

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106578.D
 Acq On : 19 Jun 2018 13:04
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 13:25:44 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 12:10:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115776	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	467143	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	224532	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	442694	20.00	ng	0.00
75) Chrysene-d12	14.16	240	338006	20.00	ng	0.00
86) Perylene-d12	15.69	264	279577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	906512	132.52	ng	0.00
7) Phenol-d6	6.62	99	1145368	132.53	ng	0.01
23) Nitrobenzene-d5	7.54	82	1189244	149.76	ng	0.01
41) 2,4,6-Tribromophenol	10.81	330	371363	171.90	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1667048	126.60	ng	0.00
78) Terphenyl-d14	13.09	244	1849218	135.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	265876	75.102	ng	97
3) Pyridine	3.62	79	733090	74.308	ng	98
4) n-Nitrosodimethylamine	3.60	42	312878	69.228	ng	90
6) Aniline	6.64	93	806631	63.918	ng	95
8) 2-Chlorophenol	6.77	128	511651	69.554	ng	99
9) Benzaldehyde	6.52	77	316050	48.213	ng	98
10) Phenol	6.63	94	654615	69.383	ng	# 72
11) bis(2-Chloroethyl)ether	6.71	93	584789	72.404	ng	99
12) 1,3-Dichlorobenzene	6.91	146	616022	71.152	ng	99
13) 1,4-Dichlorobenzene	6.98	146	613197	69.794	ng	99
14) 1,2-Dichlorobenzene	7.14	146	534671	64.646	ng	97
15) Benzyl Alcohol	7.11	79	447063	60.404	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	728772	62.945	ng	81
17) 2-Methylphenol	7.23	107	494770	75.386	ng	# 91
18) Hexachloroethane	7.48	117	222876	71.194	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	381001	58.762	ng	94
20) 3+4-Methylphenols	7.38	107	438858	52.287	ng	# 72
22) Acetophenone	7.38	105	690926	58.690	ng	# 93
24) Nitrobenzene	7.56	77	595011	68.940	ng	99
25) Isophorone	7.80	82	1135455	73.207	ng	99
26) 2-Nitrophenol	7.87	139	311230	92.903	ng	97
27) 2,4-Dimethylphenol	7.91	122	477268	72.686	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	708917	70.490	ng	98
29) 2,4-Dichlorophenol	8.12	162	469375	74.097	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	501731	70.639	ng	96
31) Naphthalene	8.28	128	1416627	67.084	ng	97
32) Benzoic acid	8.07	122	380417	87.279	ng	92
33) 4-Chloroaniline	8.32	127	666971	71.270	ng	98
34) Hexachlorobutadiene	8.38	225	328269	71.940	ng	99
35) Caprolactam	8.73	113	137188	64.027	ng	96
36) 4-Chloro-3-methylphenol	8.82	107	500781	71.467	ng	97
37) 2-Methylnaphthalene	8.97	142	955895	66.460	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	513552	70.456	ng	96
40) Hexachlorocyclopentadiene	9.11	237	320048	79.584	ng	98

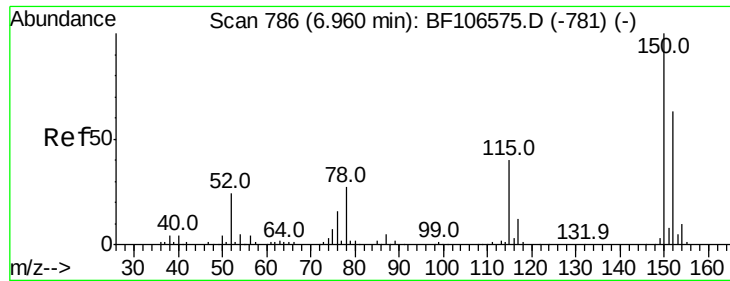
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
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 QLast Update : Tue Jun 19 12:10:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	365021	78.582	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	381017	76.088	nq	95
45) 1,1'-Biphenyl	9.43	154	1157412	66.552	nq	97
46) 2-Chloronaphthalene	9.46	162	950050	68.263	nq	98
47) 2-Nitroaniline	9.56	65	346855	79.223	nq	97
48) Acenaphthylene	9.88	152	1428084	67.038	nq	96
49) Dimethylphthalate	9.74	163	1235586	77.024	nq	99
50) 2,6-Dinitrotoluene	9.80	165	263821	80.513	nq	96
51) Acenaphthene	10.05	154	882336	64.136	nq	99
52) 3-Nitroaniline	9.98	138	308169	79.239	nq	98
53) 2,4-Dinitrophenol	10.08	184	148576	122.659	nq #	17
54) Dibenzofuran	10.22	168	1230421	66.418	nq	94
55) 4-Nitrophenol	10.15	139	227027	76.158	nq	97
56) 2,4-Dinitrotoluene	10.21	165	339357	82.472	nq #	97
57) Fluorene	10.57	166	947257	64.538	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	311829	78.568	nq #	82
59) Diethylphthalate	10.43	149	1106403	69.488	nq #	93
60) 4-Chlorophenyl-phenylether	10.55	204	510213	66.091	nq	92
61) 4-Nitroaniline	10.60	138	308553	81.544	nq	99
62) Azobenzene	10.71	77	1038051	62.524	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	222348	102.771	nq	82
65) n-Nitrosodiphenylamine	10.68	169	992093	66.681	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	377893	75.051	nq #	85
67) Hexachlorobenzene	11.11	284	404427	77.910	nq #	82
68) Atrazine	11.20	200	336846	73.466	nq	97
69) Pentachlorophenol	11.31	266	235404	73.658	nq	99
70) Phenanthrene	11.53	178	1419084	65.455	nq	96
71) Anthracene	11.58	178	1439373	66.270	nq	96
72) Carbazole	11.74	167	1323632	66.010	nq	97
73) Di-n-butylphthalate	12.05	149	1543009	69.140	nq	98
74) Fluoranthene	12.72	202	1557169	67.349	nq	96
76) Benzidine	13.09	184	24959	2.219	nq	96
77) Pyrene	12.95	202	1597247	75.480	nq	95
79) Butylbenzylphthalate	13.56	149	701187	88.521	nq #	93
80) Benzo(a)anthracene	14.15	228	1464571	72.812	nq	96
81) 3,3'-Dichlorobenzidine	14.11	252	405092	59.690	nq #	94
82) Chrysene	14.19	228	1308011	71.225	nq	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	802533	70.661	nq #	99
84) Di-n-octyl phthalate	14.75	149	1369752	83.656	nq	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	1280754	87.384	nq #	92
87) Benzo(b)fluoranthene	15.24	252	1256514	74.349	nq	96
88) Benzo(k)fluoranthene	15.28	252	1206361	72.076	nq #	95
89) Benzo(a)pyrene	15.64	252	1160324	76.332	nq	96
90) Dibenzo(a,h)anthracene	17.29	278	1045503	82.498	nq #	95
91) Benzo(g,h,i)perylene	17.75	276	1076453	87.403	nq #	93

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

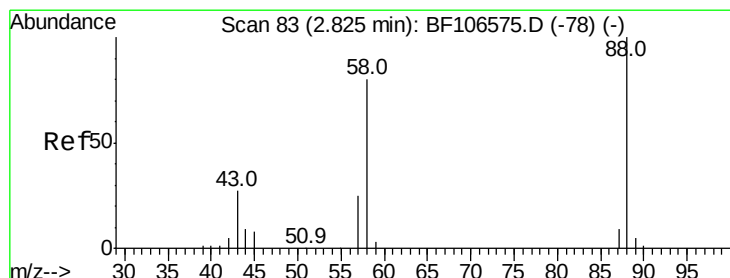
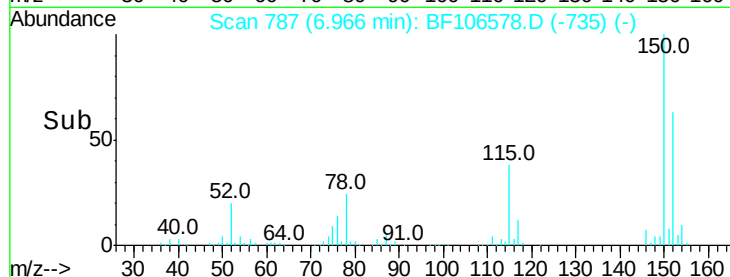
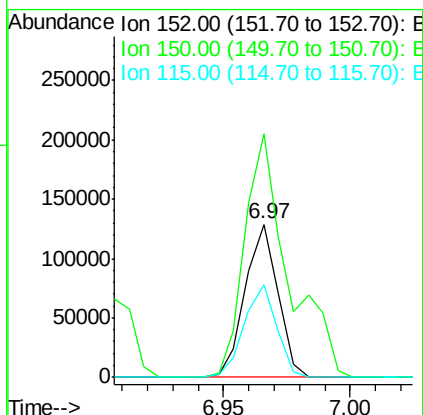
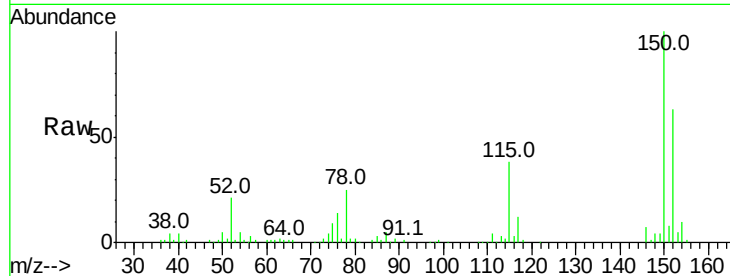


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Instrument :
BNA_F
ClientSampleId :

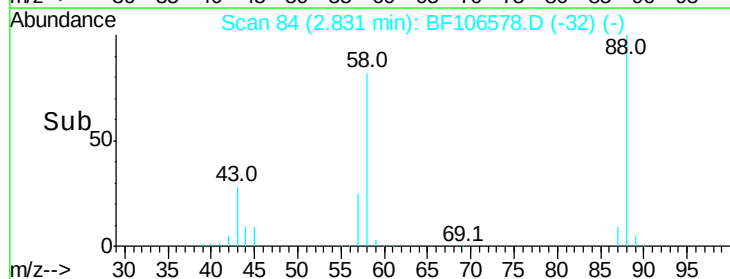
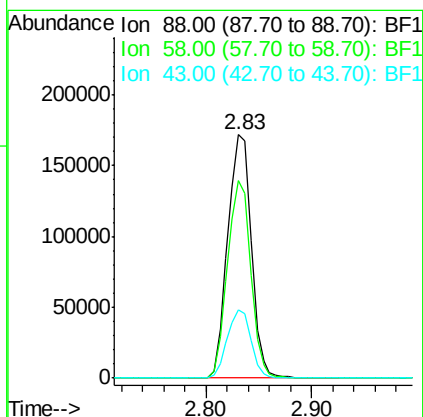
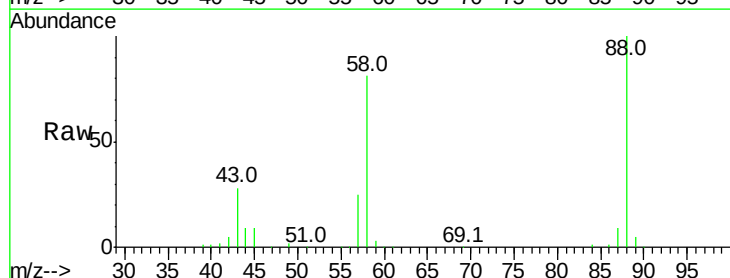
Tot Ion:152 Resp: 115776
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 61.0 50.1 75.1

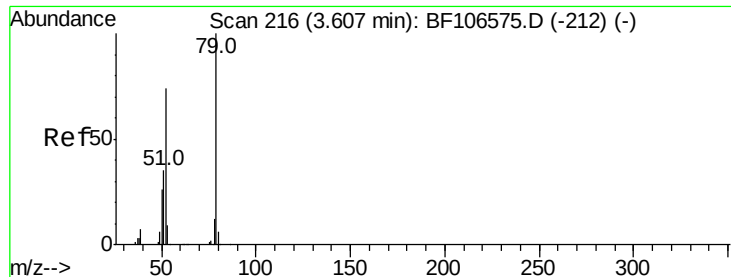


#2

1,4-Dioxane
Concen: 75.102 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion: 88 Resp: 265876
Ion Ratio Lower Upper
88 100
58 79.9 62.6 93.8
43 28.0 24.6 37.0





#3

Pvridine

Concen: 74.308 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

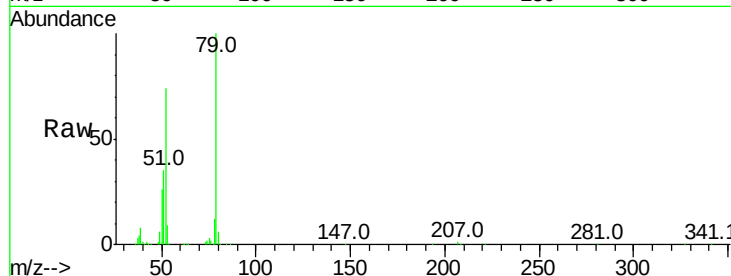
Tot Ion: 79 Resp: 733090

Ion Ratio Lower Upper

79 100

52 74.4 59.8 89.6

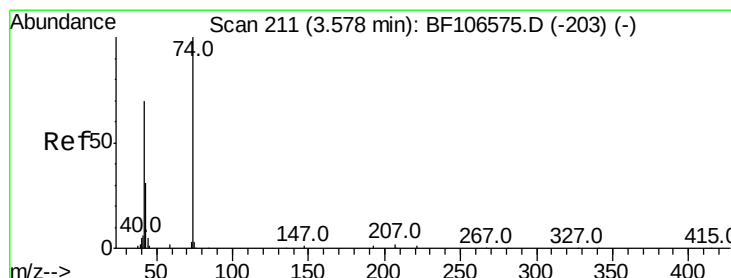
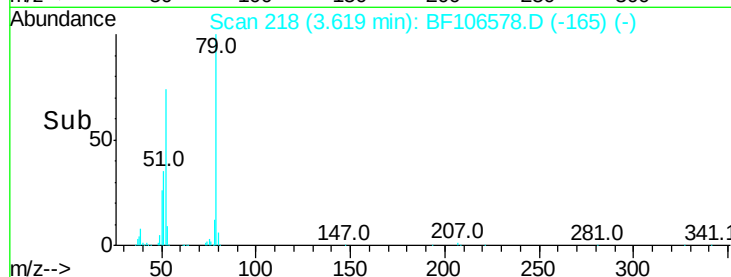
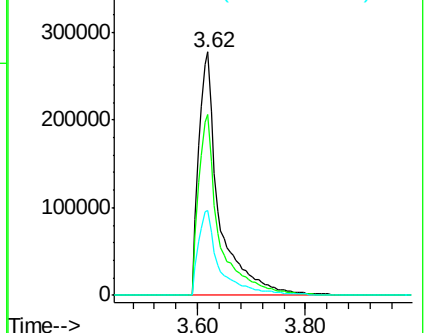
51 35.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 69.228 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

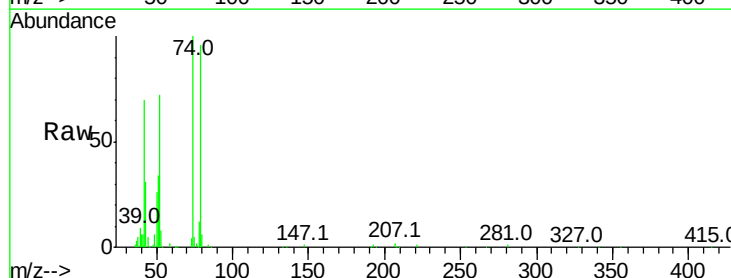
Tgt Ion: 42 Resp: 312878

Ion Ratio Lower Upper

42 100

74 143.1 104.9 157.3

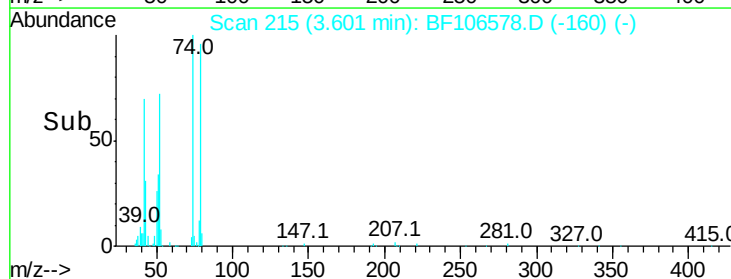
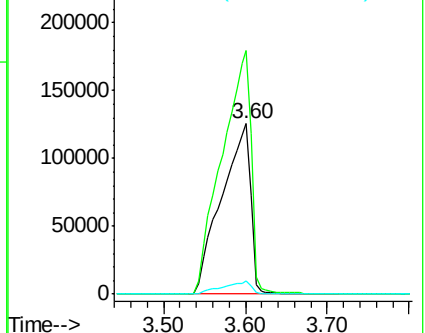
44 7.7 6.9 10.3

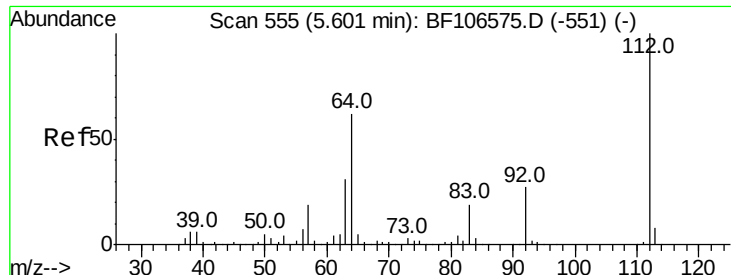


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.521 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampled :

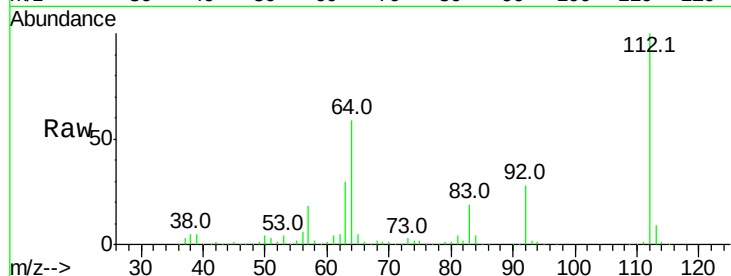
Tot Ion:112 Resp: 906512

Ion Ratio Lower Upper

112 100

64 59.5 47.9 71.9

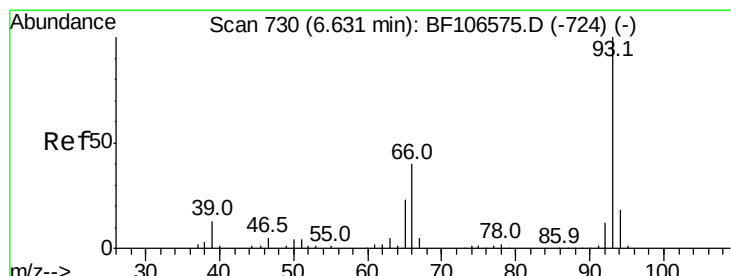
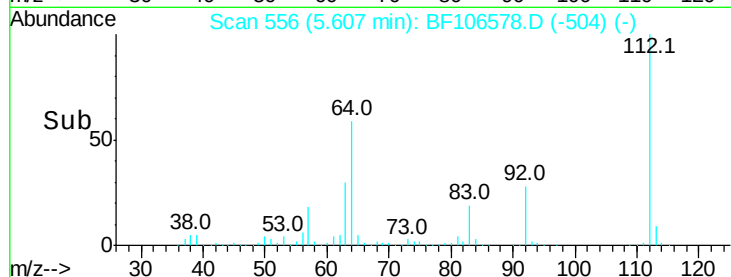
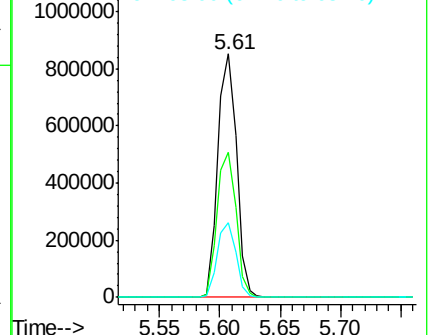
63 30.4 23.7 35.5



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: 63.918 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

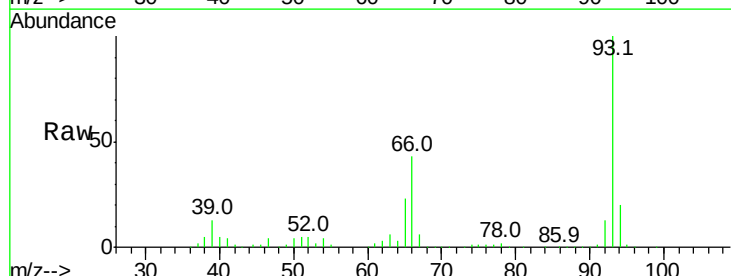
Tgt Ion: 93 Resp: 806631

Ion Ratio Lower Upper

93 100

66 43.1 32.2 48.2

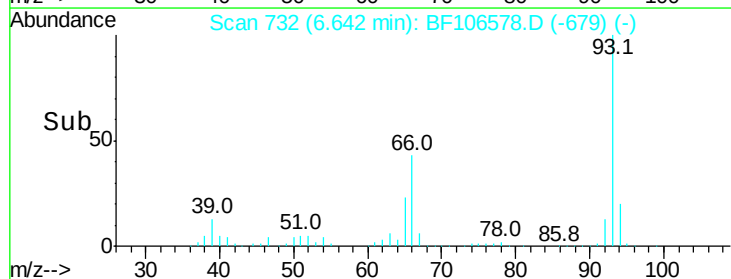
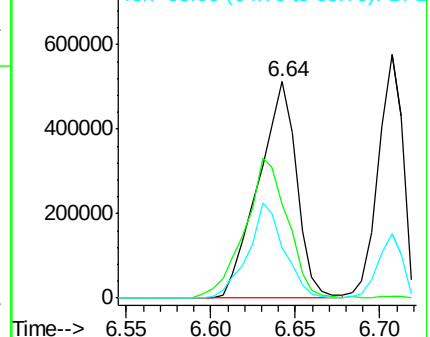
65 23.5 16.4 24.6

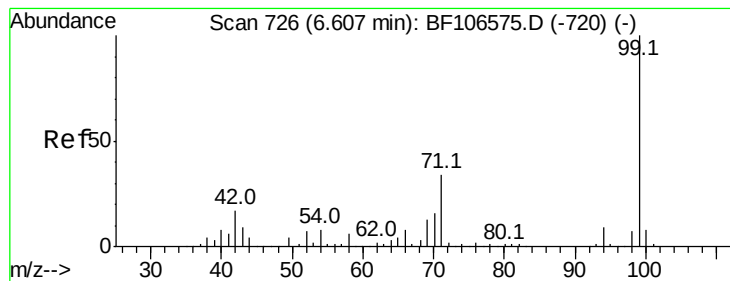


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.529 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampled :

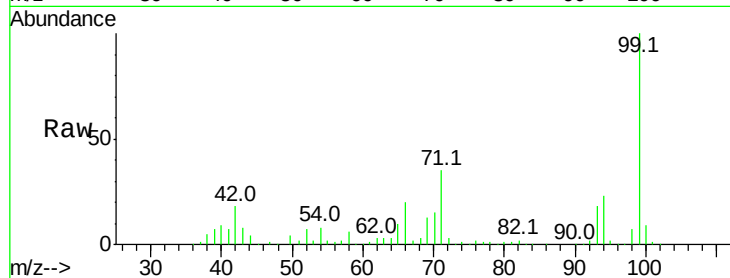
Tot Ion: 99 Resp: 1145368

Ion Ratio Lower Upper

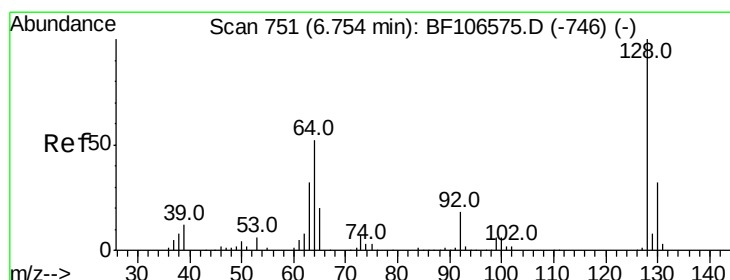
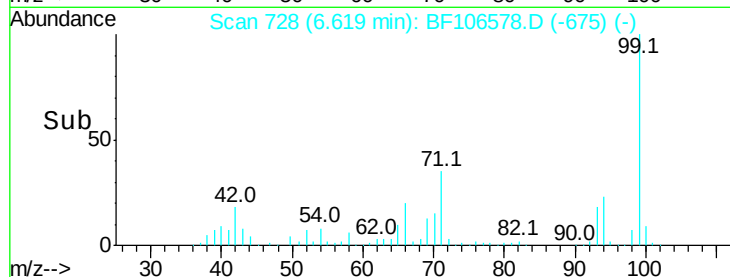
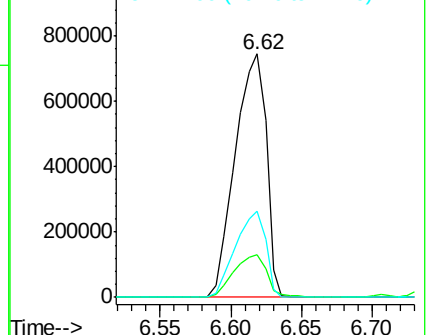
99 100

42 17.6 14.5 21.7

71 35.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 69.554 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

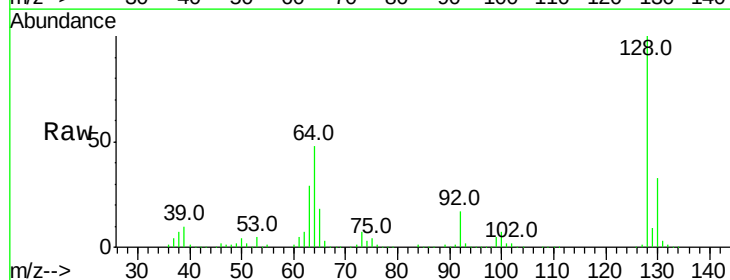
Tgt Ion:128 Resp: 511651

Ion Ratio Lower Upper

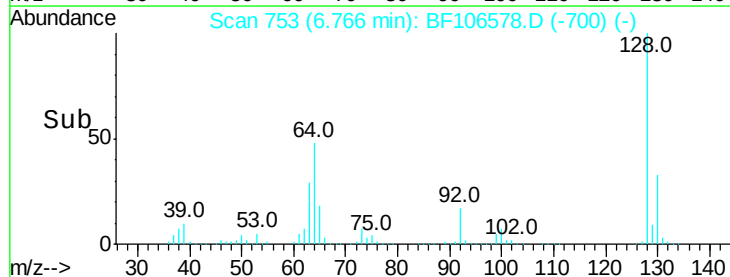
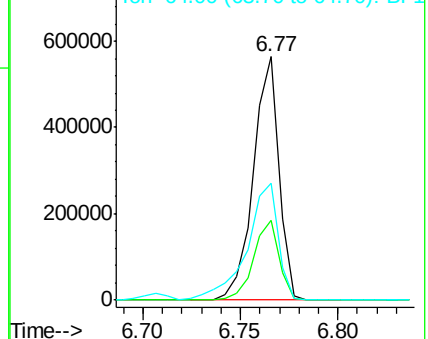
128 100

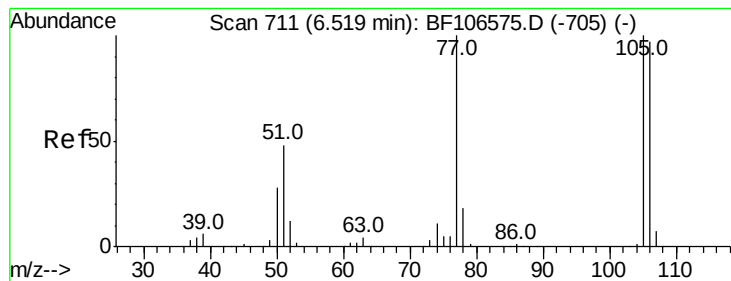
130 33.0 13.0 53.0

64 48.2 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: 48.213 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

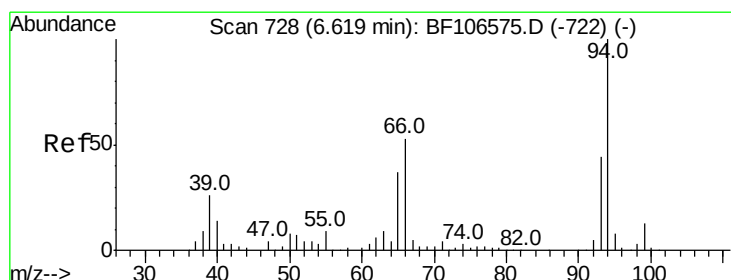
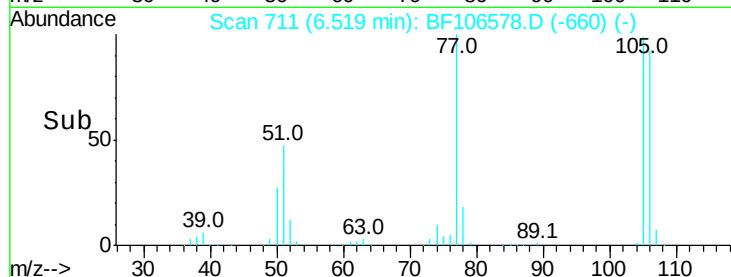
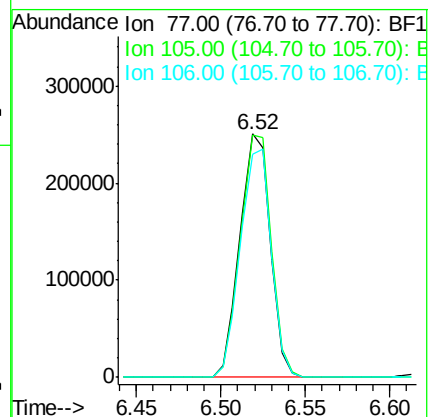
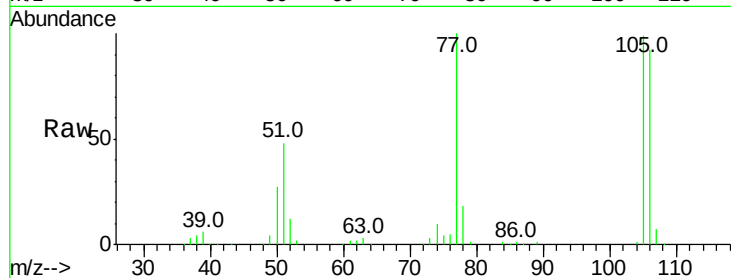
Tot Ion: 77 Resp: 316050

Ion Ratio Lower Upper

77 100

105 99.5 81.1 121.1

106 91.8 74.5 114.5



#10

Phenol

Concen: 69.383 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

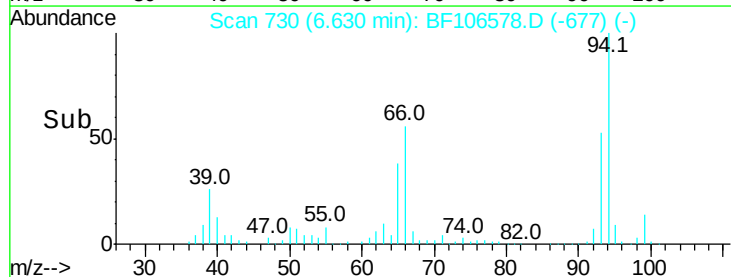
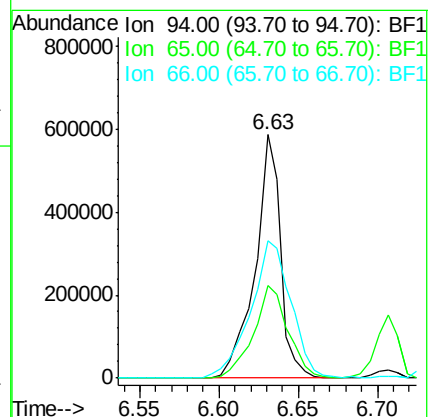
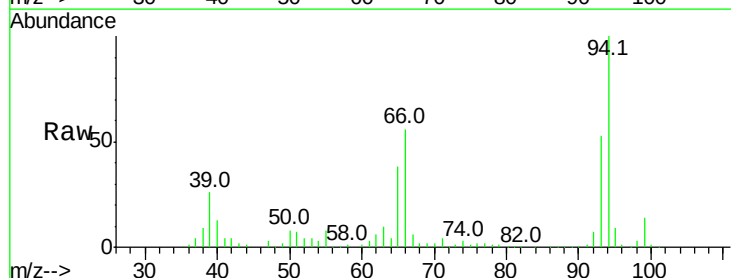
Tgt Ion: 94 Resp: 654615

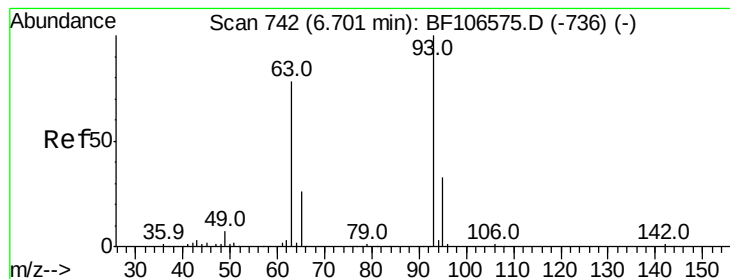
Ion Ratio Lower Upper

94 100

65 38.2 7.9 47.9

66 56.3 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 72.404 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

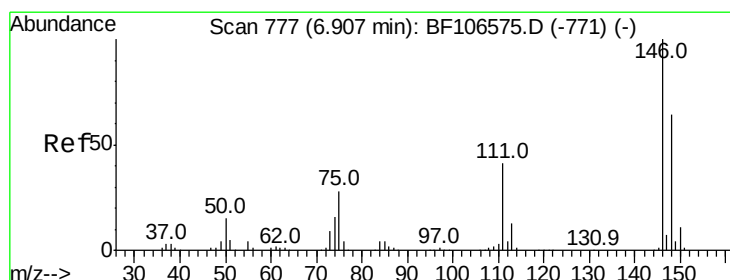
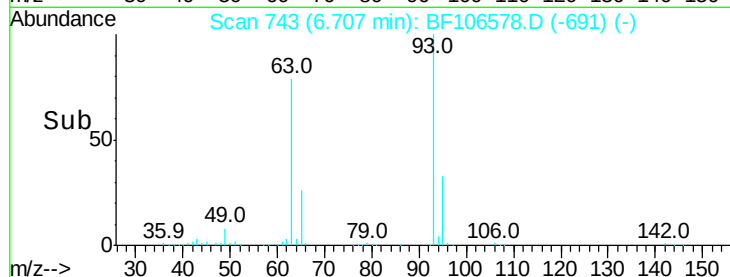
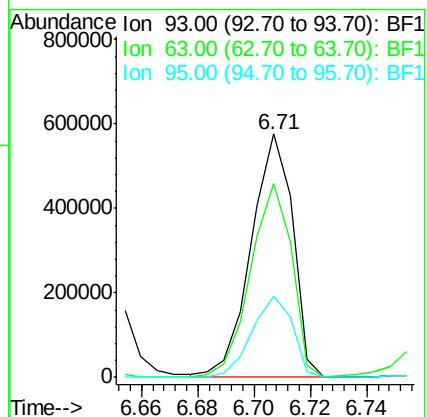
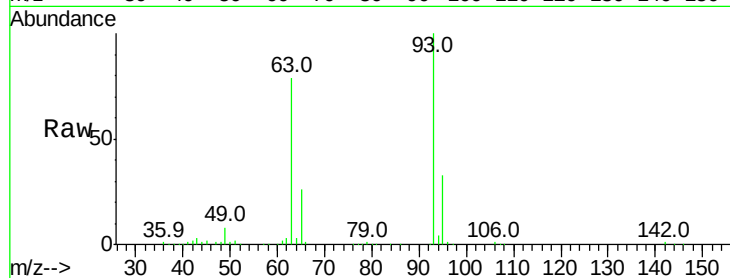
Tot Ion: 93 Resp: 584789

Ion Ratio Lower Upper

93 100

63 79.5 58.6 98.6

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 71.152 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

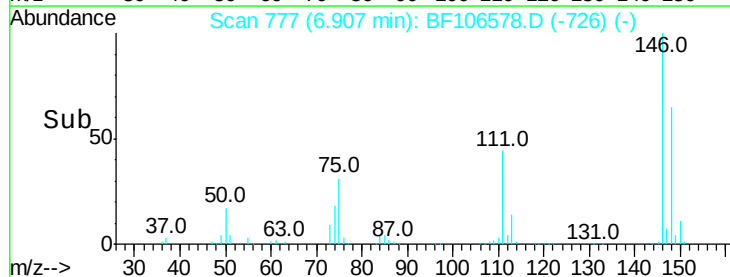
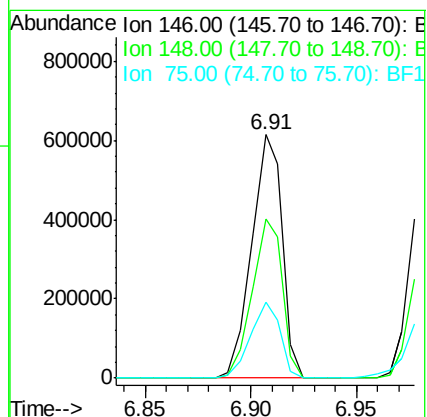
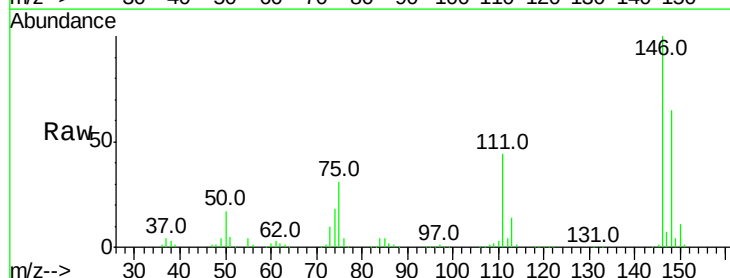
Tgt Ion: 146 Resp: 616022

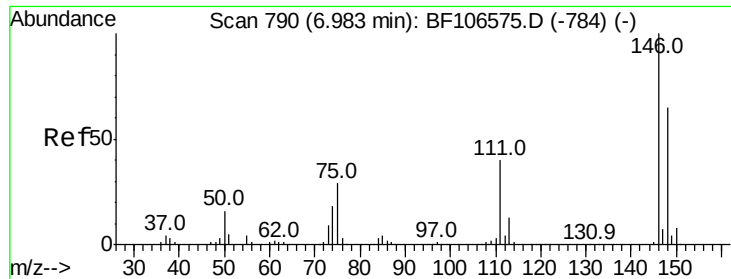
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 31.4 24.2 36.4

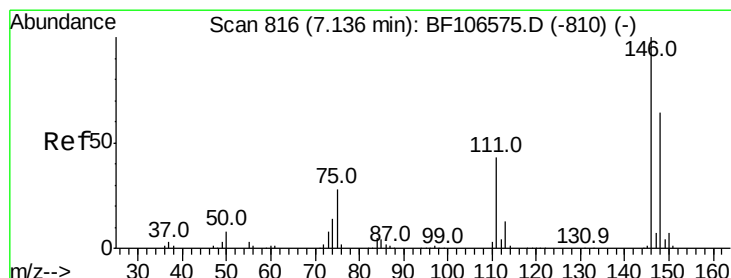
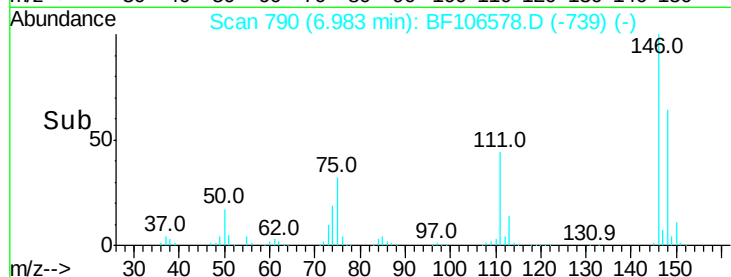
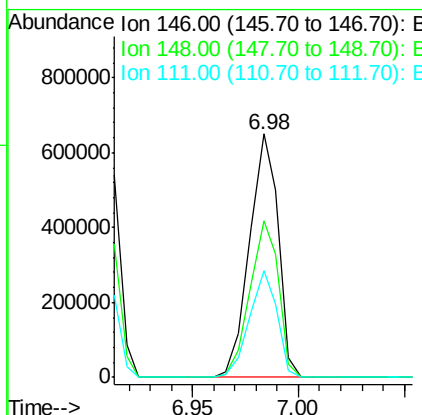
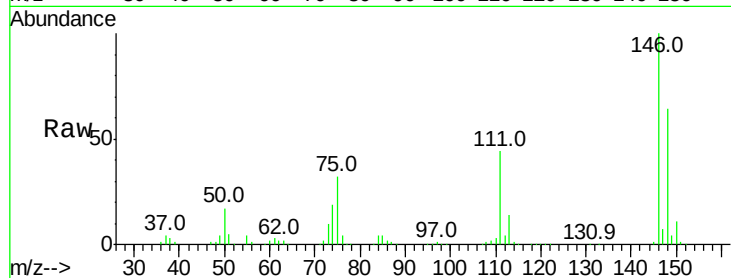




#13
 1,4-Dichlorobenzene
 Concen: 69.794 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

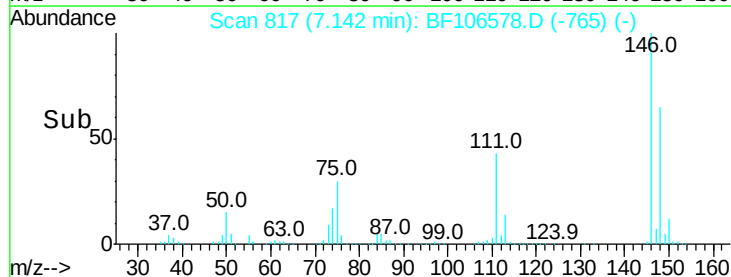
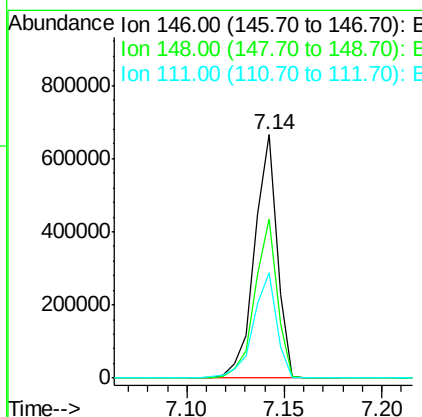
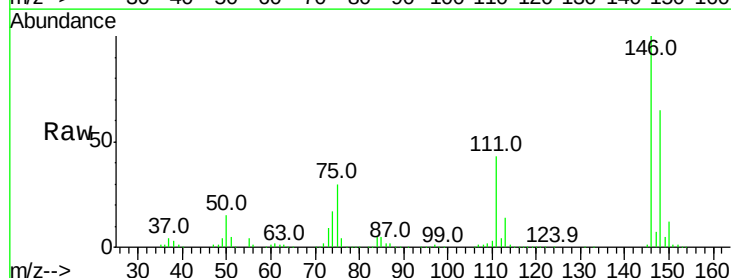
Instrument :
 BNA_F
 ClientSampled :

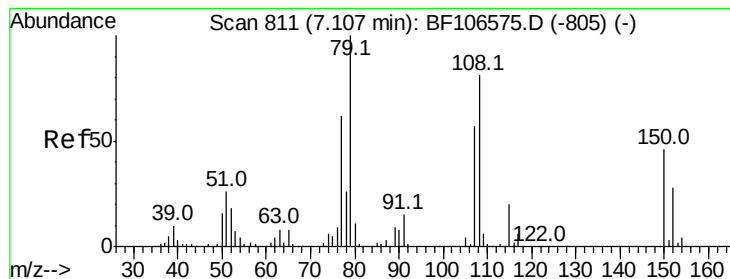
Tot Ion:146 Resp: 613197
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 43.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 64.646 ng
 RT: 7.14 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:146 Resp: 534671
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 75.8
 111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 60.404 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampled :

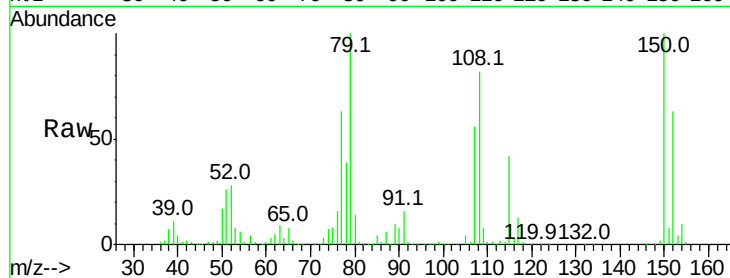
Tot Ion: 79 Resp: 447063

Ion Ratio Lower Upper

79 100

108 82.2 65.1 97.7

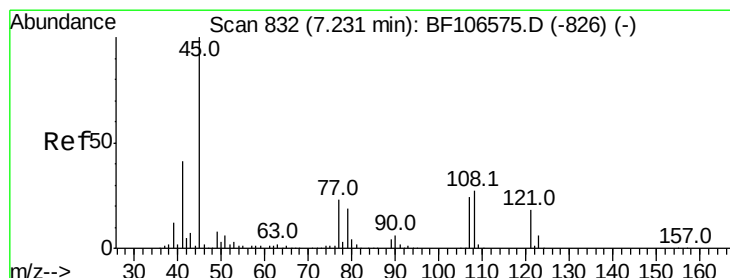
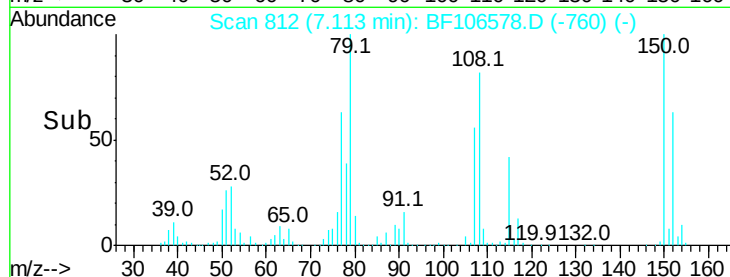
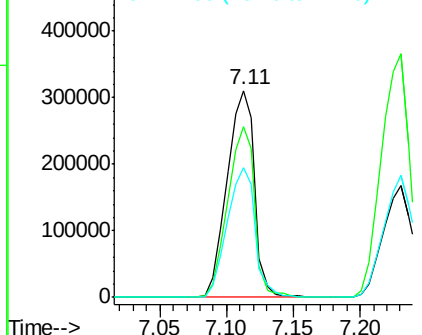
77 62.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 62.945 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

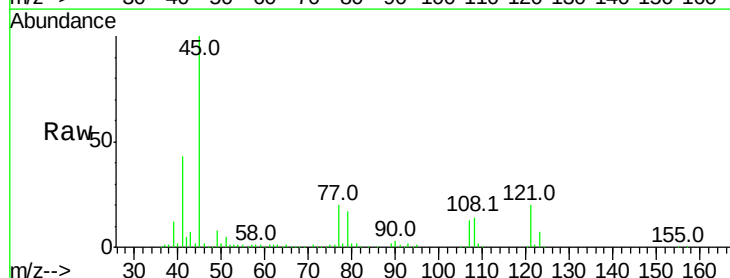
Tgt Ion: 45 Resp: 728772

Ion Ratio Lower Upper

45 100

77 20.4 0.0 32.9

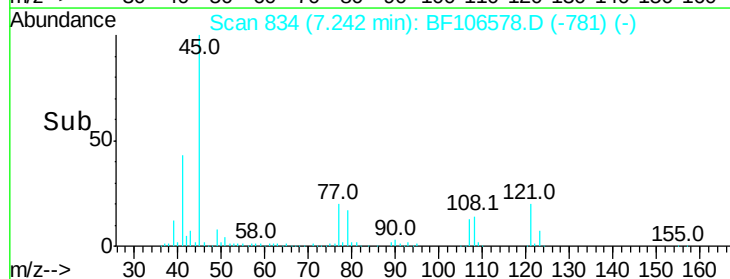
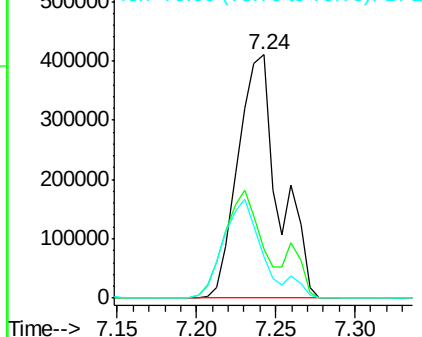
79 17.0 0.0 29.6

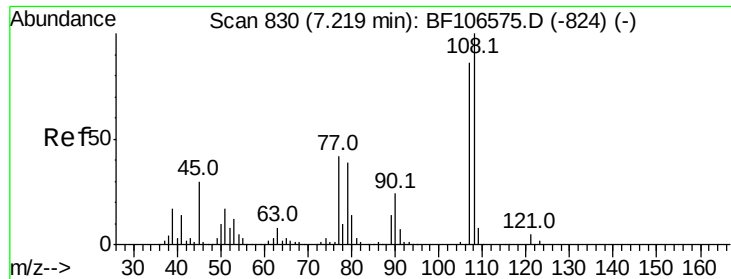


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

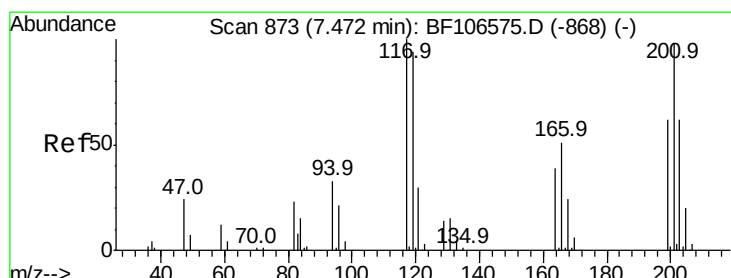
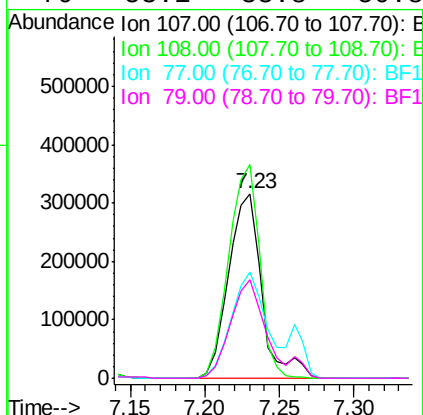
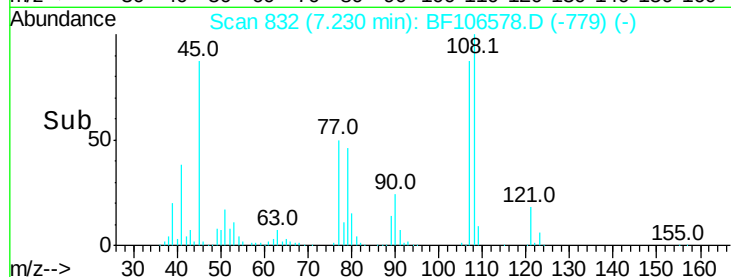
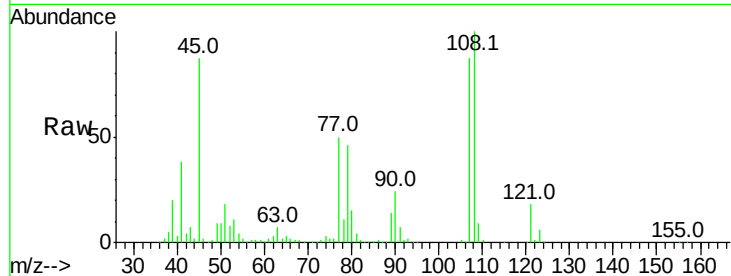




#17
2-Methylphenol
Concen: 75.386 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

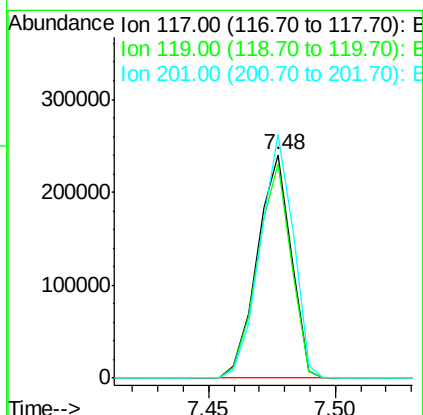
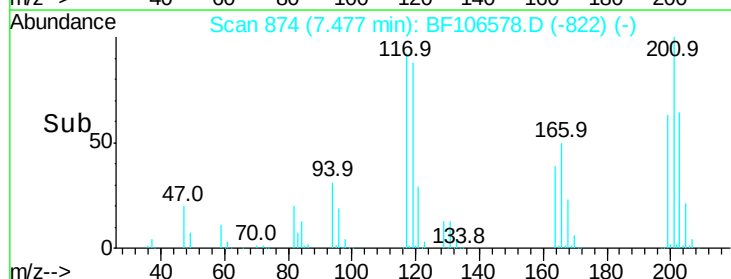
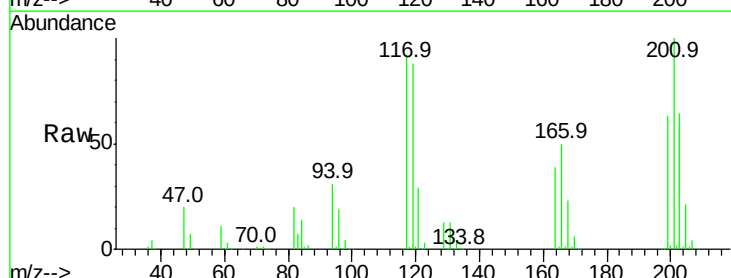
Instrument :
BNA_F
ClientSampleId :

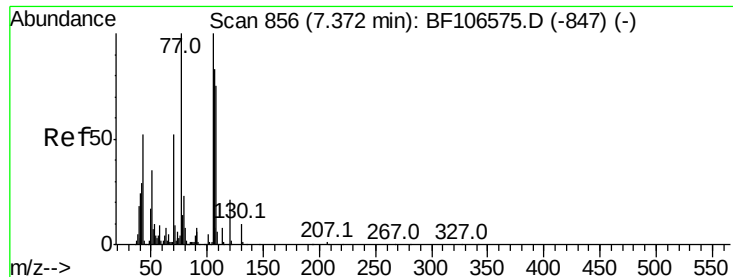
Tot Ion:107 Resp: 494770
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 57.6 33.8 50.8#
79 53.1 33.8 50.8#



#18
Hexachloroethane
Concen: 71.194 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:117 Resp: 222876
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 109.1 75.7 113.5

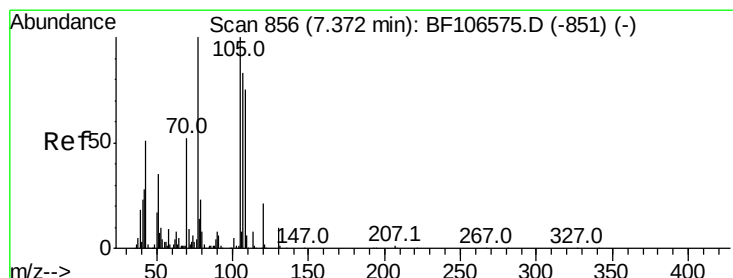
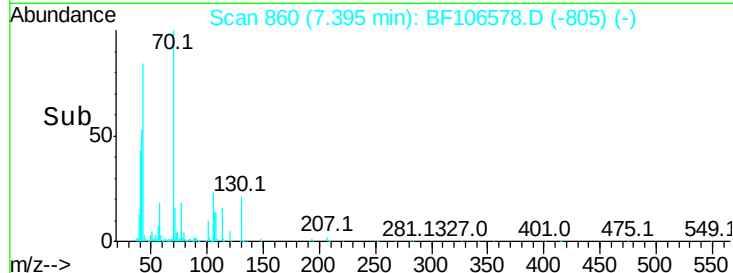
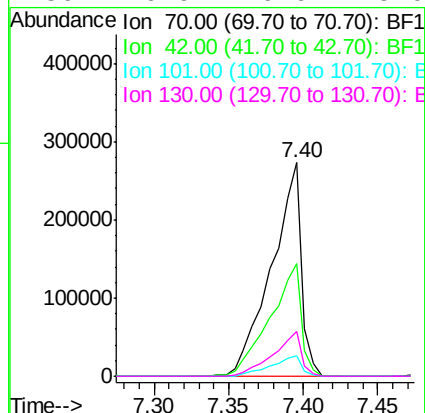
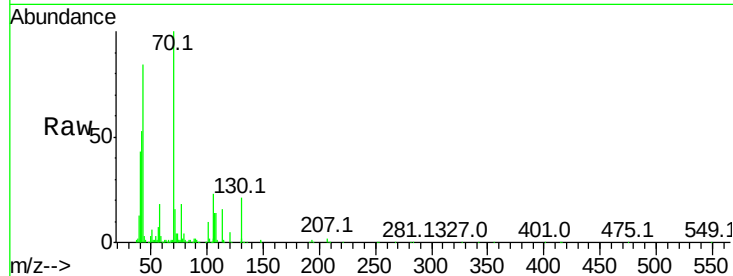




#19
n-Nitroso-di-n-propylamine
Concen: 58.762 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

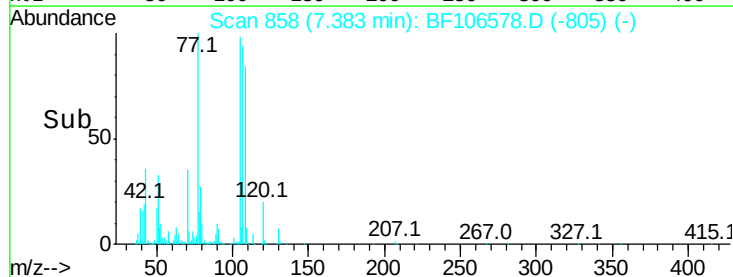
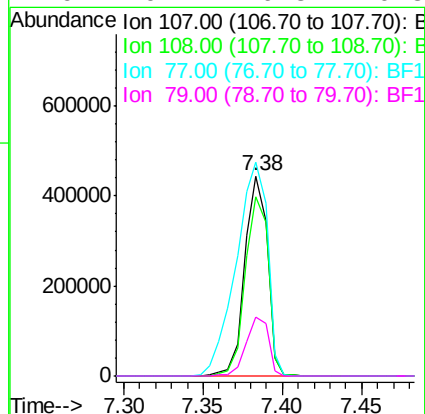
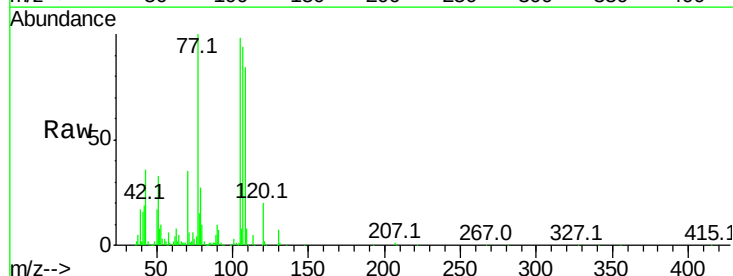
Instrument :
BNA_F
ClientSampleId :

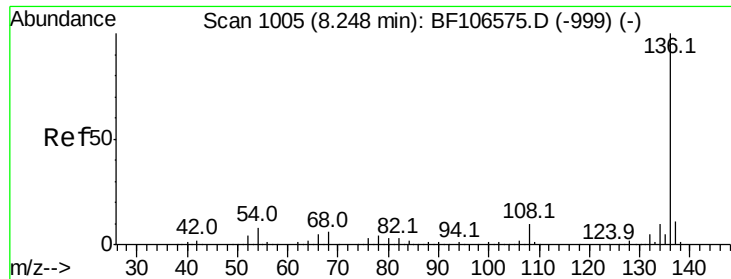
Tot Ion:	70	Resp:	381001
Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	9.7	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 52.287 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:	107	Resp:	438858
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	106.8	26.7	66.7#
79	29.2	6.3	46.3

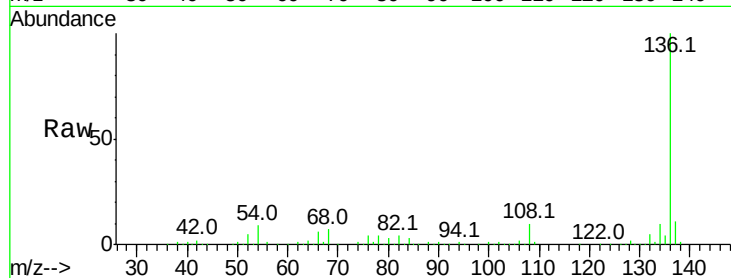




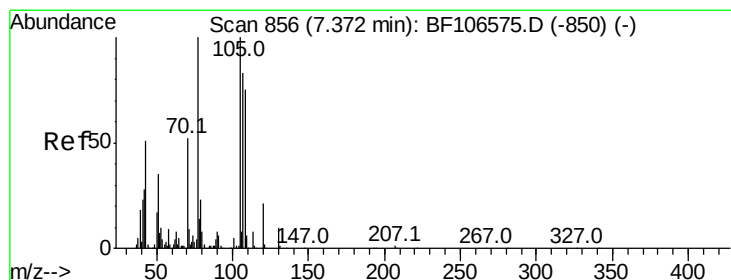
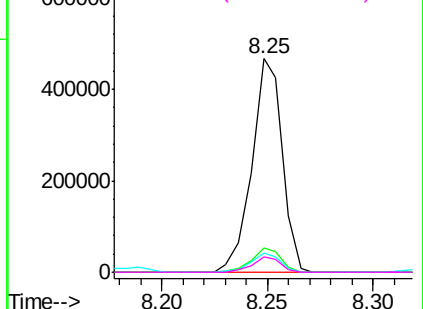
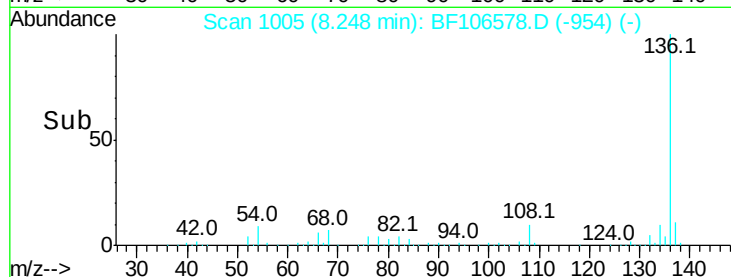
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 467143
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 8.8	6.6 9.8
68 7.1	5.0 7.4

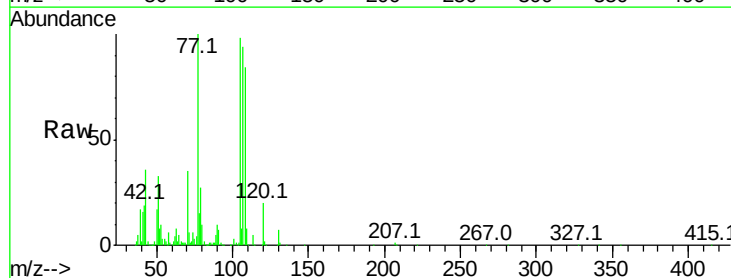


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

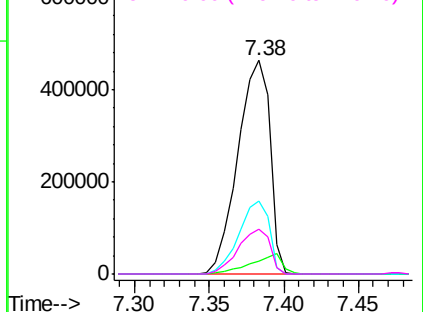
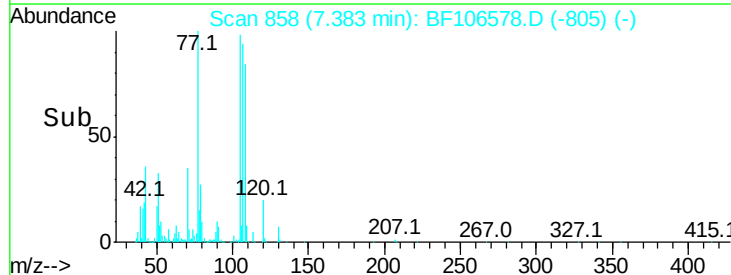


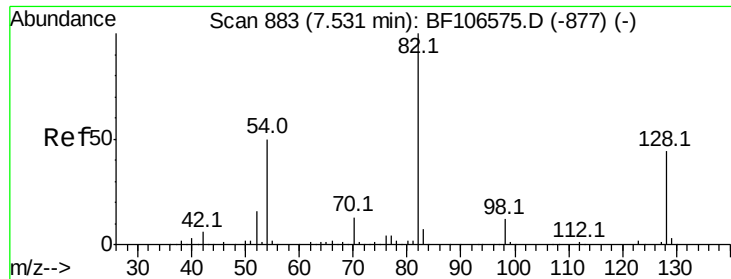
#22
Acetophenone
Concen: 58.690 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt	Ion:105	Resp:	690926
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.4	6.6
51	34.2	22.3	33.5#
120	20.7	16.9	25.3



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



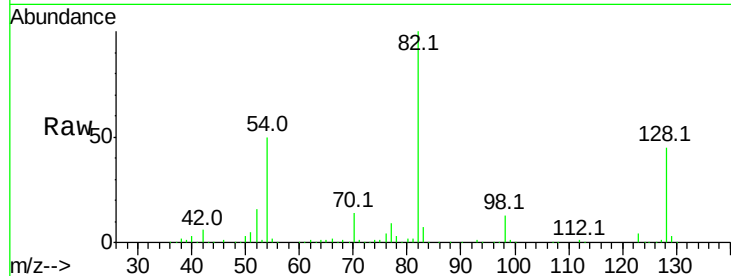


#23
 Nitrobenzene-d5
 Concen: 149.765 ng
 RT: 7.54 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

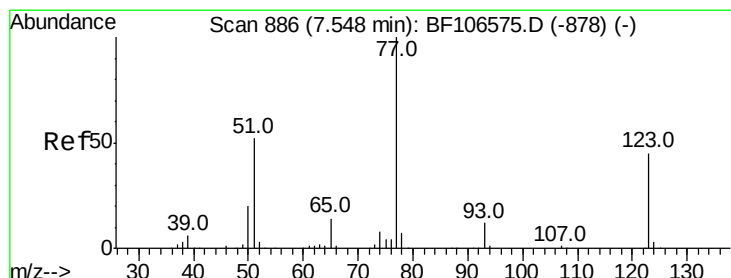
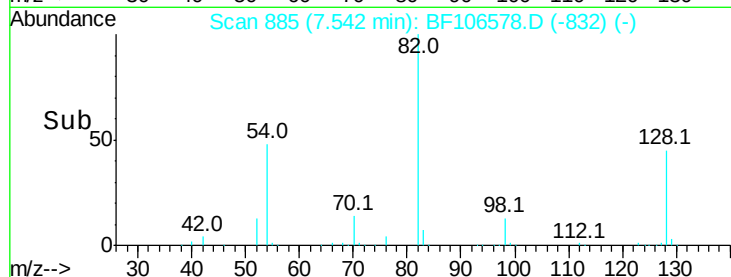
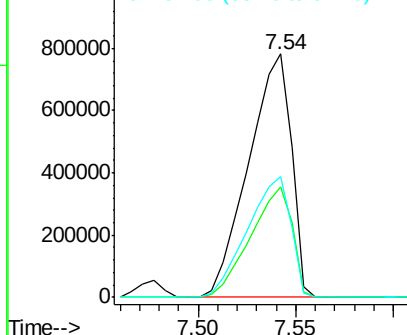
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1189244

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	49.7	41.4	62.2



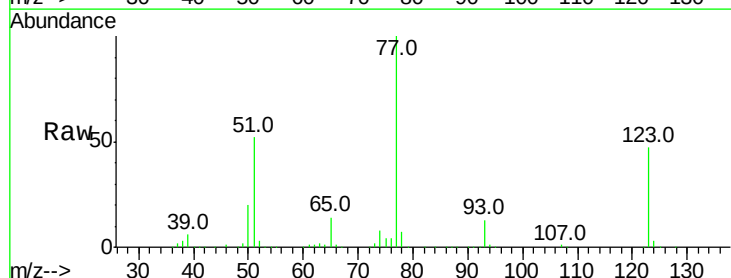
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



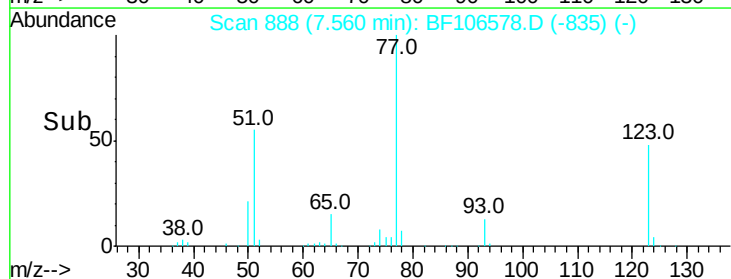
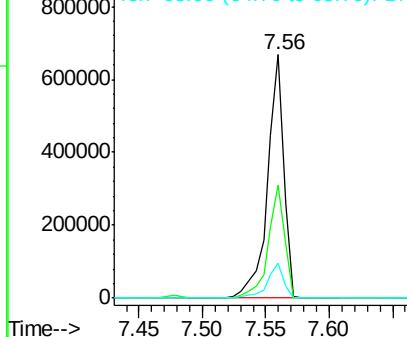
#24
 Nitrobenzene
 Concen: 68.940 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

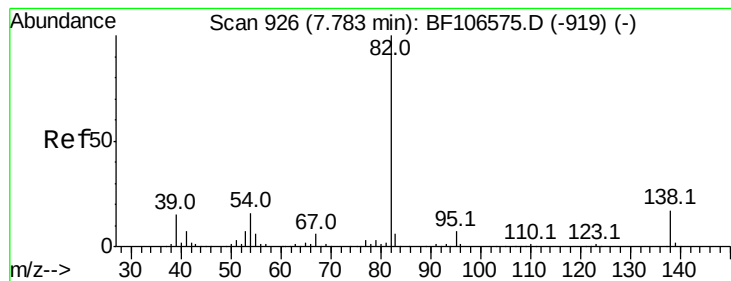
Tgt Ion: 77 Resp: 595011

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	14.4	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: 73.207 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

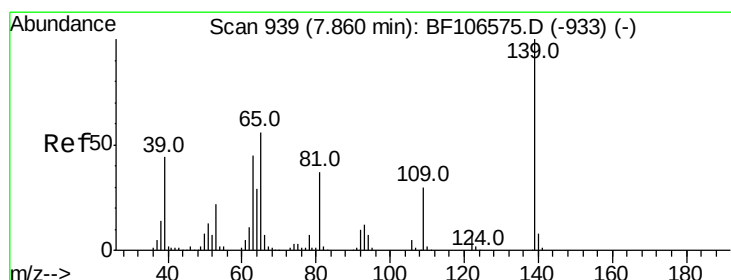
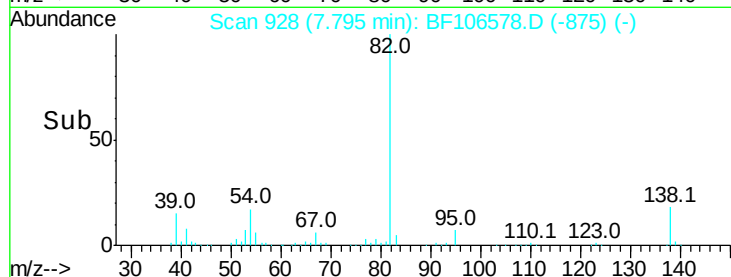
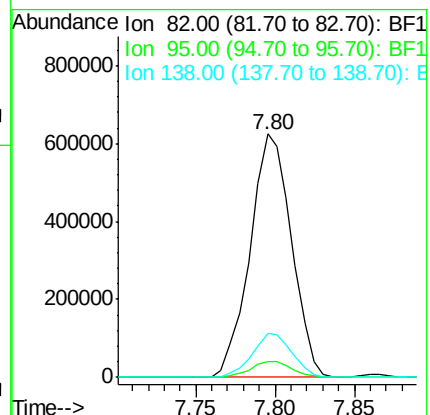
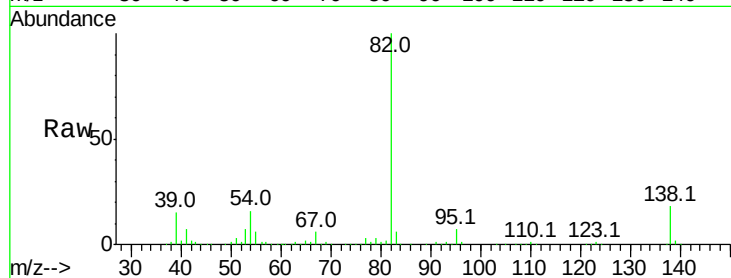
Tot Ion: 82 Resp: 1135455

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 92.903 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

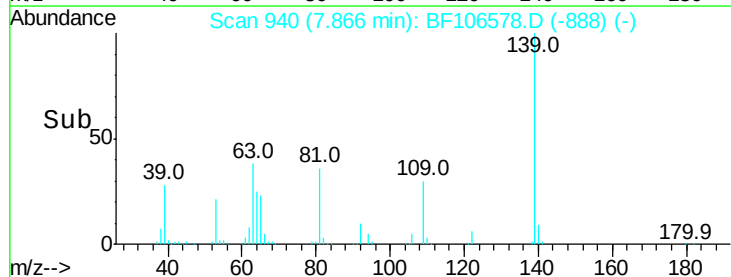
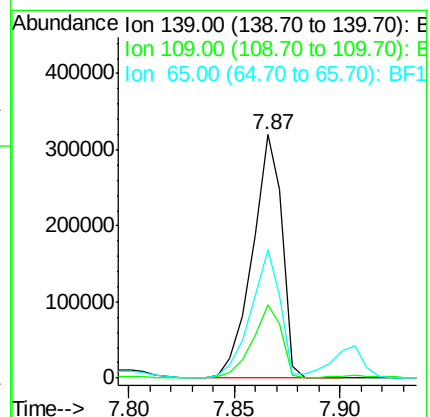
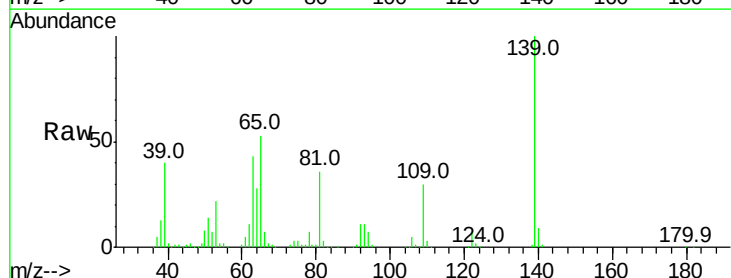
Tgt Ion: 139 Resp: 311230

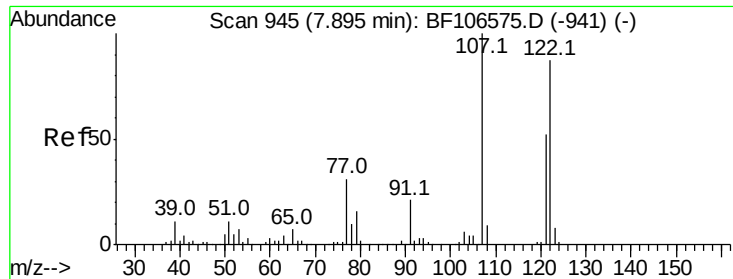
Ion Ratio Lower Upper

139 100

109 30.1 22.7 34.1

65 52.7 40.5 60.7

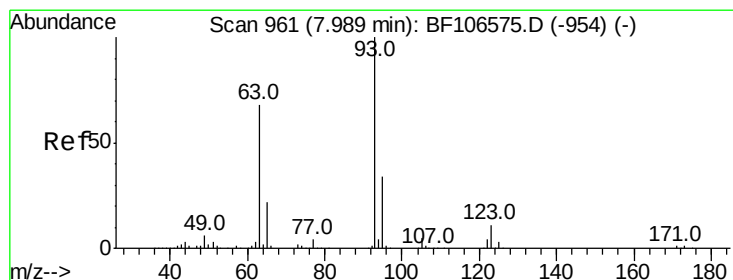
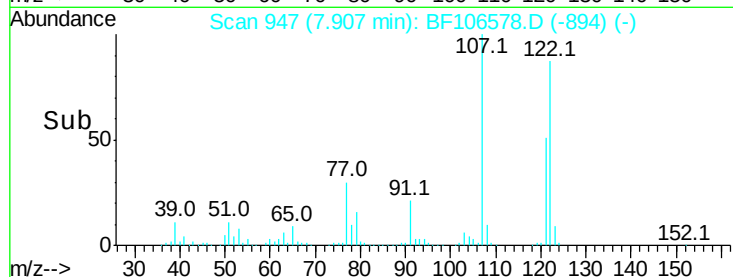
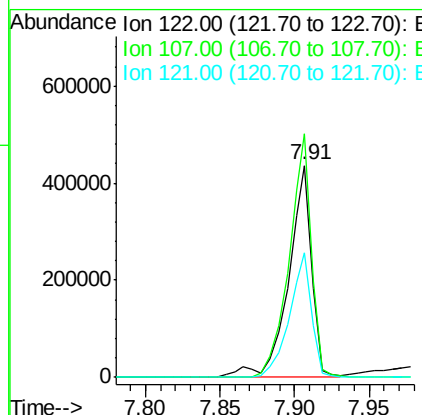
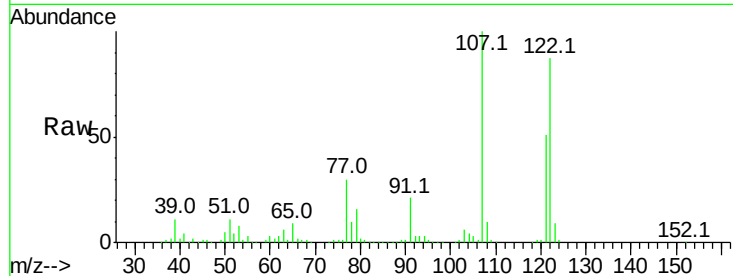




#27
 2,4-Dimethylphenol
 Concen: 72.686 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

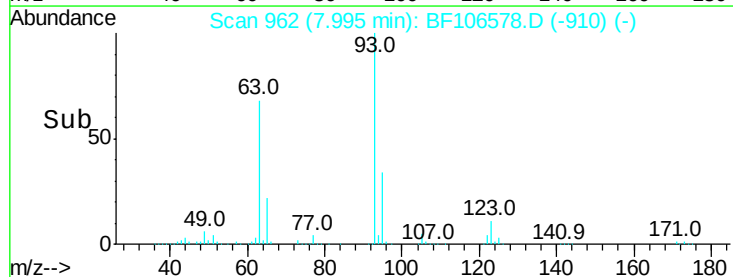
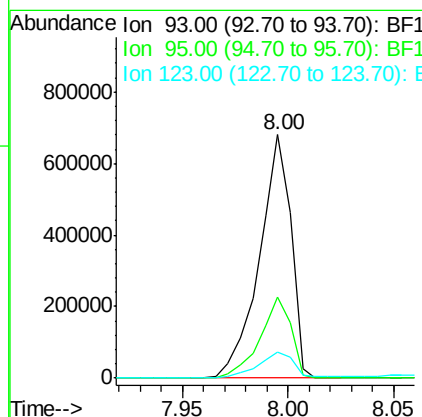
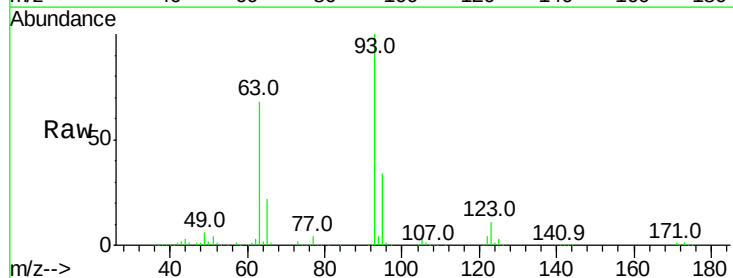
Instrument :
 BNA_F
 ClientSampleId :

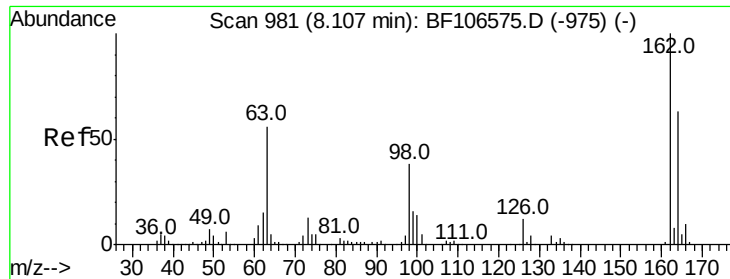
Tot Ion:122 Resp: 477268
 Ion Ratio Lower Upper
 122 100
 107 115.0 91.2 136.8
 121 58.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 70.490 ng
 RT: 8.00 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion: 93 Resp: 708917
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 10.9 9.8 14.6

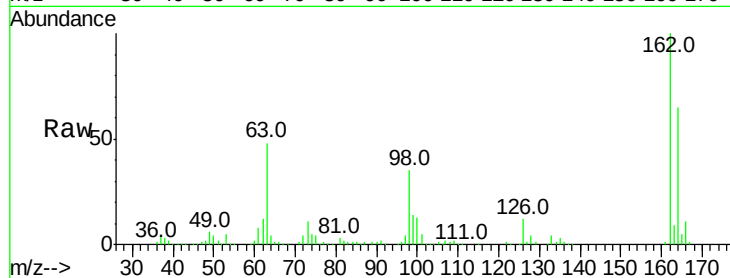




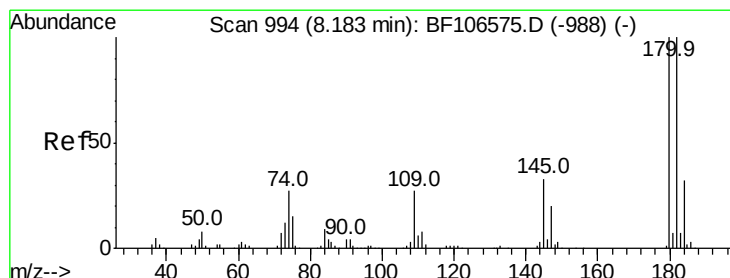
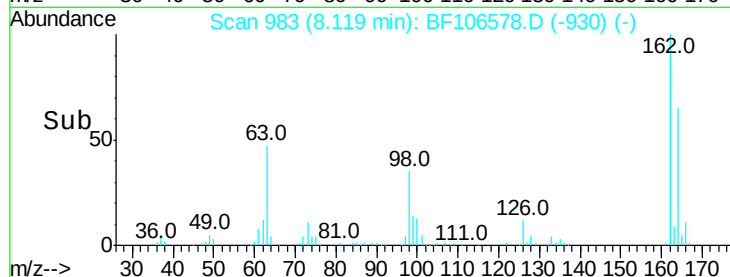
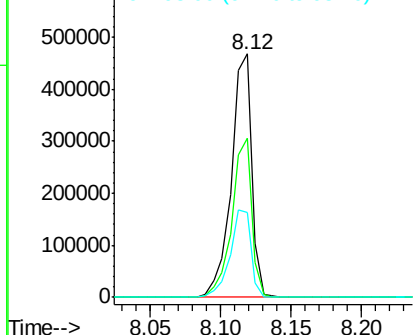
#29
 2,4-Dichlorophenol
 Concen: 74.097 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	35.1	18.1	58.1

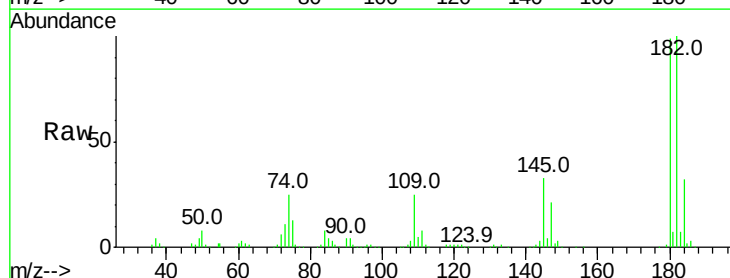


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

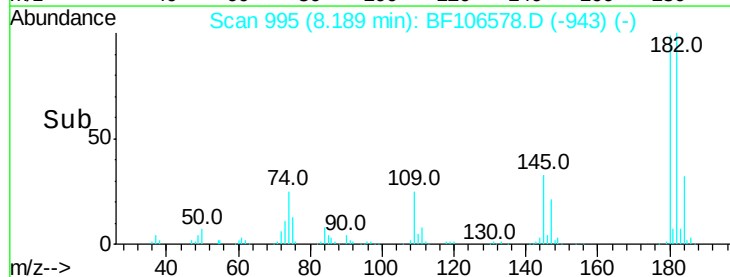
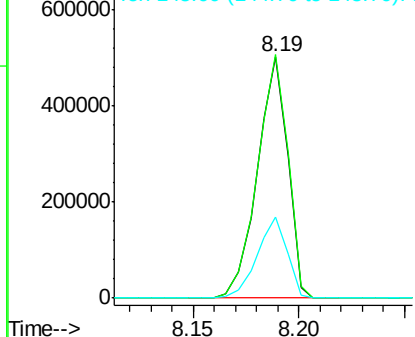


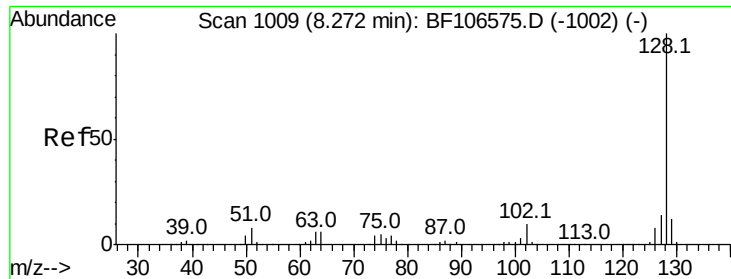
#30
 1,2,4-Trichlorobenzene
 Concen: 70.639 ng
 RT: 8.19 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.8	115.2
145	33.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

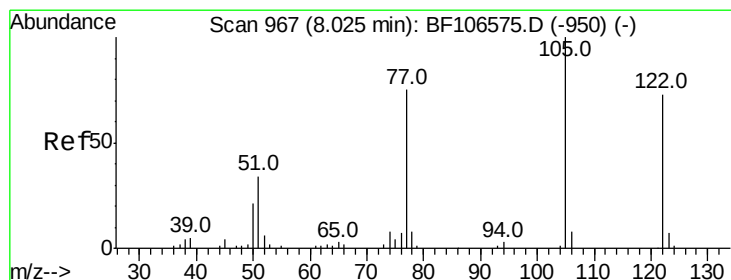
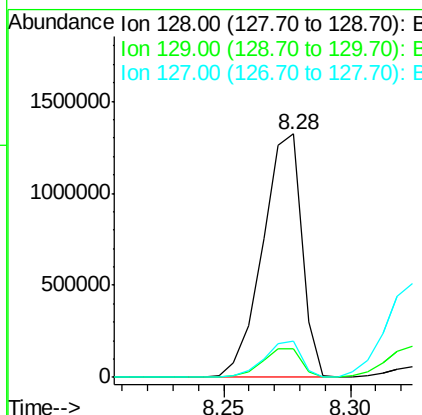
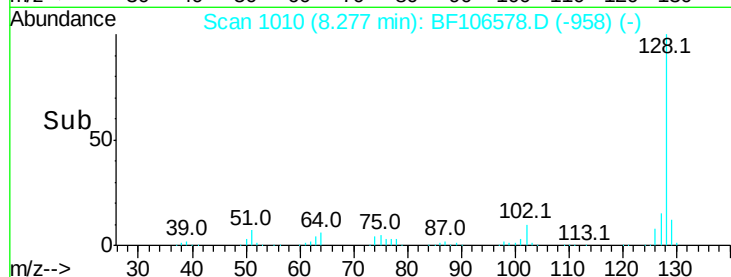
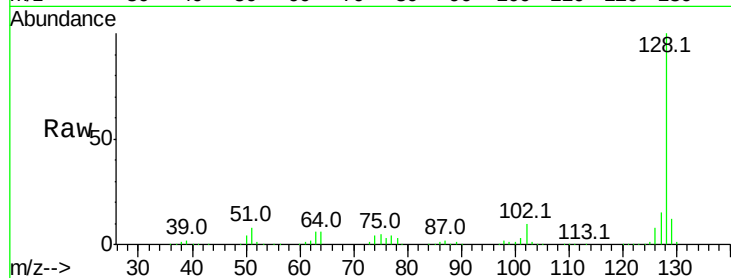




#31
Naphthalene
Concen: 67.084 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

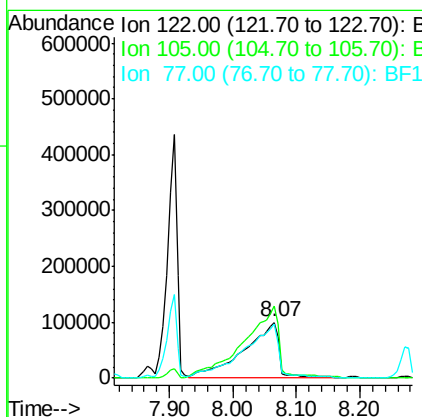
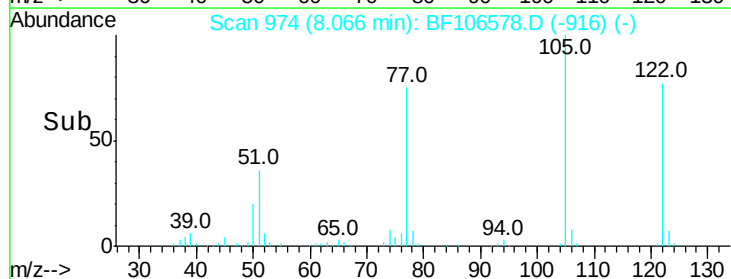
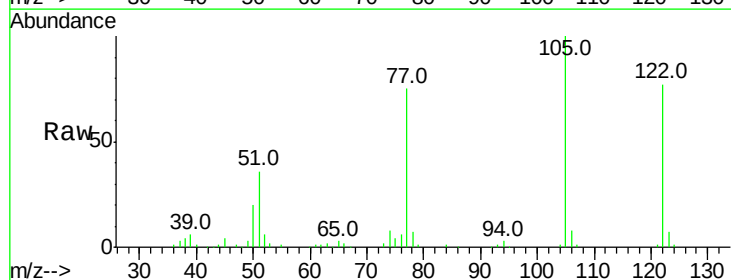
Instrument :
BNA_F
ClientSampleId :

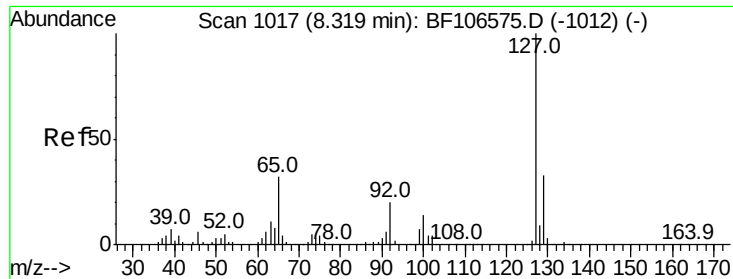
Tot Ion:128 Resp: 1416627
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.7 10.9 16.3



#32
Benzoic acid
Concen: 87.279 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.04 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:122 Resp: 380417
Ion Ratio Lower Upper
122 100
105 129.8 101.1 141.1
77 97.7 70.7 110.7

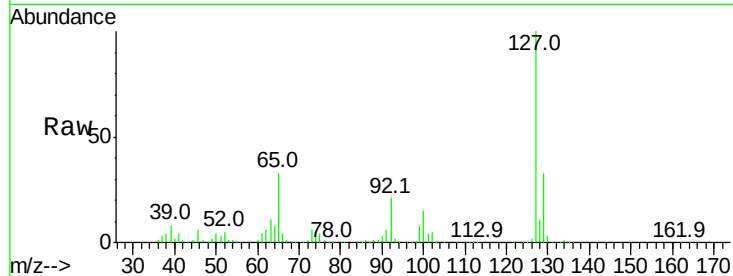




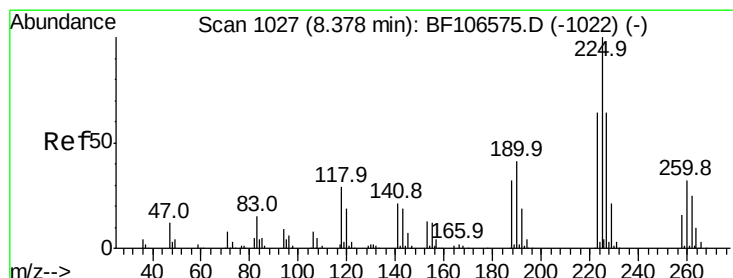
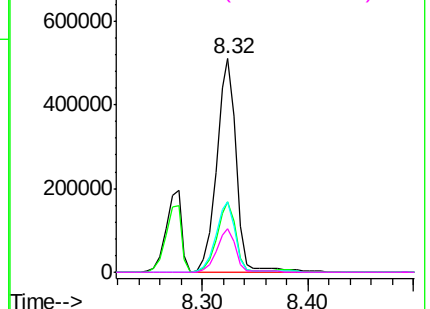
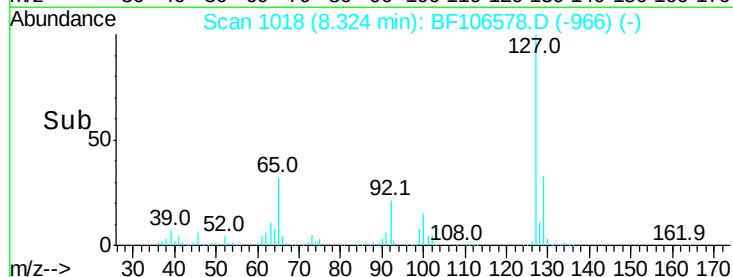
#33
 4-Chloroaniline
 Concen: 71.270 ng
 RT: 8.32 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127 Resp: 666971
 Ion Ratio Lower Upper
 127 100
 129 33.1 25.9 38.9
 65 32.9 25.0 37.4
 92 20.6 15.2 22.8

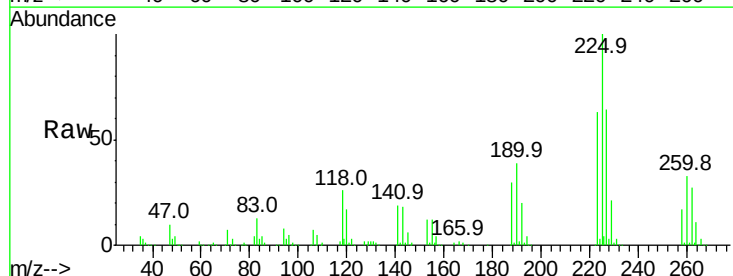


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

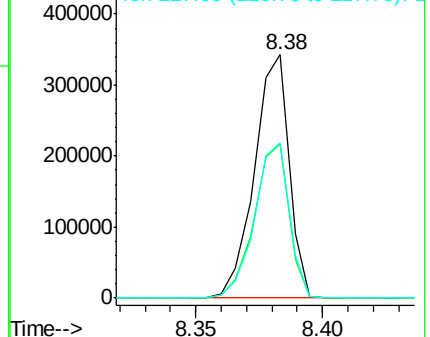
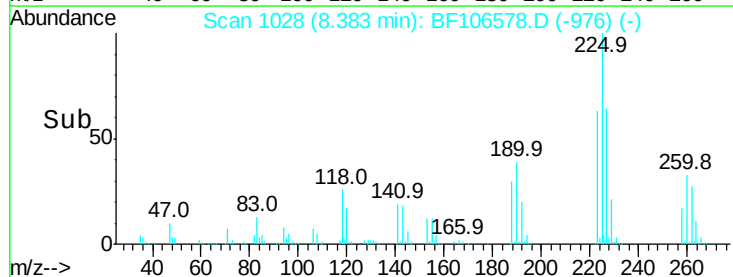


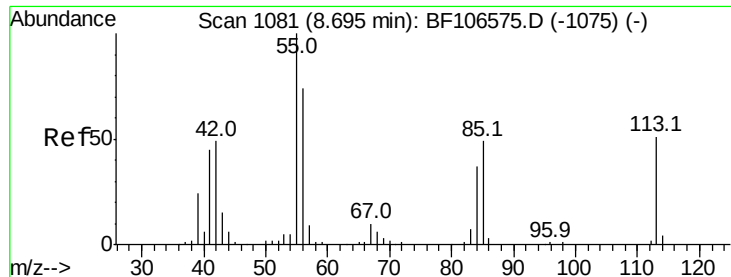
#34
 Hexachlorobutadiene
 Concen: 71.940 ng
 RT: 8.38 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:225 Resp: 328269
 Ion Ratio Lower Upper
 225 100
 223 63.3 50.6 76.0
 227 63.8 51.9 77.9



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

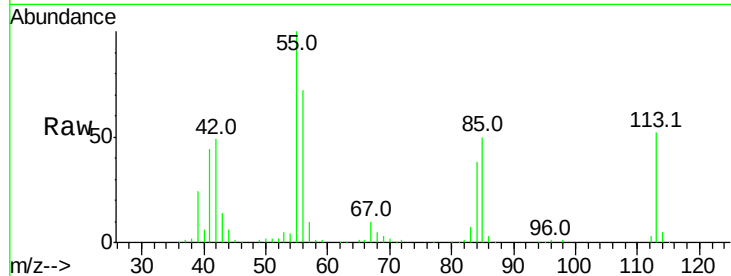




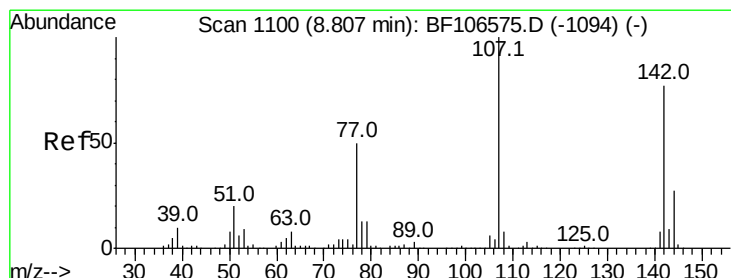
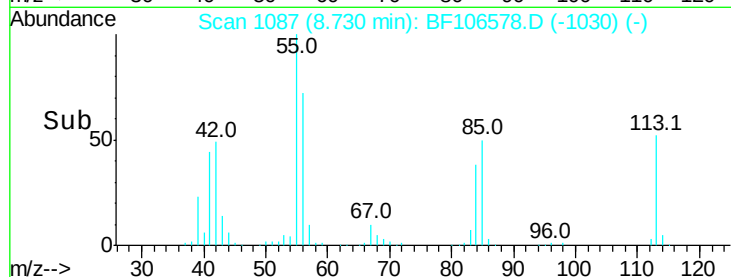
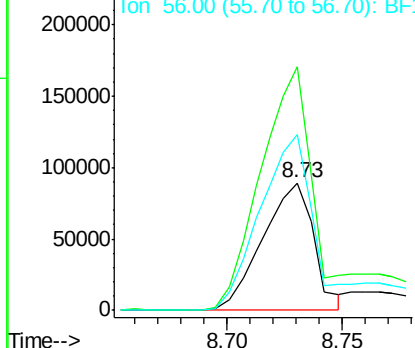
#35
Caprolactam
Concen: 64.027 ng
RT: 8.73 min Scan# 1087
Delta R.T. 0.04 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 137188
Ion Ratio Lower Upper
113 100
55 191.4 163.3 203.3
56 138.6 115.7 155.7

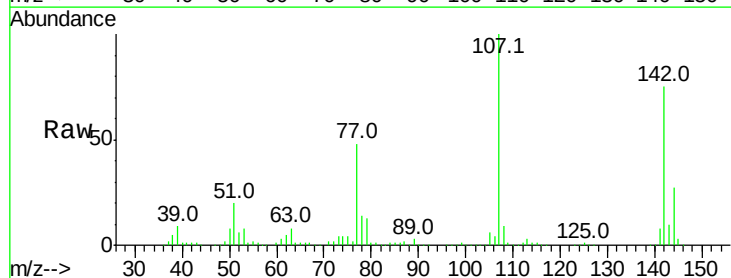


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

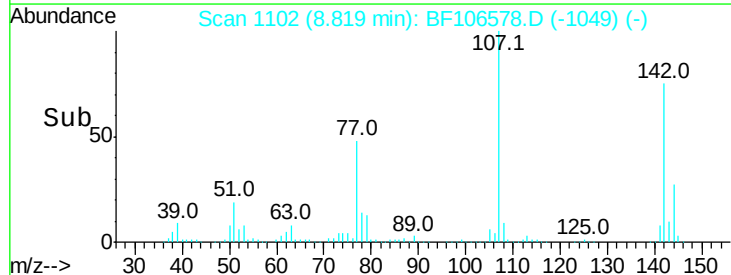
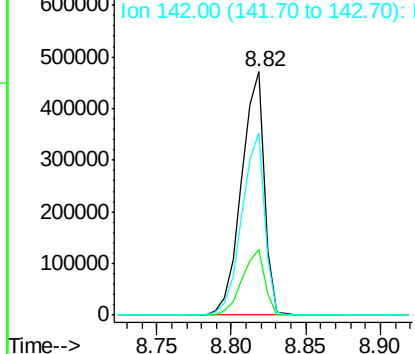


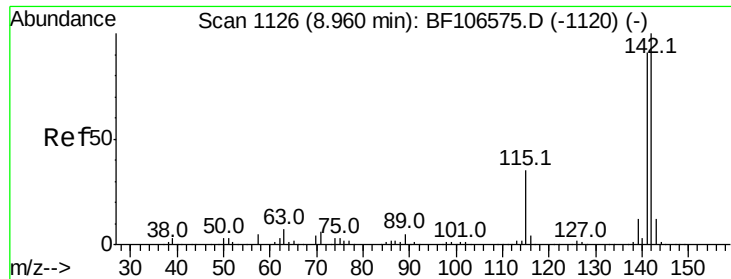
#36
4-Chloro-3-methylphenol
Concen: 71.467 ng
RT: 8.82 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:107 Resp: 500781
Ion Ratio Lower Upper
107 100
144 27.2 20.5 30.7
142 74.7 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

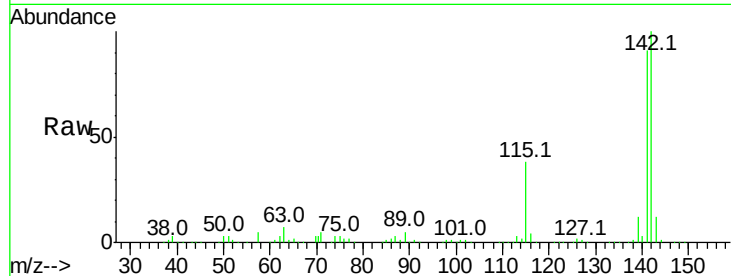




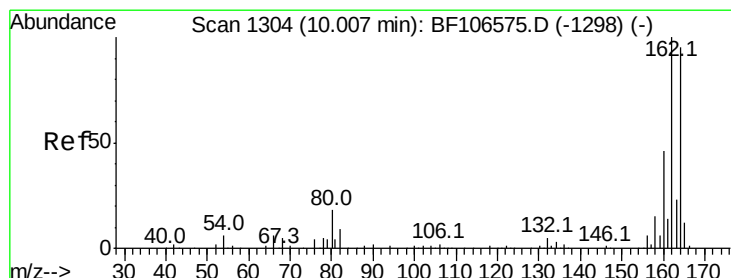
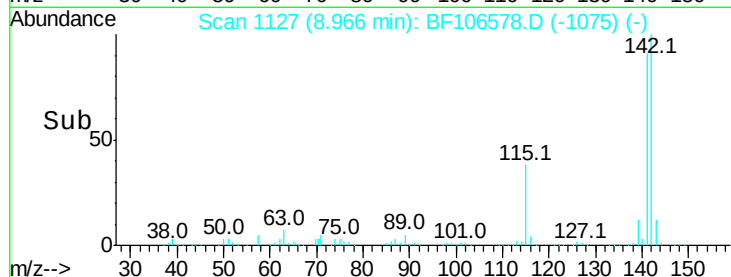
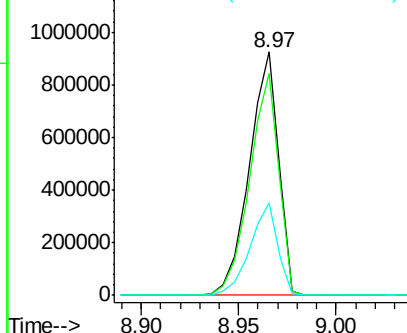
#37
2-Methylnaphthalene
Concen: 66.460 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	38.0	26.1	39.1

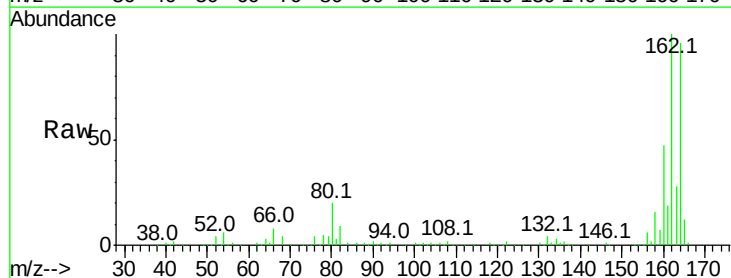


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

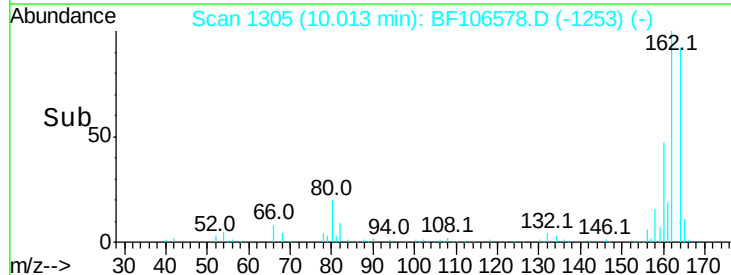
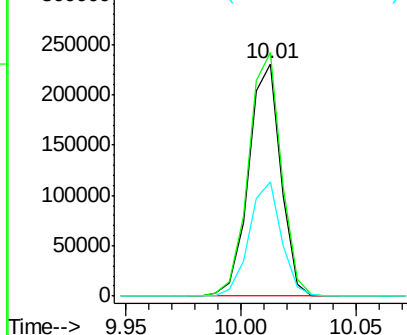


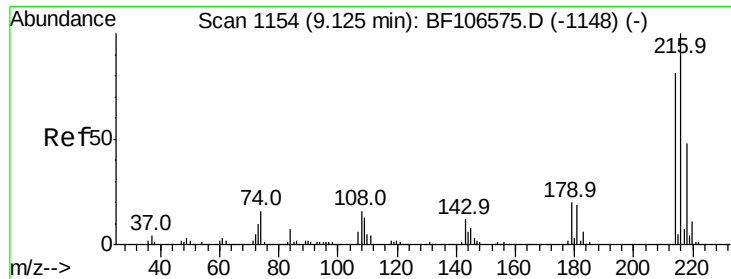
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	49.1	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

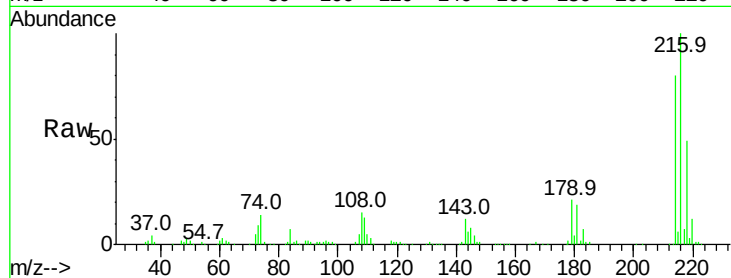




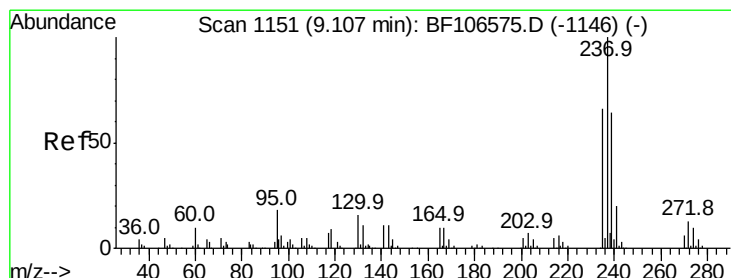
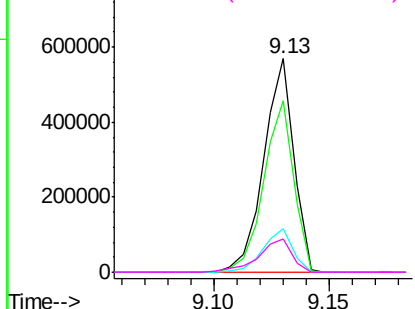
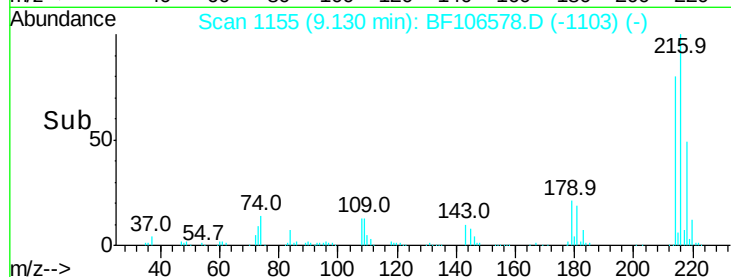
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 70.456 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	513552
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	20.1	18.1	27.1
108	17.6	17.2	25.8

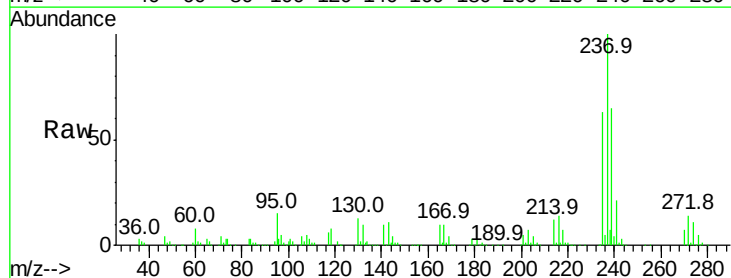


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

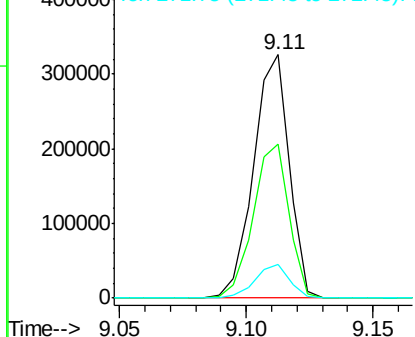
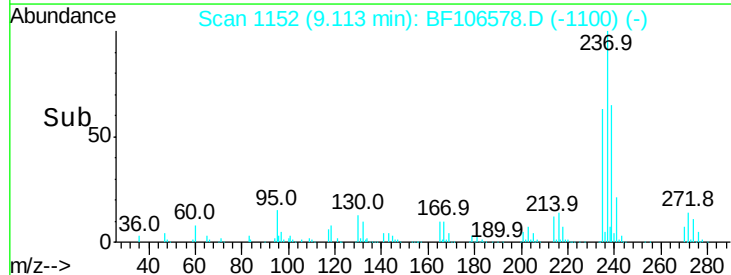


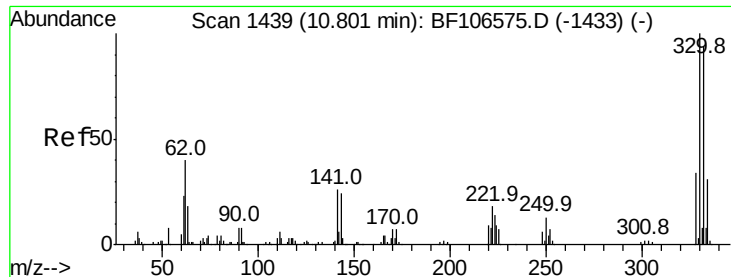
#40
 Hexachlorocyclopentadiene
 Concen: 79.584 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:	237	Resp:	320048
Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.8	84.8
272	13.8	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

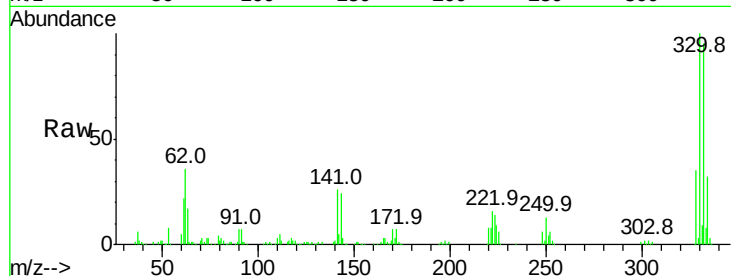




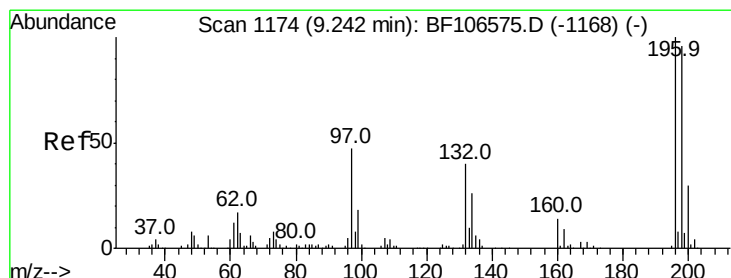
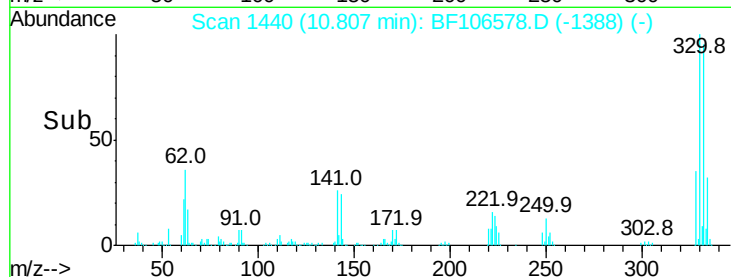
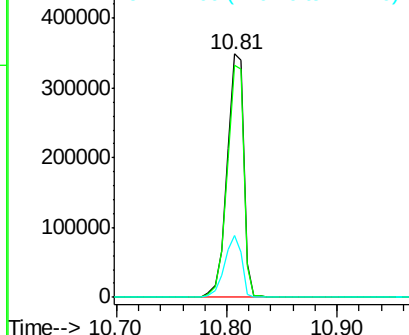
#41
 2,4,6-Tribromophenol
 Concen: 171.897 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 371363
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 26.0 29.9 44.9#

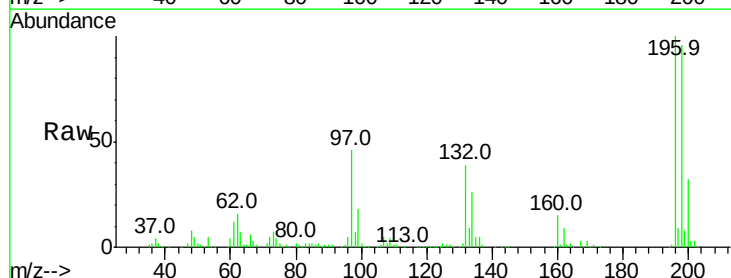


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

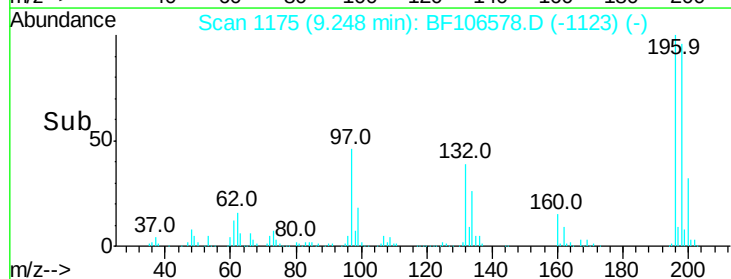
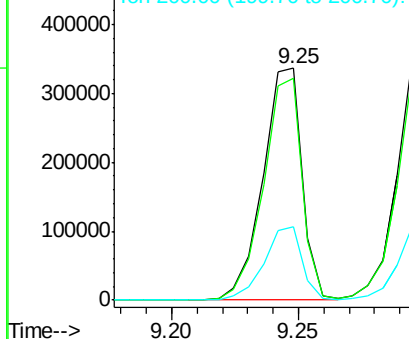


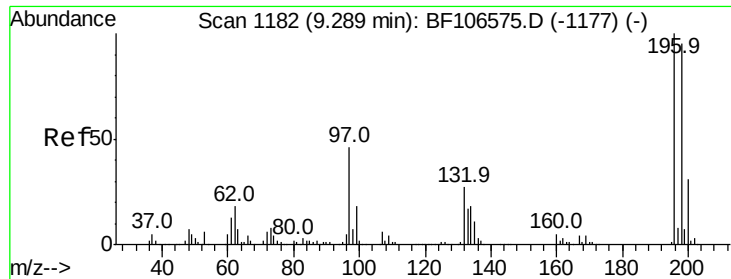
#42
 2,4,6-Trichlorophenol
 Concen: 78.582 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:196 Resp: 365021
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 31.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

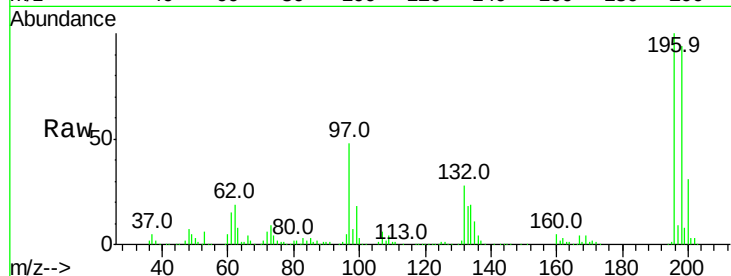




#43
 2,4,5-Trichlorophenol
 Concen: 76.088 ng
 RT: 9.29 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	47.8	42.9	64.3
132	28.4	26.3	39.5



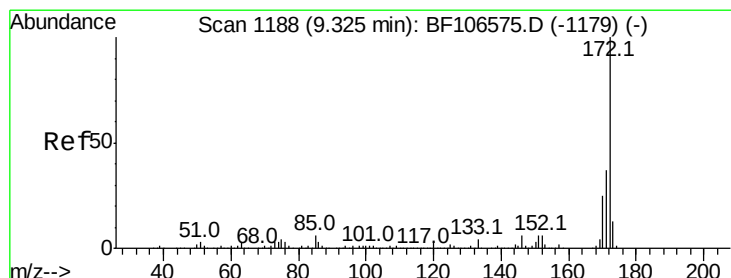
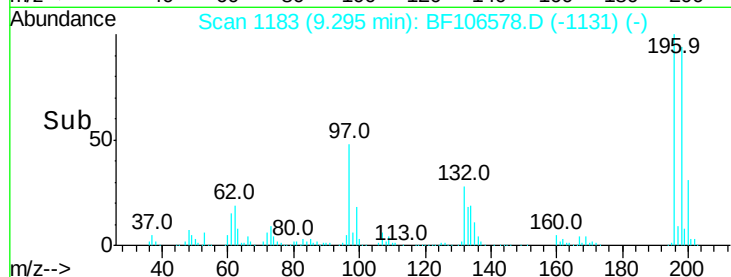
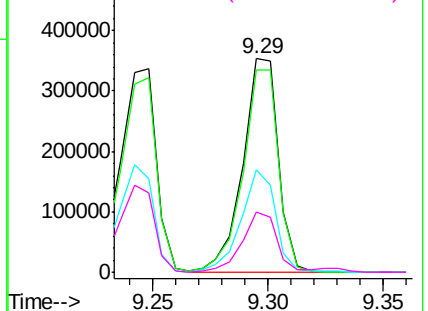
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

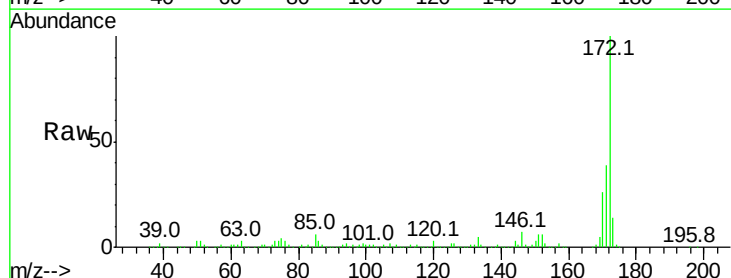
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 126.597 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.4	19.6	29.4

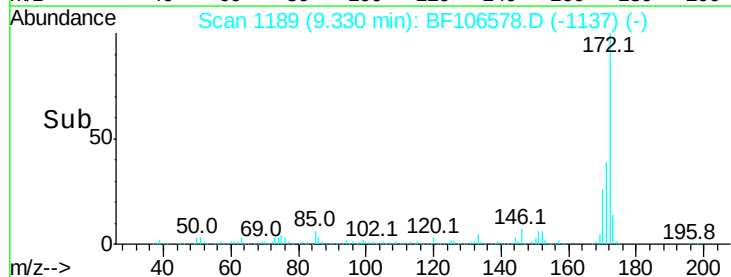
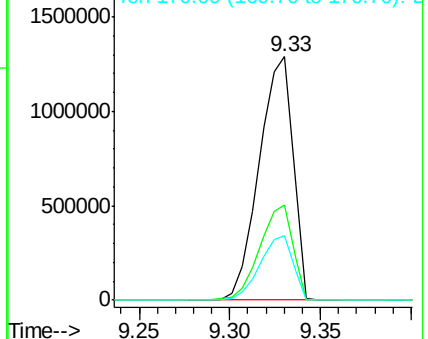


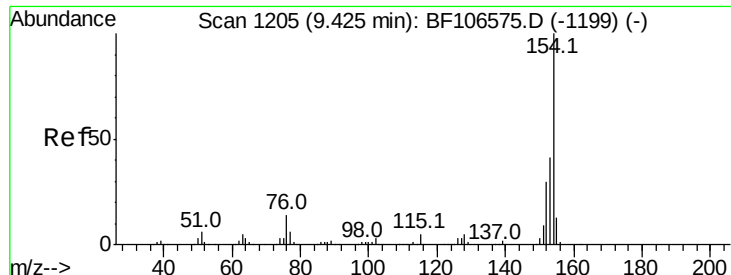
Abundance

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: 66.552 ng

RT: 9.43 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampled :

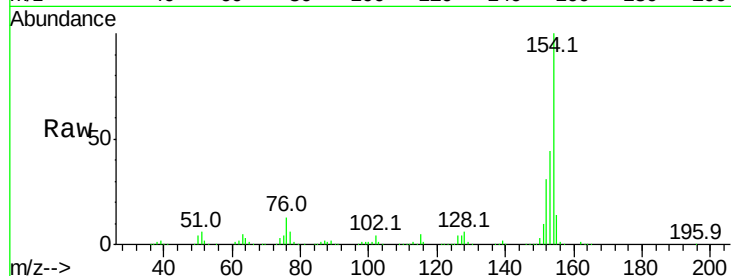
Tot Ion:154 Resp: 1157412

Ion Ratio Lower Upper

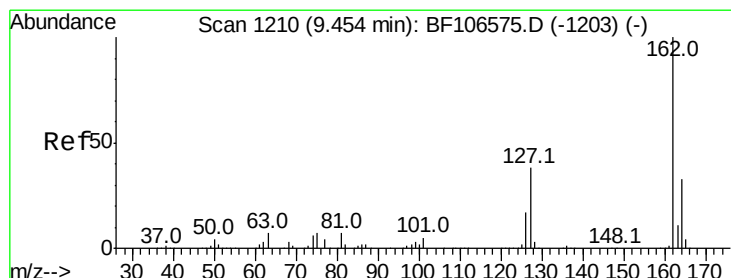
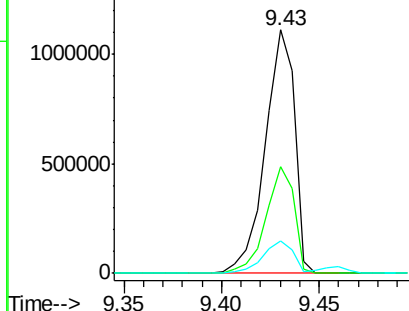
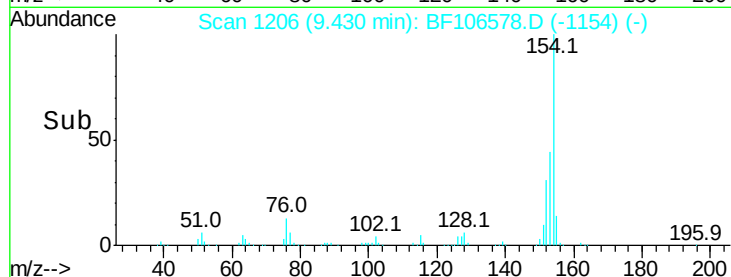
154 100

153 43.8 21.3 61.3

76 13.4 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 68.263 ng

RT: 9.46 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

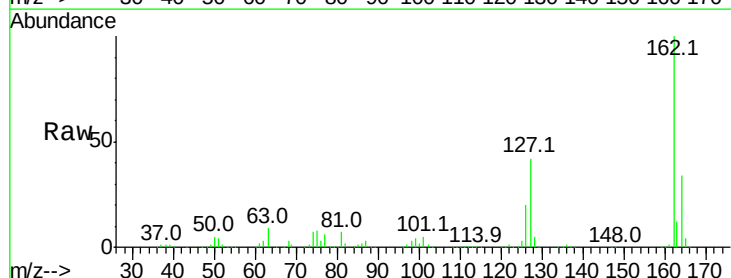
Tgt Ion:162 Resp: 950050

Ion Ratio Lower Upper

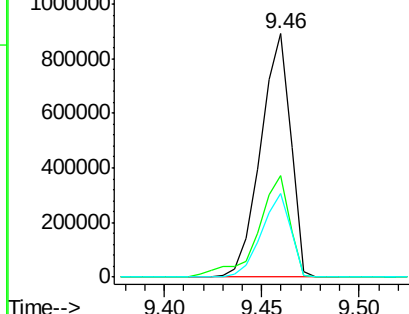
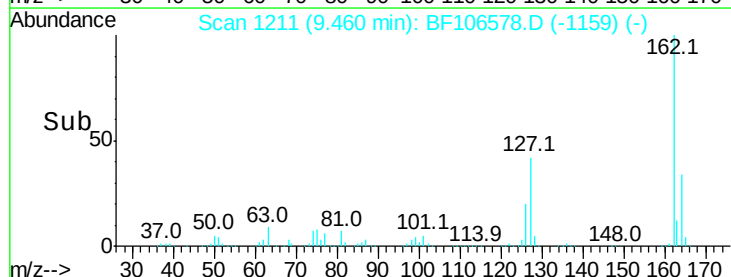
162 100

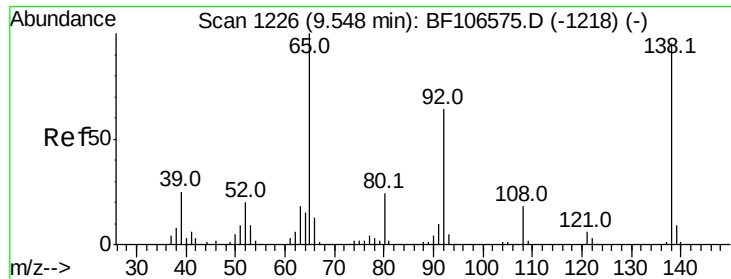
127 41.5 33.9 50.9

164 34.3 26.5 39.7



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

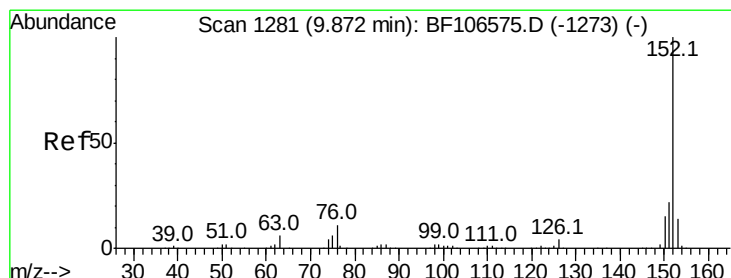
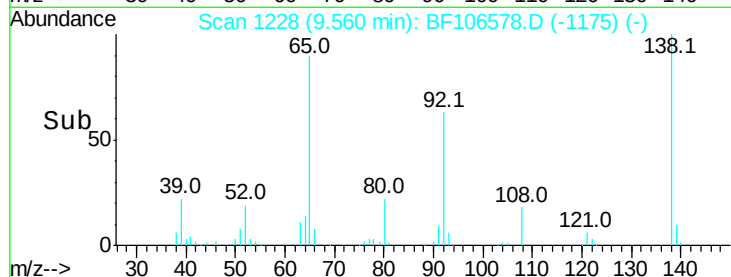
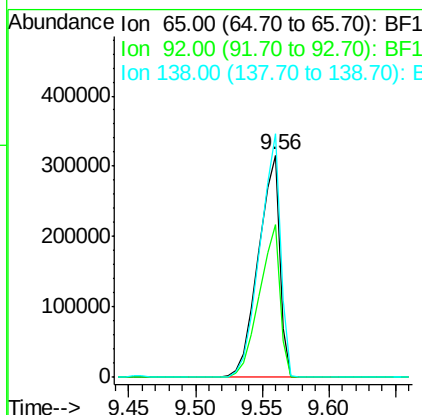
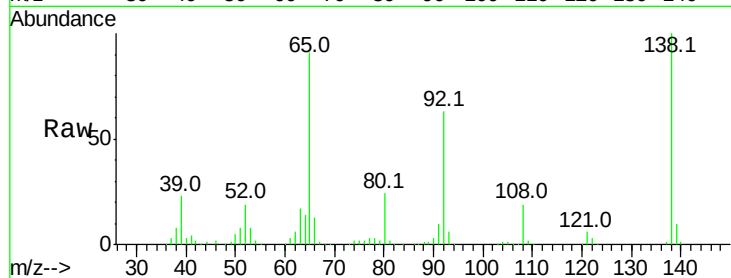




#47
2-Nitroaniline
Concen: 79.223 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

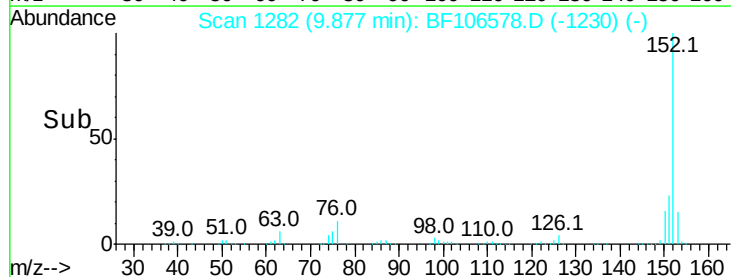
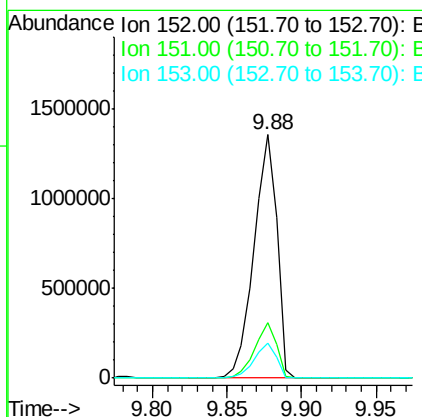
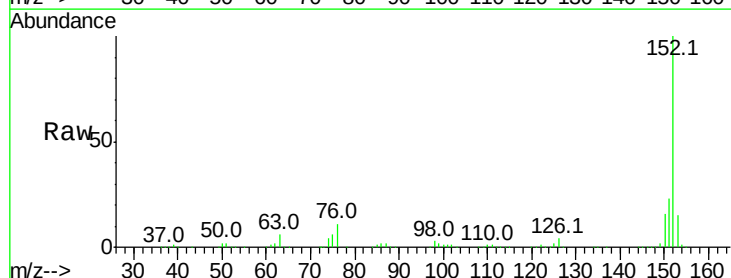
Instrument :
BNA_F
ClientSampleId :

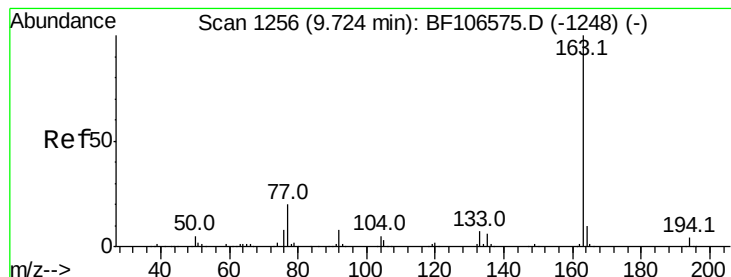
Tot Ion: 65 Resp: 346855
Ion Ratio Lower Upper
65 100
92 68.7 55.8 83.6
138 109.7 91.2 136.8



#48
Acenaphthylene
Concen: 67.038 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:152 Resp: 1428084
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 14.5 10.7 16.1





#49

Dimethylphthalate

Concen: 77.024 ng

RT: 9.74 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

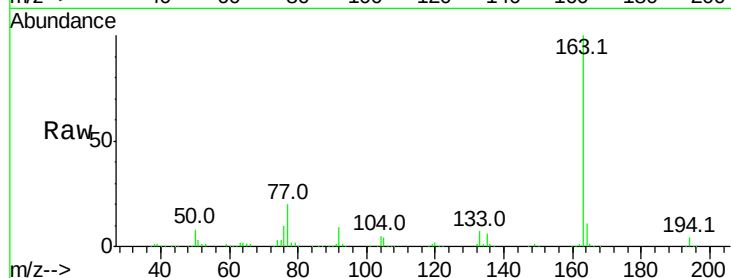
Tot Ion:163 Resp: 1235586

Ion Ratio Lower Upper

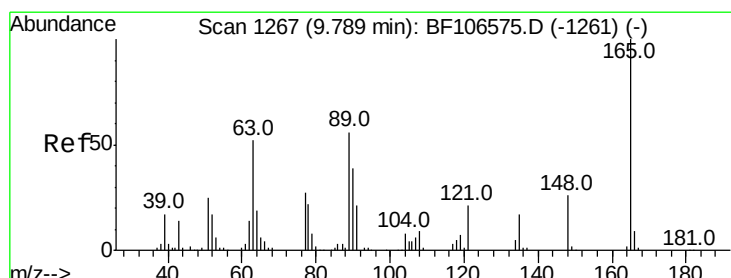
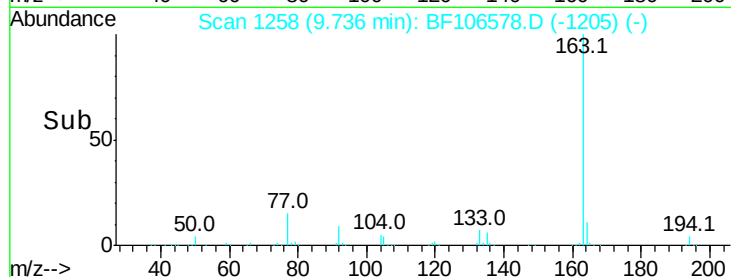
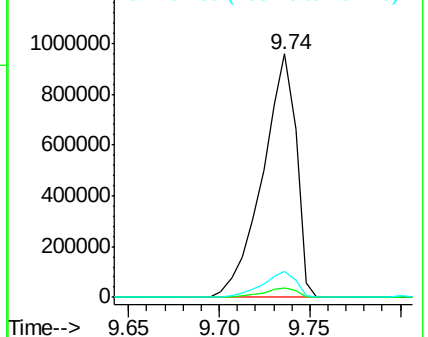
163 100

194 4.0 2.7 4.1

164 10.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 80.513 ng

RT: 9.80 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

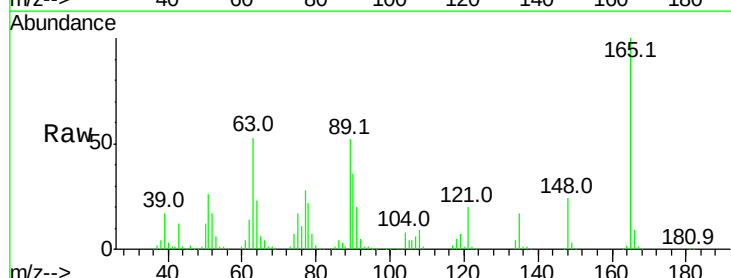
Tgt Ion:165 Resp: 263821

Ion Ratio Lower Upper

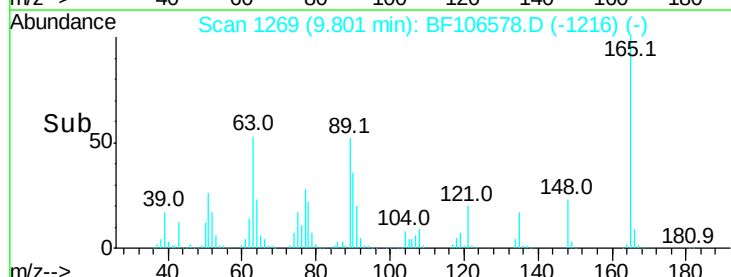
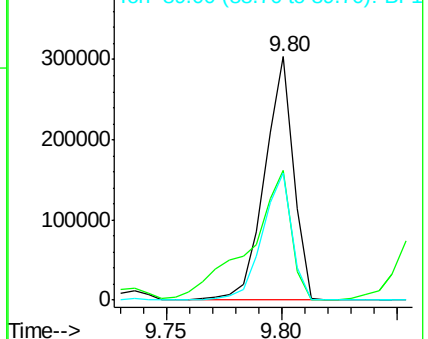
165 100

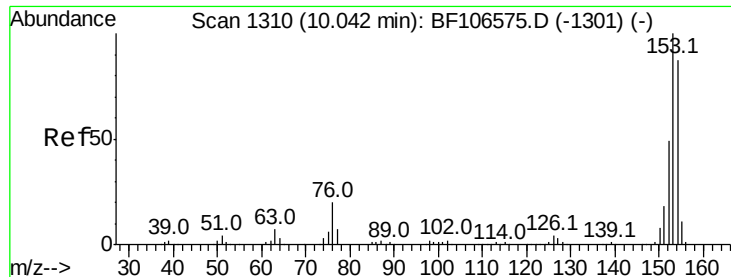
63 53.1 44.7 67.1

89 52.4 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: 64.136 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampled :

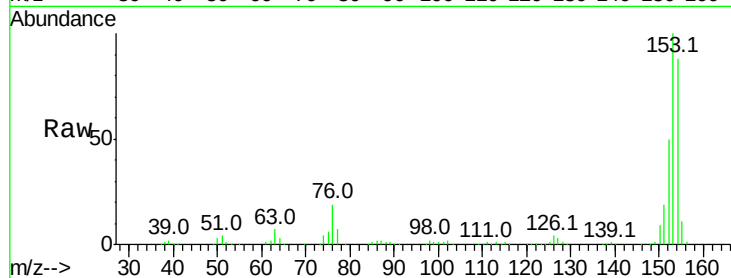
Tot Ion:154 Resp: 882336

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

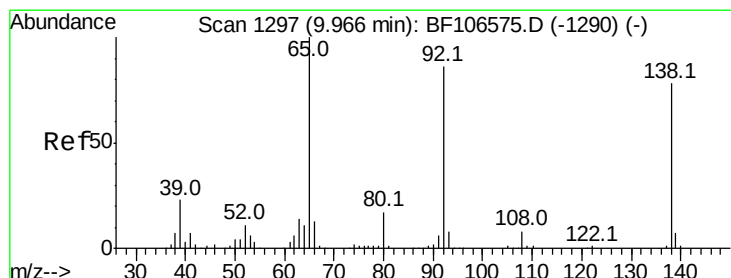
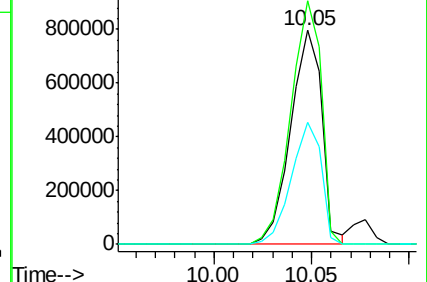
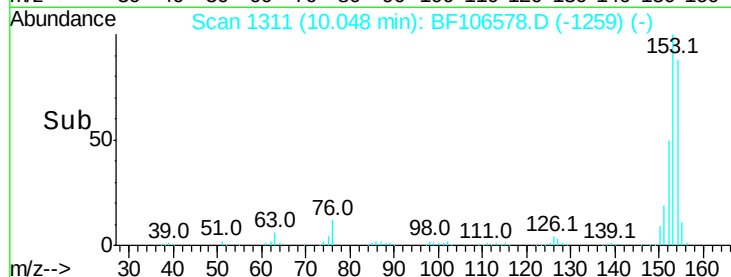
152 56.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 79.239 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

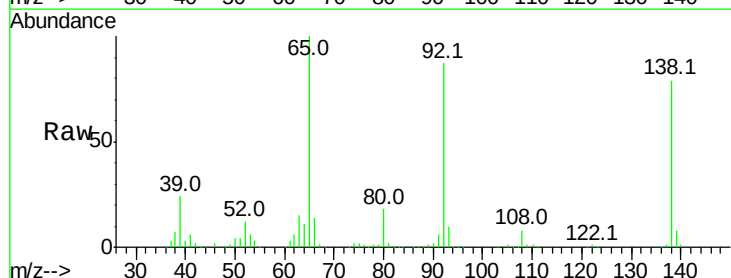
Tgt Ion:138 Resp: 308169

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

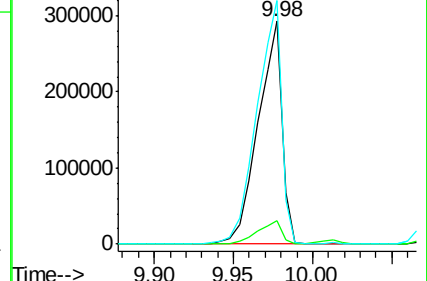
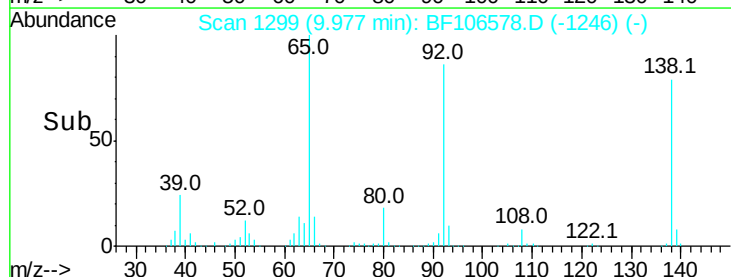
92 109.4 89.4 134.2

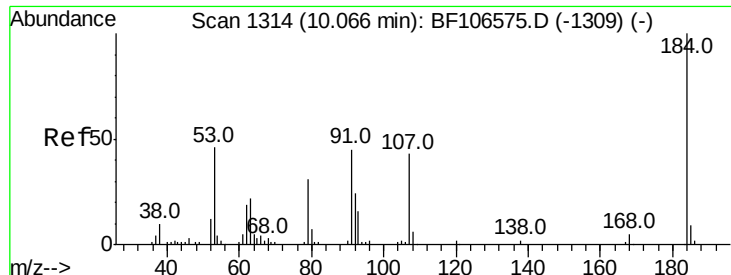


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

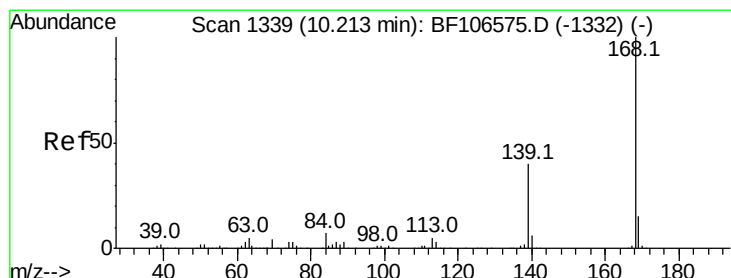
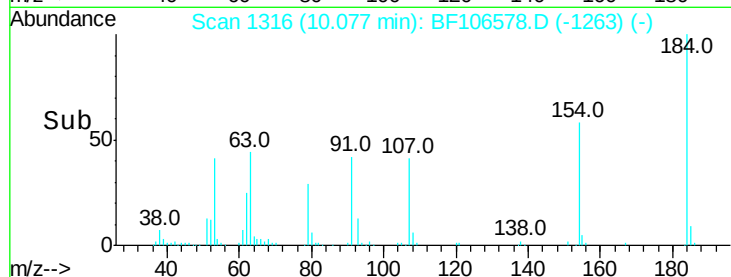
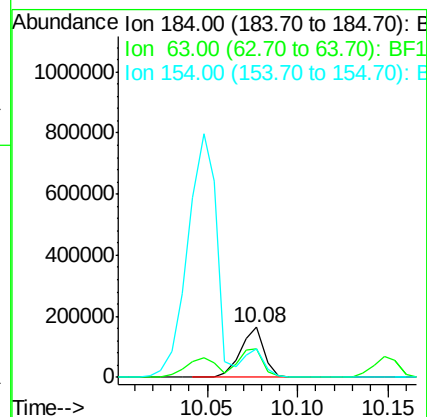
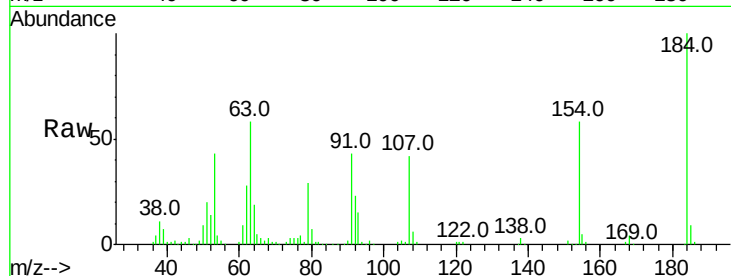




#53
 2,4-Dinitrophenol
 Concen: 122.659 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

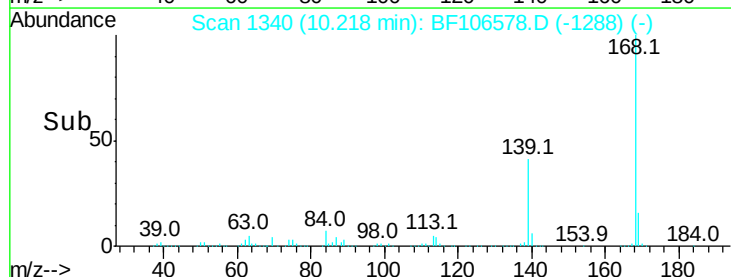
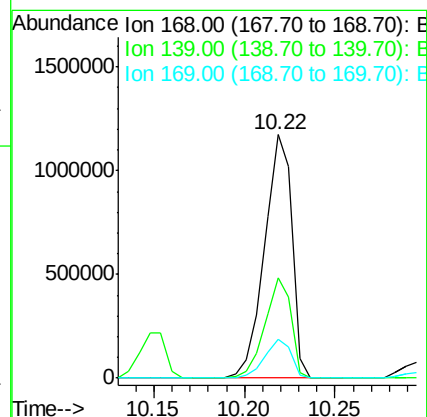
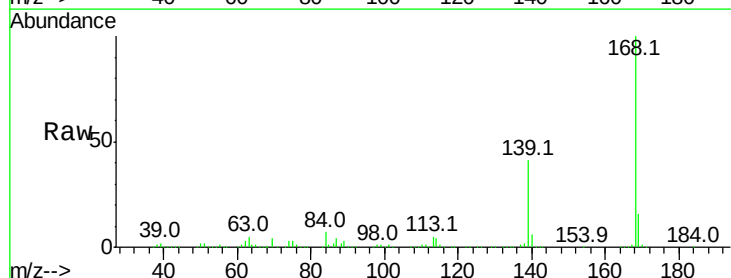
Instrument :
 BNA_F
 ClientSampleId :

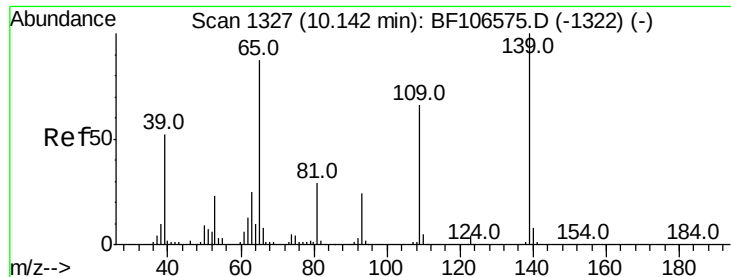
Tot Ion:184 Resp: 148576
 Ion Ratio Lower Upper
 184 100
 63 57.8 54.2 81.2
 154 57.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 66.418 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:168 Resp: 1230421
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.1 45.1
 169 15.9 10.9 16.3

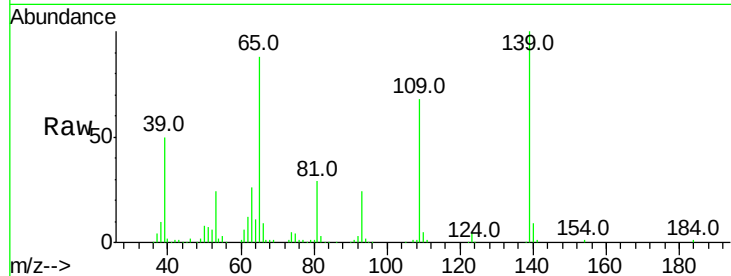




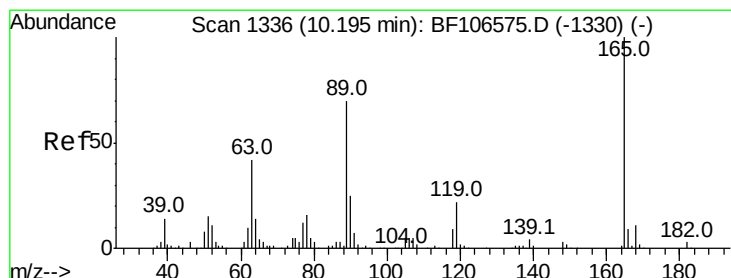
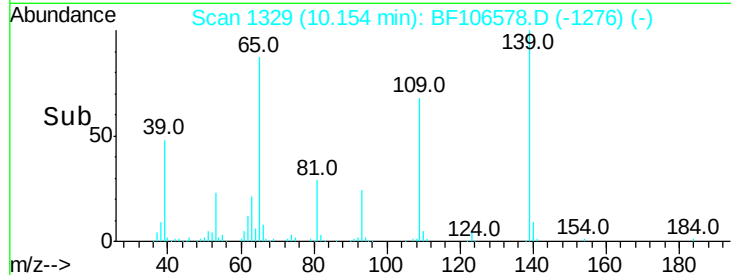
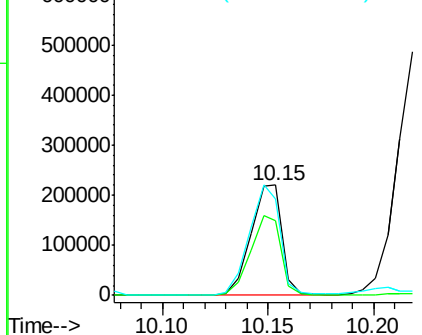
#55
4-Nitrophenol
Concen: 76.158 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 227027
Ion Ratio Lower Upper
139 100
109 68.2 48.4 88.4
65 87.7 72.6 112.6

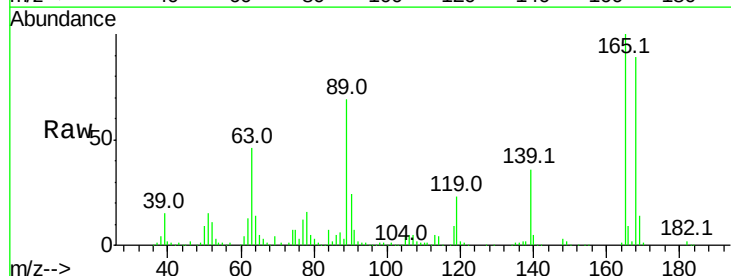


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

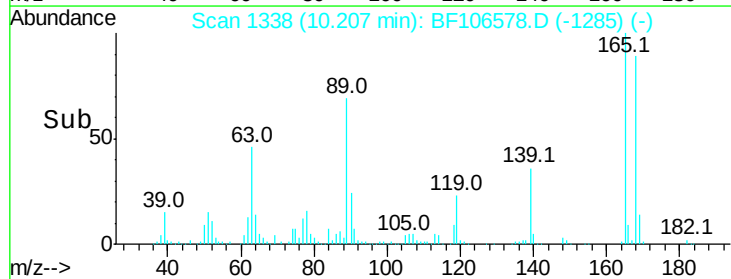
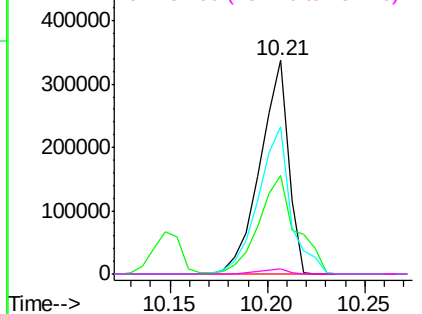


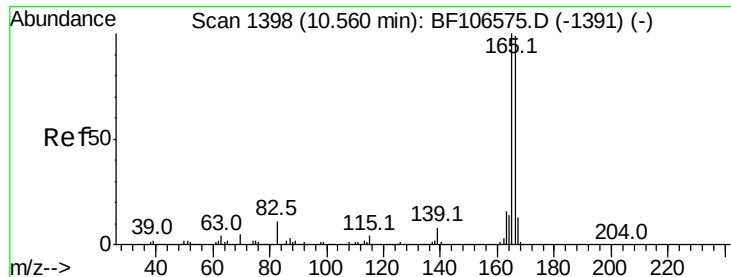
#56
2,4-Dinitrotoluene
Concen: 82.472 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:165 Resp: 339357
Ion Ratio Lower Upper
165 100
63 46.2 36.4 54.6
89 68.9 57.8 86.6
182 2.4 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 64.538 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

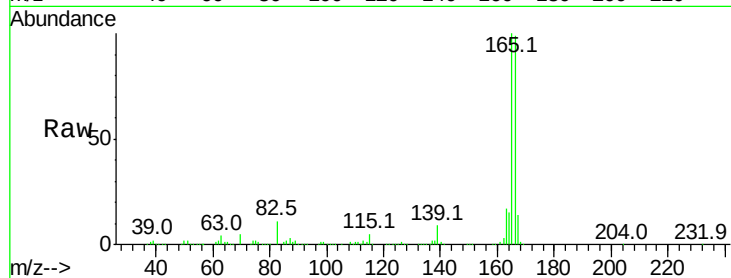
Tot Ion:166 Resp: 947257

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

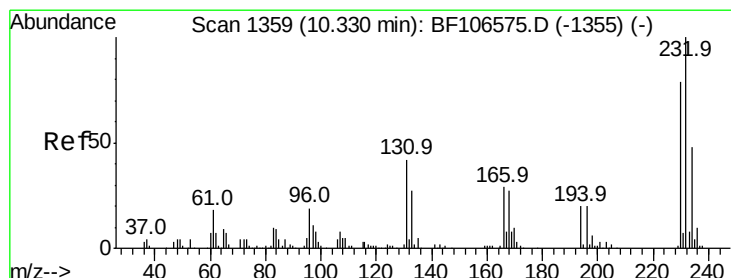
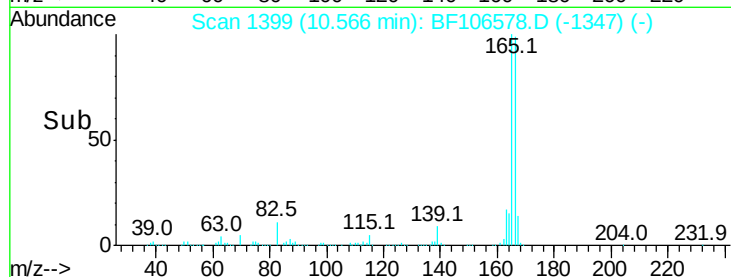
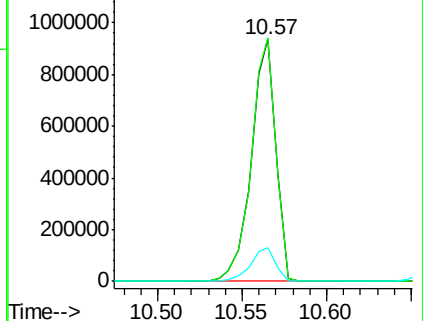
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 78.568 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Tgt Ion:232 Resp: 311829

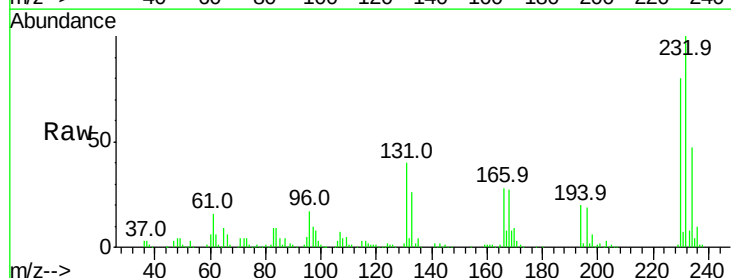
Ion Ratio Lower Upper

232 100

131 39.5 43.8 65.8#

130 1.9 2.1 3.1#

166 27.1 27.8 41.6#

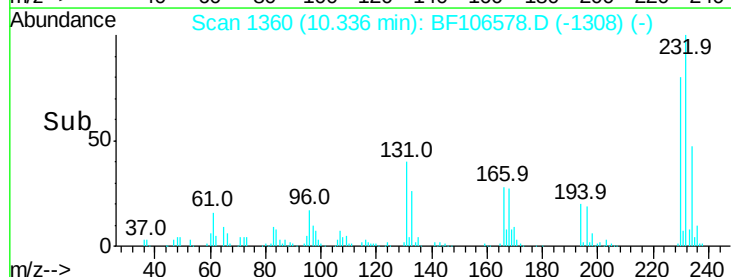
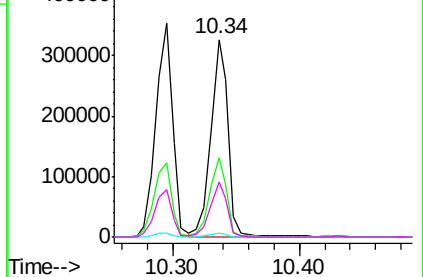


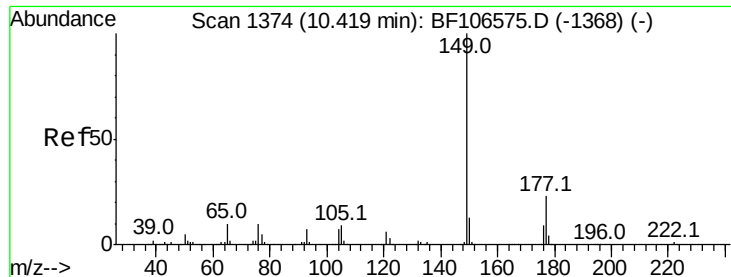
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 69.488 ng

RT: 10.43 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampled :

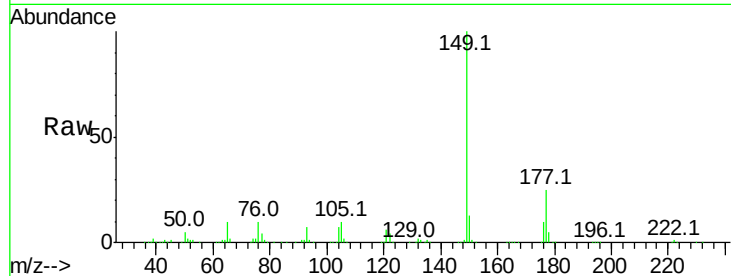
Tot Ion:149 Resp: 1106403

Ion Ratio Lower Upper

149 100

177 24.7 16.1 24.1#

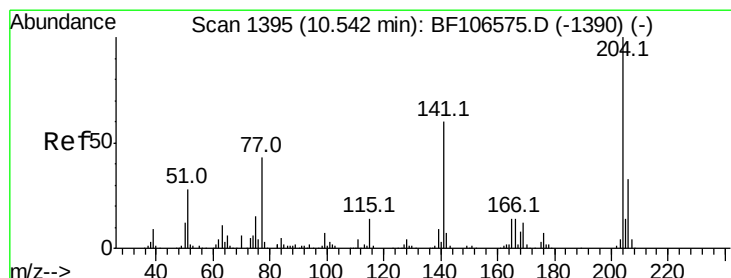
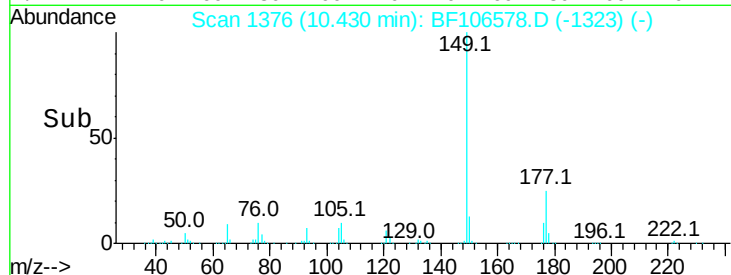
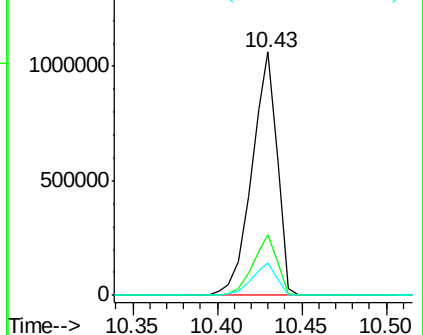
150 13.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 66.091 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

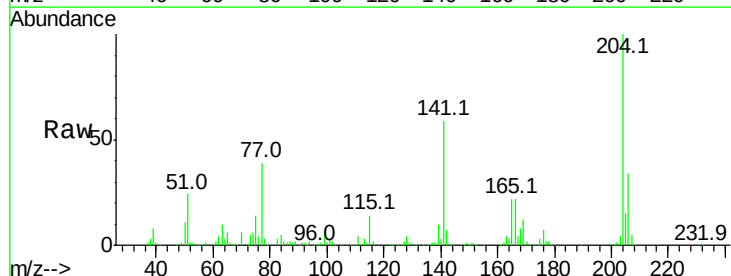
Tgt Ion:204 Resp: 510213

Ion Ratio Lower Upper

204 100

206 33.8 26.5 39.7

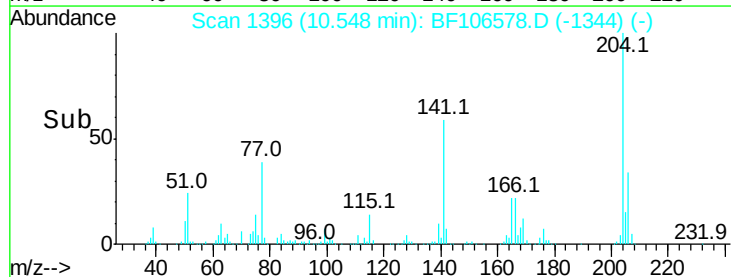
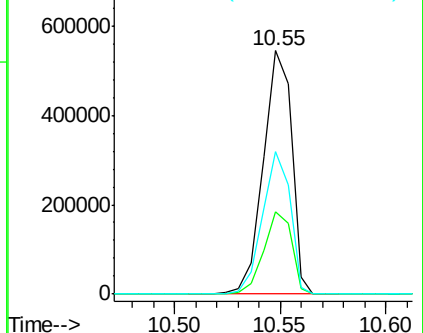
141 58.8 54.6 81.8

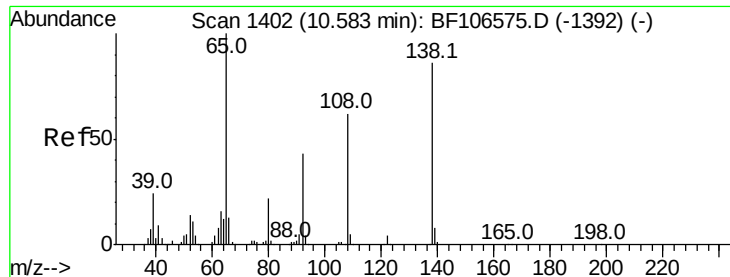


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

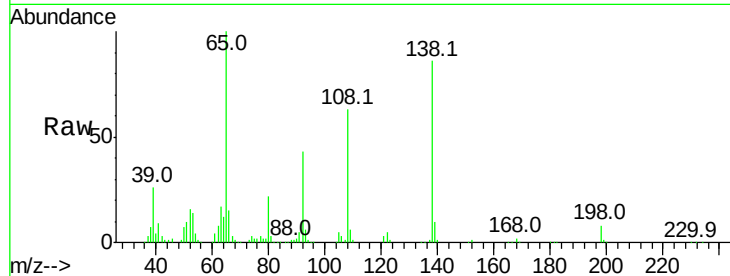




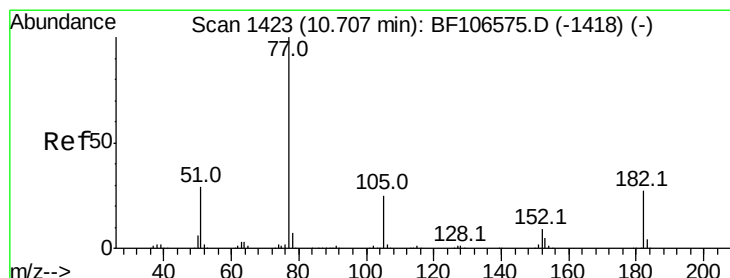
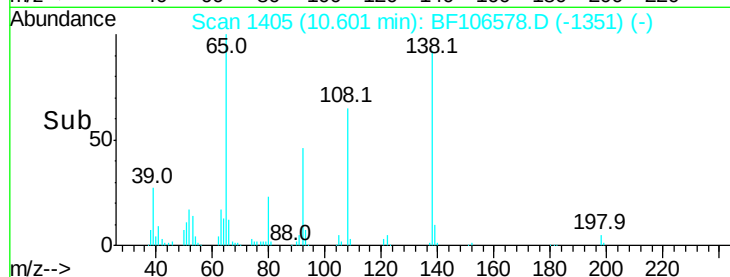
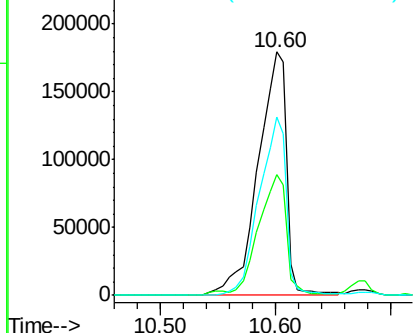
#61
4-Nitroaniline
Concen: 81.544 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.02 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 308553
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 73.3 52.5 92.5

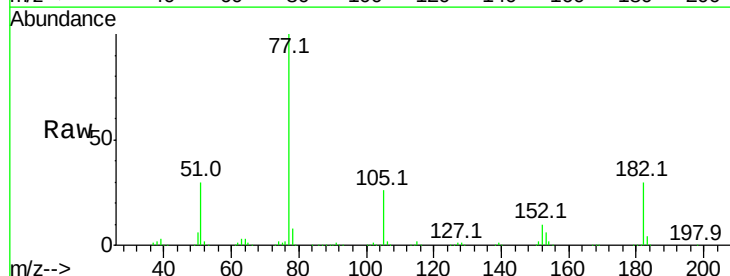


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

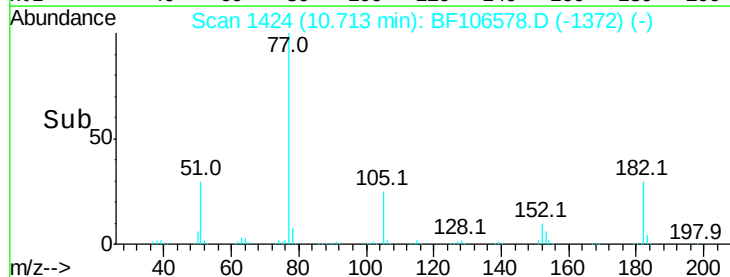
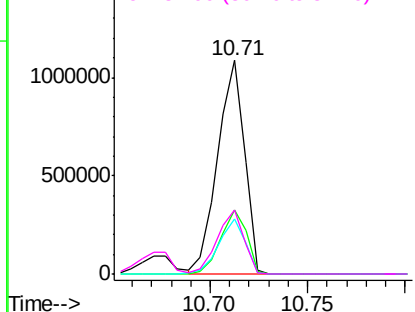


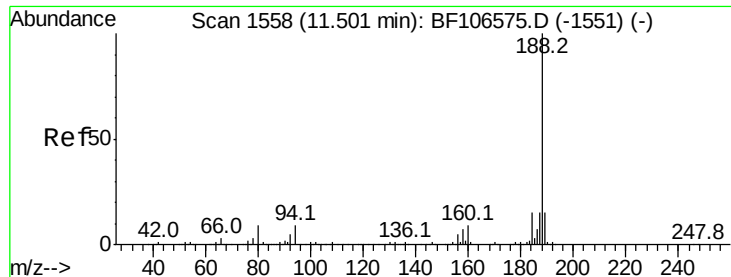
#62
Azobenzene
Concen: 62.524 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion: 77 Resp: 1038051
Ion Ratio Lower Upper
77 100
182 29.7 1.7 41.7
105 25.7 3.0 43.0
51 30.1 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: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

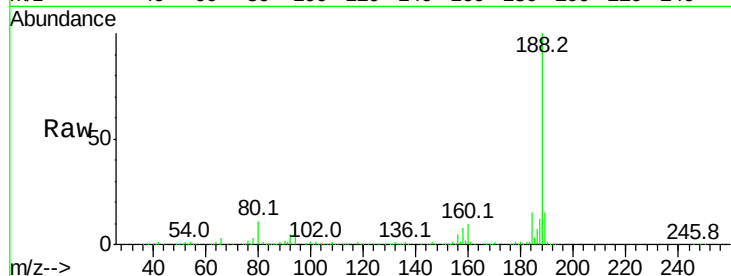
Tot Ion:188 Resp: 442694

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

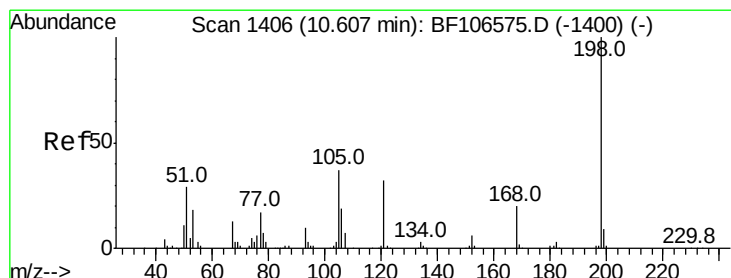
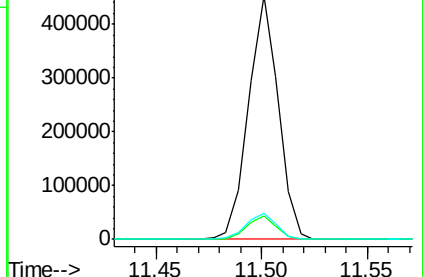
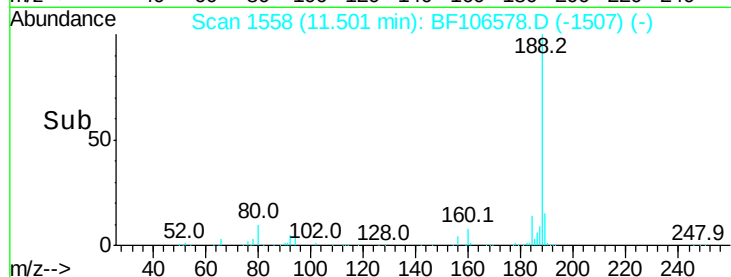
80 10.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 102.771 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

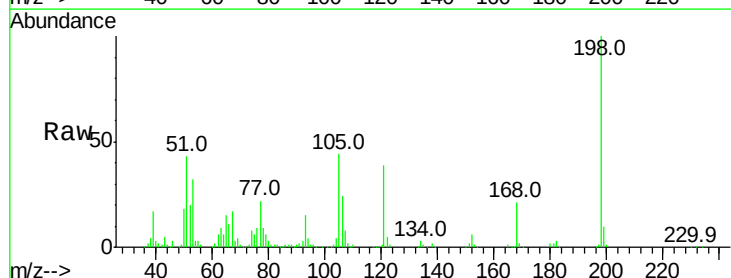
Tgt Ion:198 Resp: 222348

Ion Ratio Lower Upper

198 100

51 43.2 37.7 77.7

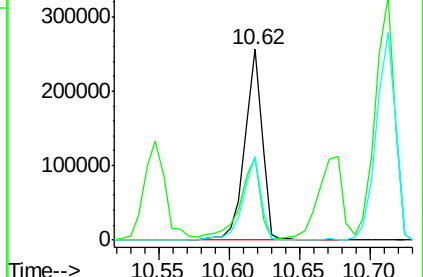
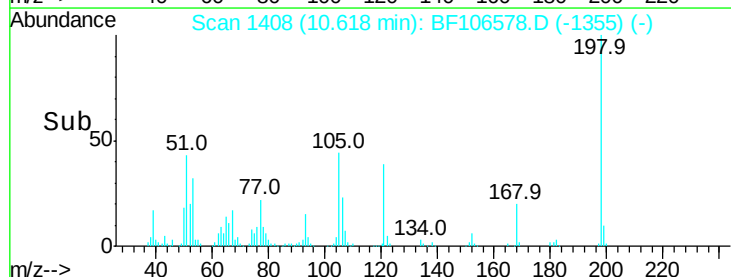
105 43.9 36.3 76.3

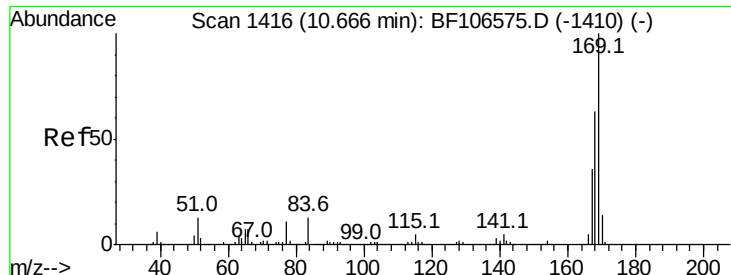


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 66.681 ng

RT: 10.68 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

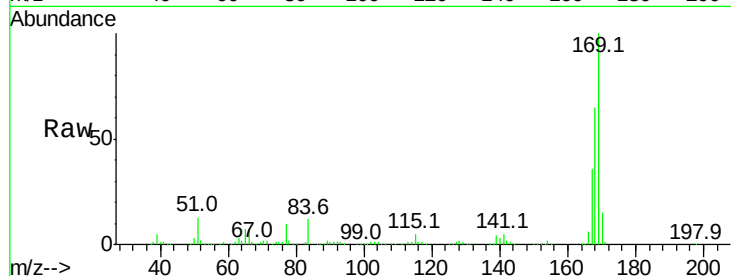
Tot Ion:169 Resp: 992093

Ion Ratio Lower Upper

169 100

168 65.0 54.4 81.6

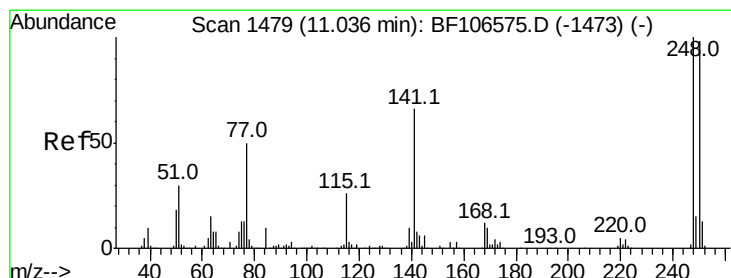
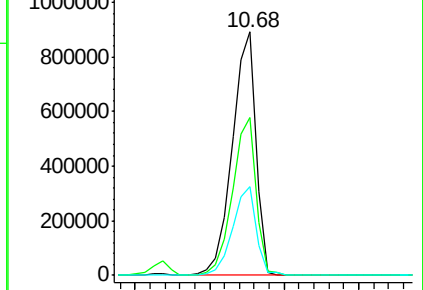
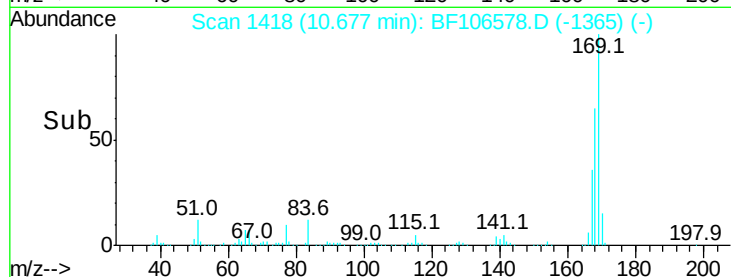
167 36.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 75.051 ng

RT: 11.04 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

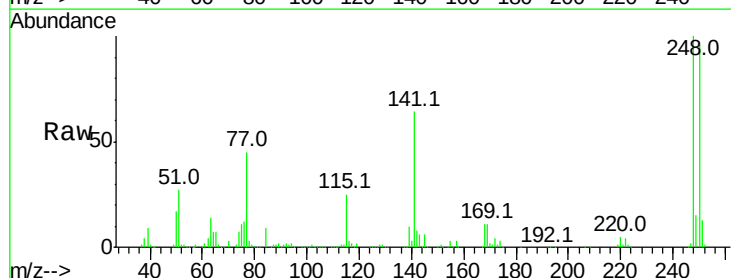
Tgt Ion:248 Resp: 377893

Ion Ratio Lower Upper

248 100

250 96.0 76.9 115.3

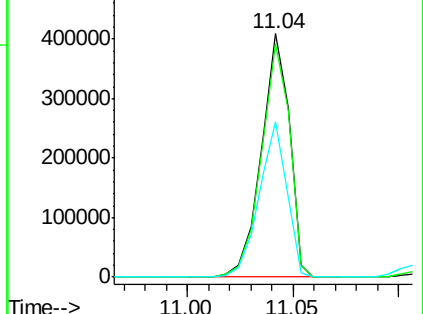
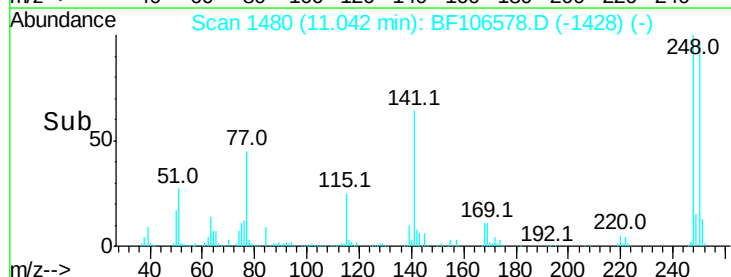
141 63.9 74.4 111.6#

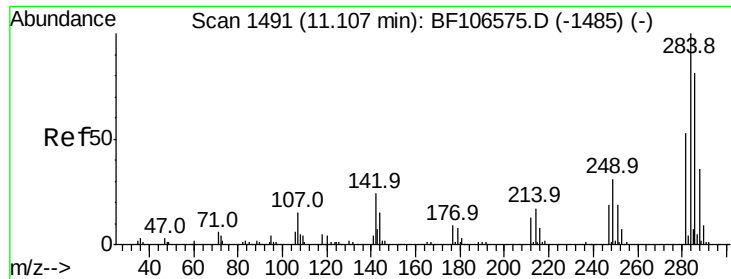


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 77.910 ng

RT: 11.11 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

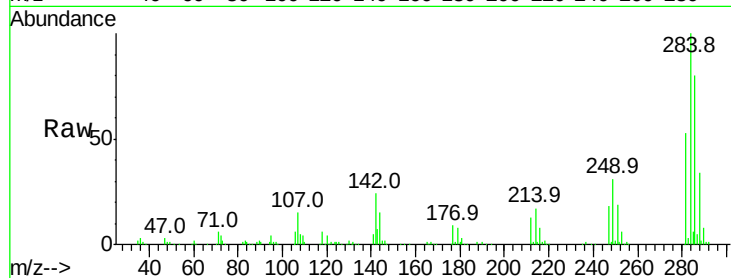
Tot Ion:284 Resp: 404427

Ion Ratio Lower Upper

284 100

142 24.3 34.6 52.0#

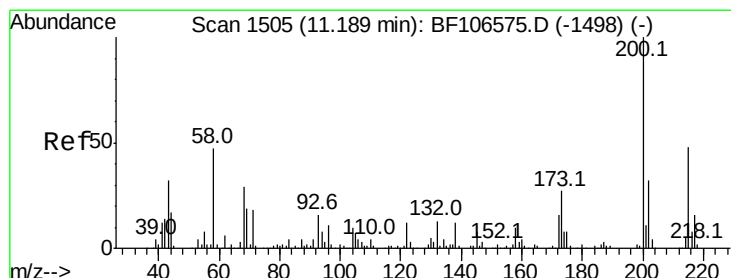
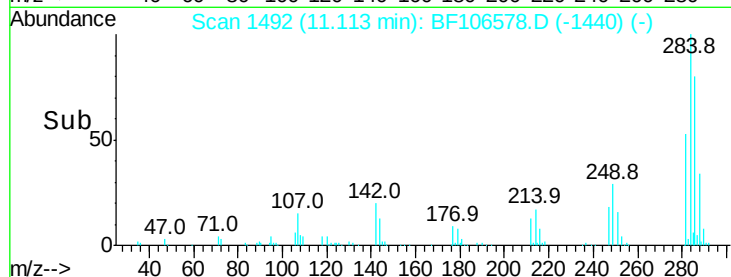
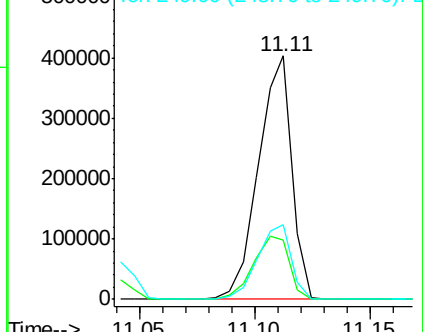
249 30.5 24.8 37.2



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: 73.466 ng

RT: 11.20 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

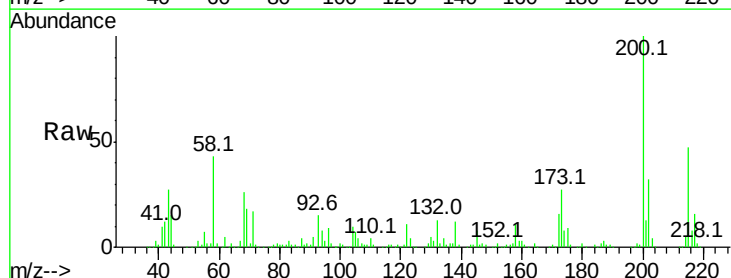
Tgt Ion:200 Resp: 336846

Ion Ratio Lower Upper

200 100

173 27.2 8.6 48.6

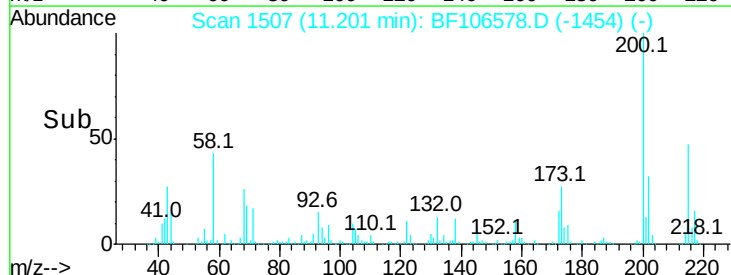
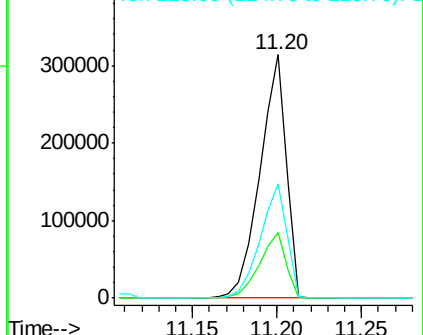
215 46.9 25.1 65.1

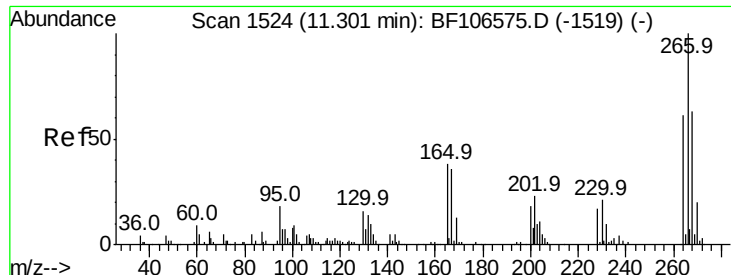


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

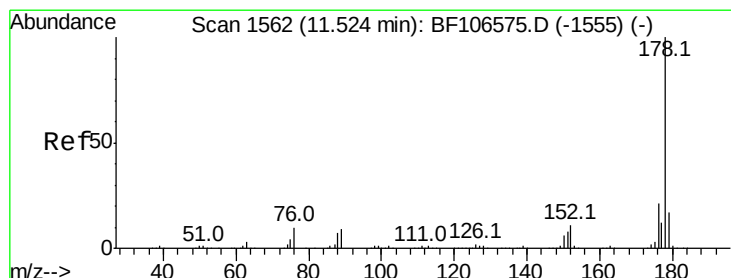
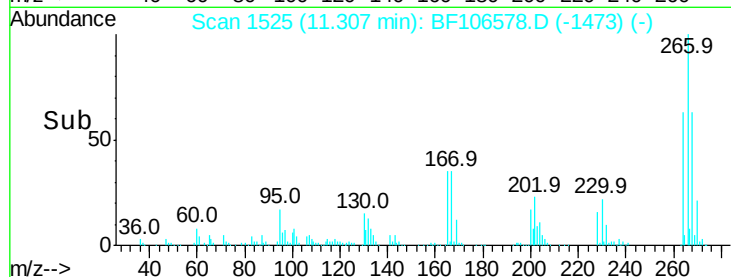
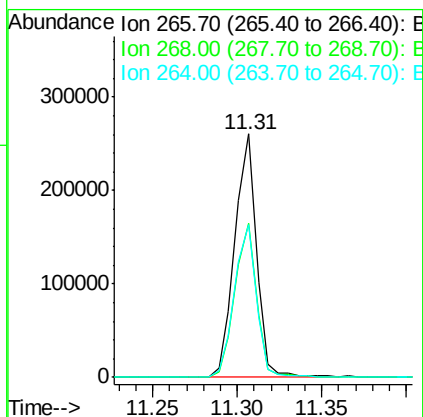
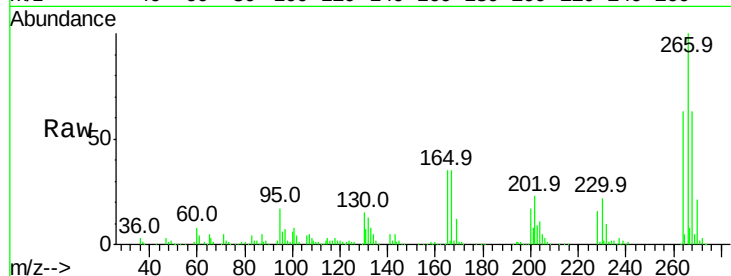




#69
 Pentachlorophenol
 Concen: 73.658 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

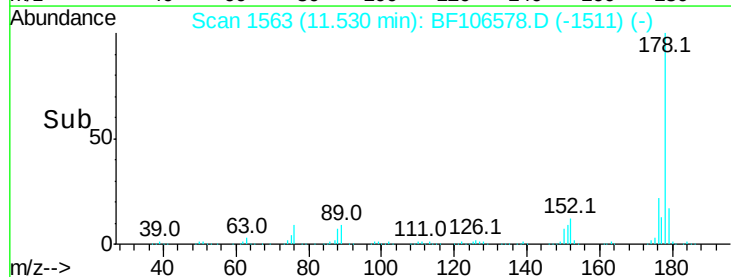
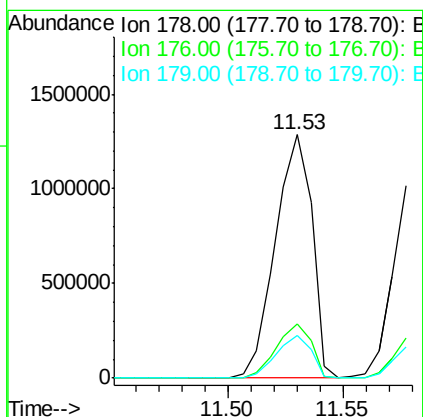
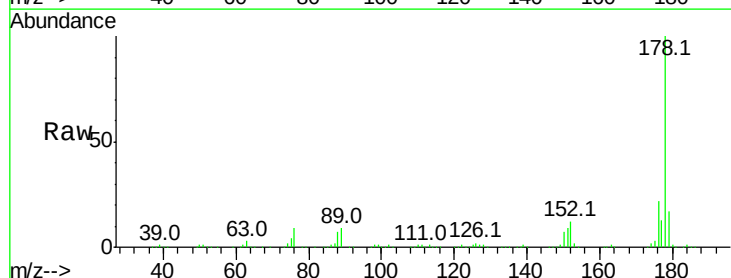
Instrument :
 BNA_F
 ClientSampleId :

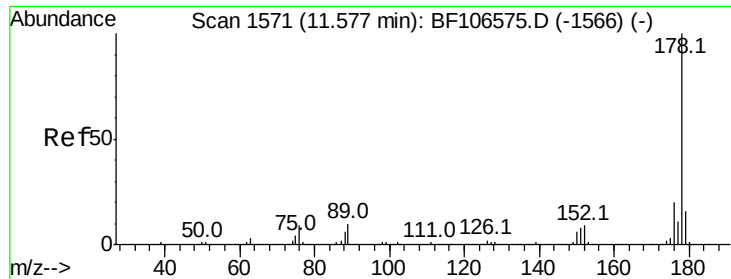
Tot Ion:266 Resp: 235404
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 62.5 49.5 74.3



#70
 Phenanthrene
 Concen: 65.455 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:178 Resp: 1419084
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.8 23.8
 179 17.3 13.0 19.6

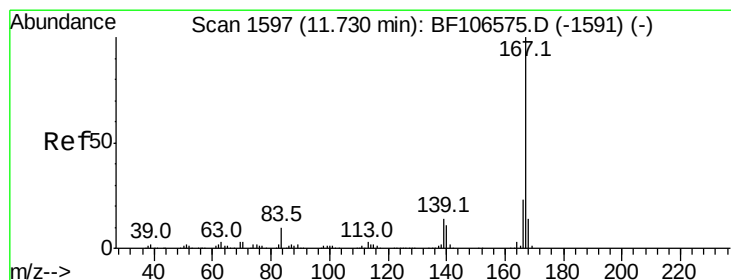
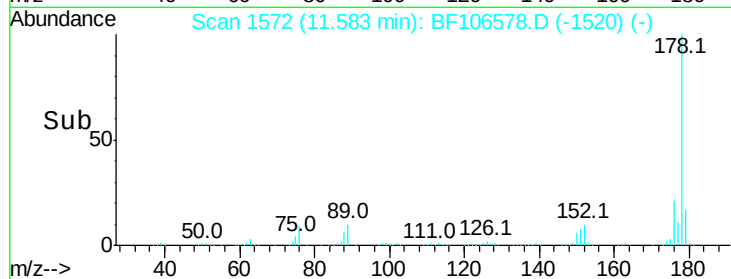
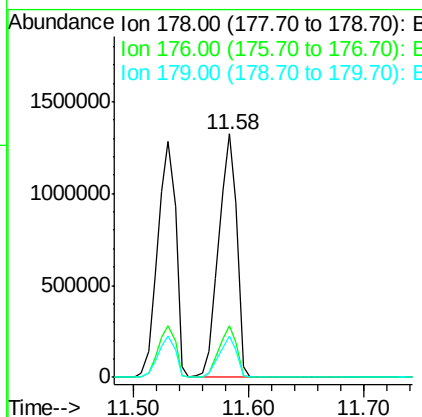
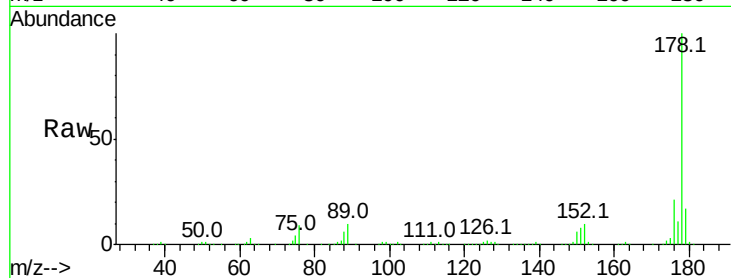




#71
 Anthracene
 Concen: 66.270 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

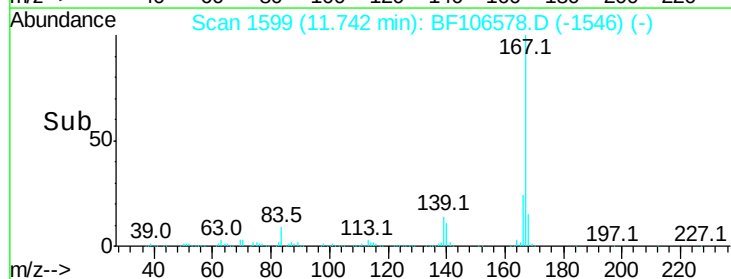
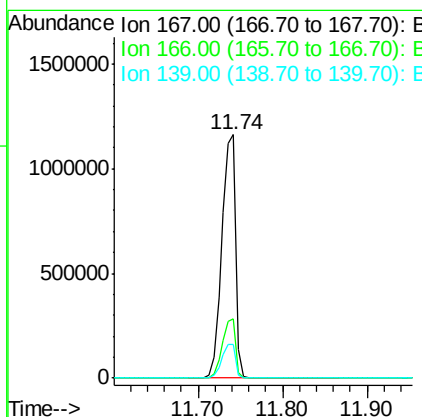
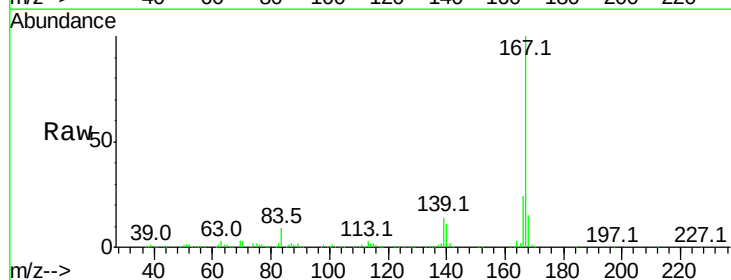
Instrument :
 BNA_F
 ClientSampleId :

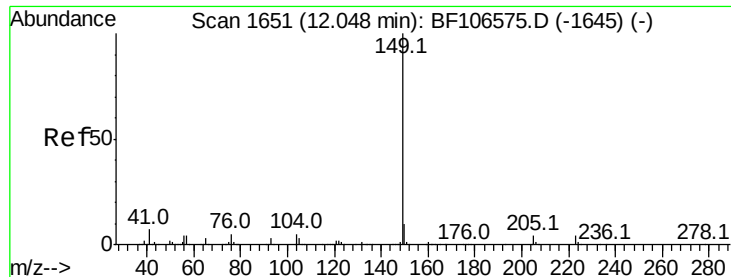
Tot Ion:178 Resp: 1439373
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.4 23.2
 179 17.2 12.6 19.0



#72
 Carbazole
 Concen: 66.010 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:167 Resp: 1323632
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 69.140 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

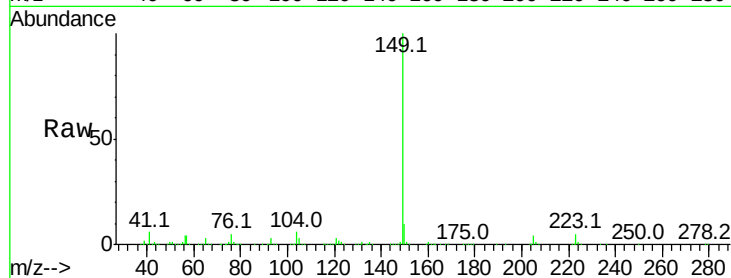
Tot Ion:149 Resp: 1543009

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.6
104	5.5	3.8	5.8

149 100

150 10.5 7.8 11.6

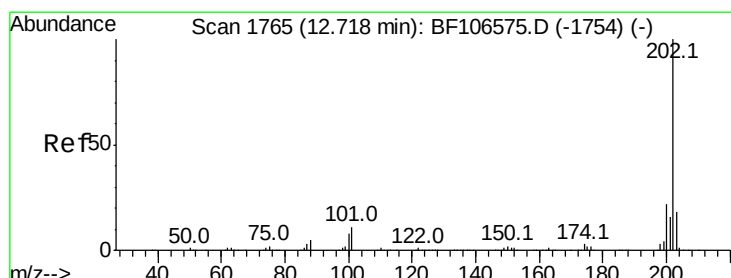
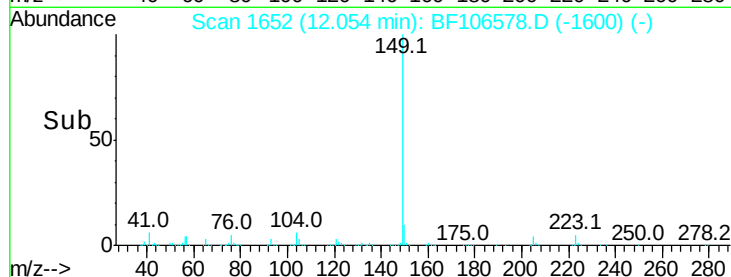
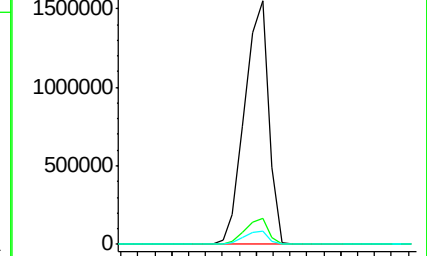
104 5.5 3.8 5.8



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: 67.349 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

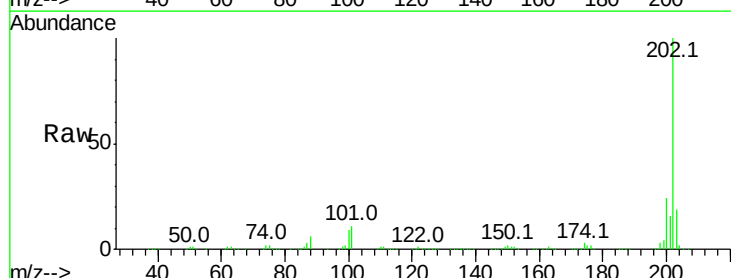
Tgt Ion:202 Resp: 1557169

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	19.2	0.0	38.1

202 100

101 11.5 0.0 34.1

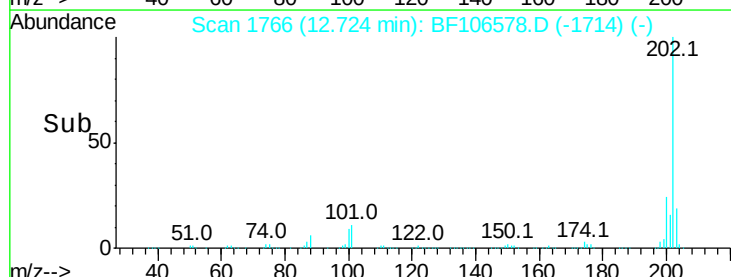
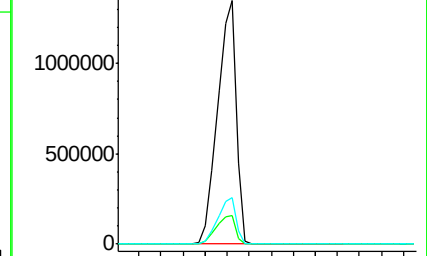
203 19.2 0.0 38.1

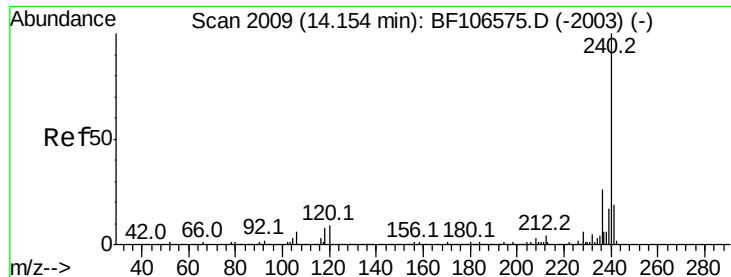


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampled :

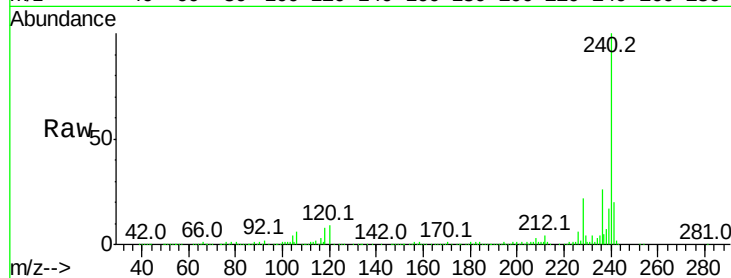
Tot Ion:240 Resp: 338006

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

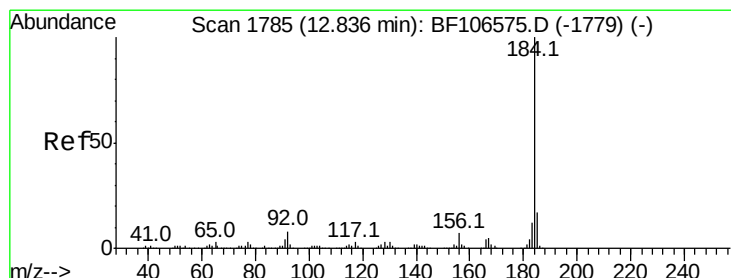
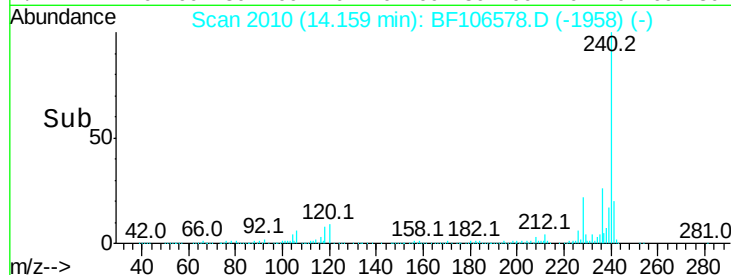
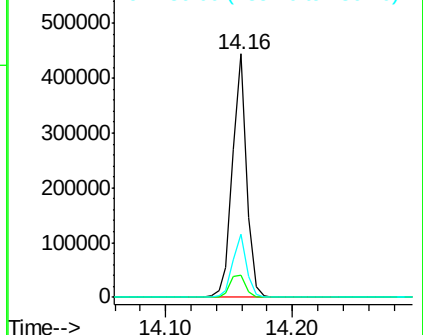
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.219 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.25 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

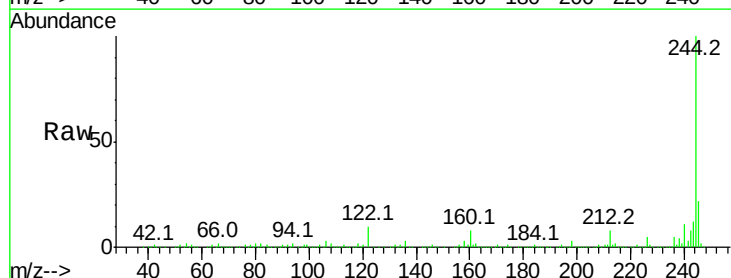
Tgt Ion:184 Resp: 24959

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

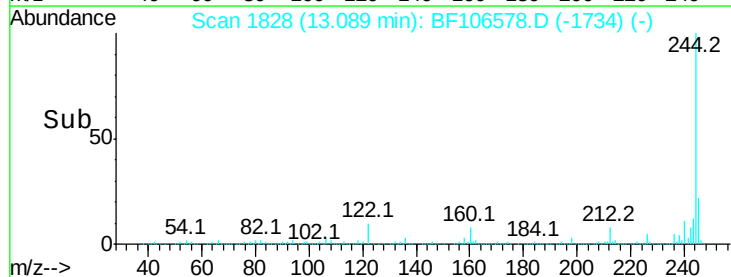
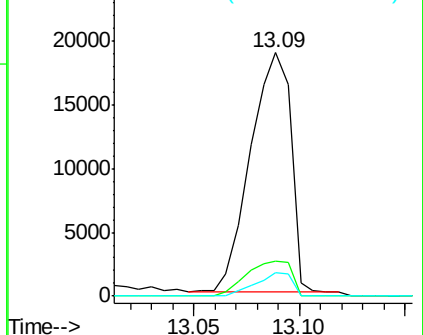
183 9.7 9.3 13.9

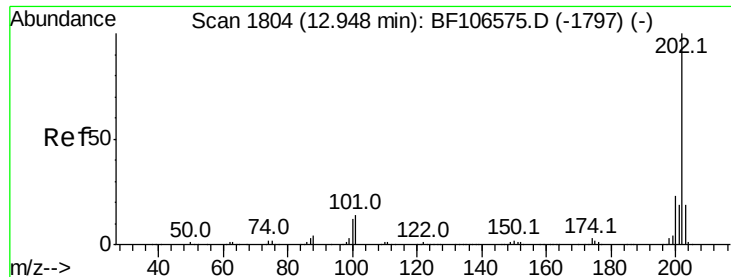


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



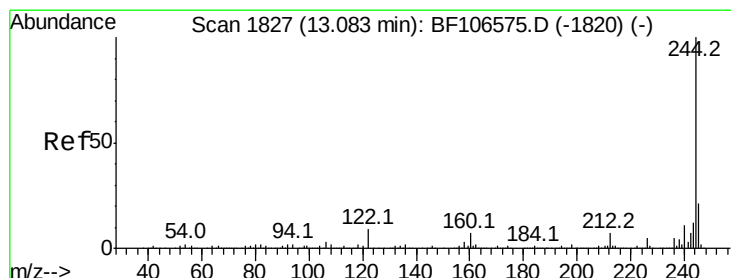
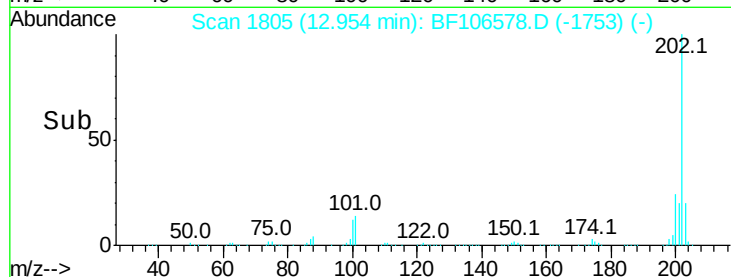
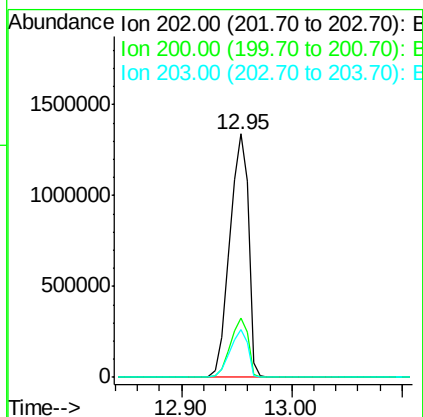
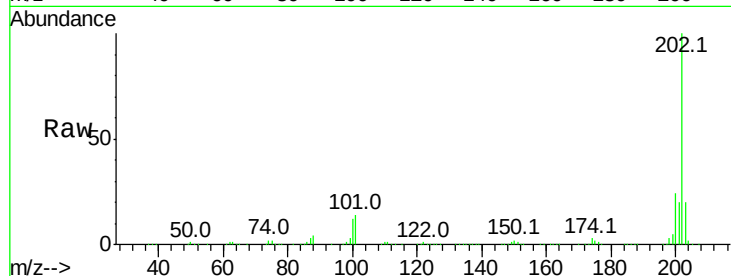


#77
 Pvrene
 Concen: 75.480 ng
 RT: 12.95 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1597247

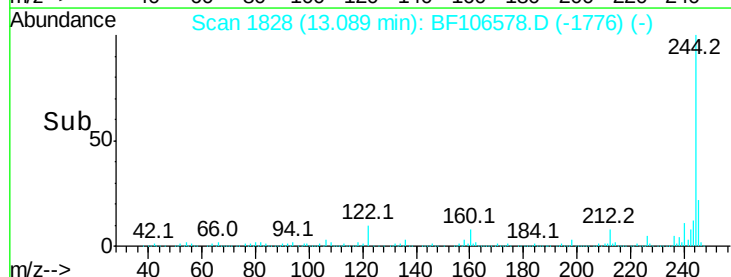
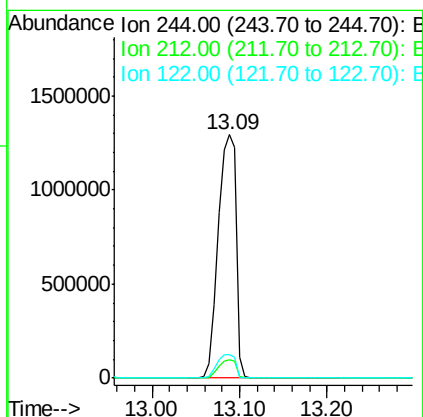
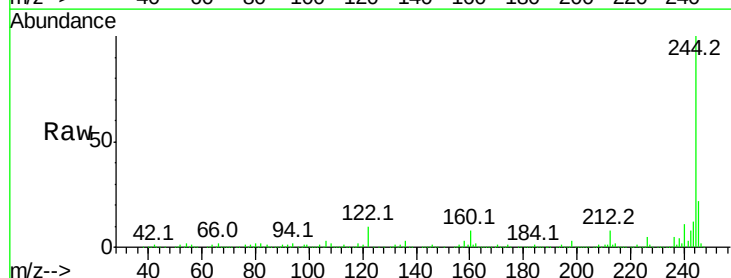
Ion	Ratio	Lower	Upper
202	100		
200	24.3	17.4	26.2
203	19.8	14.3	21.5

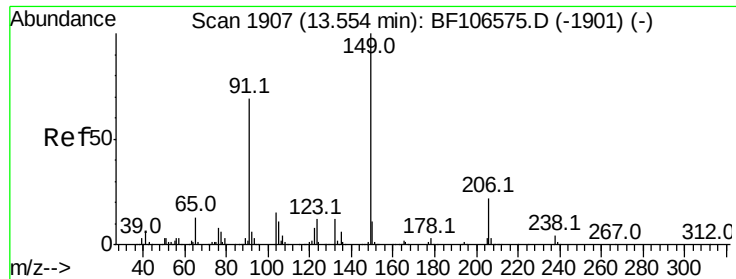


#78
 Terphenyl-d14
 Concen: 135.887 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:244 Resp: 1849218

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.6	11.0	16.4

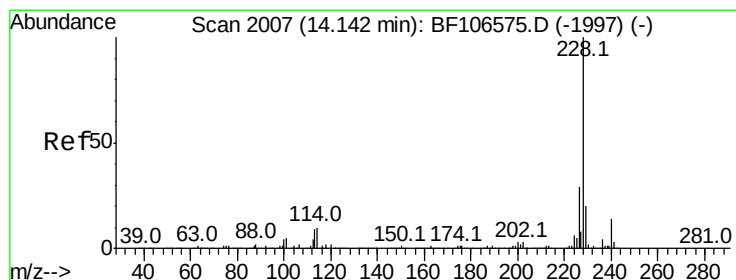
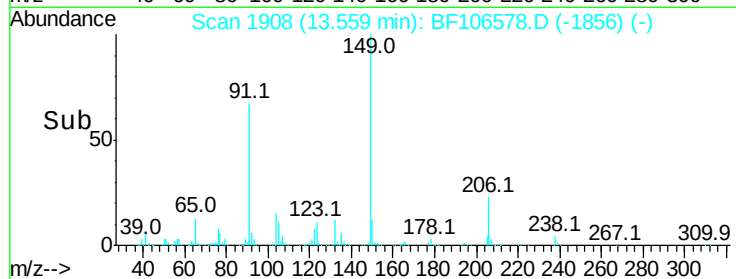
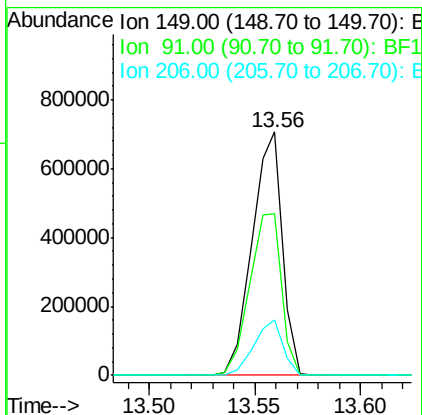
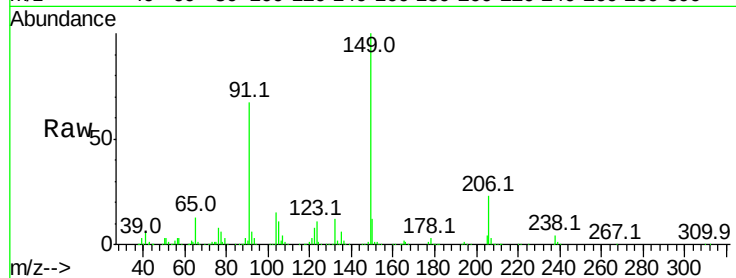




#79
Butylbenzylphthalate
Concen: 88.521 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

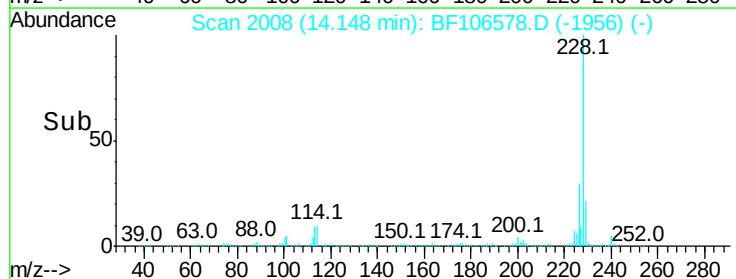
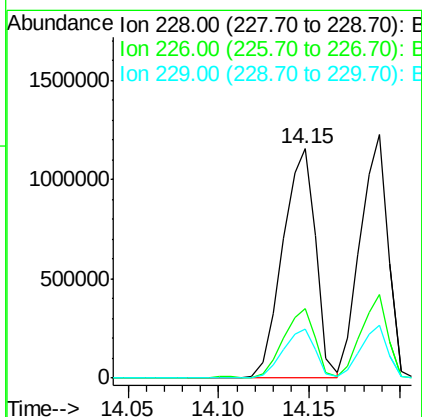
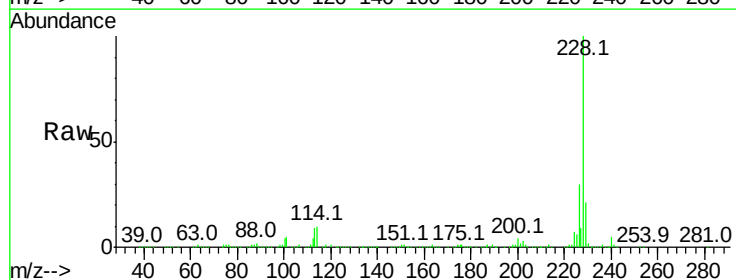
Instrument :
BNA_F
ClientSampled :

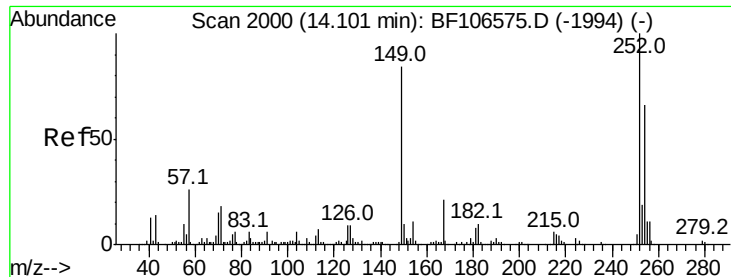
Tot Ion:149 Resp: 701187
Ion Ratio Lower Upper
149 100
91 66.5 56.8 85.2
206 22.9 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 72.812 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:228 Resp: 1464571
Ion Ratio Lower Upper
228 100
226 30.3 22.6 33.8
229 21.4 15.8 23.6

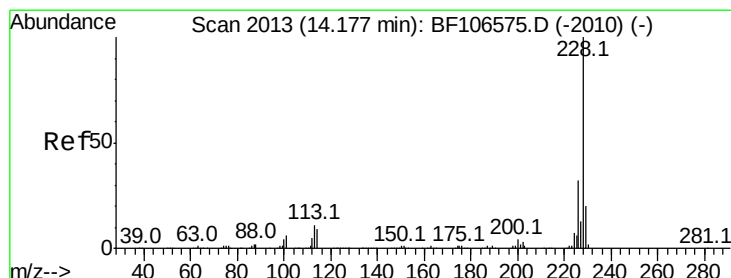
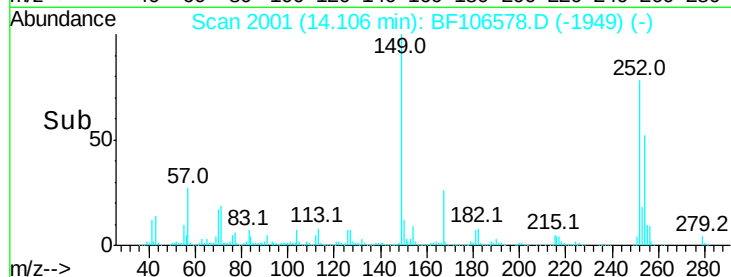
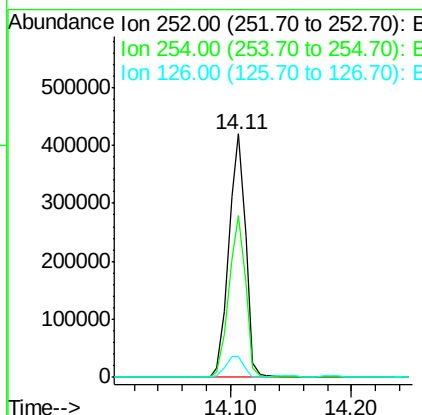
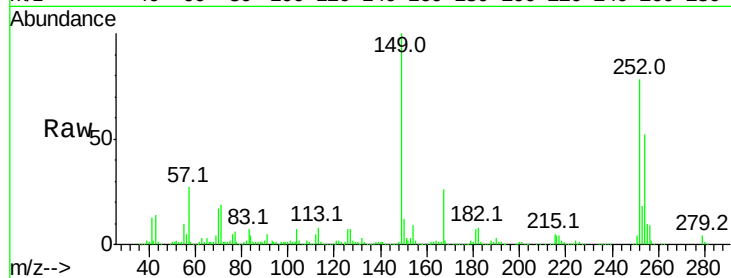




#81
 3,3'-Dichlorobenzidine
 Concen: 59.690 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

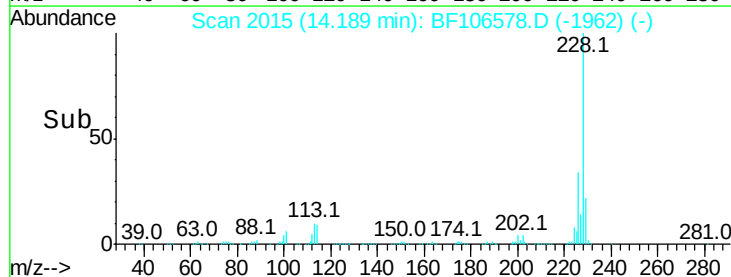
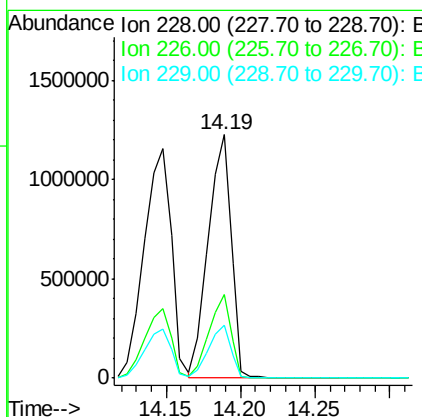
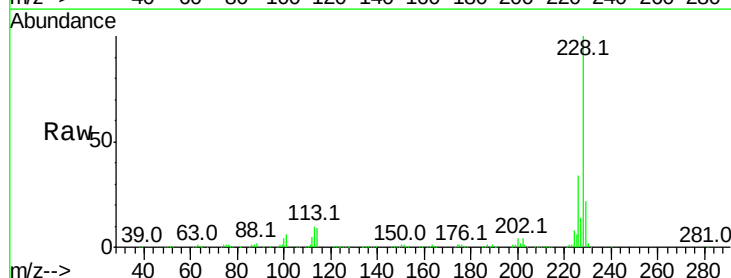
Instrument :
 BNA_F
 ClientSampleId :

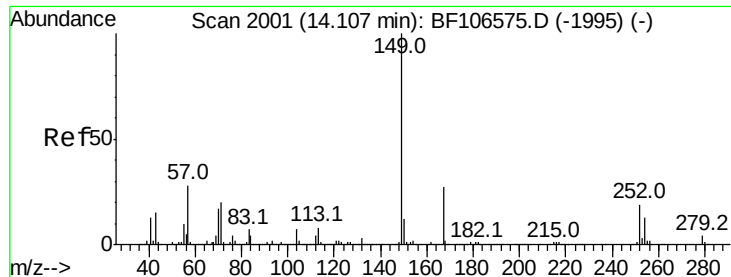
Tot Ion:252 Resp: 405092
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.4 75.6
 126 8.8 11.3 16.9#



#82
 Chrysene
 Concen: 71.225 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:228 Resp: 1308011
 Ion Ratio Lower Upper
 228 100
 226 34.2 25.0 37.6
 229 21.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 70.661 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

Instrument :

BNA_F

ClientSampleId :

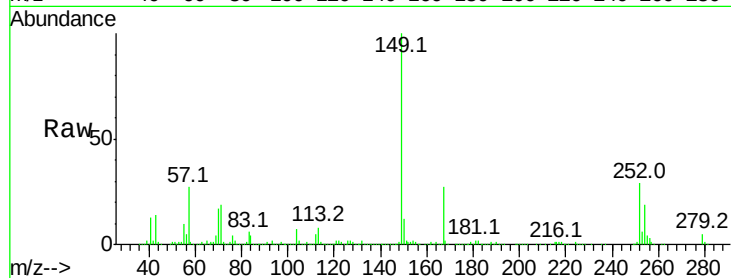
Tot Ion:149 Resp: 802533

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

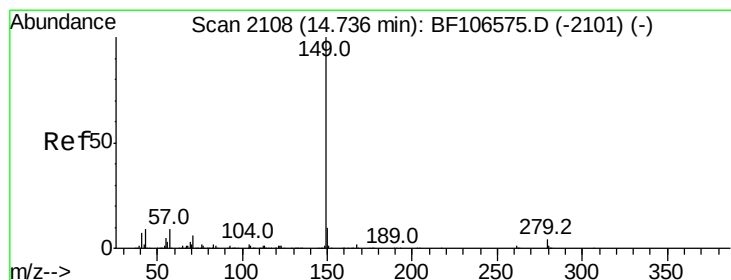
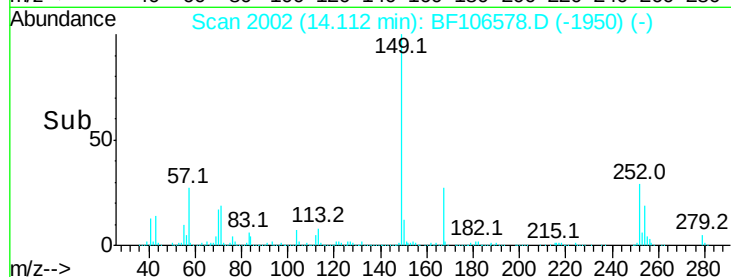
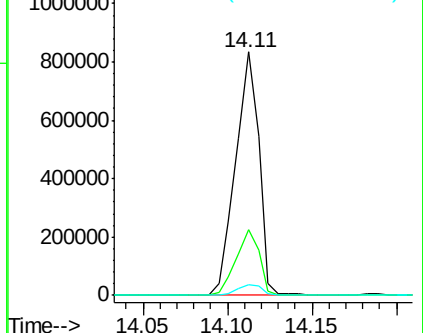
279 4.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 83.656 ng

RT: 14.75 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF106578.D

Acq: 19 Jun 2018 13:04

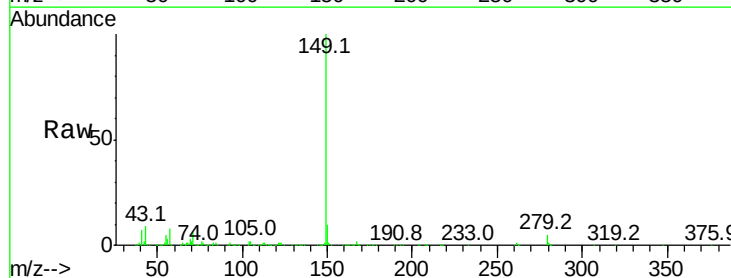
Tgt Ion:149 Resp: 1369752

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

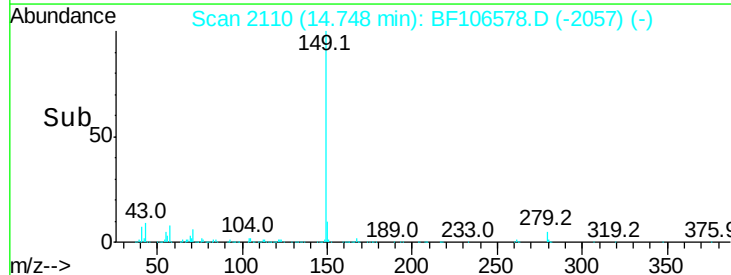
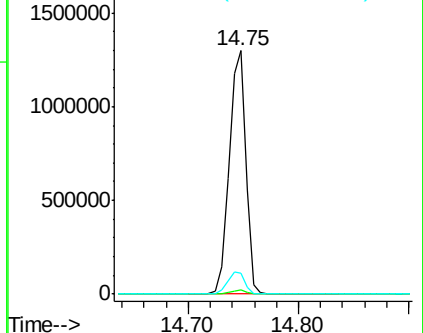
43 9.4 8.4 12.6

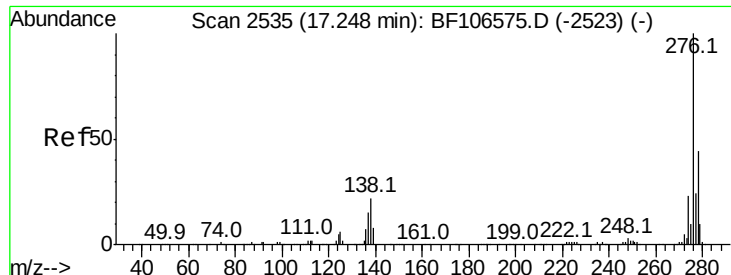


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



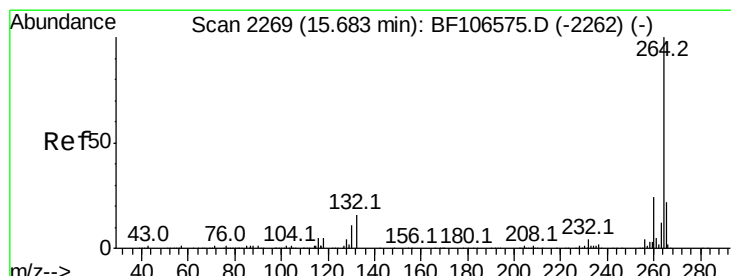
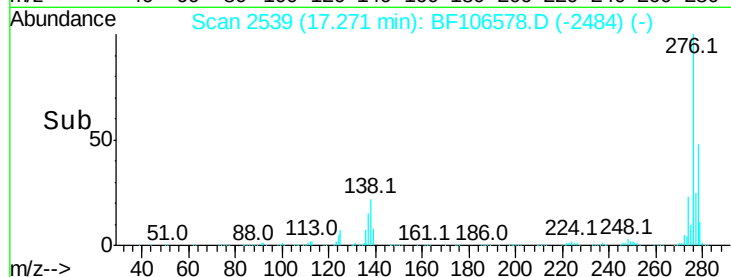
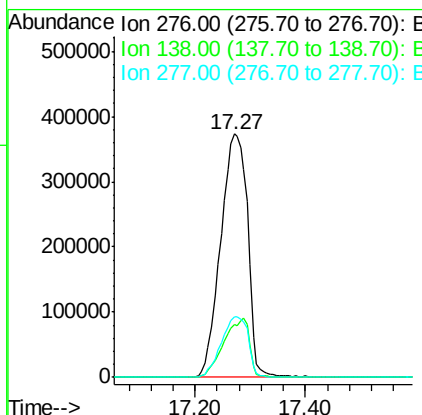
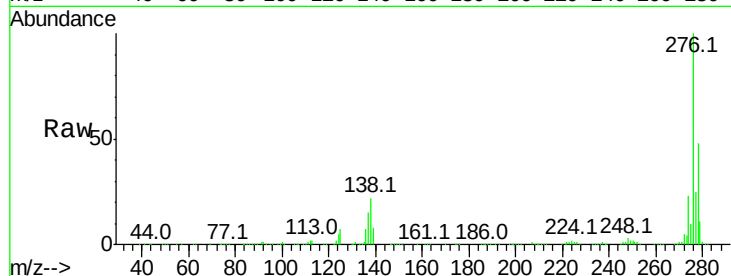


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 87.384 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. 0.02 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1280754

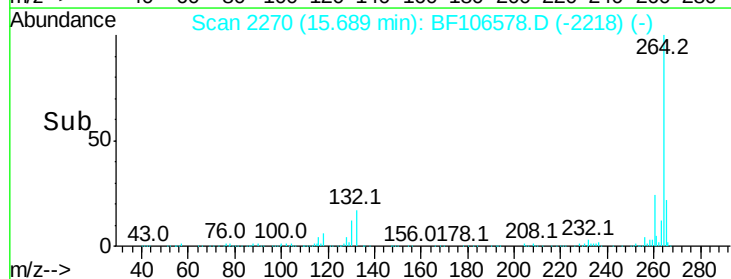
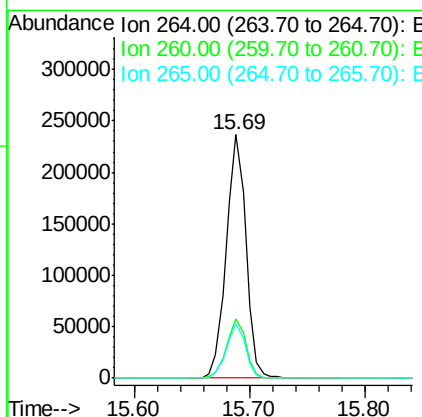
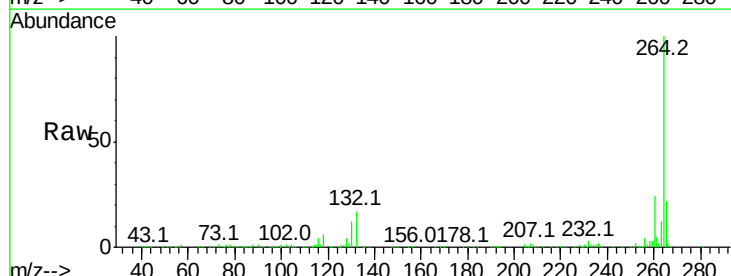
Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	25.1	20.1	30.1

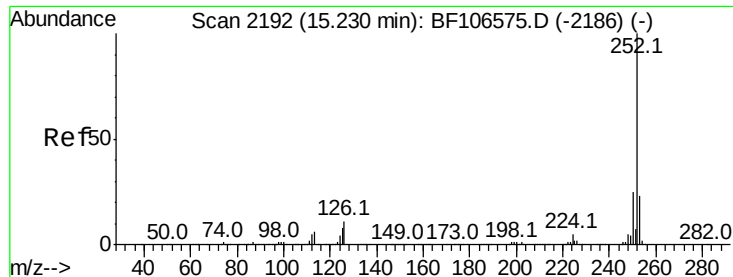


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Tgt Ion:264 Resp: 279577

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3

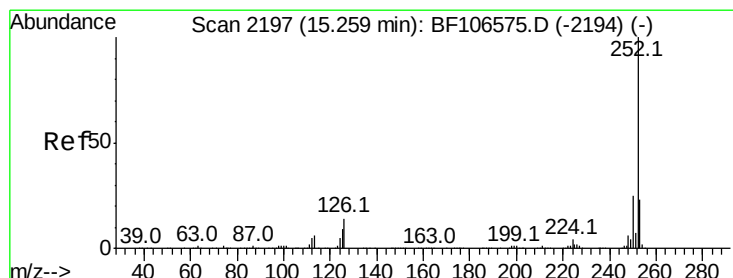
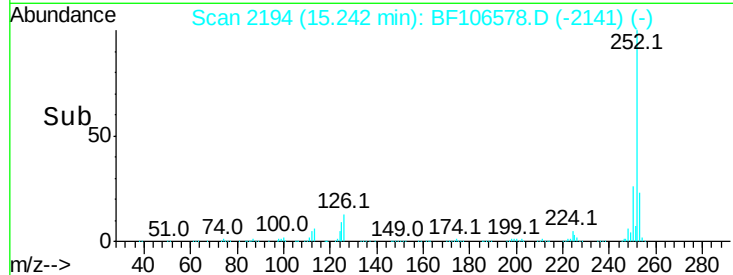
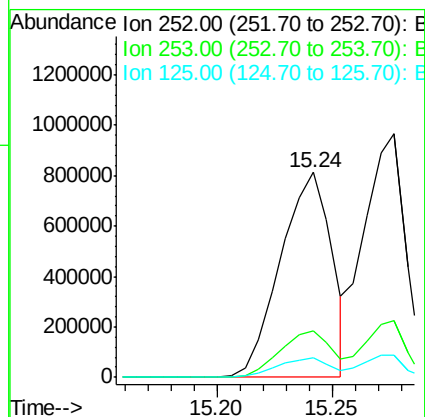
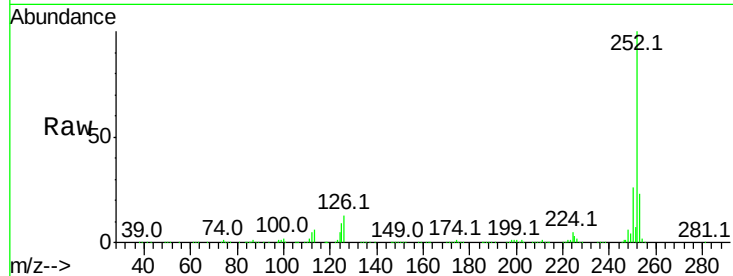




#87
Benzo(b)fluoranthene
Concen: 74.349 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

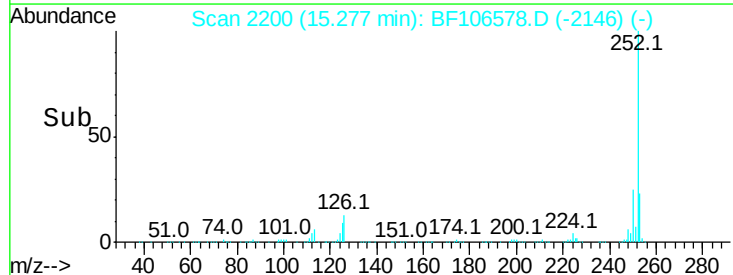
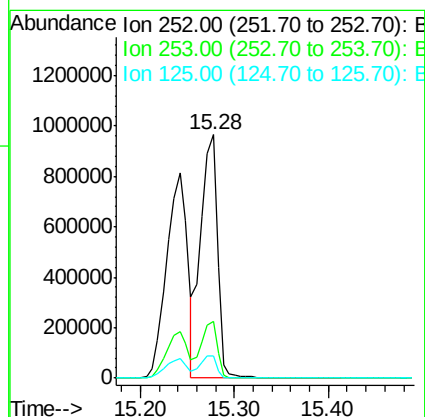
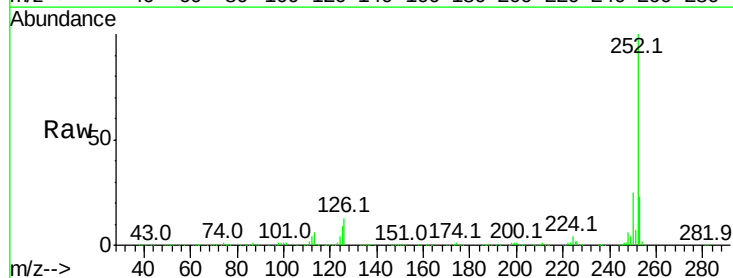
Instrument :
BNA_F
ClientSampleId :

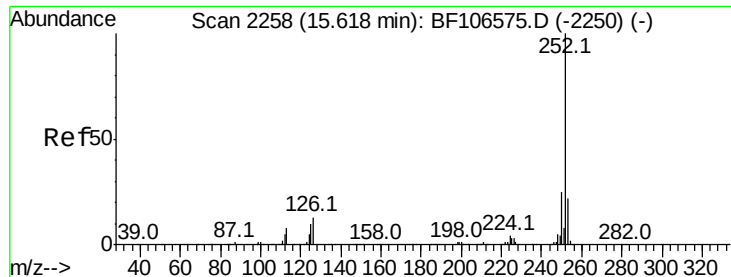
Tot Ion:252 Resp: 1256514
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 9.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 72.076 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:252 Resp: 1206361
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 8.9 10.2 15.2#

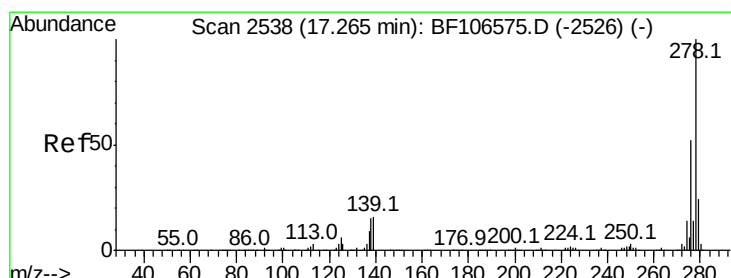
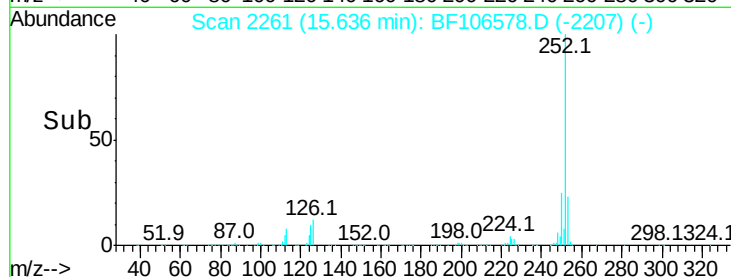
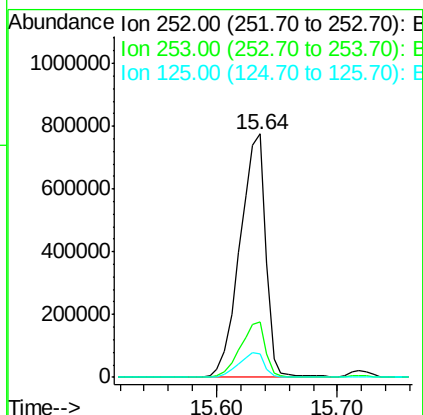
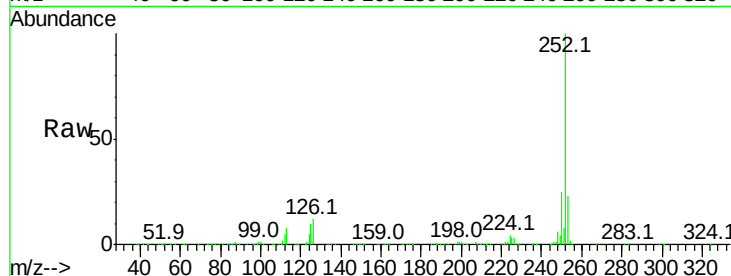




#89
Benzo(a)pyrene
Concen: 76.332 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

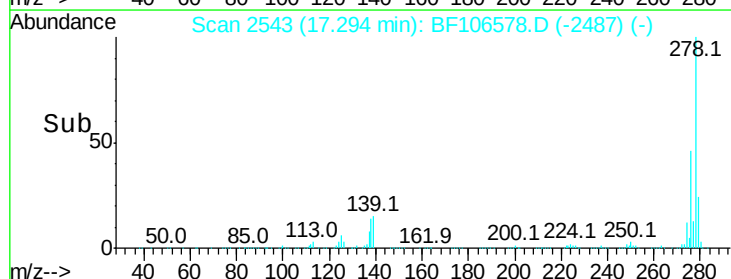
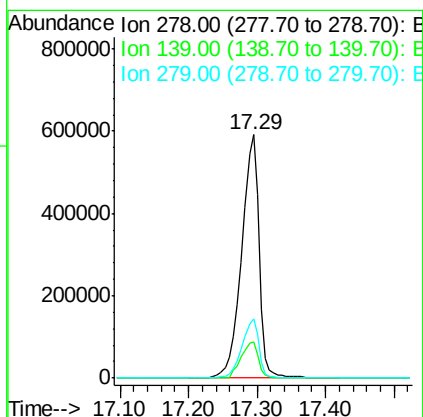
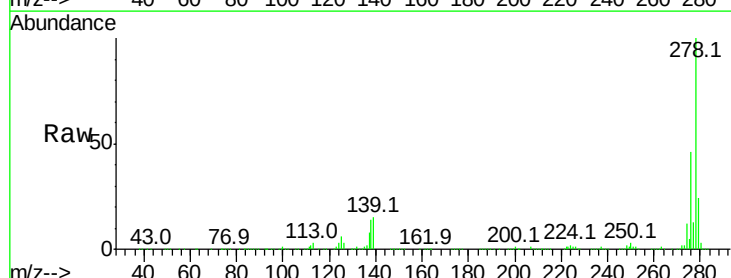
Instrument :
BNA_F
ClientSampled :

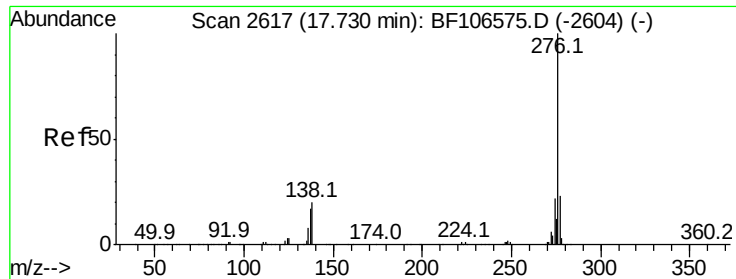
Tot Ion:252 Resp: 1160324
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 9.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 82.498 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF106578.D
Acq: 19 Jun 2018 13:04

Tgt Ion:278 Resp: 1045503
Ion Ratio Lower Upper
278 100
139 15.1 15.9 23.9#
279 24.3 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 87.403 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.02 min
 Lab File: BF106578.D
 Acq: 19 Jun 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1076453
 Ion Ratio Lower Upper
 276 100
 277 23.3 17.9 26.9
 138 21.8 21.8 32.8#

