	22.1	16.4	24.6

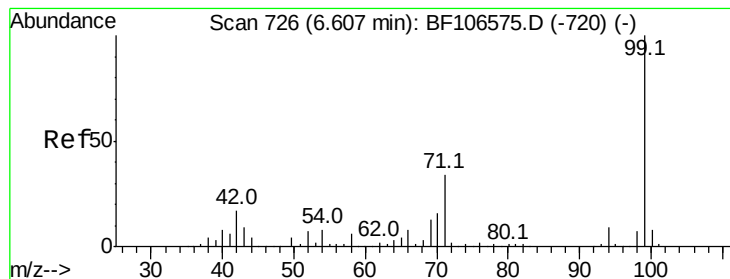


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.254 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

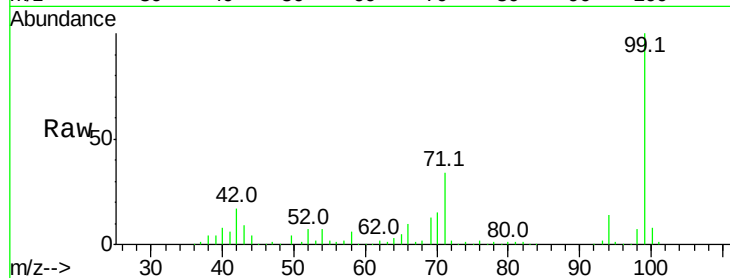
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 674377

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	33.8	25.4	38.0

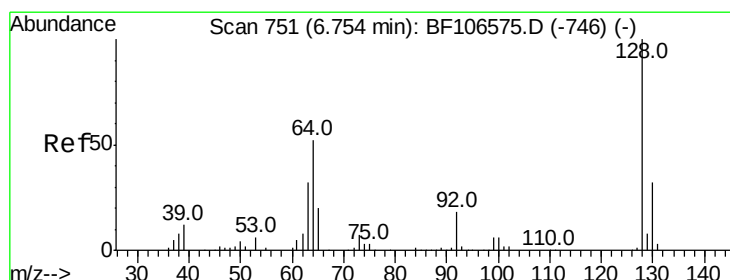
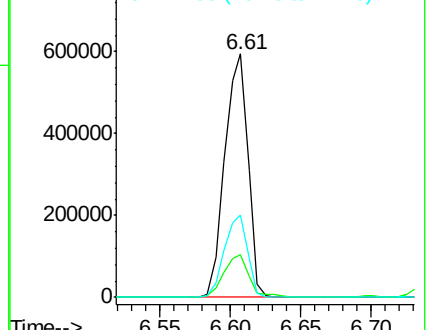
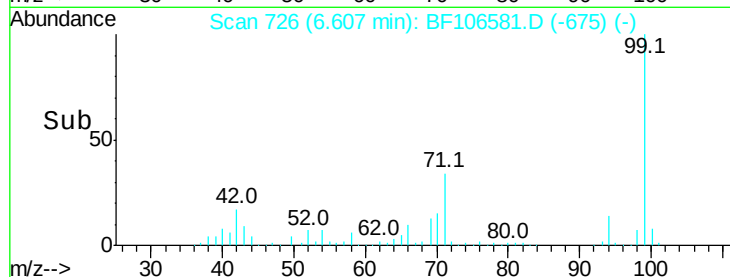


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.063 ng

RT: 6.75 min Scan# 751

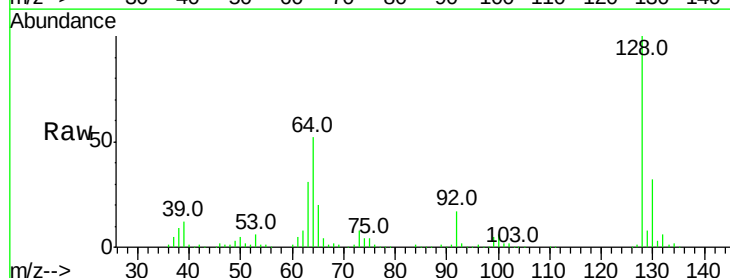
Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Tgt Ion: 128 Resp: 299586

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	52.2	29.4	69.4

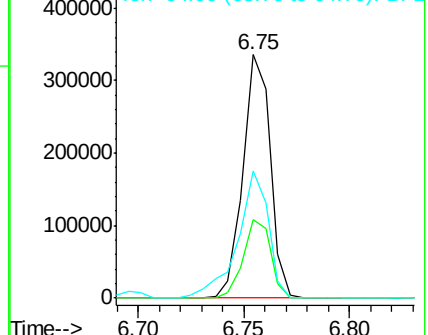
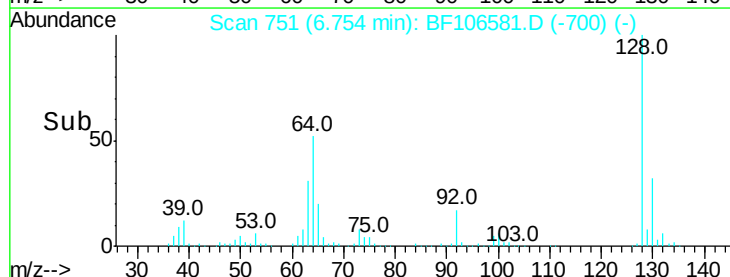


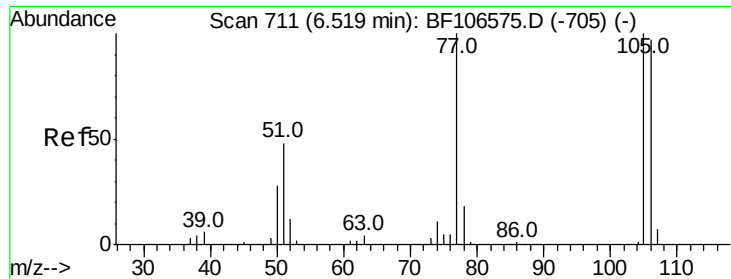
Abundance

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: 37.000 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

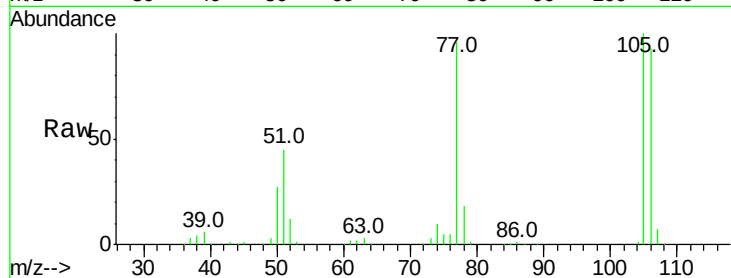
Tot Ion: 77 Resp: 229324

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

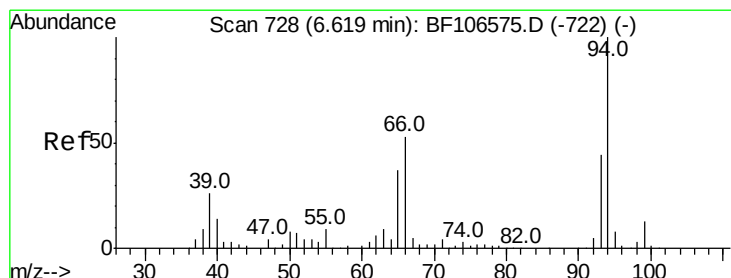
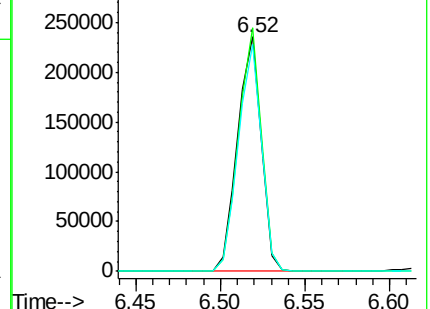
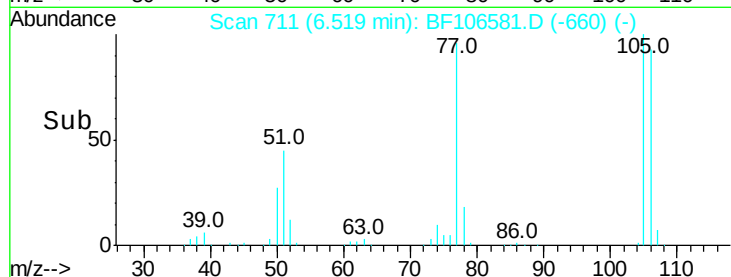
106 97.1 74.5 114.5



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: 37.953 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

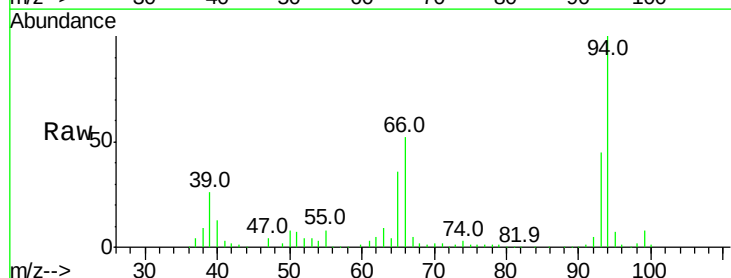
Tgt Ion: 94 Resp: 388150

Ion Ratio Lower Upper

94 100

65 36.5 7.9 47.9

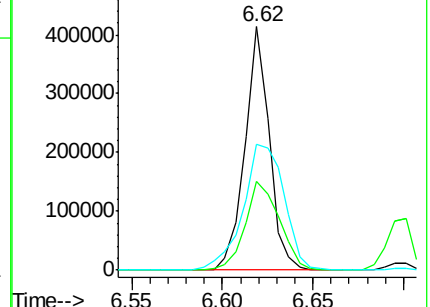
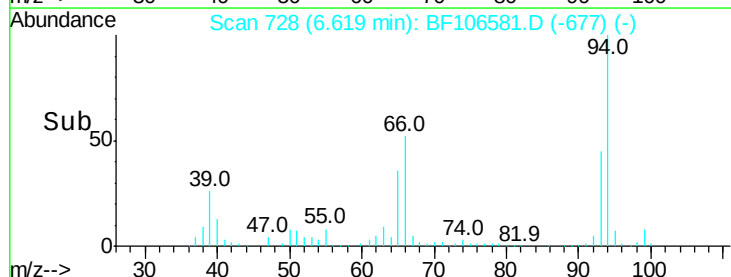
66 51.6 16.2 56.2

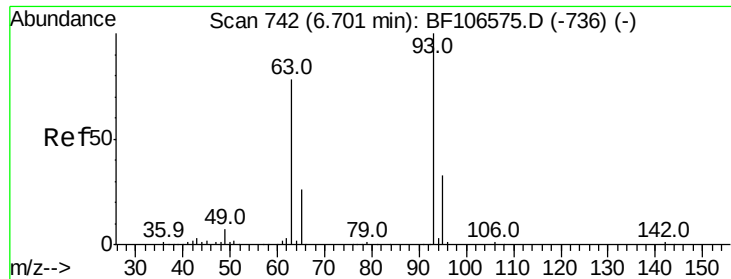


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.551 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

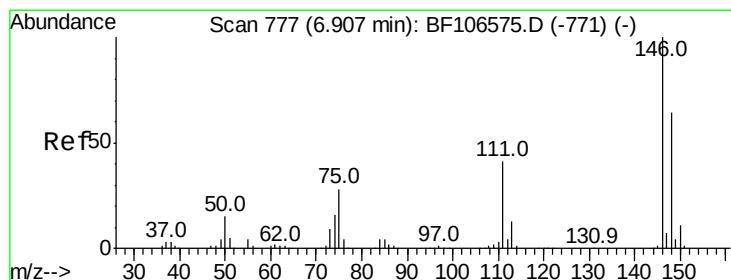
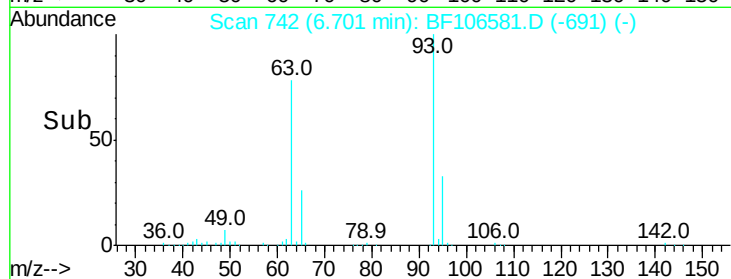
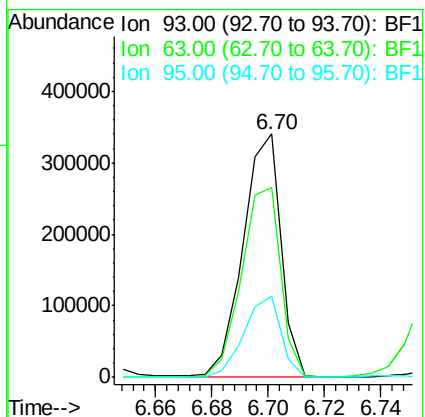
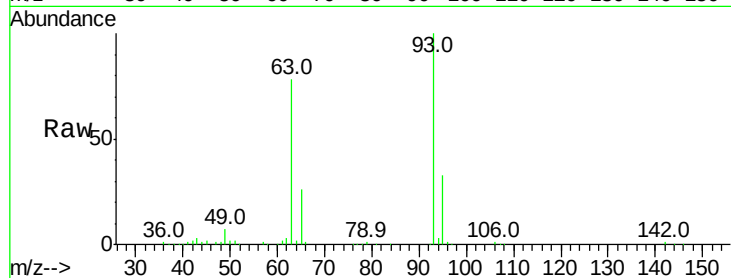
Tot Ion: 93 Resp: 317040

Ion Ratio Lower Upper

93 100

63 77.8 58.6 98.6

95 33.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.960 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

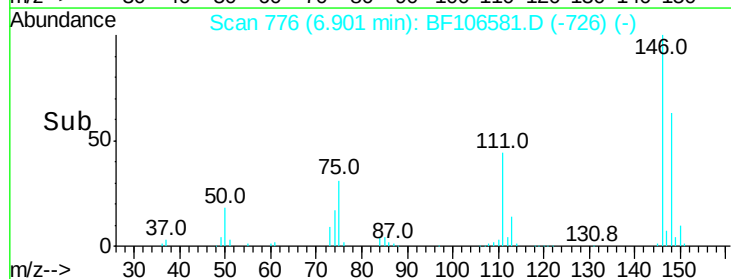
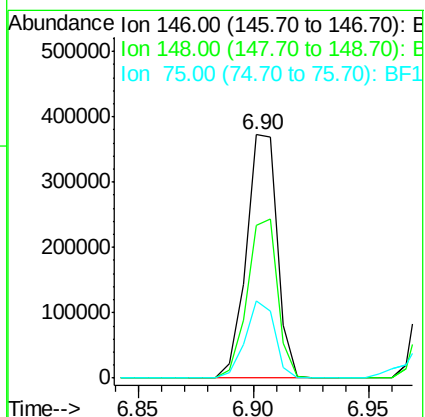
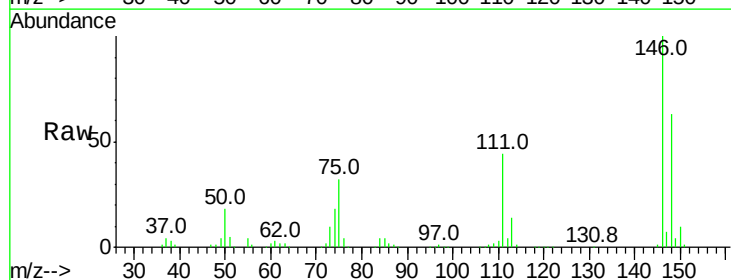
Tgt Ion: 146 Resp: 349929

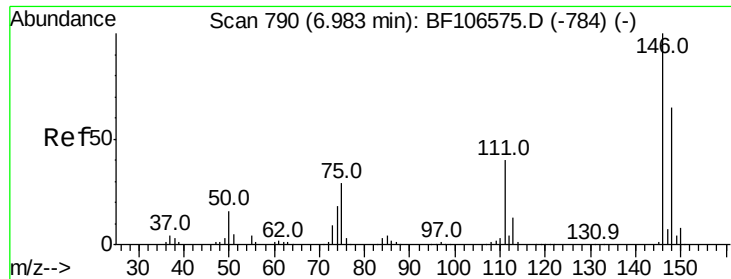
Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.8

75 31.6 24.2 36.4

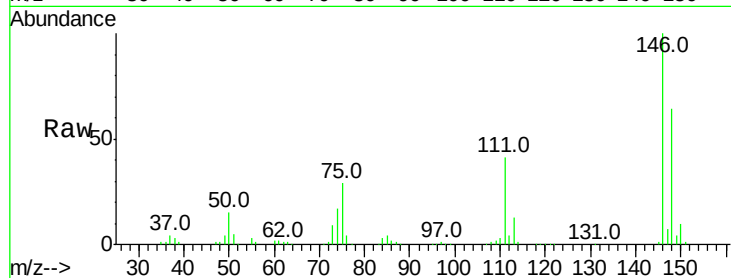




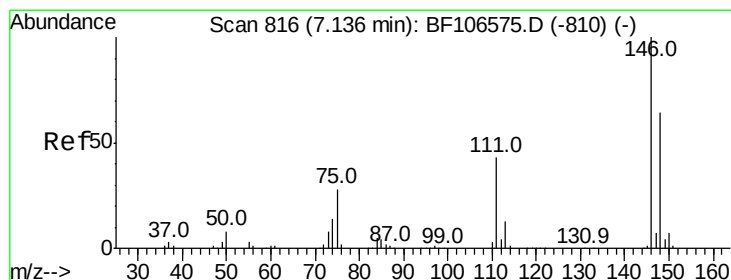
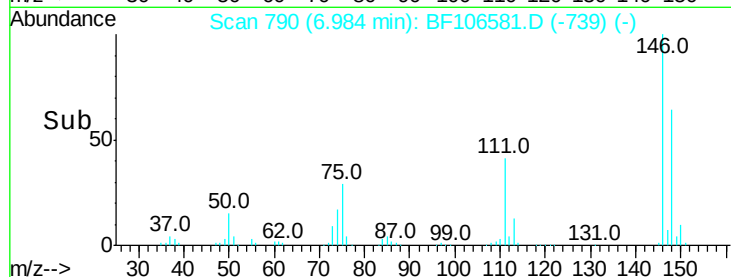
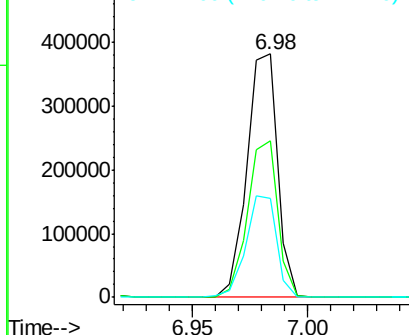
#13
 1,4-Dichlorobenzene
 Concen: 38.281 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 356771
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 40.6 34.2 51.2

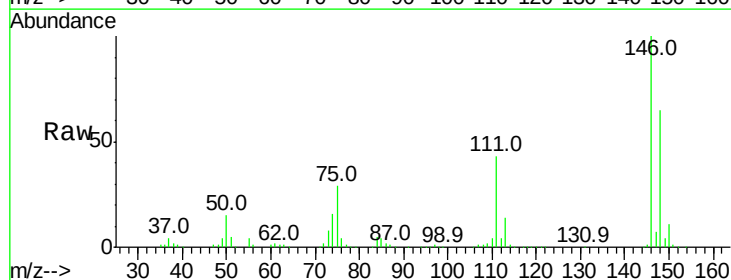


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

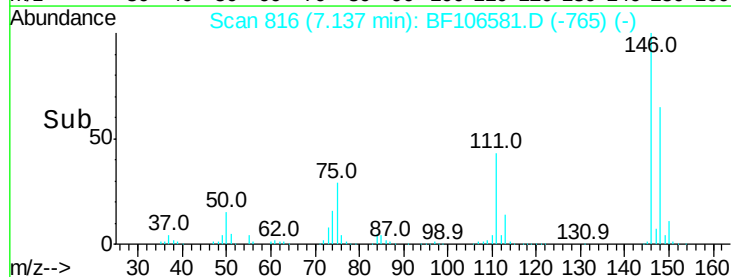
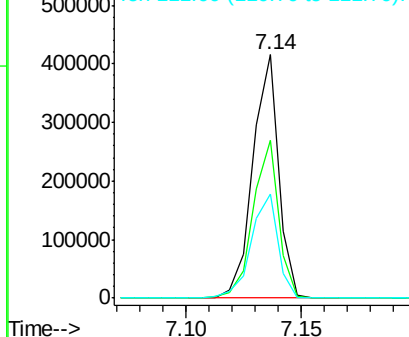


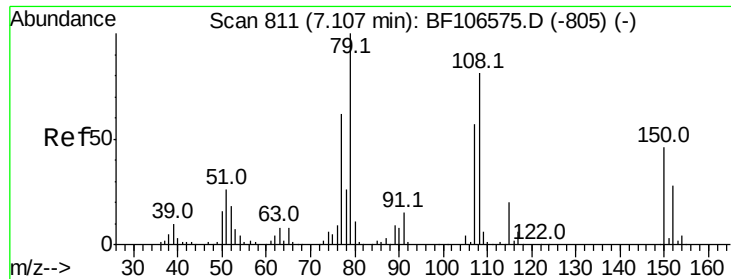
#14
 1,2-Dichlorobenzene
 Concen: 38.107 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:146 Resp: 325481
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 42.5 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

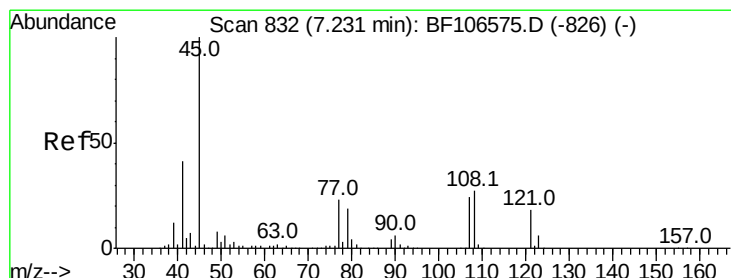
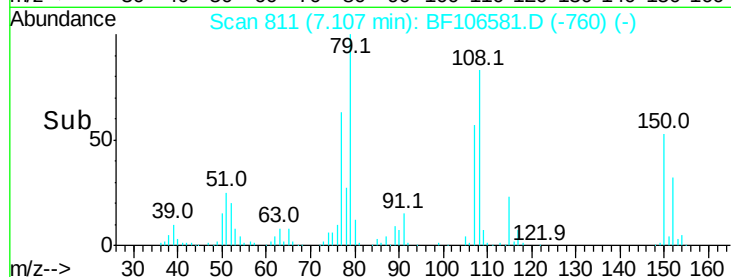
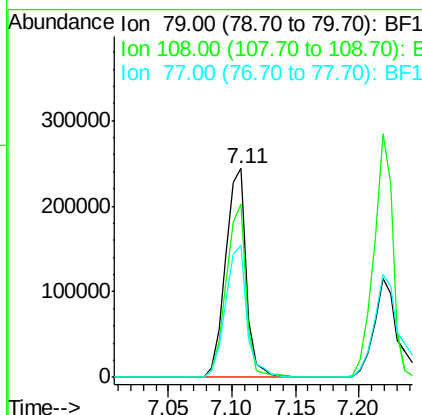
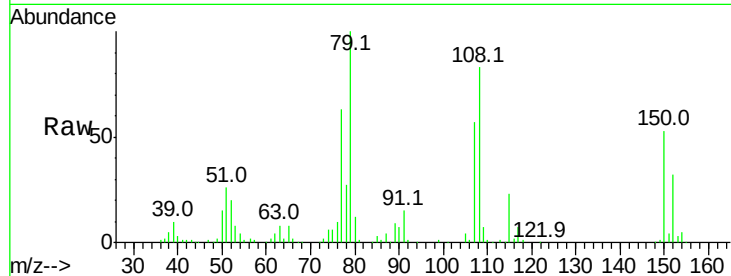




#15
Benzyl Alcohol
Concen: 38.350 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

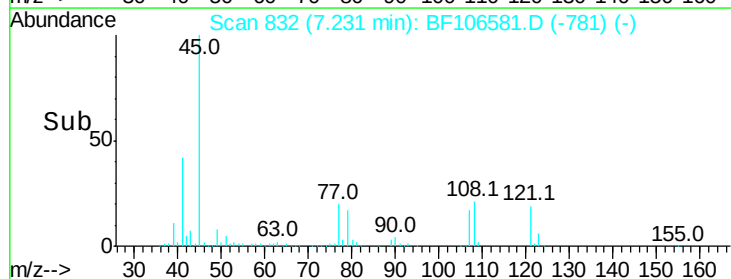
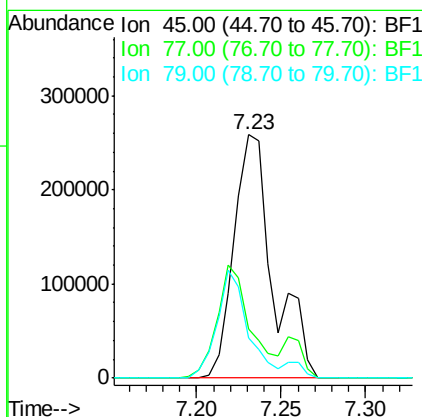
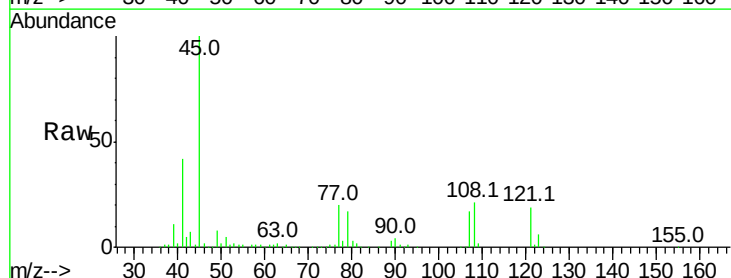
Instrument :
BNA_F
ClientSampleId :

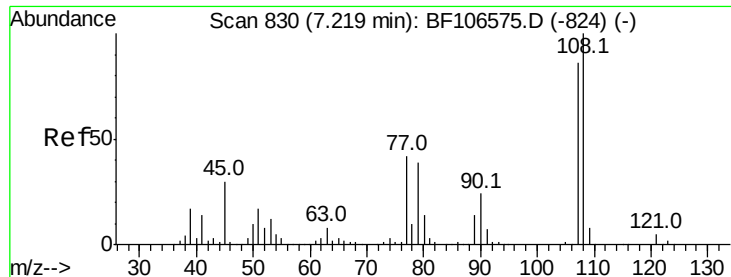
Tot Ion: 79 Resp: 275955
Ion Ratio Lower Upper
79 100
108 83.1 65.1 97.7
77 63.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.817 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion: 45 Resp: 418914
Ion Ratio Lower Upper
45 100
77 20.2 0.0 32.9
79 16.7 0.0 29.6

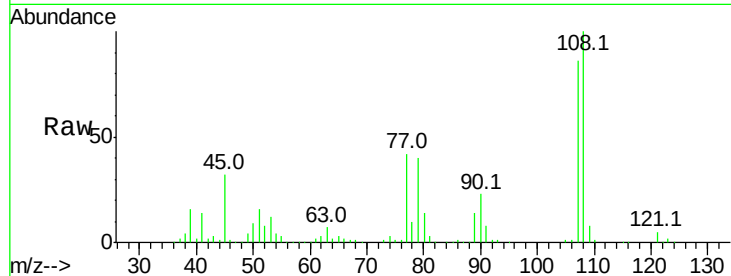




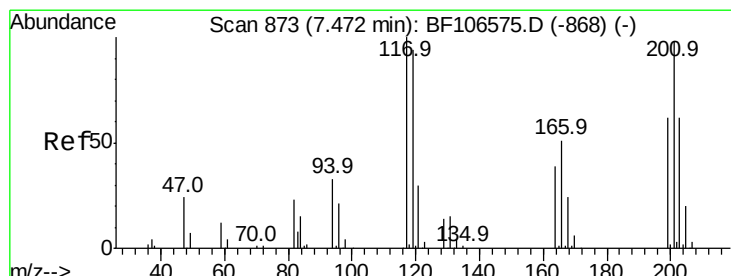
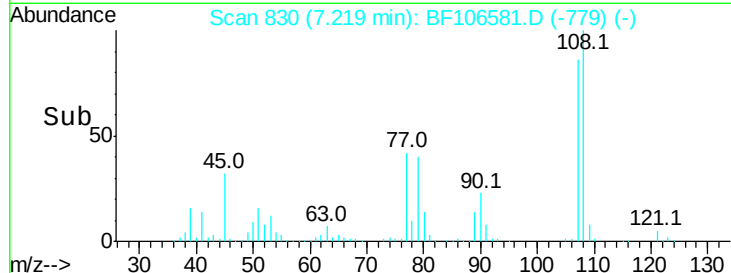
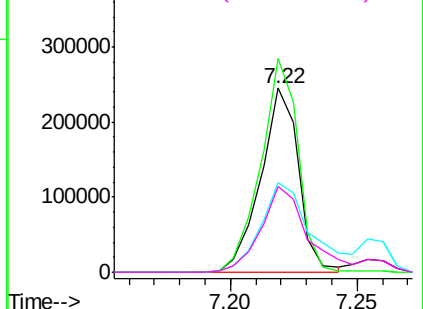
#17
2-Methylphenol
Concen: 38.148 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 256946
Ion Ratio Lower Upper
107 100
108 116.0 91.7 137.5
77 48.7 33.8 50.8
79 46.9 33.8 50.8

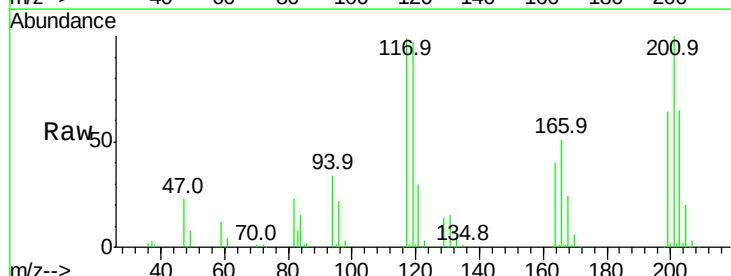


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

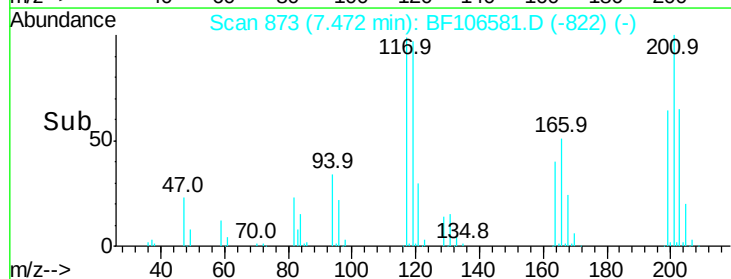
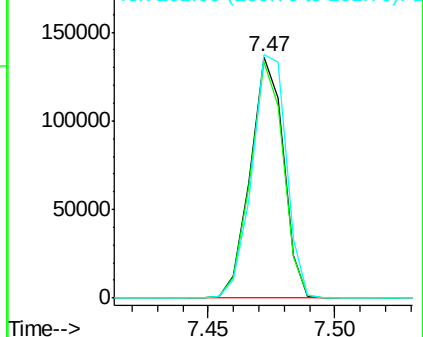


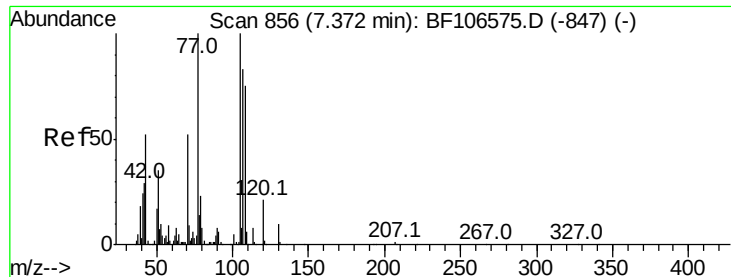
#18
Hexachloroethane
Concen: 37.968 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion:117 Resp: 124437
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 101.0 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

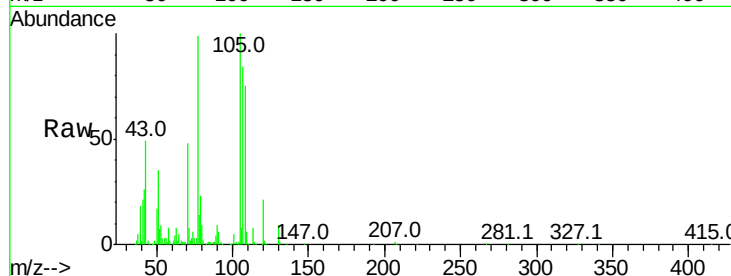




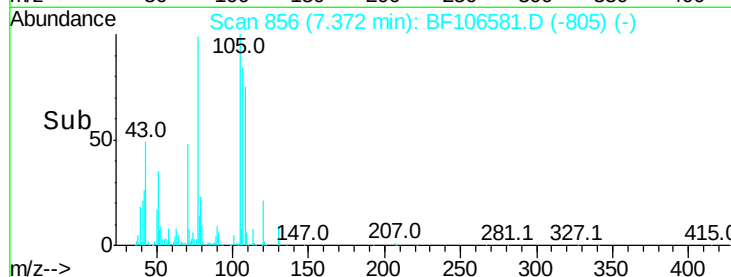
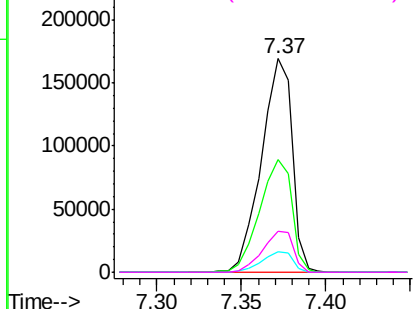
#19
n-Nitroso-di-n-propylamine
Concen: 36.080 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 213129
Ion Ratio Lower Upper
70 100
42 52.9 47.5 71.3
101 9.4 7.4 11.2
130 19.5 16.6 25.0



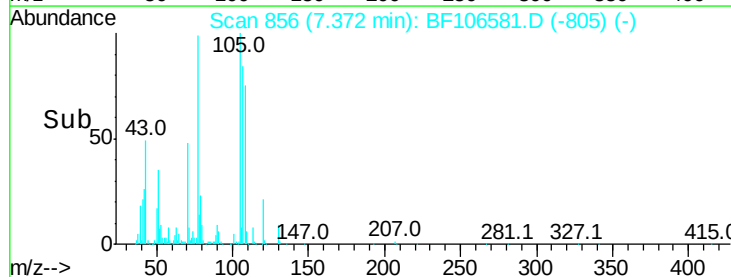
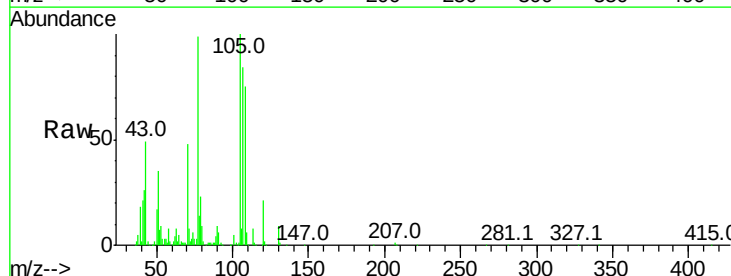
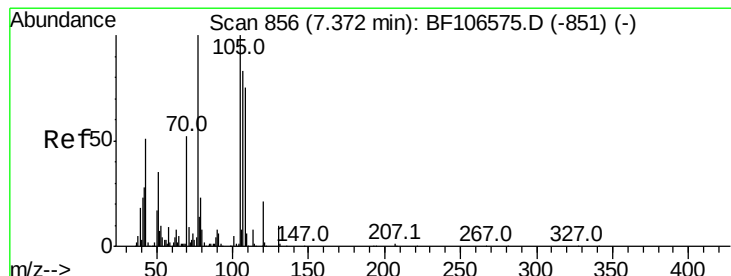
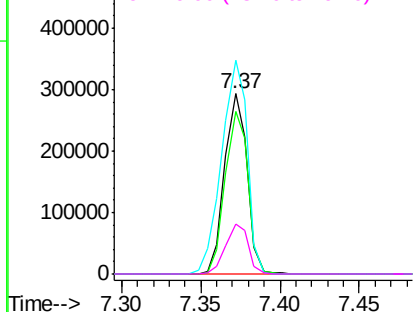
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

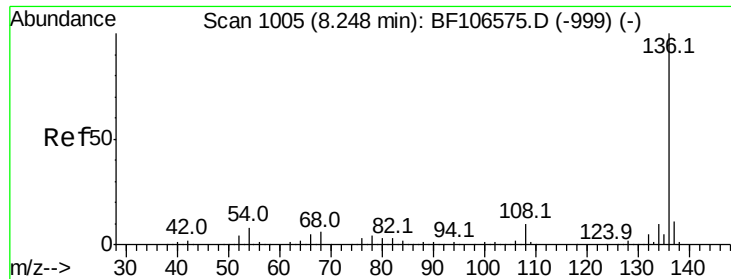


#20
3+4-Methylphenols
Concen: 37.930 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion: 107 Resp: 288151
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 118.4 26.7 66.7#
79 27.6 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

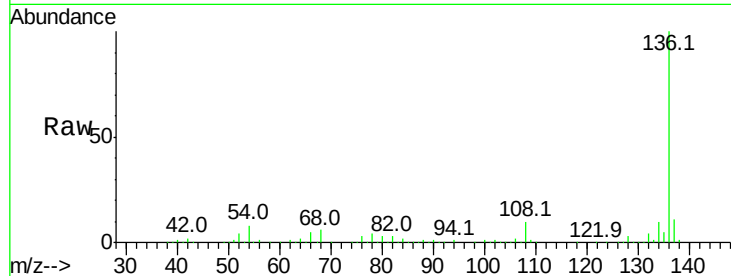




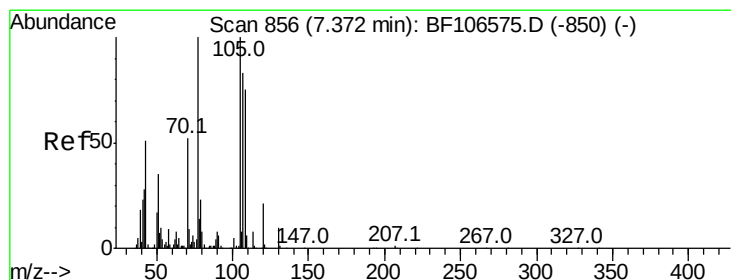
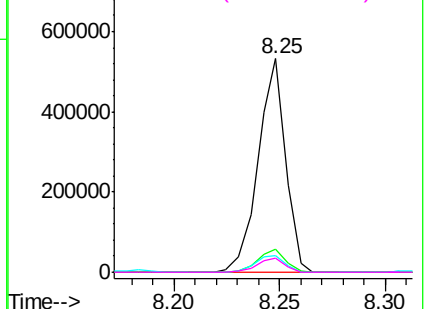
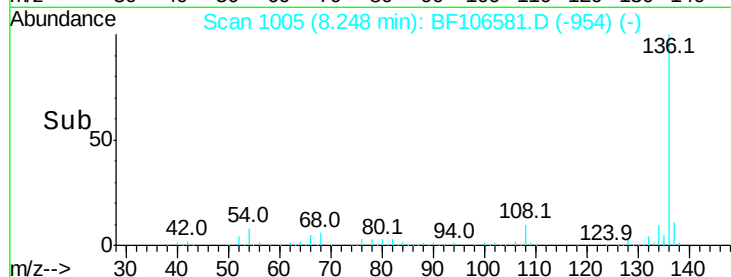
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	479525
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	8.0	6.6 9.8
68	6.4	5.0 7.4

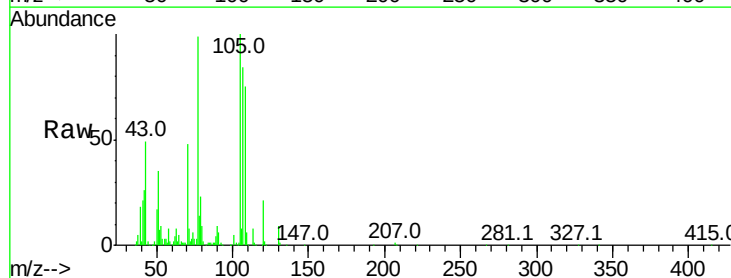


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

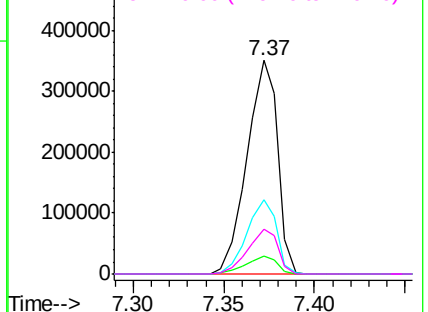
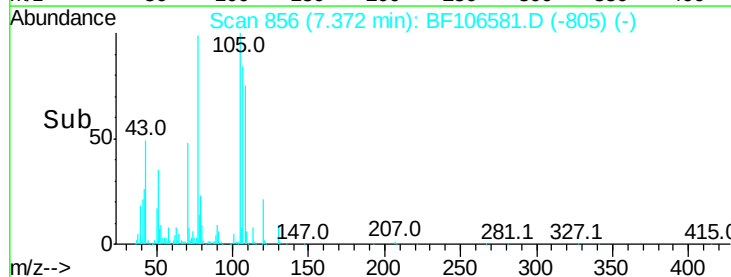


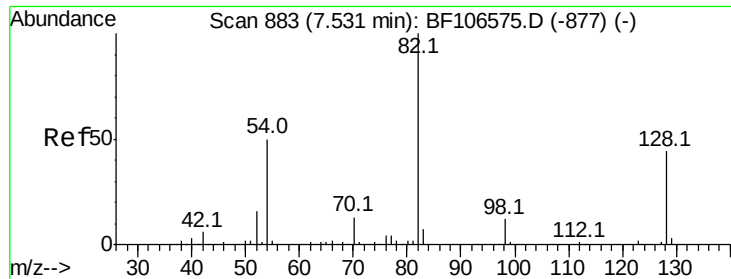
#22
Acetophenone
Concen: 38.221 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion:105	Resp:	410039
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	34.9	22.3 33.5#
120	21.2	16.9 25.3



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

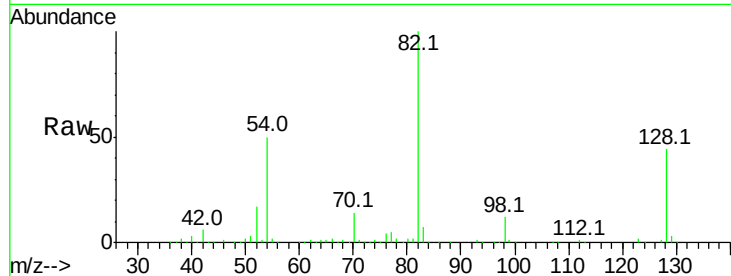




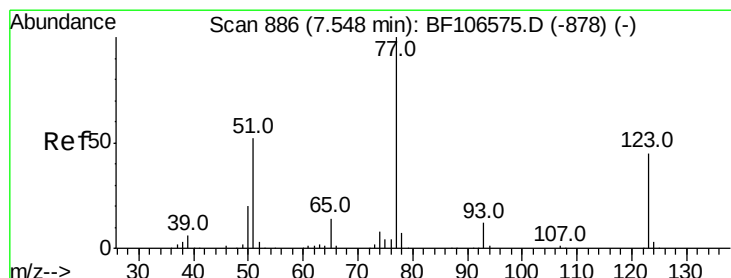
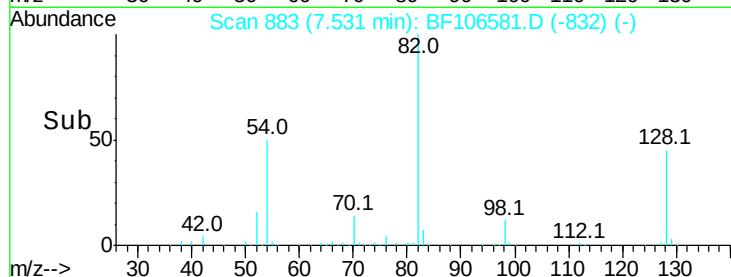
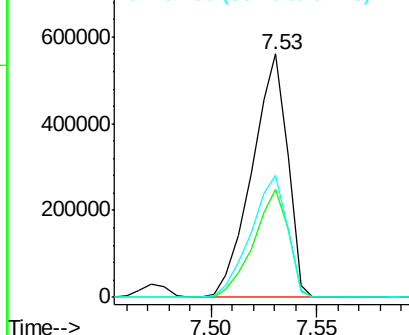
#23
 Nitrobenzene-d5
 Concen: 75.946 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 655312
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 50.3 41.4 62.2

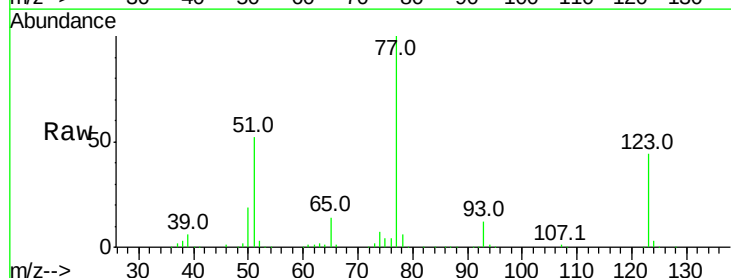


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

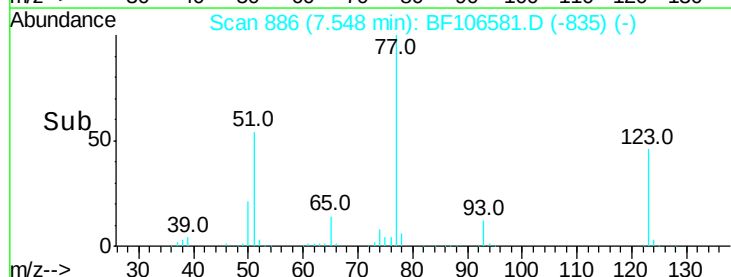
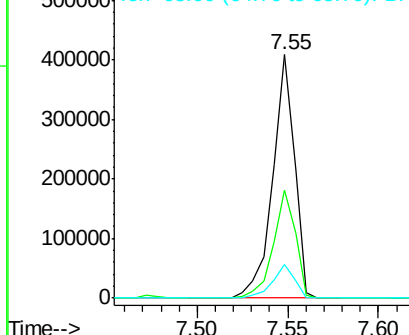


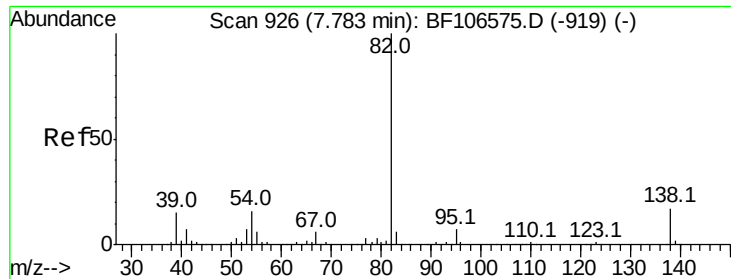
#24
 Nitrobenzene
 Concen: 38.699 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion: 77 Resp: 340919
 Ion Ratio Lower Upper
 77 100
 123 44.4 37.9 56.9
 65 13.7 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: 38.328 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampleId :

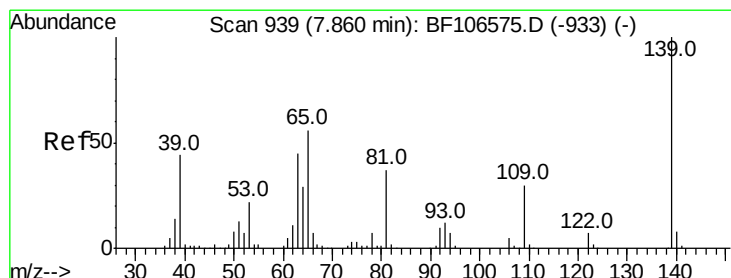
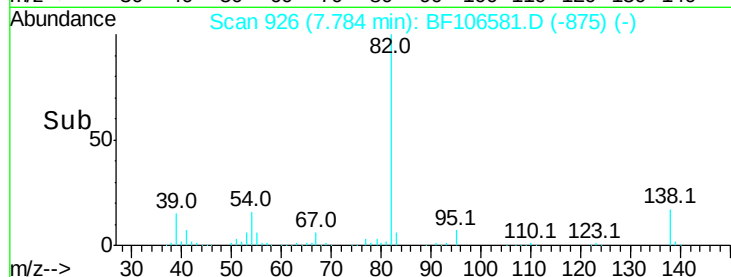
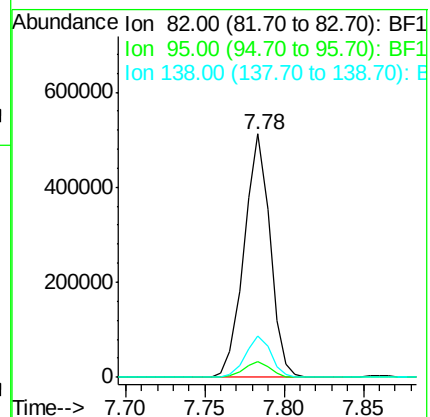
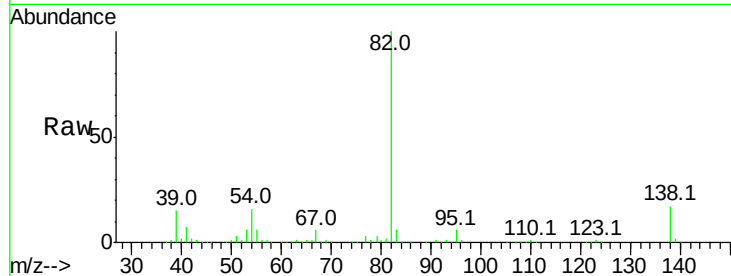
Tot Ion: 82 Resp: 582781

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 39.706 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

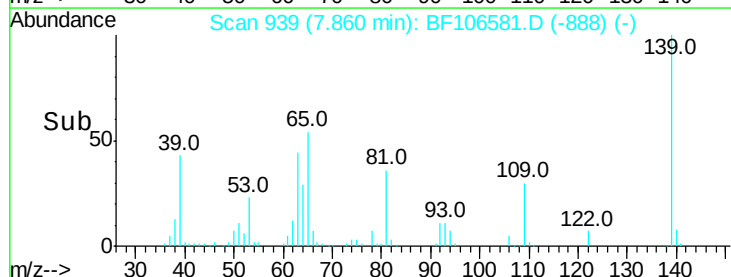
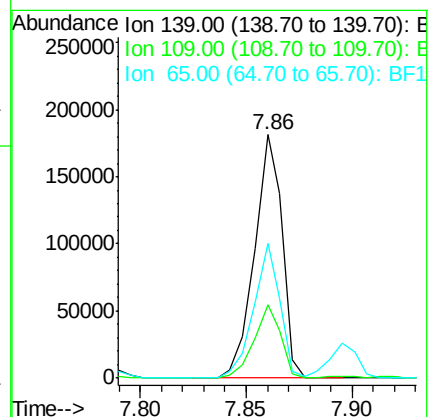
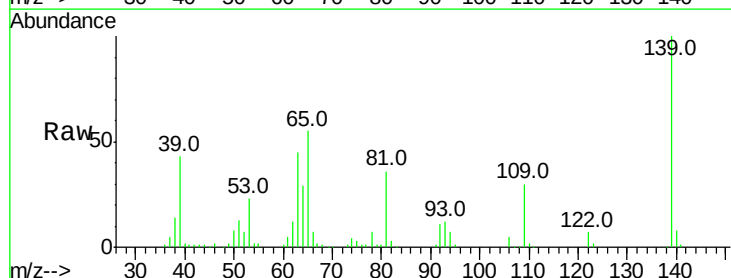
Tgt Ion: 139 Resp: 165125

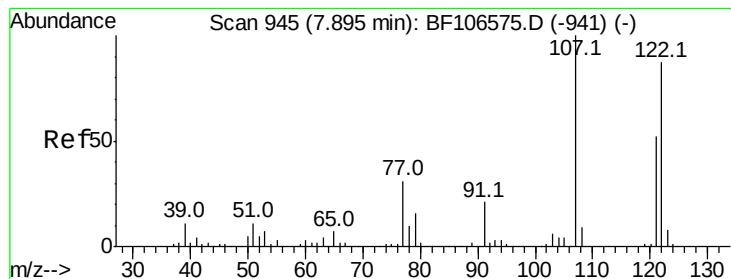
Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

65 55.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.269 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampleId :

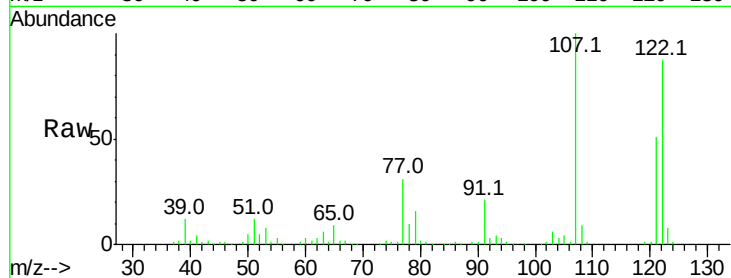
Tot Ion:122 Resp: 252417

Ion Ratio Lower Upper

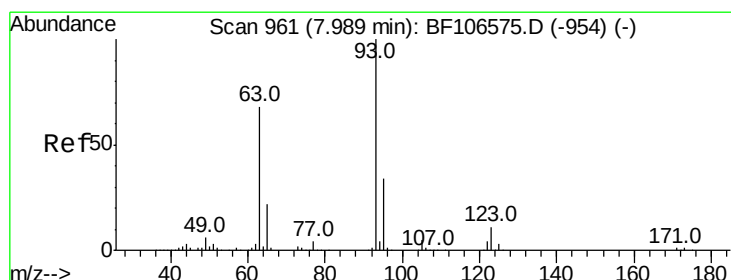
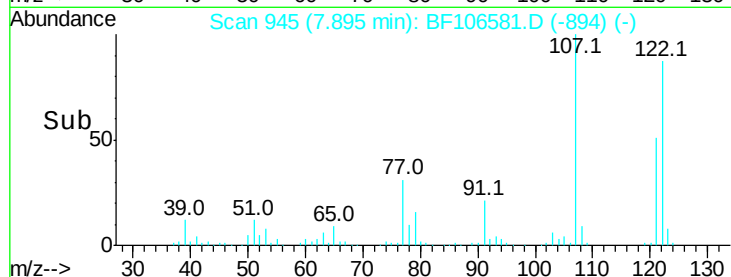
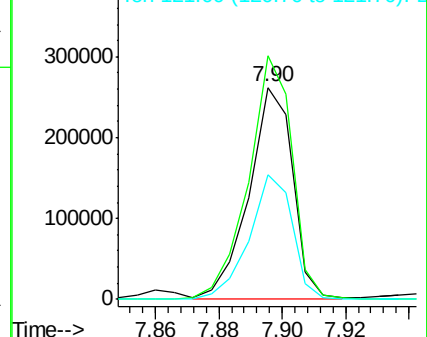
122 100

107 114.9 91.2 136.8

121 58.7 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: 38.277 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

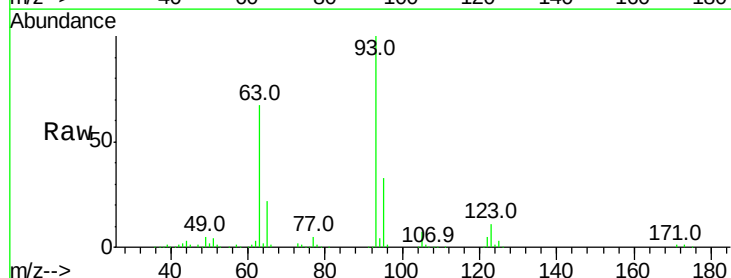
Tgt Ion: 93 Resp: 390770

Ion Ratio Lower Upper

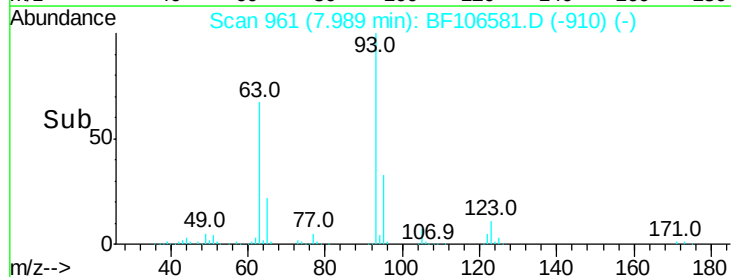
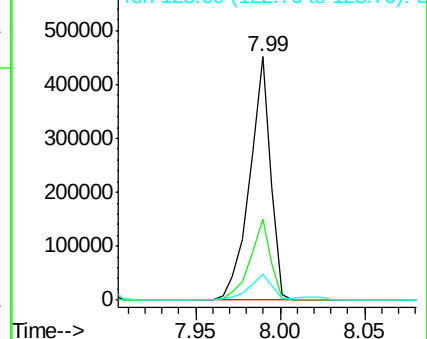
93 100

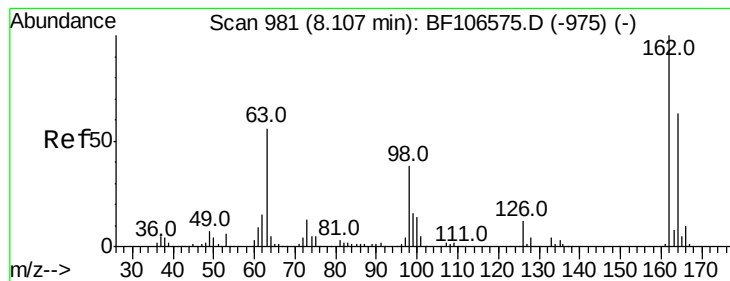
95 33.4 26.3 39.5

123 10.9 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 39.024 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampled :

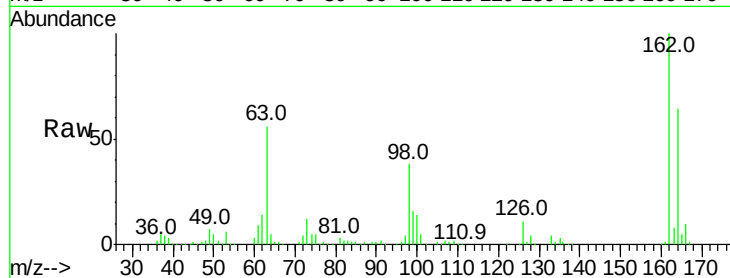
Tot Ion:162 Resp: 262613

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

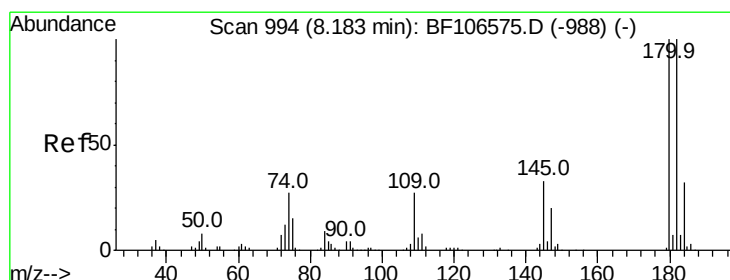
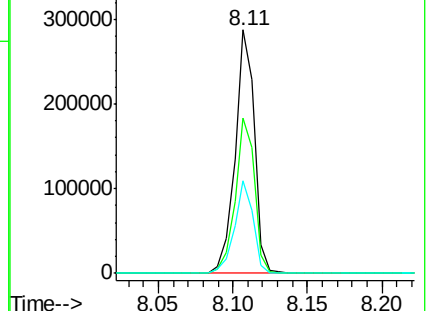
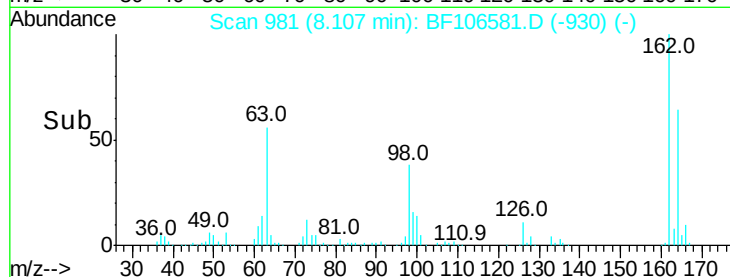
98 37.8 18.1 58.1



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: 38.488 ng

RT: 8.18 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

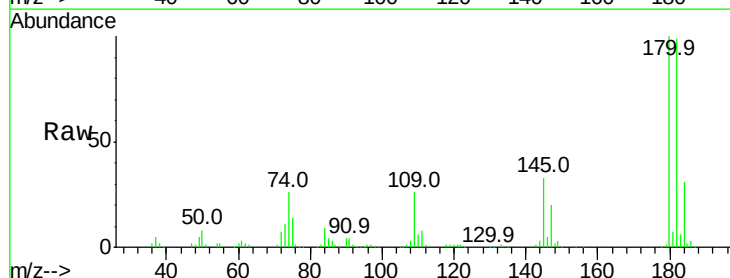
Tgt Ion:180 Resp: 285327

Ion Ratio Lower Upper

180 100

182 98.9 76.8 115.2

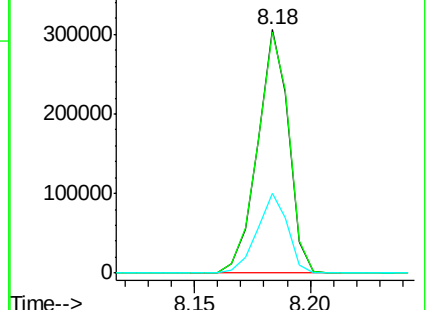
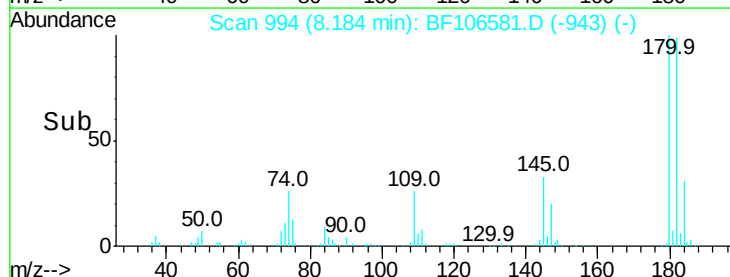
145 32.7 26.5 39.7

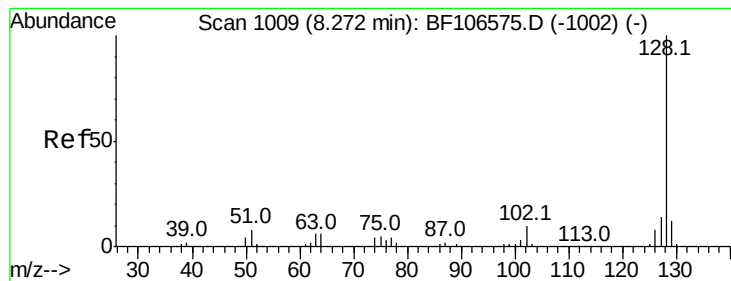


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.074 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampled :

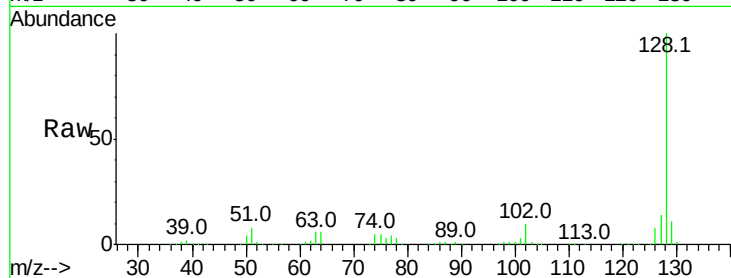
Tot Ion:128 Resp: 853593

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

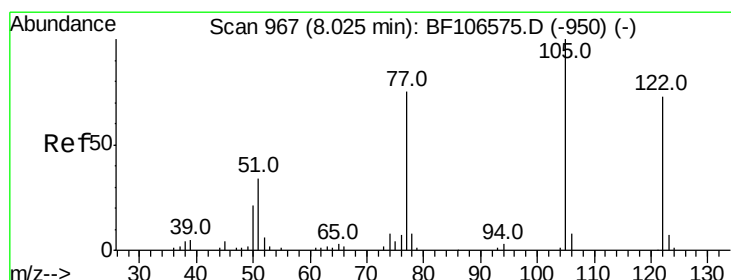
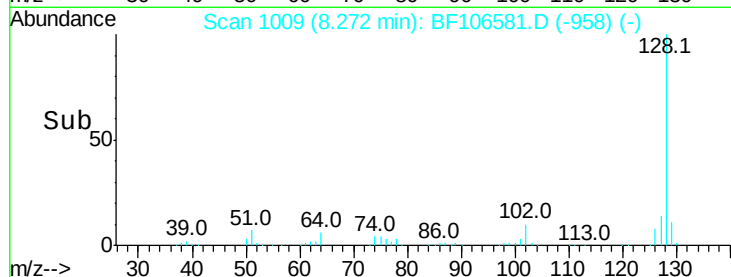
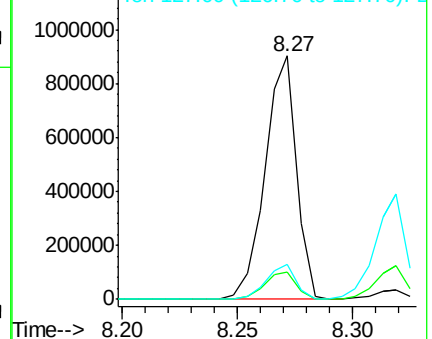
127 14.1 10.9 16.3



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: 33.960 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

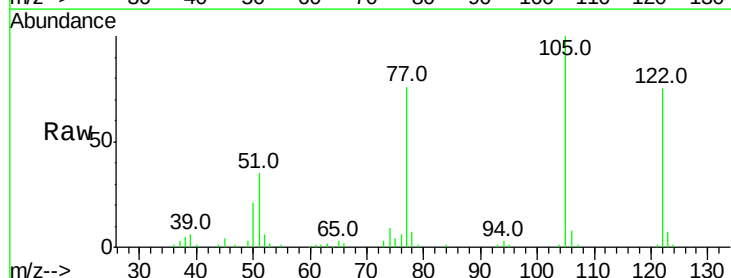
Tgt Ion:122 Resp: 149884

Ion Ratio Lower Upper

122 100

105 132.7 101.1 141.1

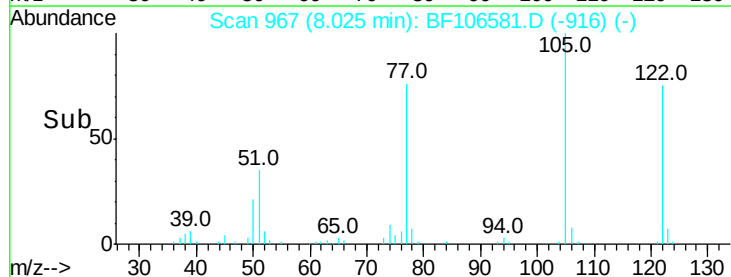
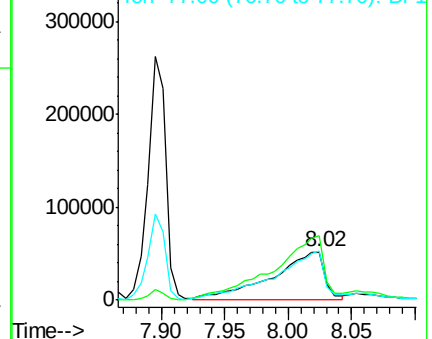
77 101.4 70.7 110.7

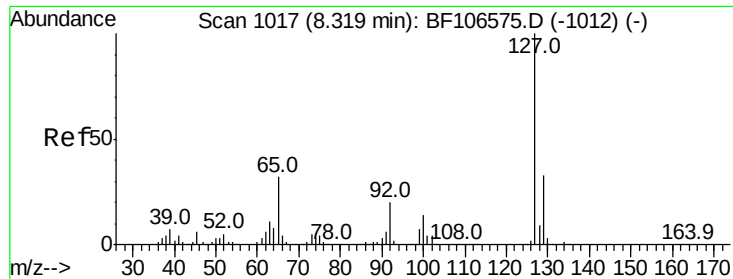


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

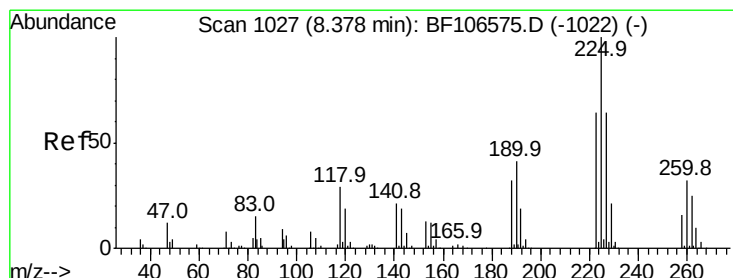
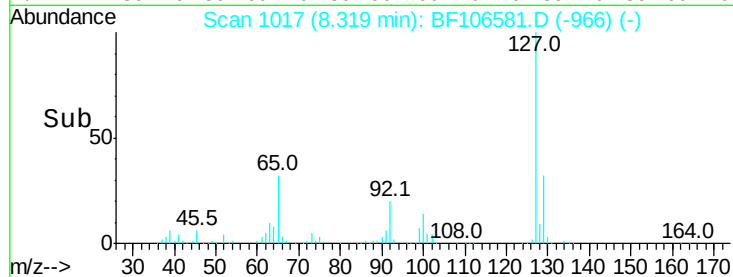
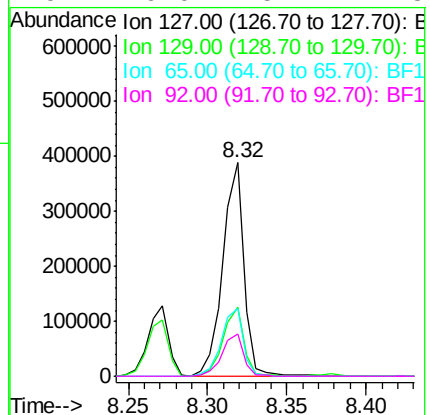
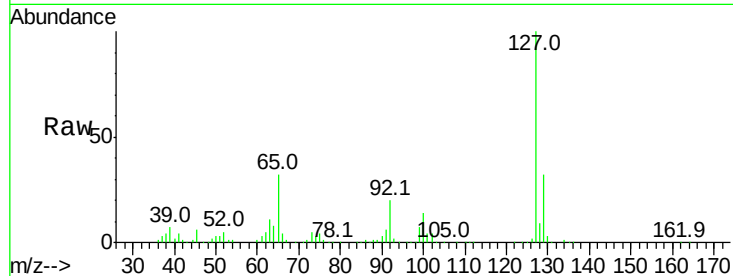




#33
4-Chloroaniline
Concen: 38.162 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

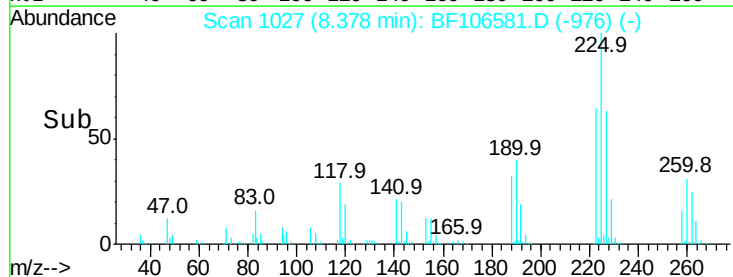
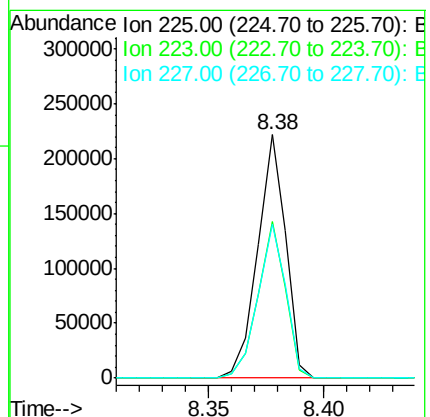
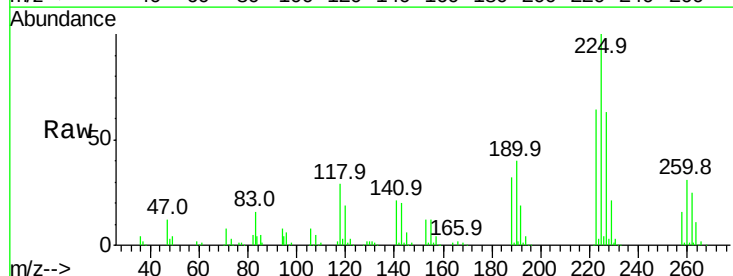
Instrument :
BNA_F
ClientSampleId :

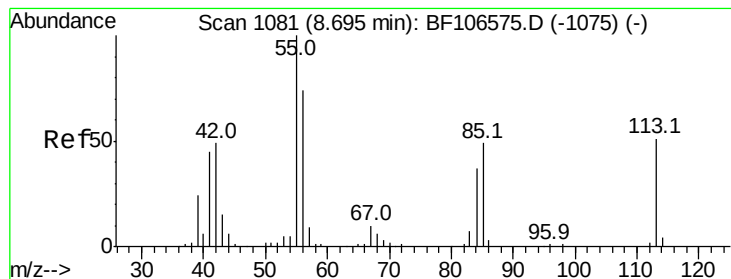
Tot Ion:	127	Resp:	358989
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.1	25.0	37.4
92	20.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.037 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion:	225	Resp:	188571
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.1	51.9	77.9





#35

Caprolactam

Concen: 38.811 ng

RT: 8.70 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

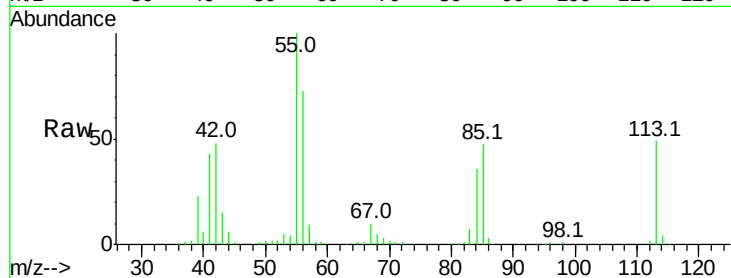
Tot Ion:113 Resp: 85138

Ion Ratio Lower Upper

113 100

55 204.6 163.3 203.3#

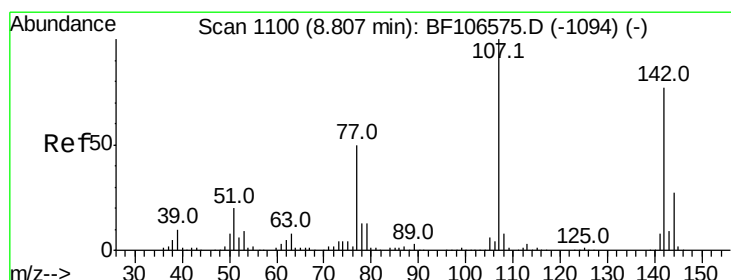
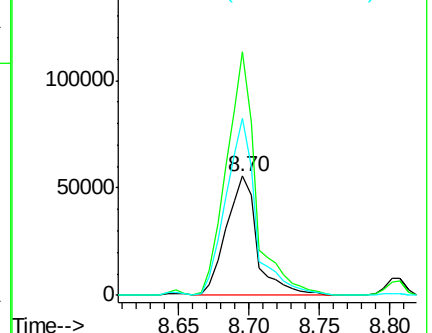
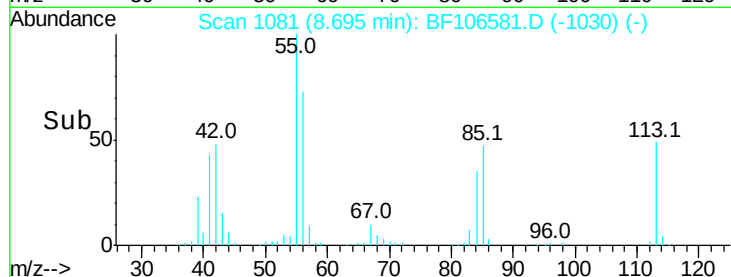
56 148.6 115.7 155.7



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: 38.398 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

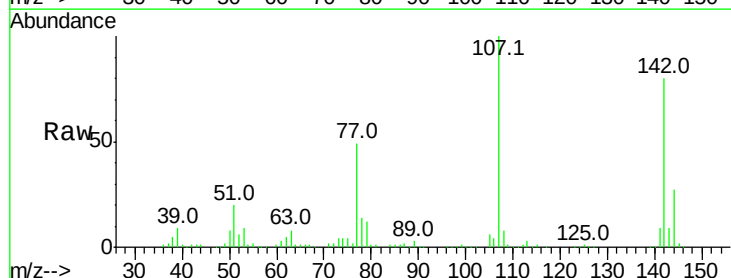
Tgt Ion:107 Resp: 271989

Ion Ratio Lower Upper

107 100

144 27.5 20.5 30.7

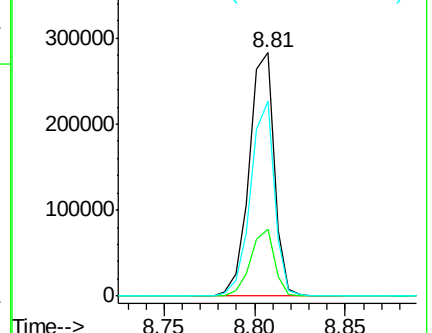
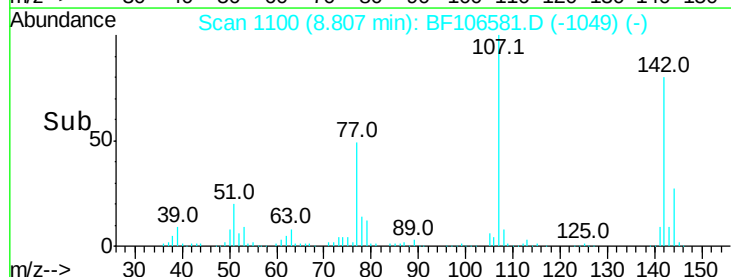
142 79.8 62.0 93.0

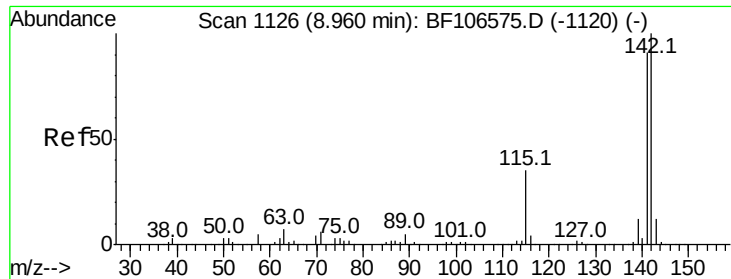


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

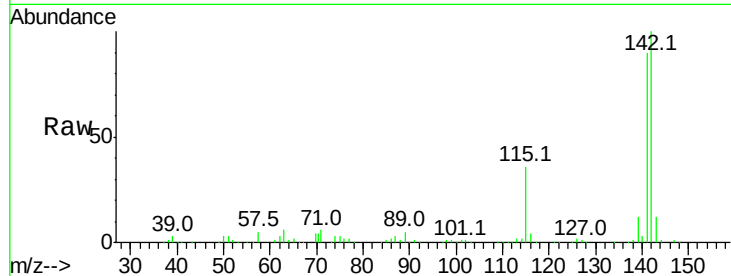




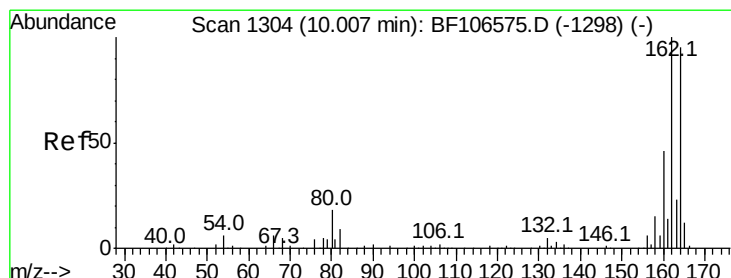
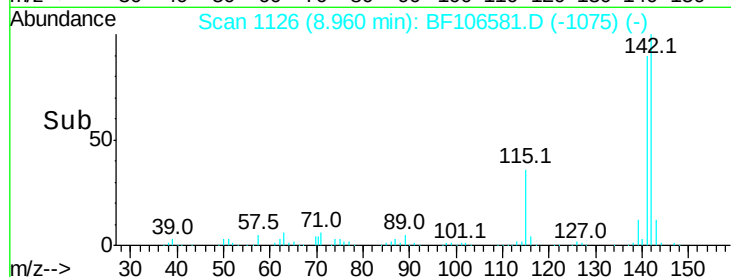
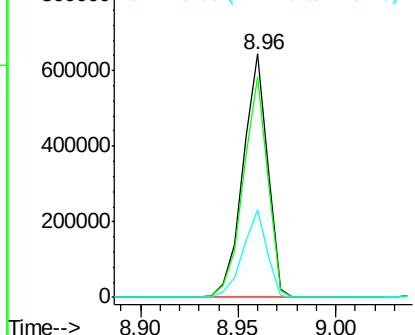
#37
 2-Methylnaphthalene
 Concen: 37.802 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	35.9	26.1	39.1

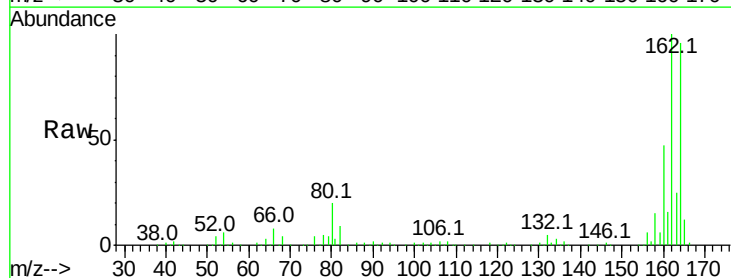


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

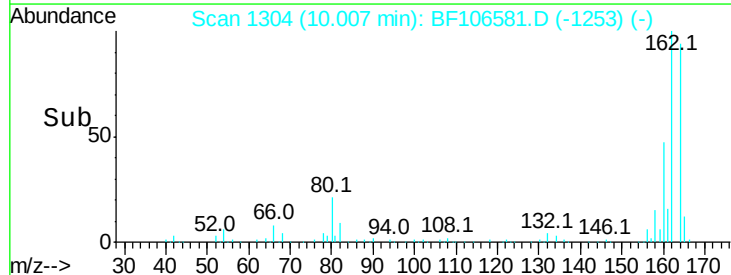
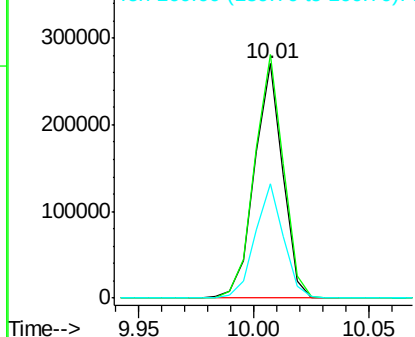


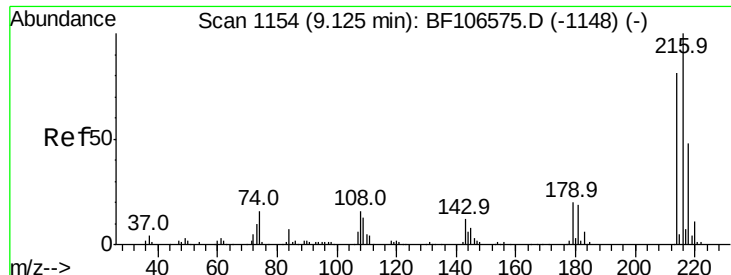
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	48.8	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

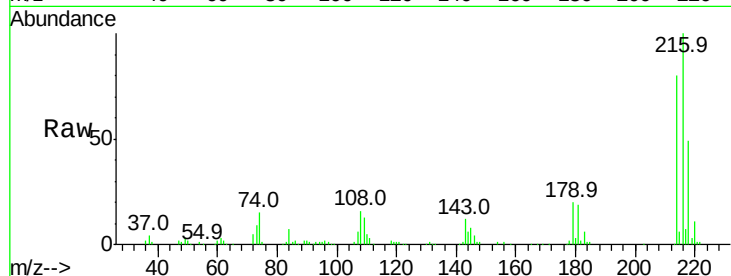




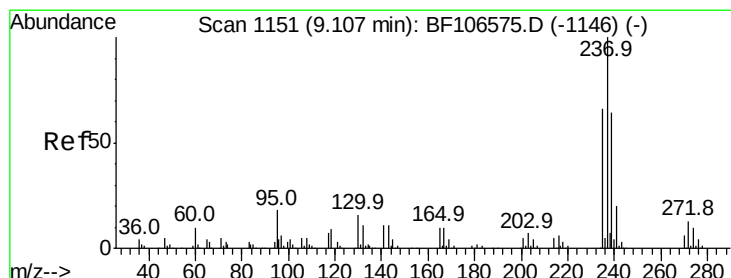
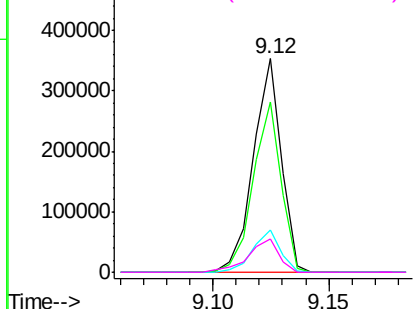
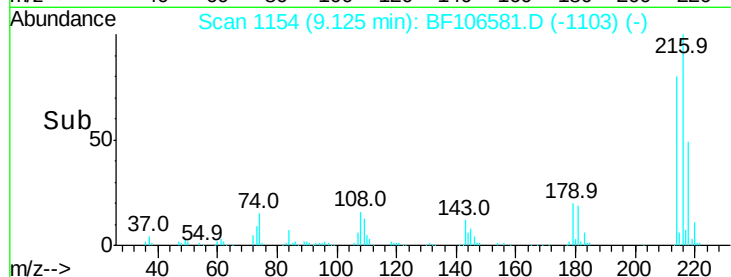
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.295 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	298296
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	19.8	18.1	27.1
108	17.4	17.2	25.8

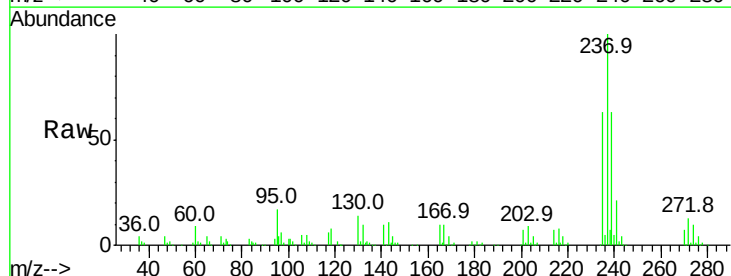


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

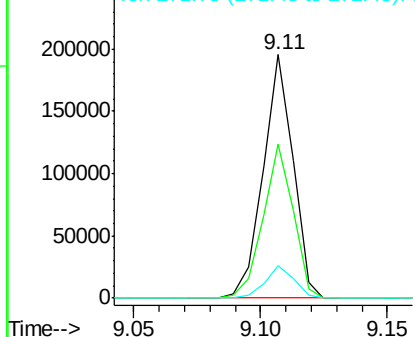
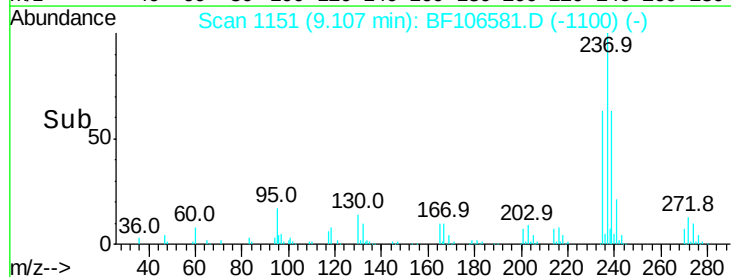


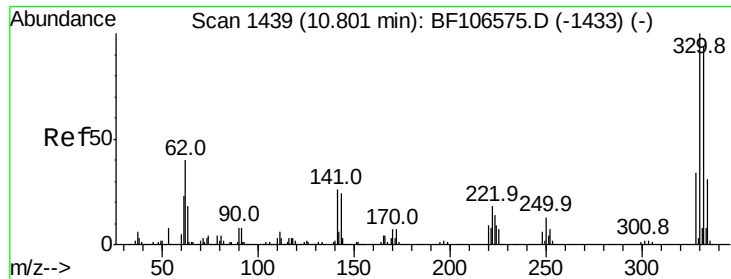
#40
 Hexachlorocyclopentadiene
 Concen: 39.886 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:	237	Resp:	159852
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.3	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

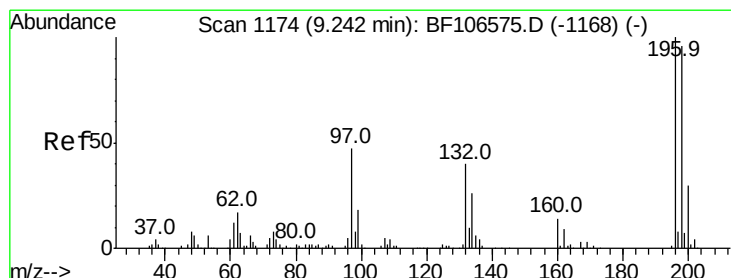
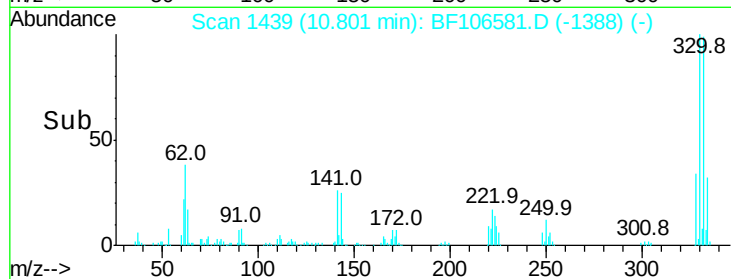
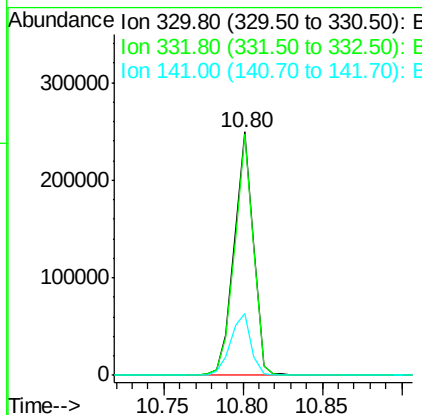
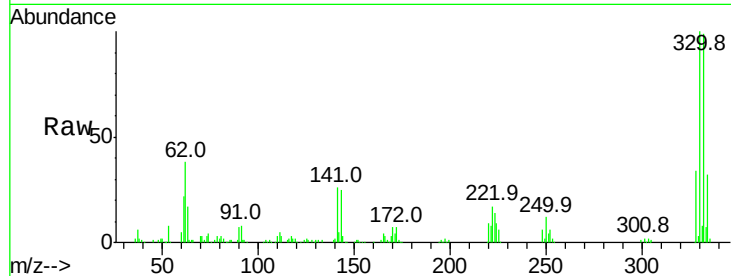




#41
 2,4,6-Tribromophenol
 Concen: 78.548 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

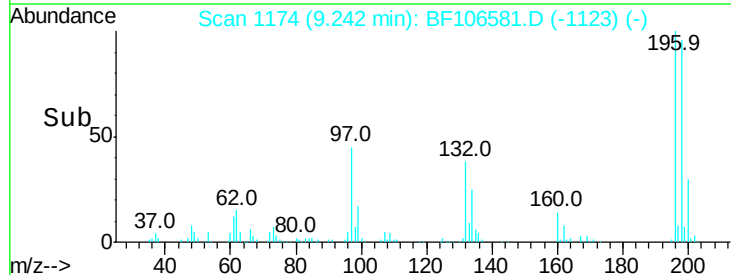
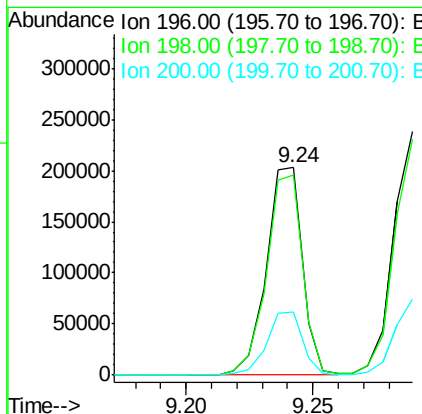
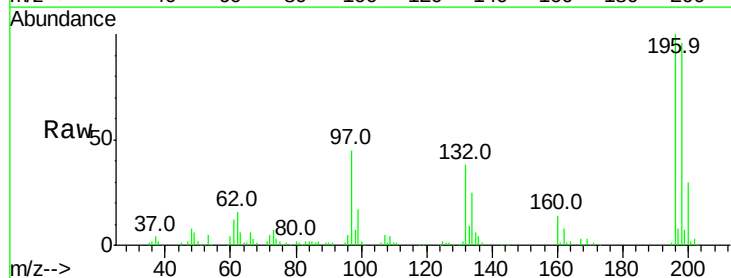
Instrument :
 BNA_F
 ClientSampleId :

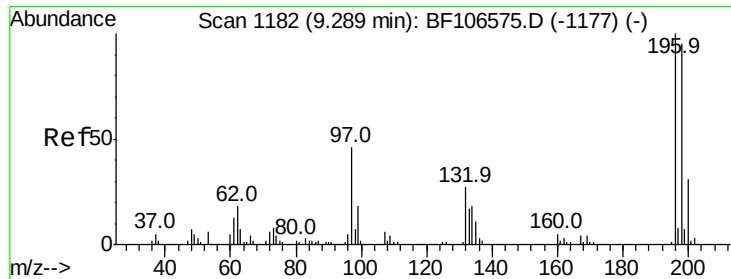
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	26.8	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 38.671 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	30.3	24.5	36.7

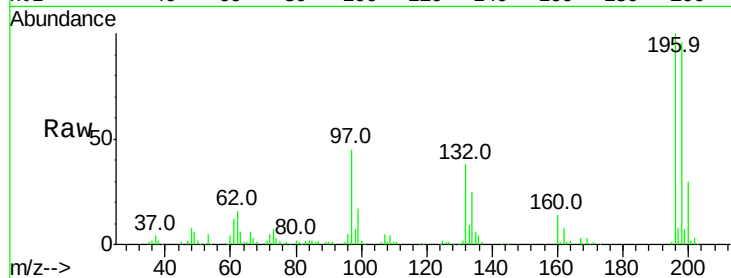




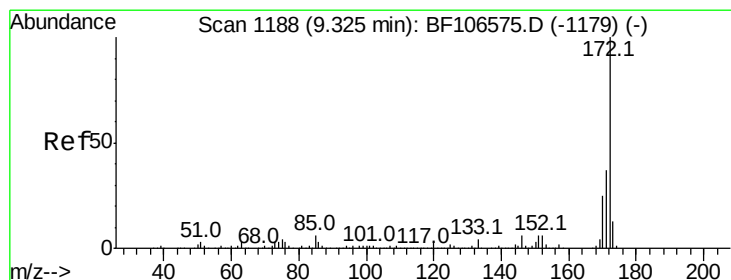
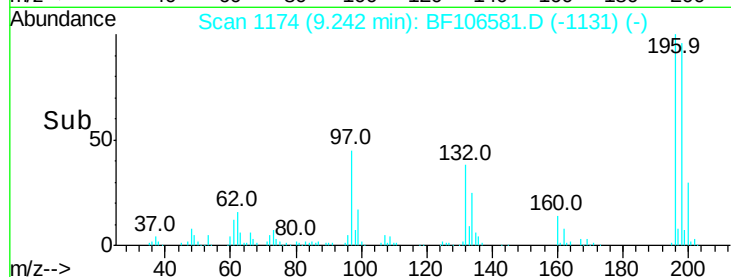
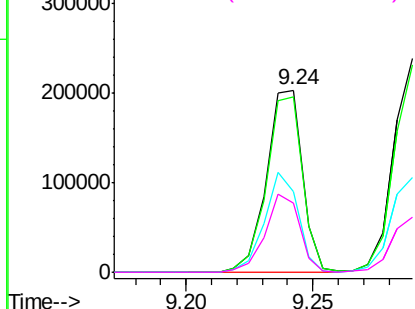
#43
 2,4,5-Trichlorophenol
 Concen: 37.060 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 200230
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.6 112.0
 97 44.5 42.9 64.3
 132 37.9 26.3 39.5

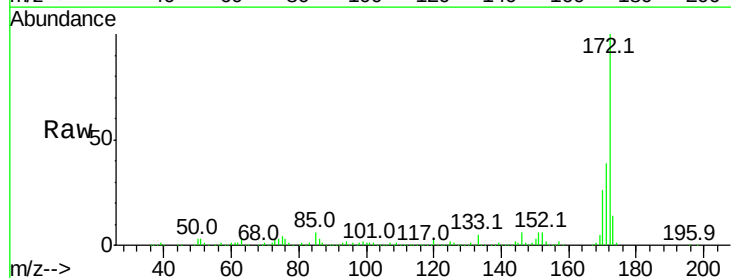


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

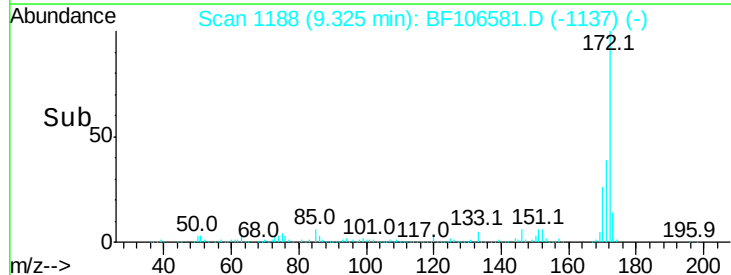
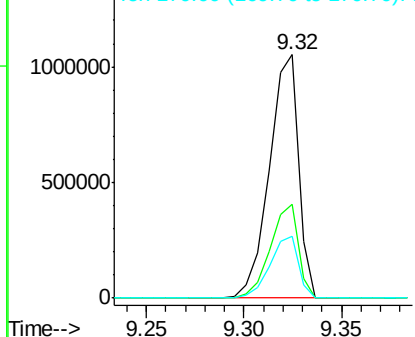


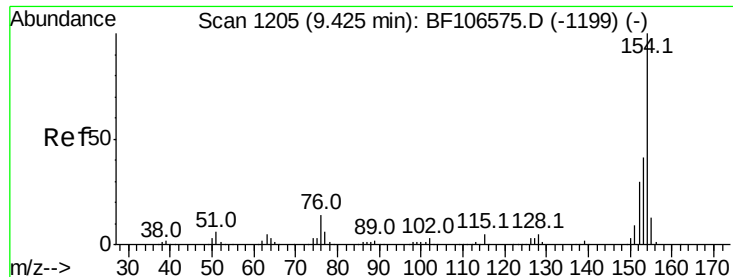
#44
 2-Fluorobiphenyl
 Concen: 78.701 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:172 Resp: 1090412
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.7 44.5
 170 25.6 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: 37.455 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

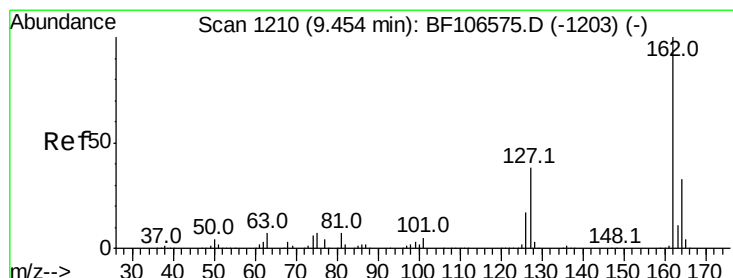
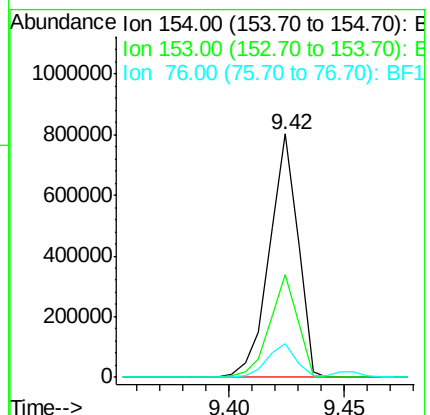
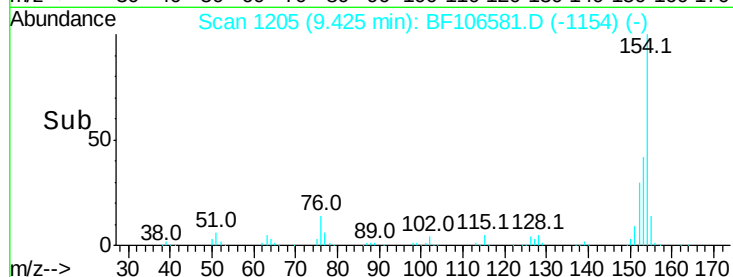
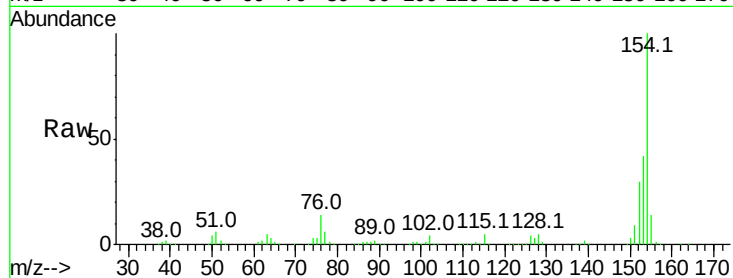
Tot Ion:154 Resp: 690439

Ion Ratio Lower Upper

154 100

153 42.4 21.3 61.3

76 13.8 0.0 34.0



#46

2-Chloronaphthalene

Concen: 37.668 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

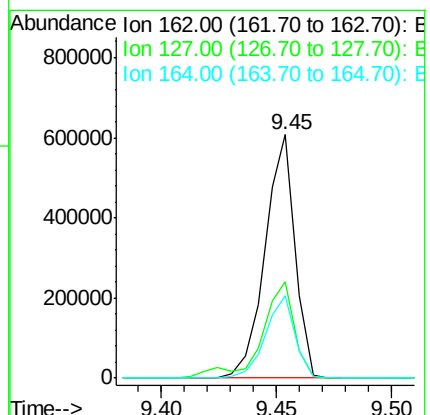
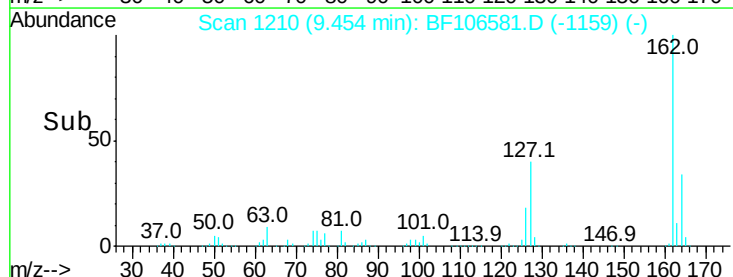
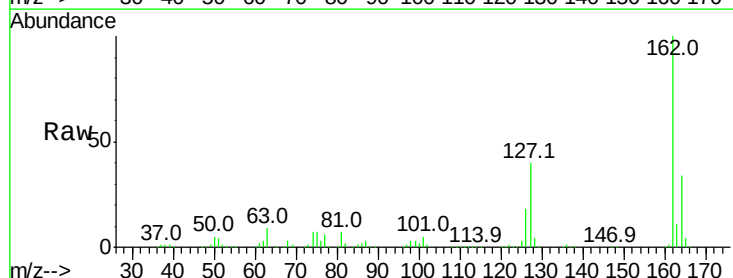
Tgt Ion:162 Resp: 546567

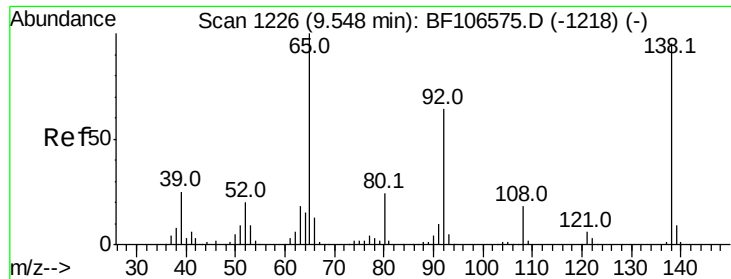
Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

164 33.8 26.5 39.7

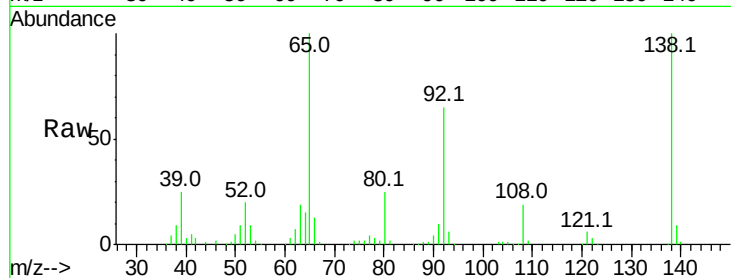




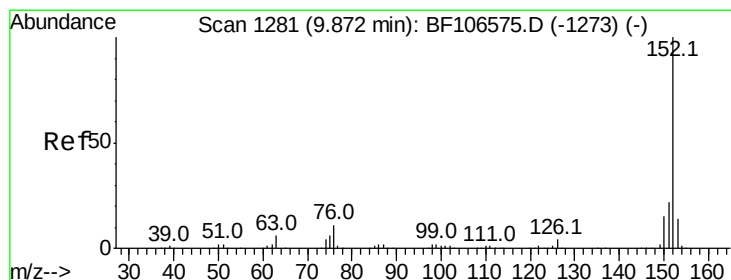
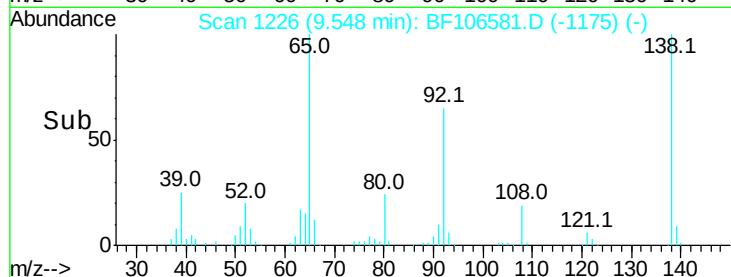
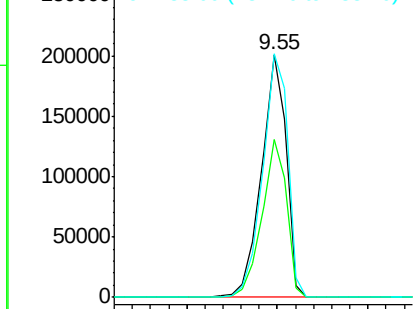
#47
2-Nitroaniline
Concen: 39.242 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 191473
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 100.3 91.2 136.8

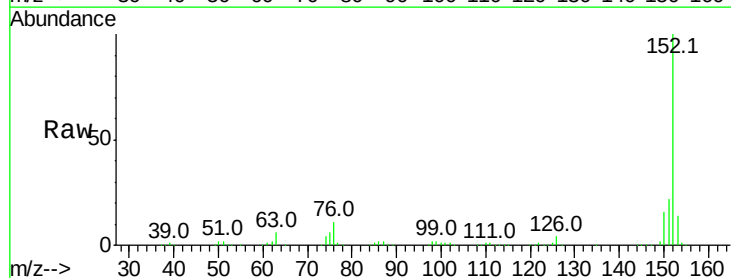


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

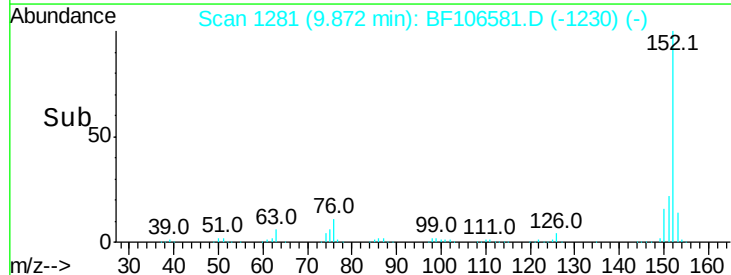
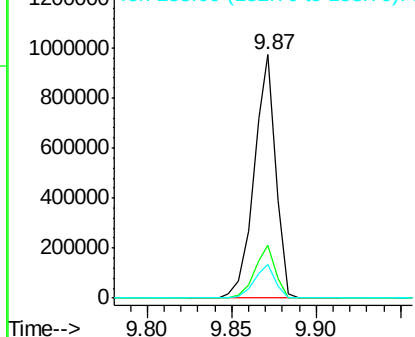


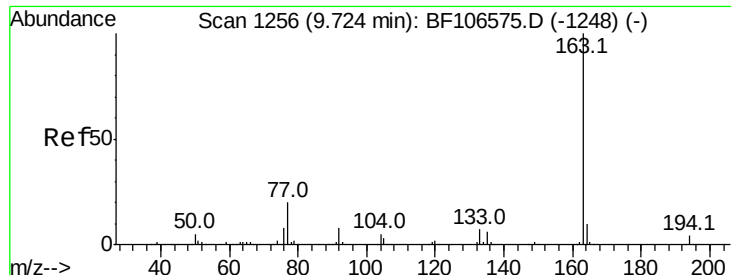
#48
Acenaphthylene
Concen: 37.868 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion: 152 Resp: 867494
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 13.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 37.547 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

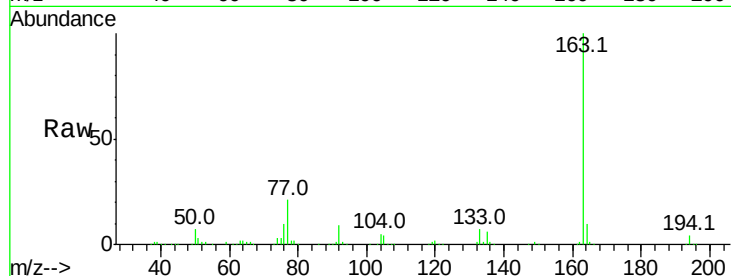
Tot Ion:163 Resp: 651368

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

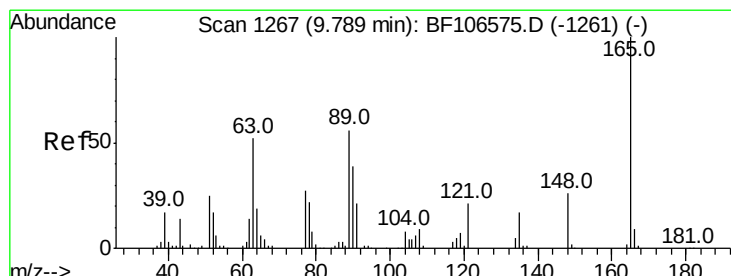
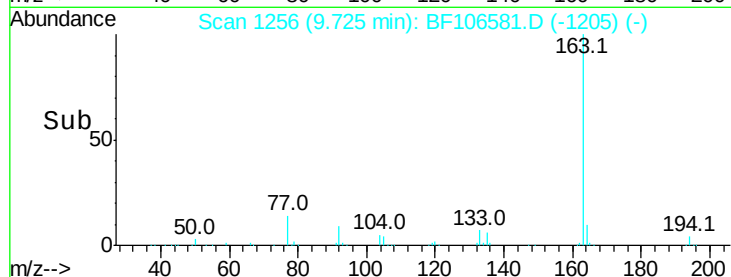
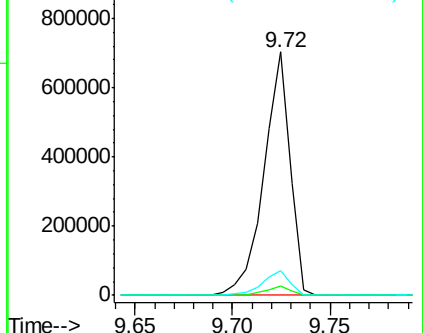
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.407 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

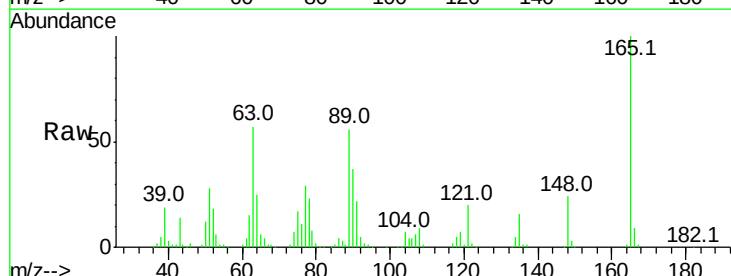
Tgt Ion:165 Resp: 141088

Ion Ratio Lower Upper

165 100

63 56.7 44.7 67.1

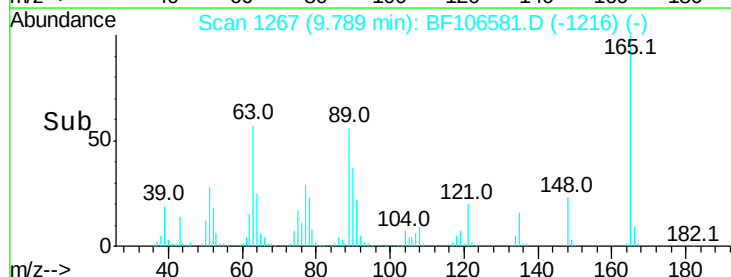
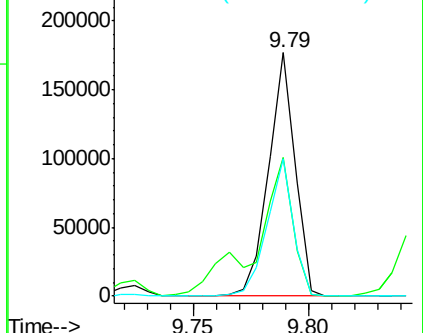
89 56.4 44.0 66.0

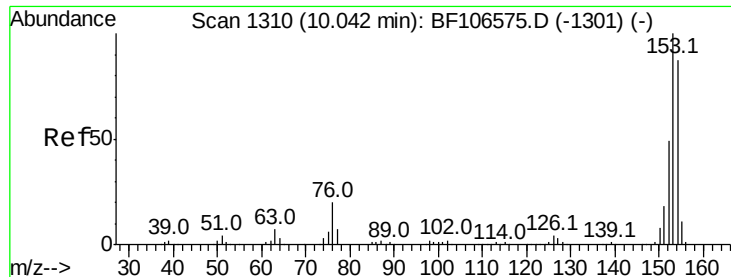


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

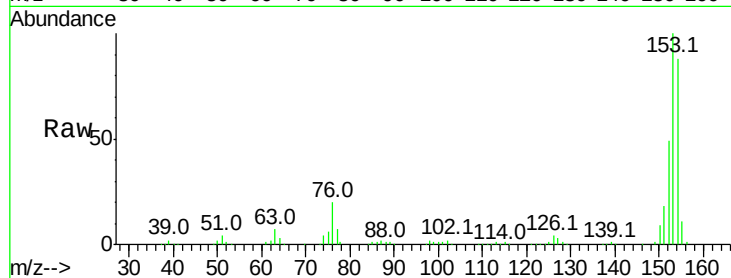




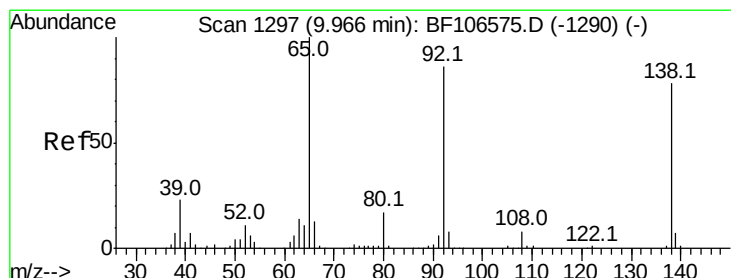
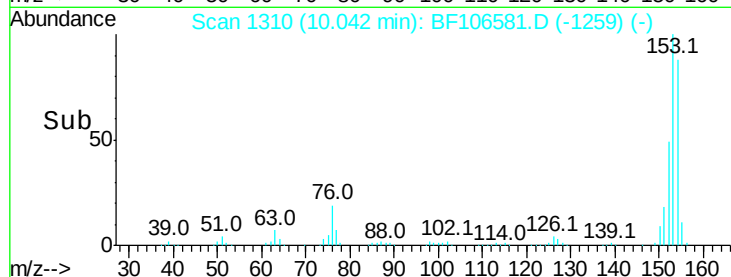
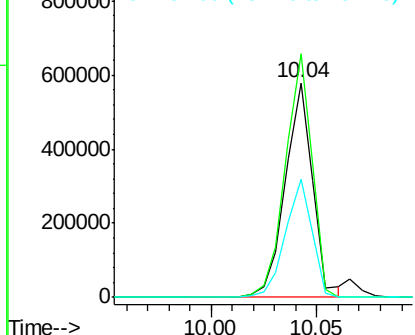
#51
Acenaphthene
Concen: 36.213 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 522397
Ion Ratio Lower Upper
154 100
153 113.4 91.2 136.8
152 55.3 43.8 65.8

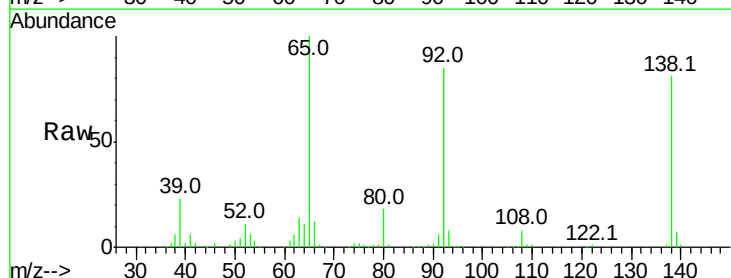


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

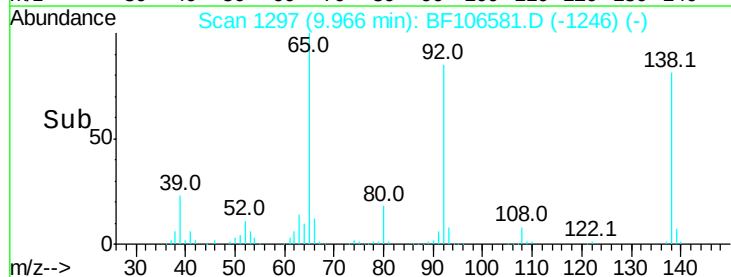
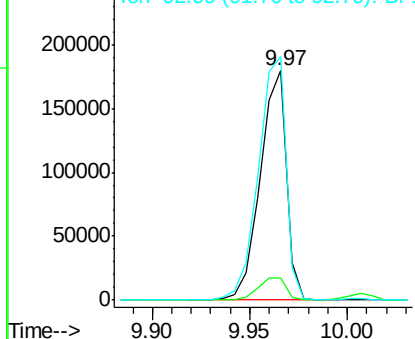


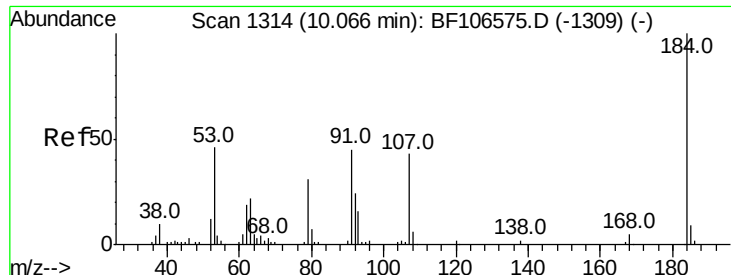
#52
3-Nitroaniline
Concen: 39.681 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion:138 Resp: 167739
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 106.1 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

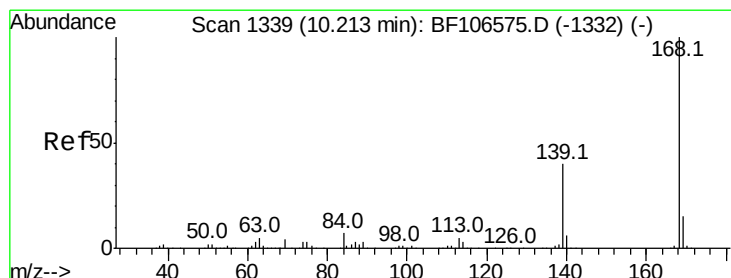
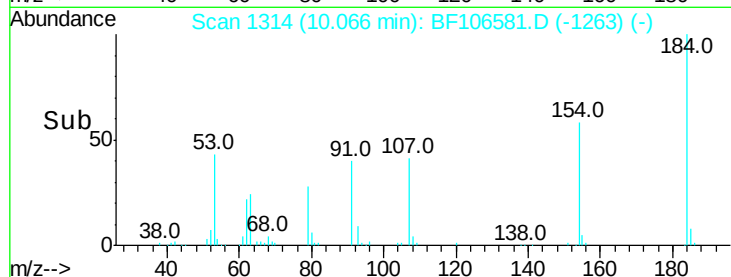
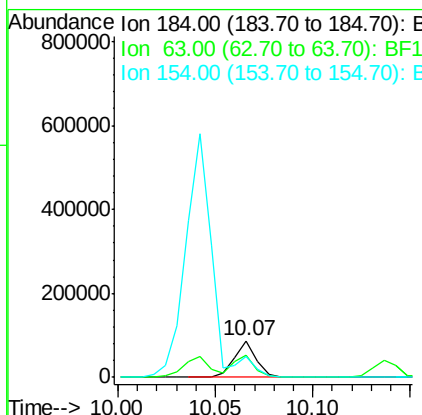
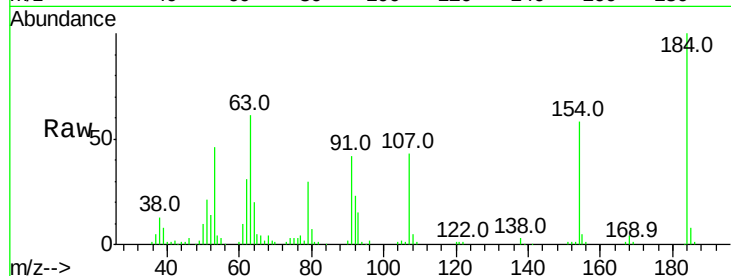




#53
 2,4-Dinitrophenol
 Concen: 38.990 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

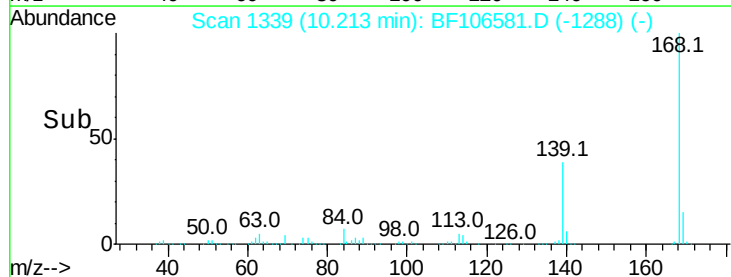
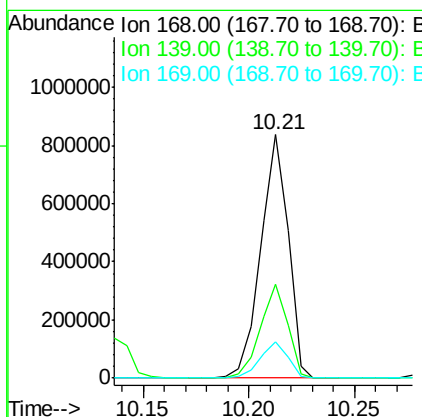
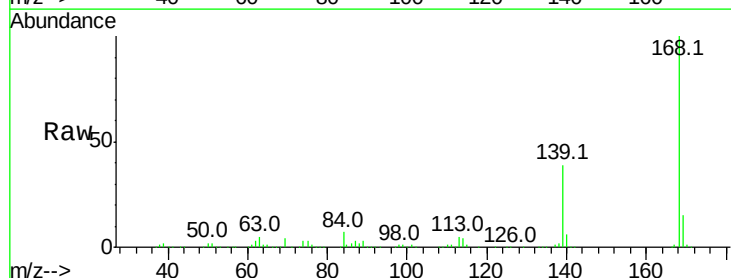
Instrument :
 BNA_F
 ClientSampleId :

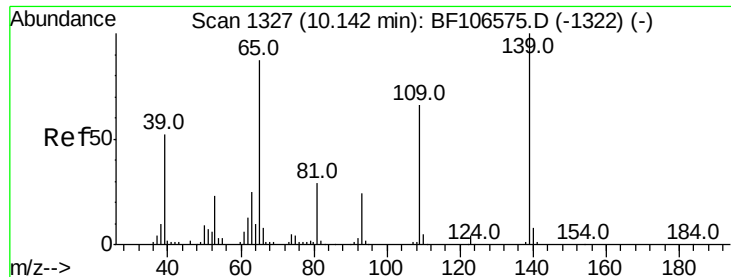
Tot Ion:184 Resp: 68851
 Ion Ratio Lower Upper
 184 100
 63 61.4 54.2 81.2
 154 58.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.319 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:168 Resp: 756910
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 14.9 10.9 16.3

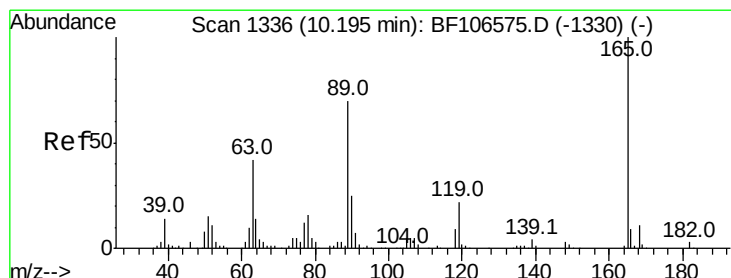
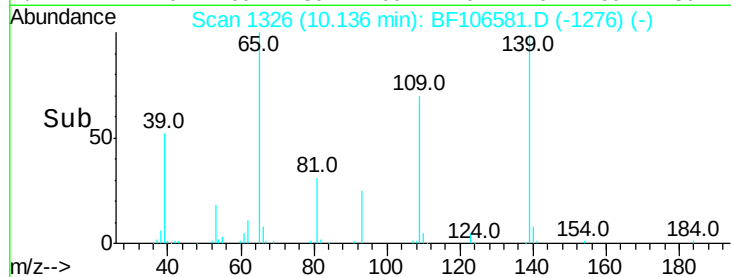
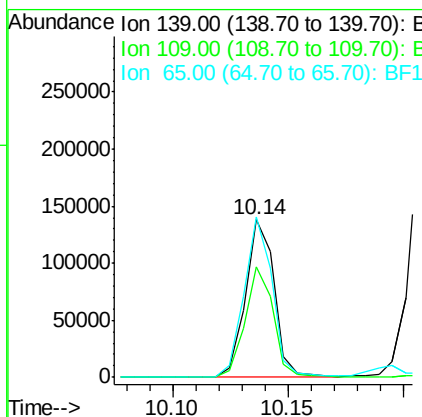
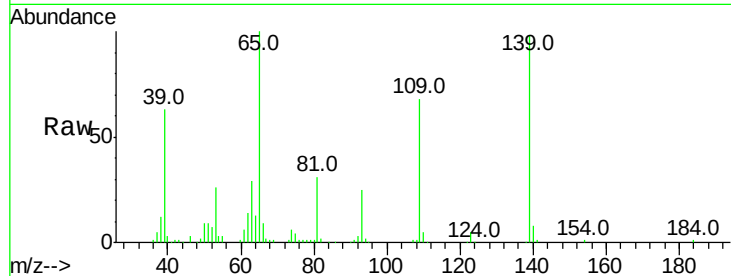




#55
4-Nitrophenol
Concen: 40.919 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

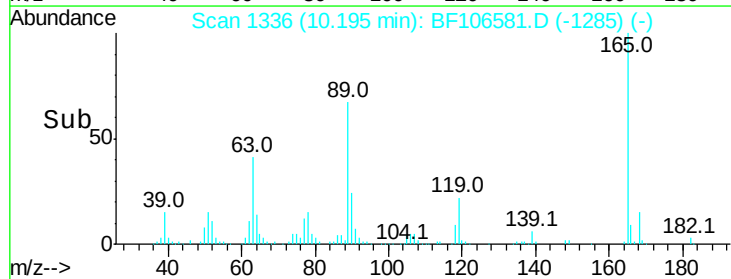
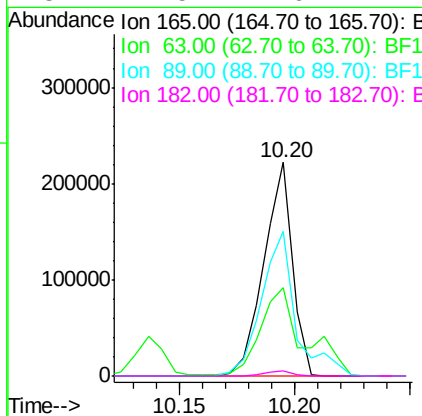
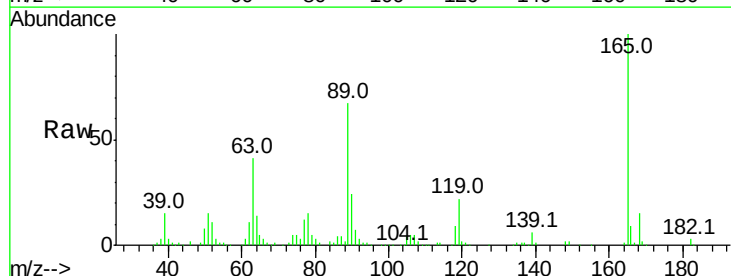
Instrument :
BNA_F
ClientSampleId :

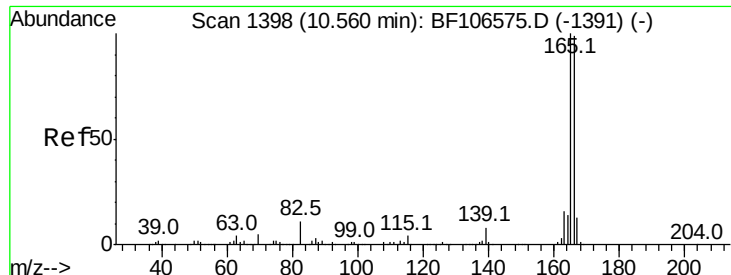
Tot Ion:139 Resp: 120738
Ion Ratio Lower Upper
139 100
109 70.1 48.4 88.4
65 102.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.981 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion:165 Resp: 191708
Ion Ratio Lower Upper
165 100
63 41.3 36.4 54.6
89 67.5 57.8 86.6
182 2.5 1.6 2.4#

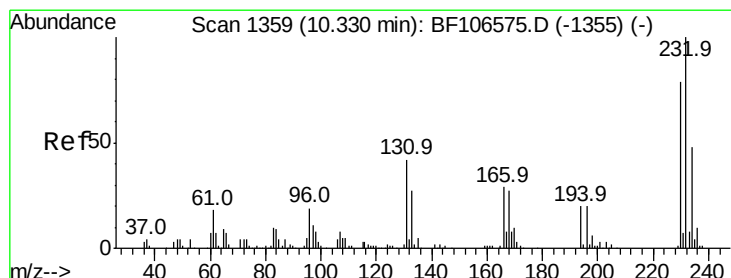
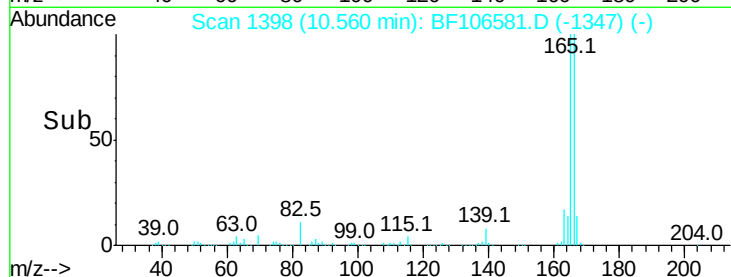
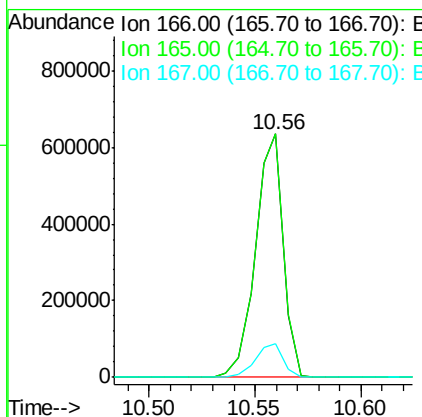
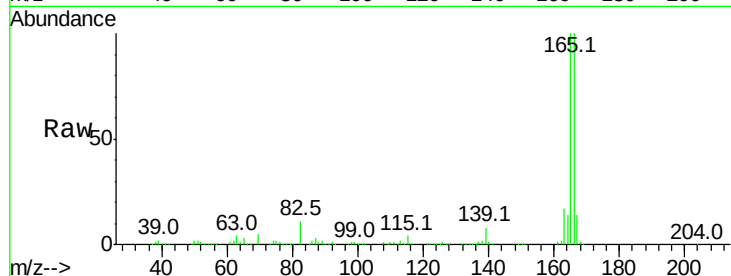




#57
 Fluorene
 Concen: 37.062 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

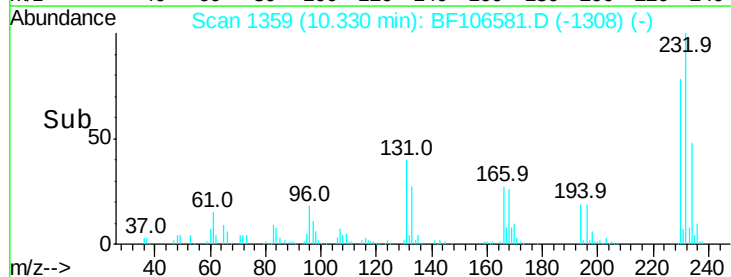
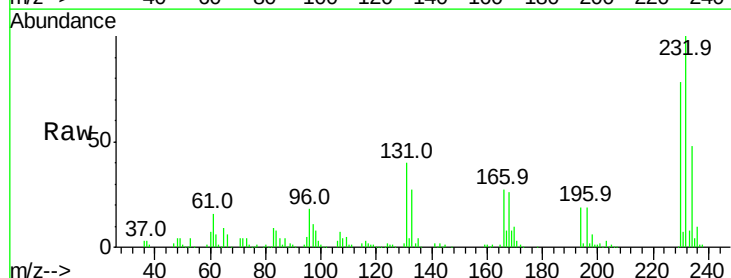
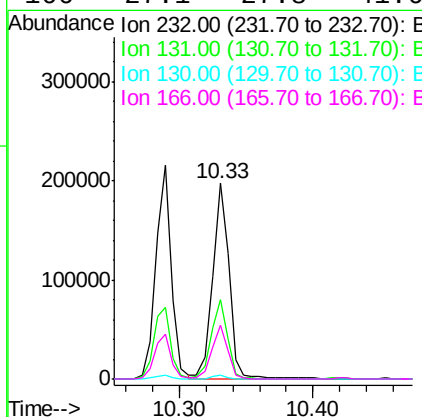
Instrument :
 BNA_F
 ClientSampleId :

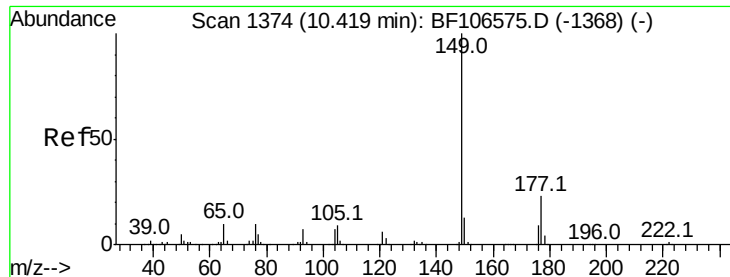
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.779 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.7	43.8	65.8#
130	1.8	2.1	3.1#
166	27.1	27.8	41.6#

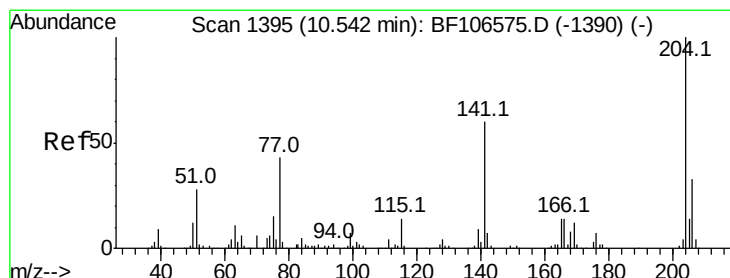
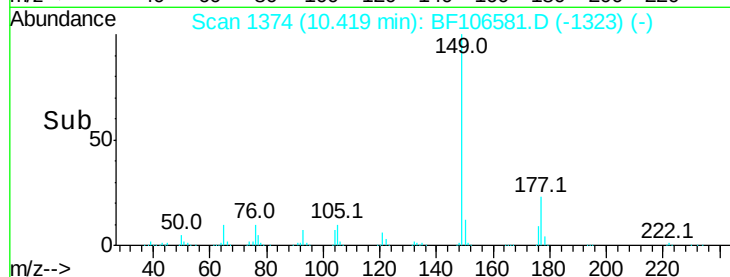
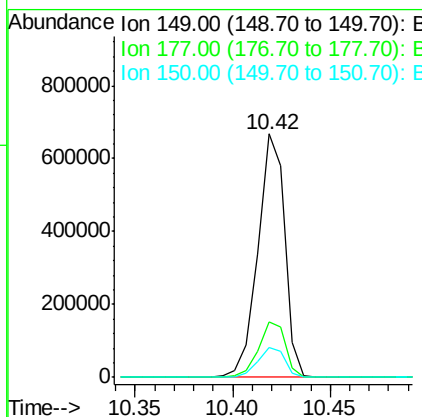
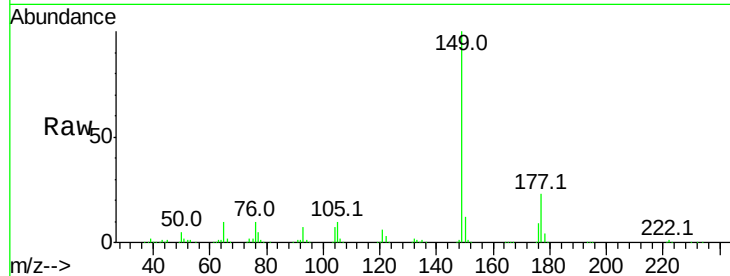




#59
Diethylphthalate
Concen: 37.970 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

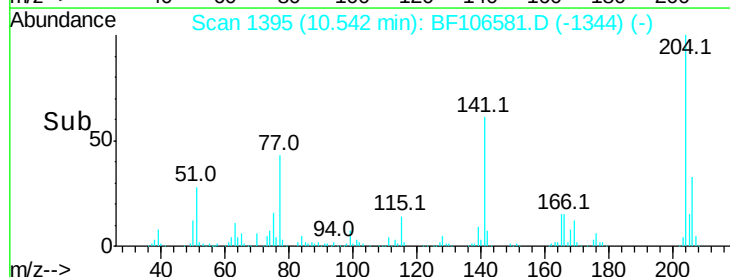
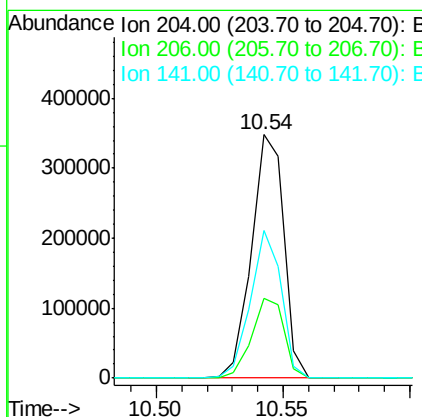
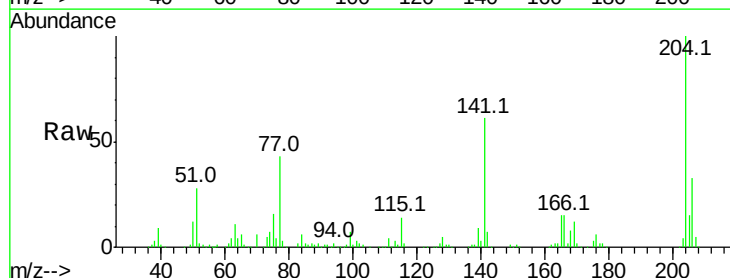
Instrument :
BNA_F
ClientSampled :

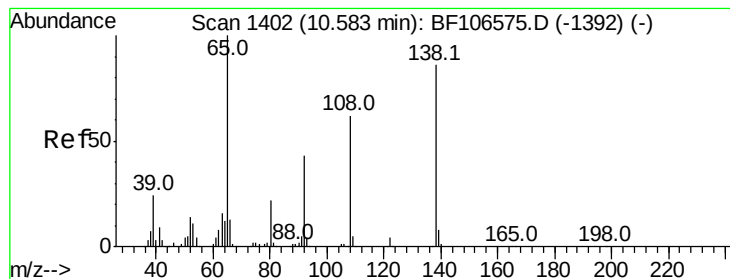
Tot Ion:149 Resp: 635766
Ion Ratio Lower Upper
149 100
177 23.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.645 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion:204 Resp: 308744
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.8 54.6 81.8





#61

4-Nitroaniline

Concen: 39.143 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampled :

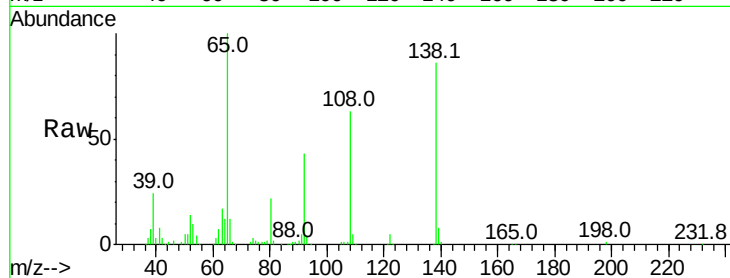
Tot Ion:138 Resp: 164214

Ion Ratio Lower Upper

138 100

92 49.9 30.2 70.2

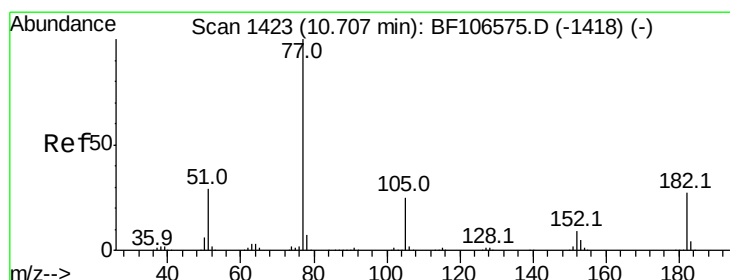
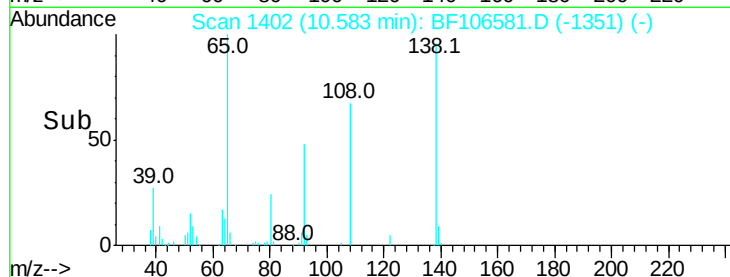
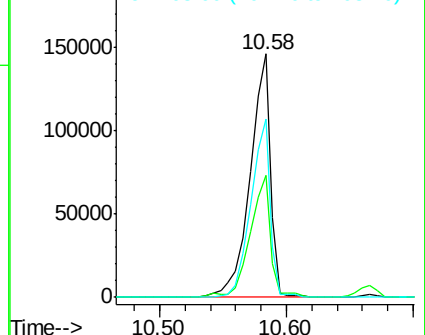
108 73.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.760 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Tgt Ion: 77 Resp: 622608

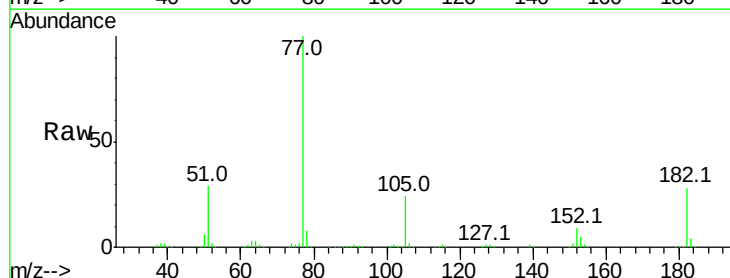
Ion Ratio Lower Upper

77 100

182 27.9 1.7 41.7

105 24.4 3.0 43.0

51 28.9 9.9 49.9

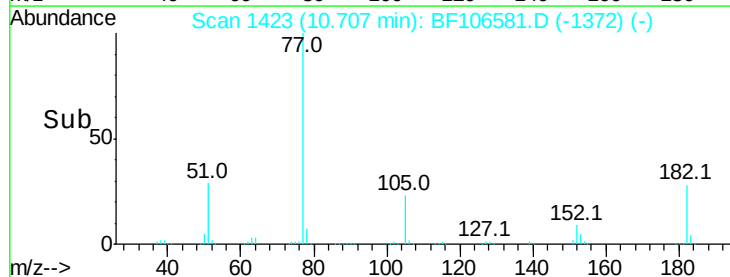
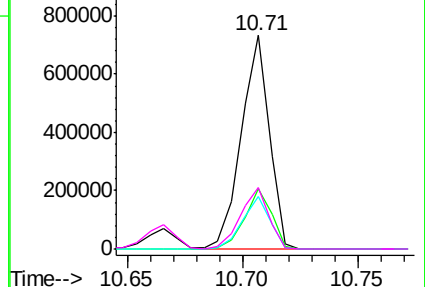


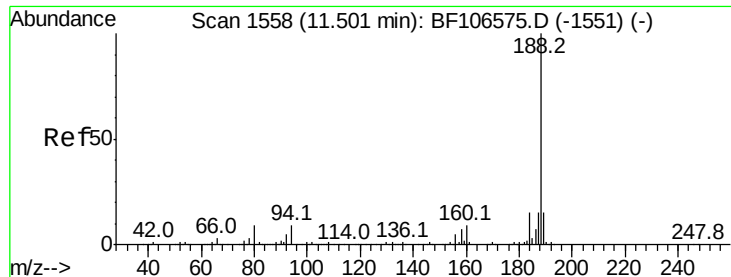
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

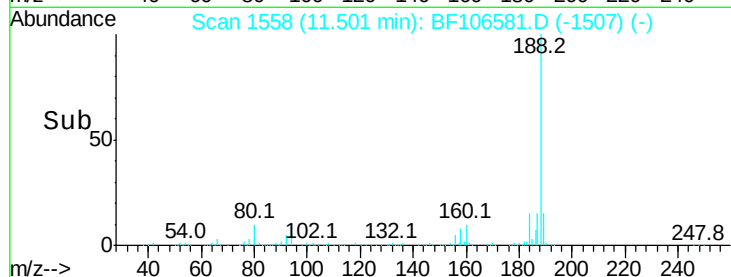
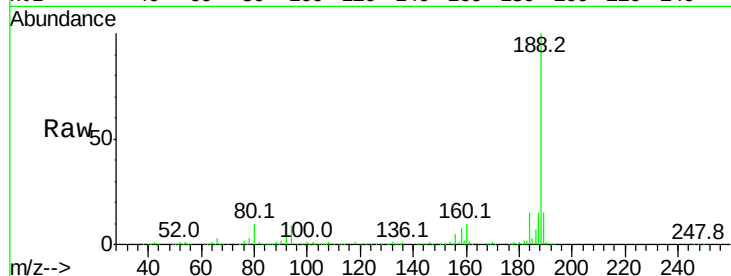
Tot Ion:188 Resp: 452489

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

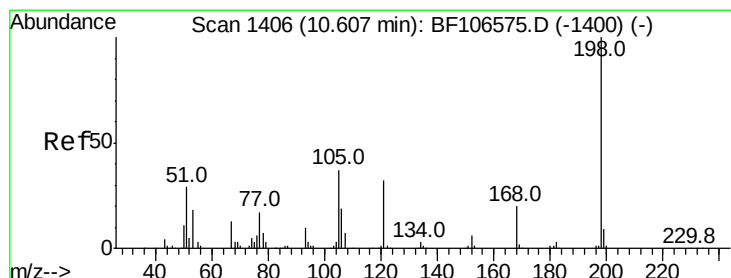
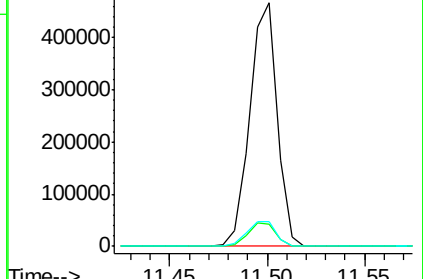
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 40.405 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

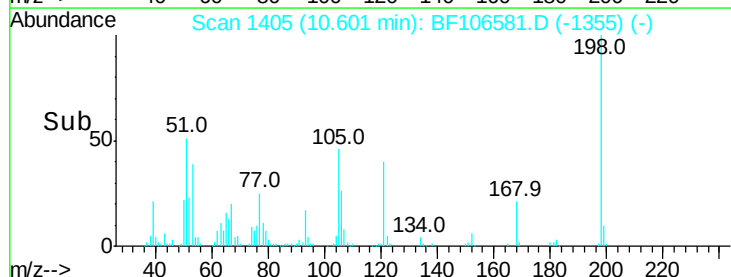
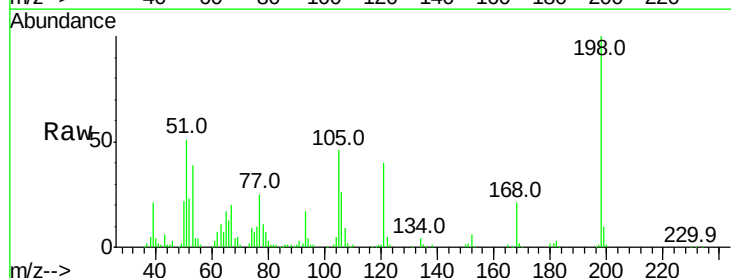
Tgt Ion:198 Resp: 113013

Ion Ratio Lower Upper

198 100

51 51.3 37.7 77.7

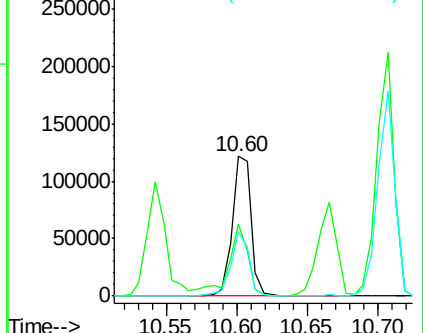
105 46.2 36.3 76.3

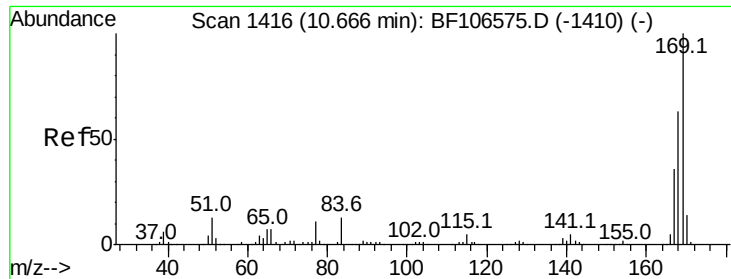


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

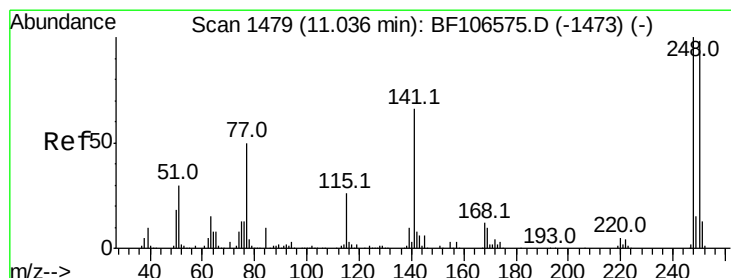
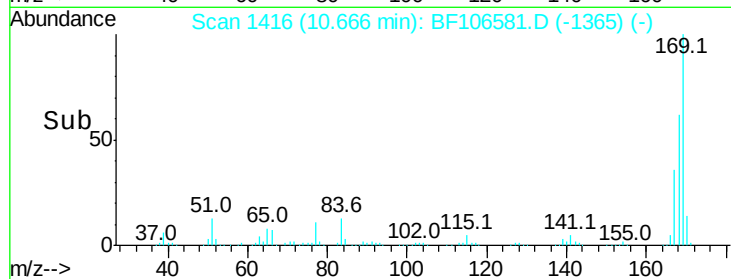
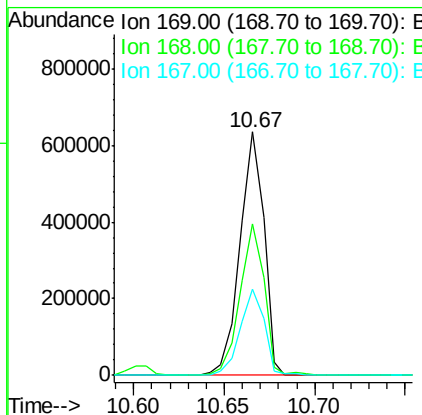
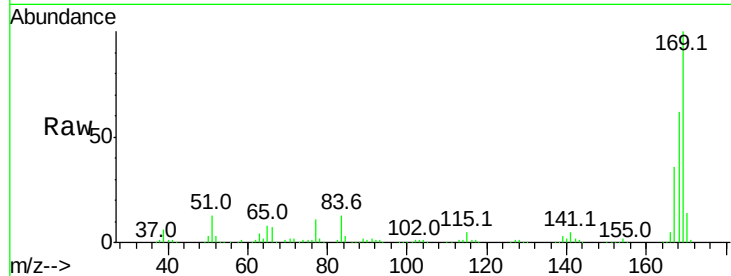




#65
 n-Nitrosodiphenylamine
 Concen: 38.570 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

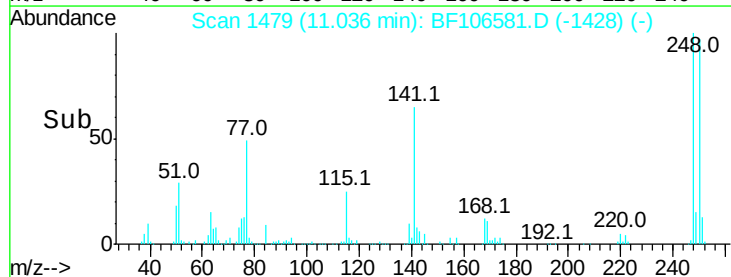
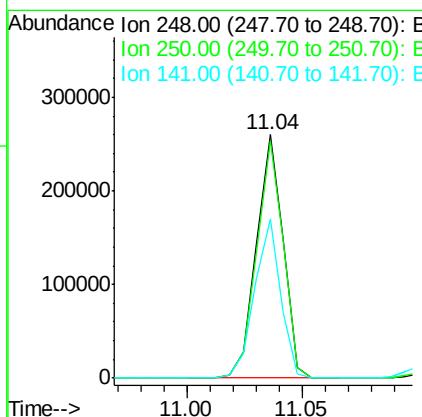
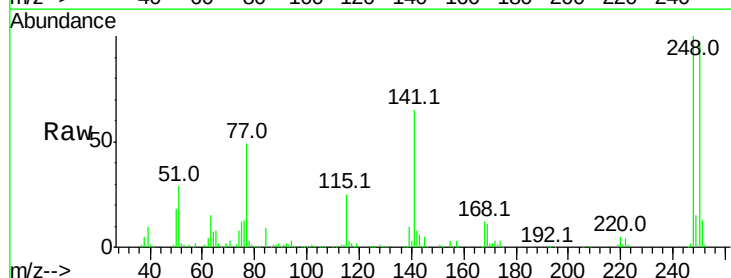
Instrument :
 BNA_F
 ClientSampleId :

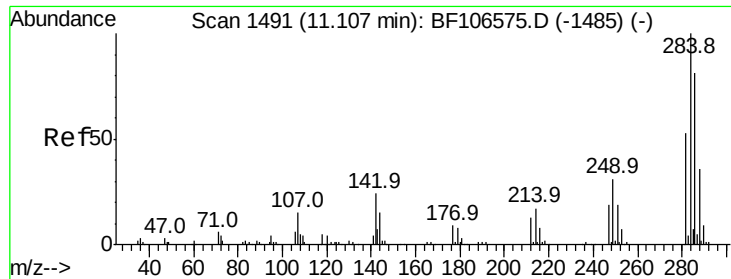
Tot Ion:169 Resp: 587018
 Ion Ratio Lower Upper
 169 100
 168 62.2 54.4 81.6
 167 35.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.825 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:248 Resp: 209662
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 65.4 74.4 111.6#





#67

Hexachlorobenzene

Concen: 39.209 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

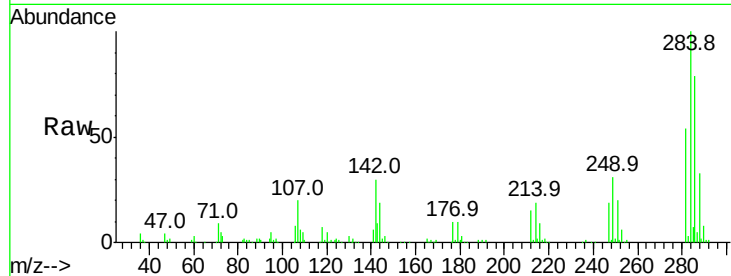
Tot Ion:284 Resp: 221609

Ion Ratio Lower Upper

284 100

142 30.1 34.6 52.0#

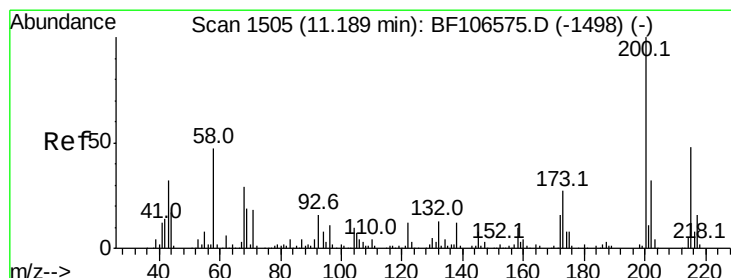
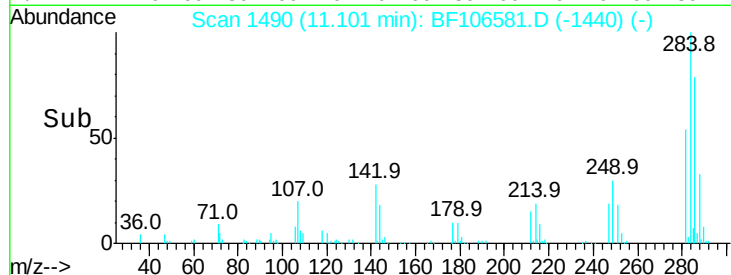
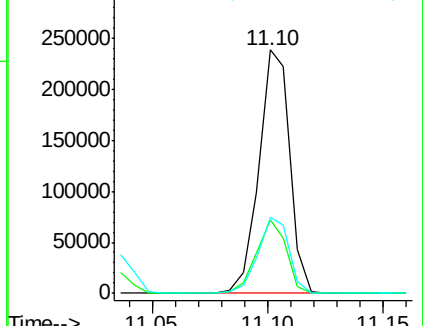
249 31.2 24.8 37.2



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: 39.432 ng

RT: 11.19 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

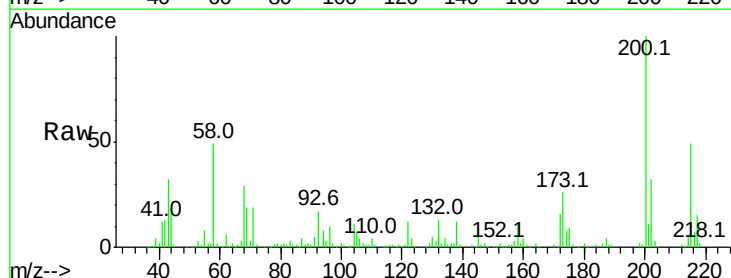
Tgt Ion:200 Resp: 190785

Ion Ratio Lower Upper

200 100

173 26.2 8.6 48.6

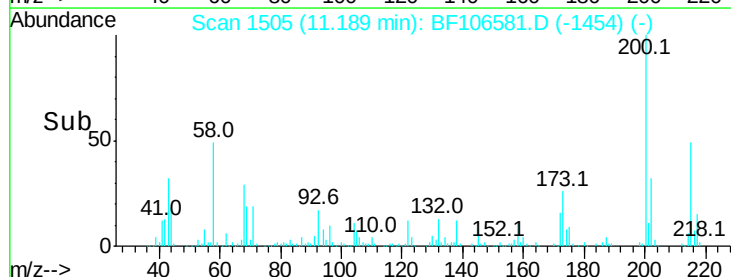
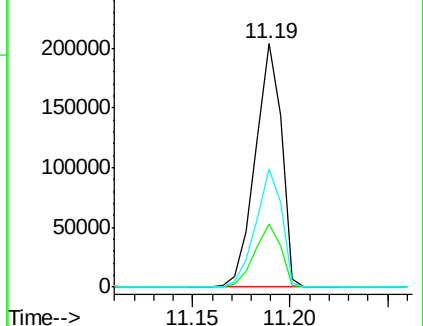
215 48.7 25.1 65.1

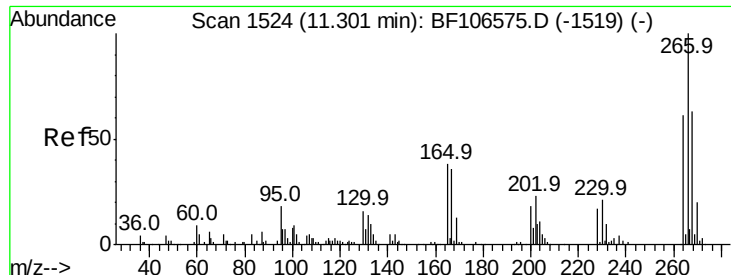


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

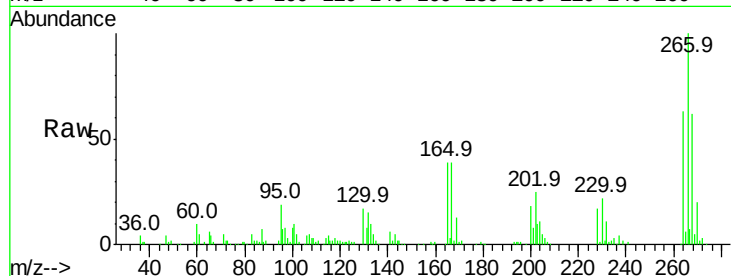




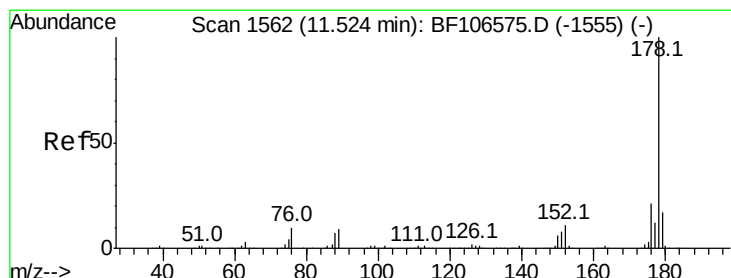
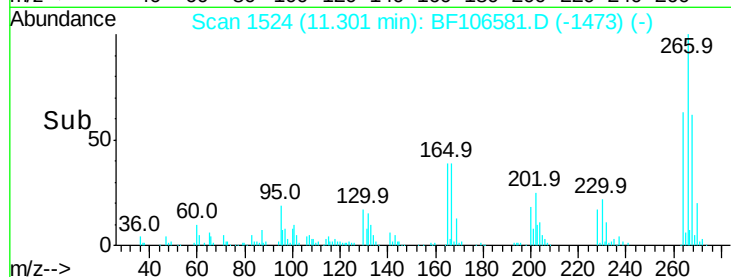
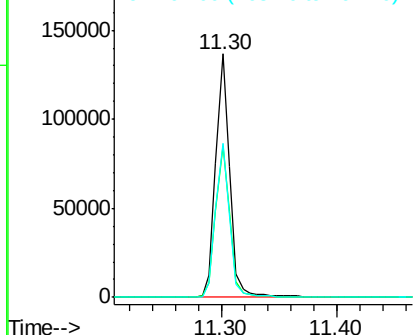
#69
 Pentachlorophenol
 Concen: 41.129 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 115990
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.1 49.5 74.3

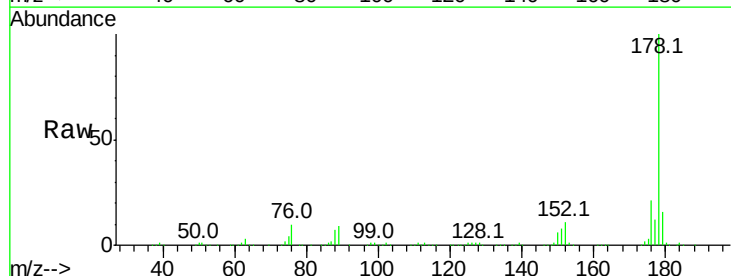


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

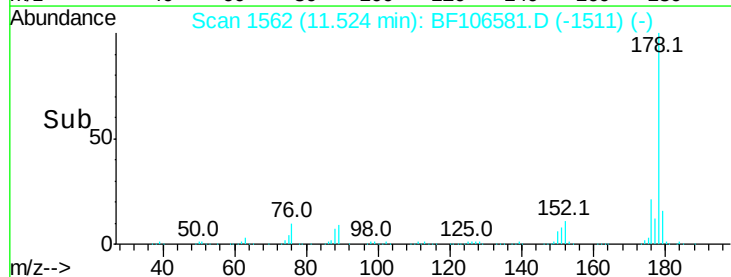
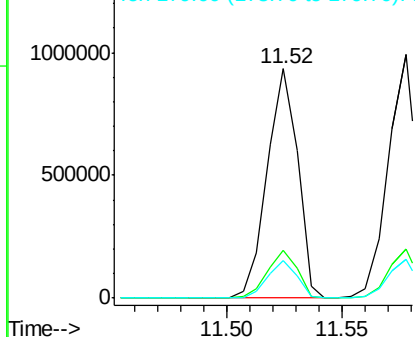


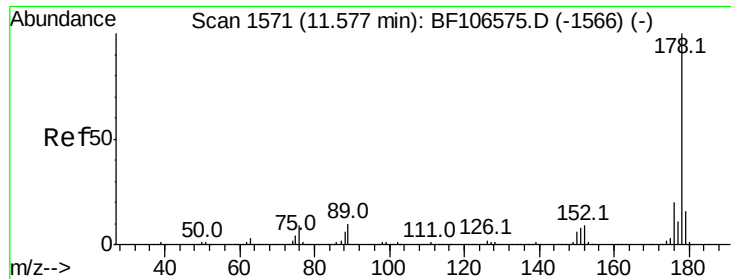
#70
 Phenanthrene
 Concen: 39.347 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:178 Resp: 858727
 Ion Ratio Lower Upper
 178 100
 176 20.6 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

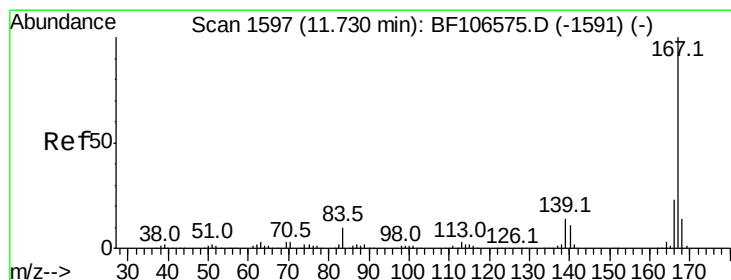
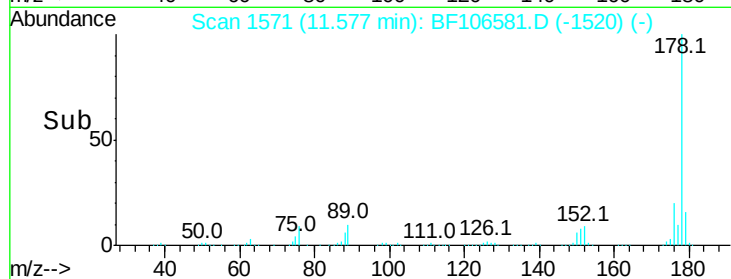
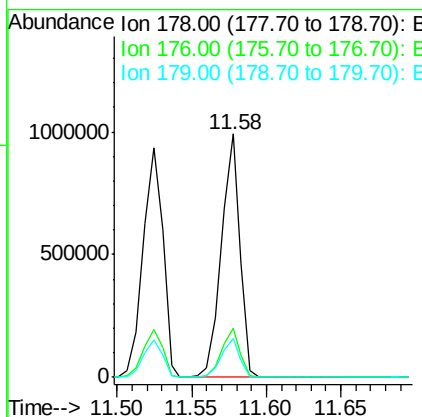
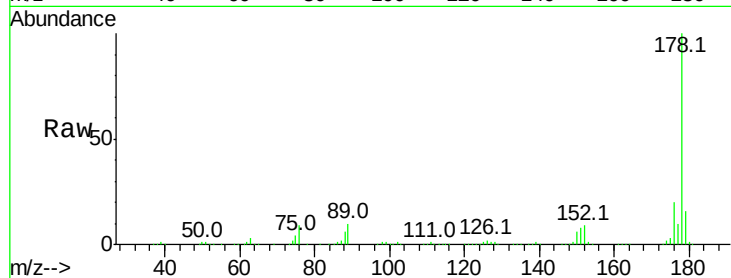




#71
 Anthracene
 Concen: 39.111 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

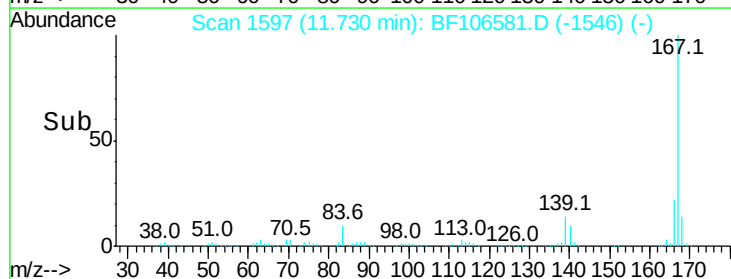
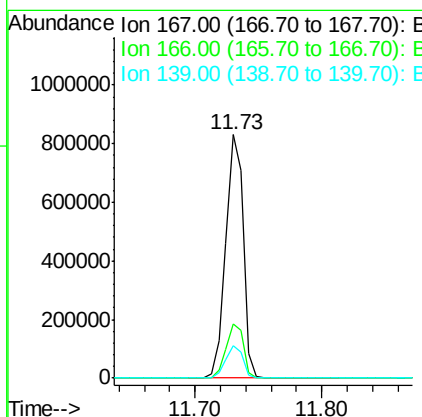
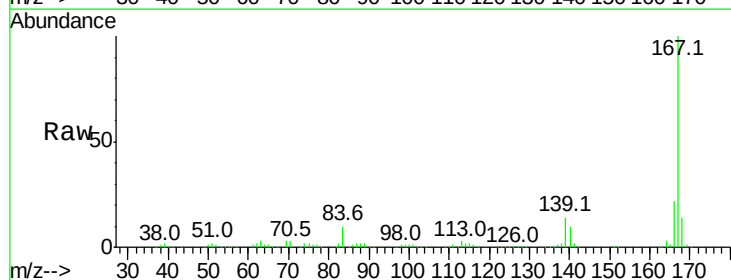
Instrument :
 BNA_F
 ClientSampleId :

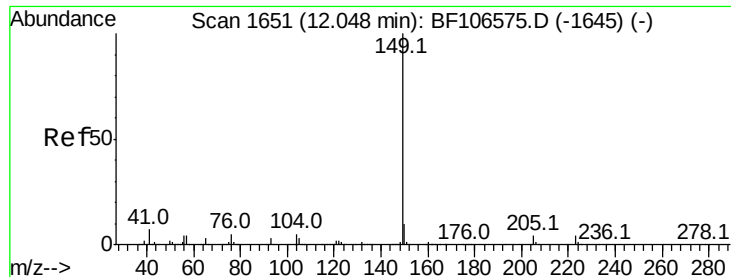
Tot Ion:178 Resp: 871247
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 38.019 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:167 Resp: 792929
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.137 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampled :

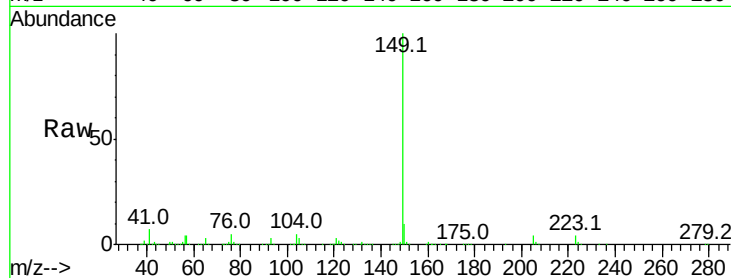
Tot Ion:149 Resp: 937034

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

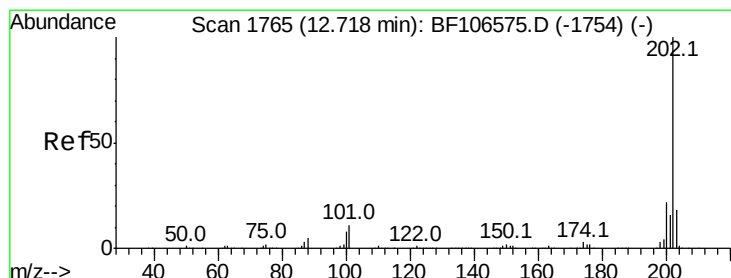
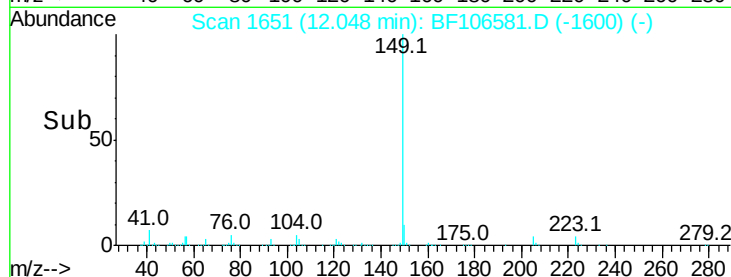
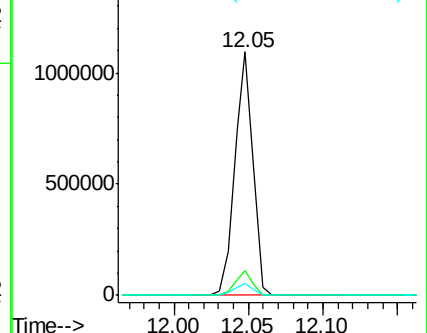
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.081 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

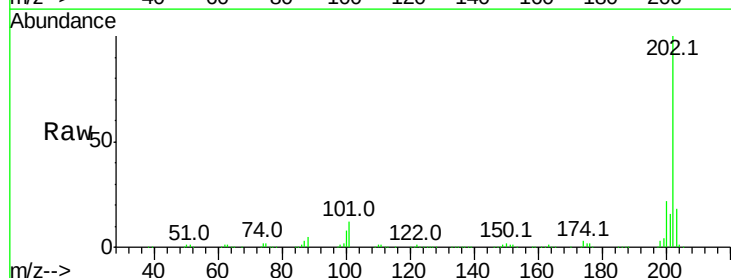
Tgt Ion:202 Resp: 940085

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

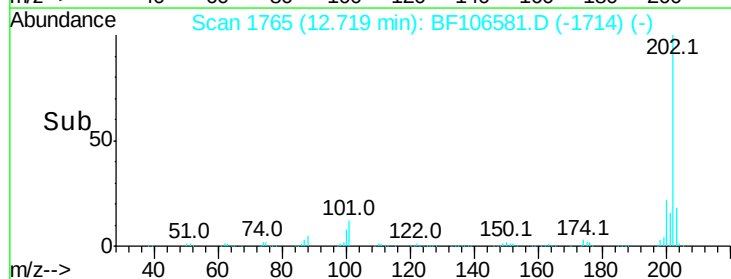
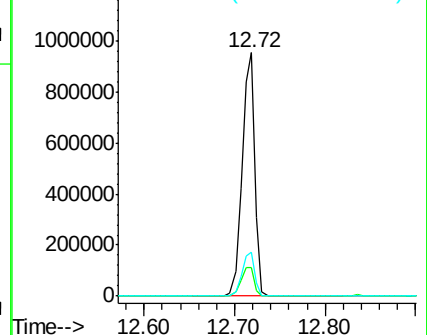
203 18.3 0.0 38.1

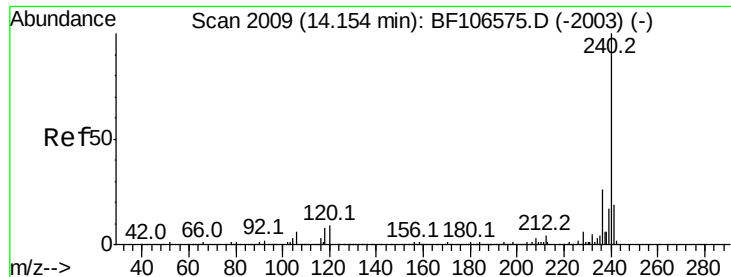


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

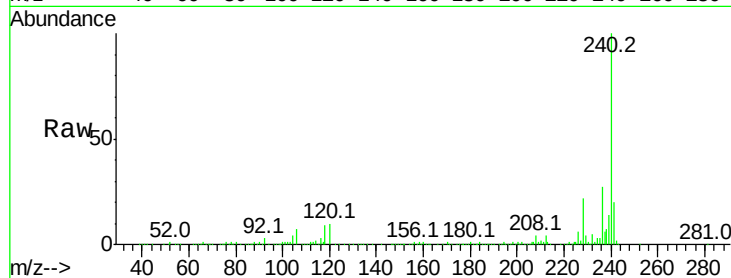
Tot Ion:240 Resp: 384969

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.5	20.7	31.1

240 100

120 10.5 9.5 14.3

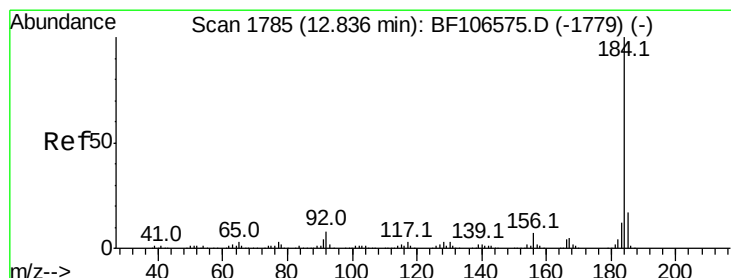
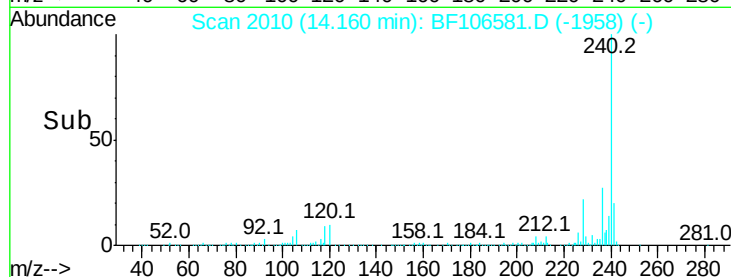
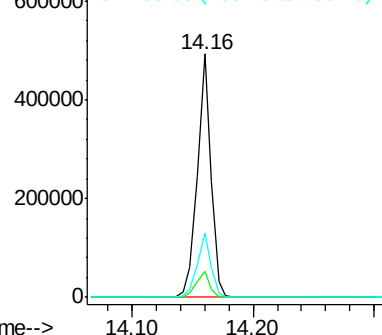
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.741 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

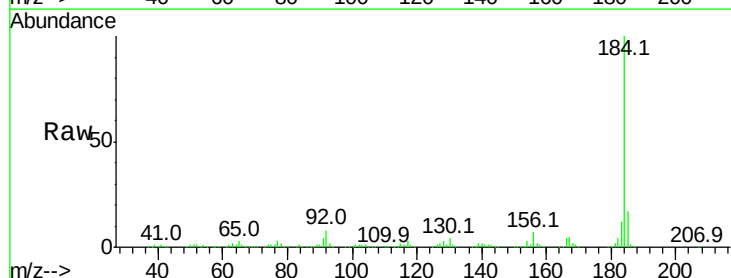
Tgt Ion:184 Resp: 457637

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.6	18.8
183	11.6	9.3	13.9

184 100

185 16.7 12.6 18.8

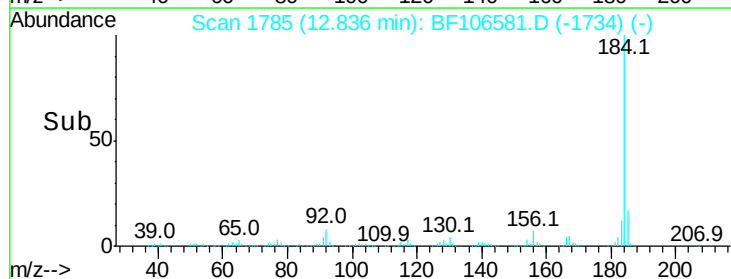
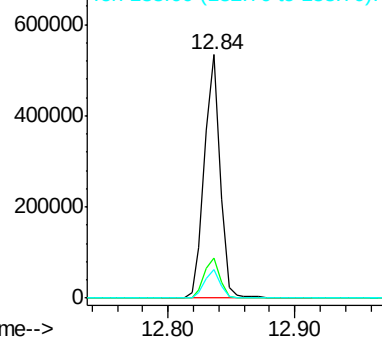
183 11.6 9.3 13.9

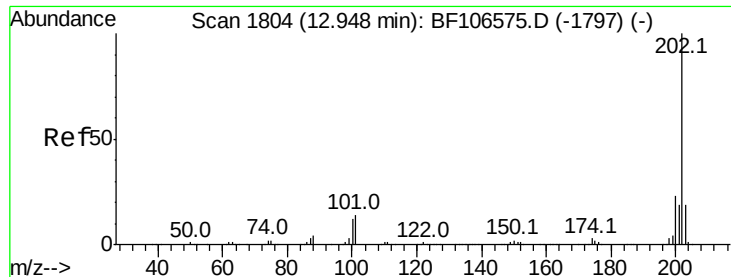


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

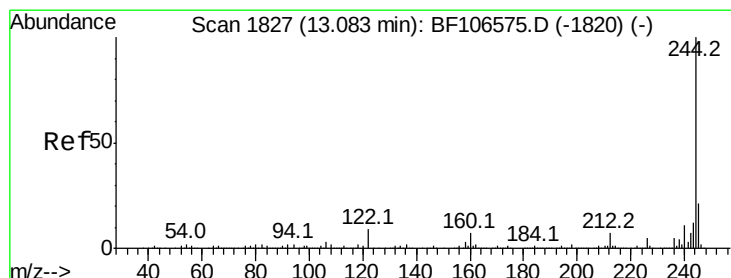
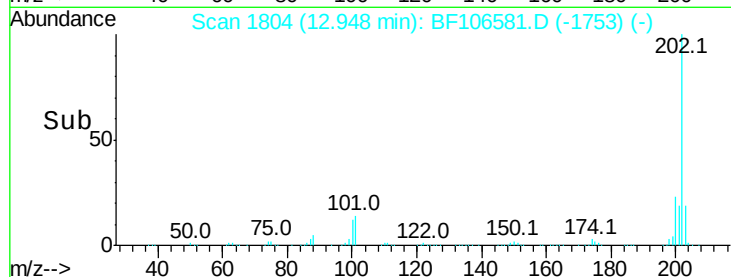
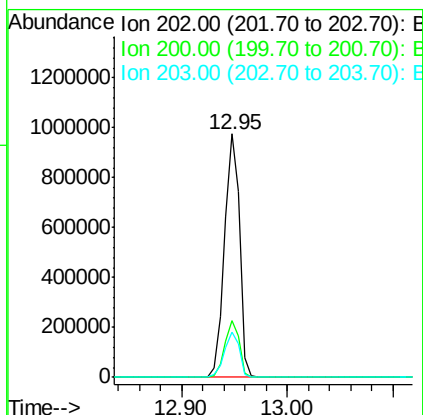
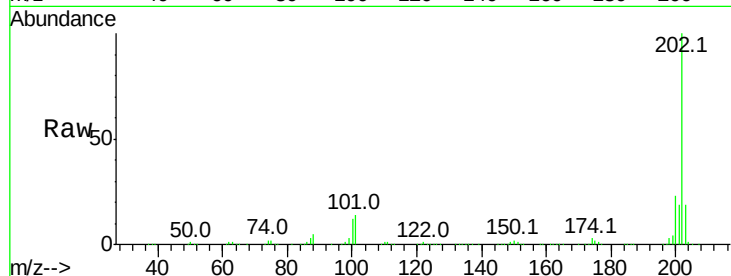




#77
Pvrene
Concen: 38.194 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

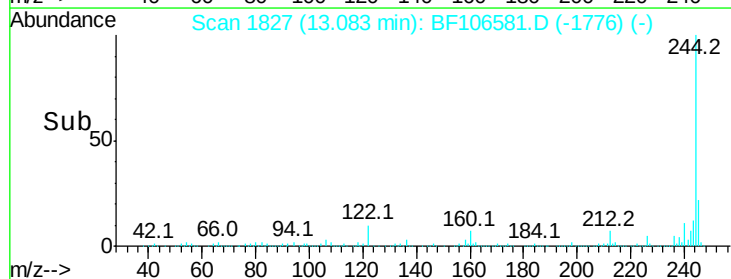
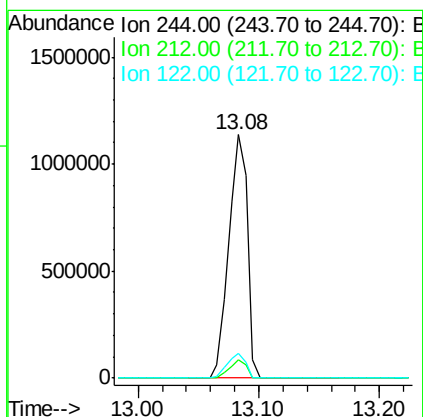
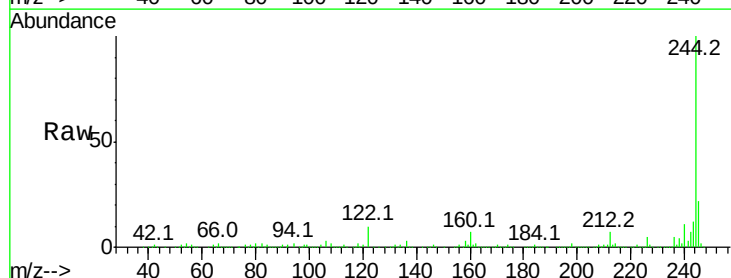
Instrument :
BNA_F
ClientSampleId :

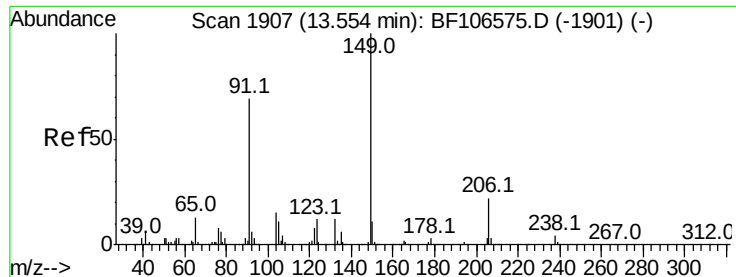
Tot Ion:202 Resp: 969589
Ion Ratio Lower Upper
202 100
200 23.3 17.4 26.2
203 18.6 14.3 21.5



#78
Terphenyl-d14
Concen: 76.743 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion:244 Resp: 1219662
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 10.3 11.0 16.4#

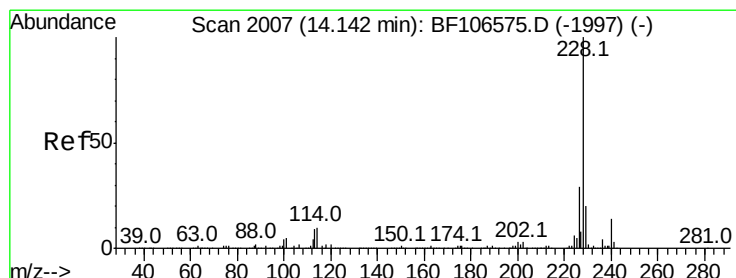
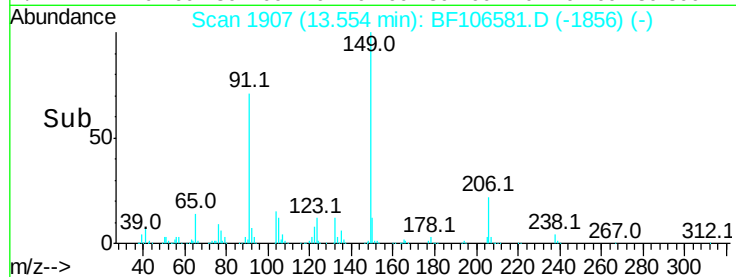
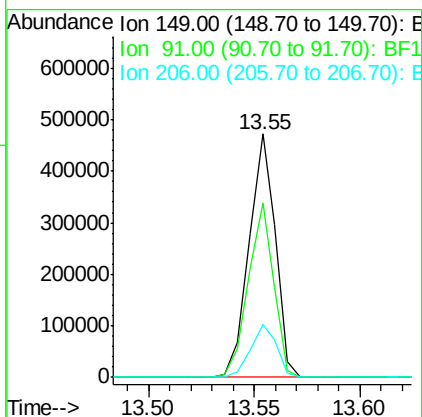
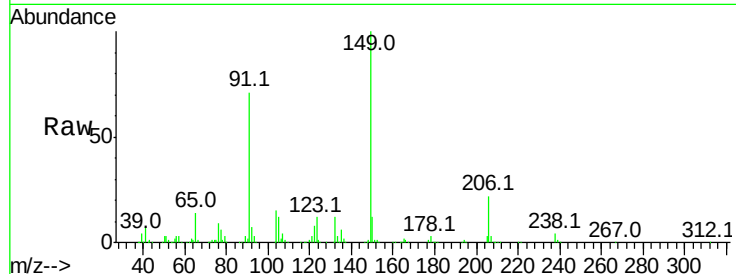




#79
Butylbenzylphthalate
Concen: 38.960 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

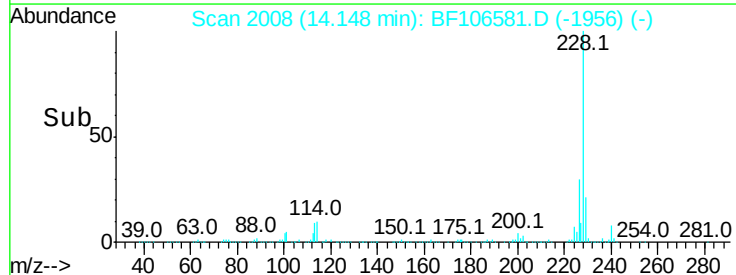
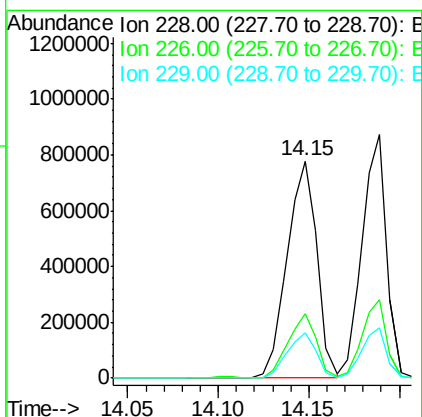
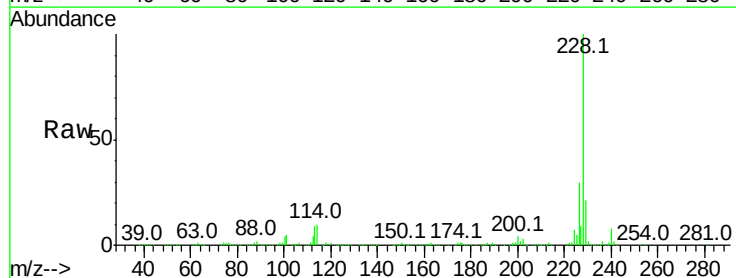
Instrument :
BNA_F
ClientSampleId :

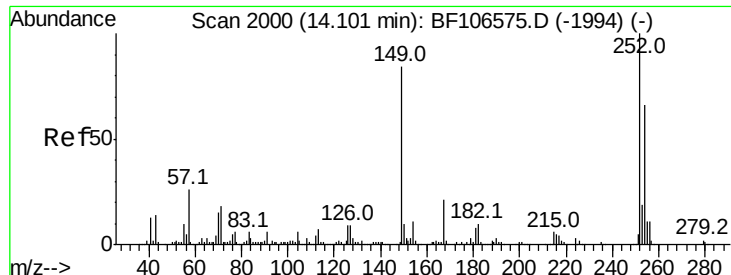
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.8	85.2
206	21.7	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 38.148 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.0	15.8	23.6

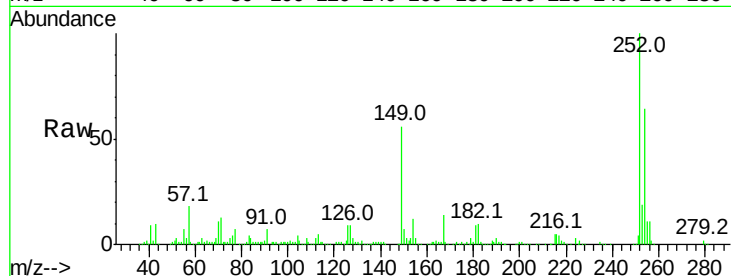




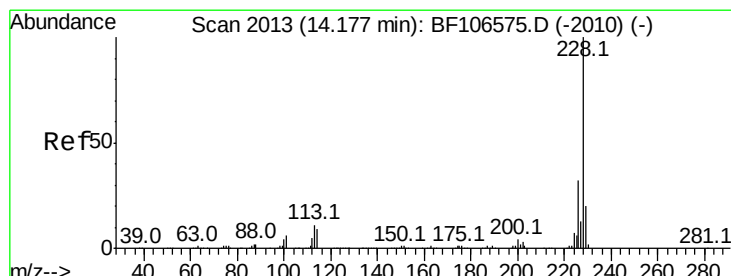
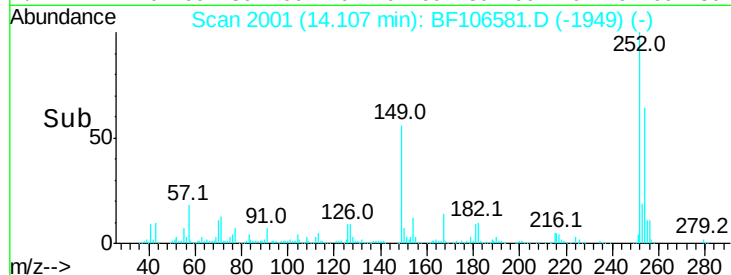
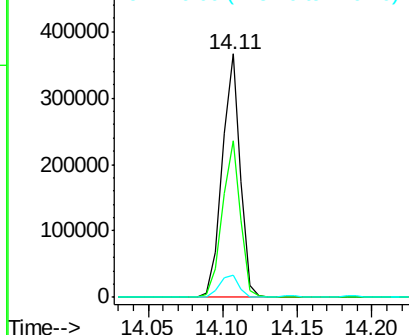
#81
 3,3'-Dichlorobenzidine
 Concen: 38.072 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 313953
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 9.3 11.3 16.9#

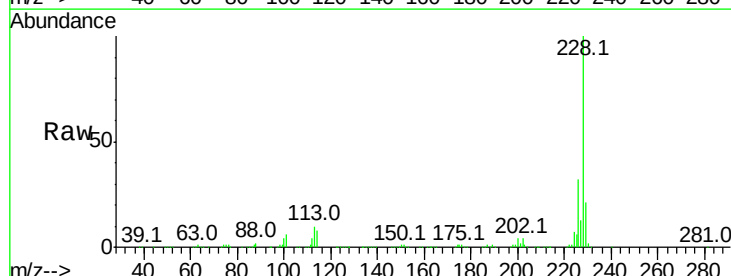


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

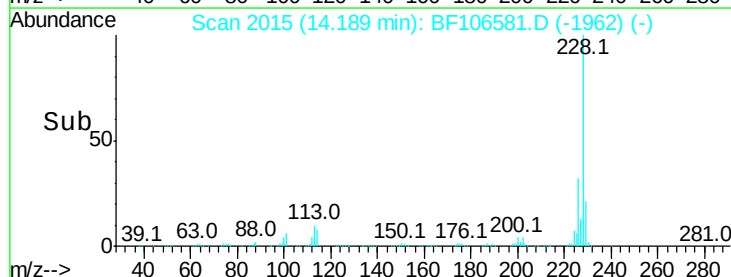
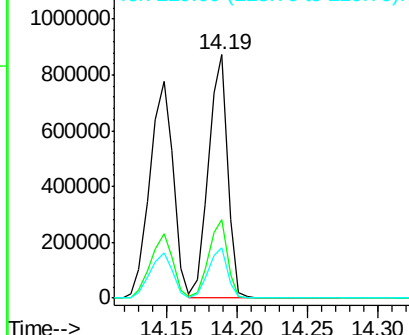


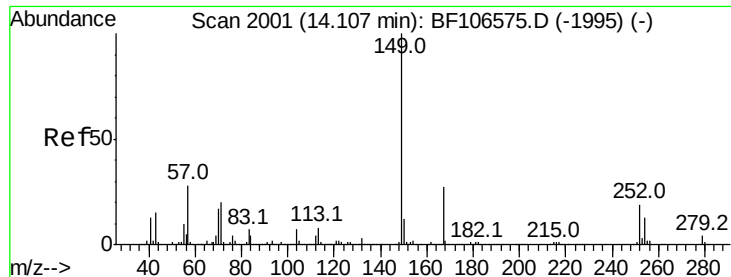
#82
 Chrysene
 Concen: 37.945 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion:228 Resp: 819059
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.900 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

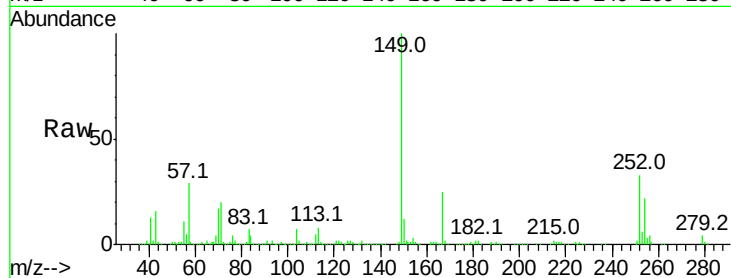
Tot Ion:149 Resp: 519078

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

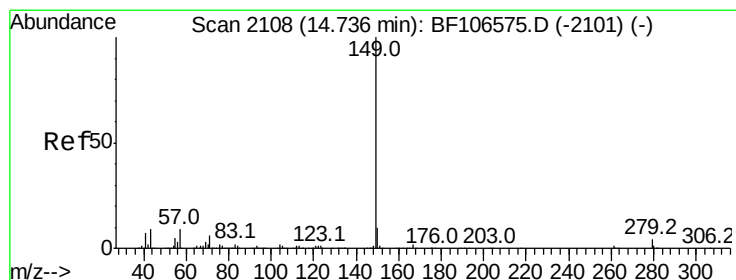
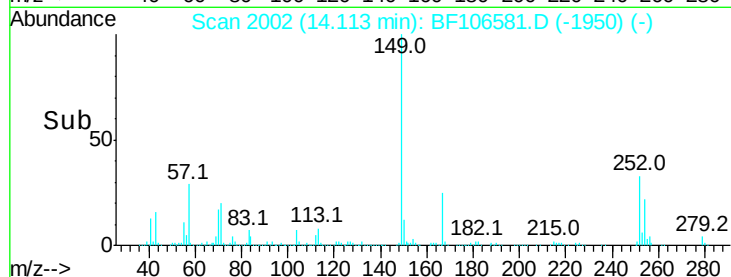
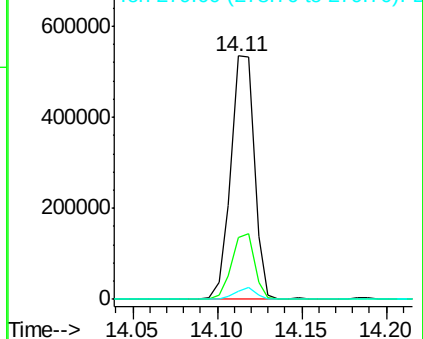
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.233 ng

RT: 14.75 min Scan# 2111

Delta R.T. 0.02 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

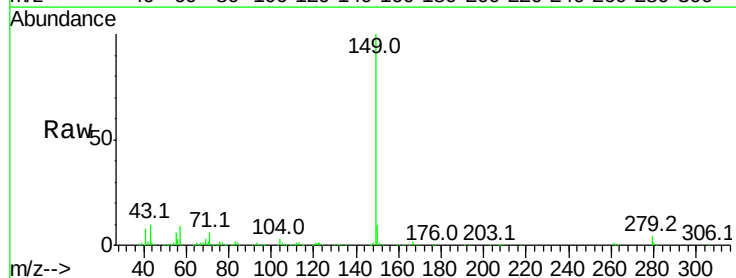
Tgt Ion:149 Resp: 831617

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

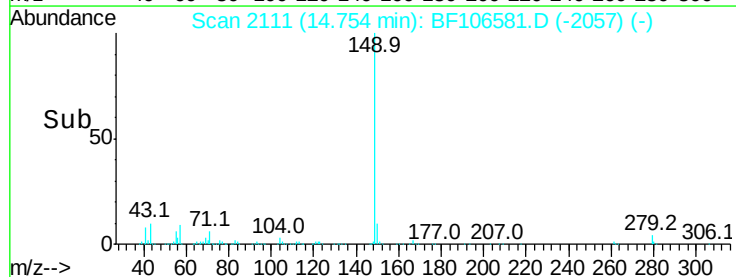
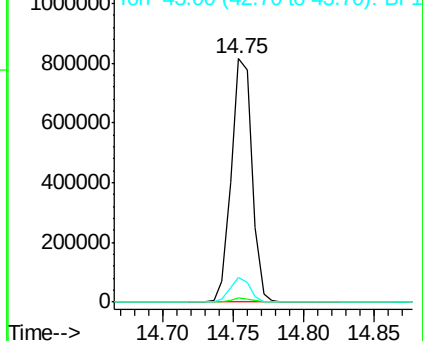
43 9.7 8.4 12.6

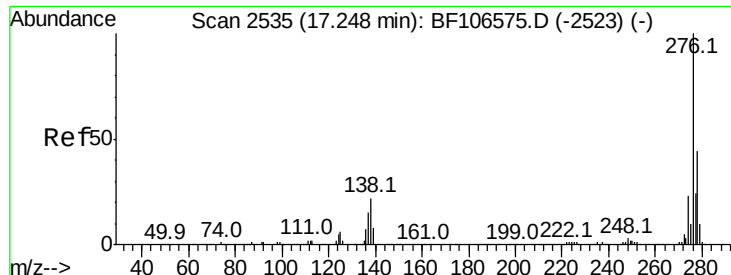


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

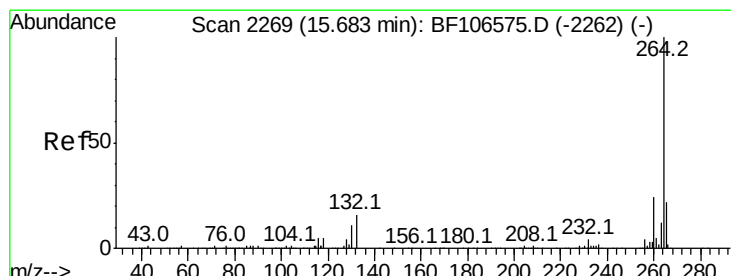
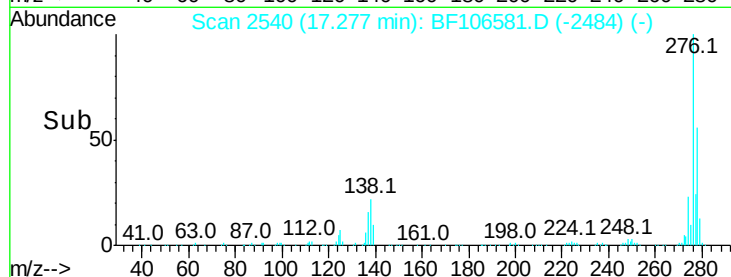
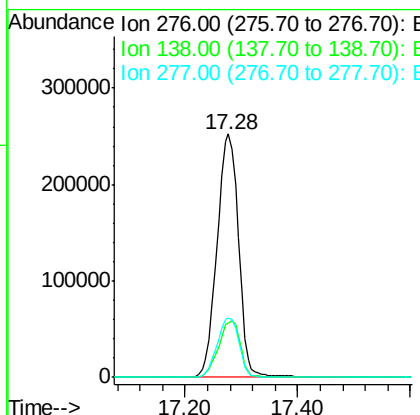
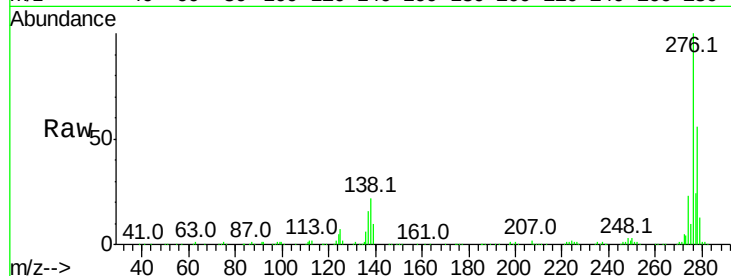




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.544 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.03 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

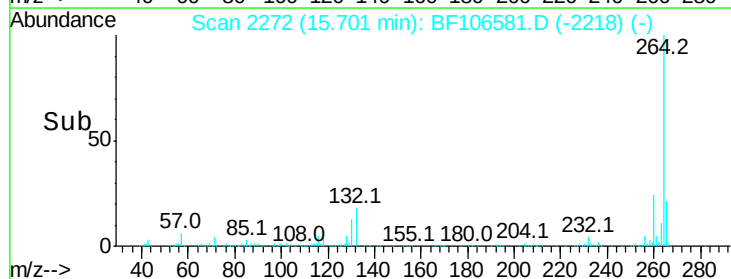
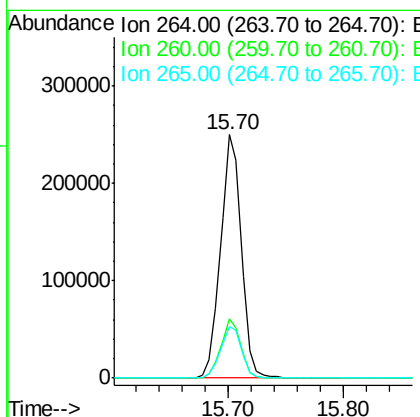
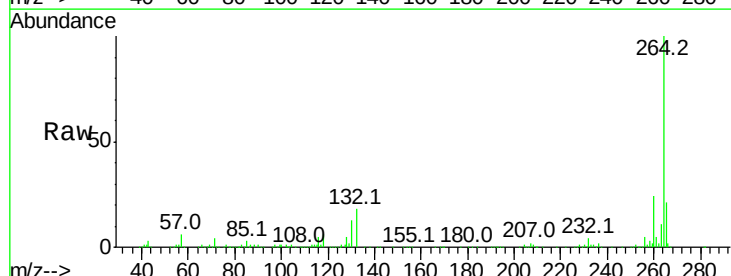
Instrument :
 BNA_F
 ClientSampleId :

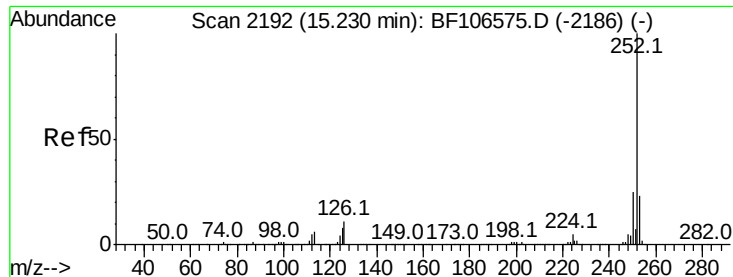
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3

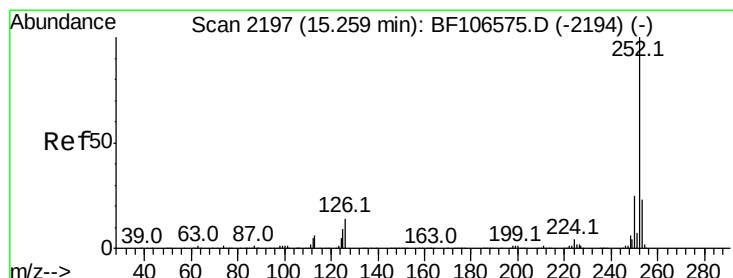
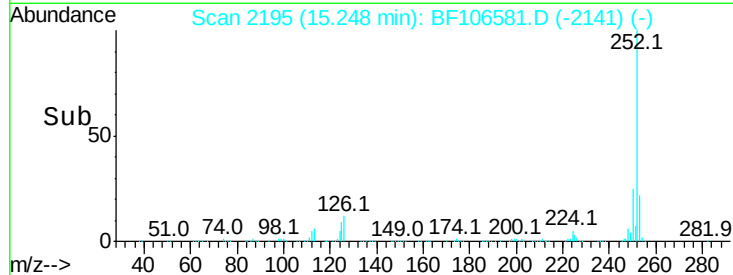
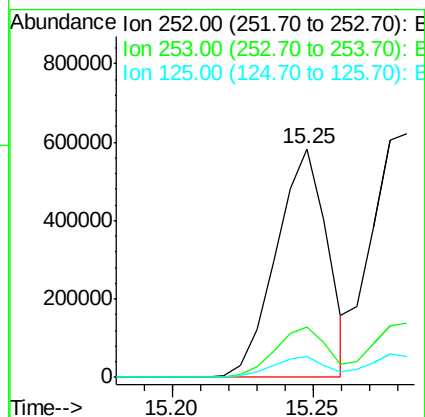
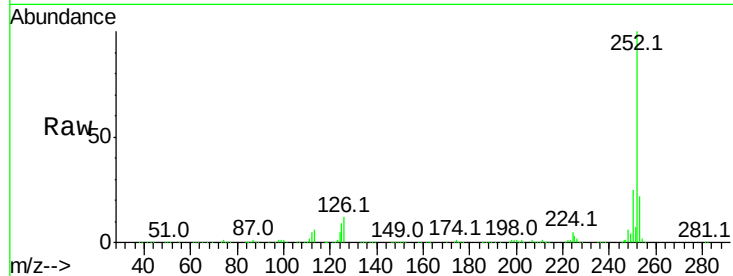




#87
Benzo(b)fluoranthene
Concen: 37.917 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

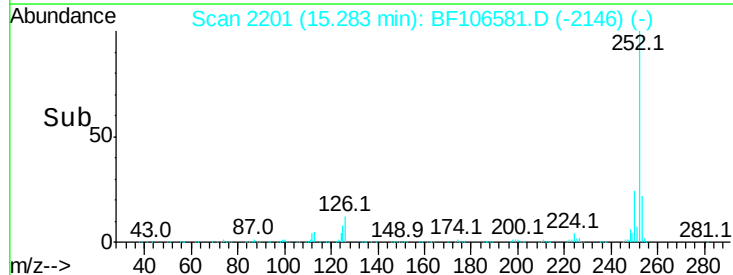
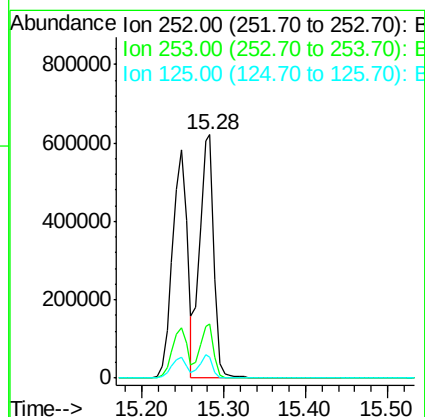
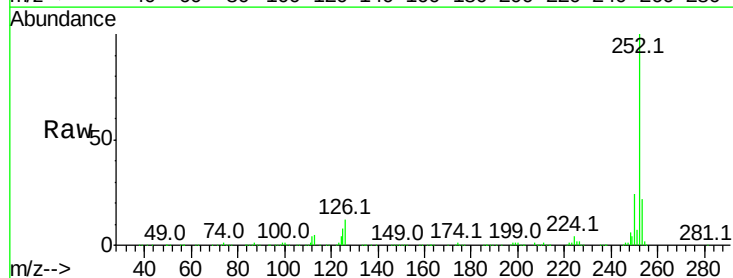
Instrument :
BNA_F
ClientSampleId :

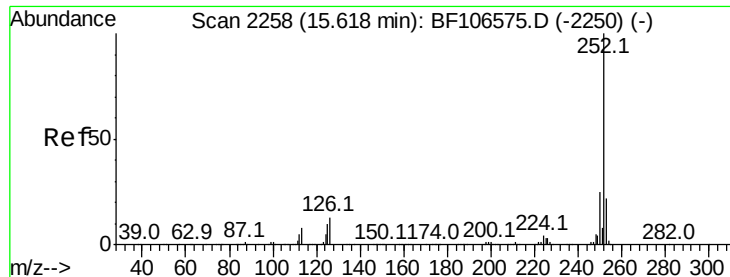
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.661 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF106581.D
Acq: 19 Jun 2018 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.5	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 38.426 ng

RT: 15.64 min Scan# 2262

Delta R.T. 0.02 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

Instrument :

BNA_F

ClientSampleId :

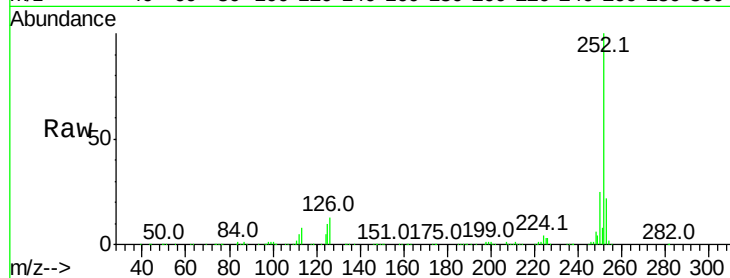
Tot Ion:252 Resp: 659564

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.9 9.8 14.6

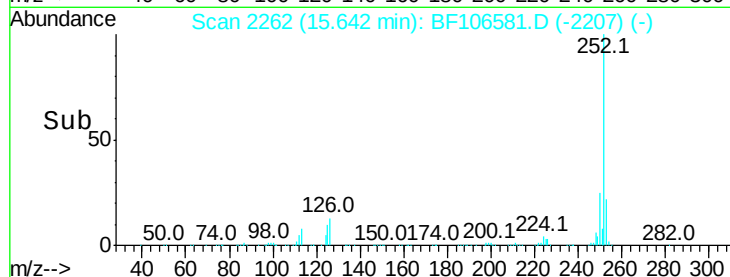


Abundance Ion 252.00 (251.70 to 252.70): E

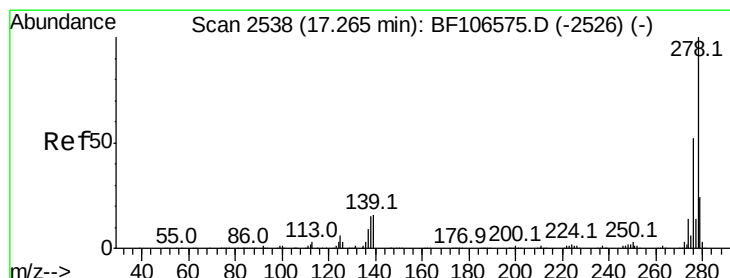
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 38.370 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.03 min

Lab File: BF106581.D

Acq: 19 Jun 2018 14:48

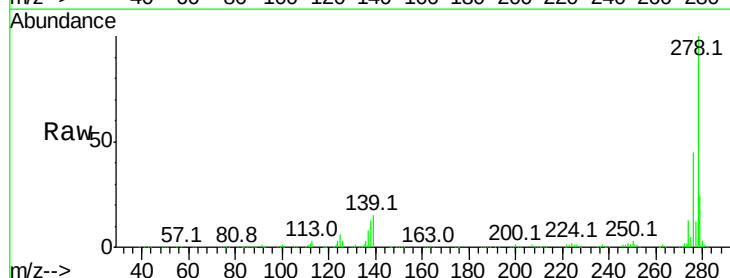
Tgt Ion:278 Resp: 558164

Ion Ratio Lower Upper

278 100

139 15.1 15.9 23.9#

279 24.4 19.0 28.4

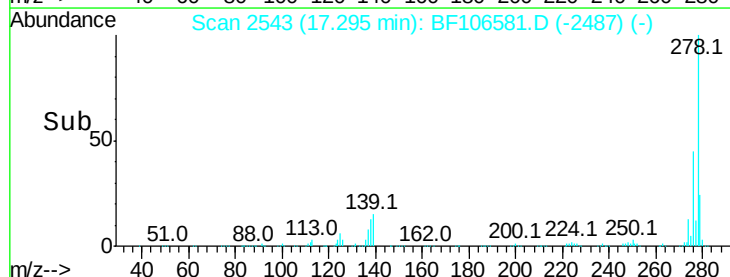


Abundance Ion 278.00 (277.70 to 278.70): E

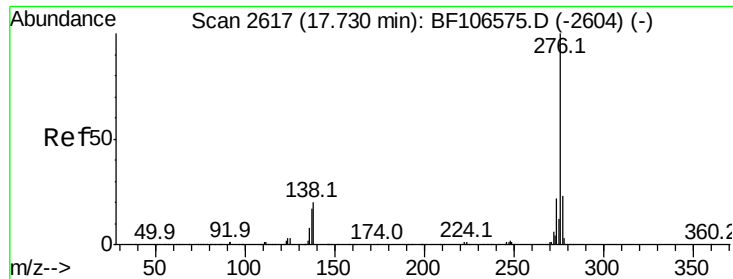
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#91
 Benzo(a,h,i)perylene
 Concen: 38.634 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.02 min
 Lab File: BF106581.D
 Acq: 19 Jun 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	21.5	21.8	32.8

