

Data Path : Z:\HPCHEM1\BNA F\Data\BF020318\
 Data File : BF102706.D
 Acq On : 3 Feb 2018 9:32
 Operator : SJ/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 11:51:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 03 11:33:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.875	152	198740	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	838453	20.00	ng	0.00
38) Acenaphthene-d10	9.916	164	389200	20.00	ng	0.00
63) Phenanthrene-d10	11.398	188	673683	20.00	ng	0.00
75) Chrysene-d12	14.033	240	539194	20.00	ng	0.00
86) Perylene-d12	15.504	264	501238	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.481	112	279114	19.83	ng	0.00
7) Phenol-d6	6.481	99	337132	20.08	ng	-0.02
23) Nitrobenzene-d5	7.434	82	197473	13.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.698	330	62653	18.45	ng	0.00
44) 2-Fluorobiphenyl	9.233	172	578070	23.20	ng	0.00
78) Terphenyl-d14	12.980	244	507827	19.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.657	88	63194	9.00	ng	# 85
3) Pyridine	3.446	79	175675	9.16	ng	93
4) n-Nitrosodimethylamine	3.363	42	72312	9.00	ng	# 88
6) Aniline	6.534	93	234644	9.92	ng	96
8) 2-Chlorophenol	6.657	128	142279	10.08	ng	99
9) Benzaldehyde	6.422	77	126258	10.83	ng	97
10) Phenol	6.498	94	179892	9.48	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	147685	10.22	ng	90
12) 1,3-Dichlorobenzene	6.816	146	168430	10.35	ng	100
13) 1,4-Dichlorobenzene	6.892	146	166431	10.25	ng	98
14) 1,2-Dichlorobenzene	7.045	146	160706	10.69	ng	99
15) Benzyl Alcohol	7.010	79	125349	10.21	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	277017	10.40	ng	96
17) 2-Methylphenol	7.110	107	131003	10.29	ng	97
18) Hexachloroethane	7.392	117	53329	9.33	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	110615	10.05	ng	91
20) 3+4-Methylphenols	7.263	107	167936	10.98	ng	94
22) Acetophenone	7.281	105	228898	11.33	ng	97
24) Nitrobenzene	7.451	77	130771	8.53	ng	93
25) Isophorone	7.686	82	287063	10.18	ng	96
26) 2-Nitrophenol	7.769	139	24841	3.87	ng	91
27) 2,4-Dimethylphenol	7.798	122	121273	10.12	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	175582	10.31	ng	99
29) 2,4-Dichlorophenol	8.004	162	109718	9.64	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	131077	11.01	ng	98
31) Naphthalene	8.181	128	448002	10.69	ng	99
32) Benzoic acid	7.863	122	30031	3.30	ng	88
33) 4-Chloroaniline	8.222	127	190515	10.65	ng	96
34) Hexachlorobutadiene	8.298	225	66503	10.56	ng	100
35) Caprolactam	8.557	113	36483	9.34	ng	# 69
36) 4-Chloro-3-methylphenol	8.692	107	124939	10.03	ng	100
37) 2-Methylnaphthalene	8.869	142	292877	10.62	ng	100
39) 1,2,4,5-Tetrachloroben...	9.033	216	116654	10.59	ng	98
40) Hexachlorocyclopentadiene	9.022	237	46560	7.73	ng	97

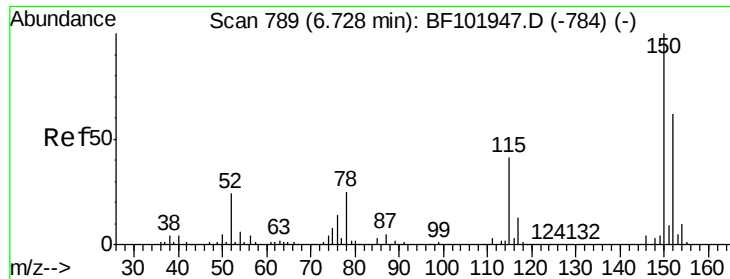
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.139	196	67492	8.89	nq	98
43) 2,4,5-Trichlorophenol	9.175	196	80262	9.36	nq	100
45) 1,1'-Biphenyl	9.333	154	367945	10.70	nq	98
46) 2-Chloronaphthalene	9.357	162	282614	10.59	nq	97
47) 2-Nitroaniline	9.445	65	43943	5.50	nq	# 75
48) Acenaphthylene	9.775	152	443589	10.48	nq	99
49) Dimethylphthalate	9.627	163	322381	10.33	nq	99
50) 2,6-Dinitrotoluene	9.686	165	41699	6.69	nq	# 76
51) Acenaphthene	9.945	154	263495	10.25	nq	98
52) 3-Nitroaniline	9.857	138	54204	6.89	nq	# 94
53) 2,4-Dinitrophenol	9.957	184	4258	2.24	nq	# 15
54) Dibenzofuran	10.116	168	373847	10.60	nq	99
55) 4-Nitrophenol	9.998	139	35139	5.99	nq	96
56) 2,4-Dinitrotoluene	10.086	165	44591	5.70	nq	# 76
57) Fluorene	10.457	166	292621	12.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.227	232	54873	8.99	nq	99
59) Diethylphthalate	10.327	149	319315	10.28	nq	99
60) 4-Chlorophenyl-phenyle...	10.451	204	129823	12.51	nq	97
61) 4-Nitroaniline	10.463	138	51529	6.90	nq	98
62) Azobenzene	10.610	77	328226	10.62	nq	97
64) 4,6-Dinitro-2-methylph...	10.492	198	9633	2.91	nq	93
65) n-Nitrosodiphenylamine	10.569	169	262459	10.40	nq	98
66) 4-Bromophenyl-phenylether	10.939	248	77600	10.91	nq	98
67) Hexachlorobenzene	11.004	284	83711	10.78	nq	97
68) Atrazine	11.086	200	73107	10.03	nq	95
69) Pentachlorophenol	11.192	266	36657	7.74	nq	93
70) Phenanthrene	11.422	178	424840	10.80	nq	99
71) Anthracene	11.474	178	430444	10.79	nq	99
72) Carbazole	11.621	167	414786	10.57	nq	98
73) Di-n-butylphthalate	11.957	149	501879	10.43	nq	99
74) Fluoranthene	12.610	202	423870	10.95	nq	98
76) Benzidine	12.727	184	254440	9.77	nq	97
77) Pyrene	12.839	202	444863	9.33	nq	98
79) Butylbenzylphthalate	13.457	149	170267	7.78	nq	99
80) Benzo(a)anthracene	14.021	228	363413	10.56	nq	97
81) 3,3'-Dichlorobenzidine	13.986	252	128180	10.06	nq	99
82) Chrysene	14.057	228	371034	10.34	nq	99
83) Bis(2-ethylhexyl)phtha...	14.010	149	273106	10.88	nq	# 97
84) Di-n-octyl phthalate	14.627	149	372863	8.95	nq	95
85) Indeno(1,2,3-cd)pyrene	16.974	276	298473	11.43	nq	98
87) Benzo(b)fluoranthene	15.068	252	344113	10.53	nq	98
88) Benzo(k)fluoranthene	15.098	252	324690	10.30	nq	97
89) Benzo(a)pyrene	15.439	252	304531	10.35	nq	99
90) Dibenzo(a,h)anthracene	16.998	278	247745	10.56	nq	99
91) Benzo(g,h,i)perylene	17.421	276	238430	10.09	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.875 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

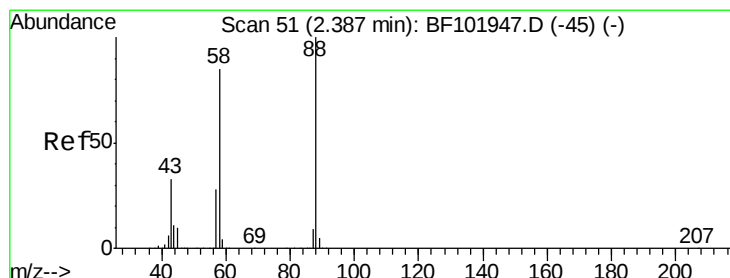
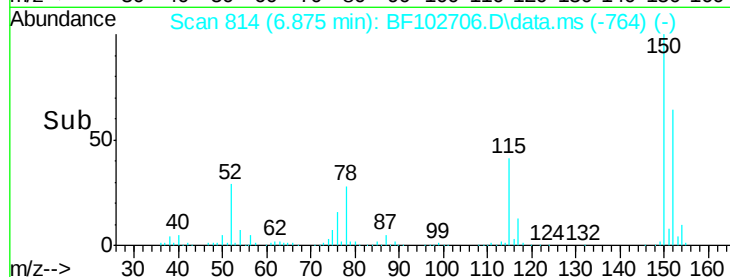
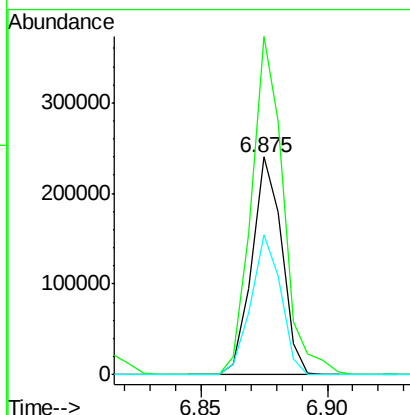
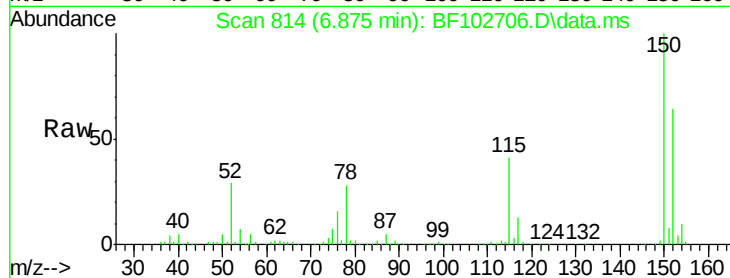
Tot Ion:152 Resp: 198740

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

115 64.5 50.1 75.1



#2

1,4-Dioxane

Concen: 9.00 ng

RT: 2.657 min Scan# 97

Delta R.T. 0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

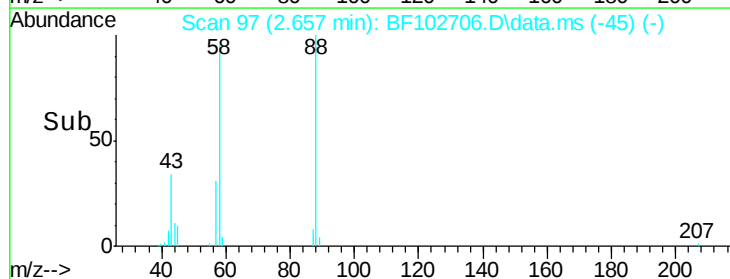
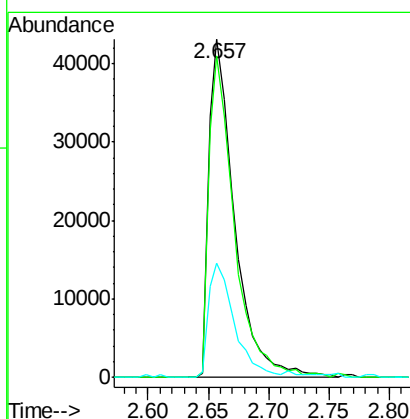
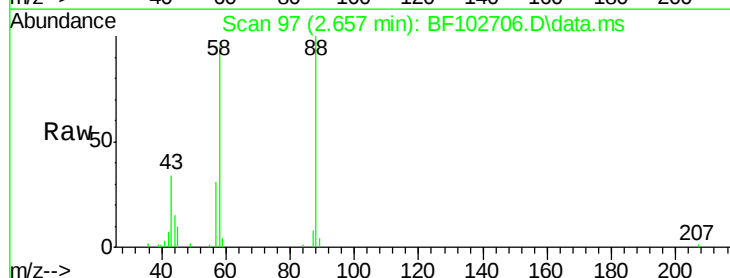
Tgt Ion: 88 Resp: 63194

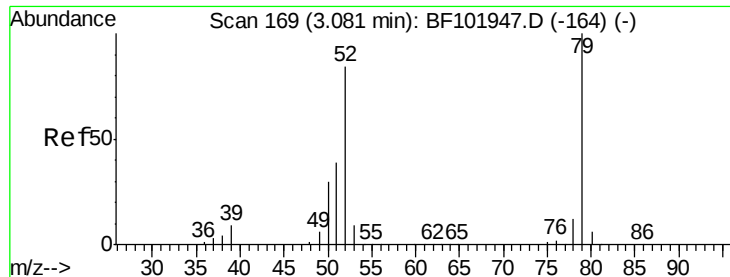
Ion Ratio Lower Upper

88 100

58 94.1 62.6 93.8#

43 33.8 24.6 37.0





#3

Pvridine

Concen: 9.16 ng

RT: 3.446 min Scan# 23

Delta R.T. 0.018 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

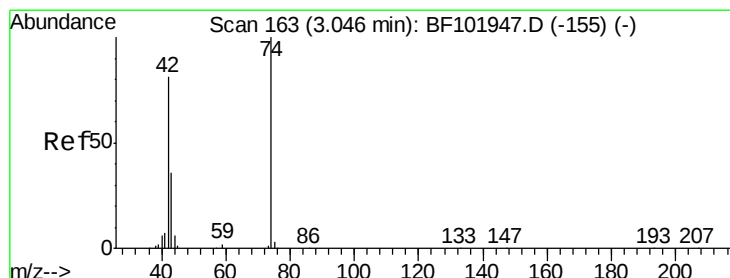
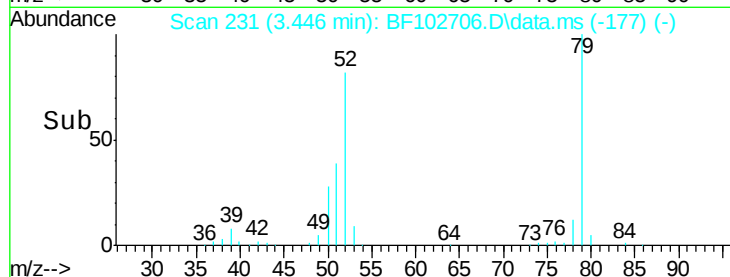
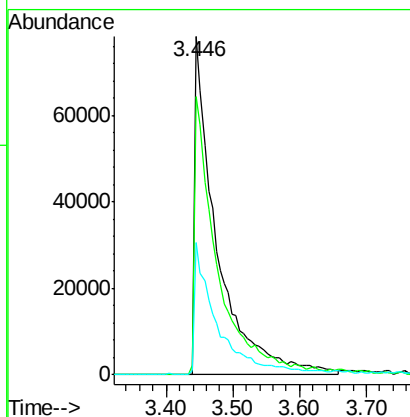
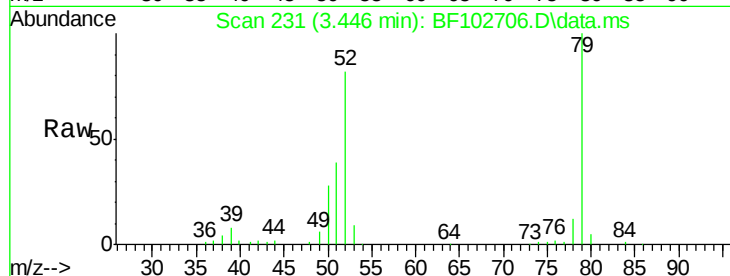
Tot Ion: 79 Resp: 175675

Ion Ratio Lower Upper

79 100

52 82.4 59.8 89.6

51 38.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 9.00 ng

RT: 3.363 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

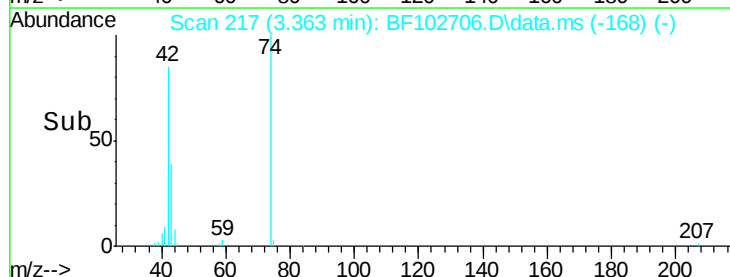
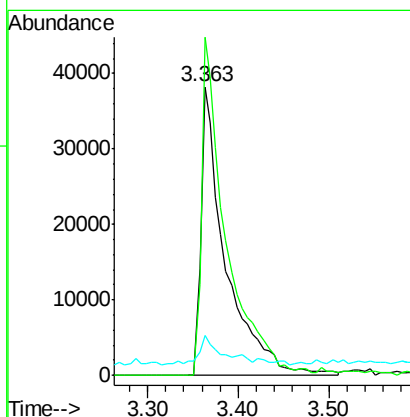
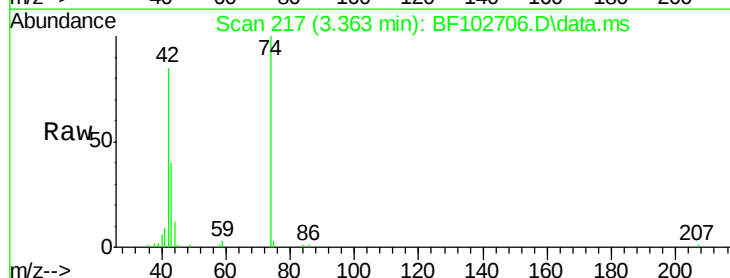
Tgt Ion: 42 Resp: 72312

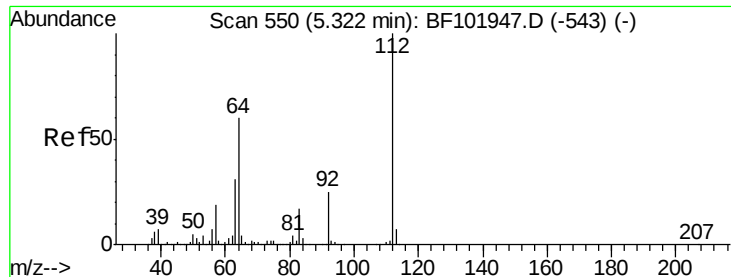
Ion Ratio Lower Upper

42 100

74 117.2 104.9 157.3

44 13.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 19.83 ng

RT: 5.481 min Scan# 57

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

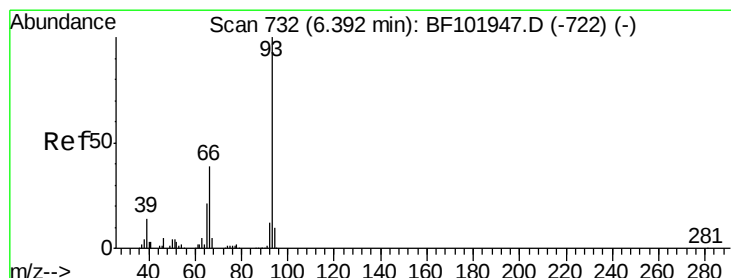
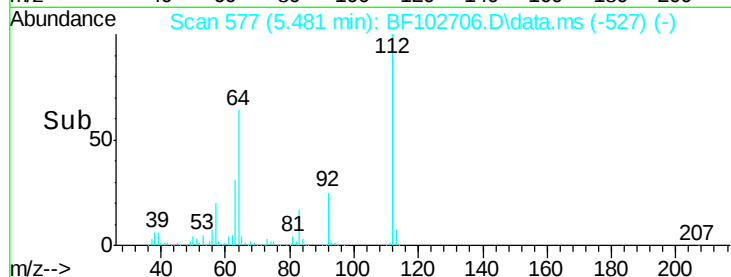
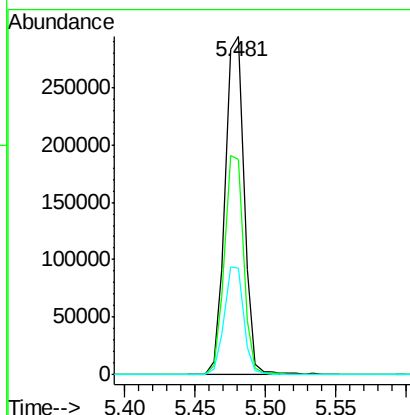
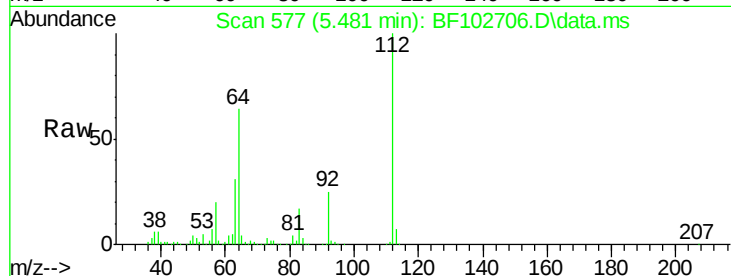
Tot Ion:112 Resp: 279114

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

63 31.4 23.7 35.5



#6

Aniline

Concen: 9.92 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

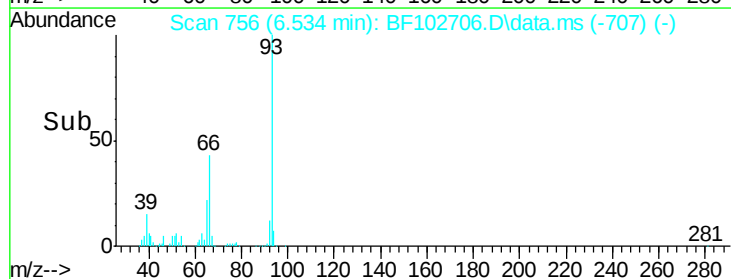
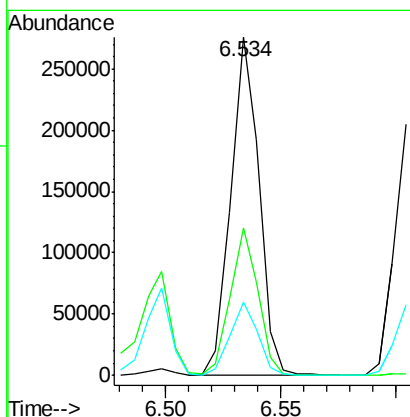
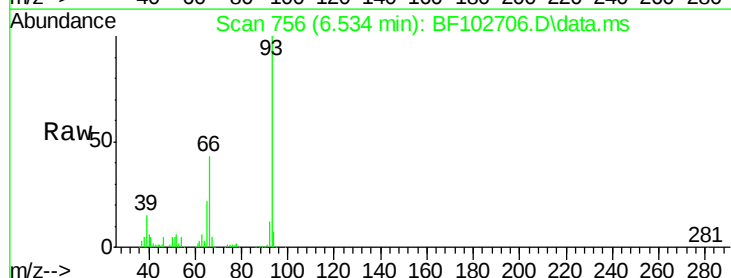
Tgt Ion: 93 Resp: 234644

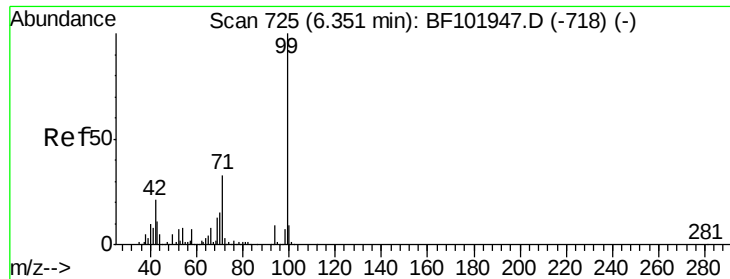
Ion Ratio Lower Upper

93 100

66 43.4 32.2 48.2

65 21.8 16.4 24.6





#7

Phenol-d6

Concen: 20.08 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.018 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

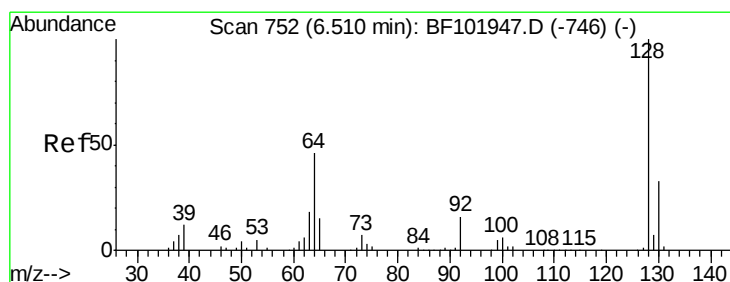
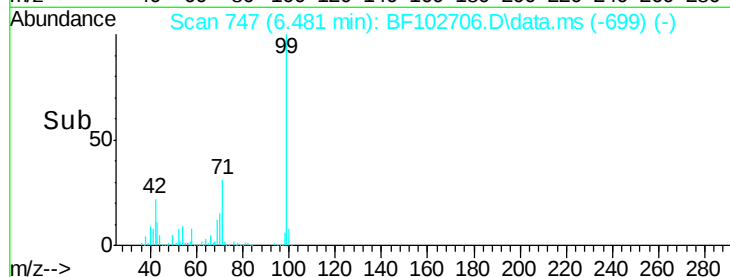
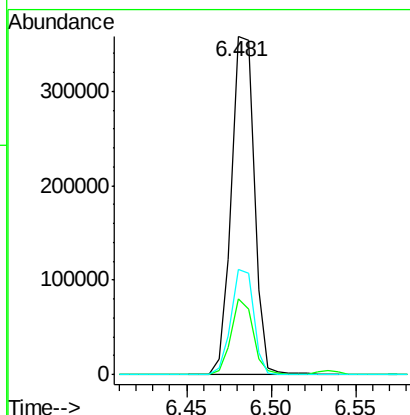
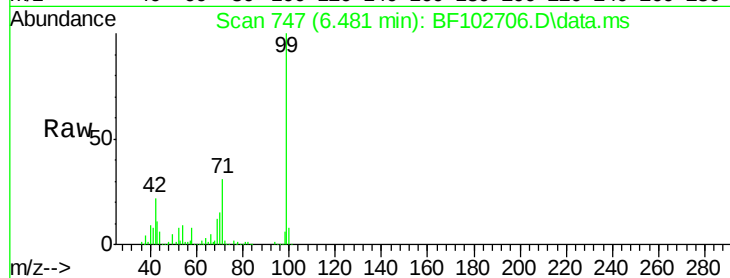
Tot Ion: 99 Resp: 337132

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

71 31.2 25.4 38.0



#8

2-Chlorophenol

Concen: 10.08 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

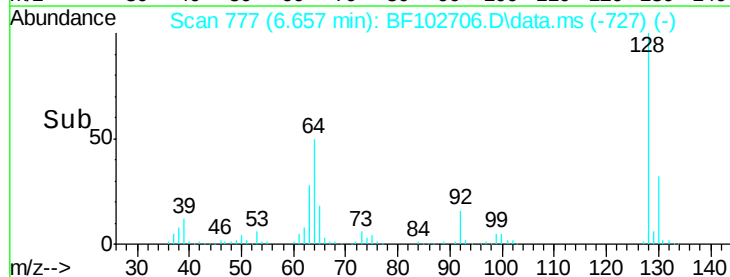
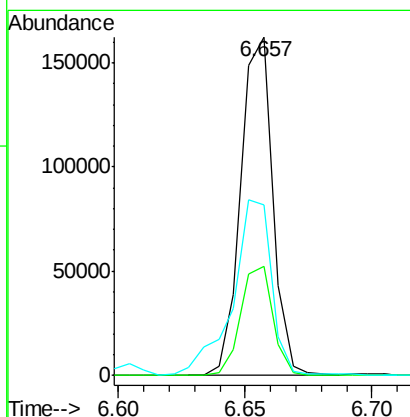
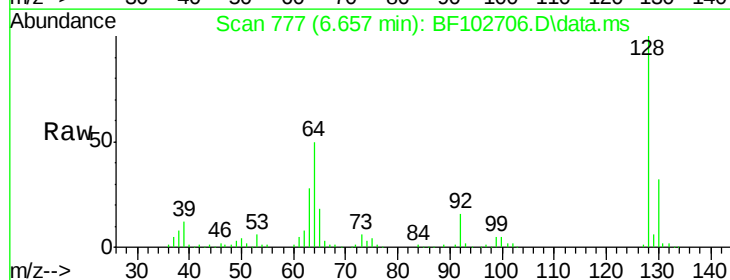
Tgt Ion: 128 Resp: 142279

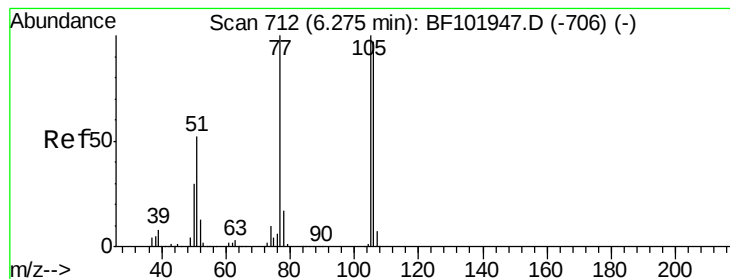
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 50.4 29.4 69.4





#9

Benzaldehyde

Concen: 10.83 ng

RT: 6.422 min Scan# 73

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

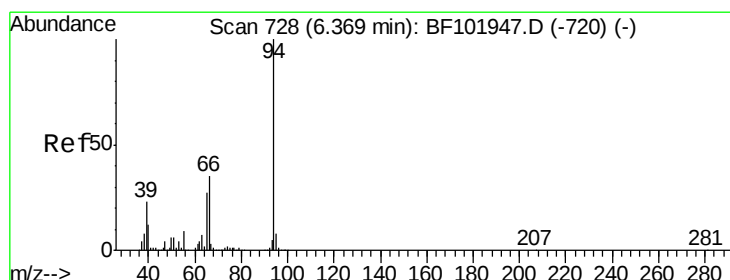
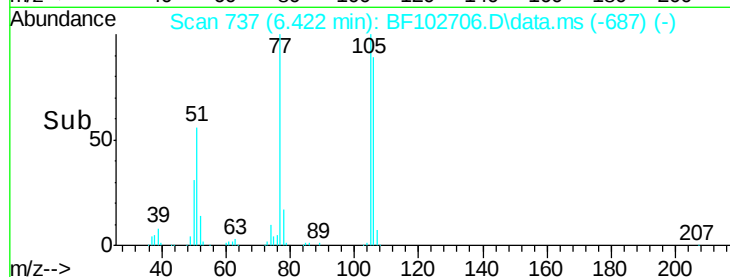
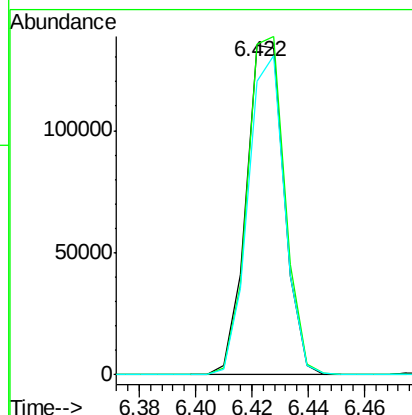
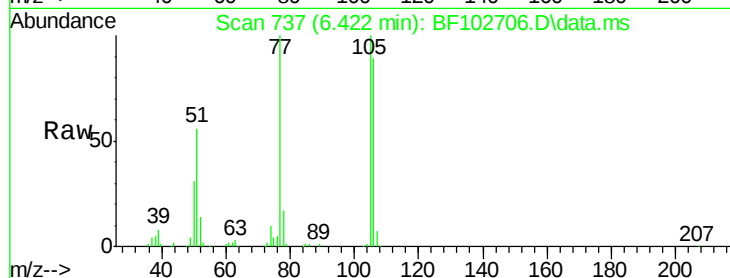
Tot Ion: 77 Resp: 126258

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

106 89.1 74.5 114.5



#10

Phenol

Concen: 9.48 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

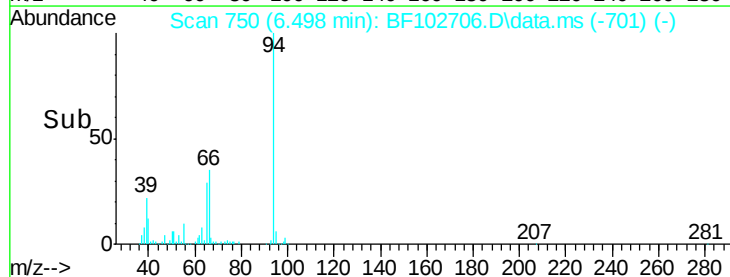
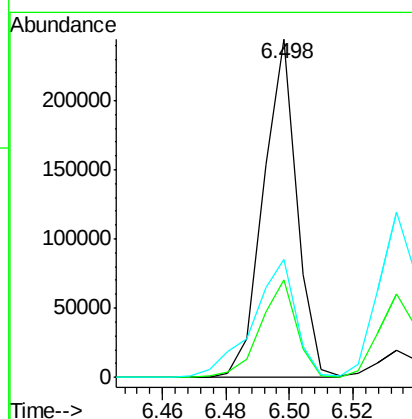
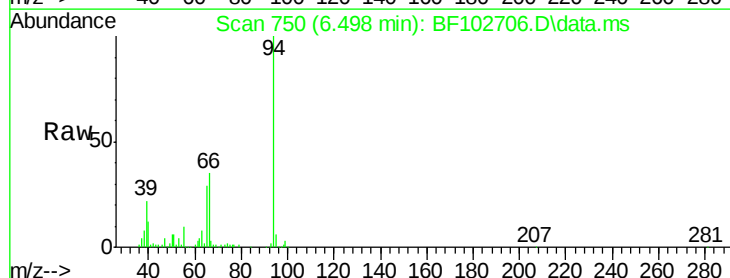
Tgt Ion: 94 Resp: 179892

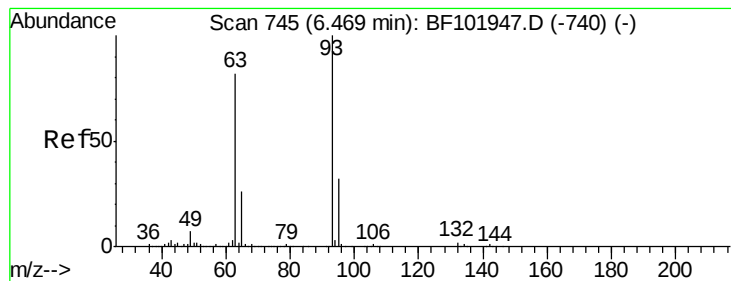
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 34.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 10.22 ng

RT: 6.604 min Scan# 76

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

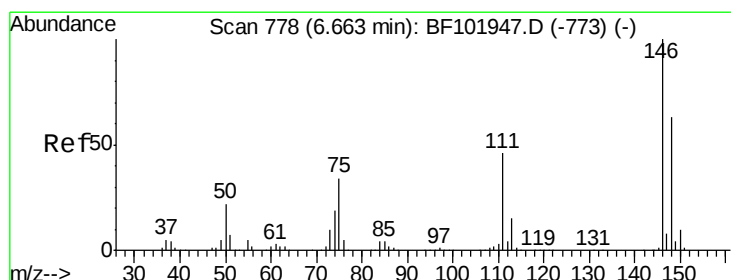
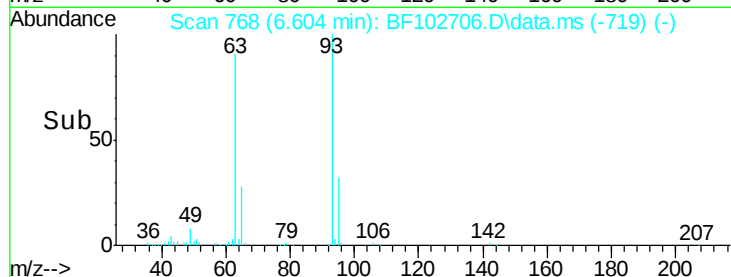
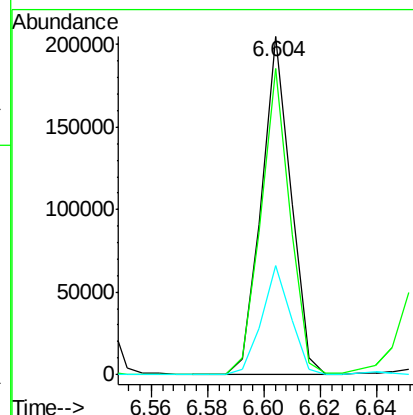
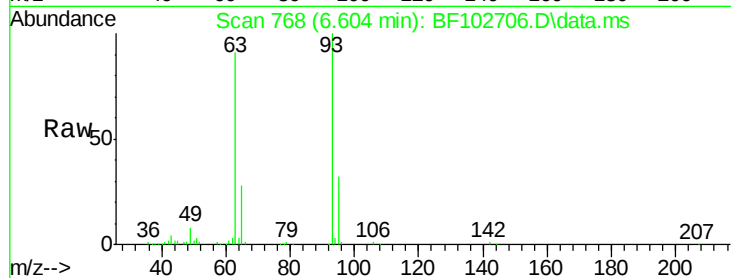
Tot Ion: 93 Resp: 147685

Ion Ratio Lower Upper

93 100

63 90.5 58.6 98.6

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 10.35 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

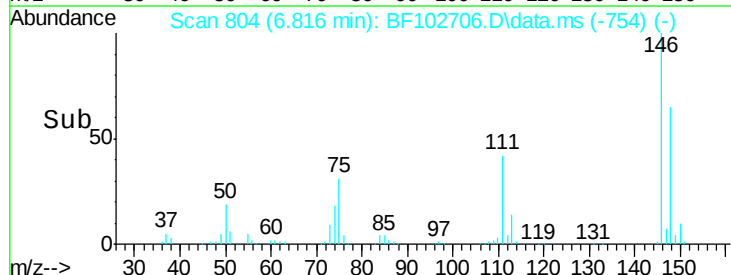
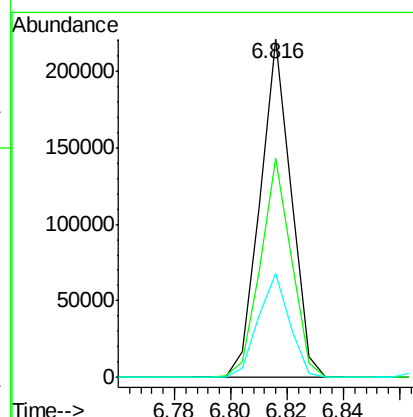
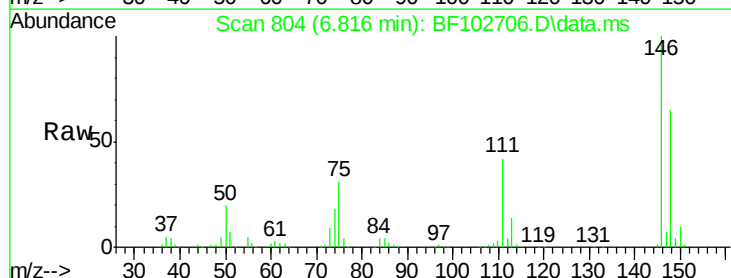
Tgt Ion: 146 Resp: 168430

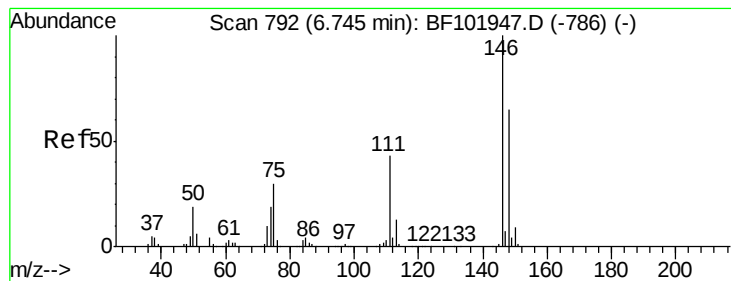
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 30.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 10.25 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

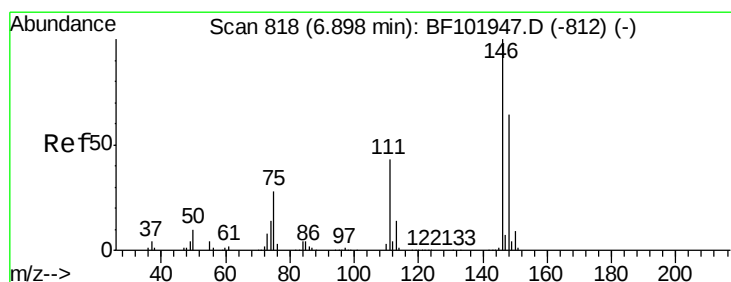
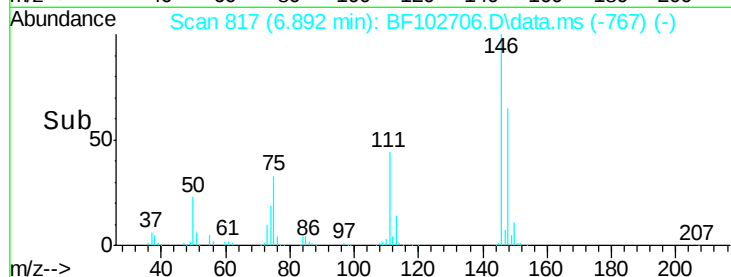
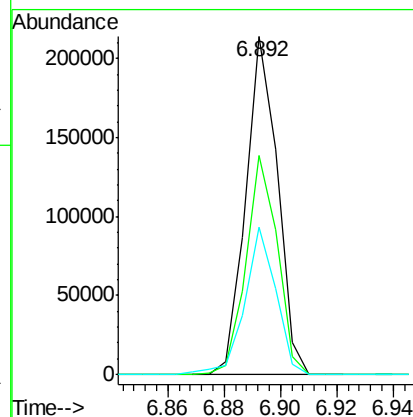
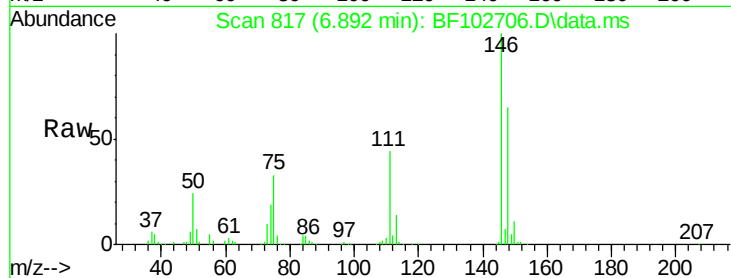
Tot Ion:146 Resp: 166431

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

111 43.7 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 10.69 ng

RT: 7.045 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

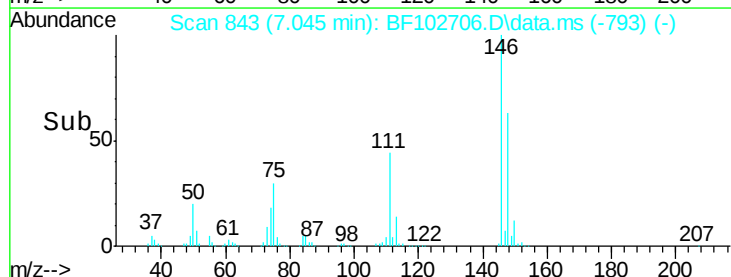
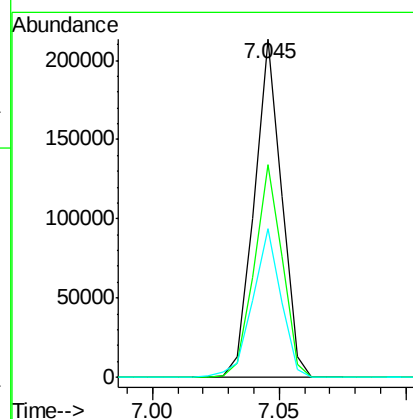
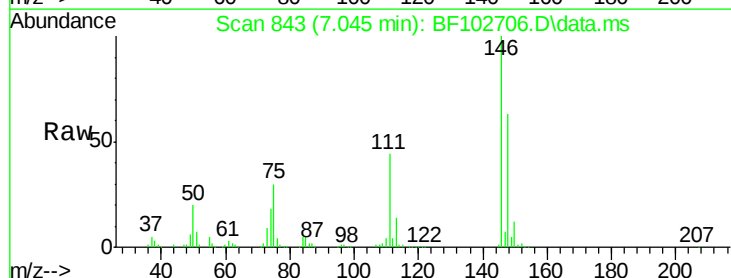
Tgt Ion:146 Resp: 160706

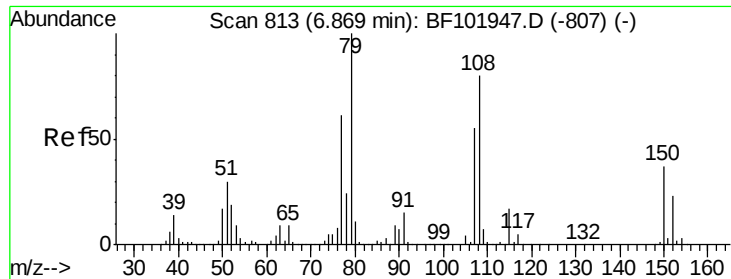
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 44.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 10.21 ng

RT: 7.010 min Scan# 83

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

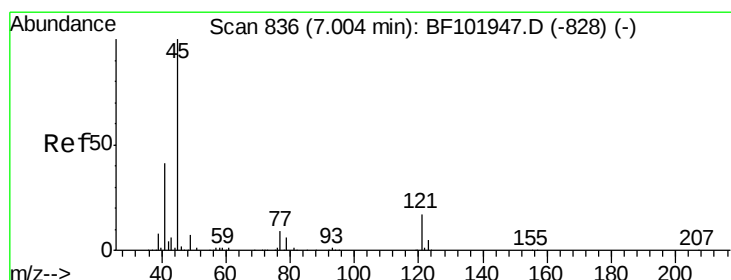
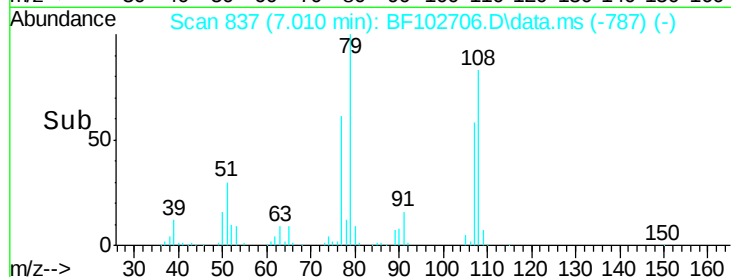
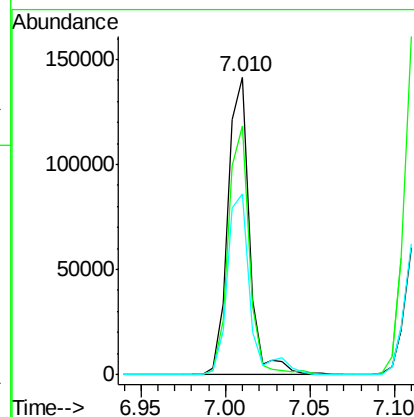
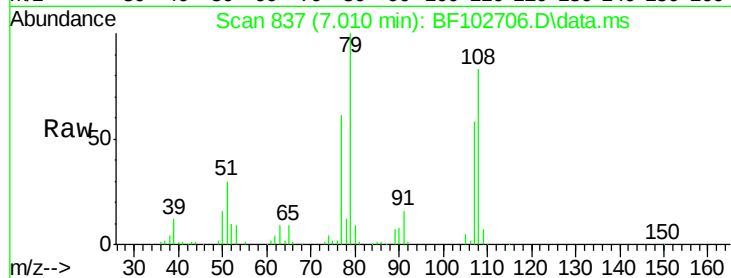
Tot Ion: 79 Resp: 125349

Ion Ratio Lower Upper

79 100

108 83.4 65.1 97.7

77 61.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.40 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

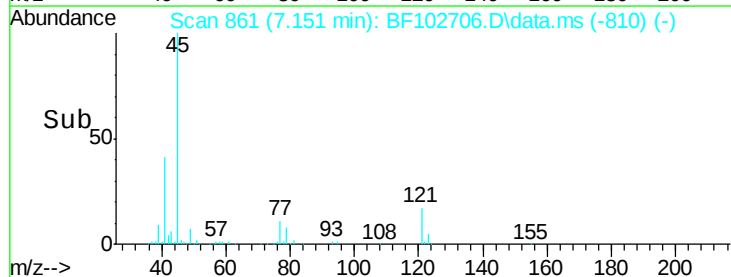
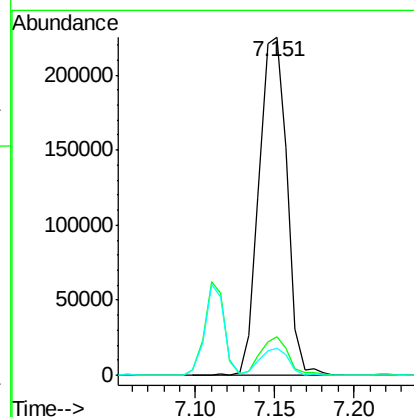
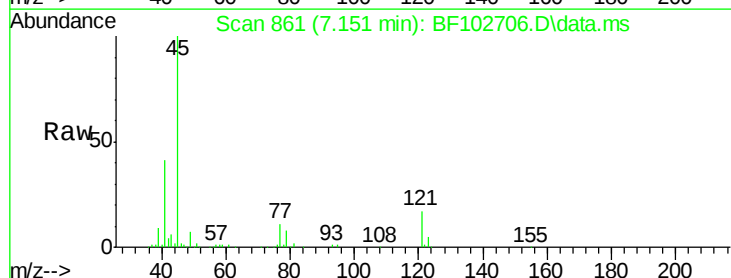
Tgt Ion: 45 Resp: 277017

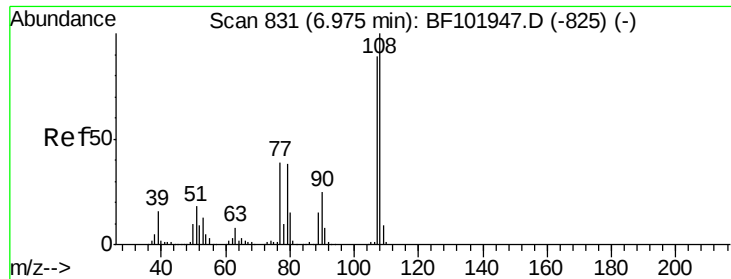
Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

79 8.0 0.0 29.6





#17

2-Methylphenol

Concen: 10.29 ng

RT: 7.110 min Scan# 85

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 131003

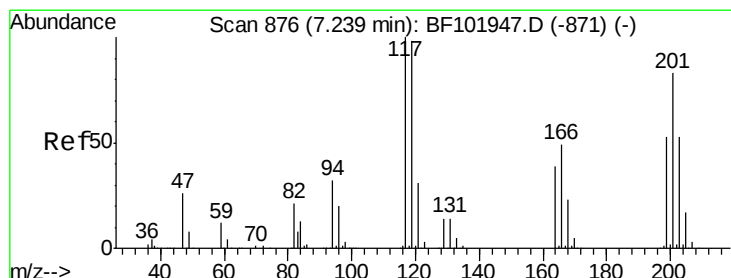
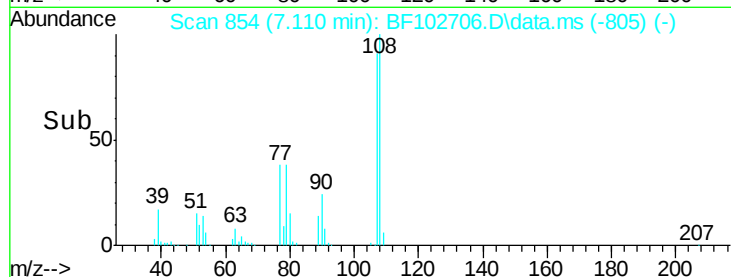
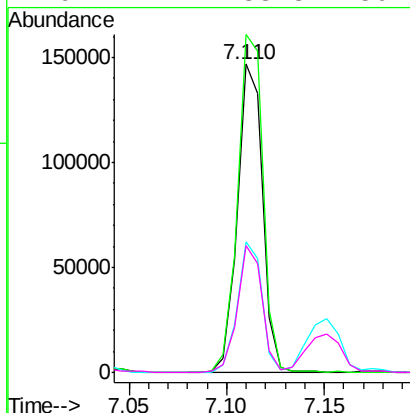
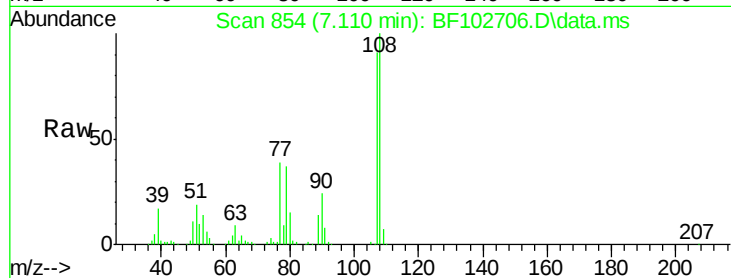
Ion Ratio Lower Upper

107 100

108 109.7 91.7 137.5

77 42.3 33.8 50.8

79 41.1 33.8 50.8



#18

Hexachloroethane

Concen: 9.33 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

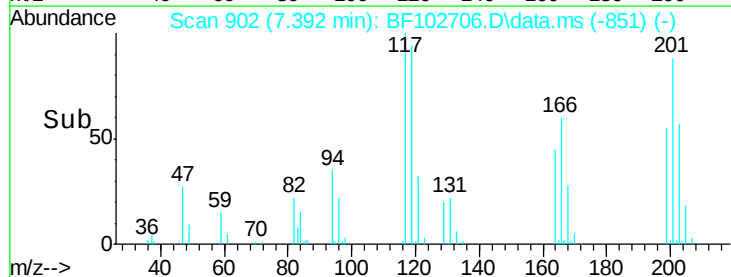
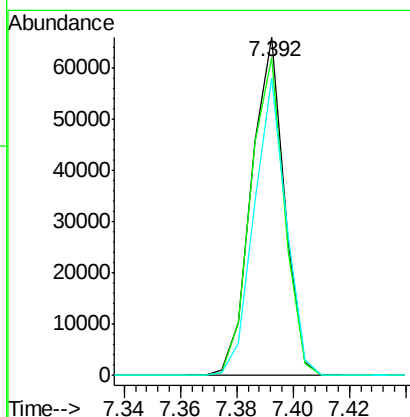
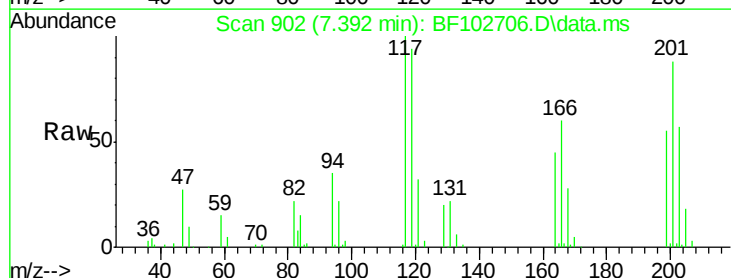
Tgt Ion:117 Resp: 53329

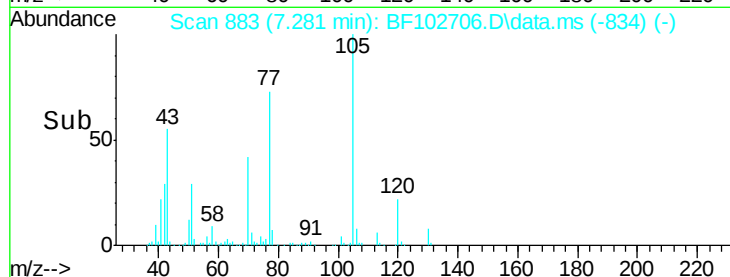
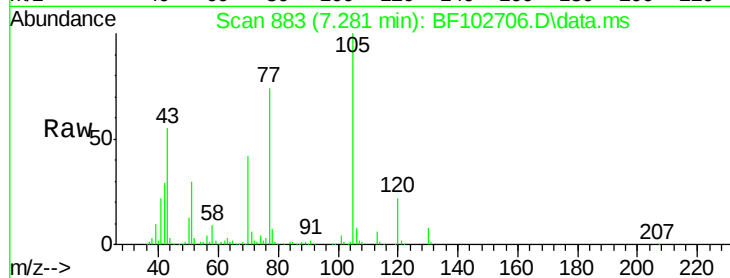
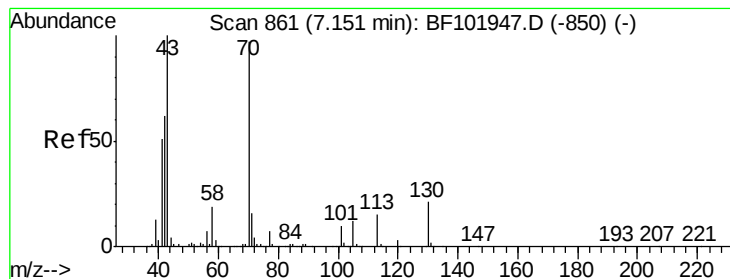
Ion Ratio Lower Upper

117 100

119 94.0 75.8 113.8

201 87.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 10.05 ng

RT: 7.281 min Scan# 88

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 110615

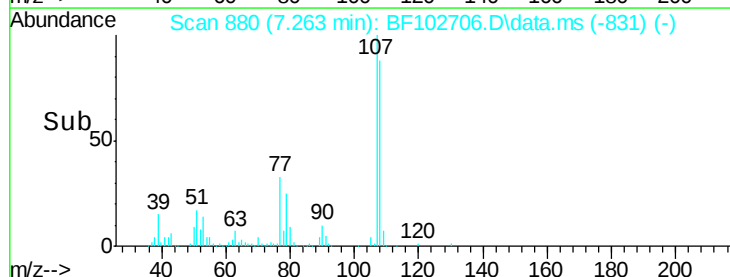
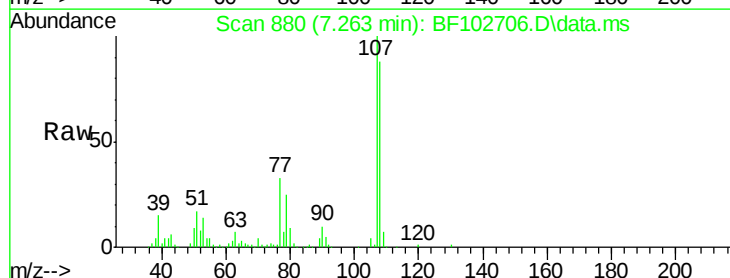
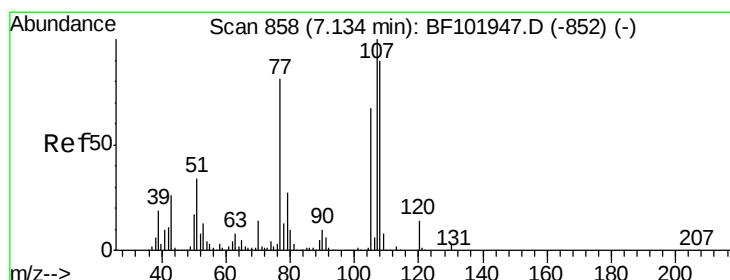
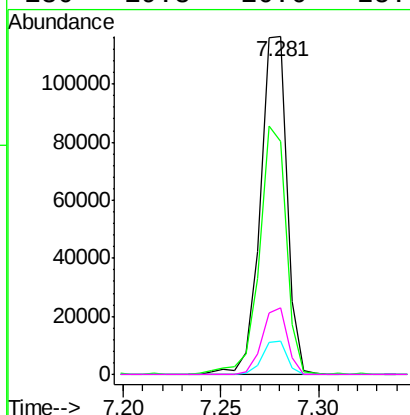
Ion Ratio Lower Upper

70 100

42 68.9 47.5 71.3

101 9.8 7.4 11.2

130 19.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 10.98 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Tgt Ion: 107 Resp: 167936

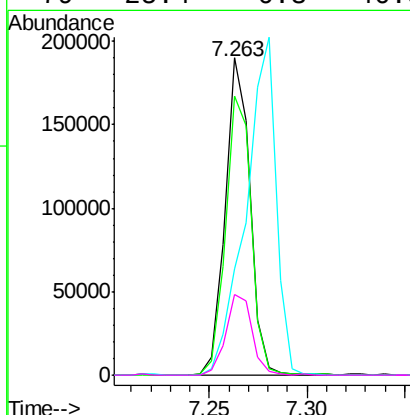
Ion Ratio Lower Upper

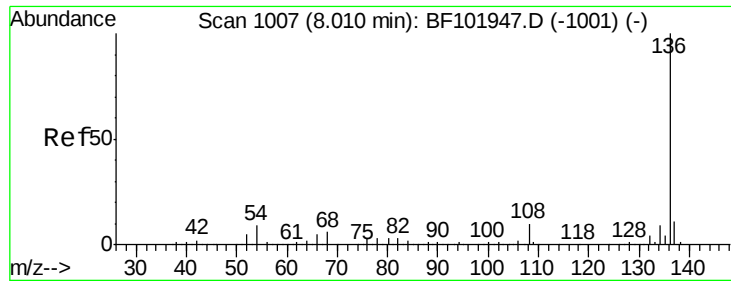
107 100

108 87.8 68.2 108.2

77 33.4 26.7 66.7

79 25.4 6.3 46.3

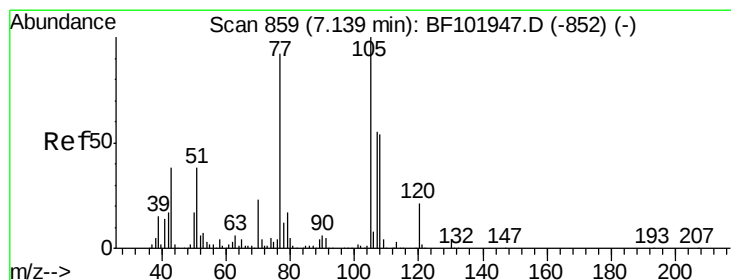
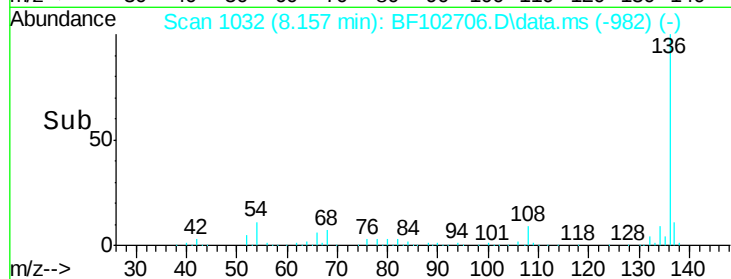
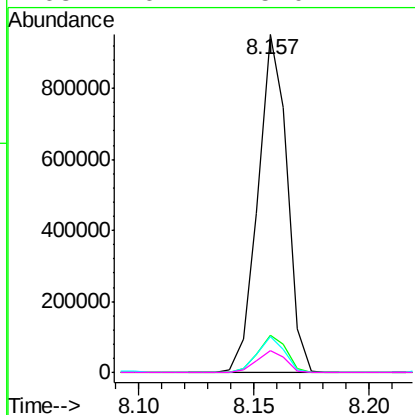
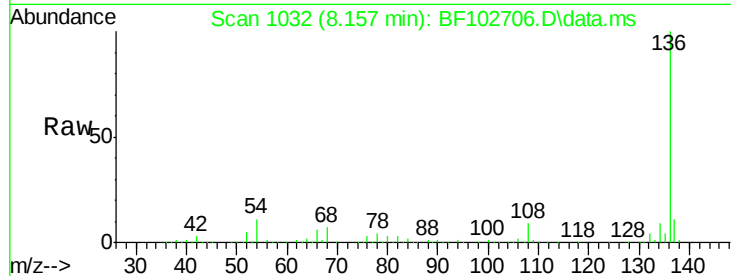




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

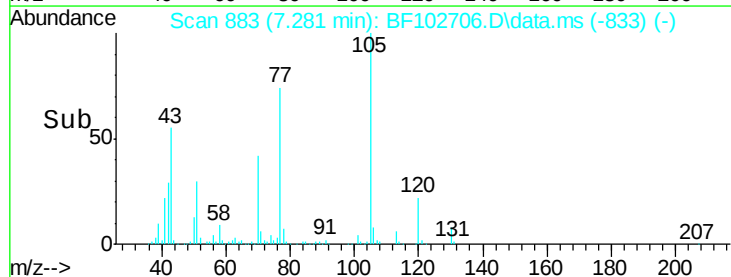
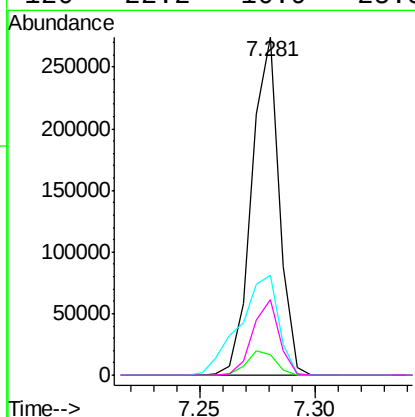
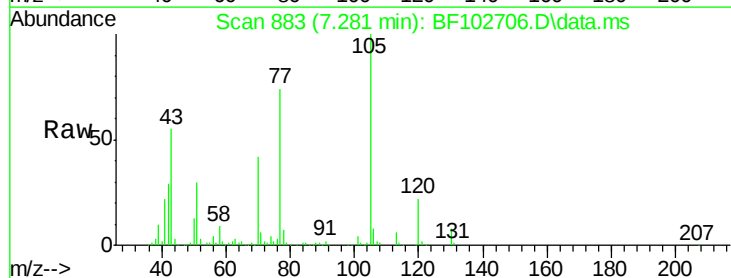
Instrument :
BNA_F
ClientSampleId :

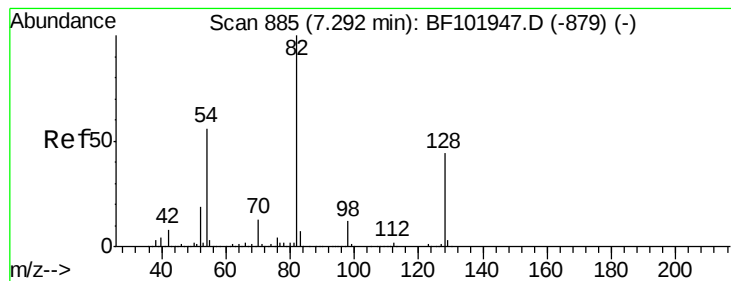
Tot Ion:	136	Resp:	838453
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	10.7	6.6	9.8
68	6.7	5.0	7.4



#22
Acetophenone
Concen: 11.33 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion:	105	Resp:	228898
Ion Ratio	Lower	Upper	
105	100		
71	6.2	4.4	6.6
51	29.8	22.3	33.5
120	22.2	16.9	25.3





#23

Nitrobenzene-d5

Concen: 13.84 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

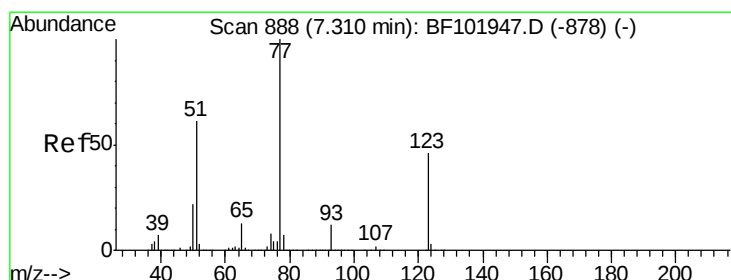
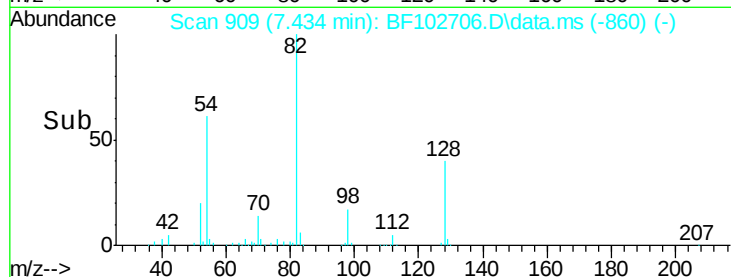
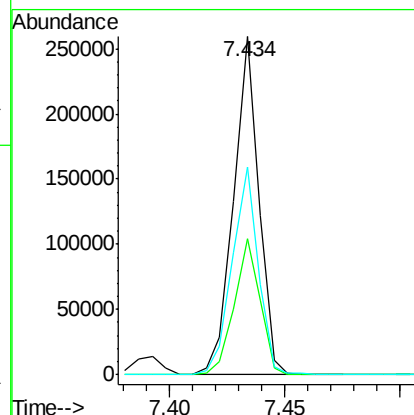
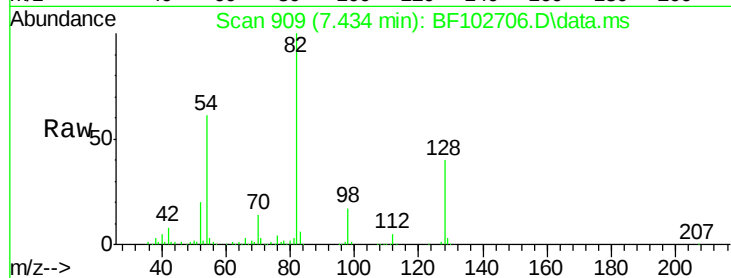
Tot Ion: 82 Resp: 197473

Ion Ratio Lower Upper

82 100

128 40.4 36.1 54.1

54 61.3 41.4 62.2



#24

Nitrobenzene

Concen: 8.53 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

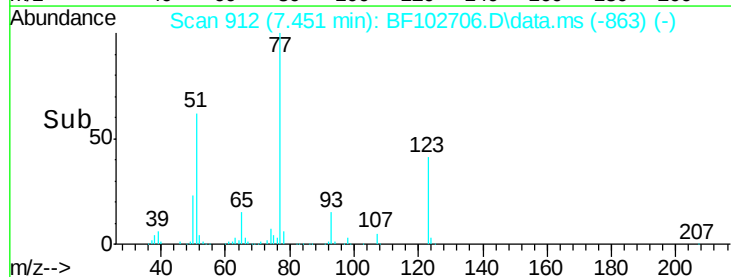
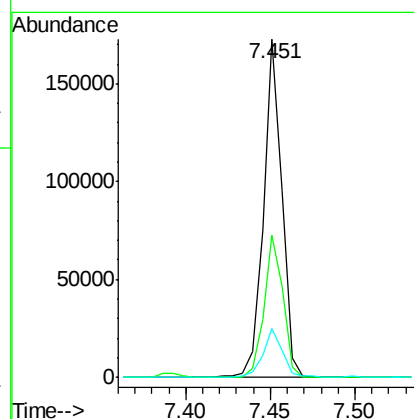
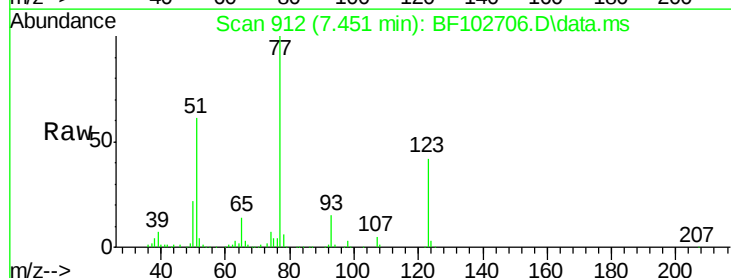
Tgt Ion: 77 Resp: 130771

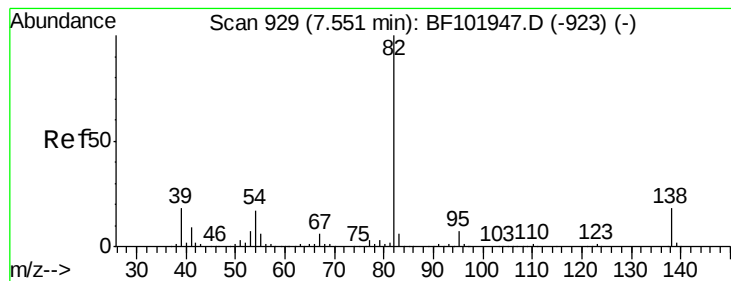
Ion Ratio Lower Upper

77 100

123 41.9 37.9 56.9

65 14.5 11.0 16.4





#25

Isophorone

Concen: 10.18 ng

RT: 7.686 min Scan# 95

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

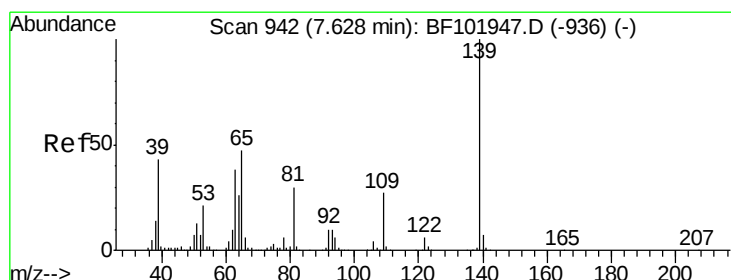
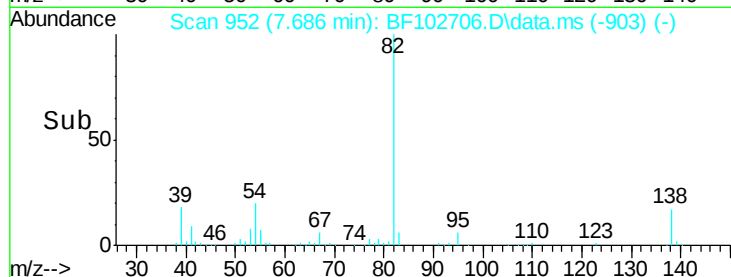
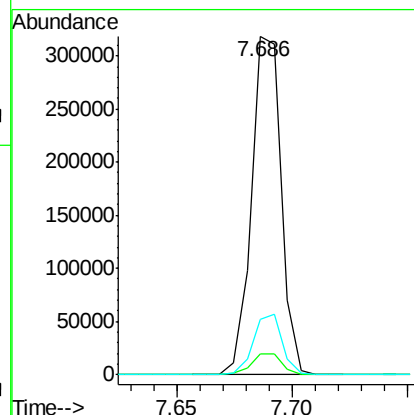
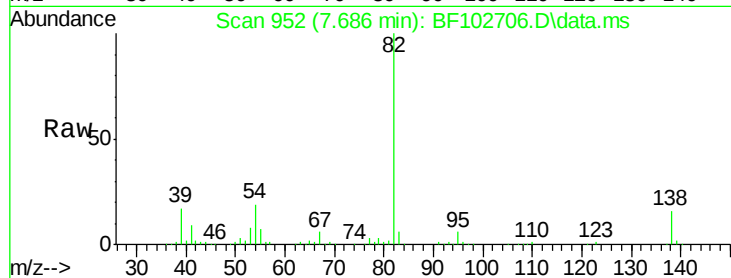
Tot Ion: 82 Resp: 287063

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 16.3 14.9 22.3



#26

2-Nitrophenol

Concen: 3.87 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

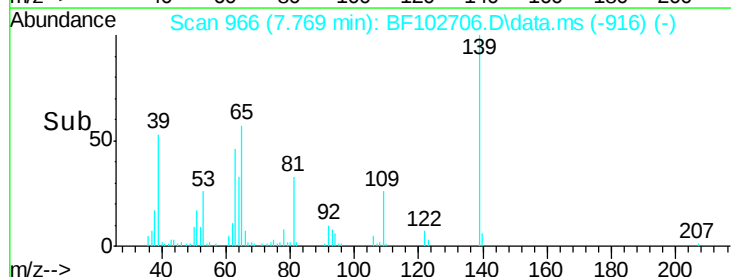
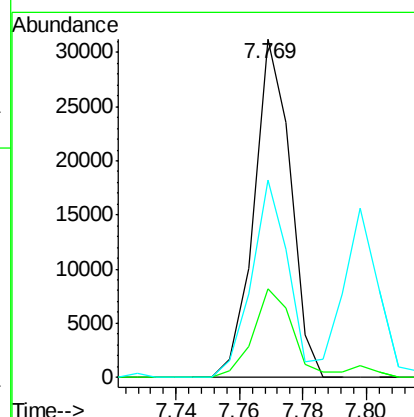
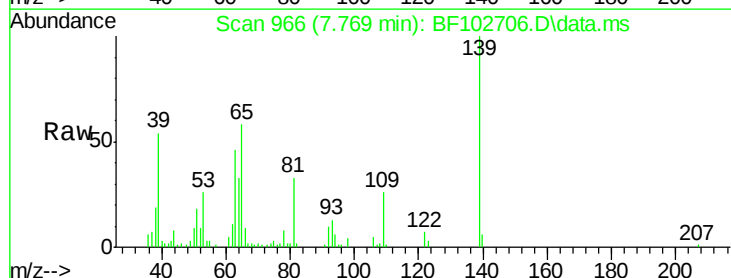
Tgt Ion: 139 Resp: 24841

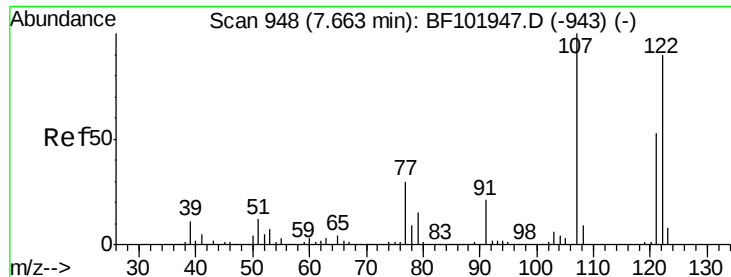
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 58.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 10.12 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

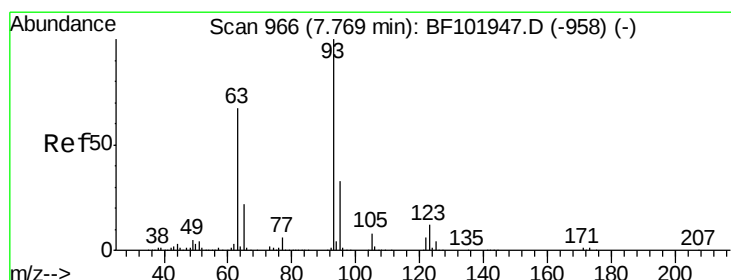
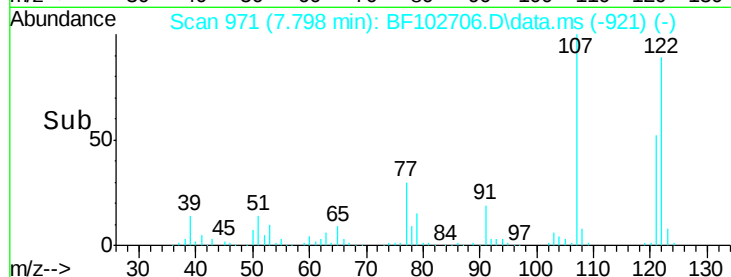
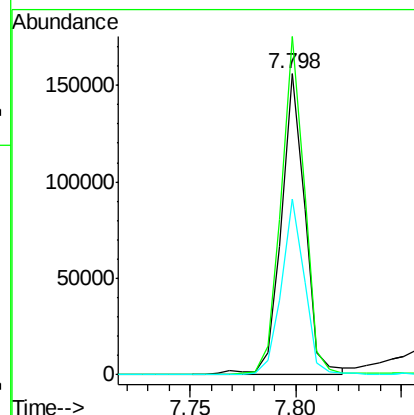
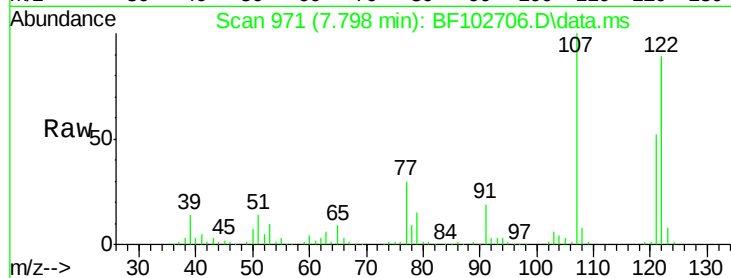
Tot Ion:122 Resp: 121273

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

121 58.4 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.31 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

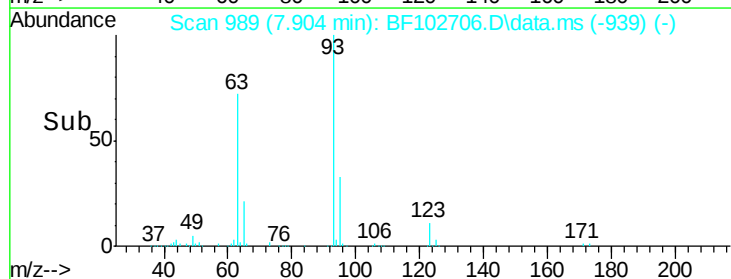
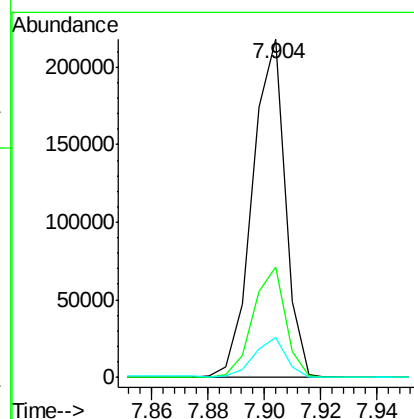
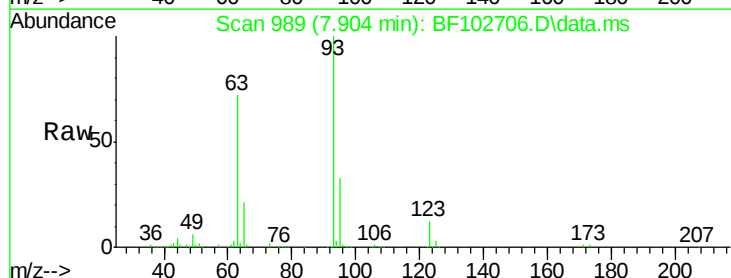
Tgt Ion: 93 Resp: 175582

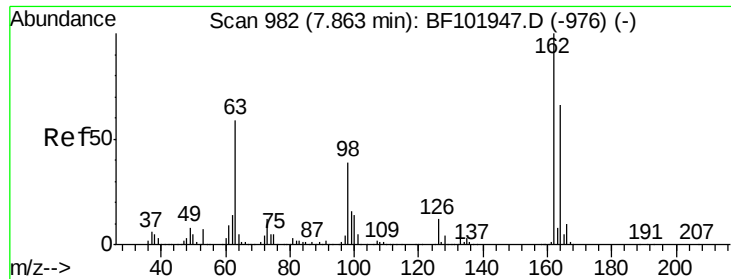
Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 11.7 9.8 14.6

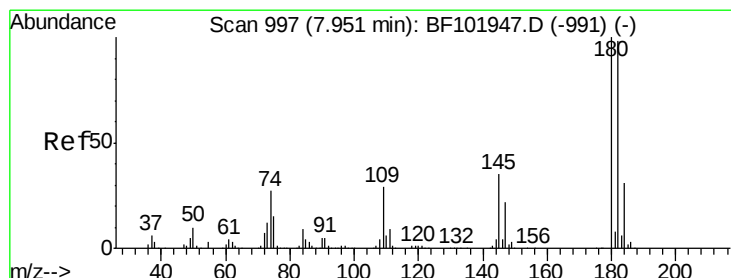
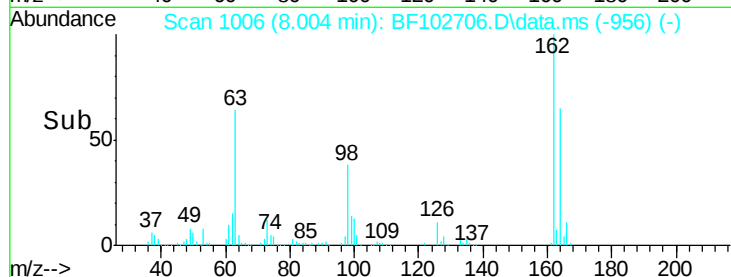
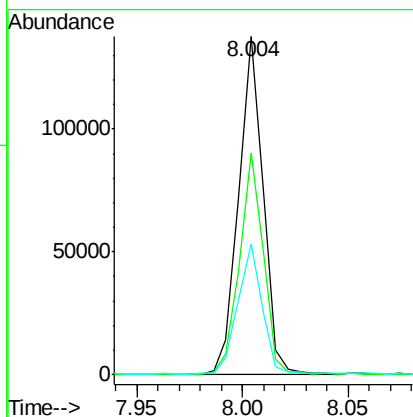
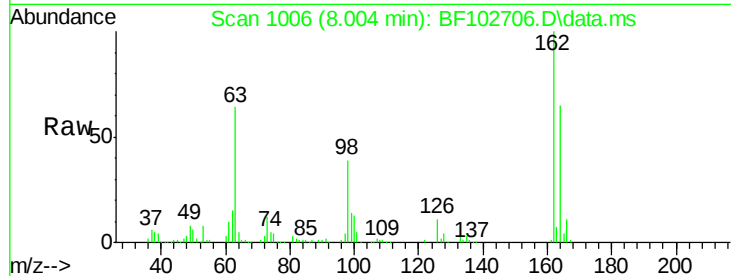




#29
2,4-Dichlorophenol
Concen: 9.64 ng
RT: 8.004 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

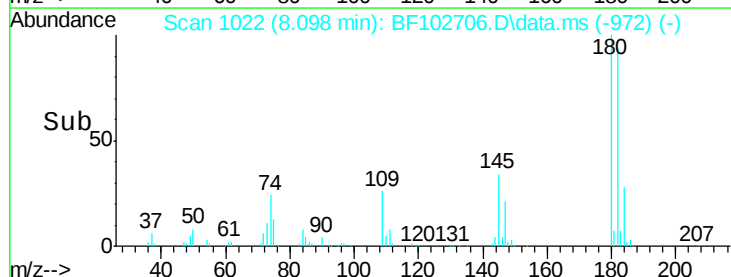
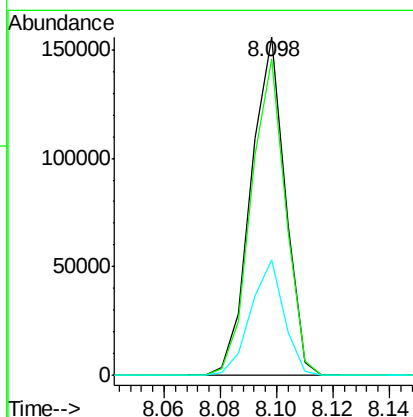
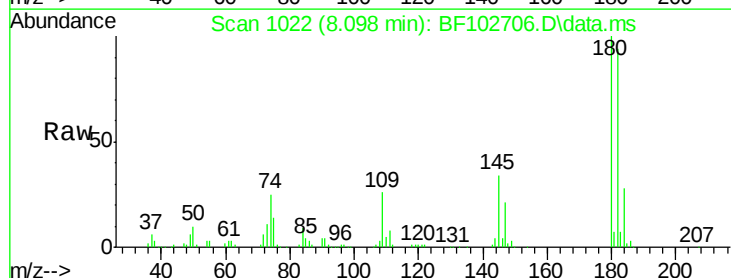
Instrument :
BNA_F
ClientSampleId :

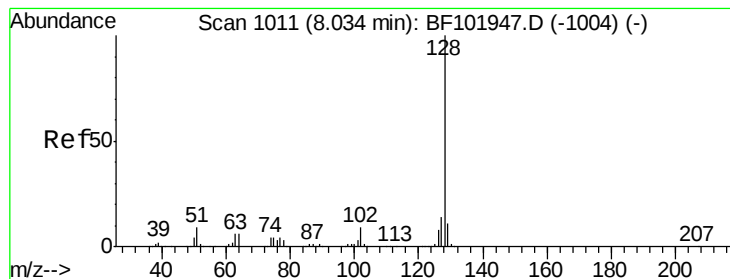
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.7	82.7
98	38.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 11.01 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	34.0	26.5	39.7





#31

Naphthalene

Concen: 10.69 ng

RT: 8.181 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

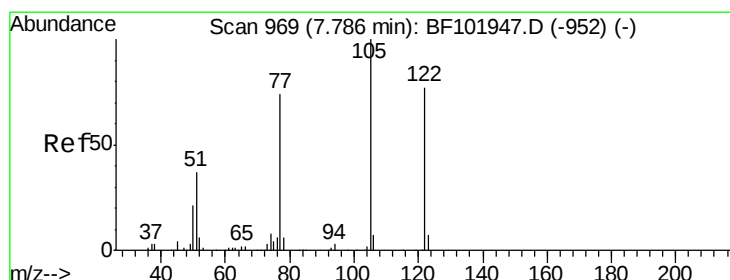
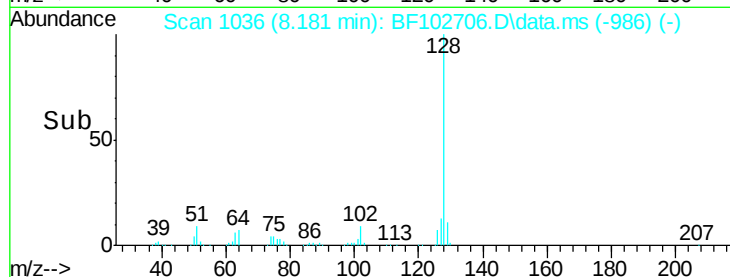
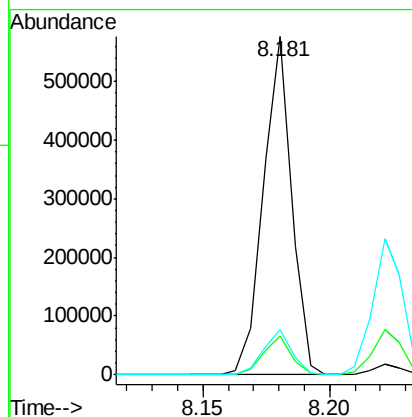
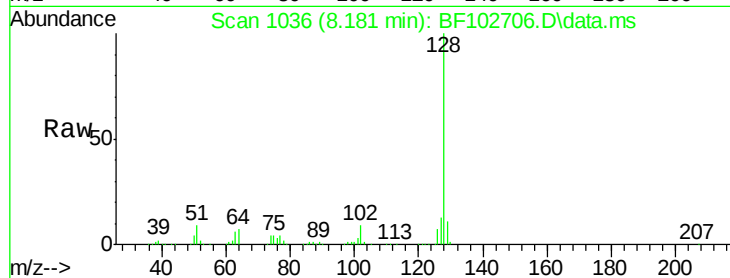
Tot Ion:128 Resp: 448002

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 3.30 ng

RT: 7.863 min Scan# 982

Delta R.T. -0.053 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

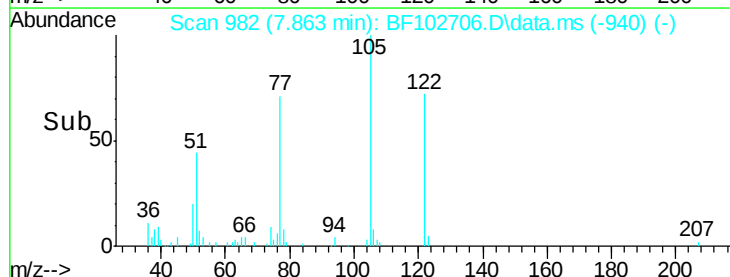
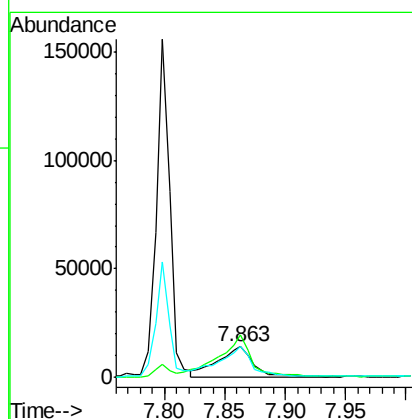
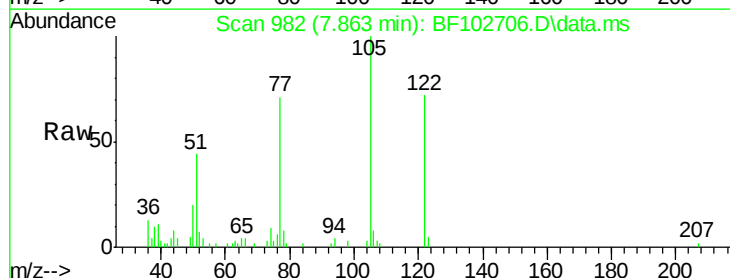
Tgt Ion:122 Resp: 30031

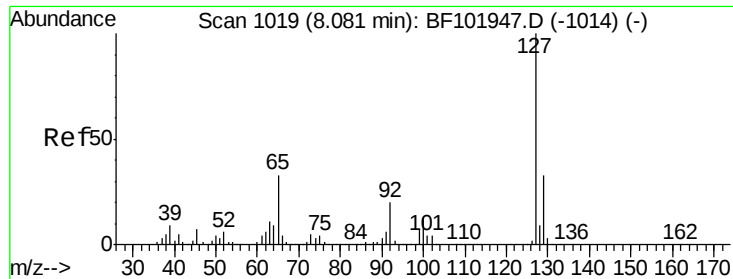
Ion Ratio Lower Upper

122 100

105 138.1 101.1 141.1

77 98.7 70.7 110.7

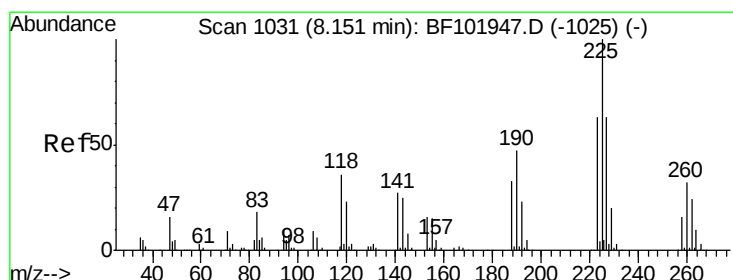
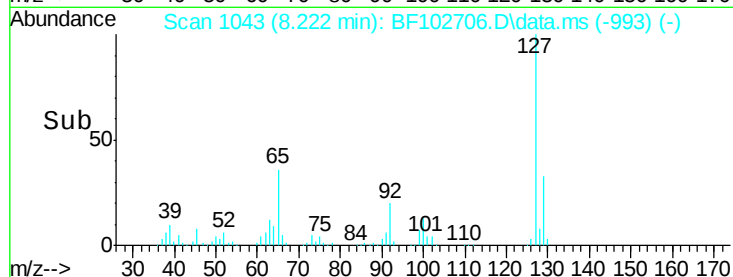
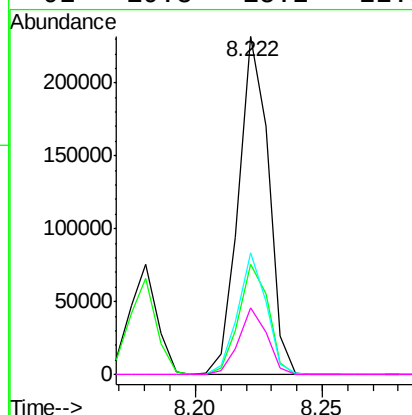
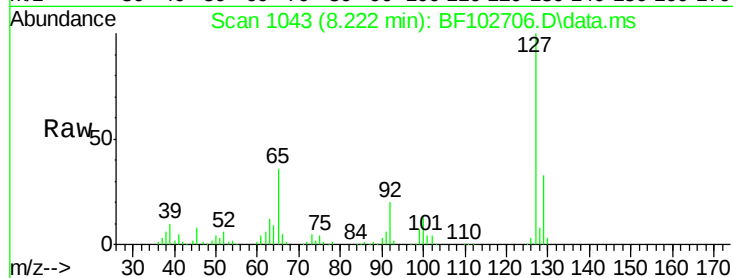




#33
4-Chloroaniline
Concen: 10.65 ng
RT: 8.222 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

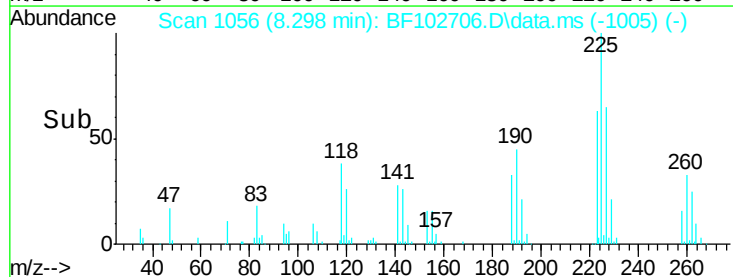
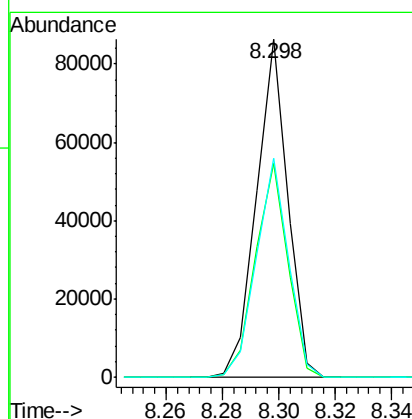
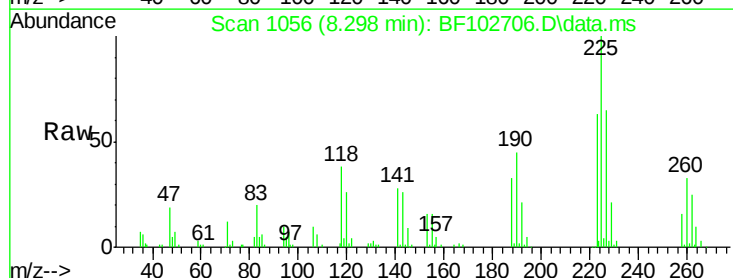
Instrument :
BNA_F
ClientSampleId :

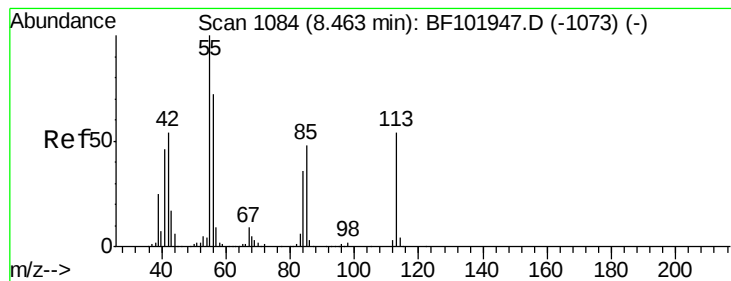
Tot Ion:	127	Resp:	190515
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	36.0	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 10.56 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion:	225	Resp:	66503
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 9.34 ng

RT: 8.557 min Scan# 1110

Delta R.T. -0.047 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

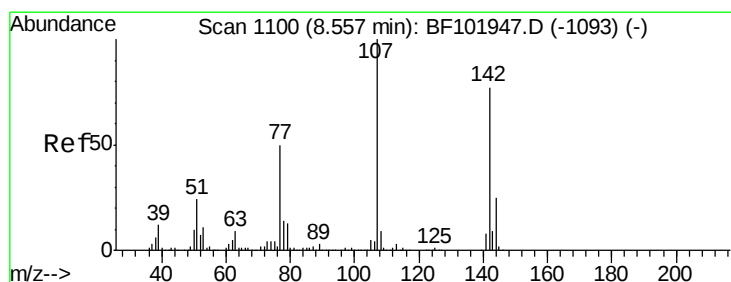
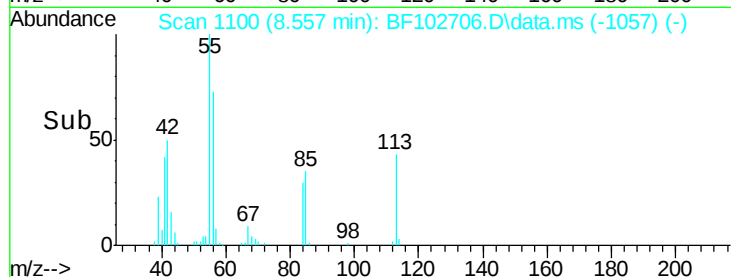
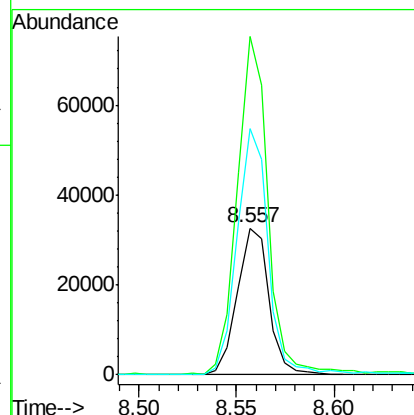
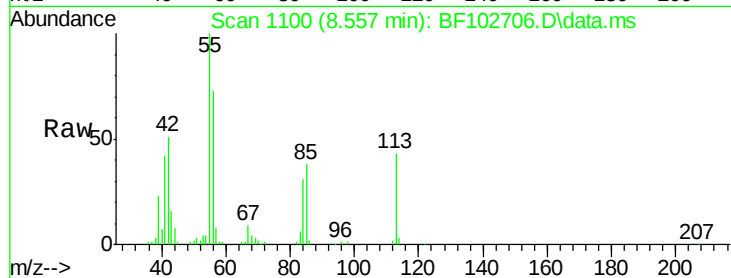
Tot Ion:113 Resp: 36483

Ion Ratio Lower Upper

113 100

55 231.3 163.3 203.3#

56 168.0 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 10.03 ng

RT: 8.692 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

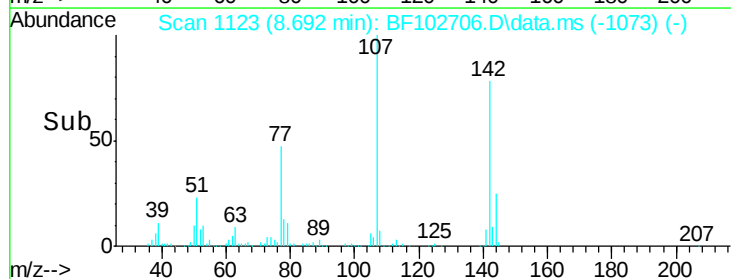
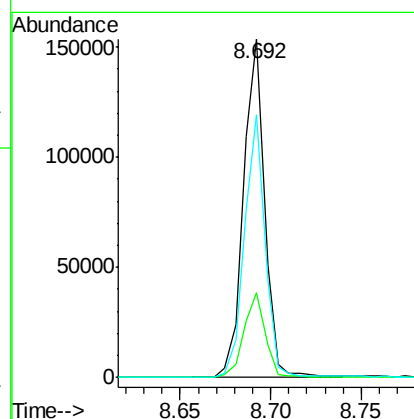
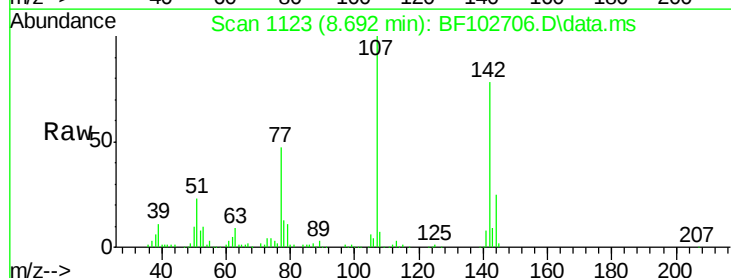
Tgt Ion:107 Resp: 124939

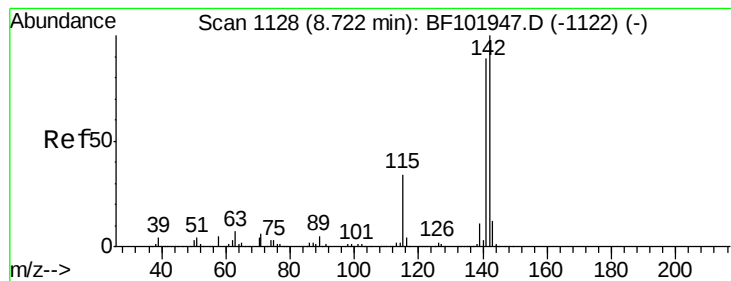
Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

142 77.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 10.62 ng

RT: 8.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF102706.D

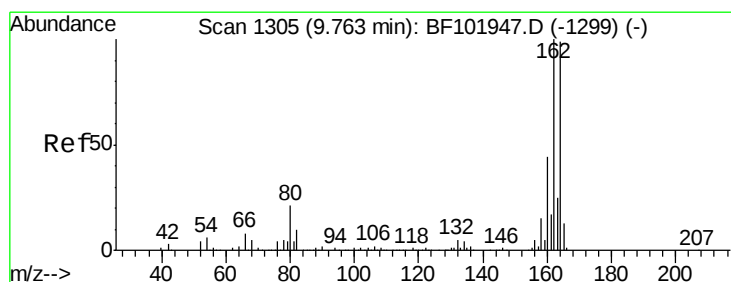
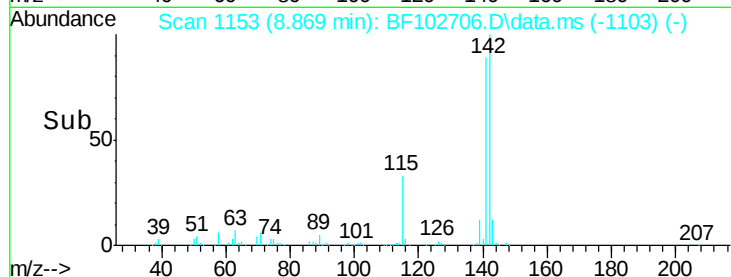
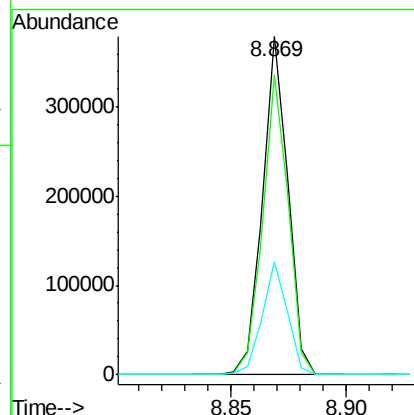
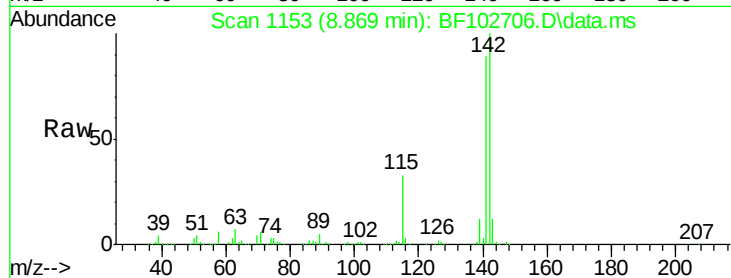
Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	142	Resp:	292877
Ion Ratio	Lower	Upper	
142	100		
141	88.8	70.8	106.2
115	33.2	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

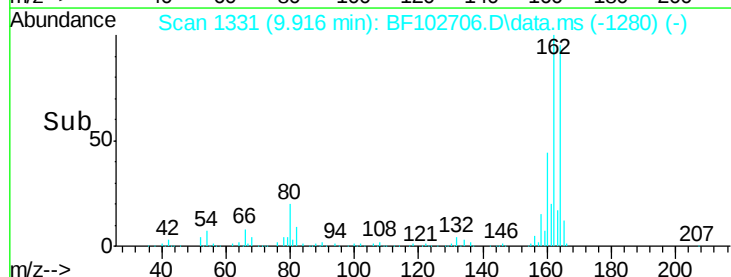
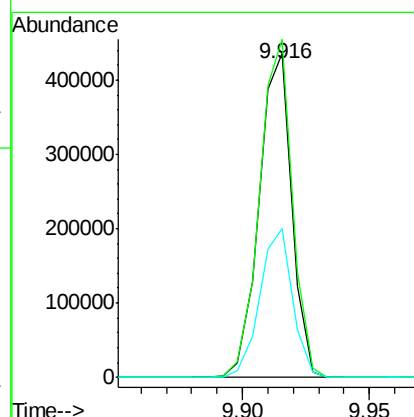
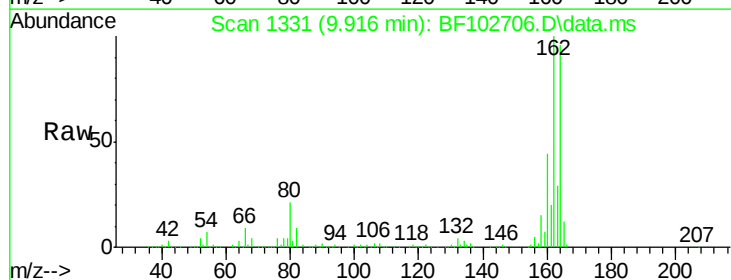
RT: 9.916 min Scan# 1331

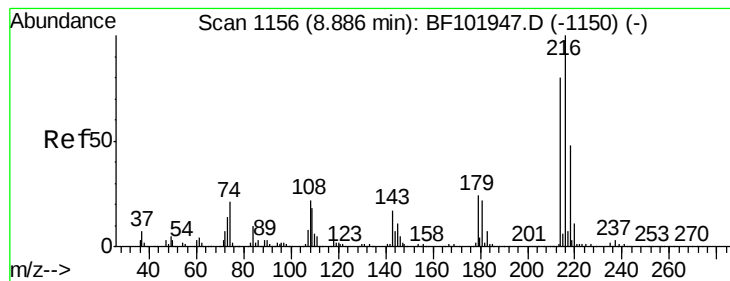
Delta R.T. 0.000 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Tgt Ion:	164	Resp:	389200
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.59 ng

RT: 9.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF102706.D

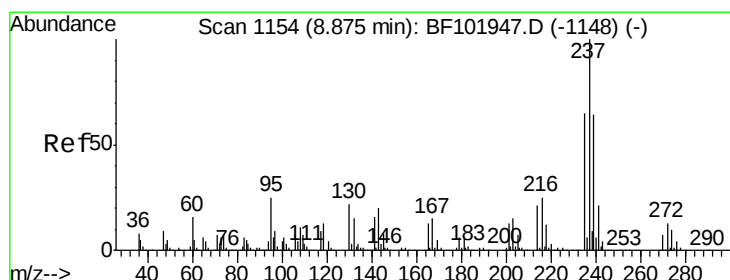
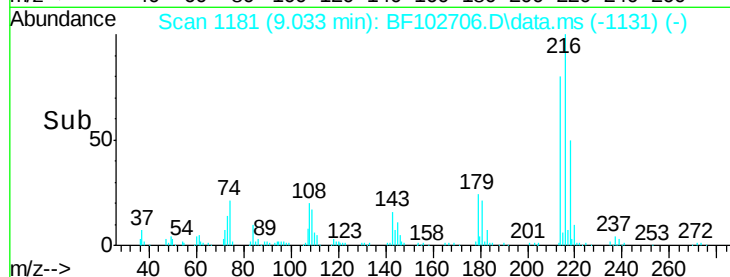
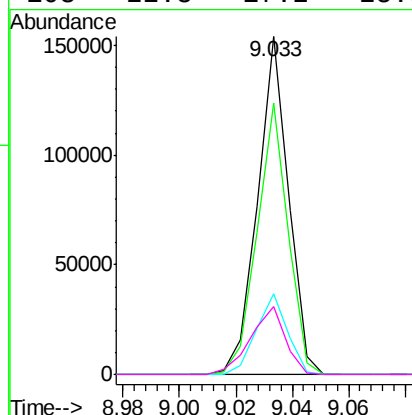
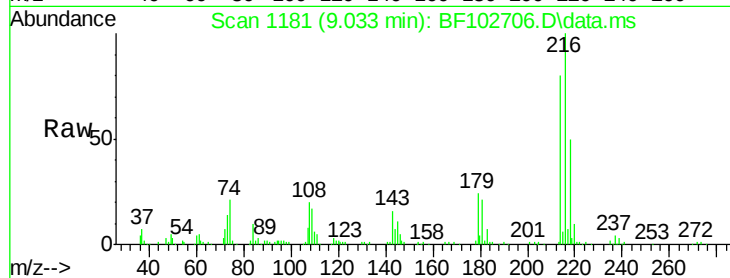
Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	116654
Ion Ratio		Lower	Upper
216	100		
214	80.4	63.0	94.4
179	24.1	18.1	27.1
108	22.8	17.2	25.8



#40

Hexachlorocyclopentadiene

Concen: 7.73 ng

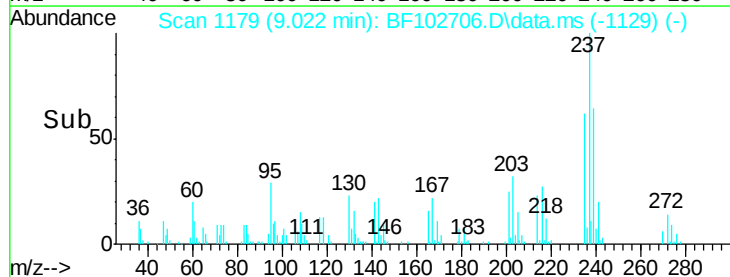
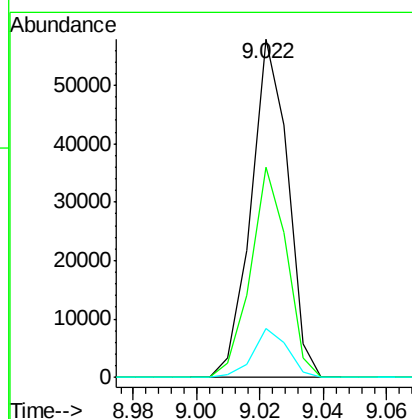
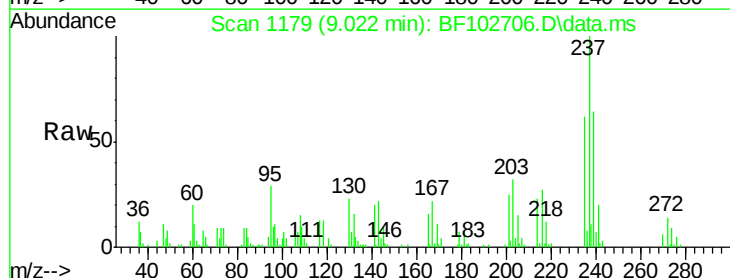
RT: 9.022 min Scan# 1179

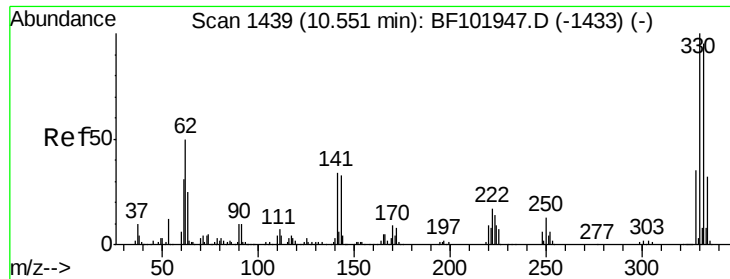
Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Tgt Ion:	237	Resp:	46560
Ion Ratio		Lower	Upper
237	100		
235	62.2	44.8	84.8
272	14.3	0.0	33.3

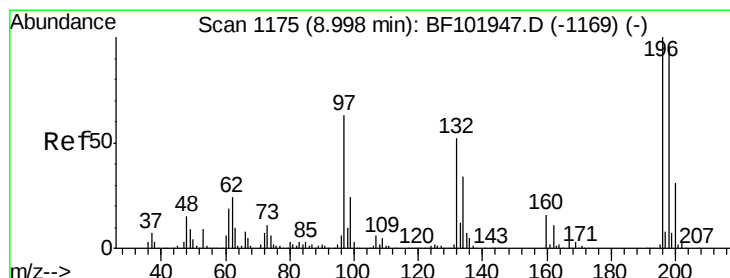
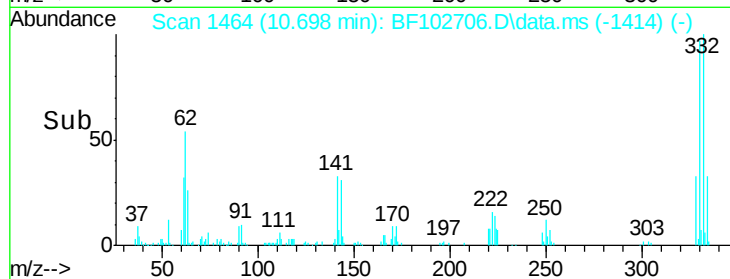
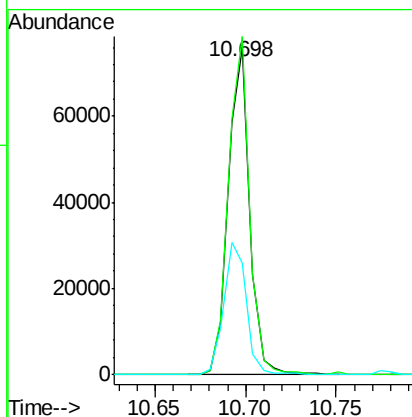
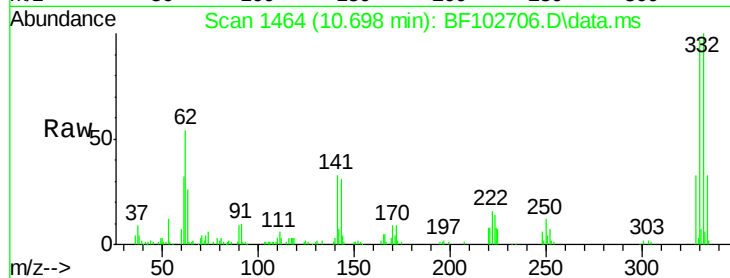




#41
 2,4,6-Tribromophenol
 Concen: 18.45 ng
 RT: 10.698 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

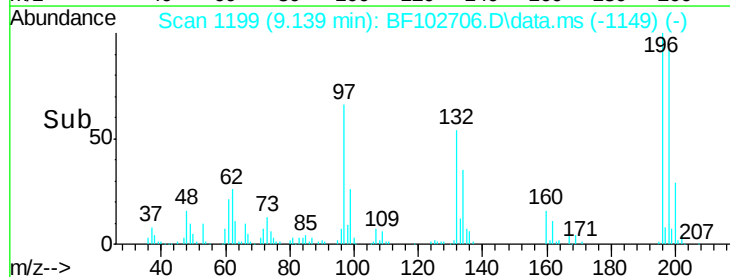
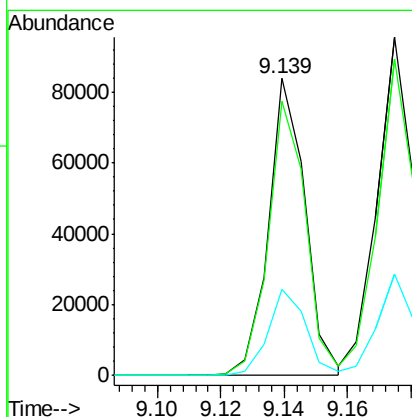
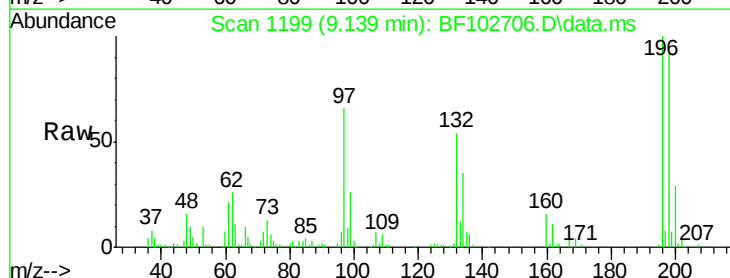
Instrument :
 BNA_F
 ClientSampled :

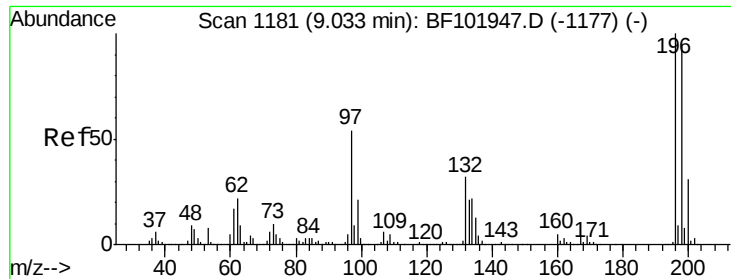
Tot Ion:330 Resp: 62653
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.0 115.6
 141 42.3 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 8.89 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

Tgt Ion:196 Resp: 67492
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.7 113.5
 200 29.1 24.5 36.7

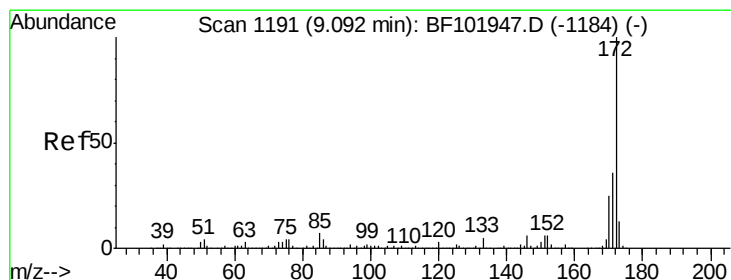
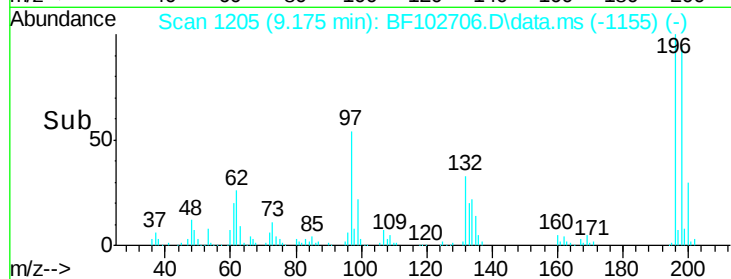
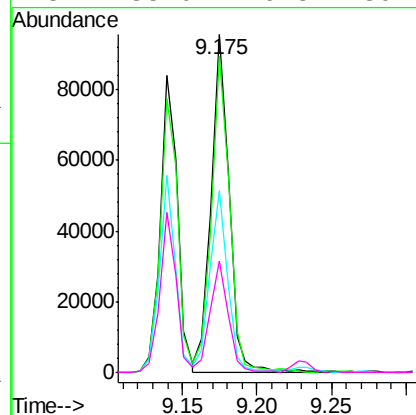
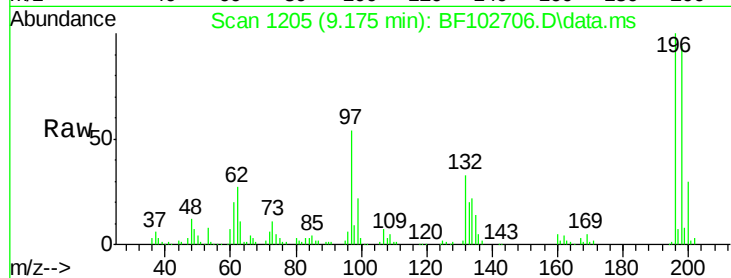




#43
2,4,5-Trichlorophenol
Concen: 9.36 ng
RT: 9.175 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

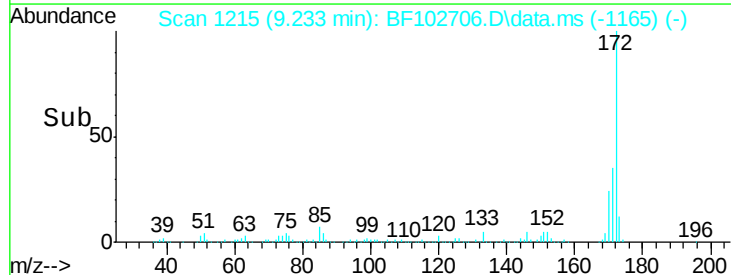
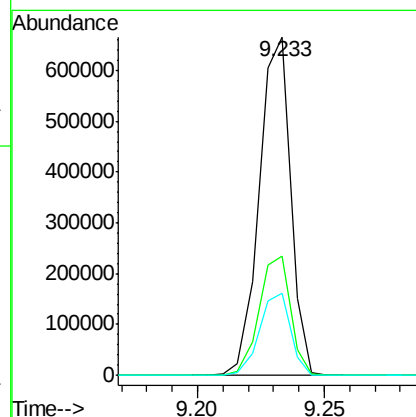
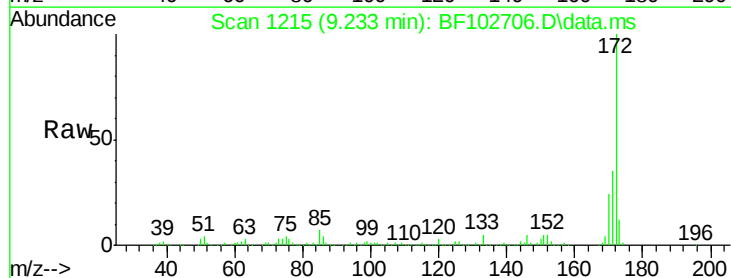
Instrument :
BNA_F
ClientSampleId :

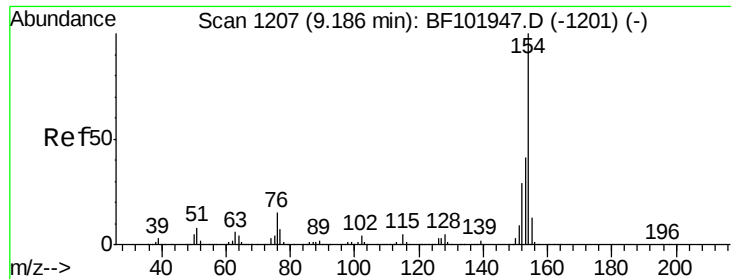
Tot Ion:196 Resp: 80262
Ion Ratio Lower Upper
196 100
198 93.7 74.6 112.0
97 54.0 42.9 64.3
132 33.0 26.3 39.5



#44
2-Fluorobiphenyl
Concen: 23.20 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion:172 Resp: 578070
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 24.3 19.6 29.4

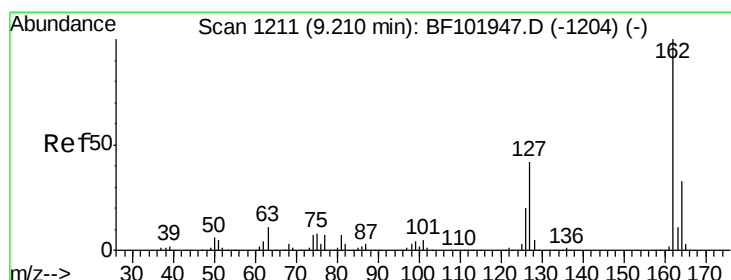
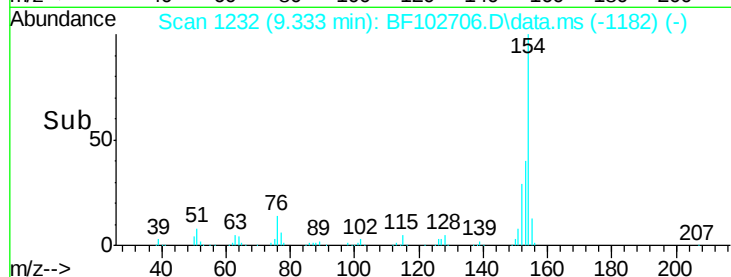
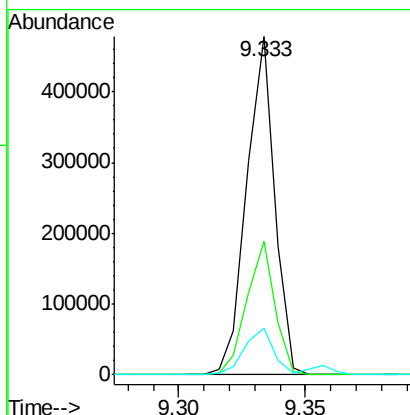
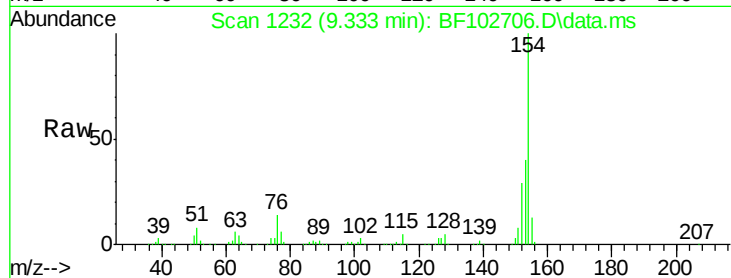




#45
 1,1'-Biphenyl
 Concen: 10.70 ng
 RT: 9.333 min Scan# 1207
 Delta R.T. -0.006 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

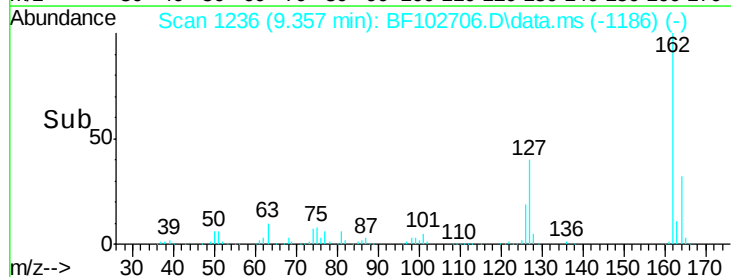
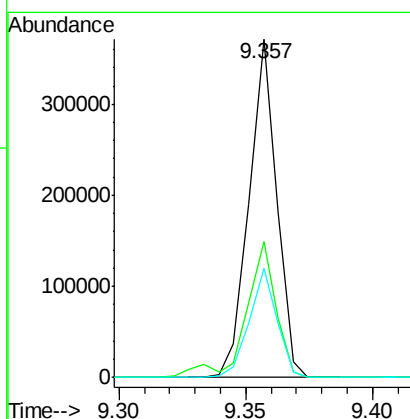
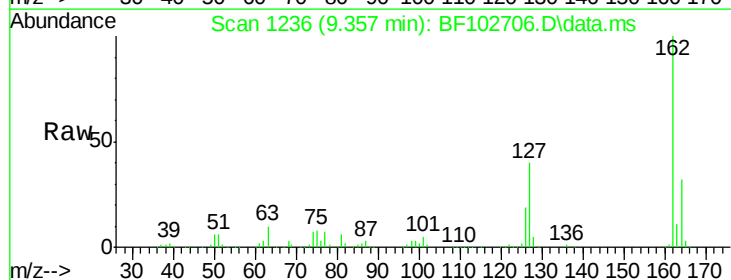
Instrument :
 BNA_F
 ClientSampled :

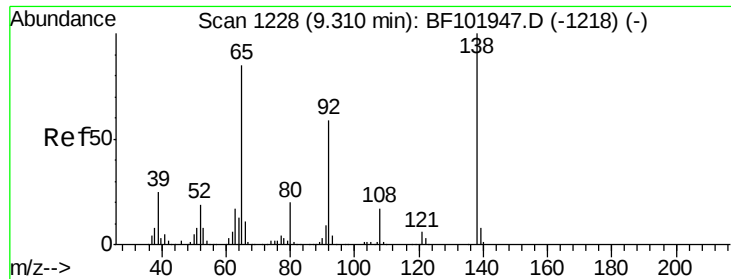
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.3	61.3
76	13.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 10.59 ng
 RT: 9.357 min Scan# 1236
 Delta R.T. -0.006 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	32.3	26.5	39.7

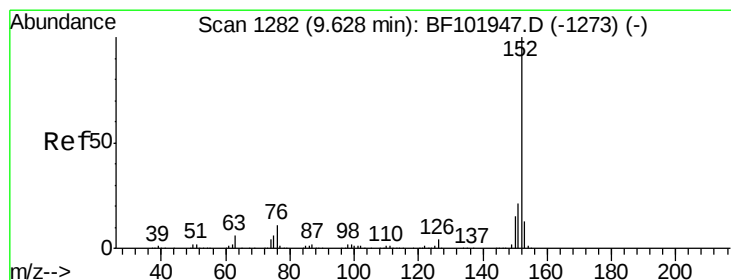
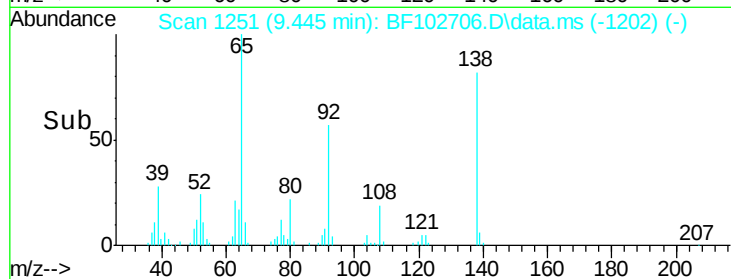
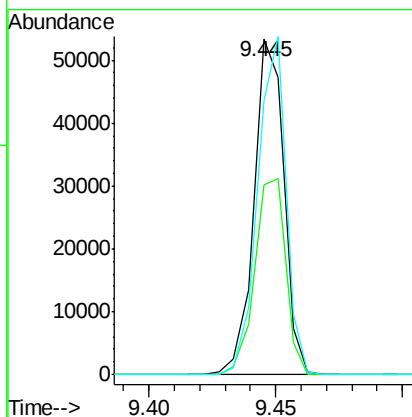
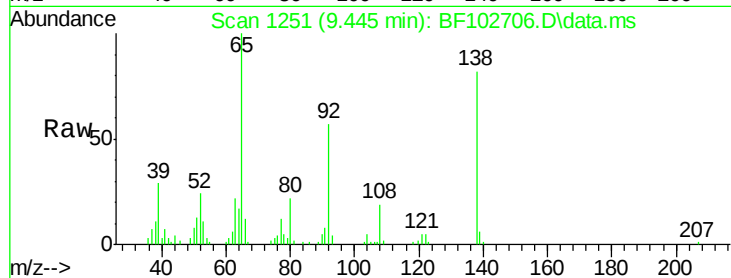




#47
2-Nitroaniline
Concen: 5.50 ng
RT: 9.445 min Scan# 12
Delta R.T. -0.012 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

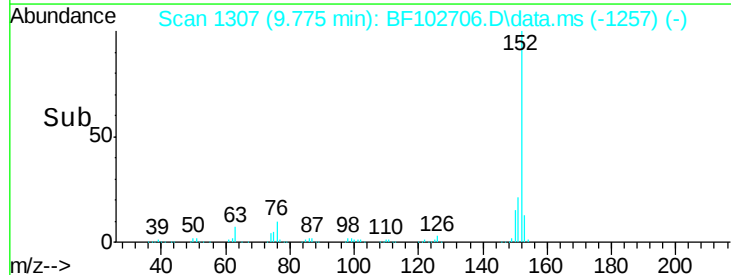
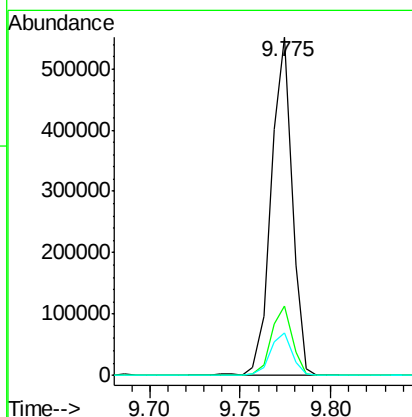
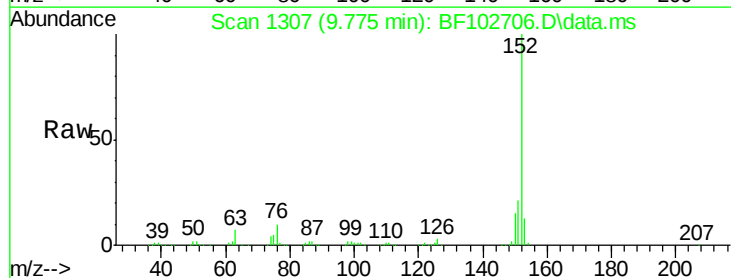
Instrument :
BNA_F
ClientSampleId :

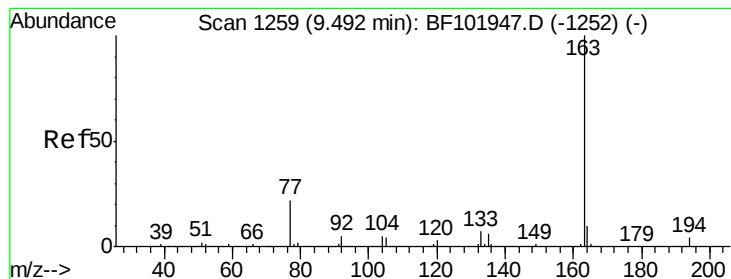
Tot Ion: 65 Resp: 43943
Ion Ratio Lower Upper
65 100
92 56.6 55.8 83.6
138 81.5 91.2 136.8#



#48
Acenaphthylene
Concen: 10.48 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion:152 Resp: 443589
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 12.5 10.7 16.1





#49

Dimethylphthalate

Concen: 10.33 ng

RT: 9.627 min Scan# 12

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

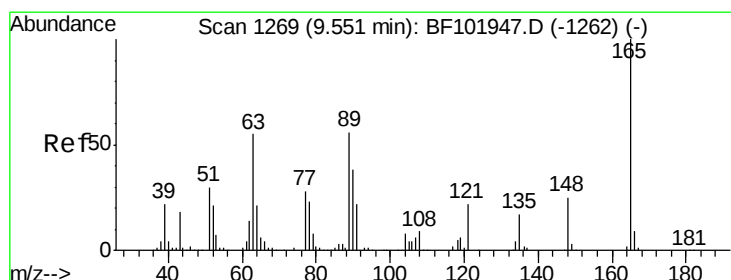
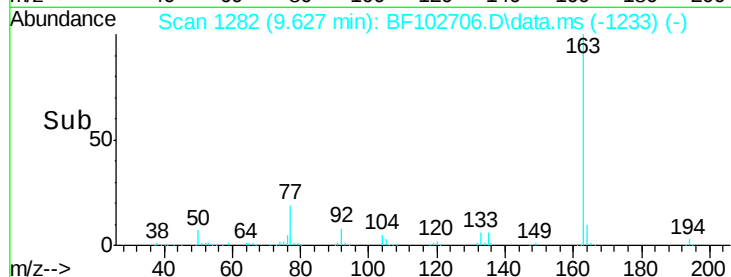
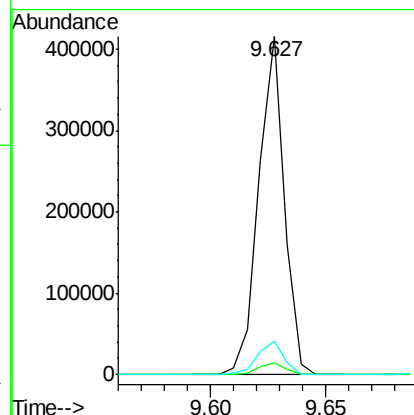
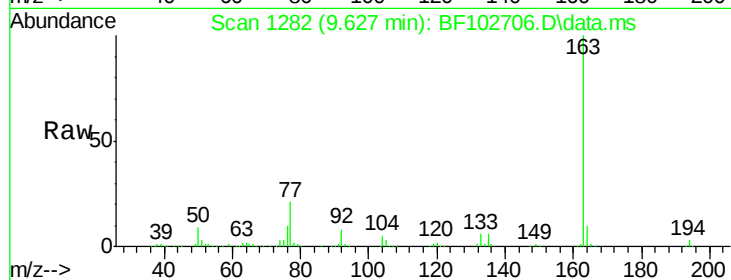
Tot Ion:163 Resp: 322381

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 9.8 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 6.69 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

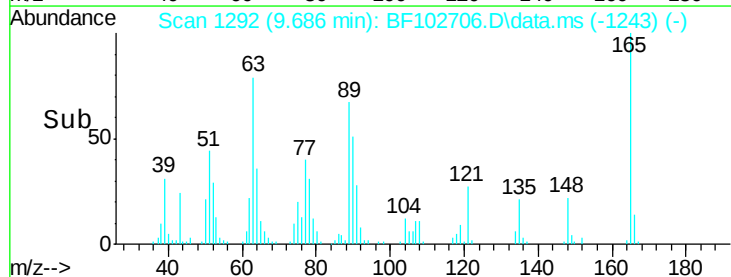
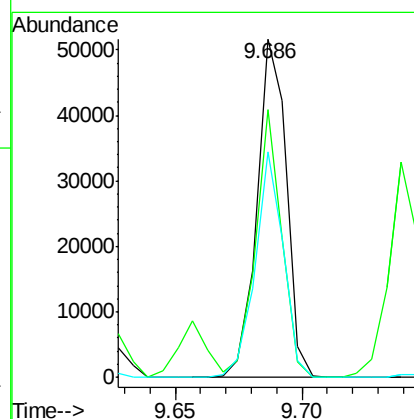
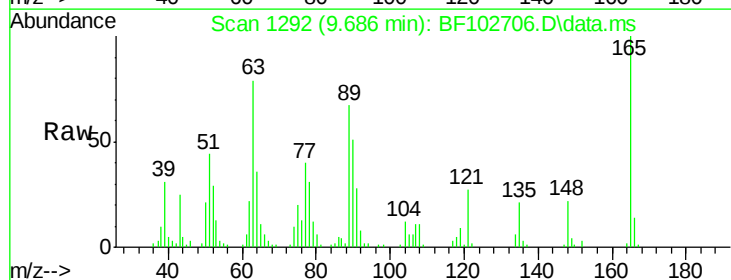
Tgt Ion:165 Resp: 41699

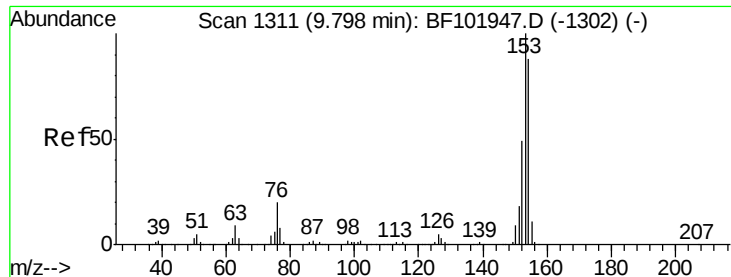
Ion Ratio Lower Upper

165 100

63 79.0 44.7 67.1#

89 66.8 44.0 66.0#





#51

Acenaphthene

Concen: 10.25 ng

RT: 9.945 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

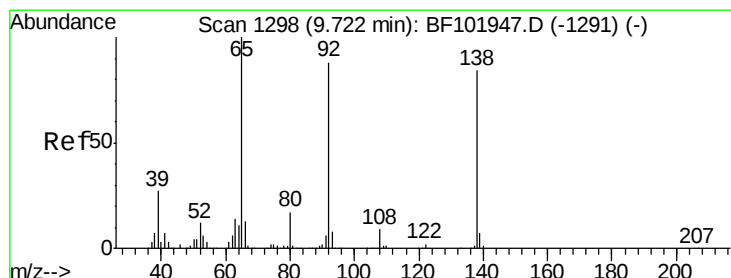
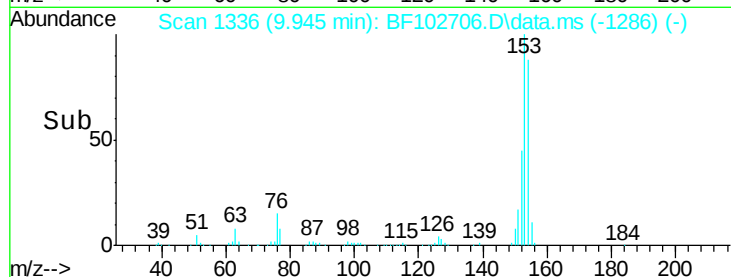
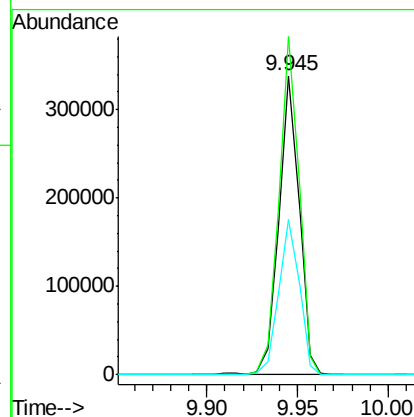
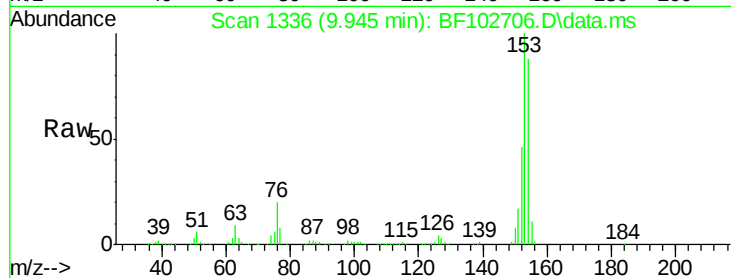
Tot Ion:154 Resp: 263495

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

152 52.1 43.8 65.8



#52

3-Nitroaniline

Concen: 6.89 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

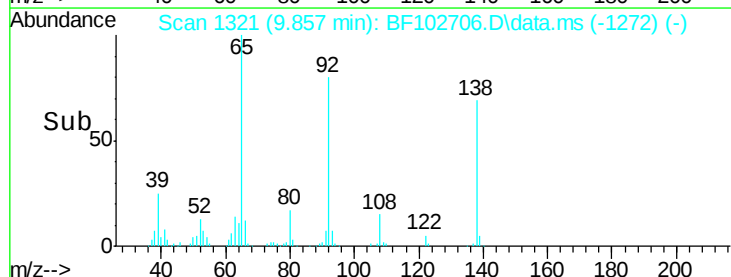
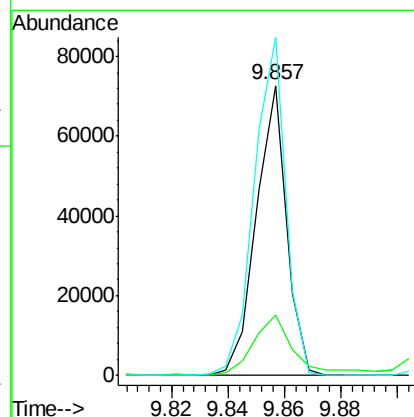
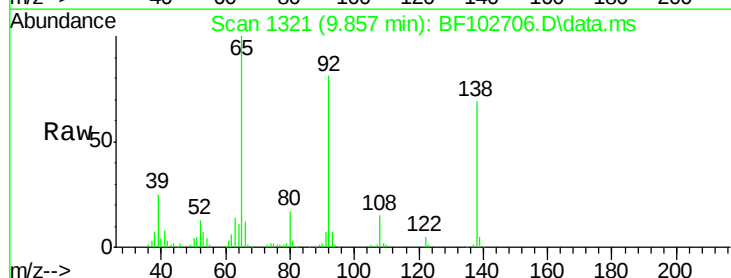
Tgt Ion:138 Resp: 54204

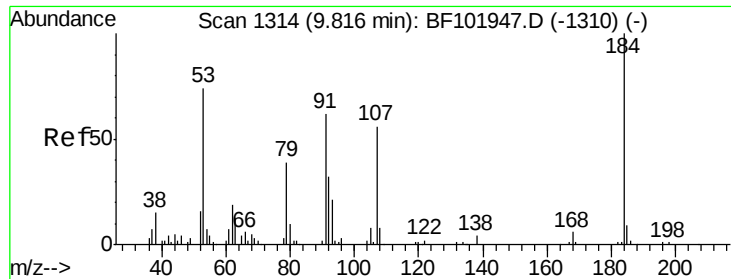
Ion Ratio Lower Upper

138 100

108 21.0 9.4 14.0#

92 116.5 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 2.24 ng

RT: 9.957 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

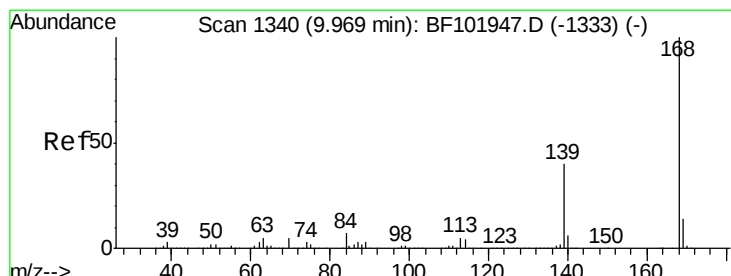
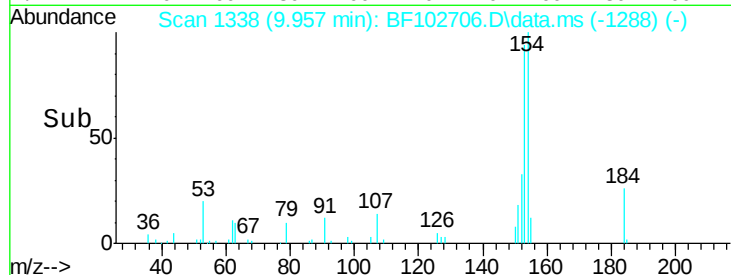
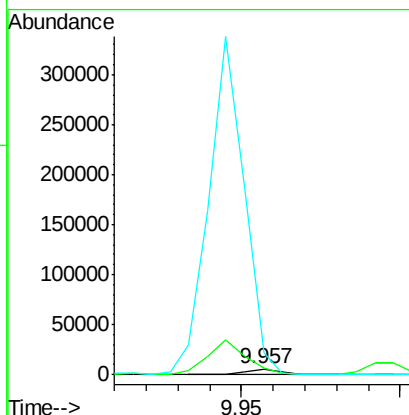
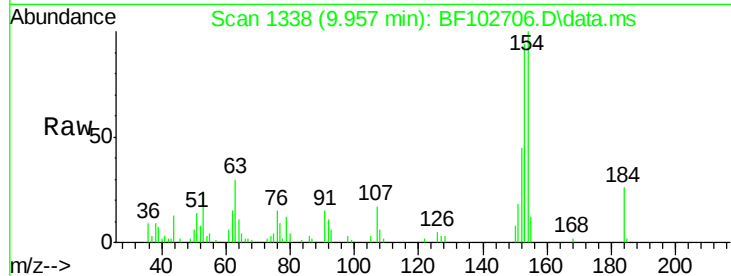
Tot Ion:184 Resp: 4258

Ion Ratio Lower Upper

184 100

63 113.3 54.2 81.2#

154 383.4 184.0 276.0#



#54

Dibenzofuran

Concen: 10.60 ng

RT: 10.116 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

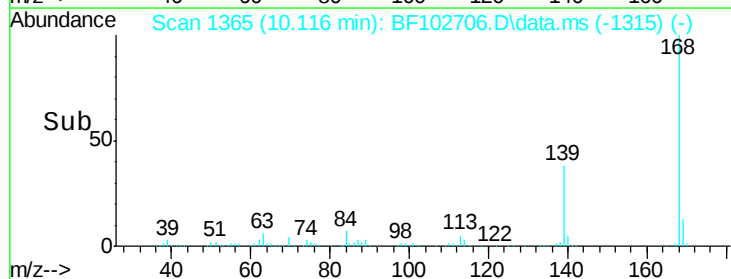
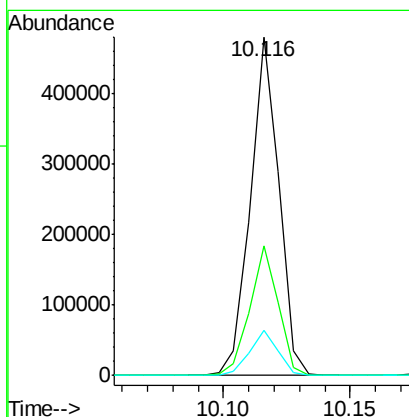
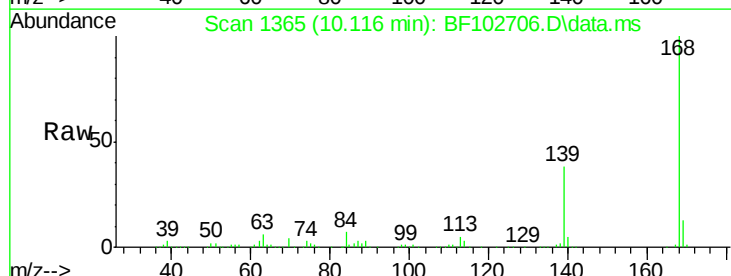
Tgt Ion:168 Resp: 373847

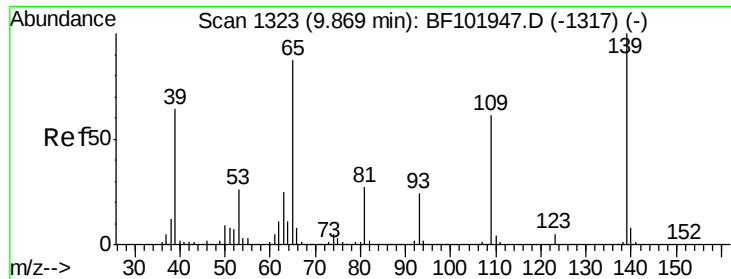
Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 5.99 ng

RT: 9.998 min Scan# 131

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

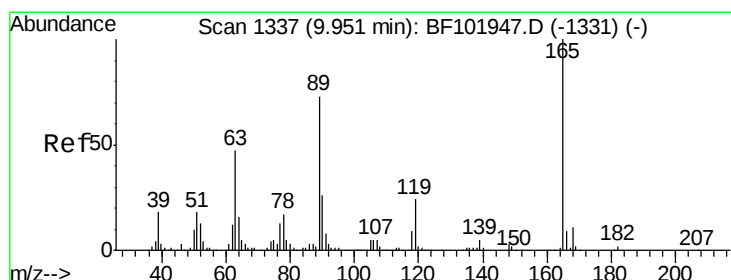
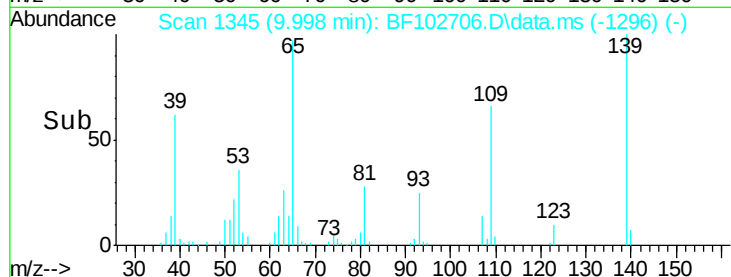
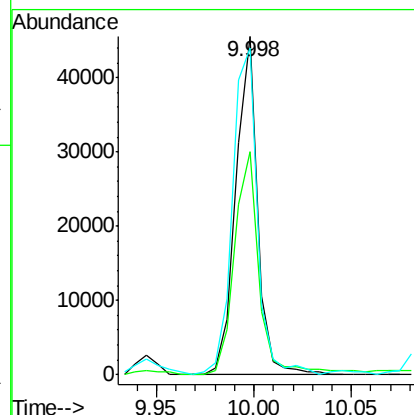
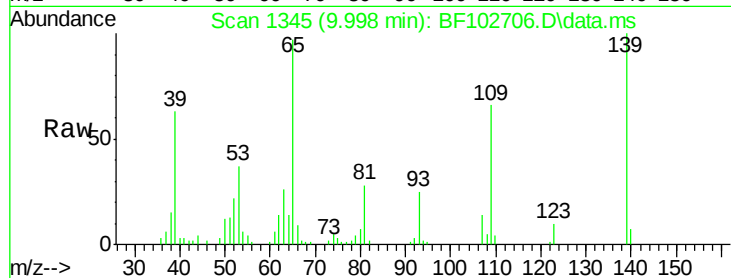
Tot Ion:139 Resp: 35139

Ion Ratio Lower Upper

139 100

109 66.1 48.4 88.4

65 96.6 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 5.70 ng

RT: 10.086 min Scan# 1360

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Tgt Ion:165 Resp: 44591

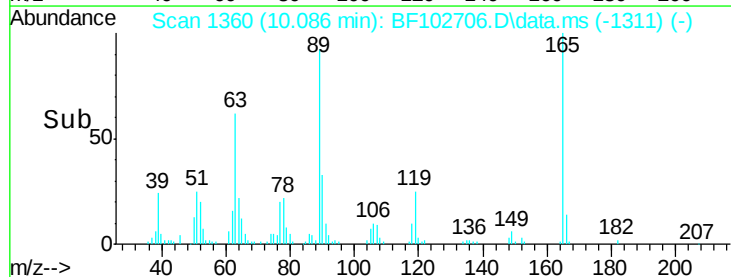
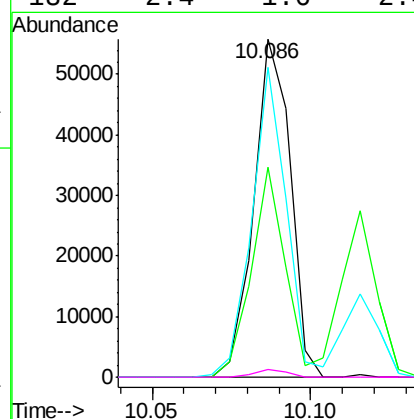
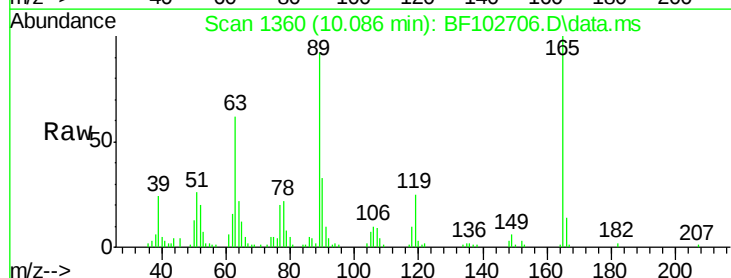
Ion Ratio Lower Upper

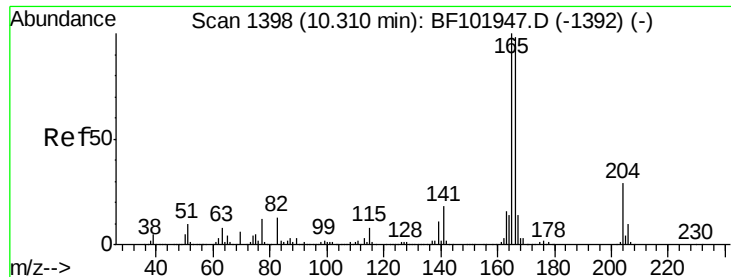
165 100

63 62.2 36.4 54.6#

89 91.6 57.8 86.6#

182 2.4 1.6 2.4

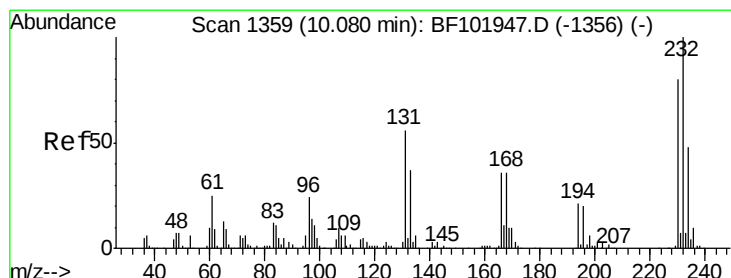
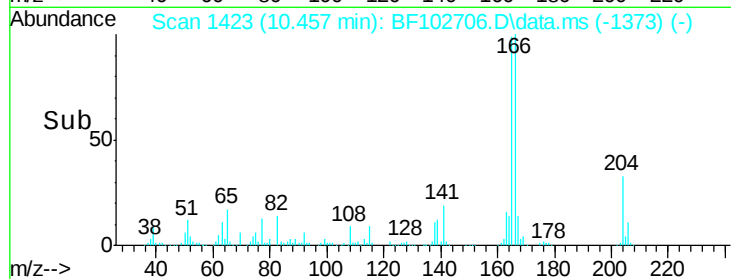
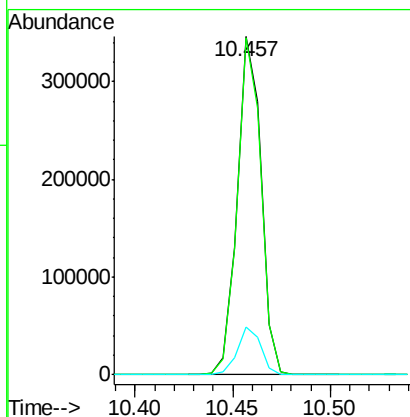
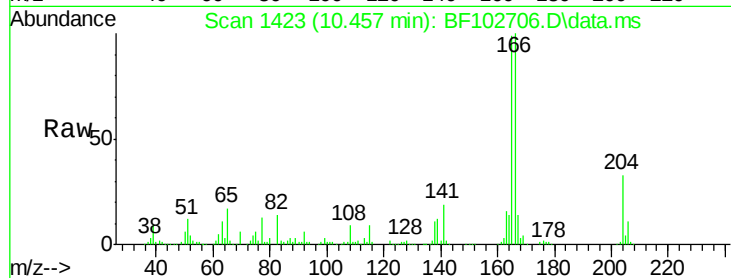




#57
 Fluorene
 Concen: 12.00 ng
 RT: 10.457 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

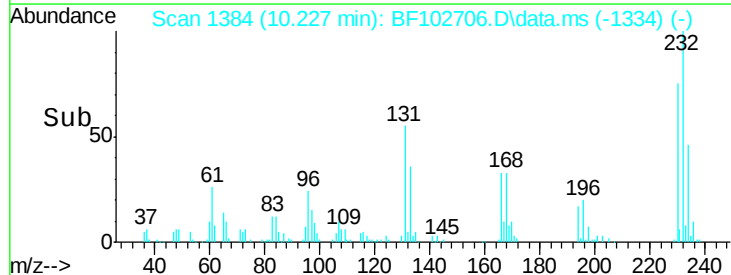
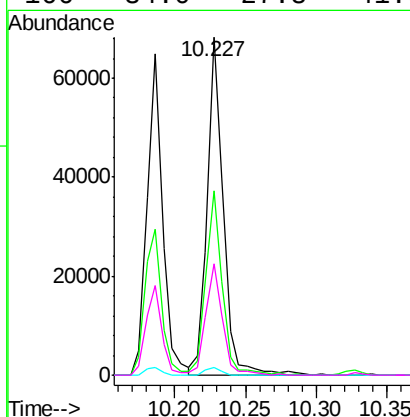
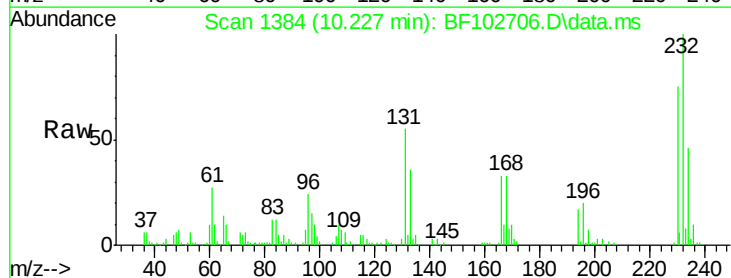
Instrument :
 BNA_F
 ClientSampleId :

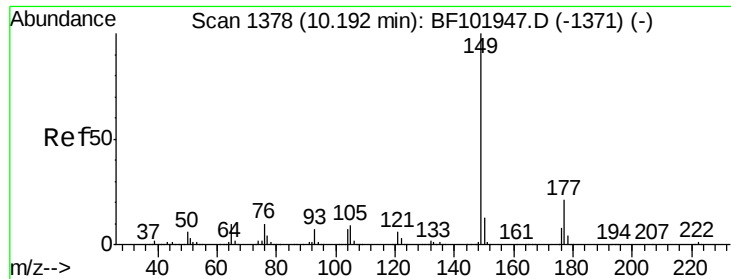
Tot Ion	166	Resp	292621
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 8.99 ng
 RT: 10.227 min Scan# 1384
 Delta R.T. -0.006 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

Tgt Ion	232	Resp	54873
Ion Ratio	Lower	Upper	
232	100		
131	55.7	43.8	65.8
130	2.2	2.1	3.1
166	34.0	27.8	41.6





#59

Diethylphthalate

Concen: 10.28 ng

RT: 10.327 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

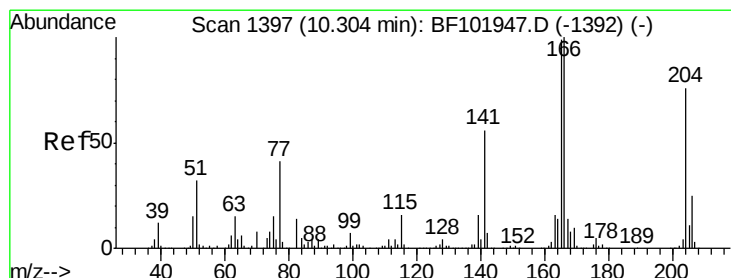
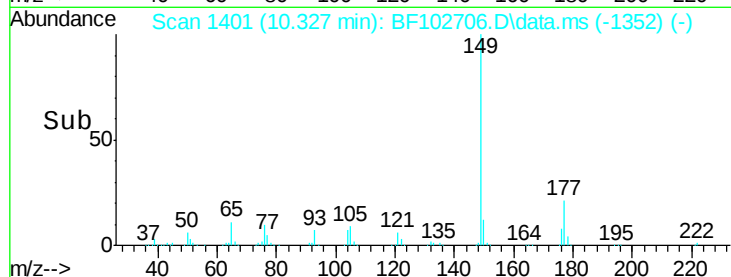
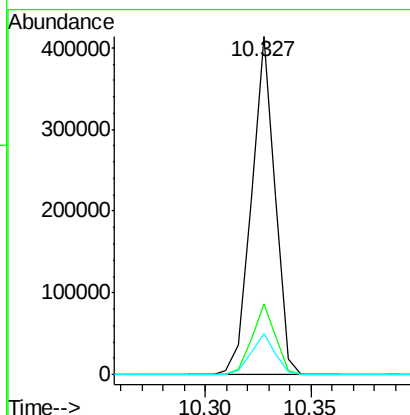
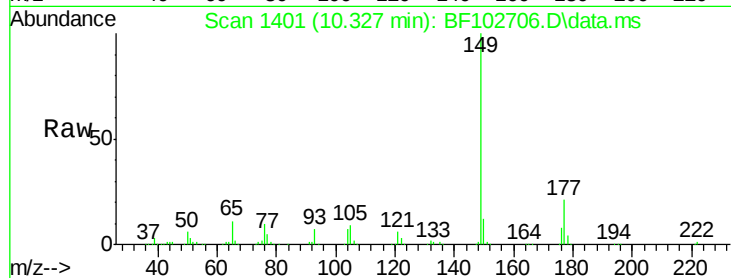
Tot Ion:149 Resp: 319315

Ion Ratio Lower Upper

149 100

177 20.9 16.1 24.1

150 12.2 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 12.51 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

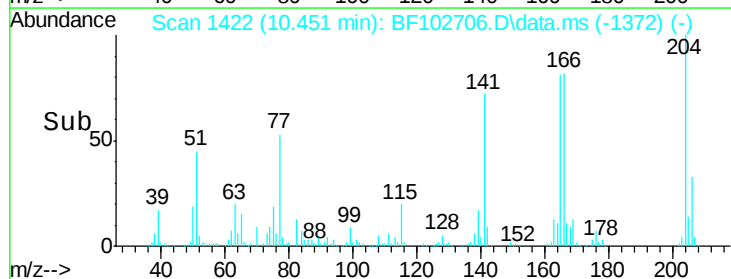
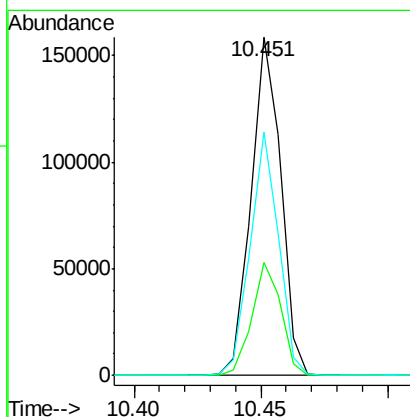
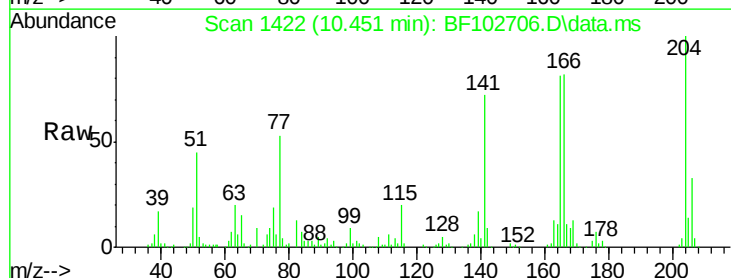
Tgt Ion:204 Resp: 129823

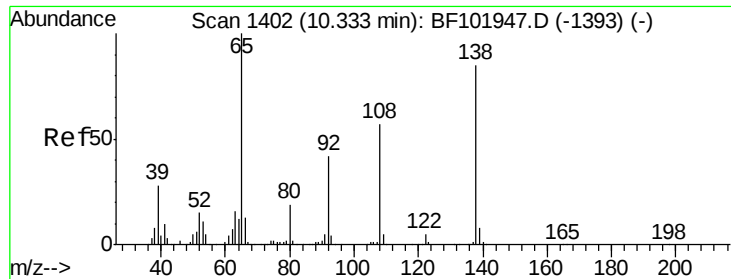
Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

141 71.9 54.6 81.8

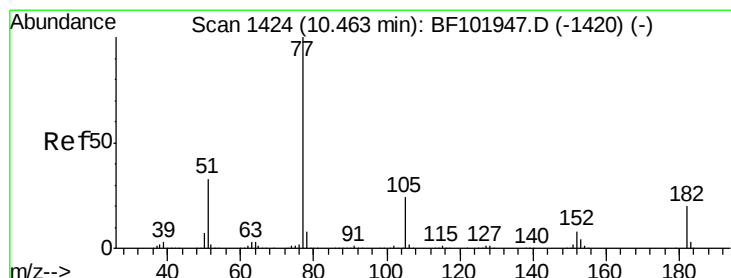
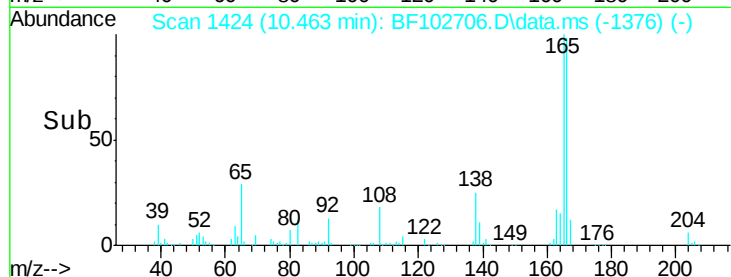
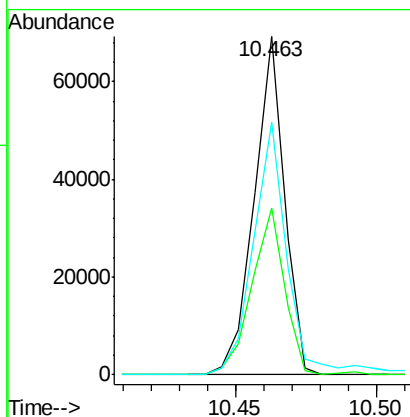
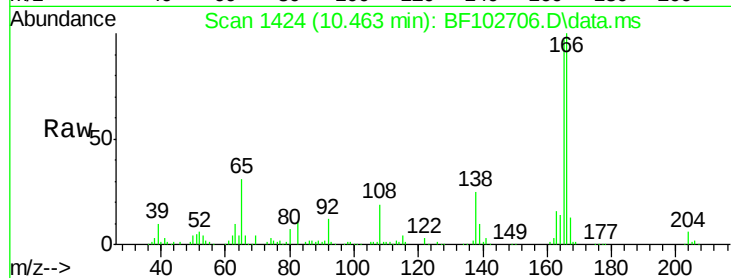




#61
4-Nitroaniline
Concen: 6.90 ng
RT: 10.463 min Scan# 141
Delta R.T. -0.018 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

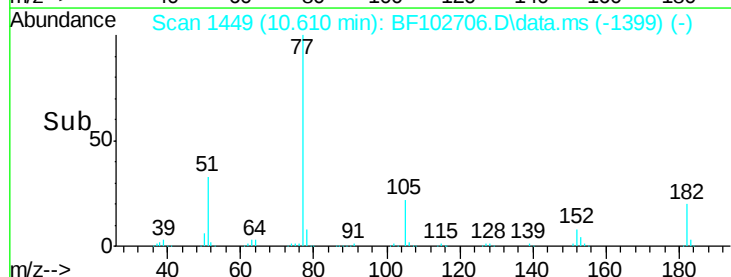
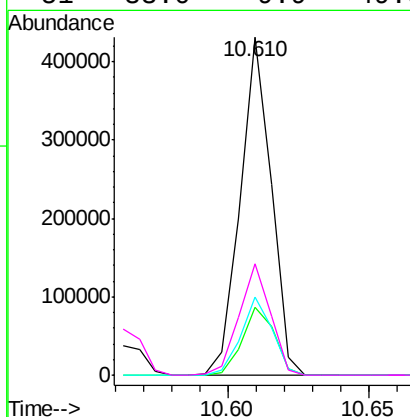
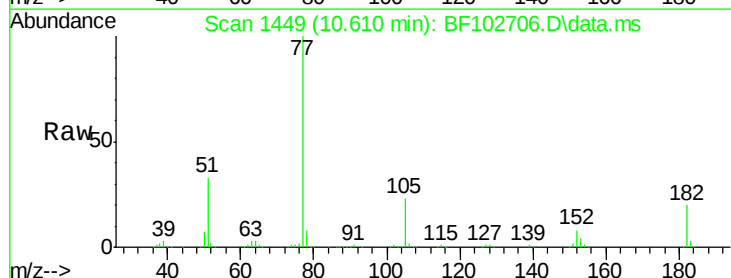
Instrument :
BNA_F
ClientSampleId :

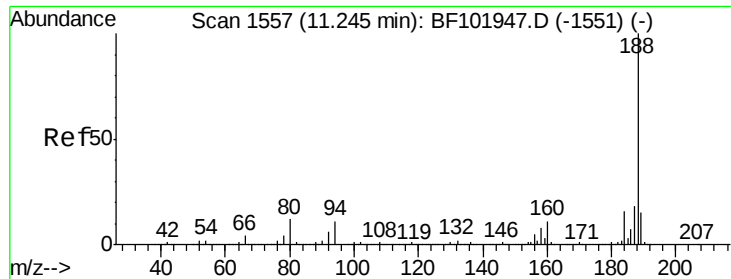
Tot Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.2	70.2
108	74.8	52.5	92.5



#62
Azobenzene
Concen: 10.62 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.1	1.7	41.7
105	23.3	3.0	43.0
51	33.0	9.9	49.9

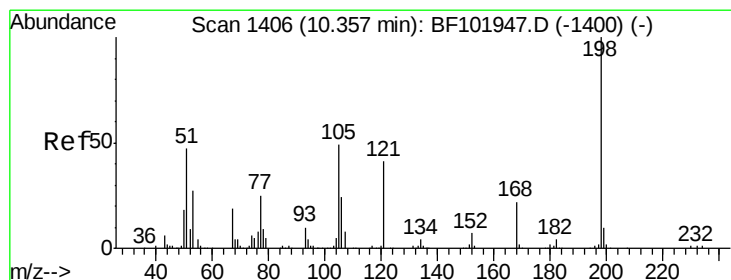
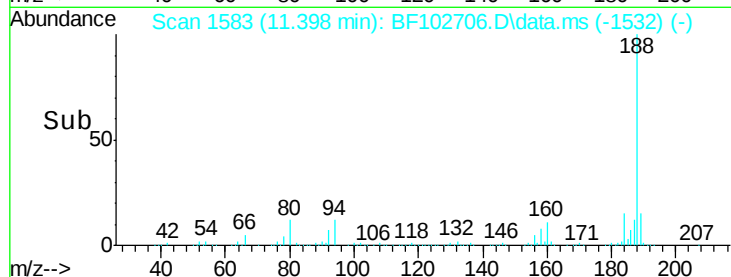
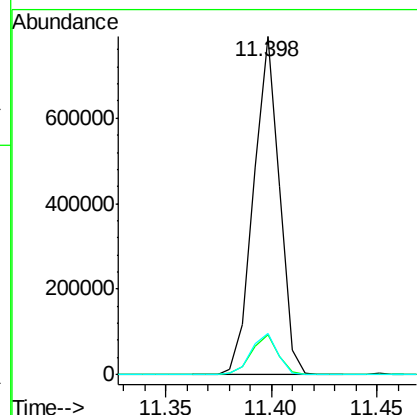
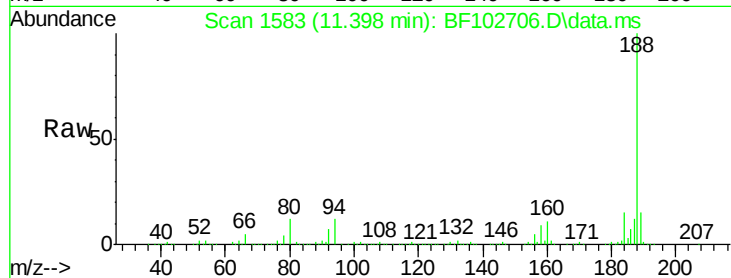




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.398 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

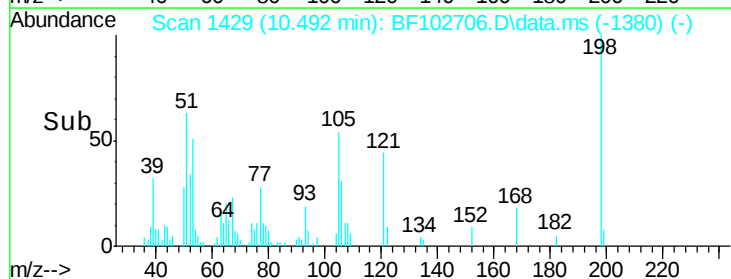
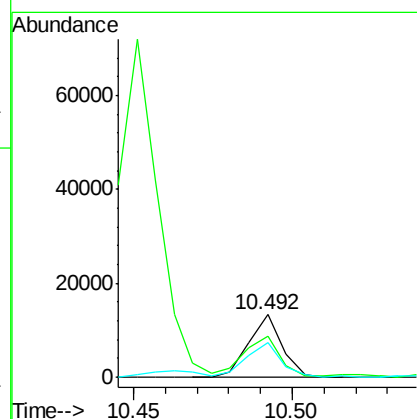
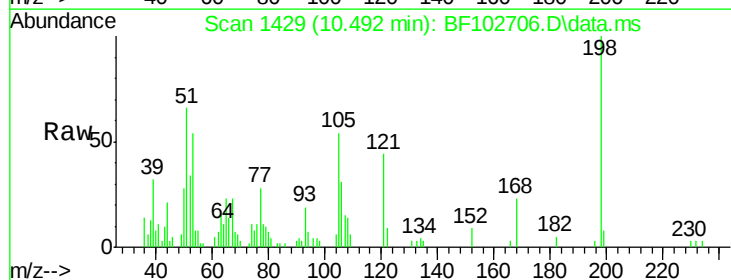
Instrument :
 BNA_F
 ClientSampleId :

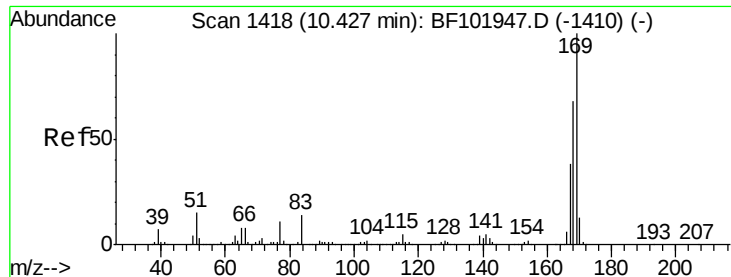
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.1	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.91 ng
 RT: 10.492 min Scan# 1429
 Delta R.T. -0.012 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	65.8	37.7	77.7
105	54.5	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 10.40 ng

RT: 10.569 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

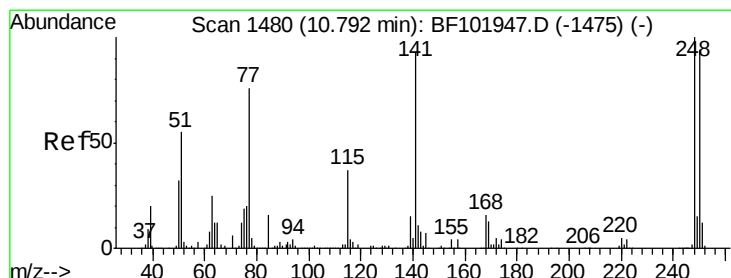
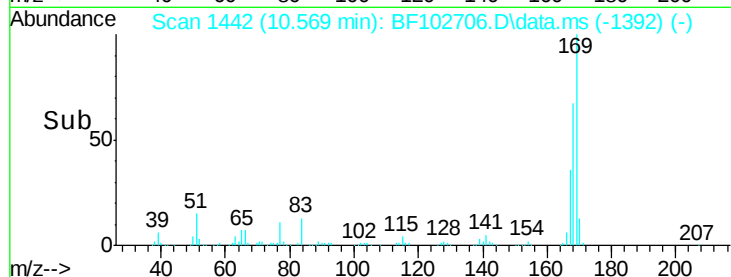
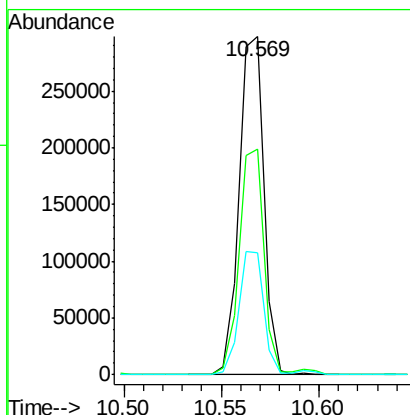
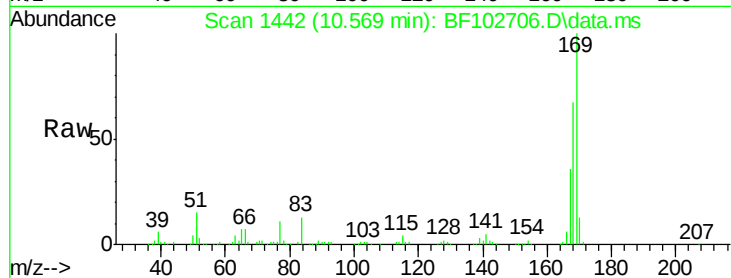
Tot Ion:169 Resp: 262459

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

167 36.2 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 10.91 ng

RT: 10.939 min Scan# 1505

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

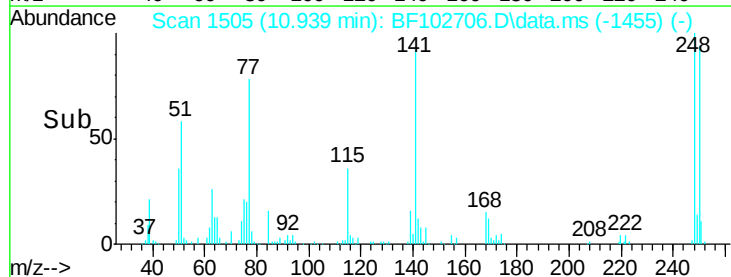
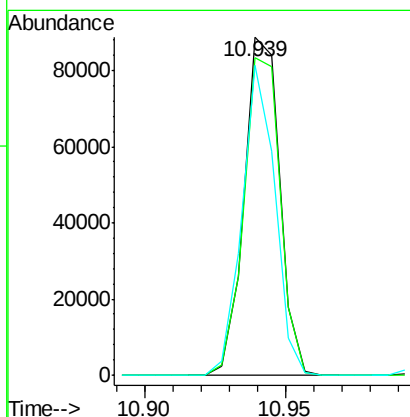
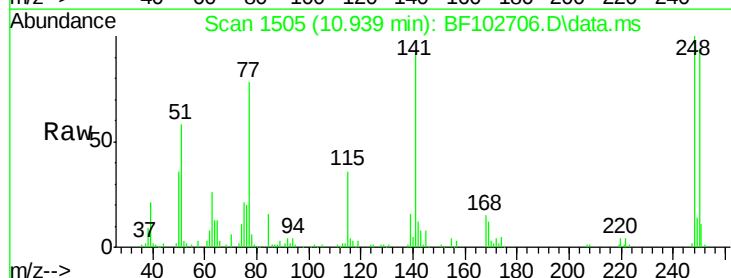
Tgt Ion:248 Resp: 77600

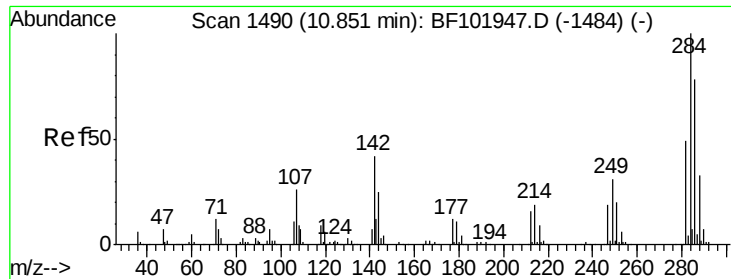
Ion Ratio Lower Upper

248 100

250 93.9 76.9 115.3

141 91.8 74.4 111.6

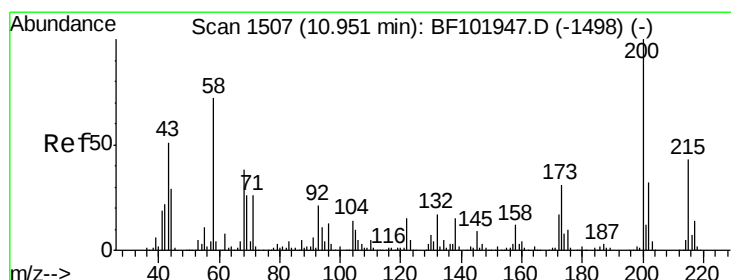
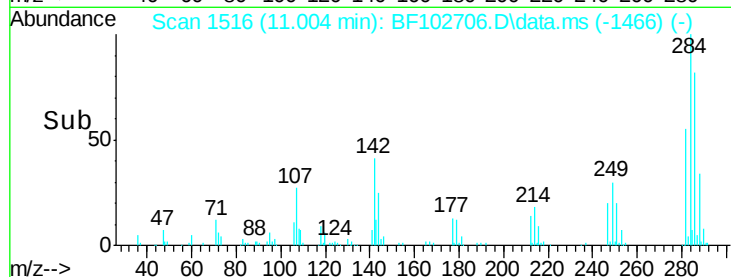
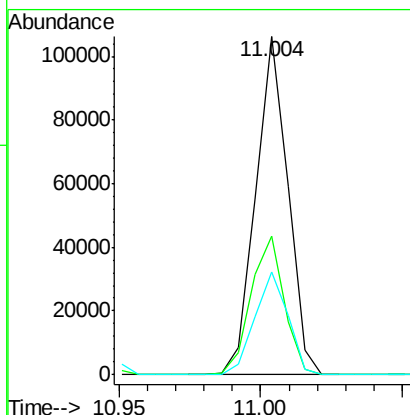
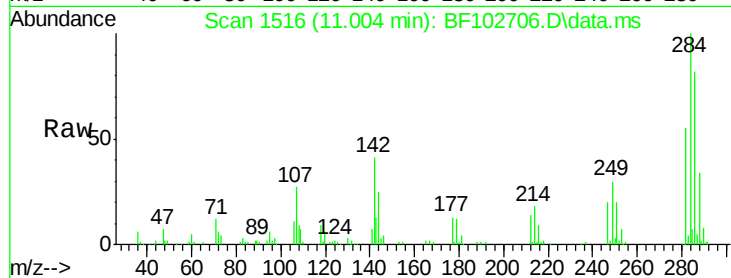




#67
Hexachlorobenzene
Concen: 10.78 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

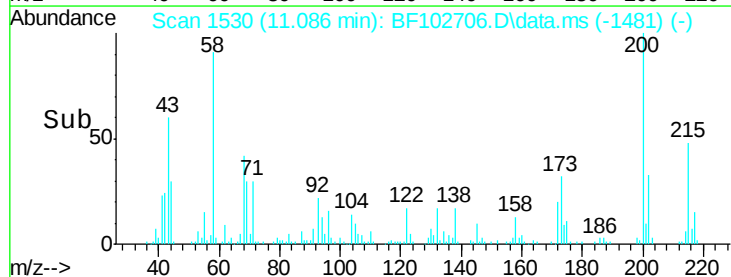
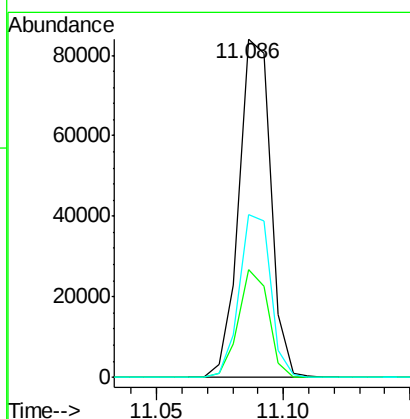
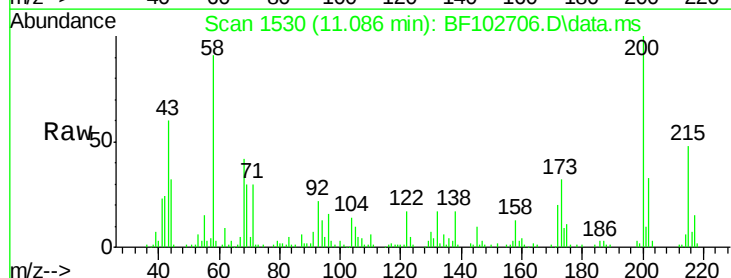
Instrument :
BNA_F
ClientSampleId :

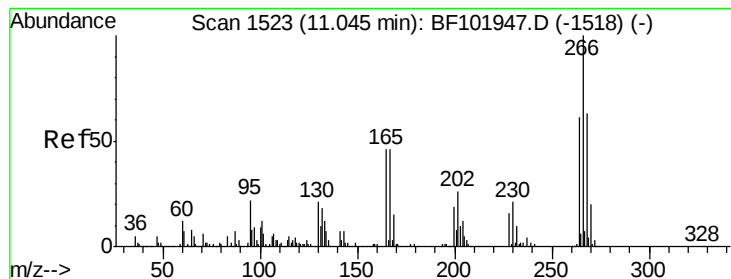
Tot Ion:284 Resp: 83711
Ion Ratio Lower Upper
284 100
142 41.0 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 10.03 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.012 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion:200 Resp: 73107
Ion Ratio Lower Upper
200 100
173 32.0 8.6 48.6
215 48.3 25.1 65.1





#69

Pentachlorophenol

Concen: 7.74 ng

RT: 11.192 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

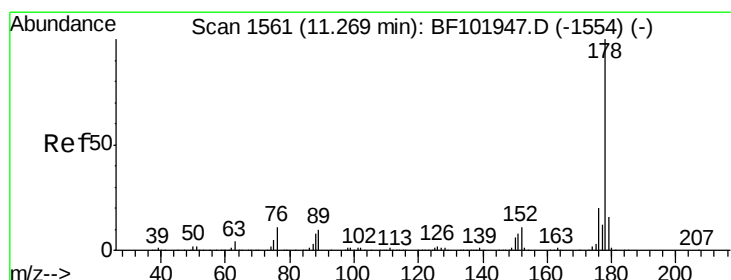
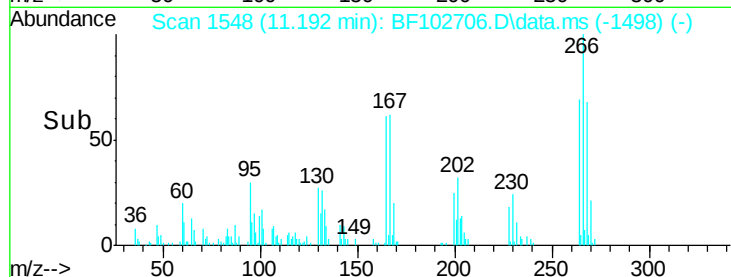
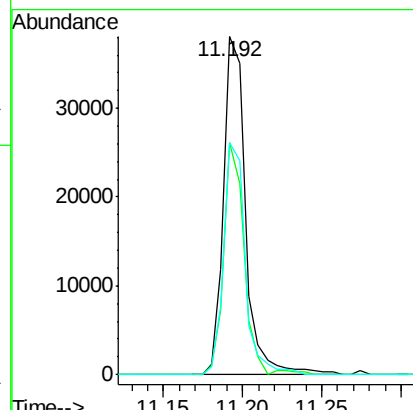
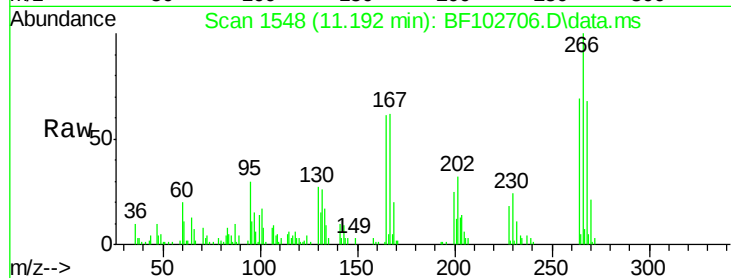
Tot Ion:266 Resp: 36657

Ion Ratio Lower Upper

266 100

268 68.5 51.1 76.7

264 68.6 49.5 74.3



#70

Phenanthrene

Concen: 10.80 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

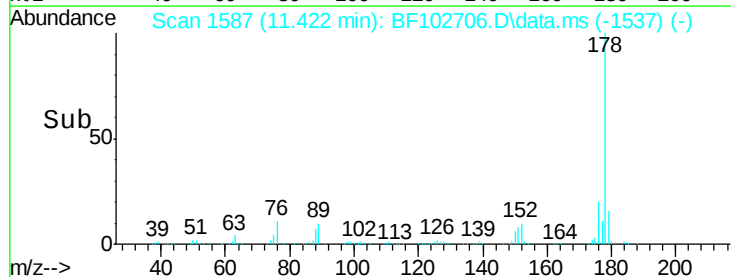
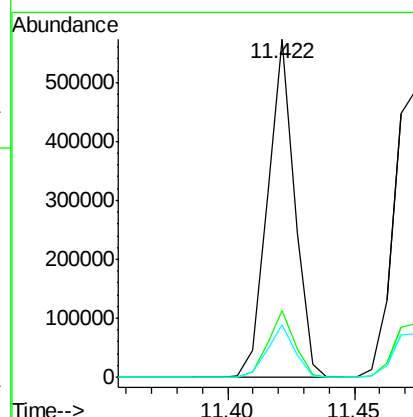
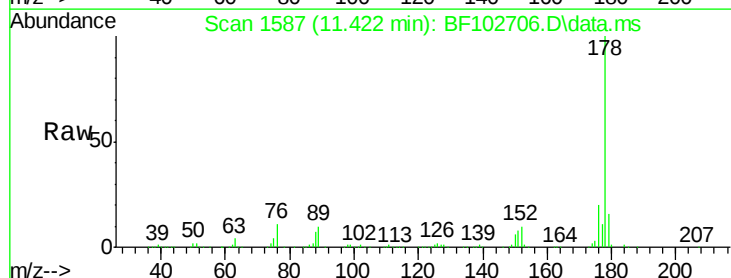
Tgt Ion:178 Resp: 424840

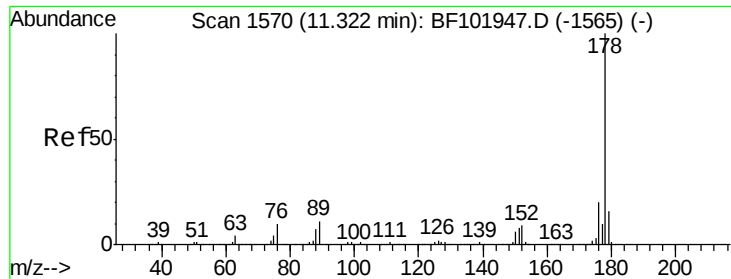
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.6 13.0 19.6





#71

Anthracene

Concen: 10.79 ng

RT: 11.474 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

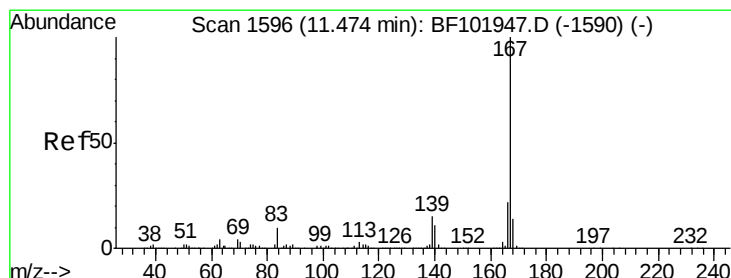
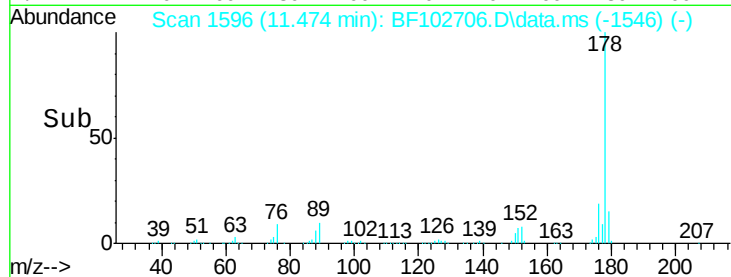
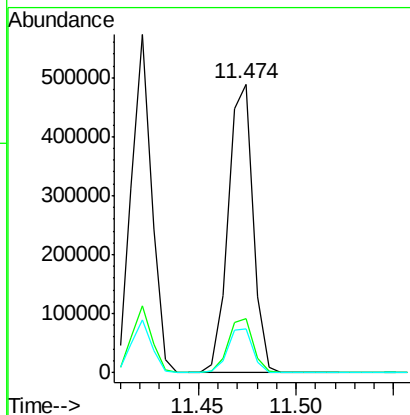
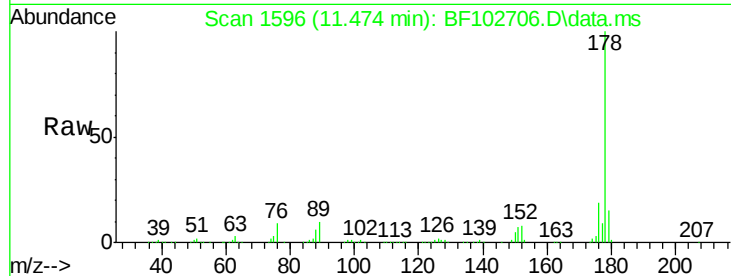
Tot Ion:178 Resp: 430444

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.3 12.6 19.0



#72

Carbazole

Concen: 10.57 ng

RT: 11.621 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

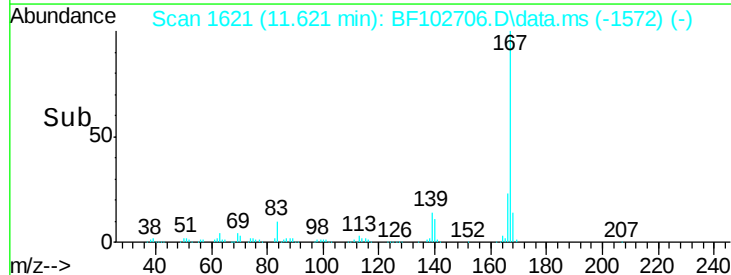
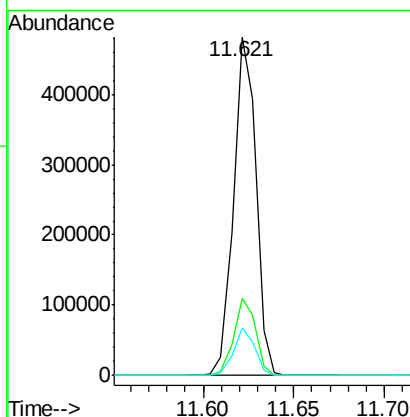
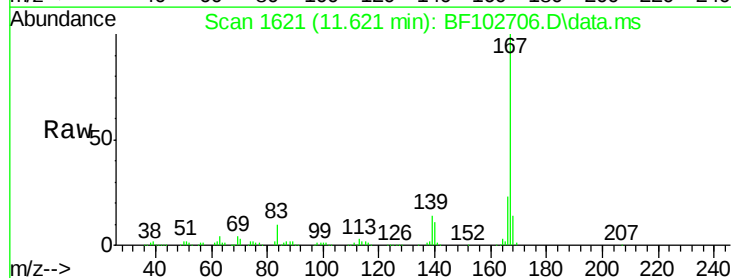
Tgt Ion:167 Resp: 414786

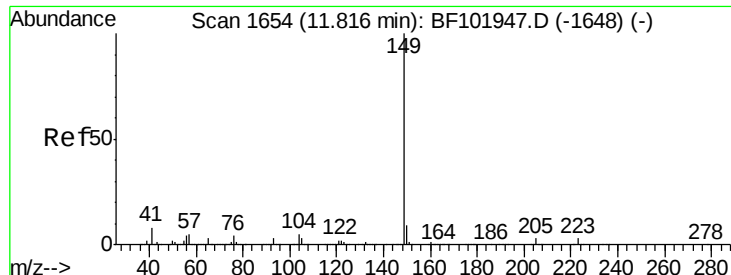
Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

139 14.1 10.9 16.3

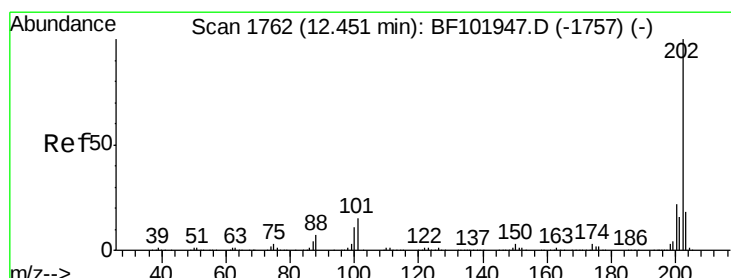
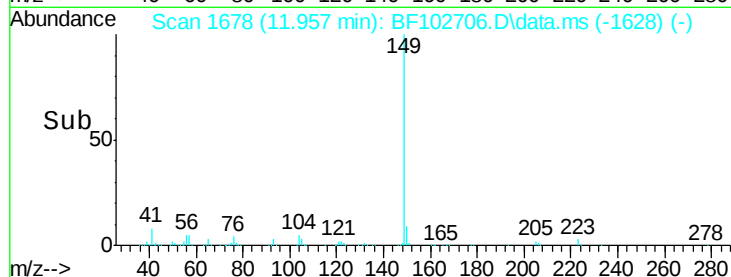
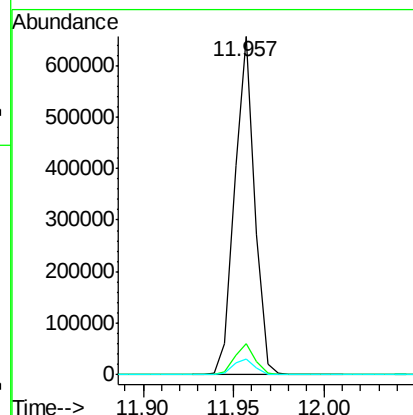
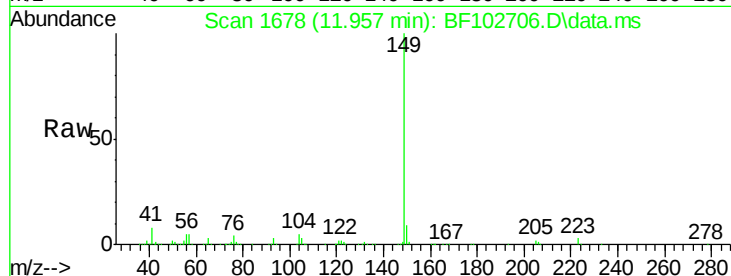




#73
Di-n-butylphthalate
Concen: 10.43 ng
RT: 11.957 min Scan# 16
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

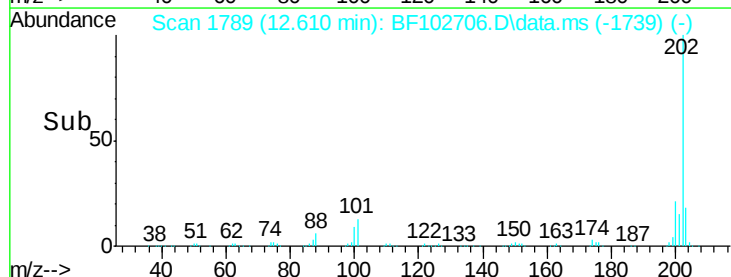
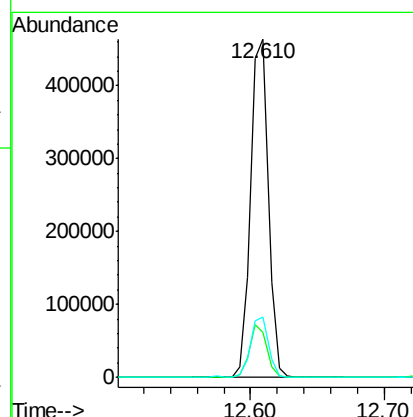
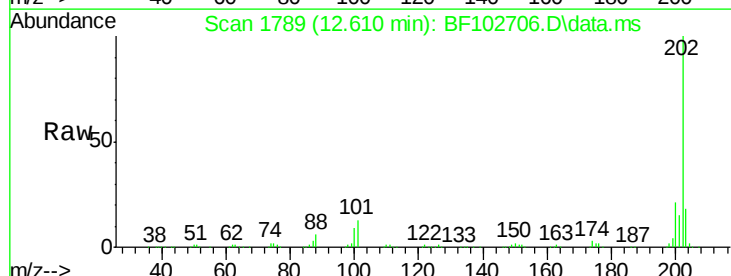
Instrument :
BNA_F
ClientSampleId :

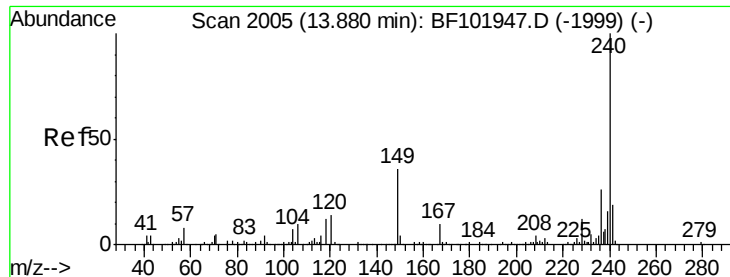
Tot Ion:149 Resp: 501879
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 10.95 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion:202 Resp: 423870
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

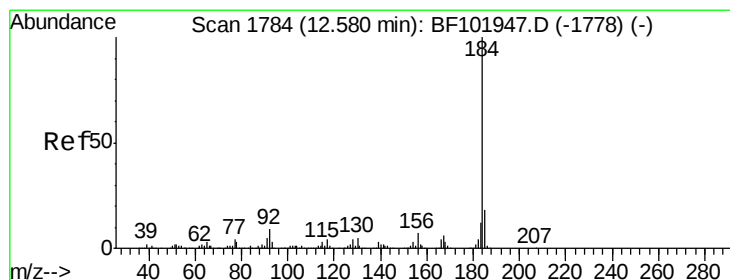
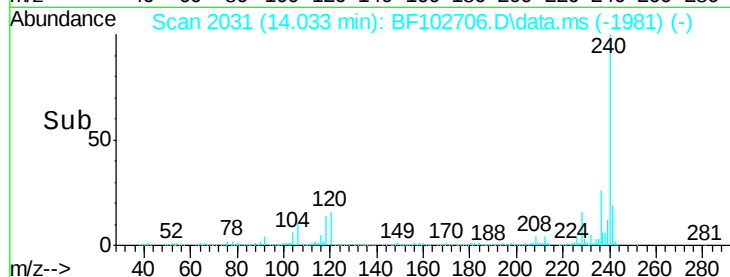
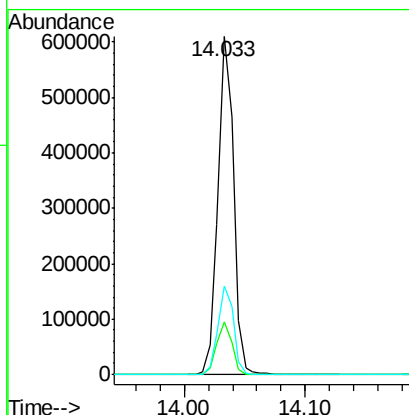
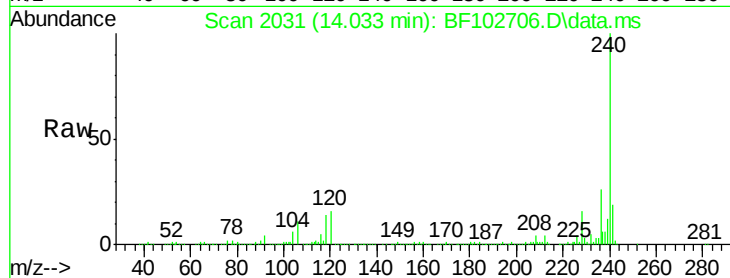
Tot Ion:240 Resp: 539194

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

236 26.0 20.7 31.1



#76

Benzidine

Concen: 9.77 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

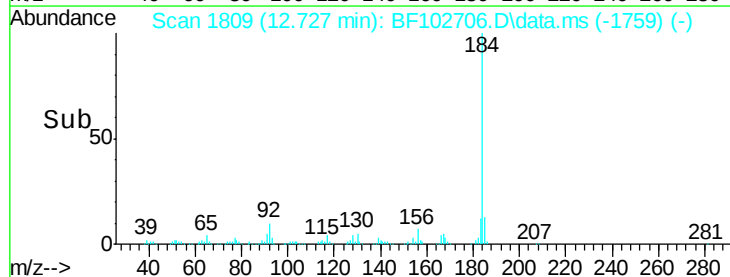
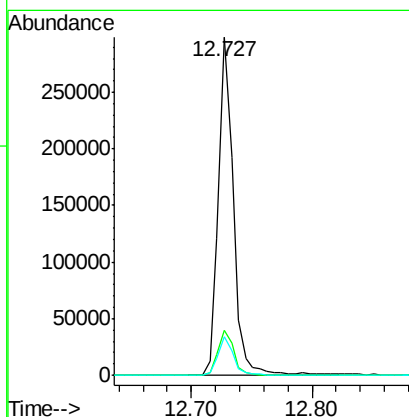
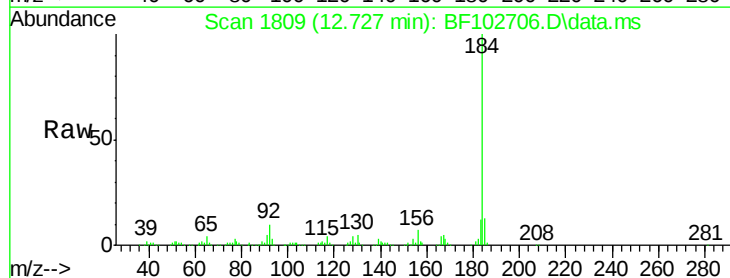
Tgt Ion:184 Resp: 254440

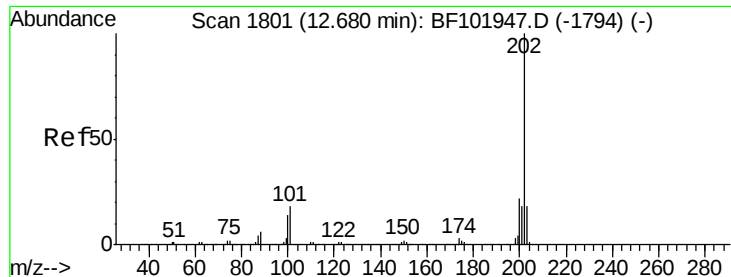
Ion Ratio Lower Upper

184 100

185 13.4 12.6 18.8

183 11.5 9.3 13.9





#77

Pvrene

Concen: 9.33 ng

RT: 12.839 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

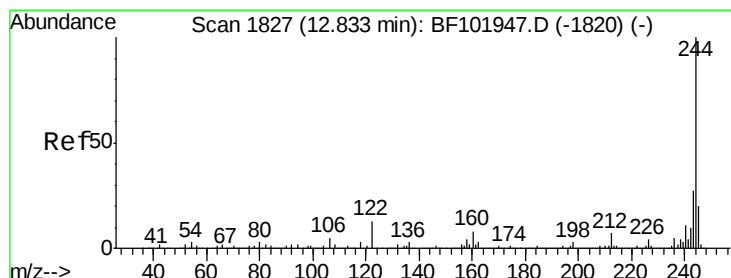
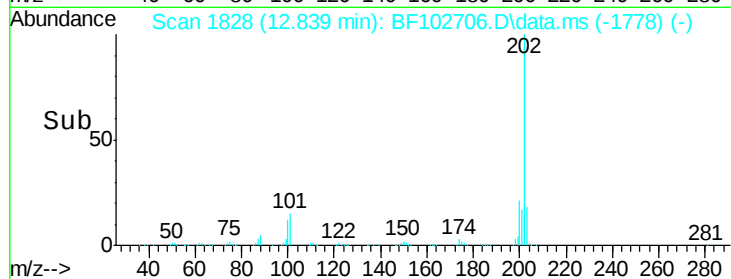
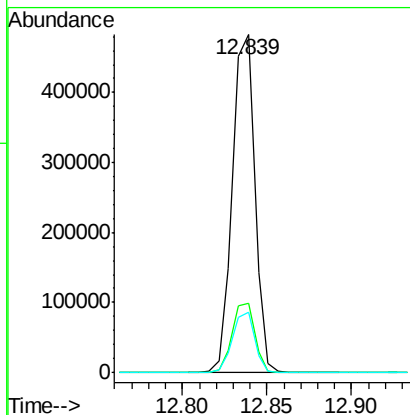
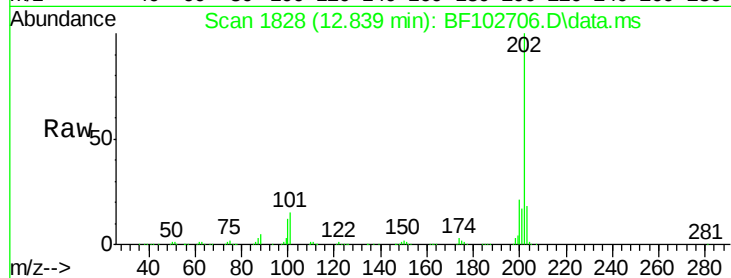
Tot Ion:202 Resp: 444863

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

203 17.7 14.3 21.5



#78

Terphenyl-d14

Concen: 19.55 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

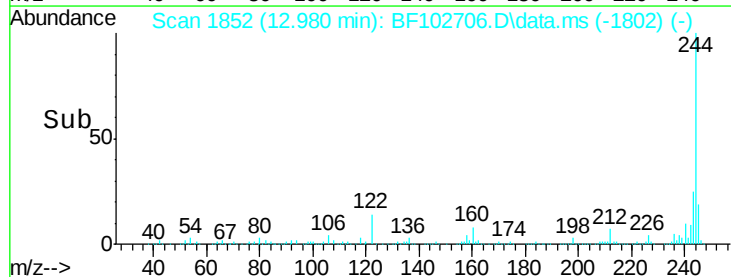
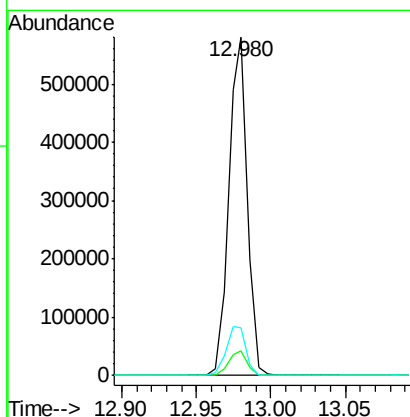
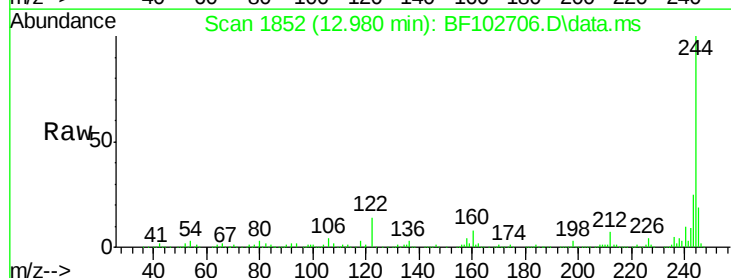
Tgt Ion:244 Resp: 507827

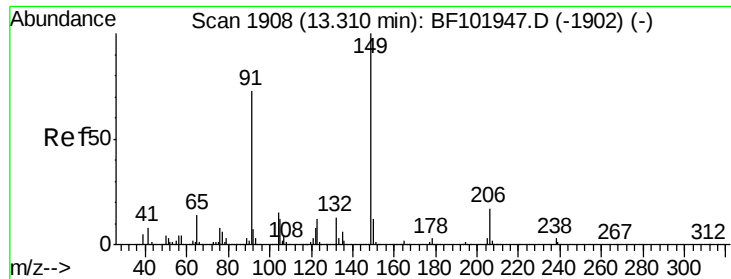
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 14.0 11.0 16.4

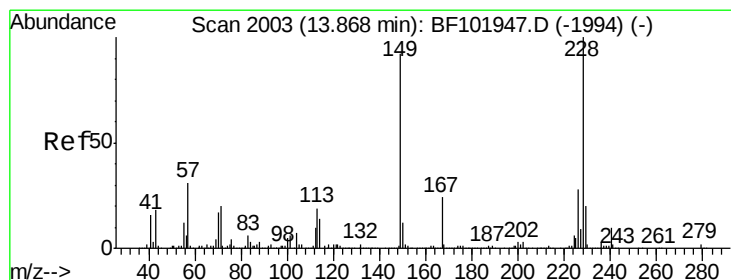
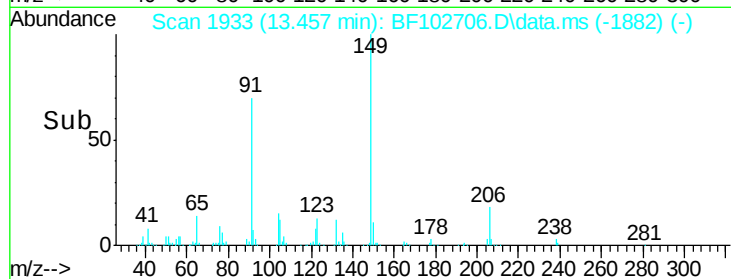
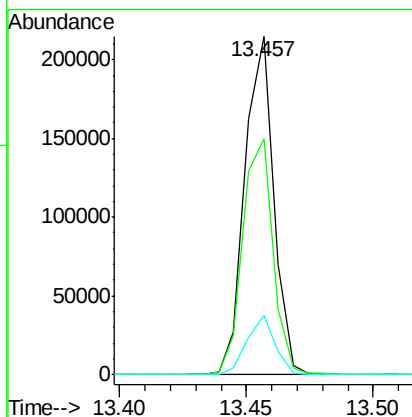
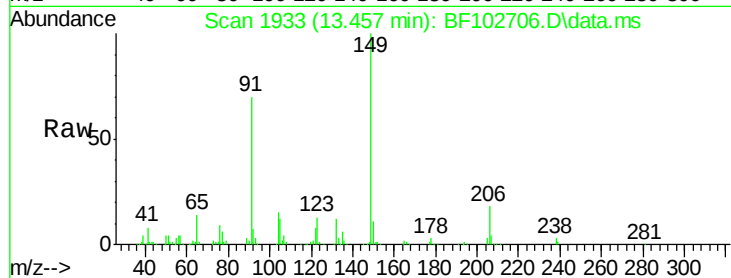




#79
 Butylbenzylphthalate
 Concen: 7.78 ng
 RT: 13.457 min Scan# 191
 Delta R.T. 0.000 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

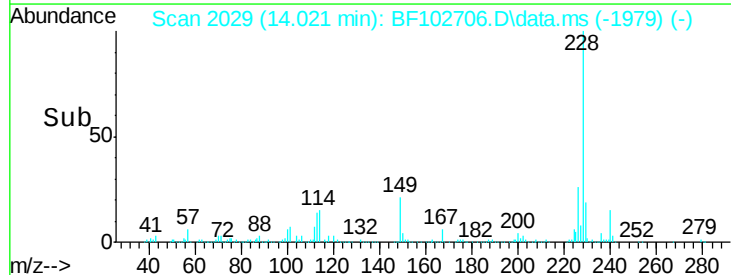
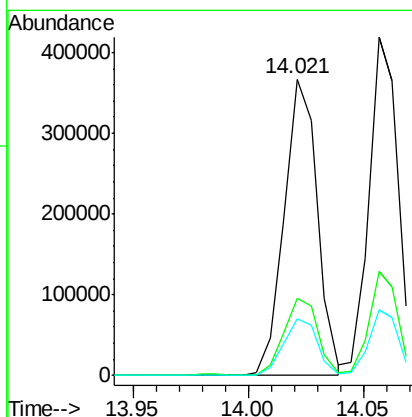
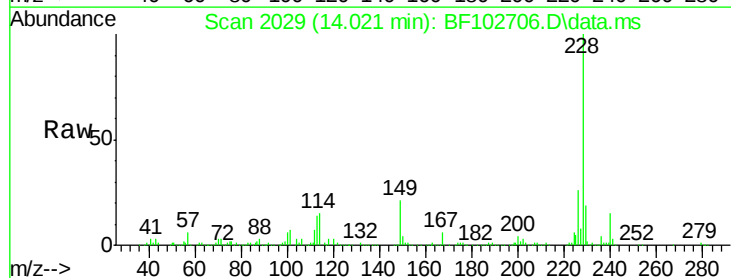
Instrument :
 BNA_F
 ClientSampleId :

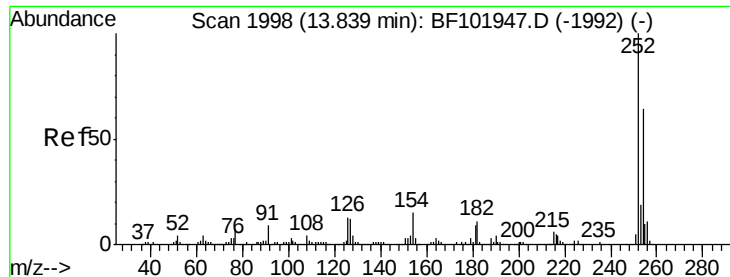
Tot Ion:	149	Resp:	170267
Ion Ratio	Lower	Upper	
149	100		
91	69.6	56.8	85.2
206	17.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 10.56 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

Tgt Ion:	228	Resp:	363413
Ion Ratio	Lower	Upper	
228	100		
226	26.2	22.6	33.8
229	19.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 10.06 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

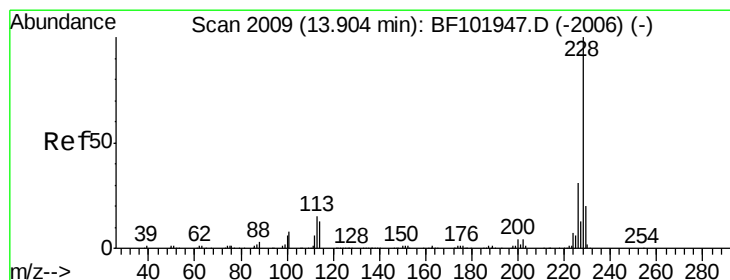
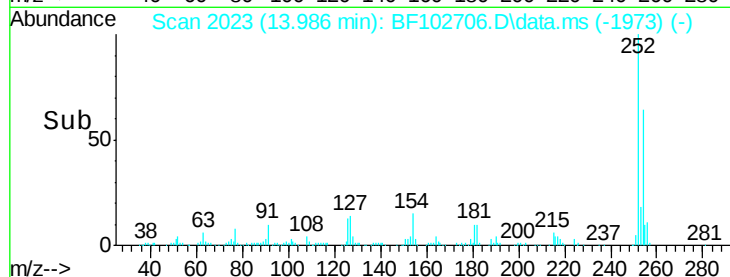
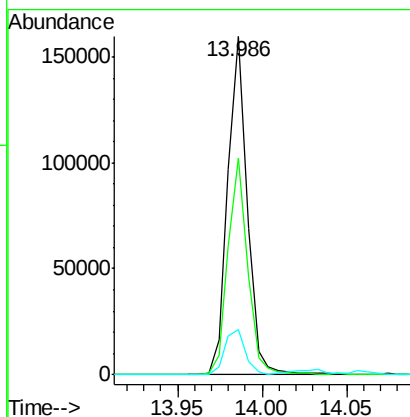
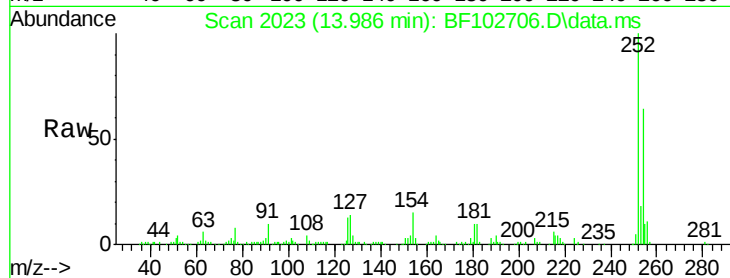
Tot Ion:252 Resp: 128180

Ion Ratio Lower Upper

252 100

254 63.9 50.4 75.6

126 13.3 11.3 16.9



#82

Chrysene

Concen: 10.34 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

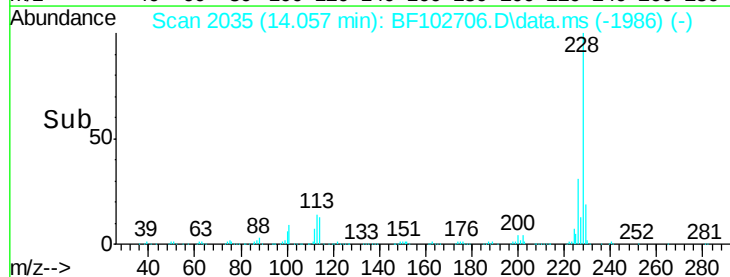
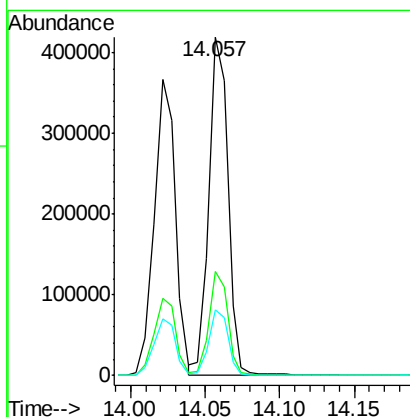
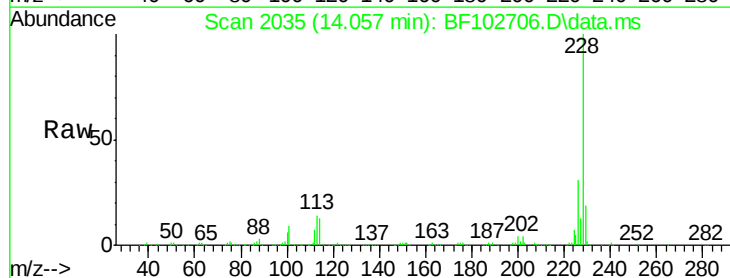
Tgt Ion:228 Resp: 371034

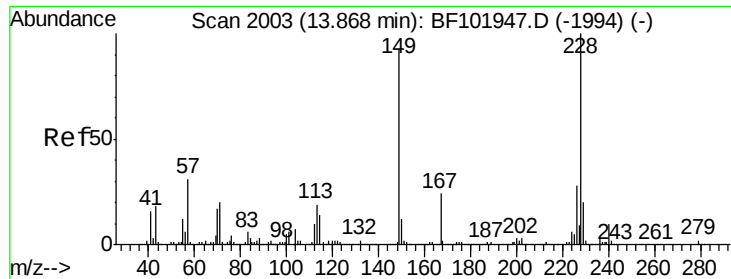
Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 19.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.88 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

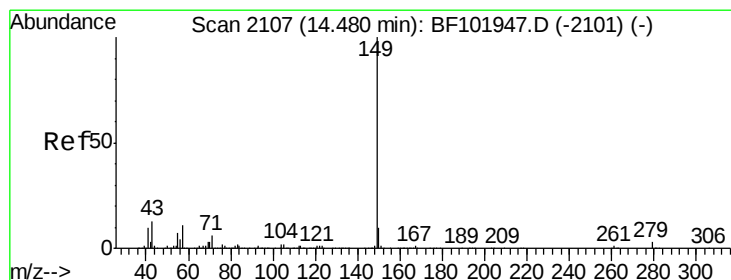
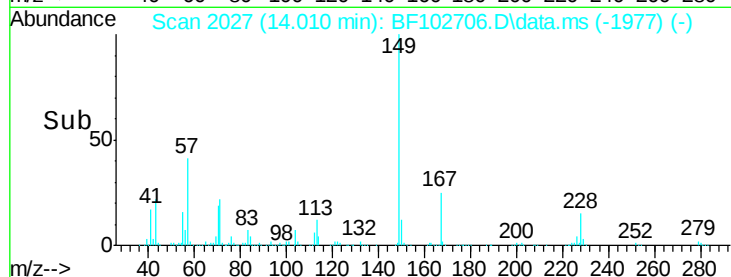
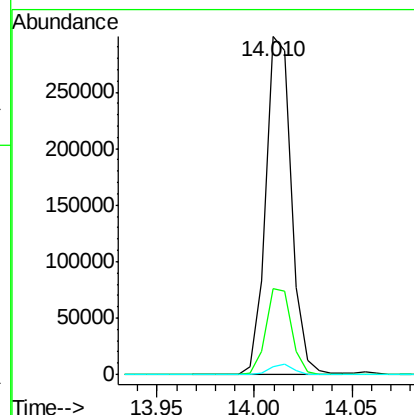
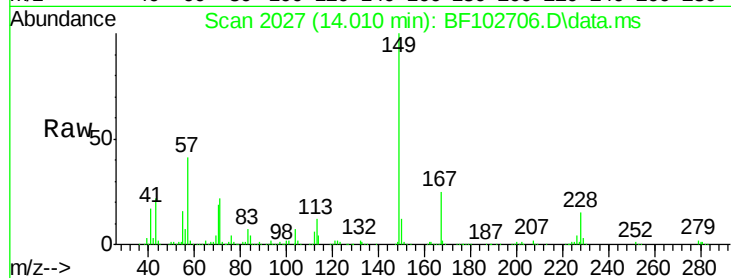
Tot Ion:149 Resp: 273106

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

279 2.3 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 8.95 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

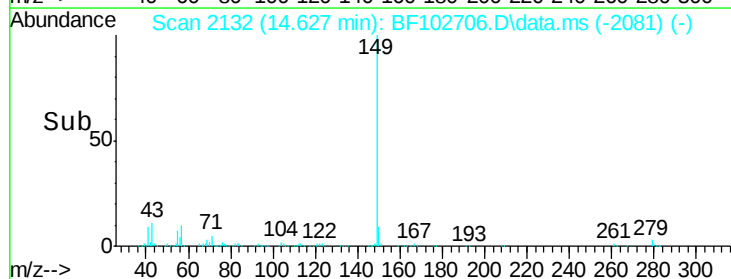
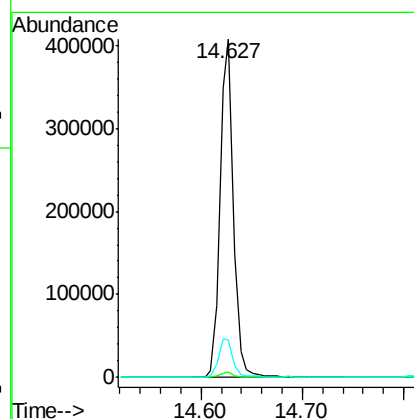
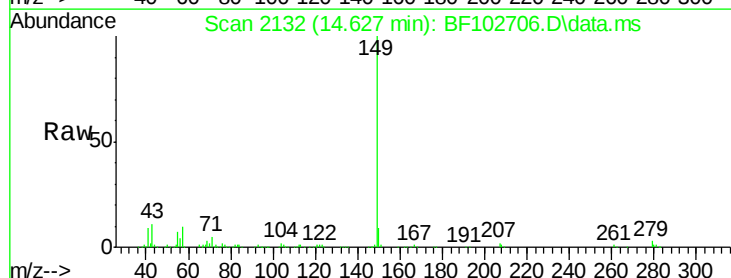
Tgt Ion:149 Resp: 372863

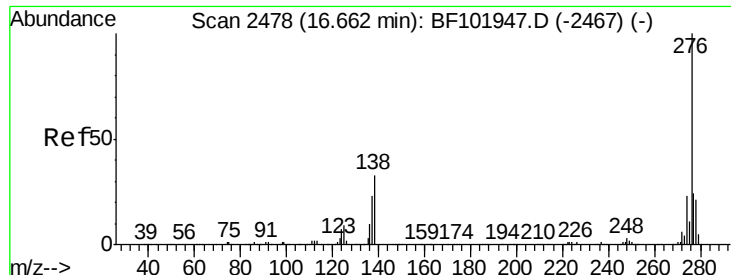
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 12.5 8.4 12.6

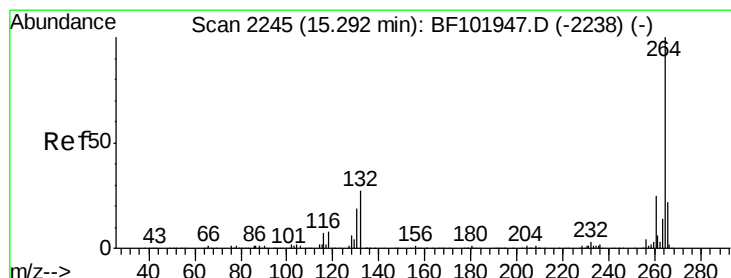
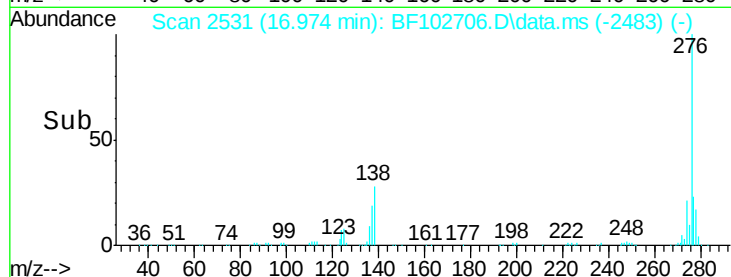
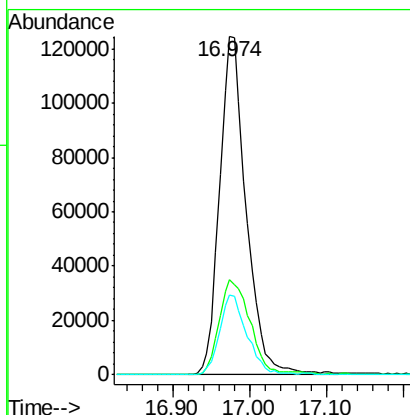
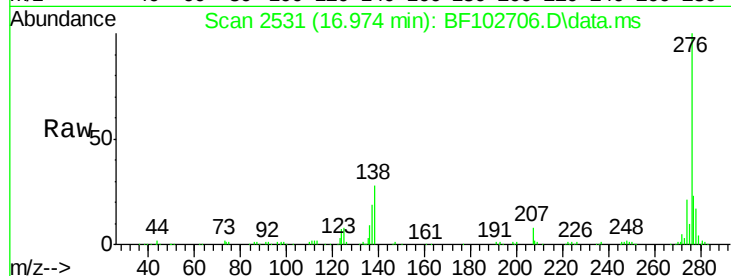




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.43 ng
 RT: 16.974 min Scan# 251
 Delta R.T. -0.018 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

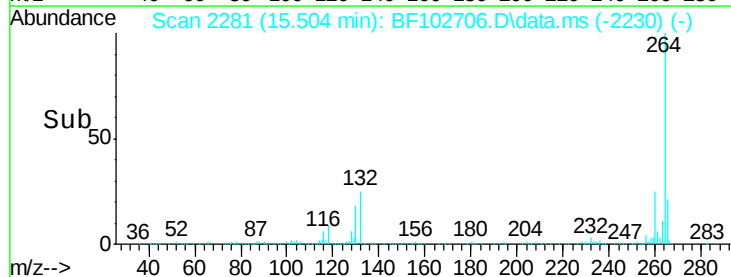
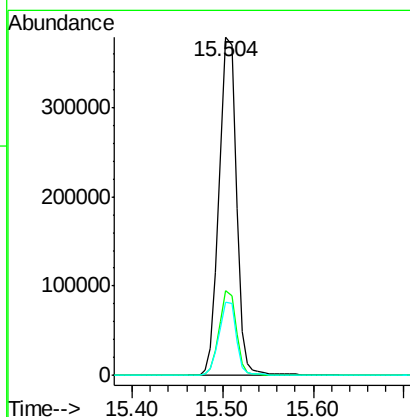
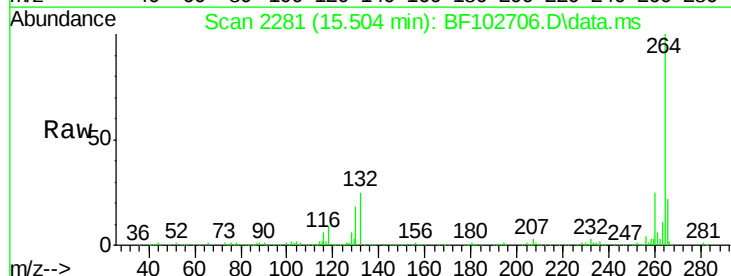
Instrument :
 BNA_F
 ClientSampleId :

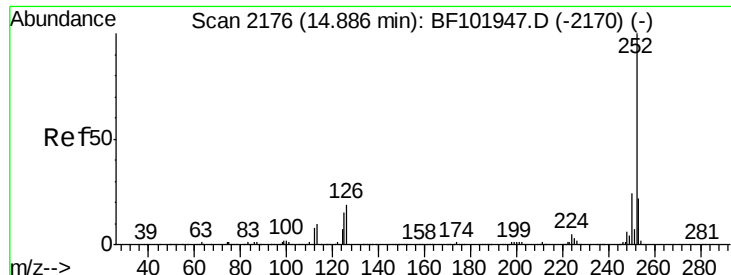
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	24.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF102706.D
 Acq: 3 Feb 2018 9:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 10.53 ng

RT: 15.068 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

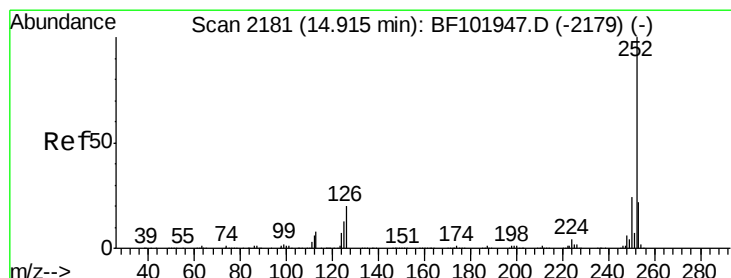
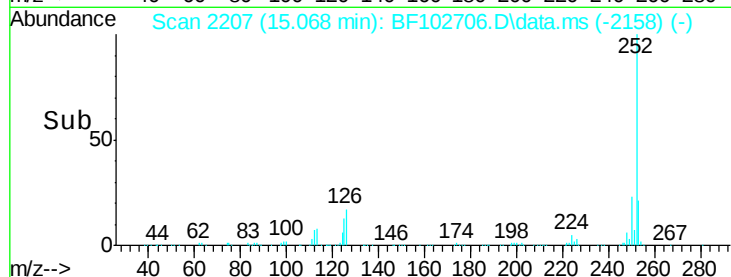
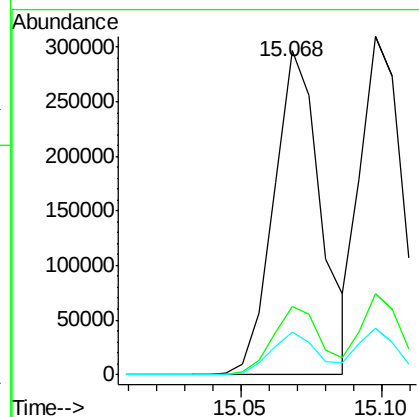
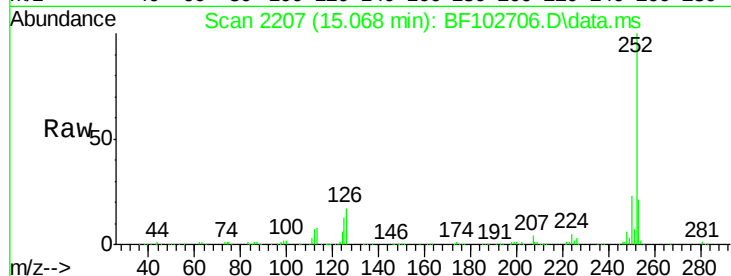
Tot Ion:252 Resp: 344113

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 12.9 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 10.30 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

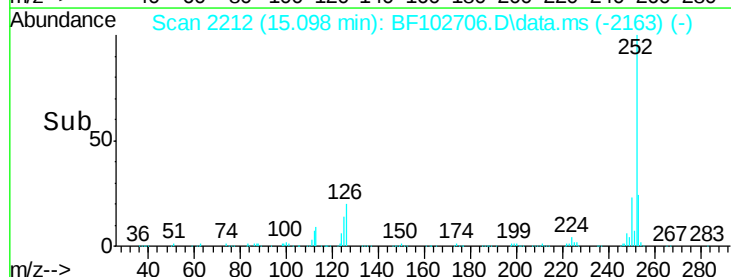
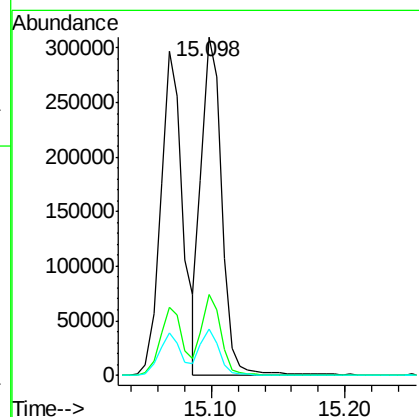
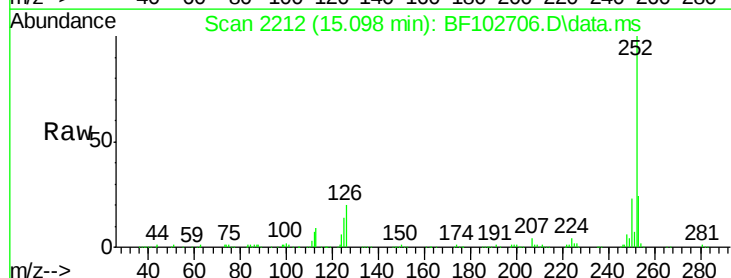
Tgt Ion:252 Resp: 324690

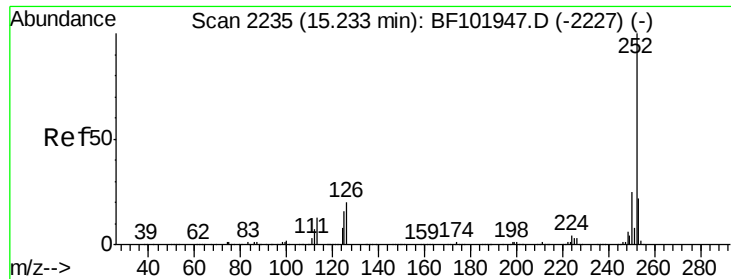
Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

125 13.7 10.2 15.2

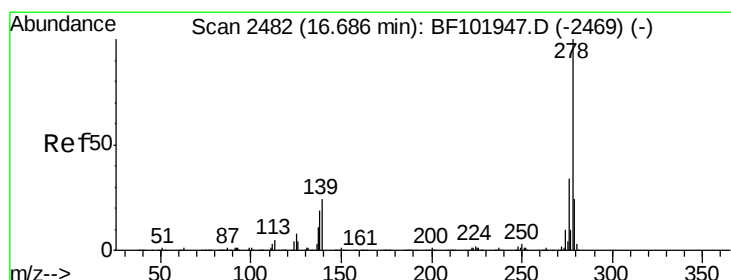
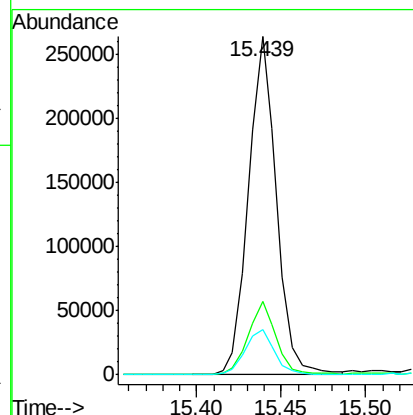
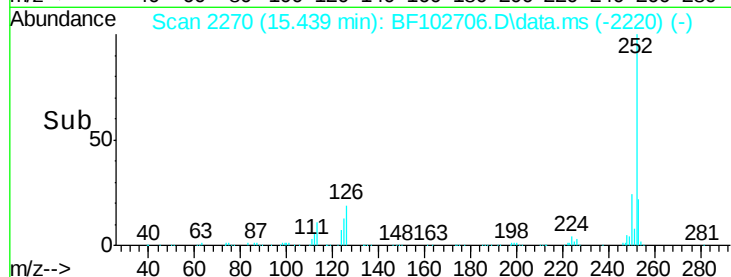
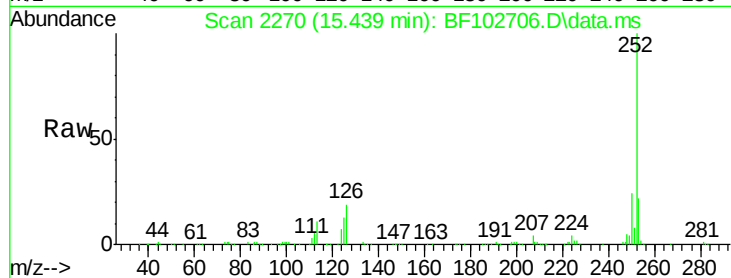




#89
Benzo(a)pyrene
Concen: 10.35 ng
RT: 15.439 min Scan# 22
Delta R.T. -0.006 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

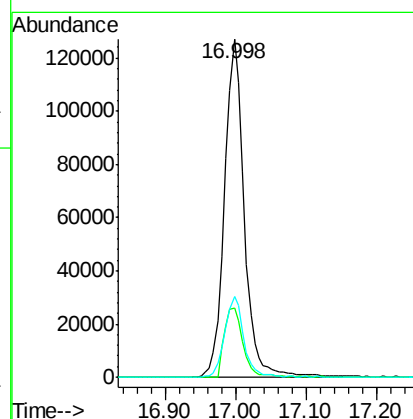
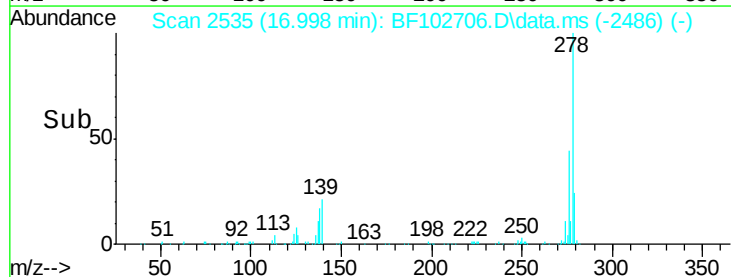
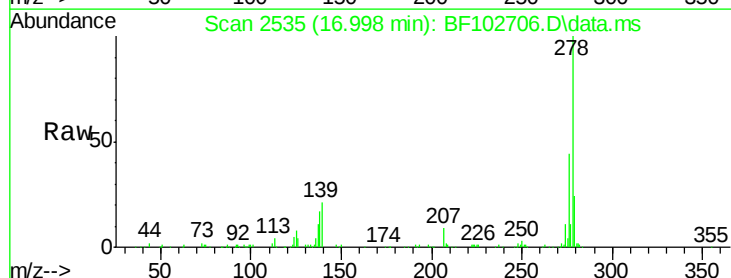
Instrument :
BNA_F
ClientSampleId :

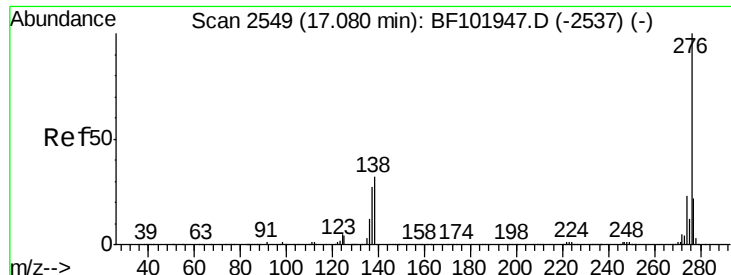
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 10.56 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.012 min
Lab File: BF102706.D
Acq: 3 Feb 2018 9:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 10.09 ng

RT: 17.421 min Scan# 26

Delta R.T. -0.018 min

Lab File: BF102706.D

Acq: 3 Feb 2018 9:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 238430

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 29.1 21.8 32.8

