

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103446.D
 Acq On : 6 Mar 2018 10:50
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 11:54:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118086	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	503330	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	230464	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	392017	20.00	ng	0.00
75) Chrysene-d12	14.07	240	269976	20.00	ng	0.00
86) Perylene-d12	15.57	264	258849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	643549	82.42	ng	0.00
7) Phenol-d6	6.52	99	761364	79.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	689587	78.24	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	132570	67.96	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1006817	72.68	ng	0.00
78) Terphenyl-d14	13.00	244	813562	72.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	159372	38.647	ng	93
3) Pyridine	3.43	79	418273	37.993	ng	99
4) n-Nitrosodimethylamine	3.38	42	172816	38.923	ng	88
6) Aniline	6.54	93	533889	38.720	ng	# 82
8) 2-Chlorophenol	6.66	128	316466	39.017	ng	93
9) Benzaldehyde	6.43	77	220403	37.181	ng	94
10) Phenol	6.53	94	428379	38.624	ng	85
11) bis(2-Chloroethyl)ether	6.60	93	343058	40.754	ng	93
12) 1,3-Dichlorobenzene	6.81	146	359829	38.821	ng	95
13) 1,4-Dichlorobenzene	6.89	146	373045	40.143	ng	98
14) 1,2-Dichlorobenzene	7.05	146	332679	38.824	ng	98
15) Benzyl Alcohol	7.02	79	275851	38.316	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	536243	37.097	ng	58
17) 2-Methylphenol	7.13	107	287983	39.070	ng	# 87
18) Hexachloroethane	7.37	117	129736	38.350	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	241536	40.622	ng	97
20) 3+4-Methylphenols	7.29	107	362869	40.386	ng	# 54
22) Acetophenone	7.29	105	468593	39.885	ng	# 88
24) Nitrobenzene	7.46	77	385462	39.723	ng	96
25) Isophorone	7.69	82	665079	38.314	ng	96
26) 2-Nitrophenol	7.77	139	182966	40.052	ng	91
27) 2,4-Dimethylphenol	7.81	122	264423	37.869	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	396816	38.882	ng	97
29) 2,4-Dichlorophenol	8.02	162	267741	40.050	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	264872	37.206	ng	99
31) Naphthalene	8.18	128	927080	37.622	ng	99
32) Benzoic acid	7.96	122	190167	38.335	ng	97
33) 4-Chloroaniline	8.23	127	422208	39.705	ng	97
34) Hexachlorobutadiene	8.29	225	135670	36.597	ng	98
35) Caprolactam	8.61	113	89044	37.898	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	298253	39.554	ng	99
37) 2-Methylnaphthalene	8.87	142	604822	37.978	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	234338	37.194	ng	98
40) Hexachlorocyclopentadiene	9.02	237	65074	34.931	ng	98

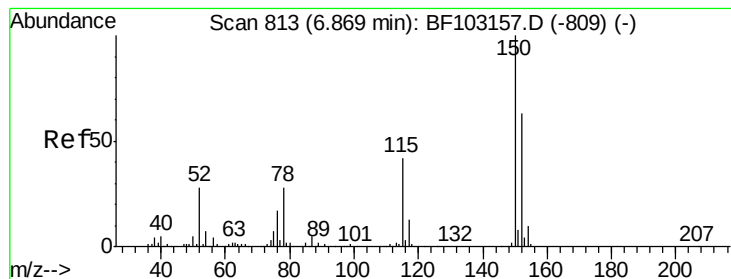
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103446.D
 Acq On : 6 Mar 2018 10:50
 Operator : SJ/JU
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 BNA_F
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Quant Time: Mar 06 11:54:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	157687	37.196	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	174442	35.776	ng	96
45) 1,1'-Biphenyl	9.33	154	710502	36.791	ng	99
46) 2-Chloronaphthalene	9.36	162	562849	36.840	ng	99
47) 2-Nitroaniline	9.47	65	238280	42.104	ng	87
48) Acenaphthylene	9.78	152	865133	36.803	ng	99
49) Dimethylphthalate	9.63	163	663355	35.880	ng	99
50) 2,6-Dinitrotoluene	9.70	165	144720	37.301	ng	# 73
51) Acenaphthene	9.95	154	501351	36.576	ng	99
52) 3-Nitroaniline	9.88	138	189362	38.469	ng	94
53) 2,4-Dinitrophenol	10.01	184	41206	35.488	ng	# 22
54) Dibenzofuran	10.12	168	678233	36.045	ng	95
55) 4-Nitrophenol	10.06	139	106166	34.800	ng	90
56) 2,4-Dinitrotoluene	10.12	165	168940	34.429	ng	# 79
57) Fluorene	10.47	166	578935	36.118	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	106100	32.392	ng	90
59) Diethylphthalate	10.33	149	628500	35.544	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	251906	37.059	ng	96
61) 4-Nitroaniline	10.50	138	173045	35.196	ng	99
62) Azobenzene	10.62	77	705094	39.175	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	75687	33.407	ng	# 82
65) n-Nitrosodiphenylamine	10.57	169	502605	36.822	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	145093	35.530	ng	96
67) Hexachlorobenzene	11.02	284	155897	35.172	ng	98
68) Atrazine	11.10	200	141022	34.374	ng	99
69) Pentachlorophenol	11.22	266	77637	36.226	ng	97
70) Phenanthrene	11.43	178	787219	36.489	ng	99
71) Anthracene	11.49	178	823417	37.221	ng	100
72) Carbazole	11.64	167	819346	37.191	ng	99
73) Di-n-butylphthalate	11.96	149	1012328	36.723	ng	99
74) Fluoranthene	12.63	202	799709	36.888	ng	99
76) Benzidine	12.75	184	434552	43.054	ng	99
77) Pyrene	12.86	202	815609	38.748	ng	100
79) Butylbenzylphthalate	13.46	149	442450	39.785	ng	96
80) Benzo(a)anthracene	14.06	228	661279	37.751	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	224451	35.904	ng	96
82) Chrysene	14.10	228	641380	37.709	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	547260	36.466	ng	99
84) Di-n-octyl phthalate	14.63	149	975634	40.237	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	554212	41.158	ng	98
87) Benzo(b)fluoranthene	15.13	252	603472	35.459	ng	99
88) Benzo(k)fluoranthene	15.16	252	586213	36.578	ng	99
89) Benzo(a)pyrene	15.52	252	566481	37.273	ng	98
90) Dibenzo(a,h)anthracene	17.13	278	465855	39.668	ng	97
91) Benzo(g,h,i)perylene	17.60	276	463371	40.372	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

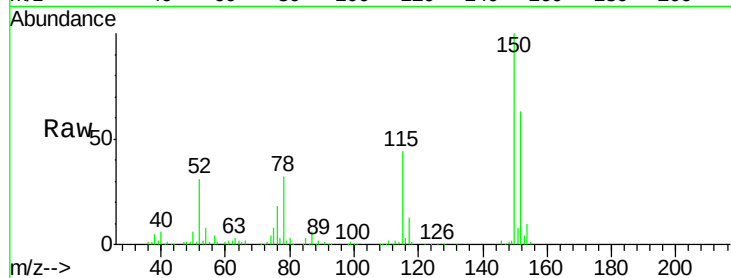
Tot Ion:152 Resp: 118086

Ion Ratio Lower Upper

152 100

150 158.7 124.6 186.8

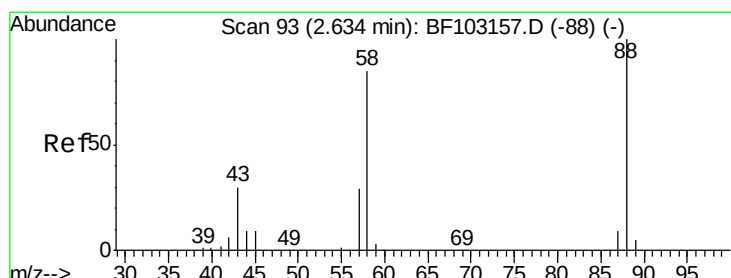
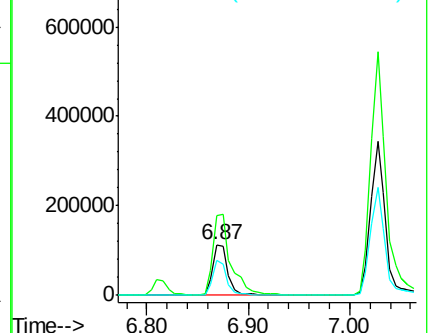
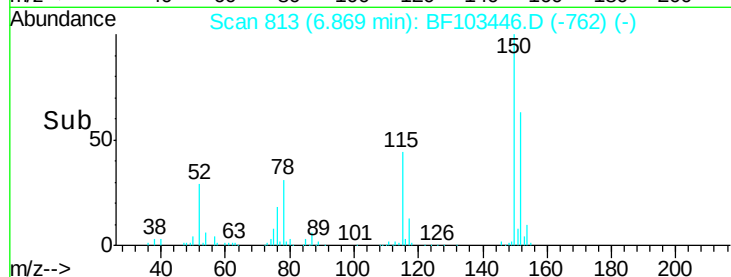
115 69.3 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.647 ng

RT: 2.63 min Scan# 92

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

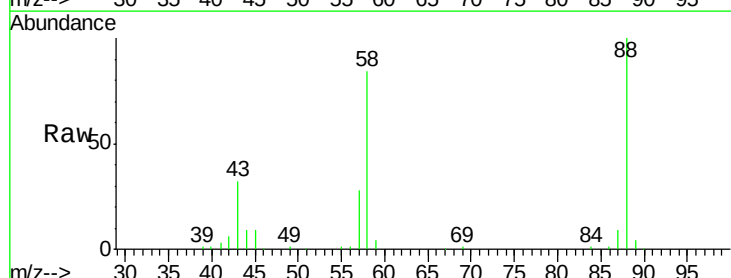
Tgt Ion: 88 Resp: 159372

Ion Ratio Lower Upper

88 100

58 87.0 62.6 93.8

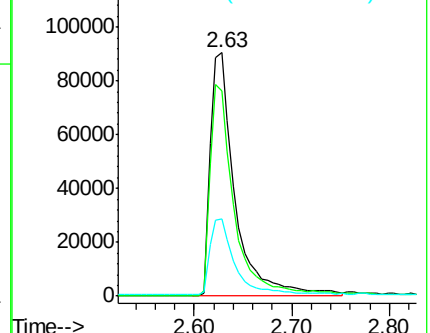
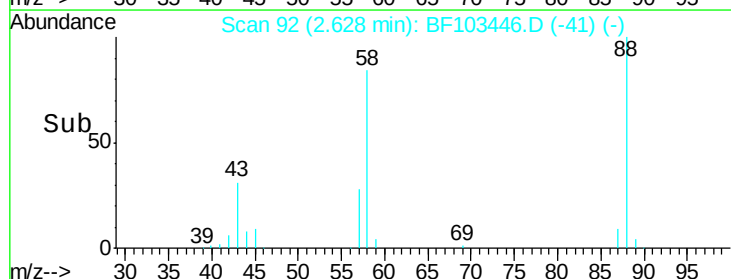
43 31.1 24.6 37.0

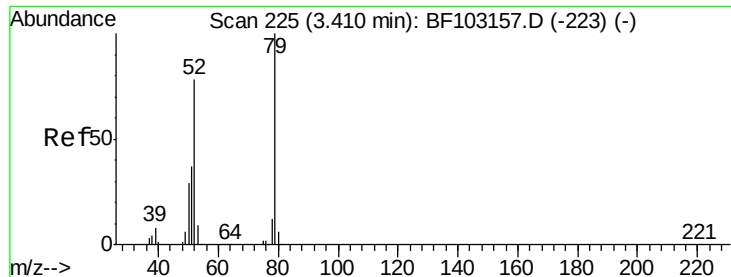


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

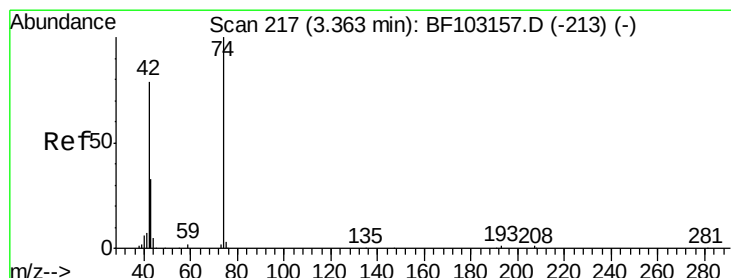
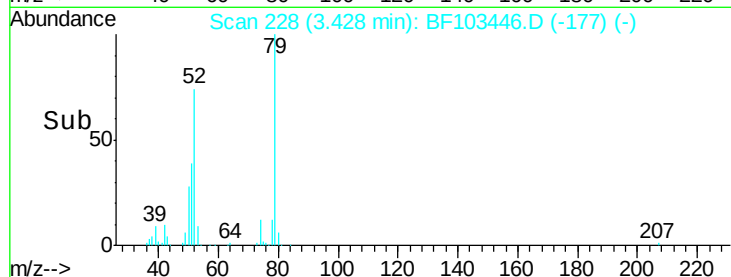
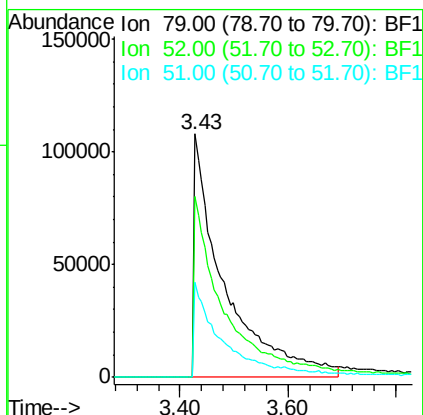
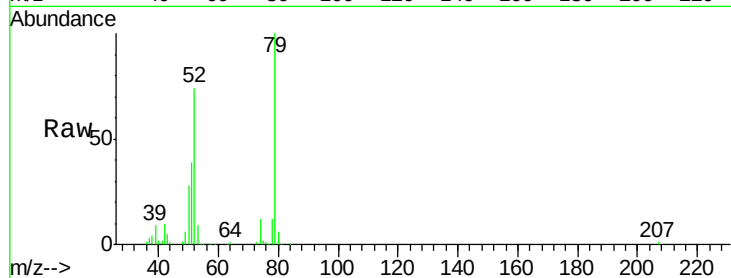




#3
 Pvridine
 Concen: 37.993 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

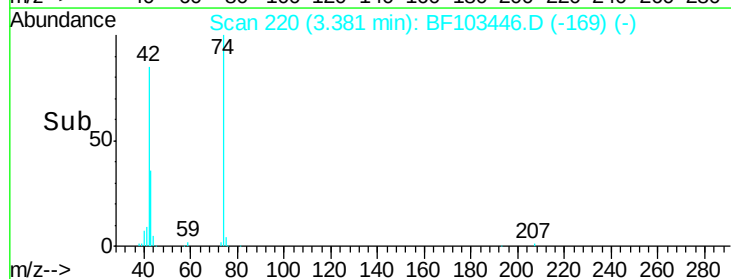
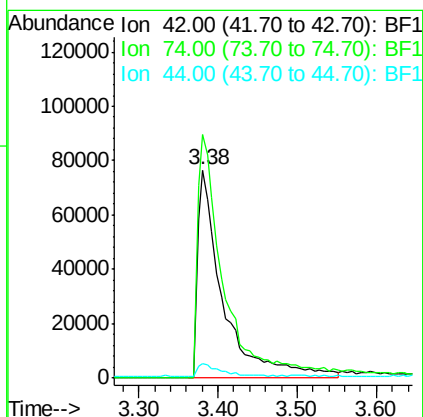
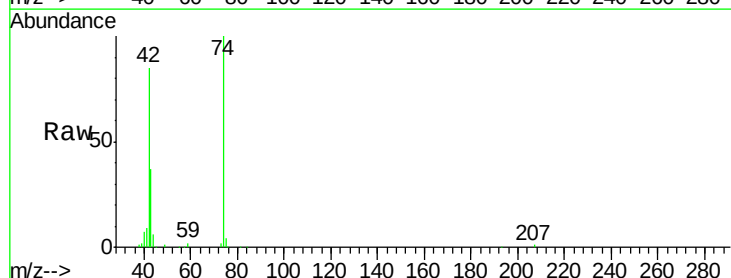
Instrument :
 BNA_F
 ClientSampled :

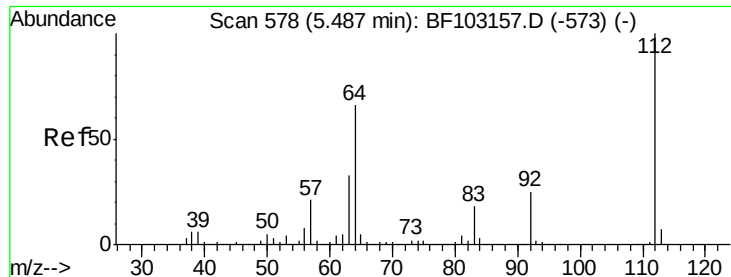
Tot Ion: 79 Resp: 418273
 Ion Ratio Lower Upper
 79 100
 52 74.3 59.8 89.6
 51 38.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.923 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion: 42 Resp: 172816
 Ion Ratio Lower Upper
 42 100
 74 117.1 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 82.425 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampled :

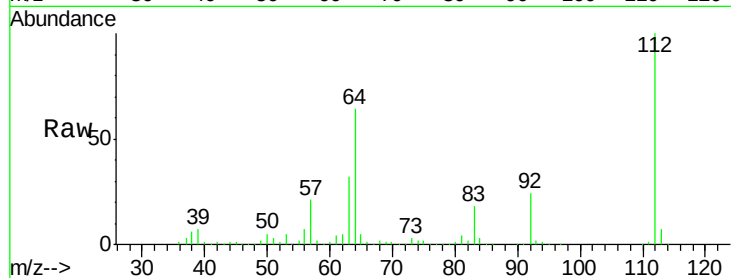
Tot Ion:112 Resp: 643549

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

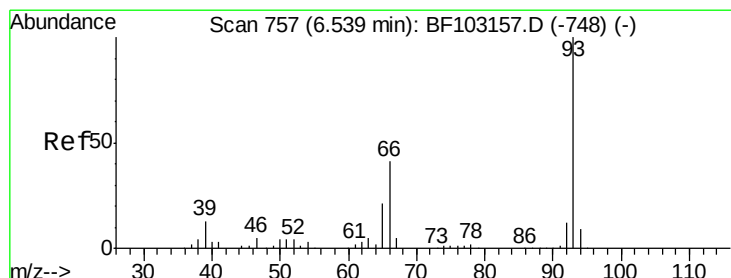
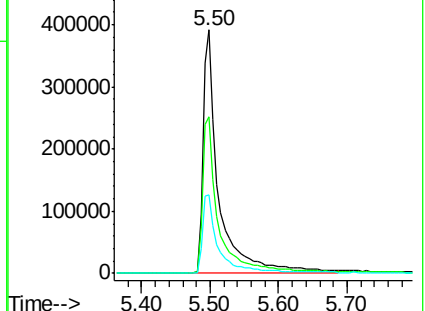
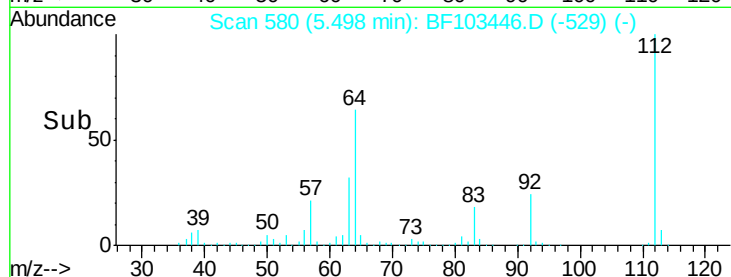
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.720 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

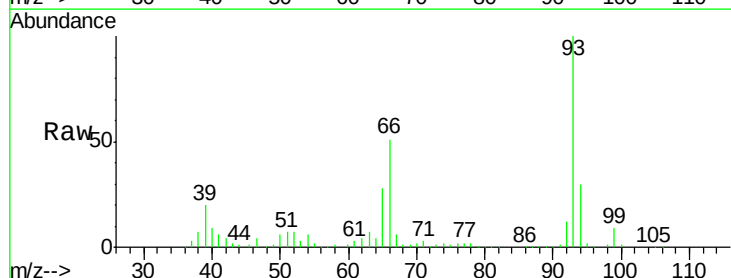
Tgt Ion: 93 Resp: 533889

Ion Ratio Lower Upper

93 100

66 51.3 32.2 48.2#

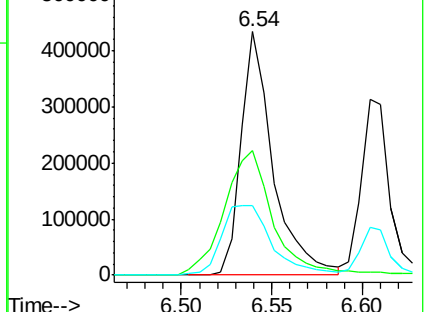
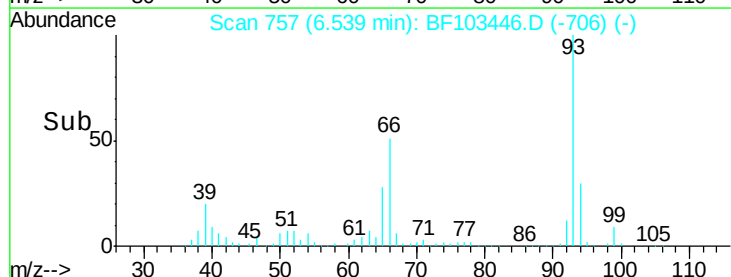
65 28.4 16.4 24.6#

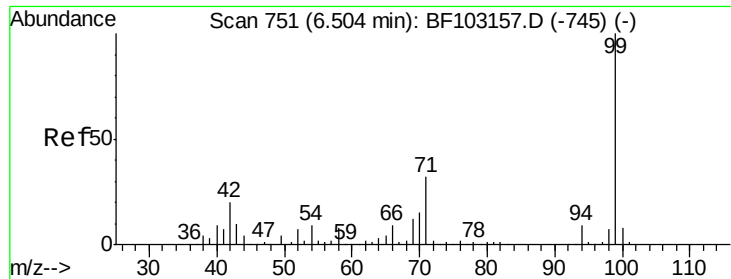


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.691 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

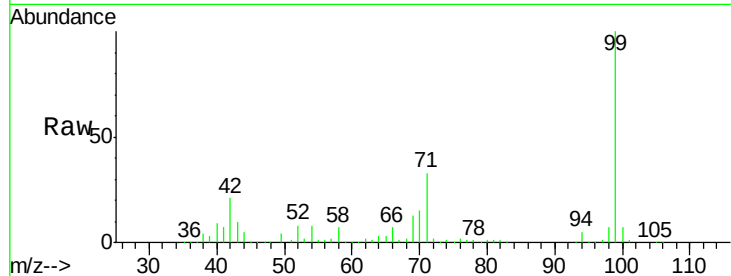
Tot Ion: 99 Resp: 761364

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

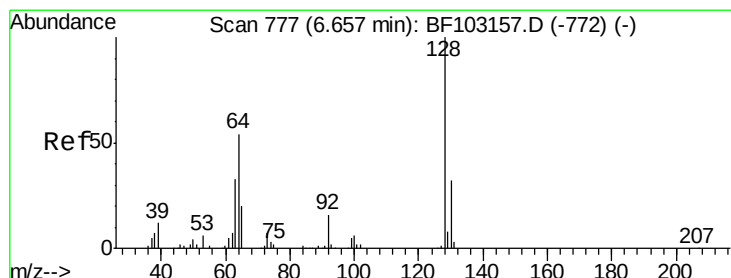
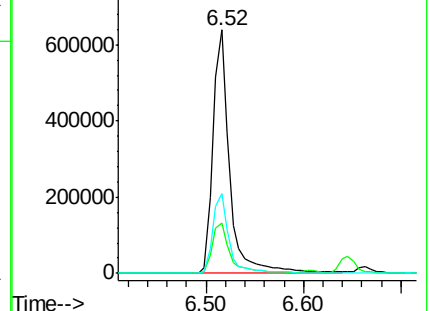
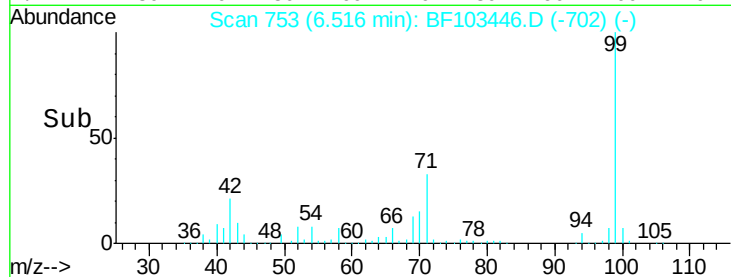
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.017 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

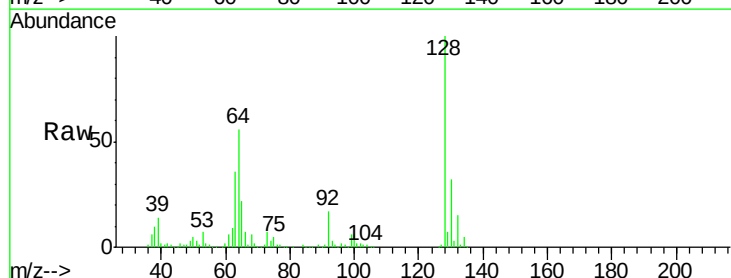
Tgt Ion:128 Resp: 316466

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

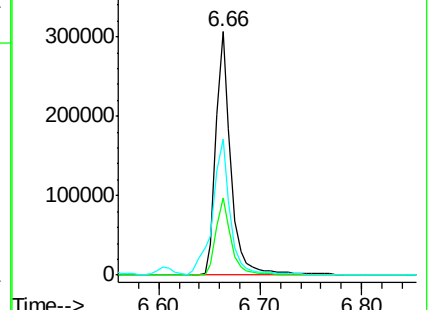
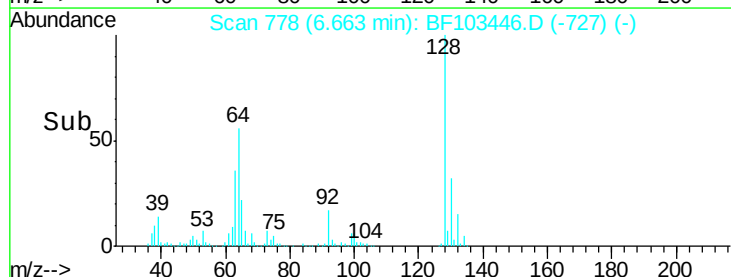
64 55.7 29.4 69.4

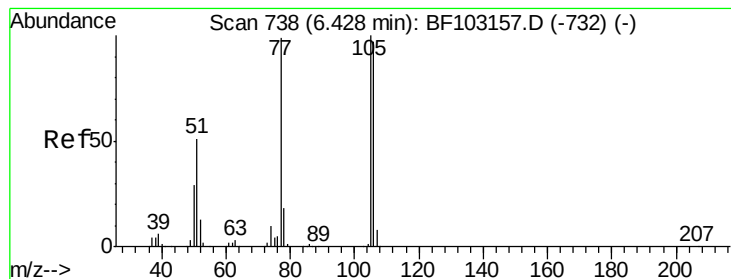


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.181 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampled :

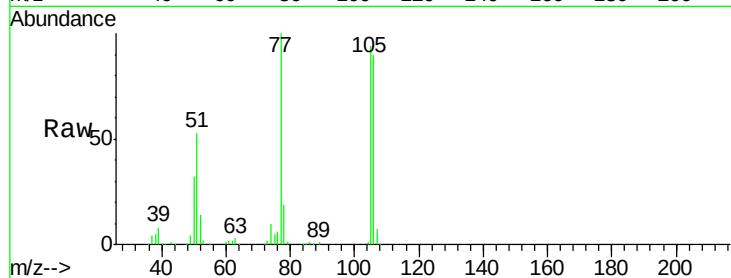
Tot Ion: 77 Resp: 220403

Ion Ratio Lower Upper

77 100

105 94.1 81.1 121.1

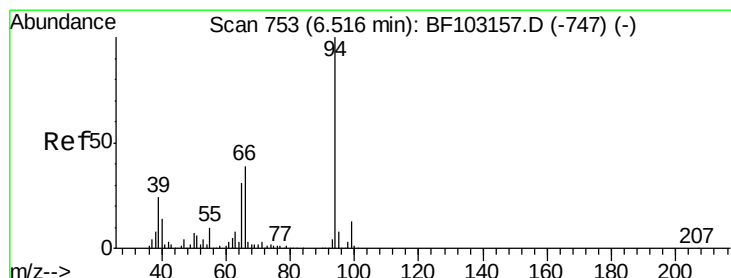
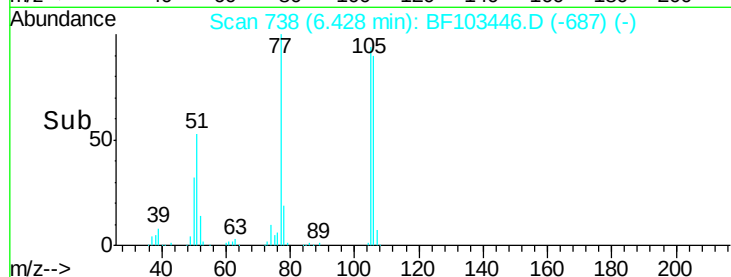
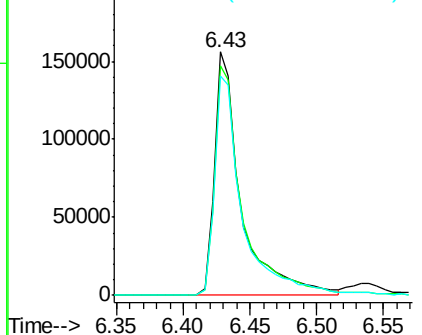
106 89.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.624 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

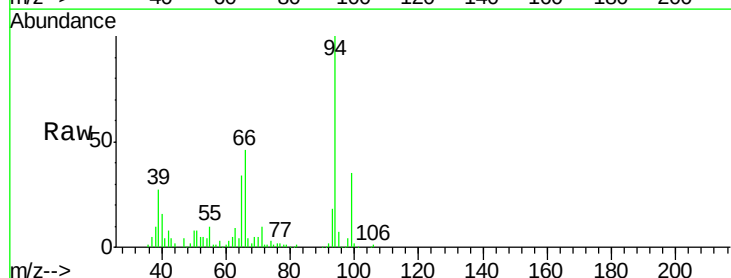
Tgt Ion: 94 Resp: 428379

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

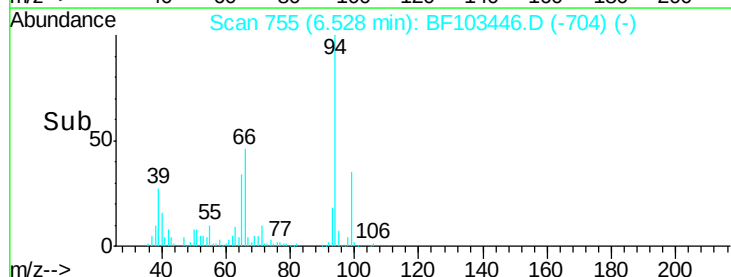
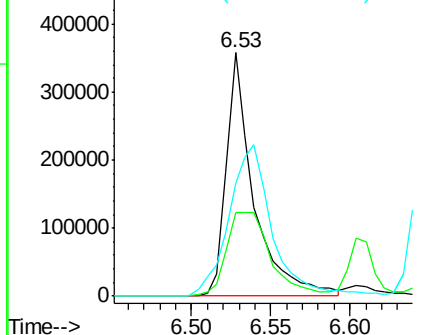
66 46.4 16.2 56.2

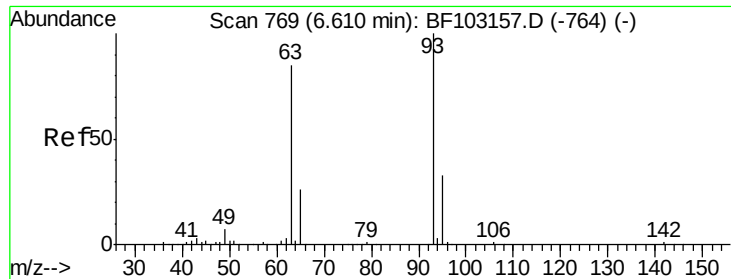


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.754 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

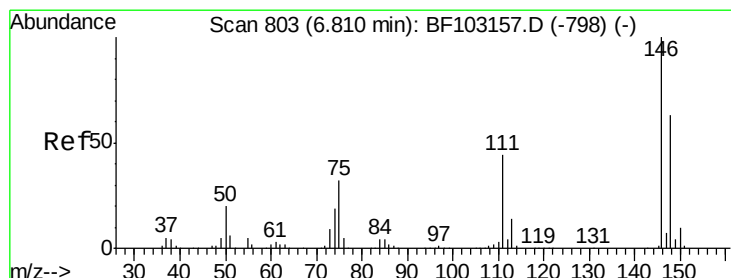
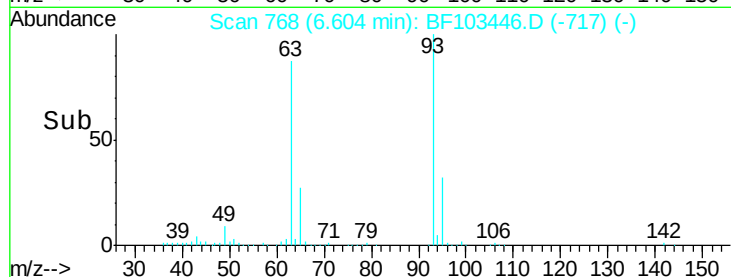
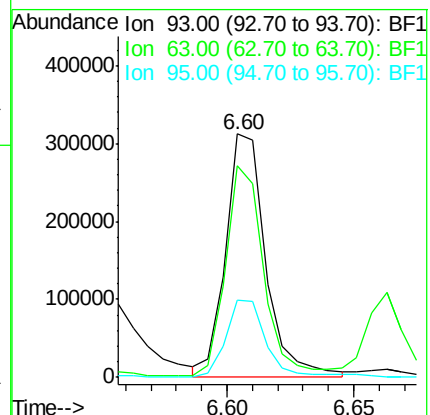
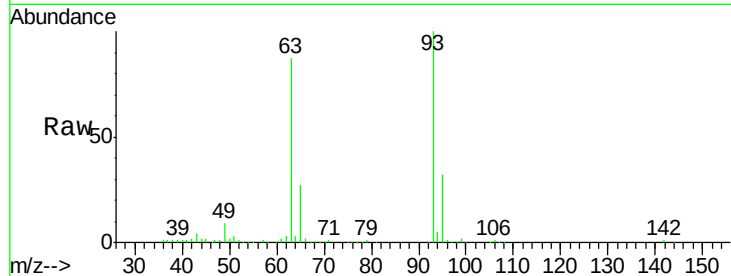
Tot Ion: 93 Resp: 343058

Ion Ratio Lower Upper

93 100

63 87.1 58.6 98.6

95 31.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.821 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

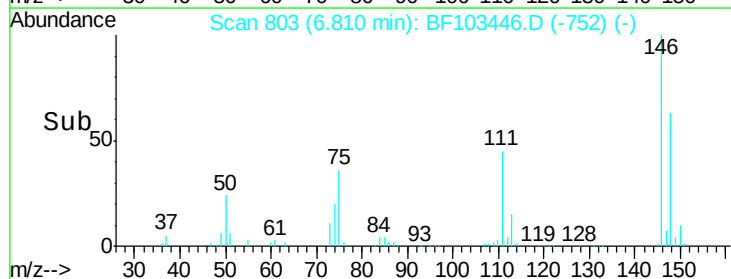
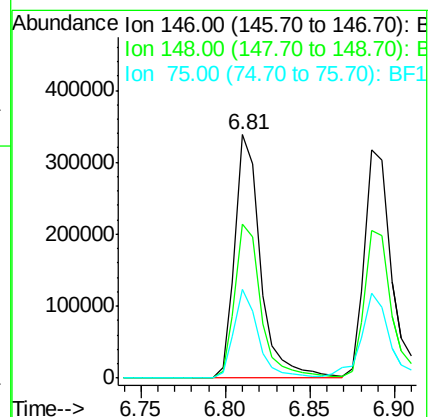
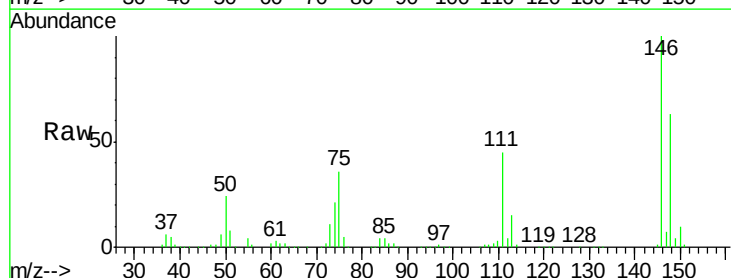
Tgt Ion: 146 Resp: 359829

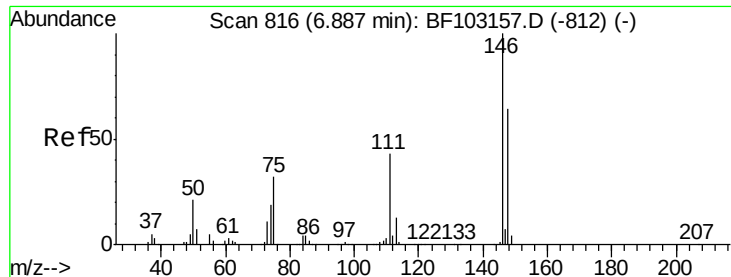
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.8

75 36.3 24.2 36.4

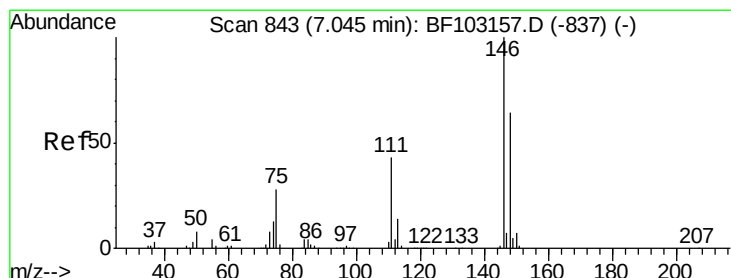
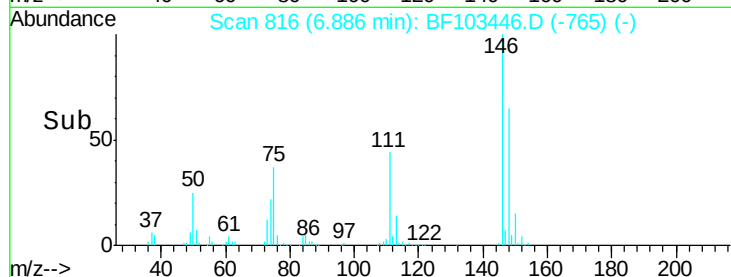
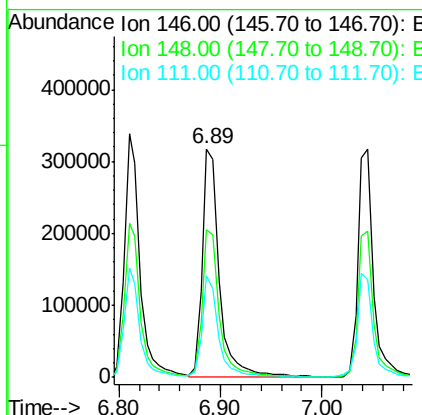
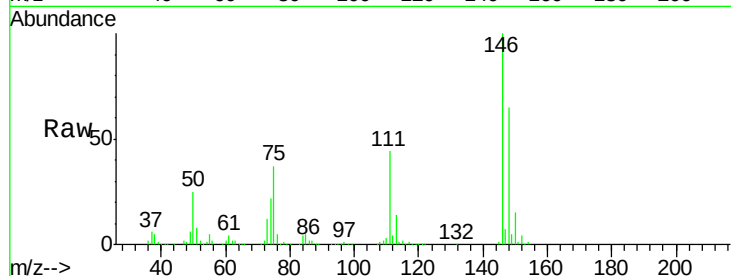




#13
 1,4-Dichlorobenzene
 Concen: 40.143 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

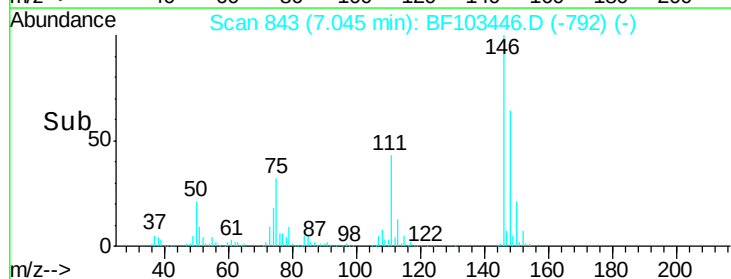
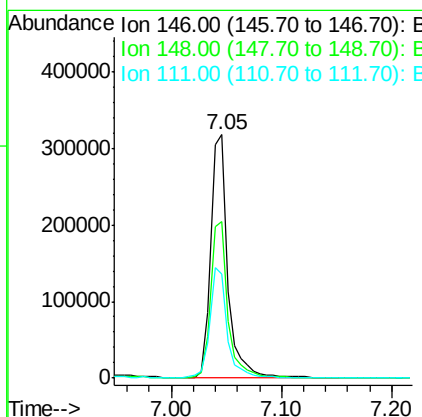
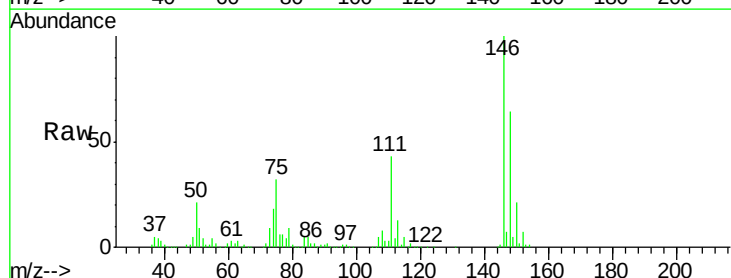
Instrument :
 BNA_F
 ClientSampled :

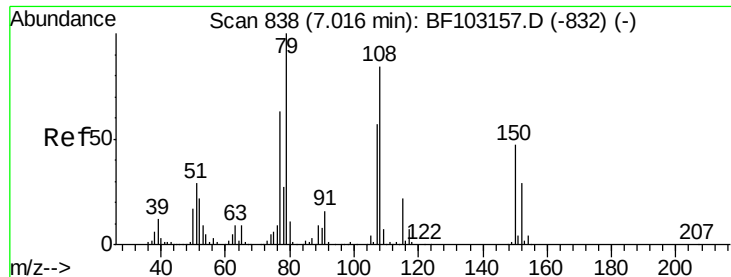
Tot Ion:146 Resp: 373045
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 44.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.824 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:146 Resp: 332679
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 42.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.316 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampled :

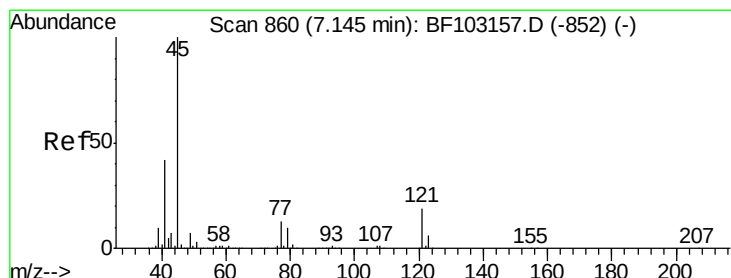
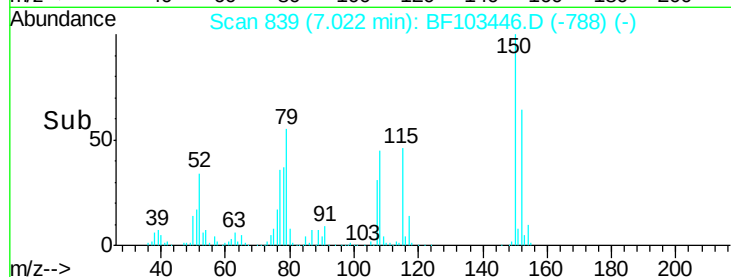
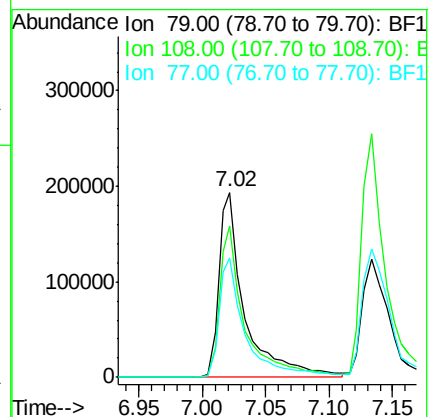
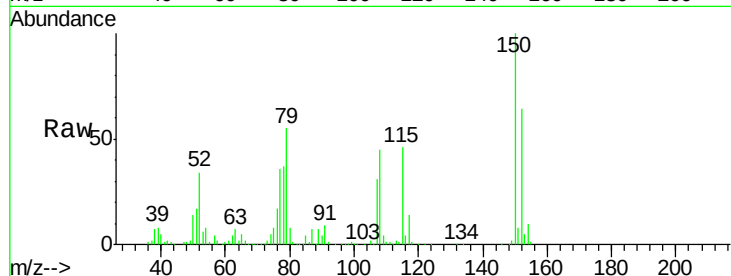
Tot Ion: 79 Resp: 275851

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

77 64.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.097 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

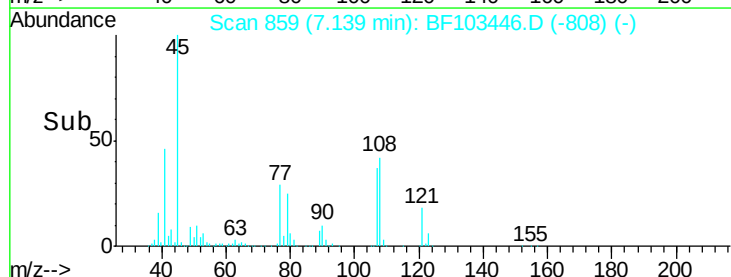
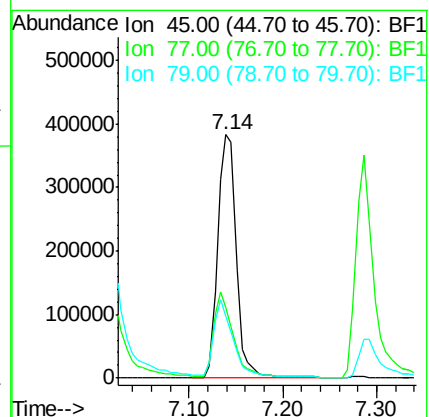
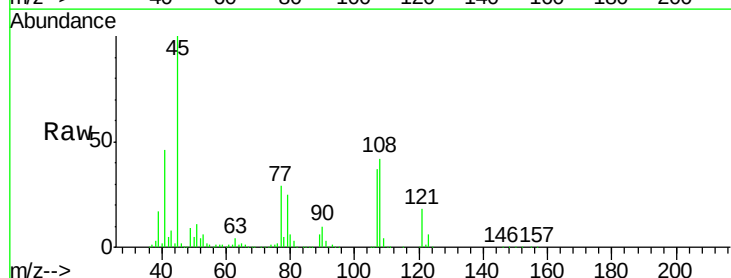
Tgt Ion: 45 Resp: 536243

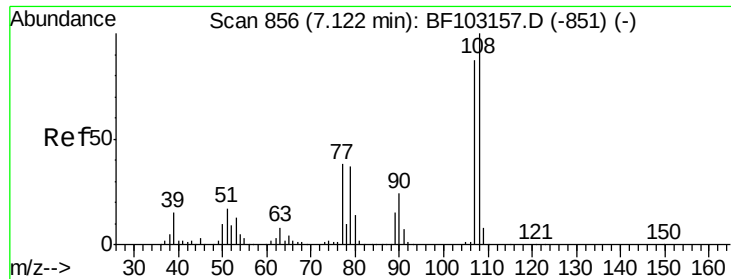
Ion Ratio Lower Upper

45 100

77 29.0 0.0 32.9

79 25.3 0.0 29.6

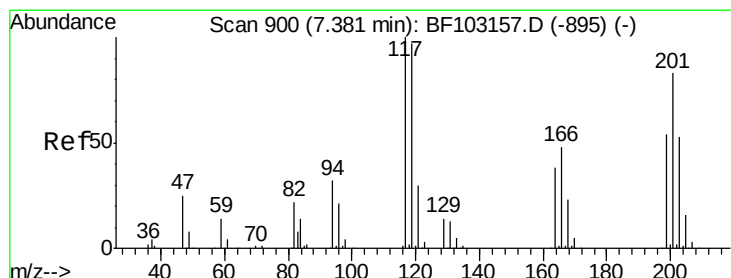
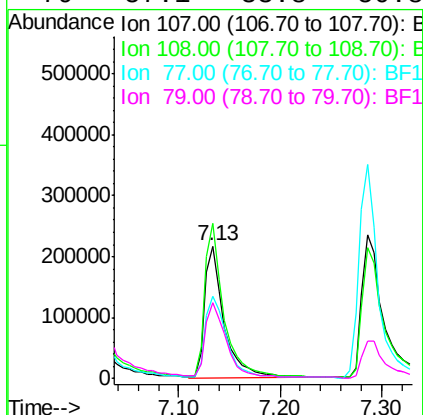
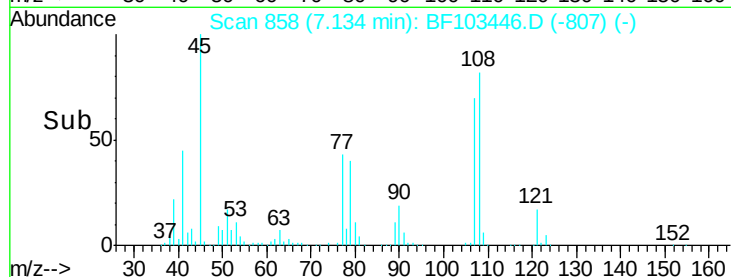
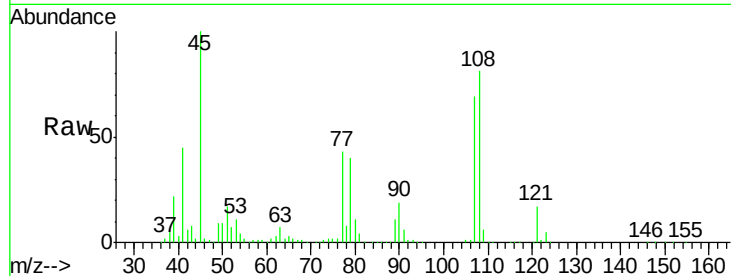




#17
2-Methylphenol
Concen: 39.070 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

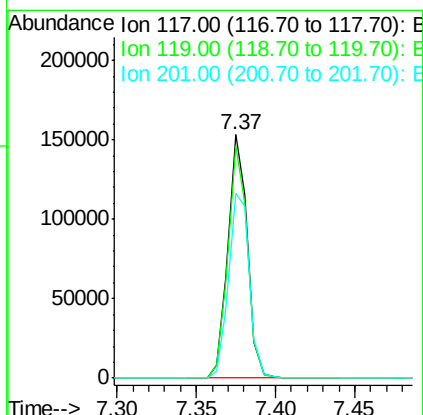
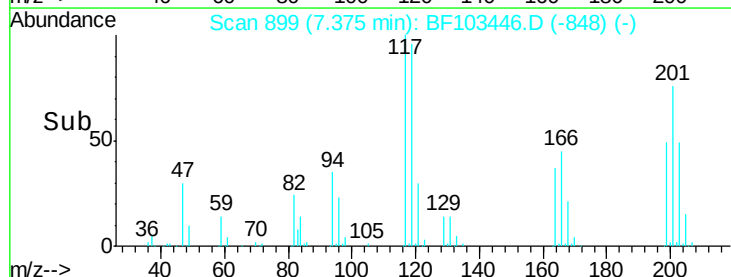
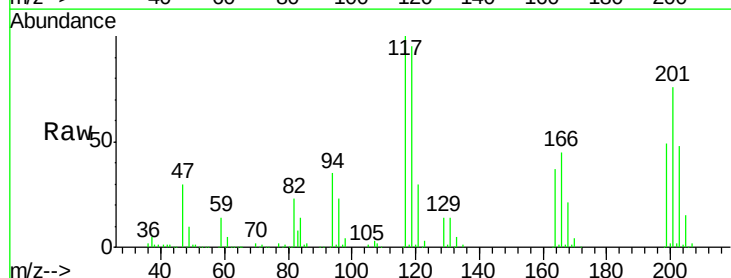
Instrument :
BNA_F
ClientSampleId :

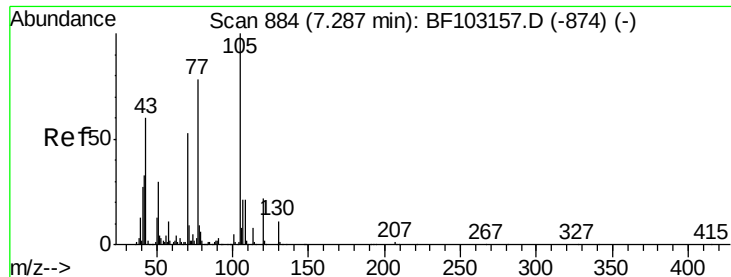
Tot Ion:107 Resp: 287983
Ion Ratio Lower Upper
107 100
108 117.3 91.7 137.5
77 62.1 33.8 50.8#
79 57.1 33.8 50.8#



#18
Hexachloroethane
Concen: 38.350 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:117 Resp: 129736
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 76.0 75.7 113.5

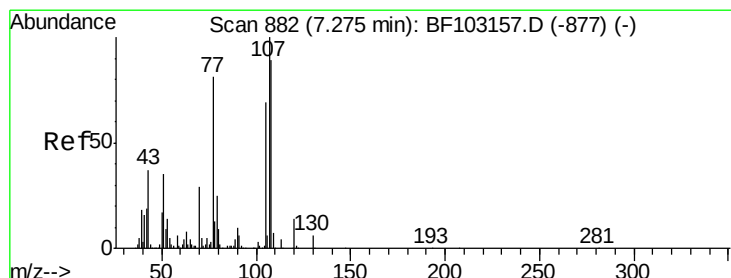
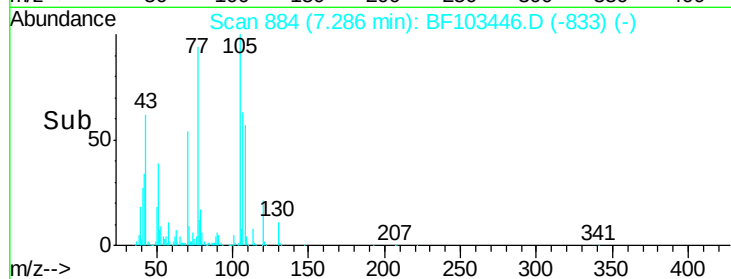
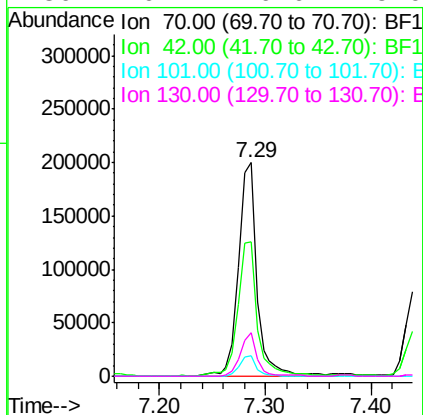
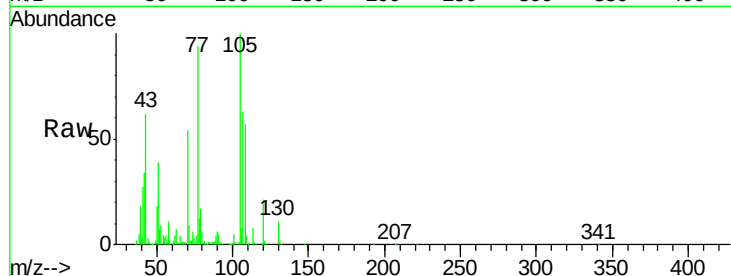




#19
n-Nitroso-di-n-propylamine
Concen: 40.622 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

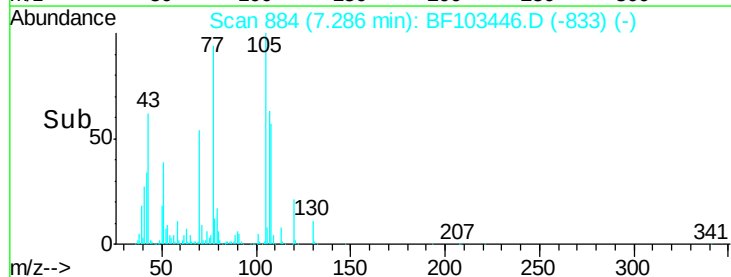
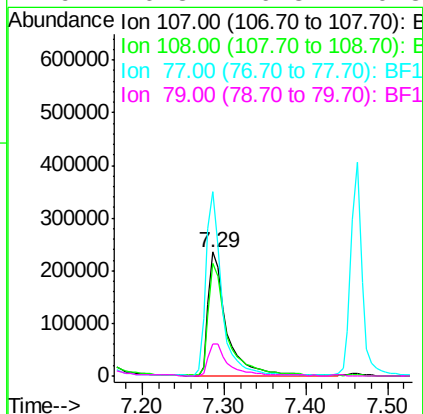
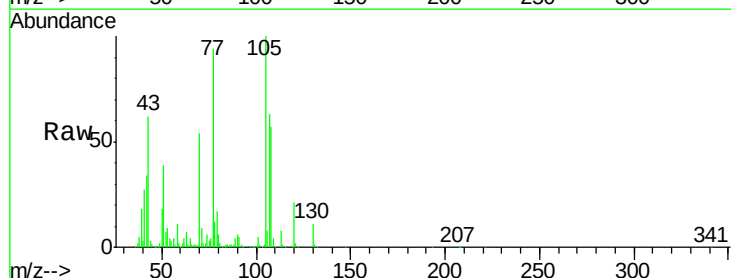
Instrument :
BNA_F
ClientSampleId :

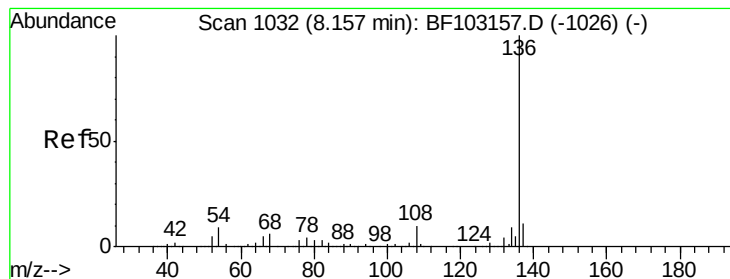
Tot Ion: 70 Resp: 241536
Ion Ratio Lower Upper
70 100
42 62.8 47.5 71.3
101 9.7 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.386 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion: 107 Resp: 362869
Ion Ratio Lower Upper
107 100
108 90.8 68.2 108.2
77 149.1 26.7 66.7#
79 26.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 503330

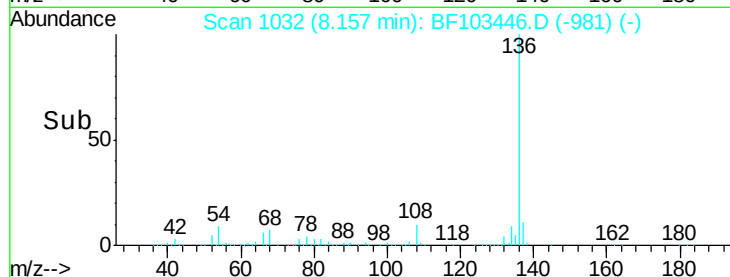
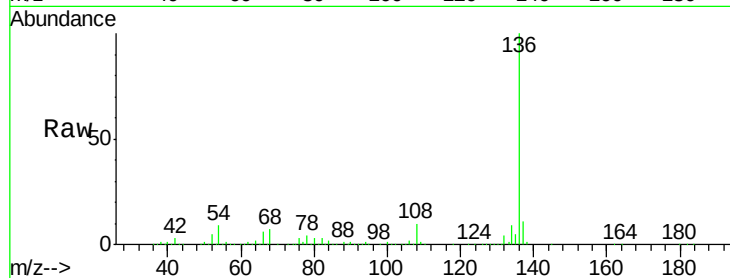
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 6.6 5.0 7.4

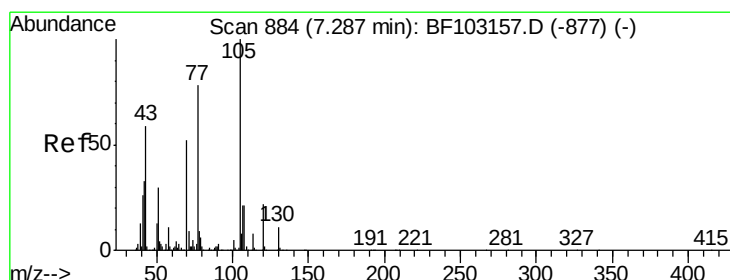
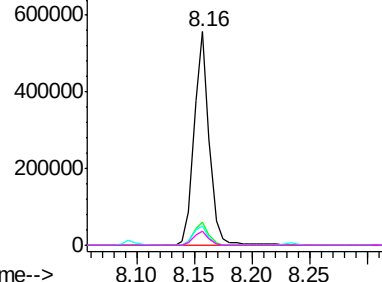


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.885 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Tgt Ion:105 Resp: 468593

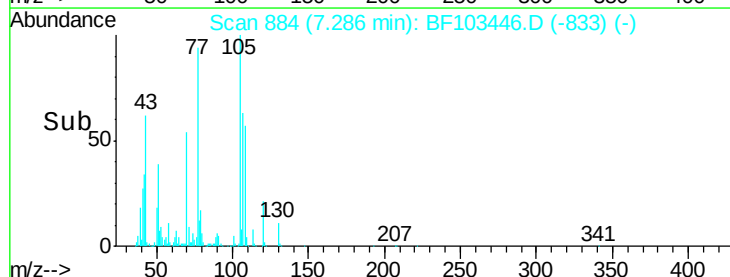
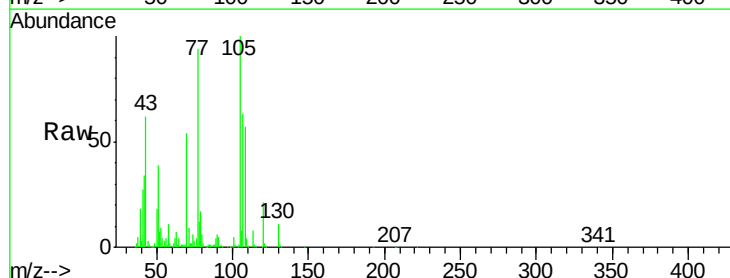
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 39.2 22.3 33.5#

120 21.4 16.9 25.3

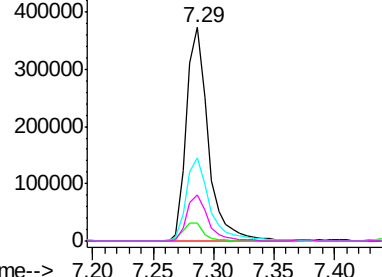


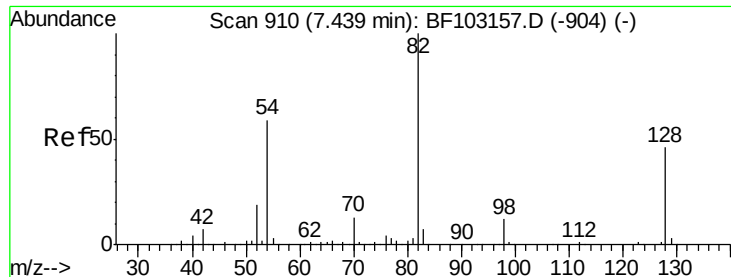
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

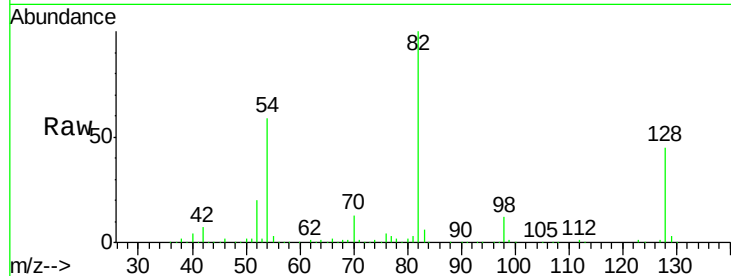




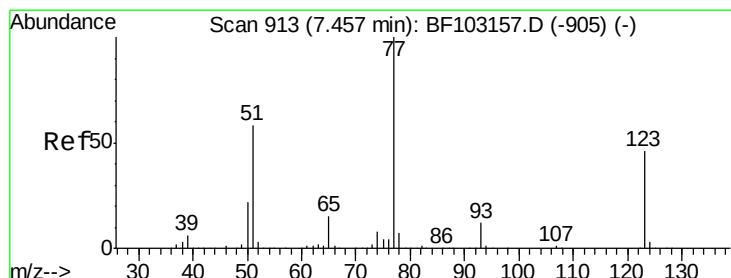
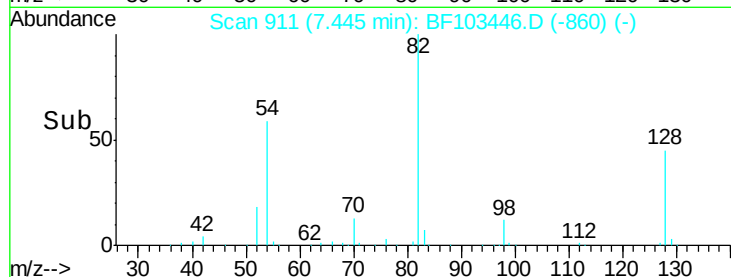
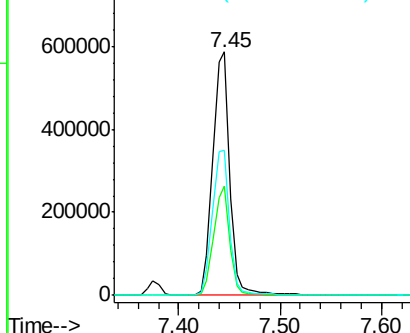
#23
Nitrobenzene-d5
Concen: 78.241 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 689587
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 59.4 41.4 62.2

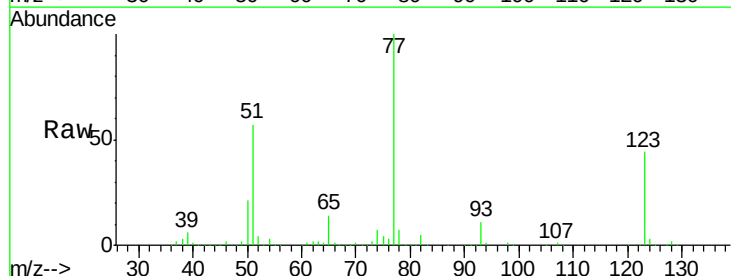


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

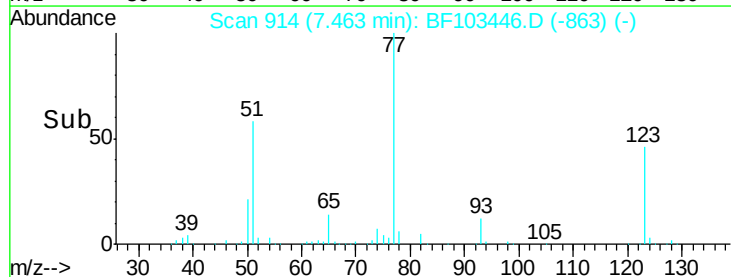
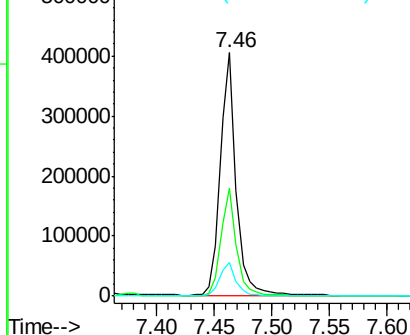


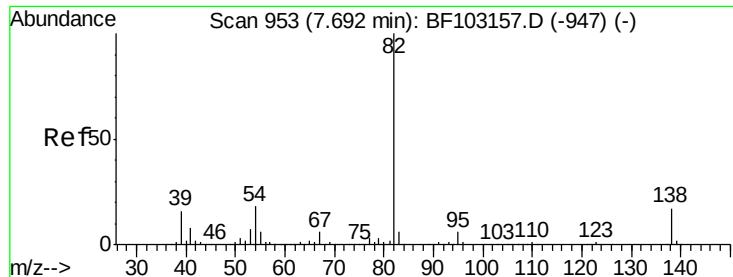
#24
Nitrobenzene
Concen: 39.723 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion: 77 Resp: 385462
Ion Ratio Lower Upper
77 100
123 44.3 37.9 56.9
65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 38.314 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

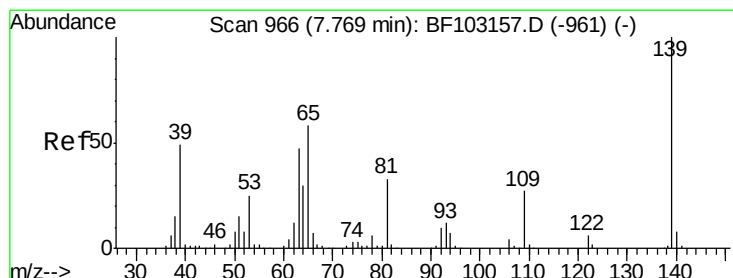
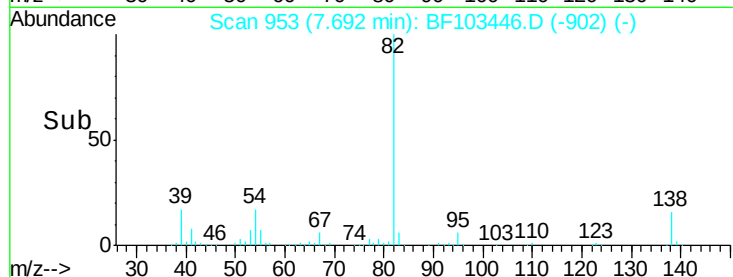
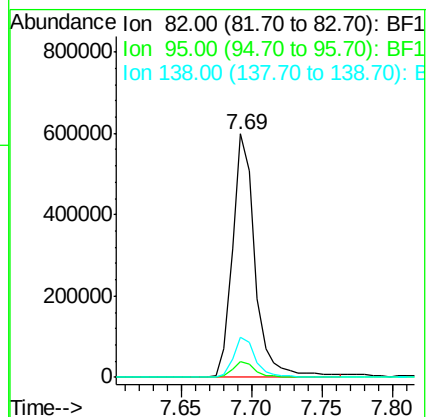
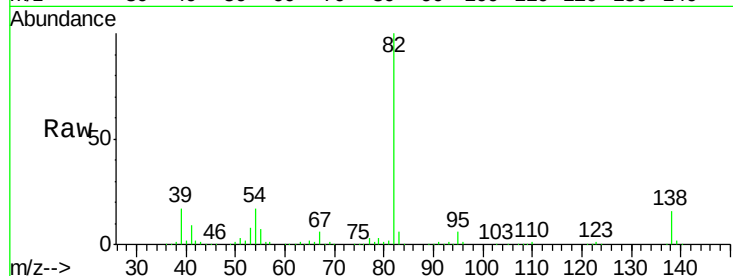
Tot Ion: 82 Resp: 665079

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.3 14.9 22.3



#26

2-Nitrophenol

Concen: 40.052 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

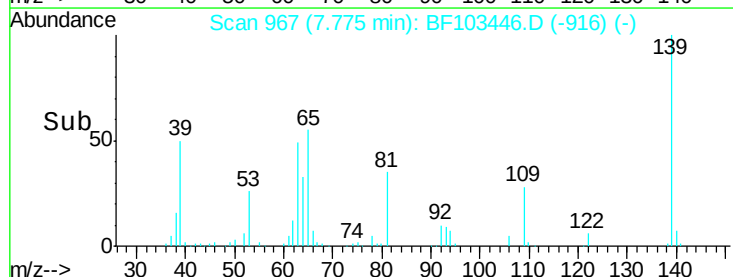
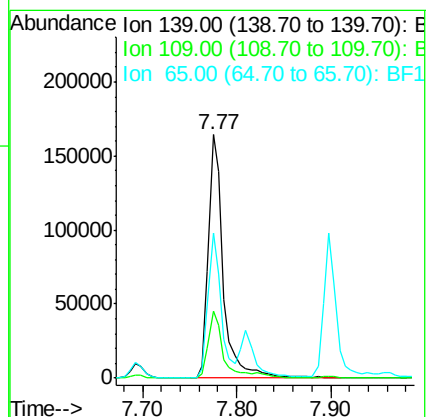
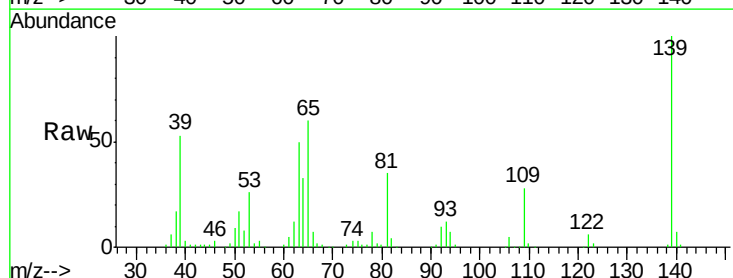
Tgt Ion: 139 Resp: 182966

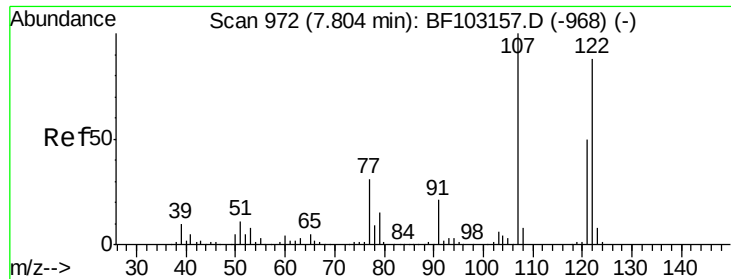
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 59.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.869 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

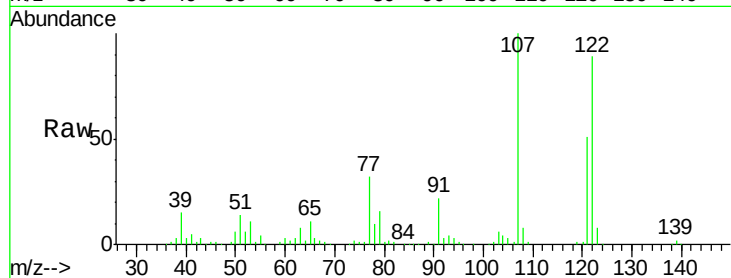
Tot Ion:122 Resp: 264423

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

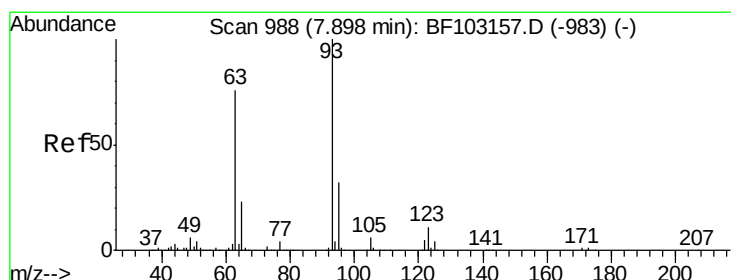
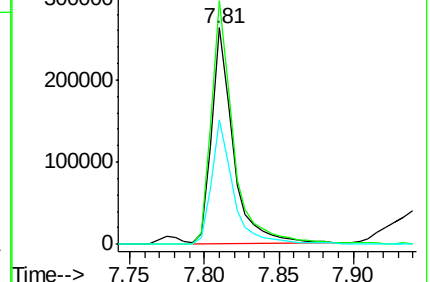
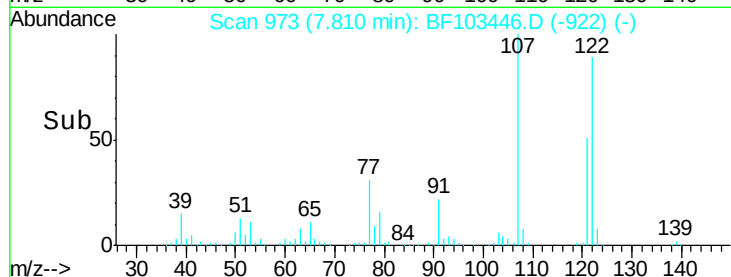
121 57.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.882 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

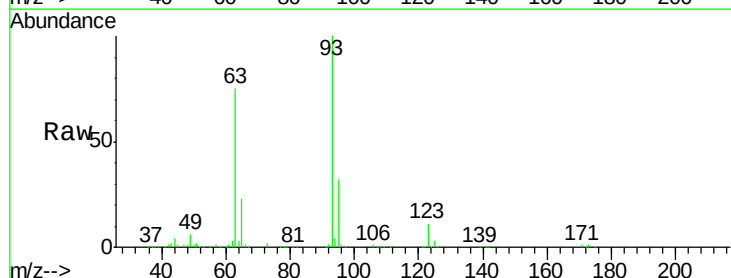
Tgt Ion: 93 Resp: 396816

Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

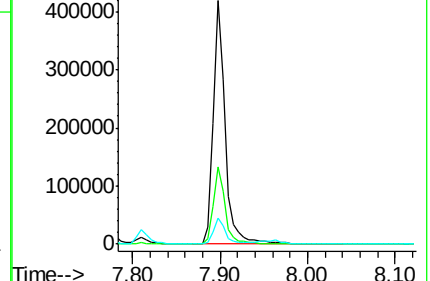
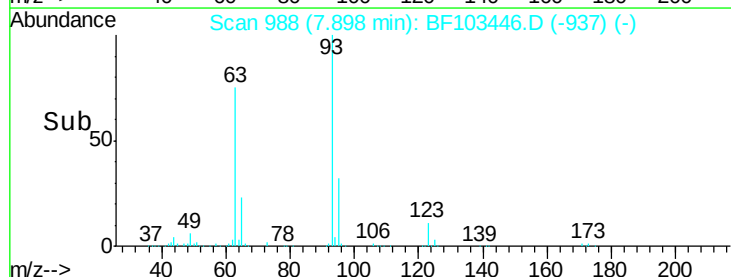
123 10.8 9.8 14.6

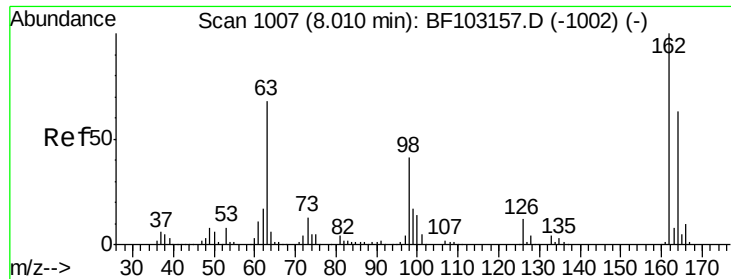


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

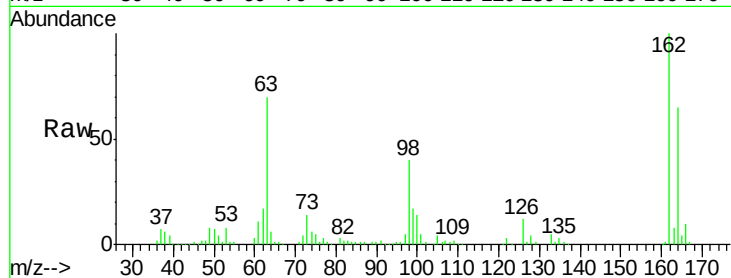




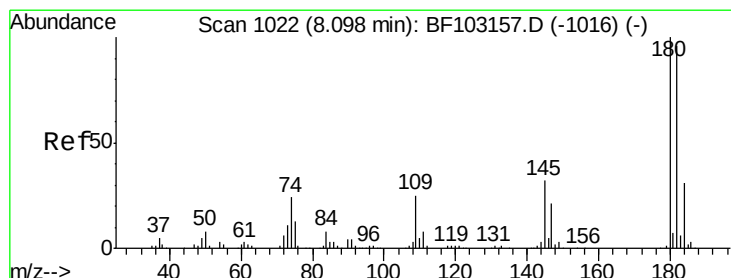
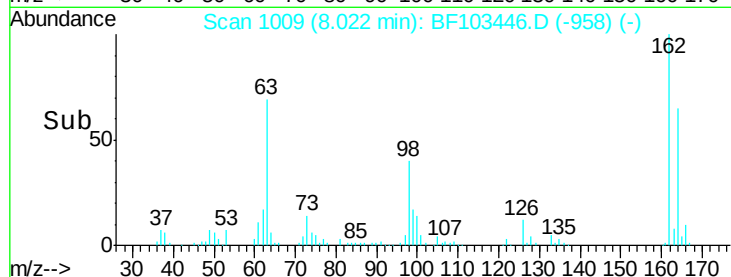
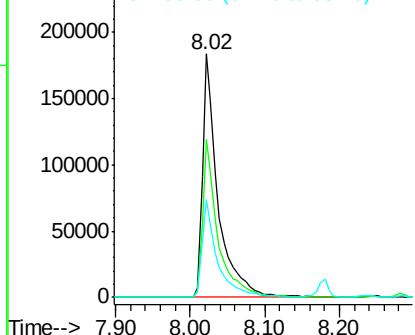
#29
 2,4-Dichlorophenol
 Concen: 40.050 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 267741
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.7 82.7
 98 40.2 18.1 58.1

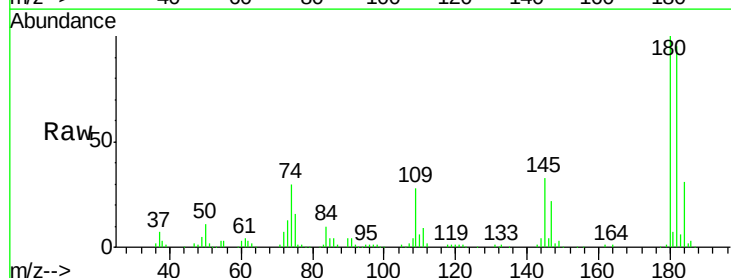


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

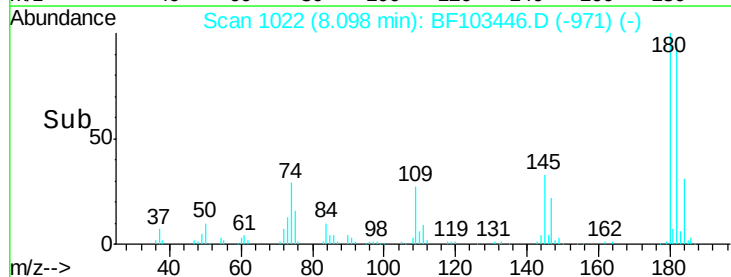
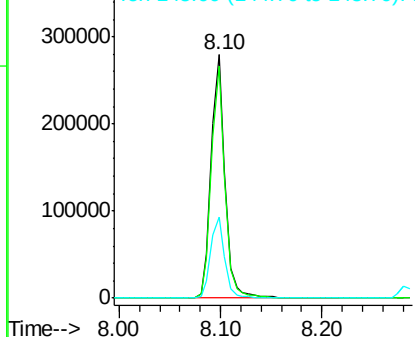


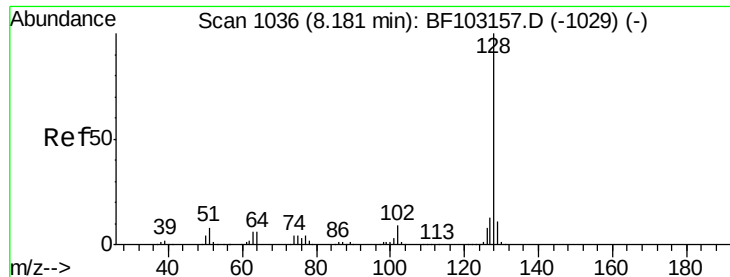
#30
 1,2,4-Trichlorobenzene
 Concen: 37.206 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:180 Resp: 264872
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 145 33.4 26.5 39.7



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

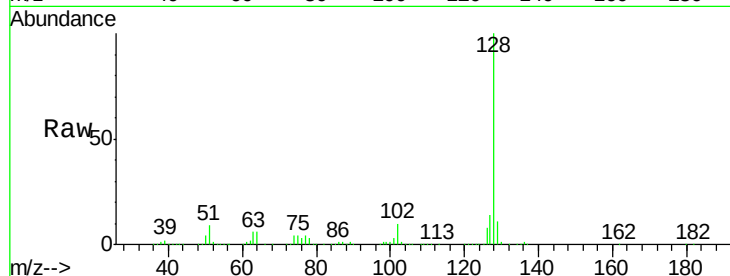




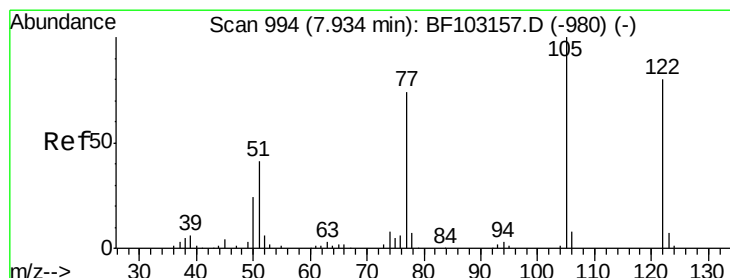
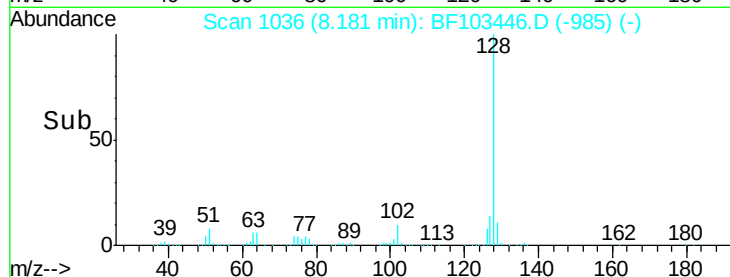
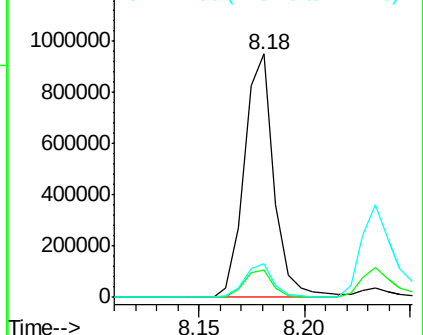
#31
Naphthalene
Concen: 37.622 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 927080
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.0 10.9 16.3

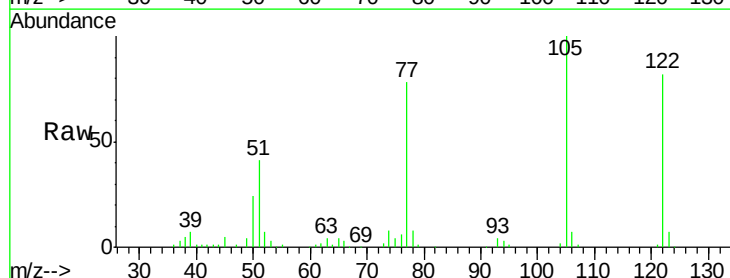


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

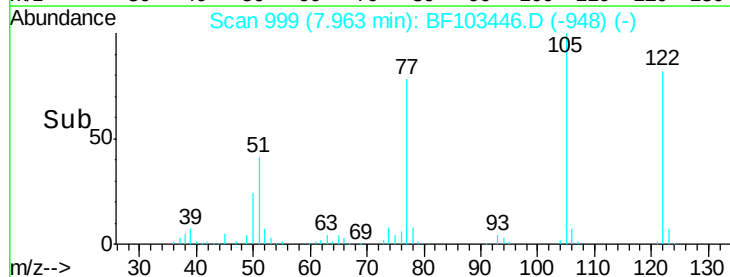
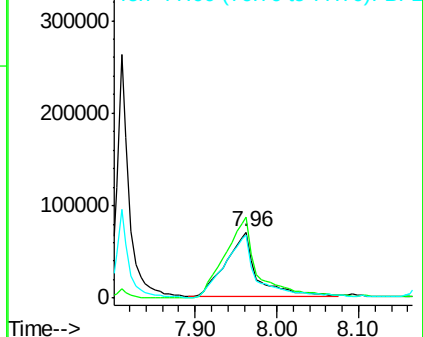


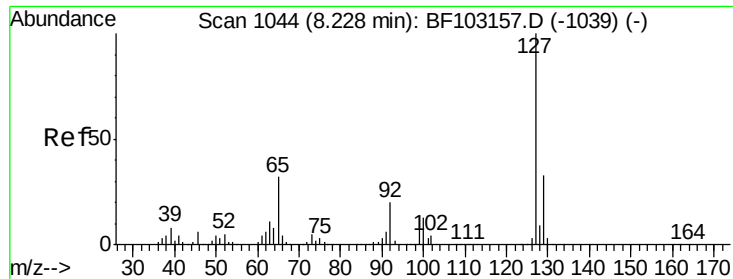
#32
Benzoic acid
Concen: 38.335 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:122 Resp: 190167
Ion Ratio Lower Upper
122 100
105 121.9 101.1 141.1
77 95.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

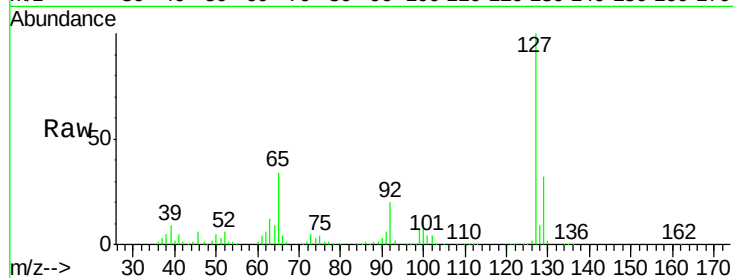




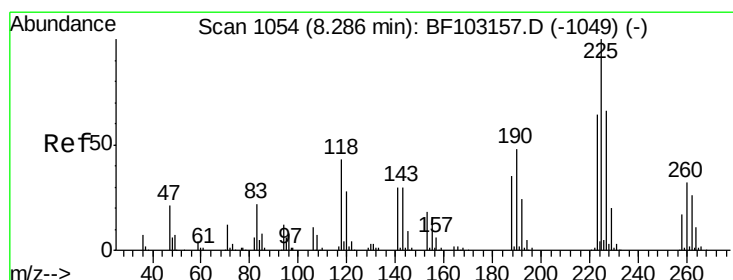
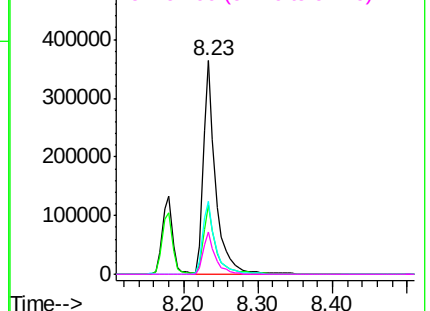
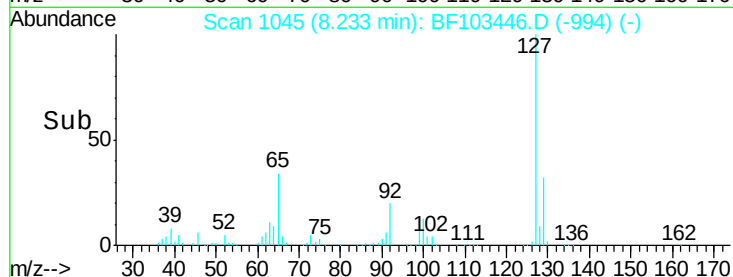
#33
4-Chloroaniline
Concen: 39.705 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 422208
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9
65 34.4 25.0 37.4
92 19.6 15.2 22.8

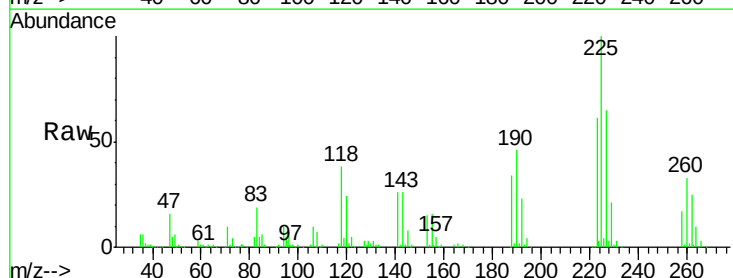


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

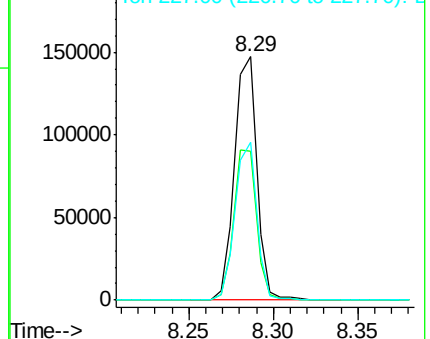
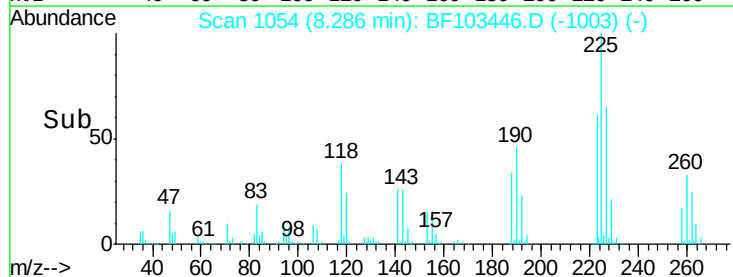


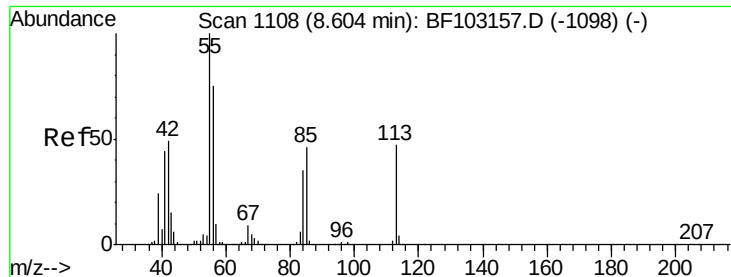
#34
Hexachlorobutadiene
Concen: 36.597 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:225 Resp: 135670
Ion Ratio Lower Upper
225 100
223 61.1 50.6 76.0
227 64.6 51.9 77.9



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





#35

Caprolactam

Concen: 37.898 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampled :

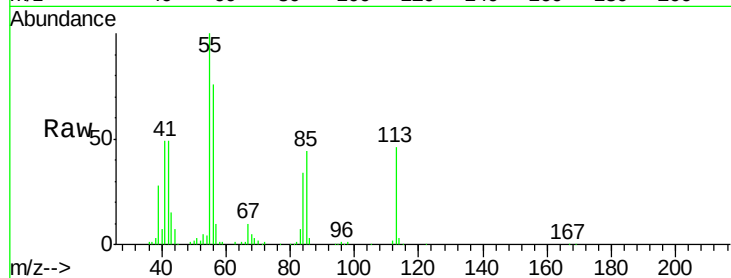
Tot Ion:113 Resp: 89044

Ion Ratio Lower Upper

113 100

55 218.5 163.3 203.3#

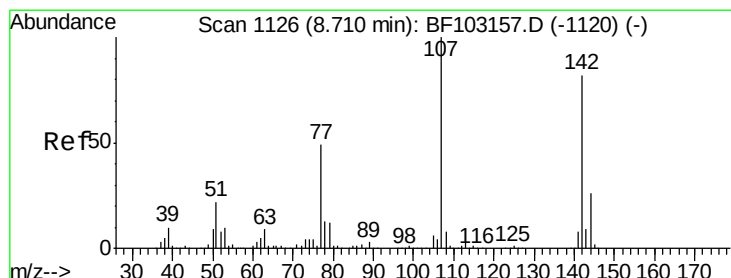
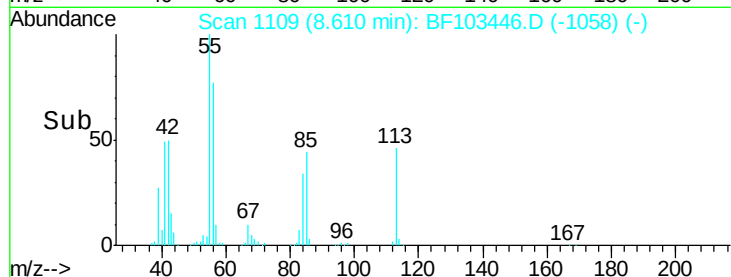
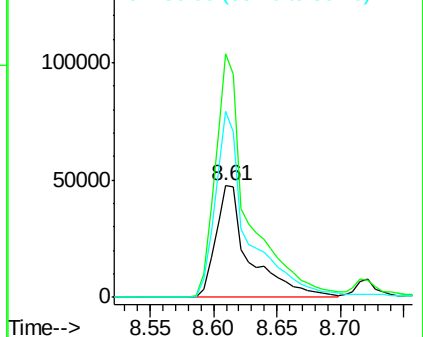
56 166.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.554 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

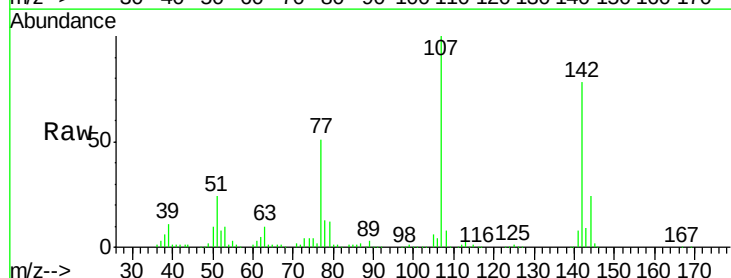
Tgt Ion:107 Resp: 298253

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

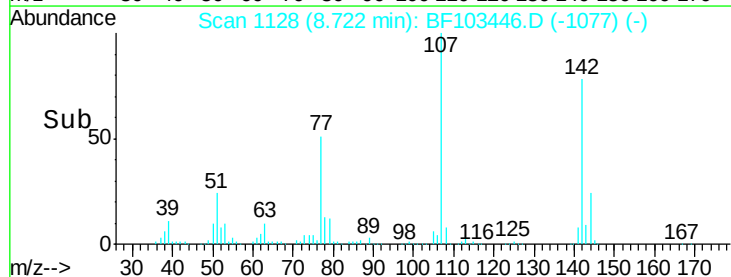
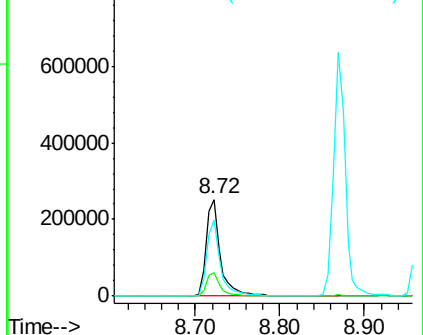
142 78.0 62.0 93.0

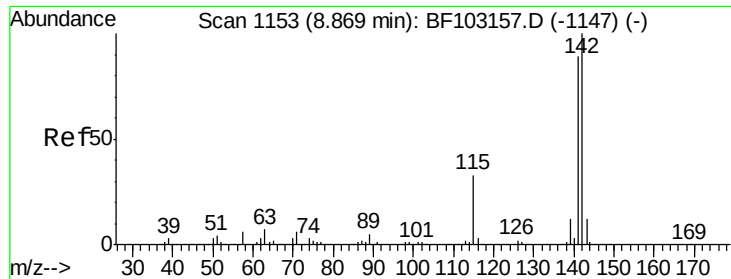


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

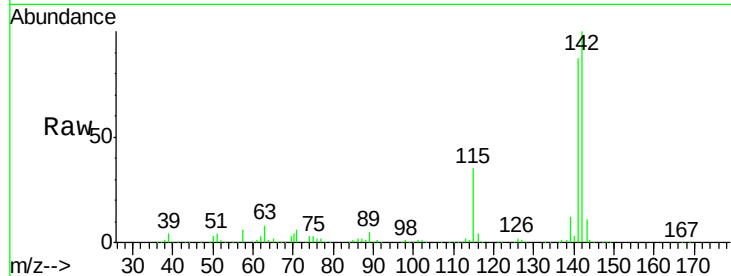




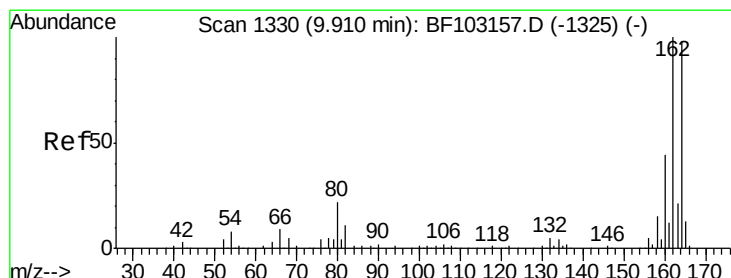
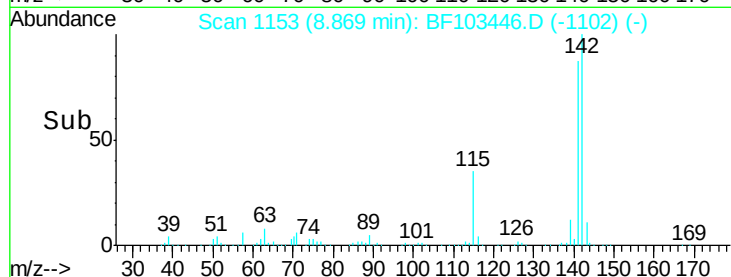
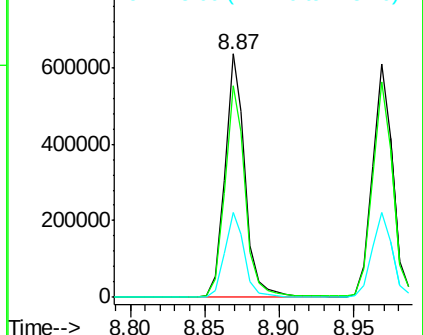
#37
2-Methylnaphthalene
Concen: 37.978 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 604822
Ion Ratio Lower Upper
142 100
141 86.8 70.8 106.2
115 34.7 26.1 39.1

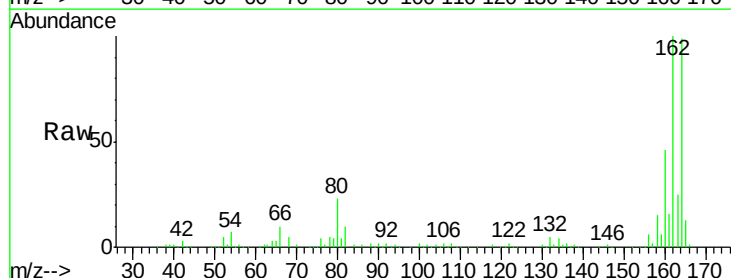


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

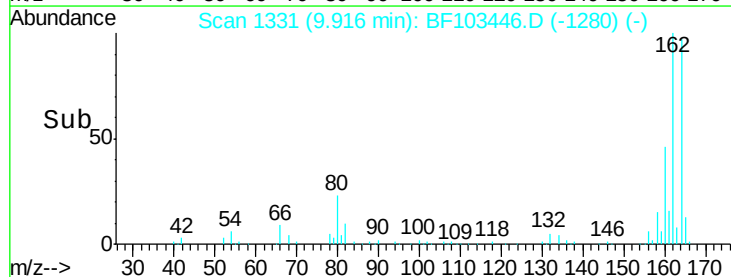
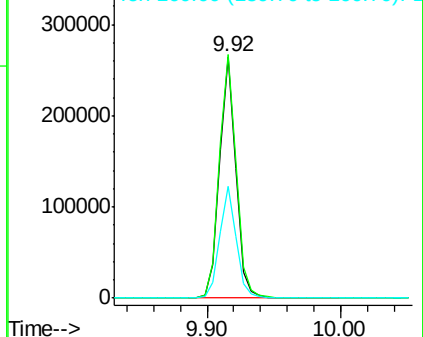


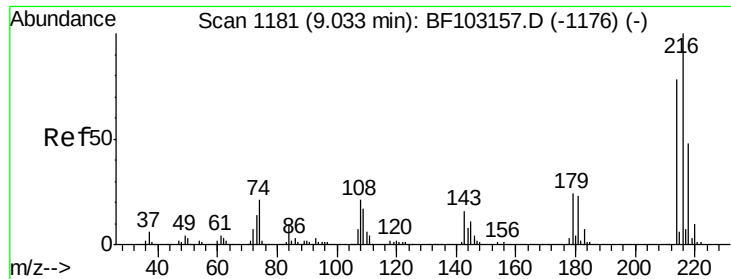
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:164 Resp: 230464
Ion Ratio Lower Upper
164 100
162 100.9 86.1 129.1
160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

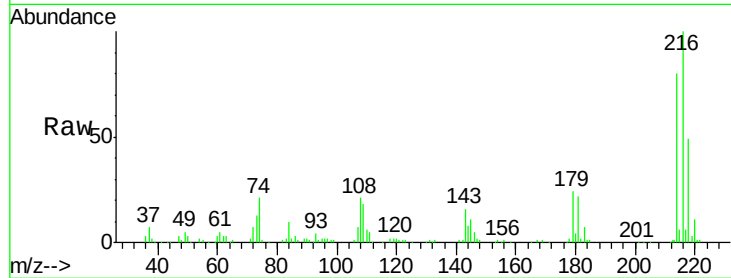




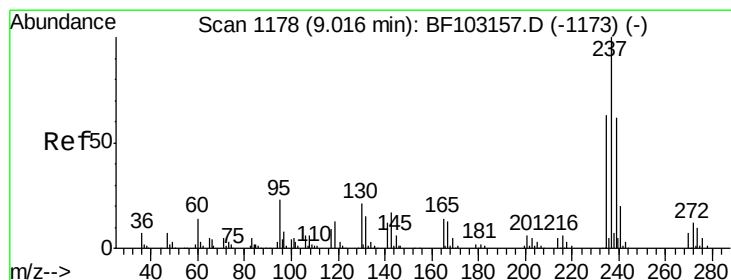
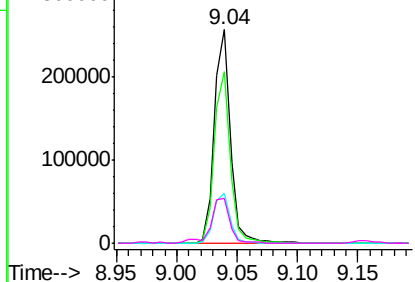
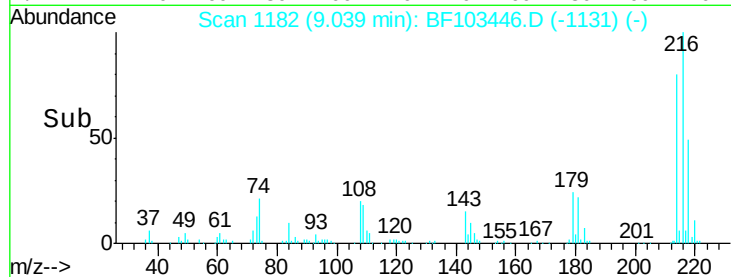
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.194 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	234338
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	24.0	18.1	27.1
108	23.8	17.2	25.8

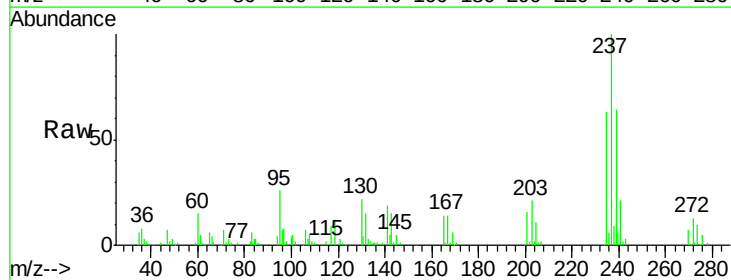


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

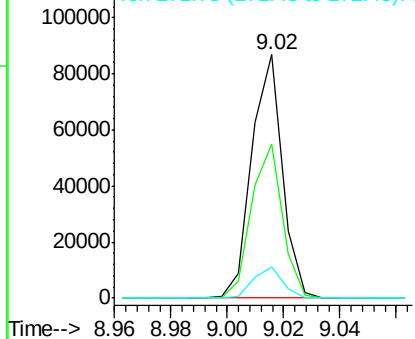
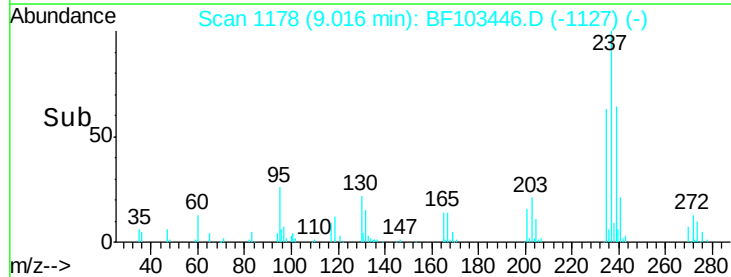


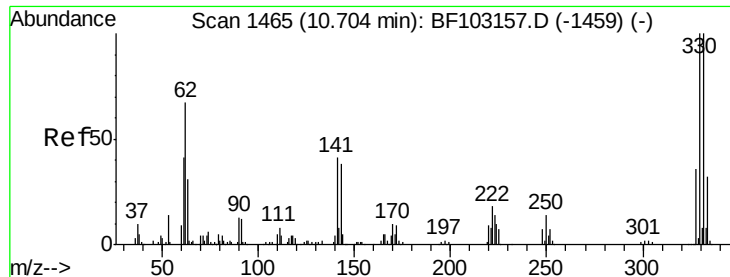
#40
 Hexachlorocyclopentadiene
 Concen: 34.931 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:	237	Resp:	65074
Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.8	84.8
272	12.7	0.0	33.3



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

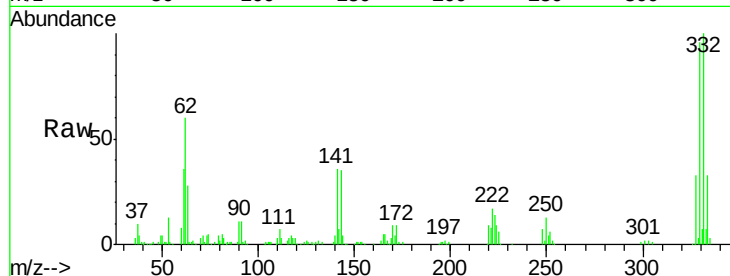




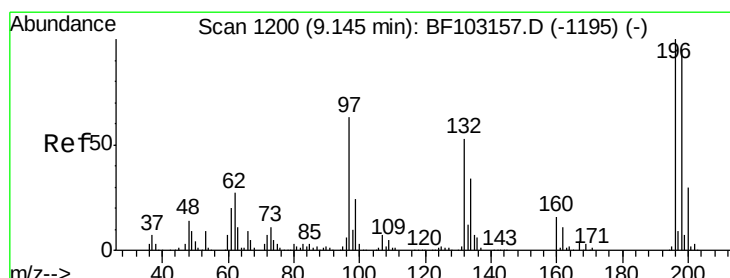
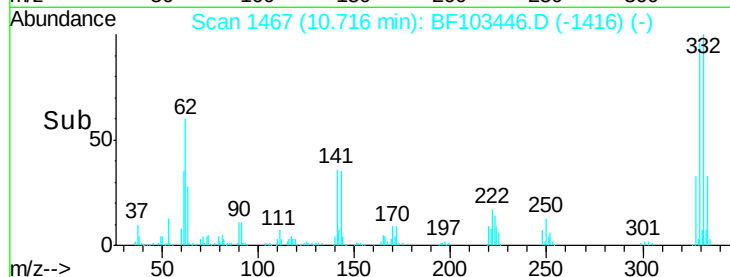
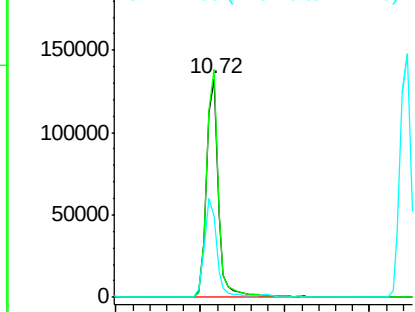
#41
 2,4,6-Tribromophenol
 Concen: 67.958 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 132570
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 45.9 29.9 44.9#

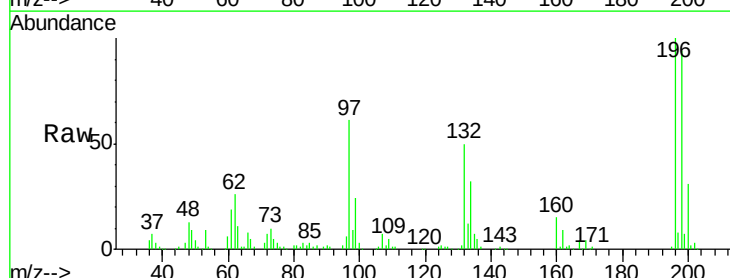


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

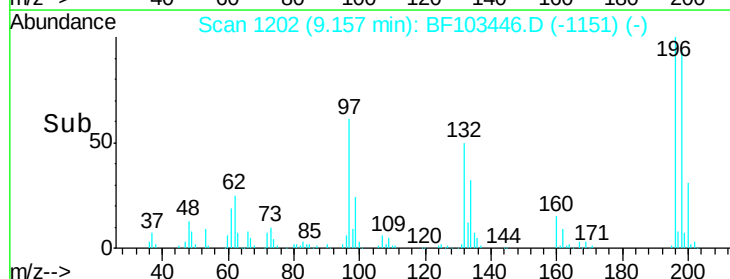
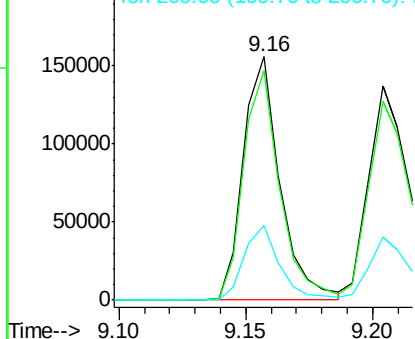


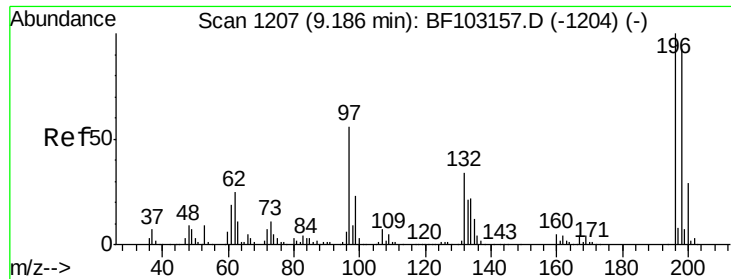
#42
 2,4,6-Trichlorophenol
 Concen: 37.196 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:196 Resp: 157687
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 30.7 24.5 36.7



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

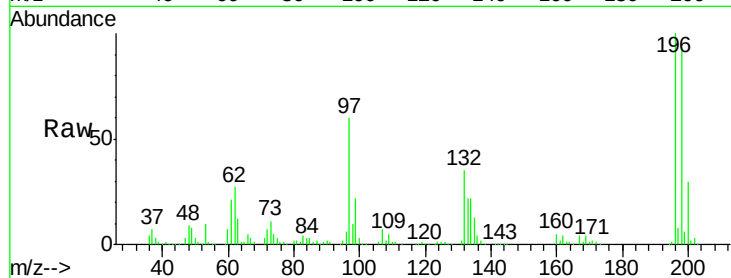




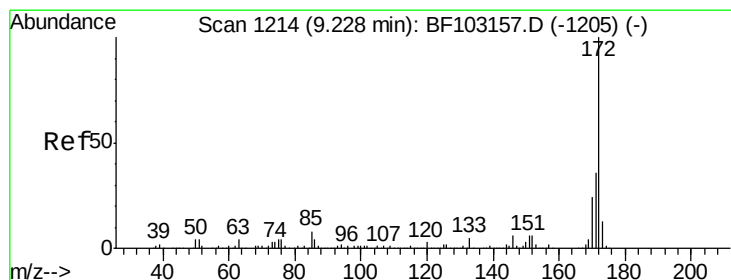
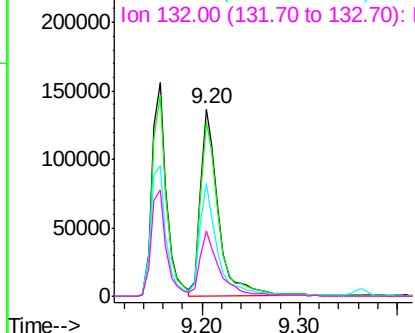
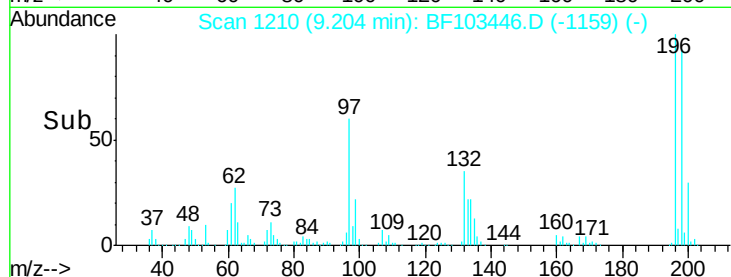
#43
 2,4,5-Trichlorophenol
 Concen: 35.776 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 174442
 Ion Ratio Lower Upper
 196 100
 198 92.9 74.6 112.0
 97 60.2 42.9 64.3
 132 34.7 26.3 39.5

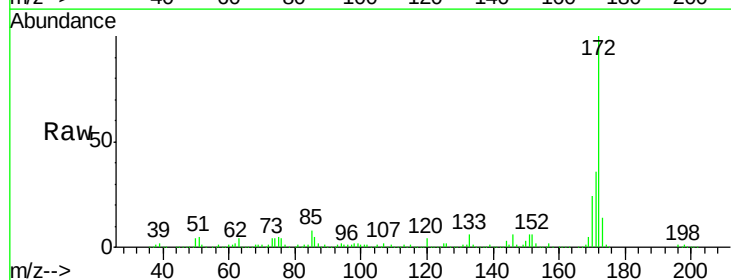


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

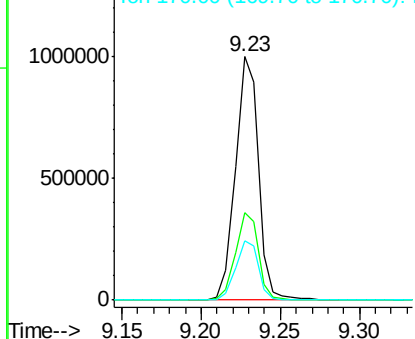
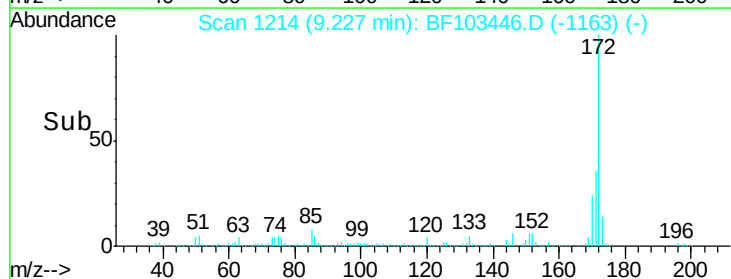


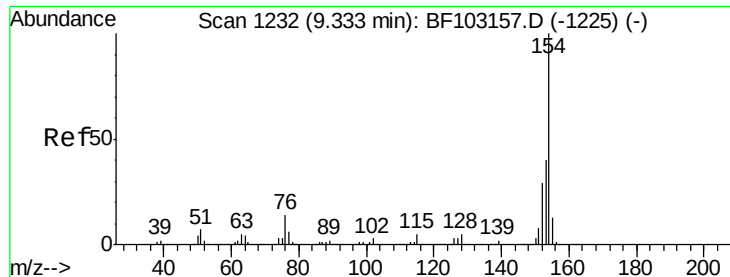
#44
 2-Fluorobiphenyl
 Concen: 72.681 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:172 Resp: 1006817
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 36.791 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

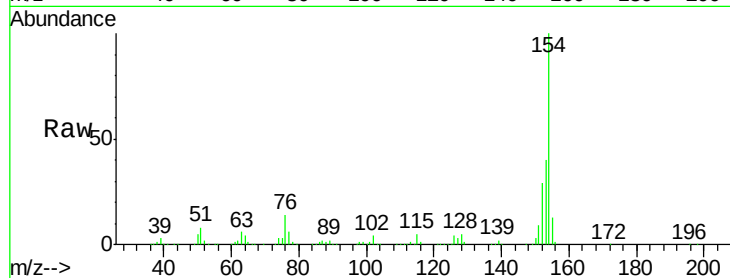
Tot Ion:154 Resp: 710502

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

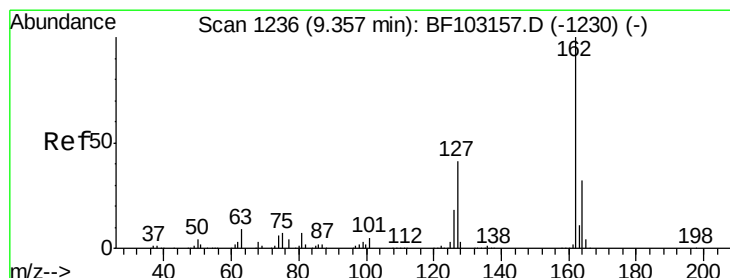
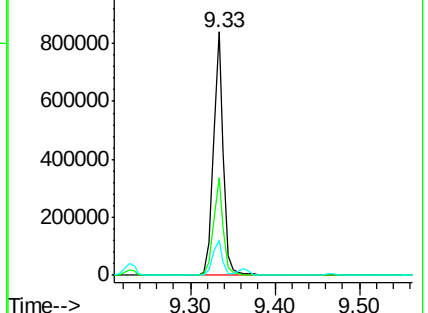
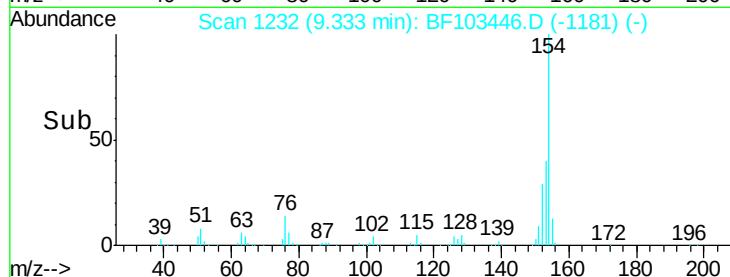
76 14.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.840 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

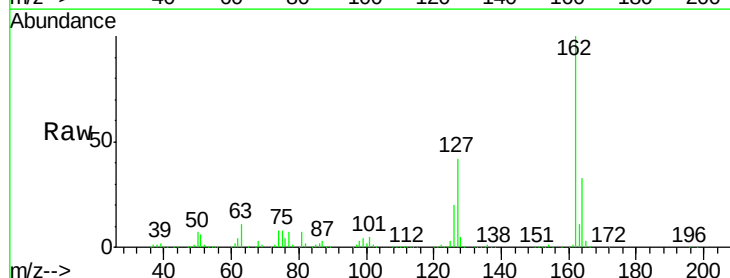
Tgt Ion:162 Resp: 562849

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

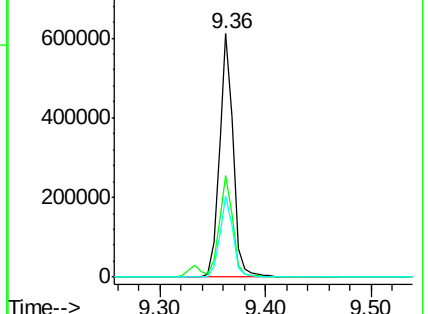
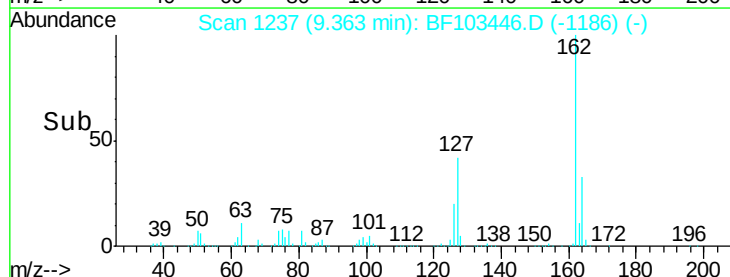
164 33.4 26.5 39.7

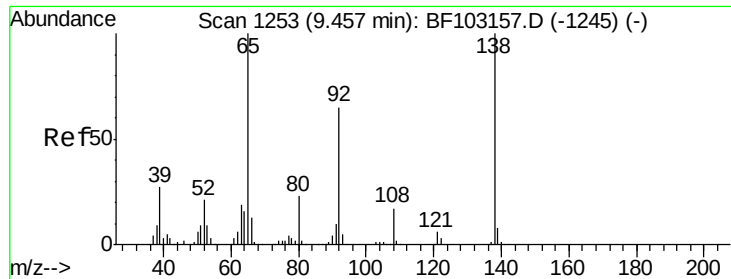


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

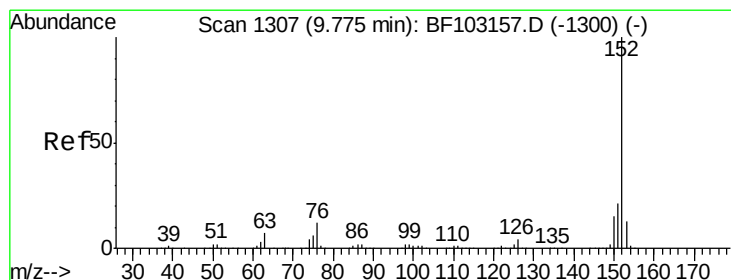
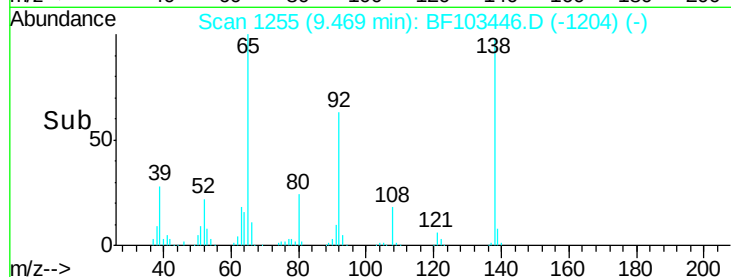
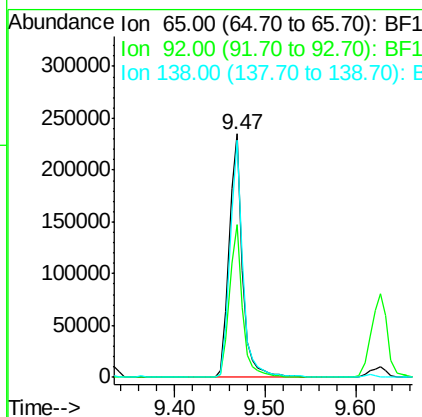
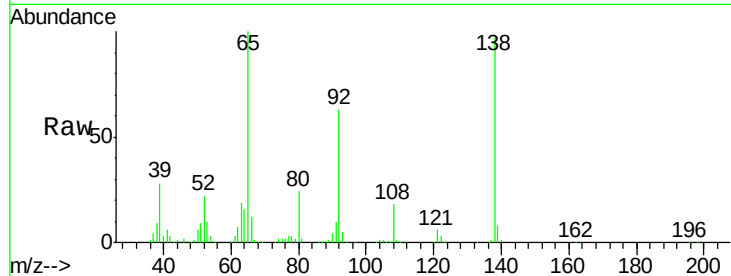




#47
2-Nitroaniline
Concen: 42.104 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

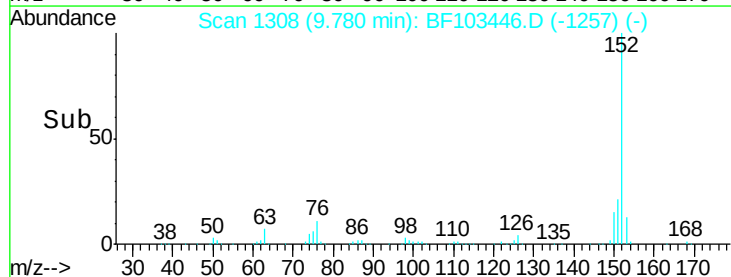
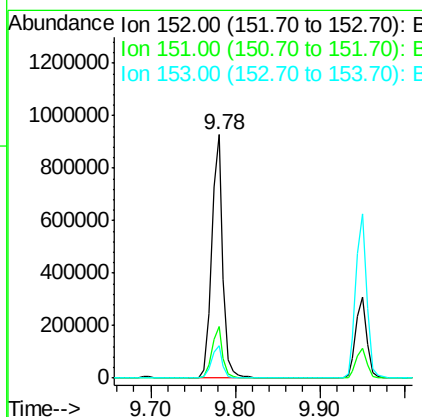
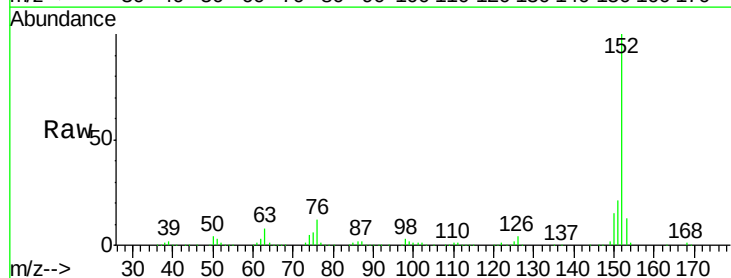
Instrument :
BNA_F
ClientSampleId :

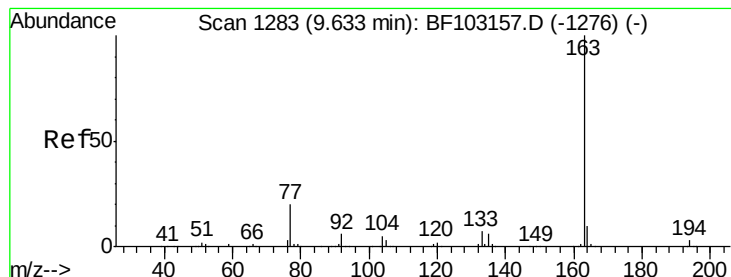
Tot Ion: 65 Resp: 238280
Ion Ratio Lower Upper
65 100
92 62.9 55.8 83.6
138 97.3 91.2 136.8



#48
Acenaphthylene
Concen: 36.803 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion: 152 Resp: 865133
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 35.880 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

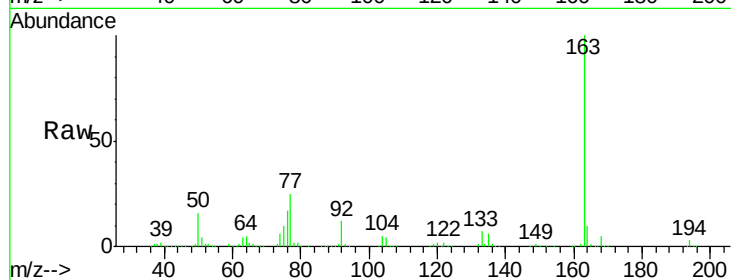
Tot Ion:163 Resp: 663355

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

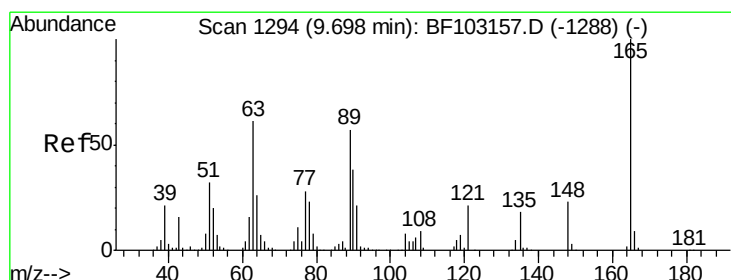
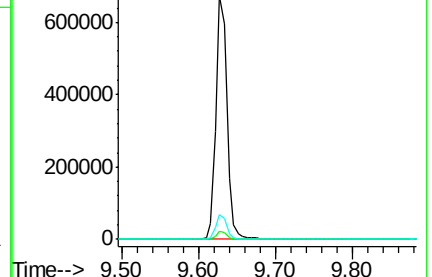
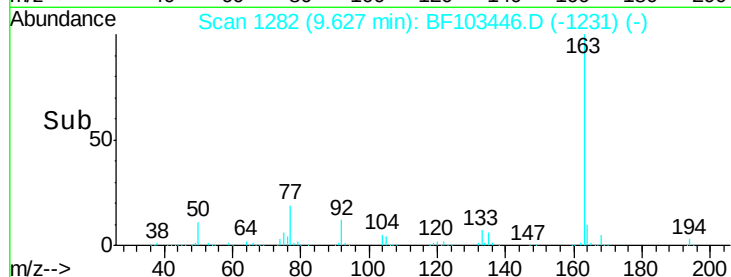
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.301 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

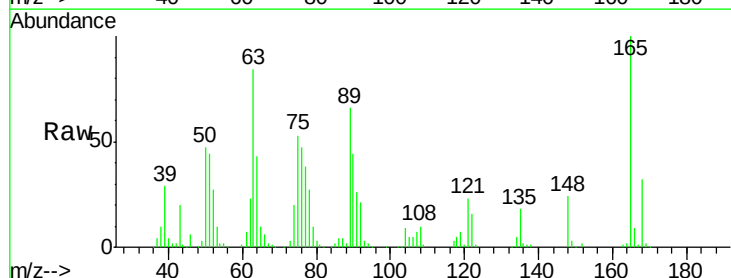
Tgt Ion:165 Resp: 144720

Ion Ratio Lower Upper

165 100

63 84.2 44.7 67.1#

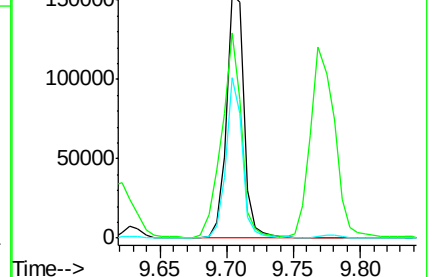
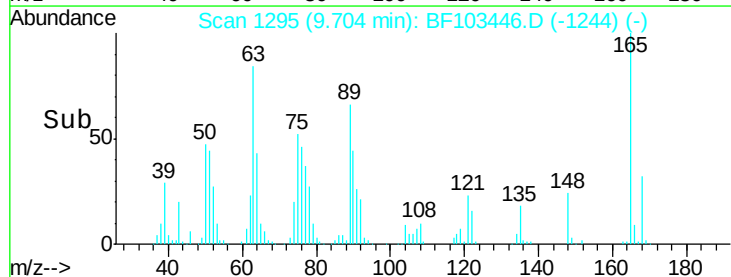
89 65.7 44.0 66.0

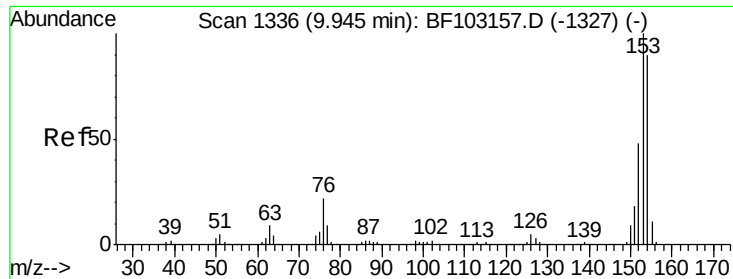


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.576 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

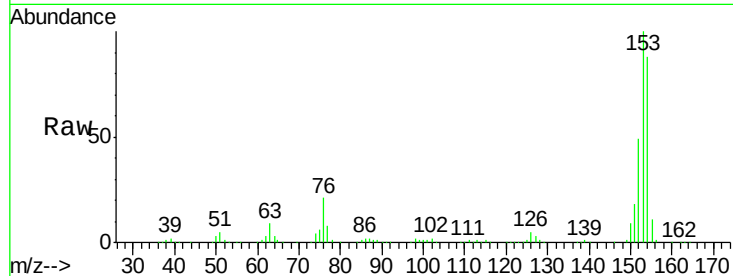
Tot Ion:154 Resp: 501351

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

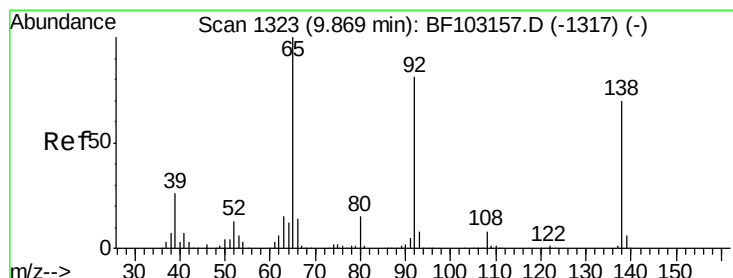
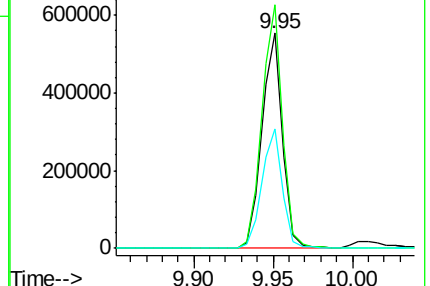
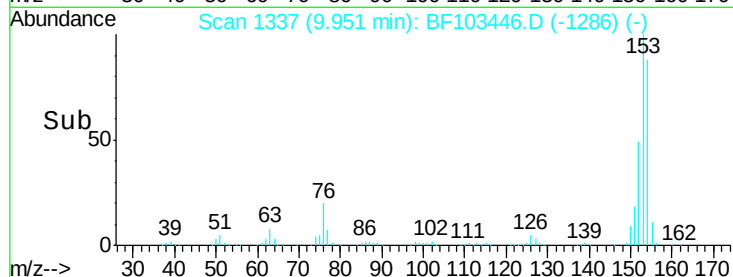
152 55.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.469 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

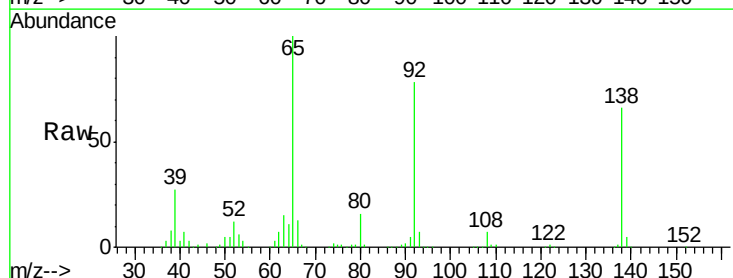
Tgt Ion:138 Resp: 189362

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

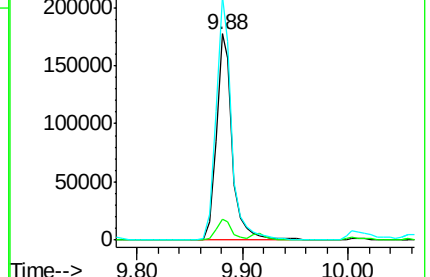
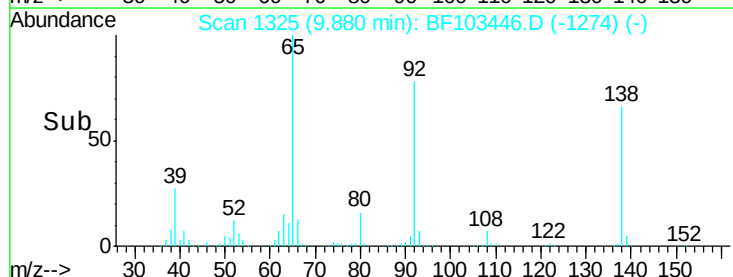
92 118.1 89.4 134.2

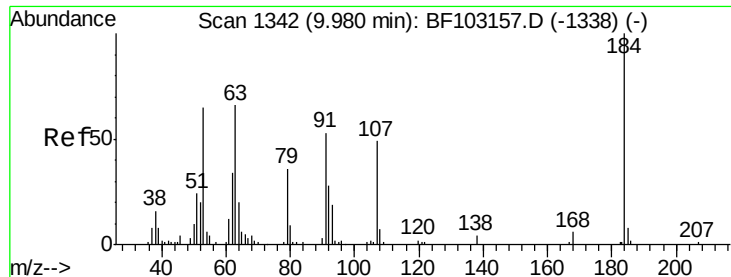


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

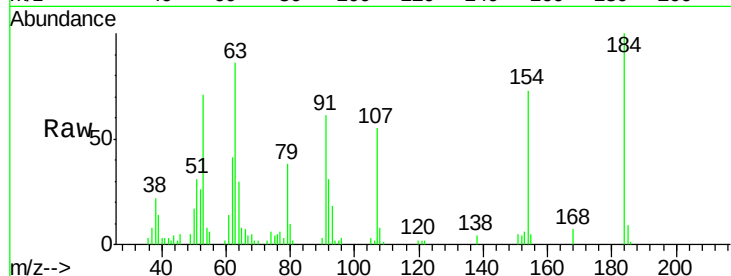




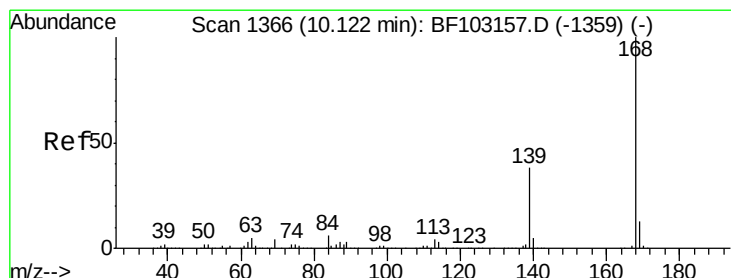
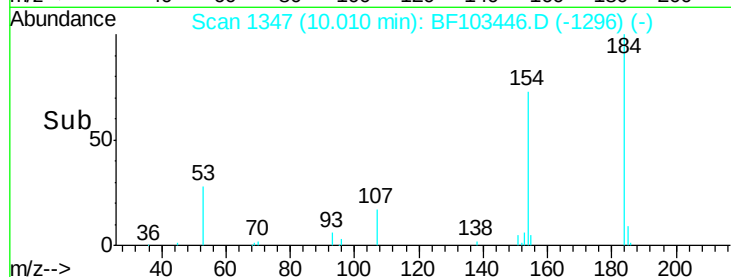
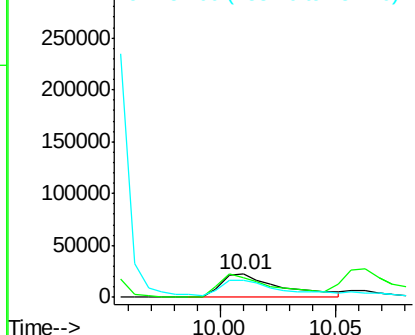
#53
2,4-Dinitrophenol
Concen: 35.488 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 41206
Ion Ratio Lower Upper
184 100
63 85.5 54.2 81.2#
154 73.0 184.0 276.0#

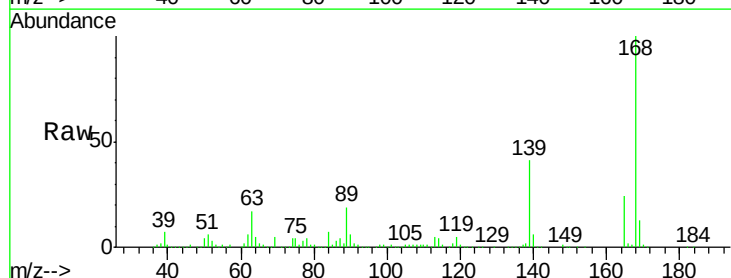


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

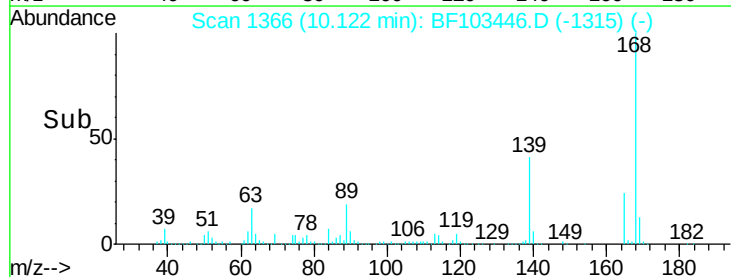
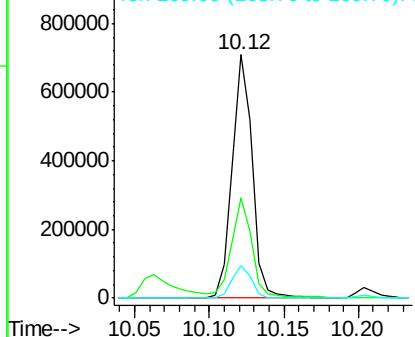


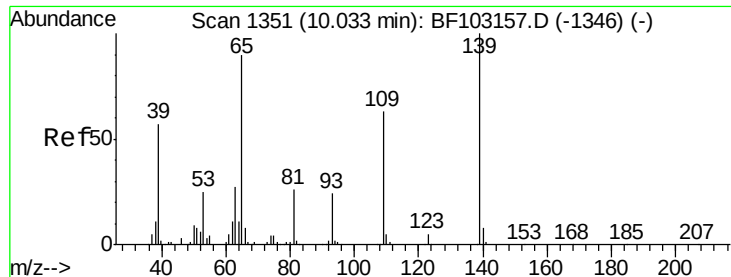
#54
Dibenzofuran
Concen: 36.045 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:168 Resp: 678233
Ion Ratio Lower Upper
168 100
139 41.2 30.1 45.1
169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

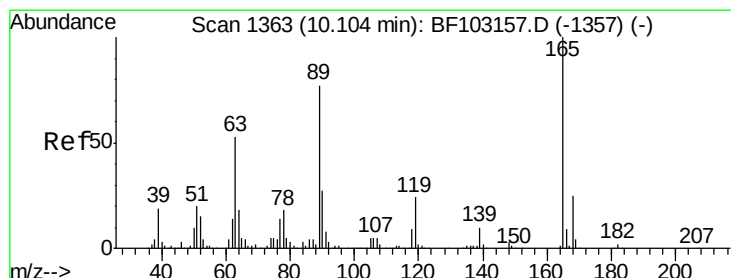
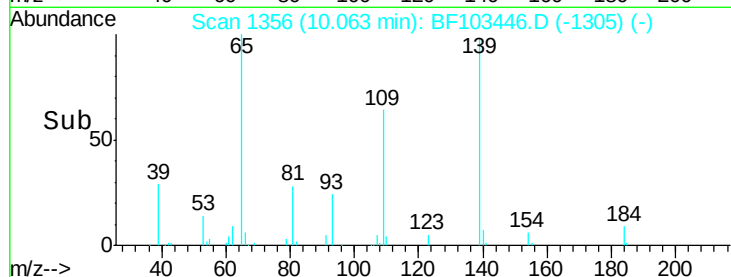
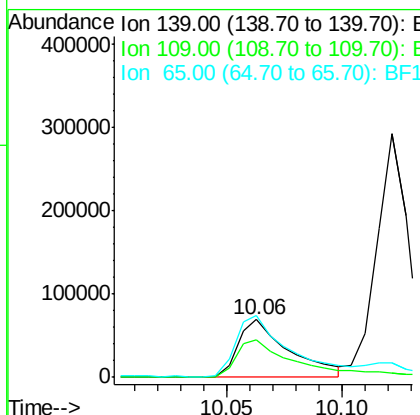
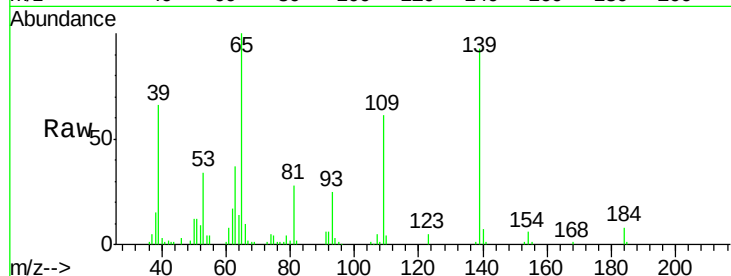




#55
4-Nitrophenol
Concen: 34.800 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

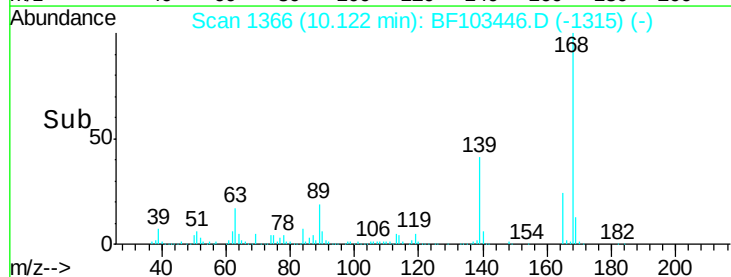
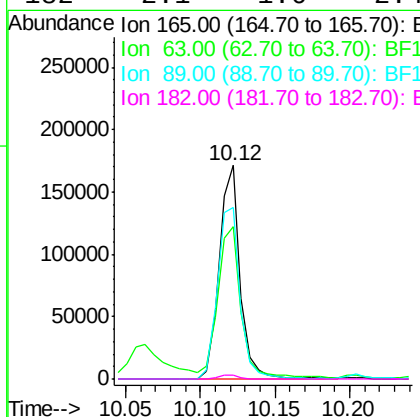
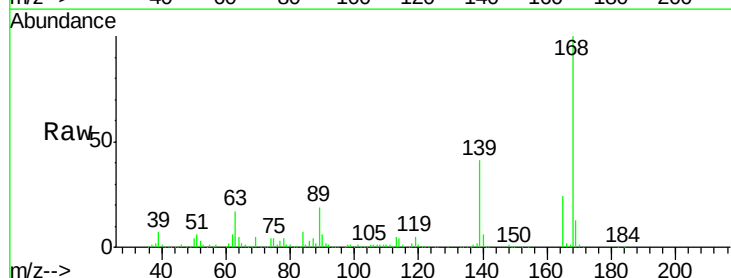
Instrument :
BNA_F
ClientSampleId :

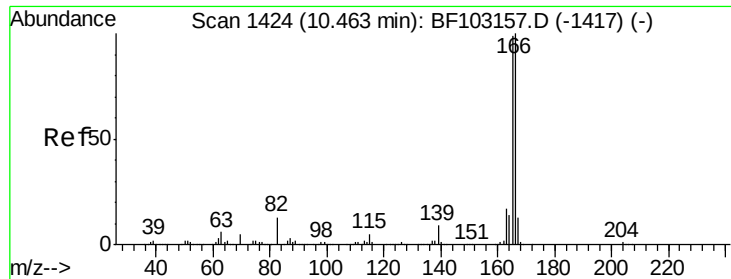
Tot Ion:139 Resp: 106166
Ion Ratio Lower Upper
139 100
109 65.5 48.4 88.4
65 107.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.429 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:165 Resp: 168940
Ion Ratio Lower Upper
165 100
63 71.2 36.4 54.6#
89 80.5 57.8 86.6
182 2.1 1.6 2.4

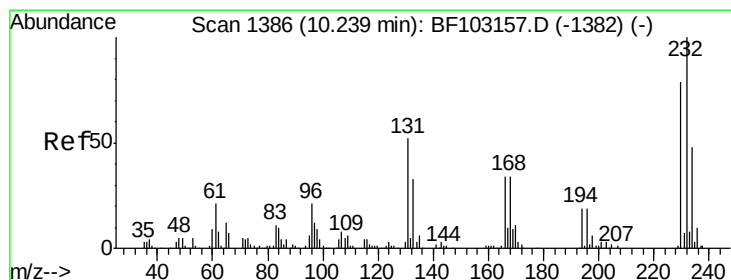
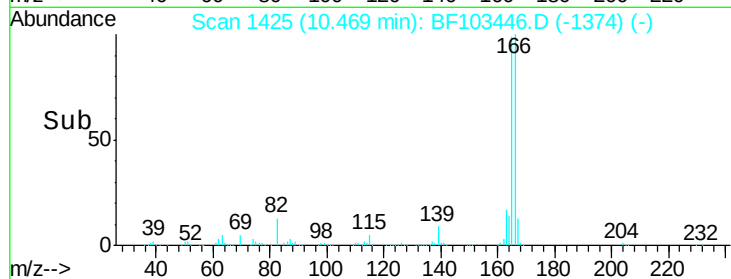
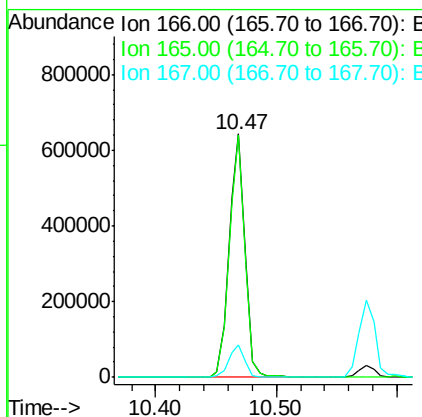
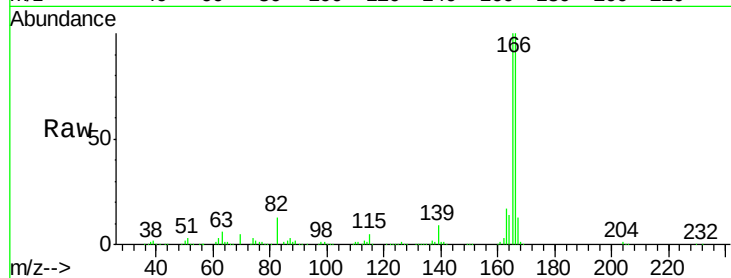




#57
 Fluorene
 Concen: 36.118 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

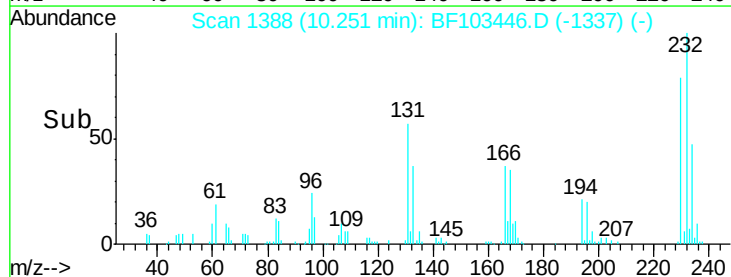
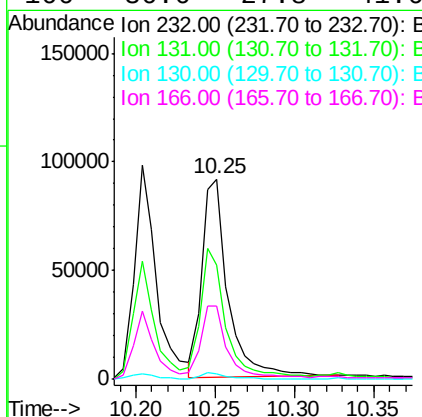
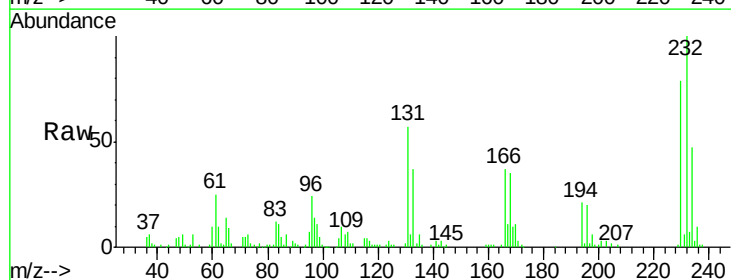
Instrument :
 BNA_F
 ClientSampleId :

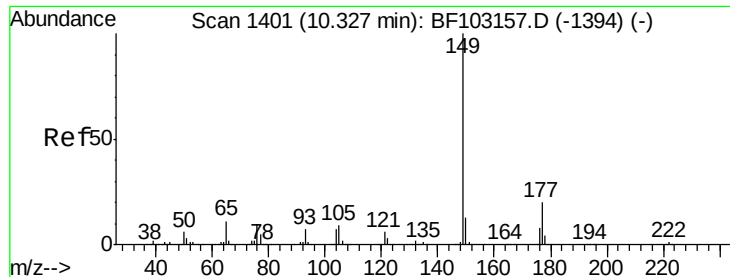
Tot Ion:166 Resp: 578935
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.392 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:232 Resp: 106100
 Ion Ratio Lower Upper
 232 100
 131 65.3 43.8 65.8
 130 3.0 2.1 3.1
 166 36.6 27.8 41.6

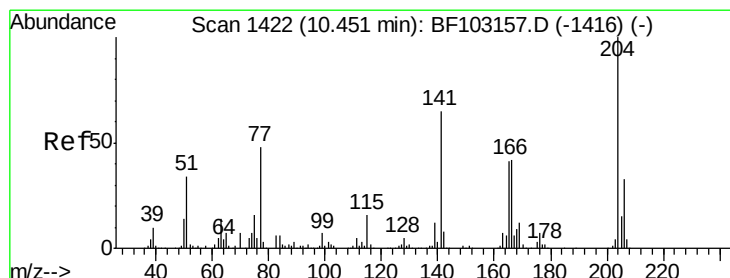
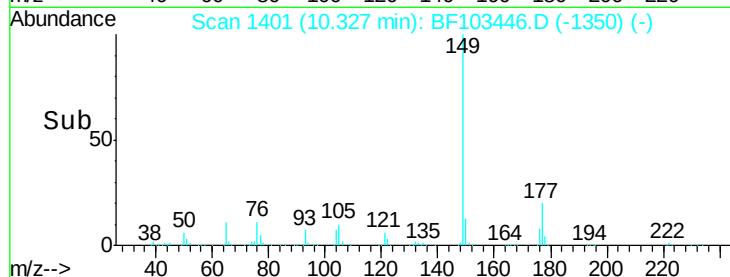
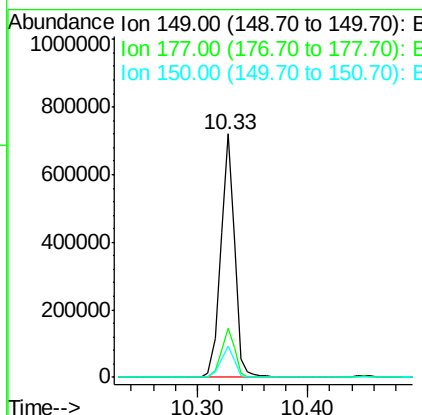
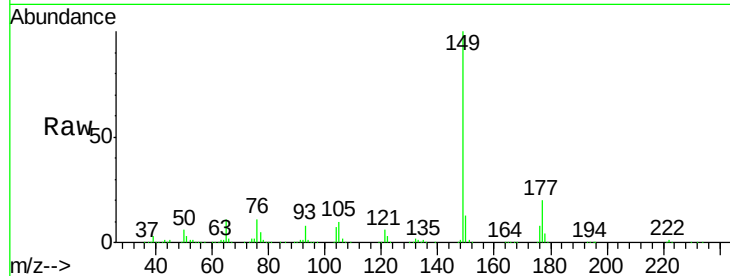




#59
Diethylphthalate
Concen: 35.544 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

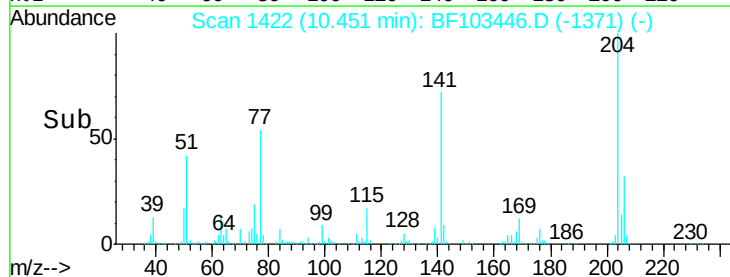
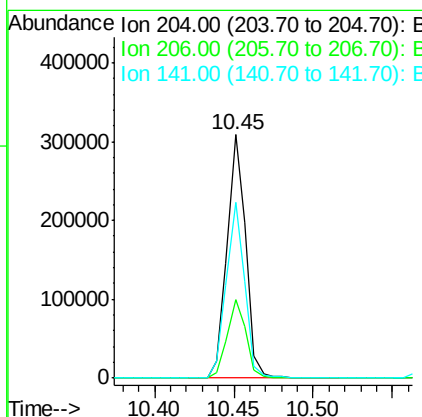
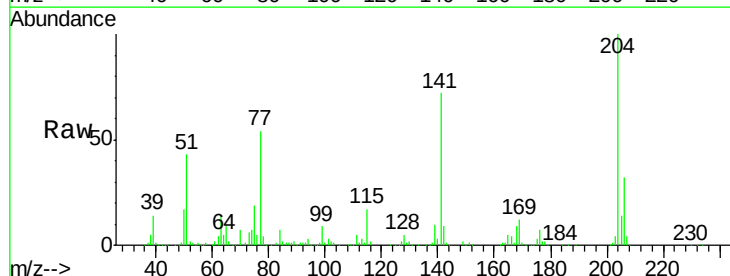
Instrument :
BNA_F
ClientSampled :

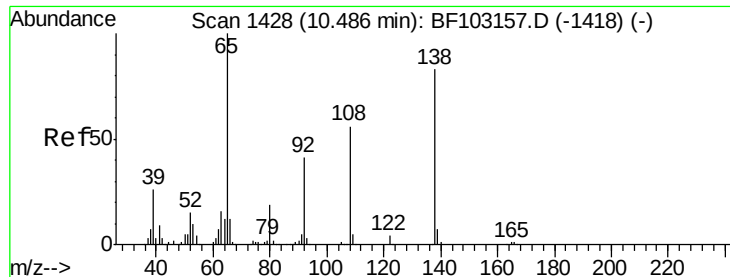
Tot Ion:149 Resp: 628500
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.059 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:204 Resp: 251906
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 72.0 54.6 81.8





#61

4-Nitroaniline

Concen: 35.196 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

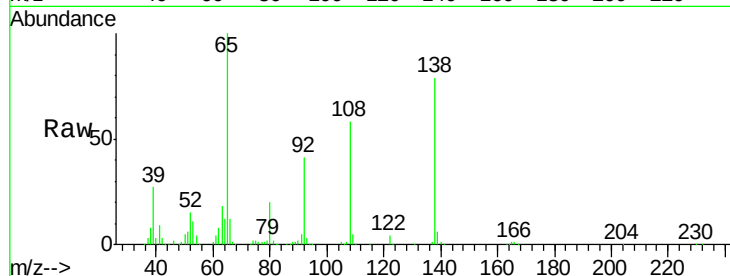
Tot Ion:138 Resp: 173045

Ion Ratio Lower Upper

138 100

92 51.8 30.2 70.2

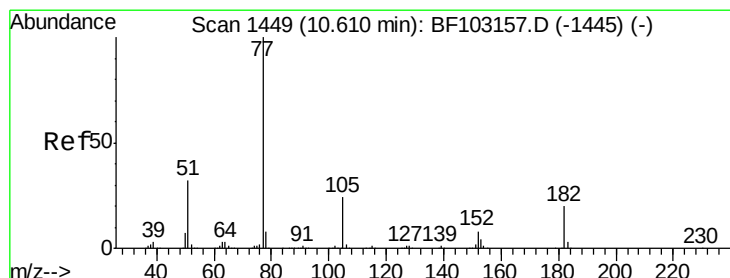
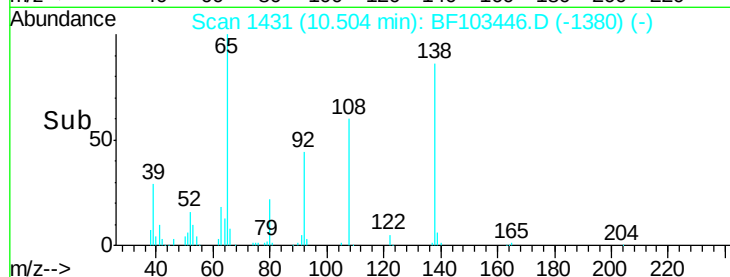
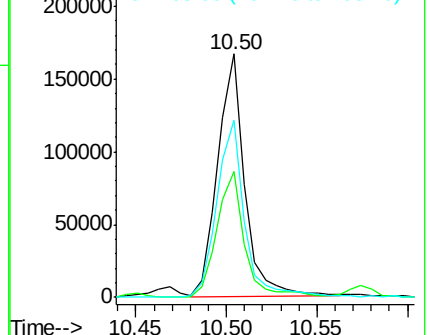
108 72.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.175 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Tgt Ion: 77 Resp: 705094

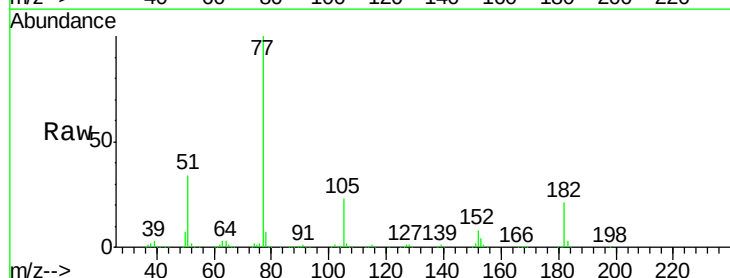
Ion Ratio Lower Upper

77 100

182 20.6 1.7 41.7

105 23.1 3.0 43.0

51 33.8 9.9 49.9

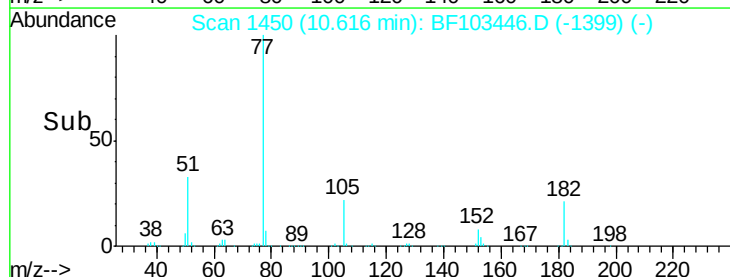
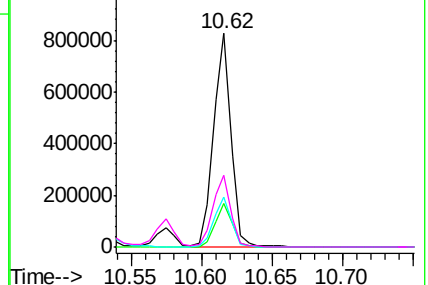


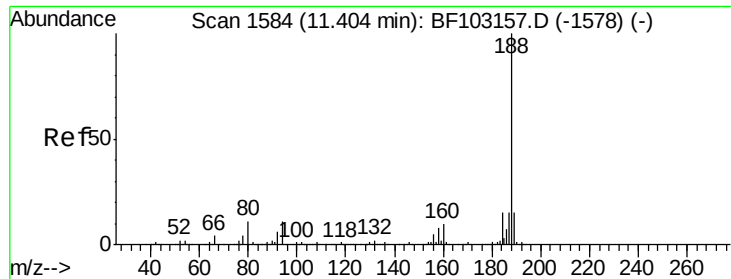
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

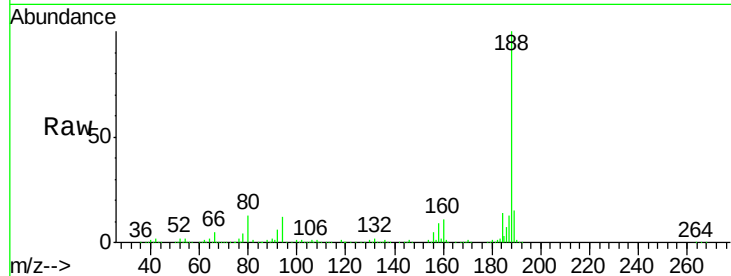
Tot Ion:188 Resp: 392017

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

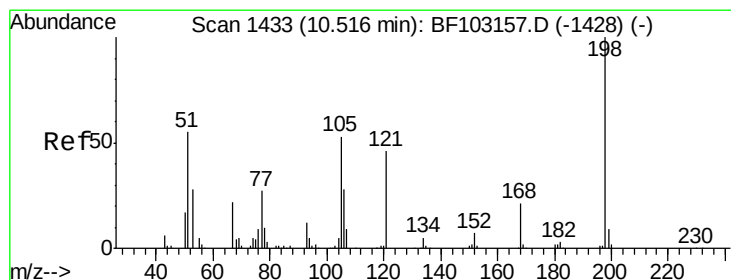
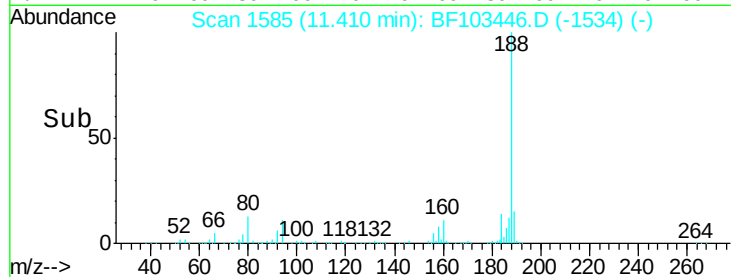
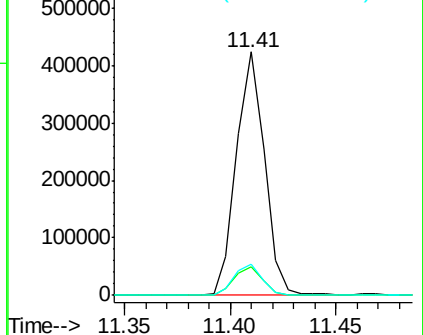
80 12.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 33.407 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

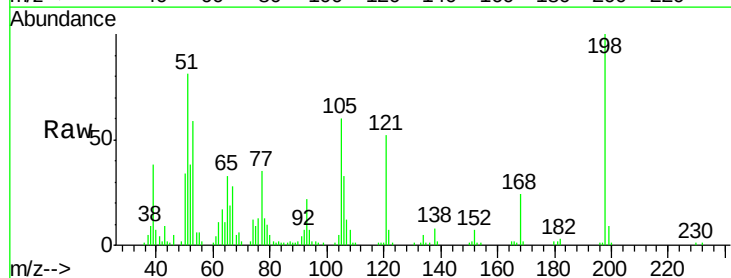
Tgt Ion:198 Resp: 75687

Ion Ratio Lower Upper

198 100

51 80.9 37.7 77.7#

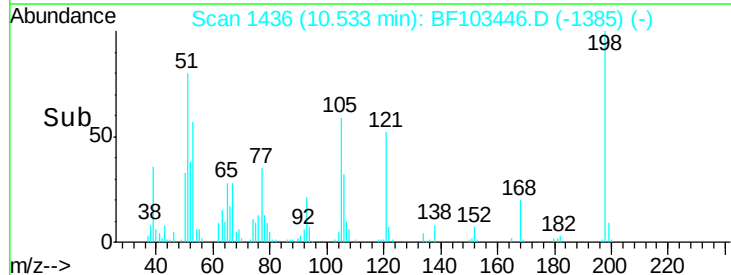
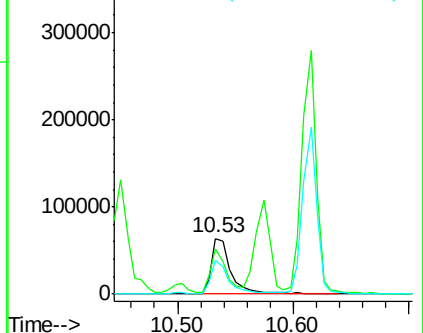
105 59.9 36.3 76.3

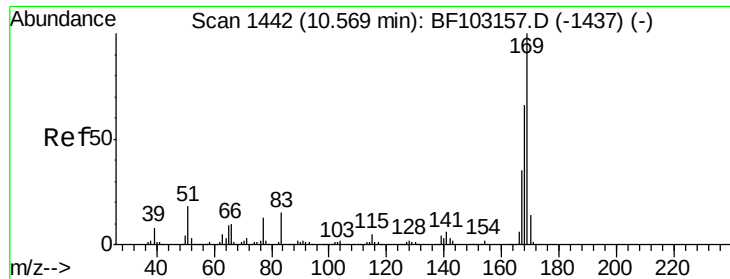


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.822 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

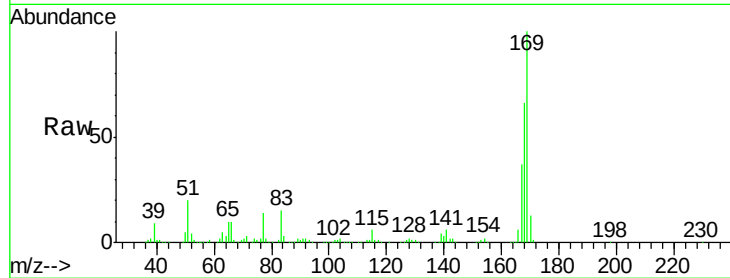
Tot Ion:169 Resp: 502605

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

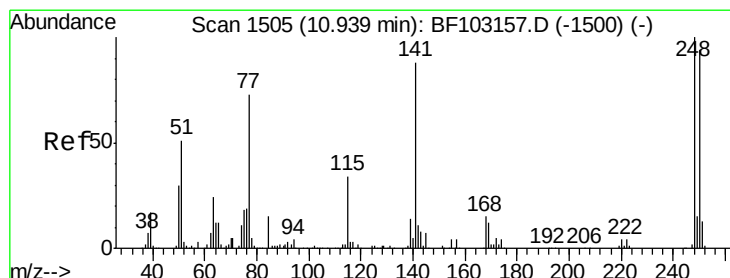
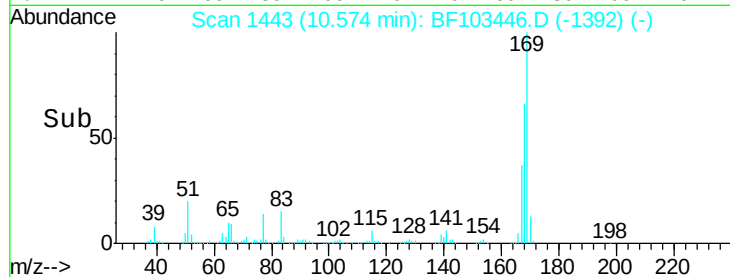
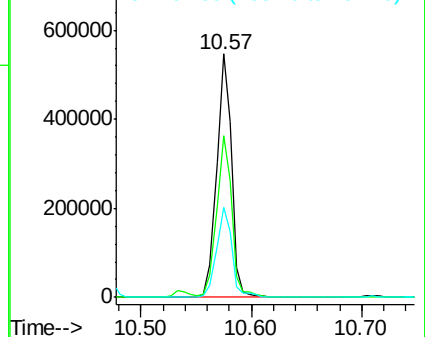
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.530 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

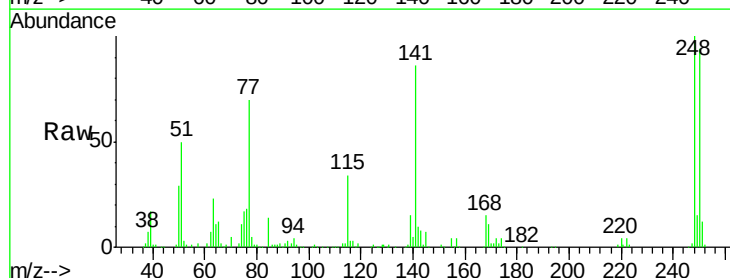
Tgt Ion:248 Resp: 145093

Ion Ratio Lower Upper

248 100

250 94.2 76.9 115.3

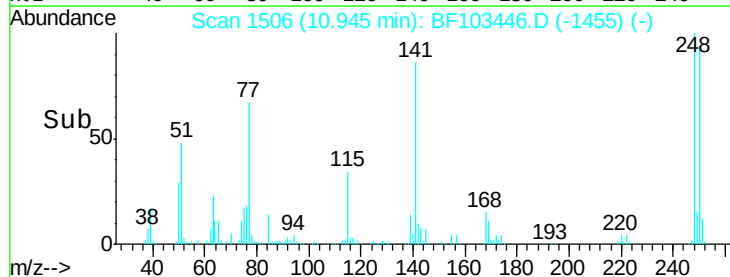
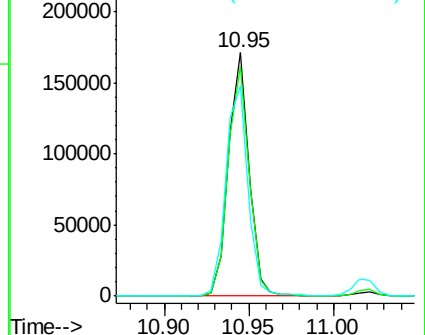
141 86.4 74.4 111.6

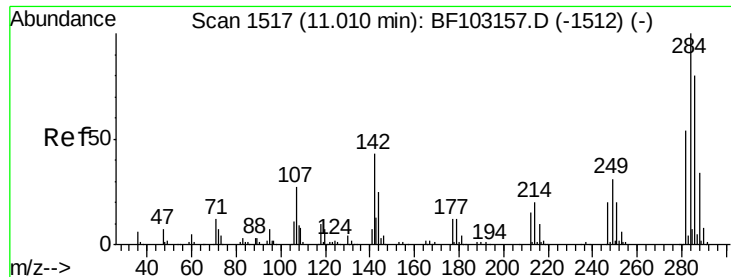


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

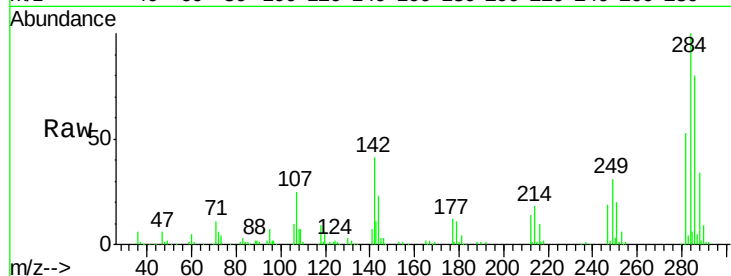




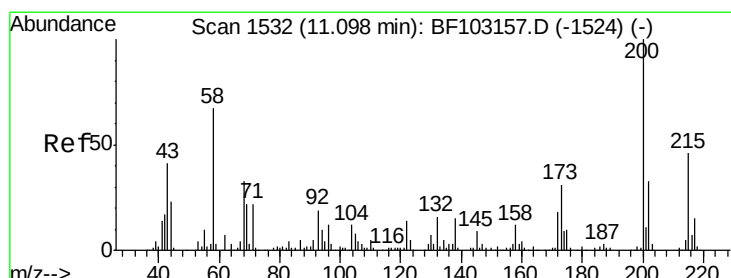
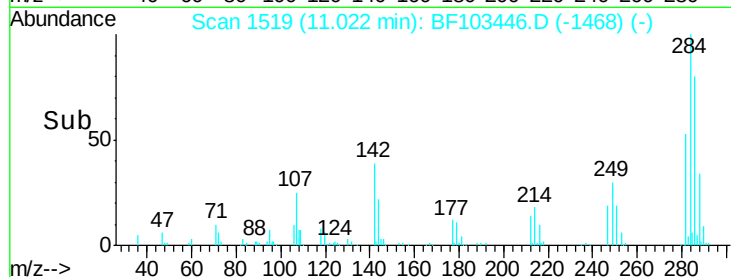
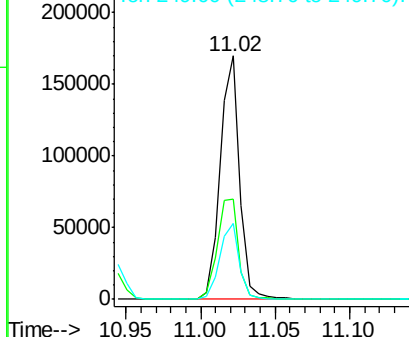
#67
Hexachlorobenzene
Concen: 35.172 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 155897
Ion Ratio Lower Upper
284 100
142 41.1 34.6 52.0
249 31.0 24.8 37.2

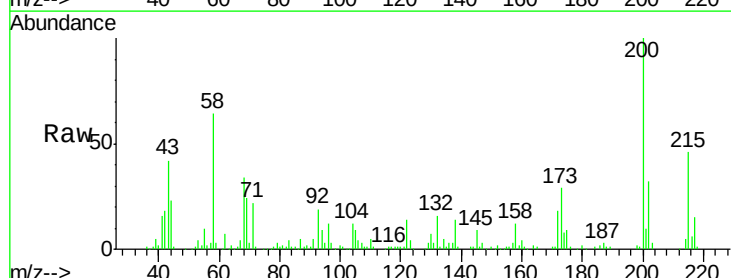


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

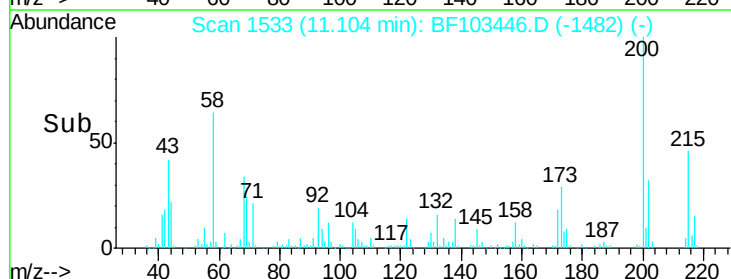
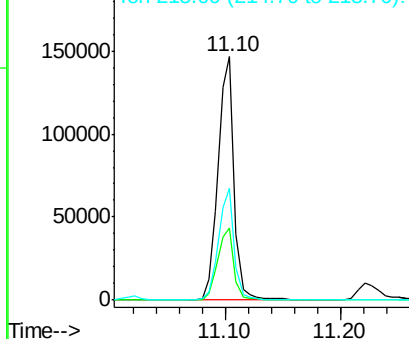


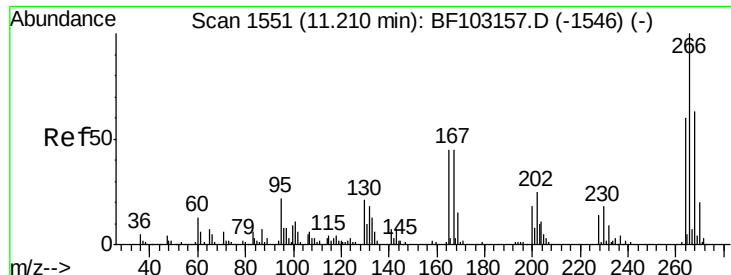
#68
Atrazine
Concen: 34.374 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:200 Resp: 141022
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 45.7 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

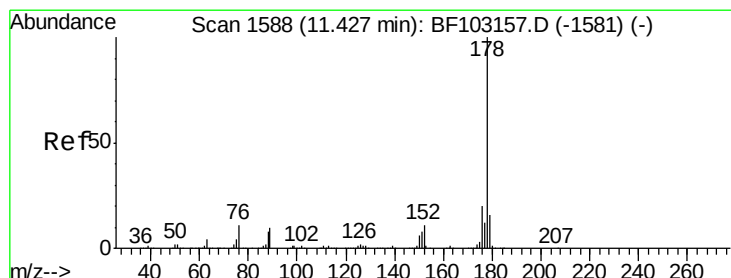
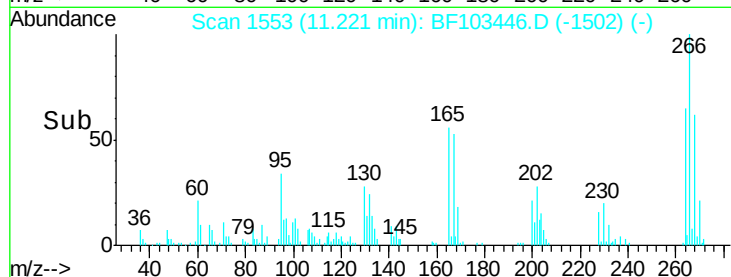
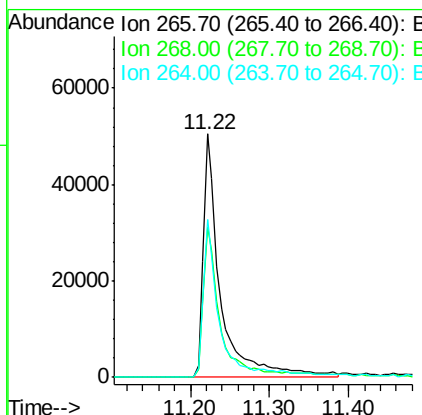
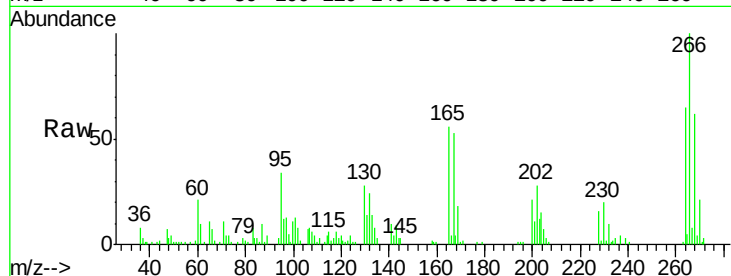




#69
 Pentachlorophenol
 Concen: 36.226 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

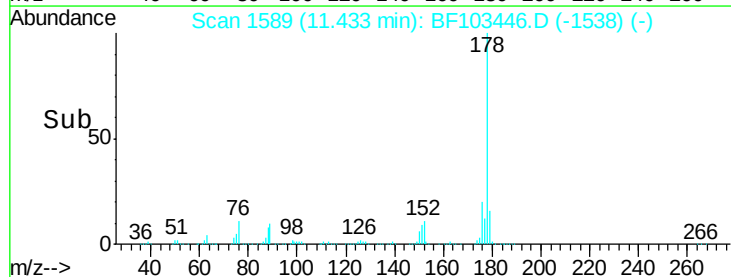
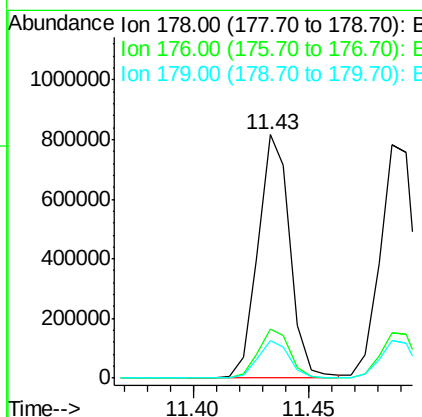
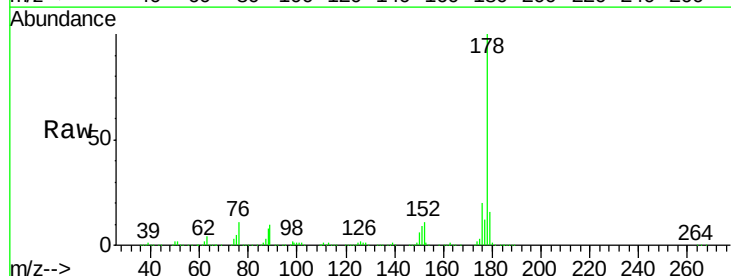
Instrument :
 BNA_F
 ClientSampleId :

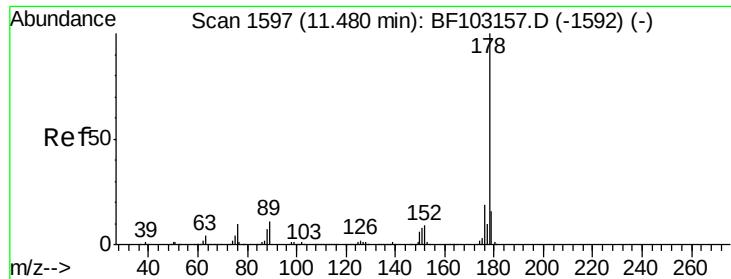
Tot Ion:266 Resp: 77637
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 64.8 49.5 74.3



#70
 Phenanthrene
 Concen: 36.489 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:178 Resp: 787219
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.6 13.0 19.6

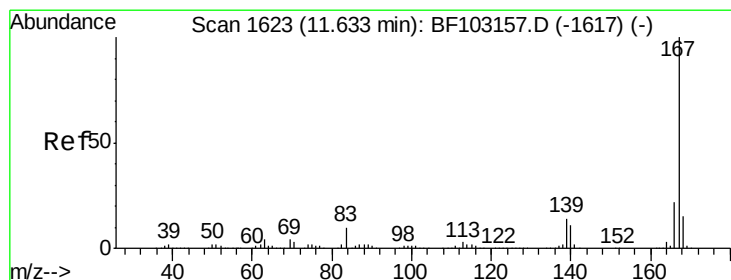
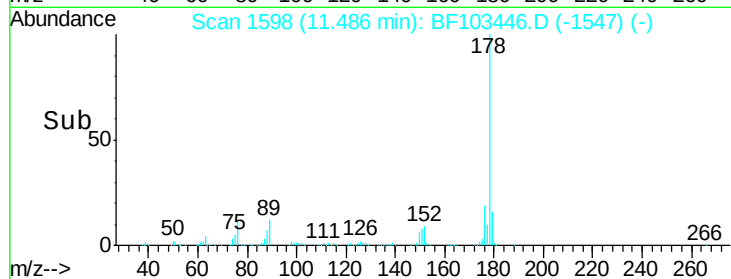
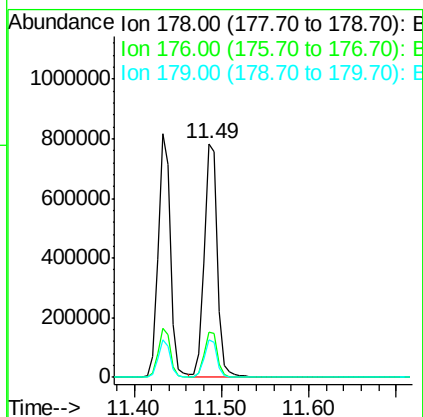
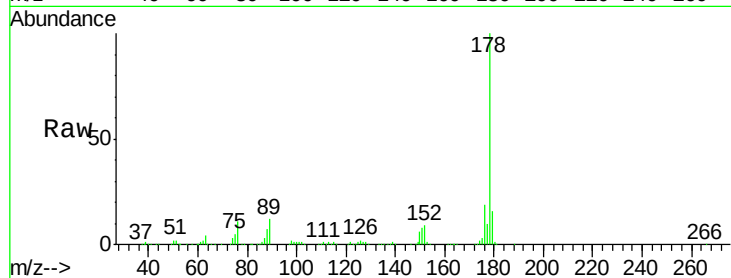




#71
 Anthracene
 Concen: 37.221 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

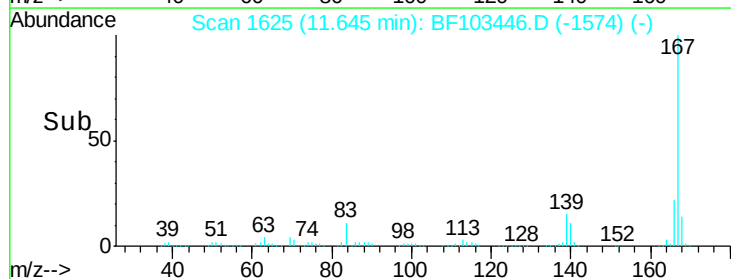
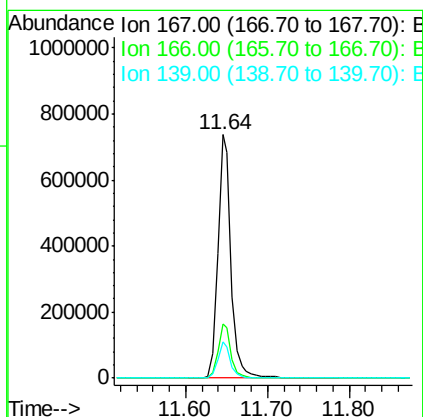
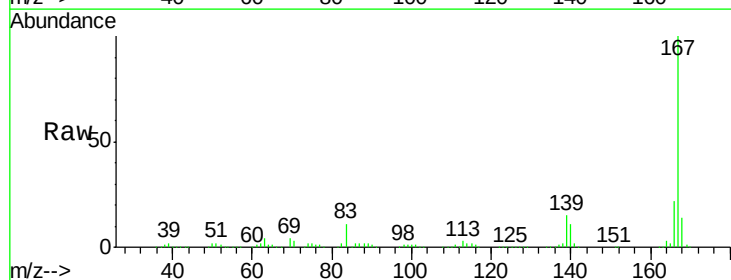
Instrument :
 BNA_F
 ClientSampleId :

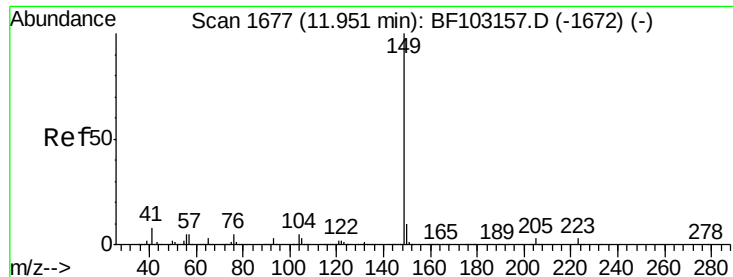
Tot Ion:178 Resp: 823417
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 37.191 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:167 Resp: 819346
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.723 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

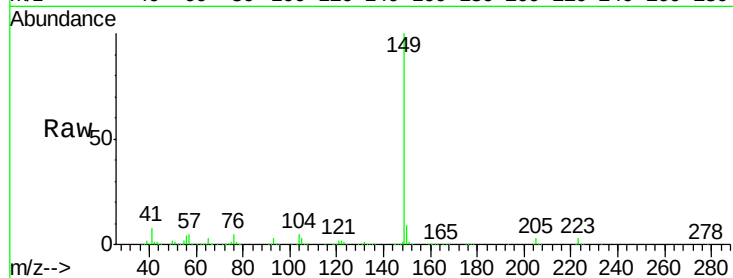
Tot Ion:149 Resp: 1012328

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

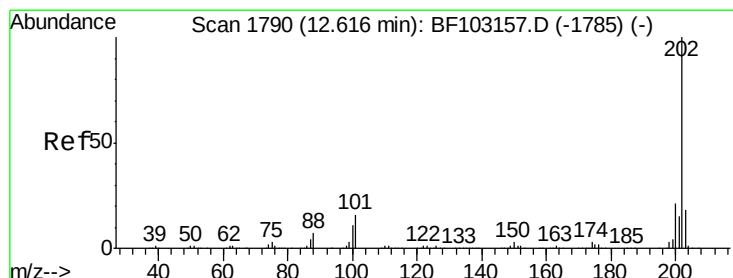
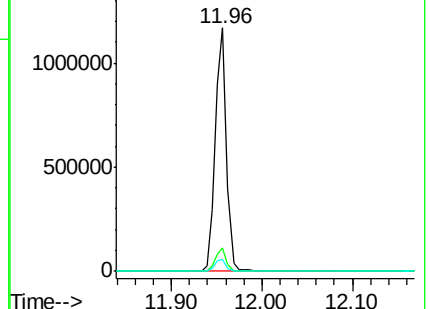
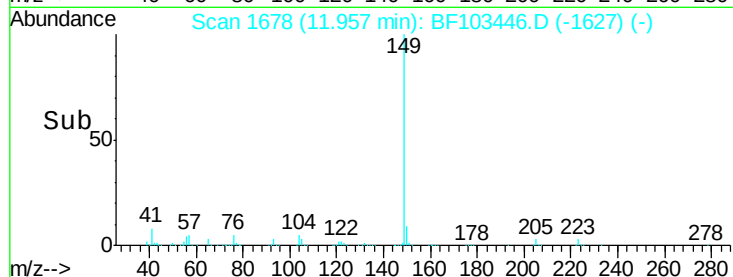
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.888 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

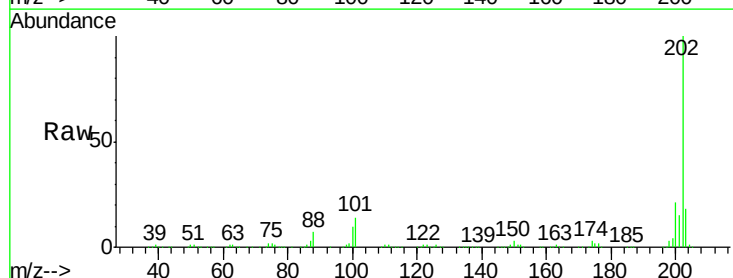
Tgt Ion:202 Resp: 799709

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

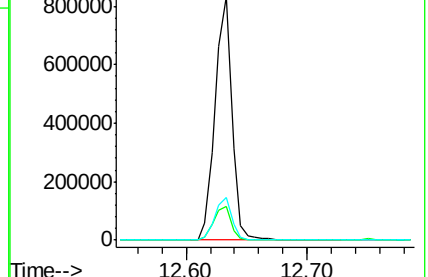
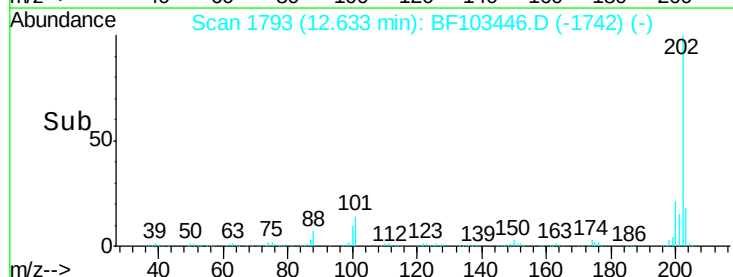
203 17.6 0.0 38.1

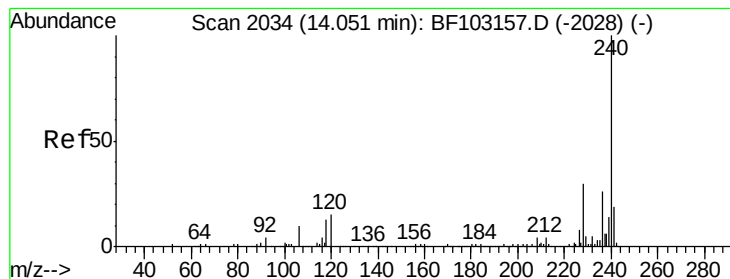


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

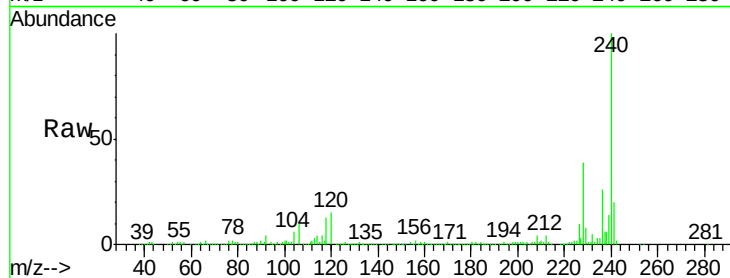
Tot Ion:240 Resp: 269976

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

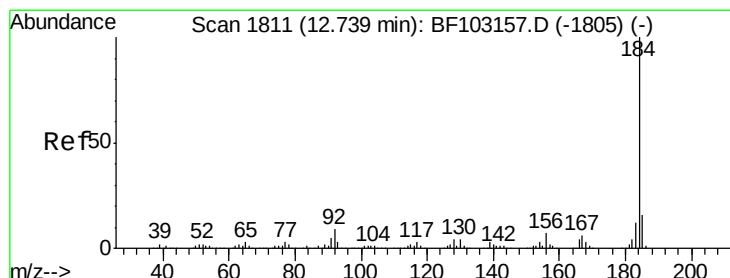
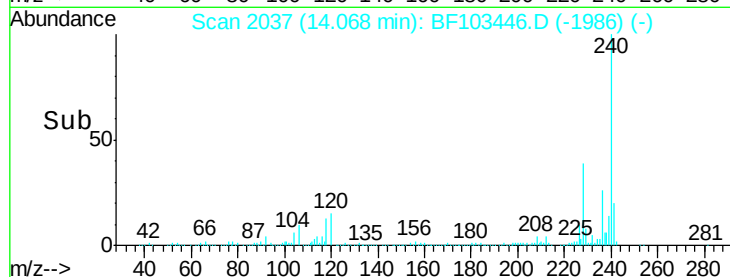
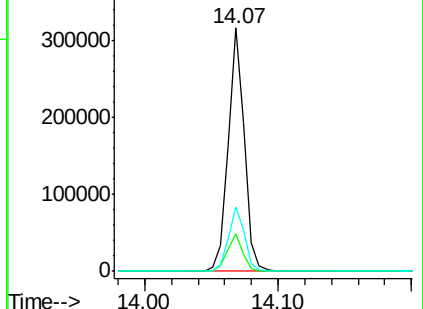
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.054 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

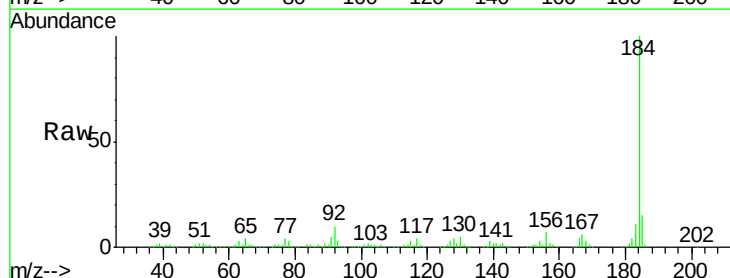
Tgt Ion:184 Resp: 434552

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

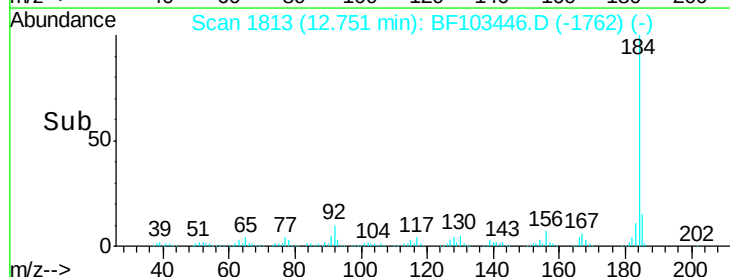
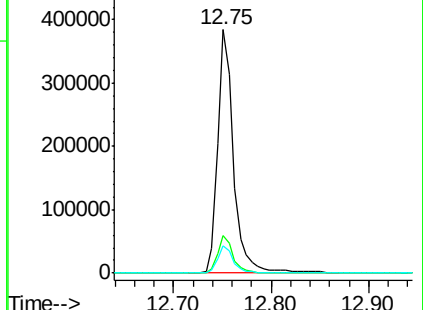
183 11.1 9.3 13.9

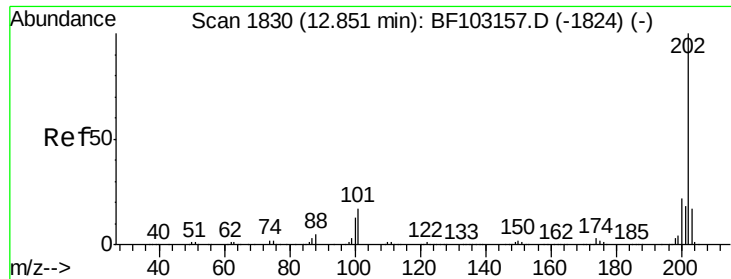


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

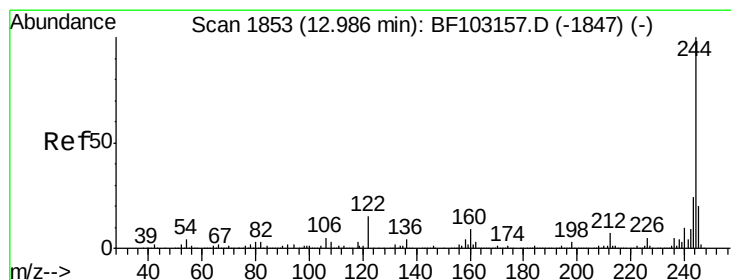
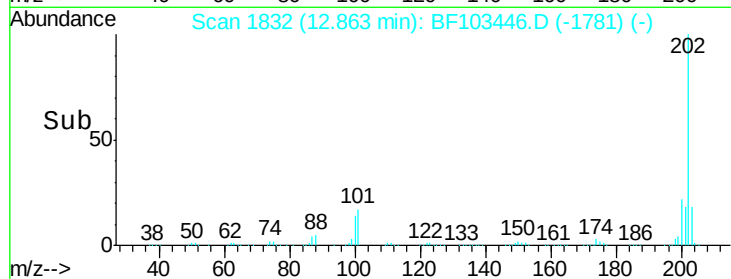
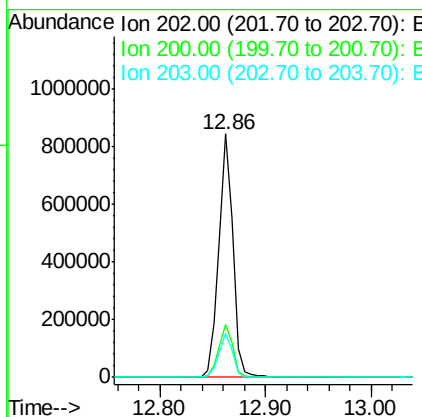
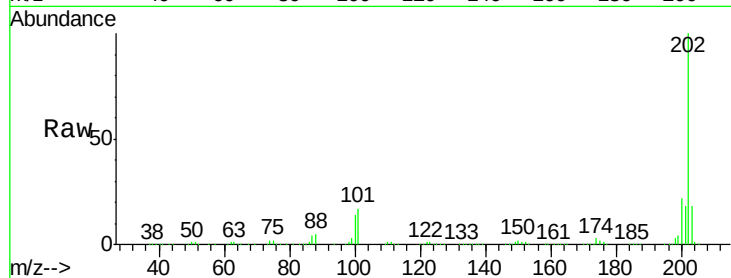




#77
 Pvrene
 Concen: 38.748 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

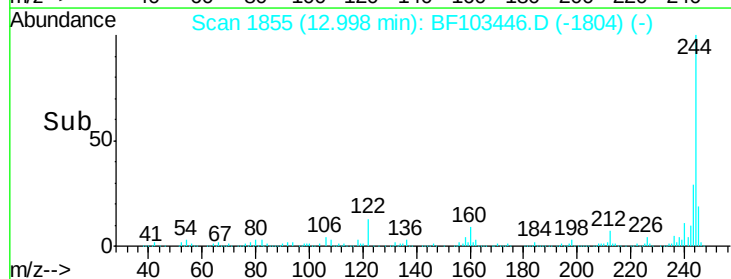
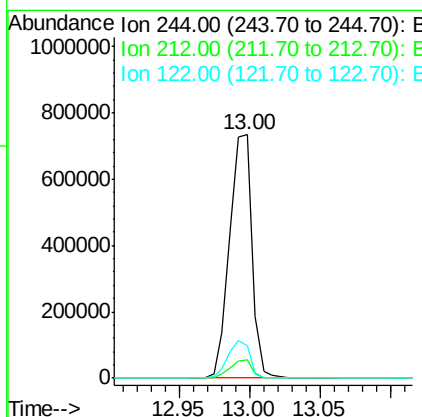
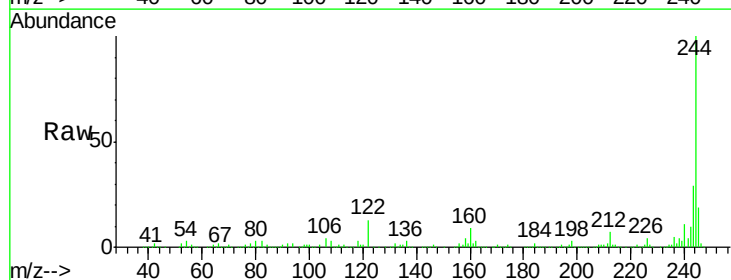
Instrument :
 BNA_F
 ClientSampleId :

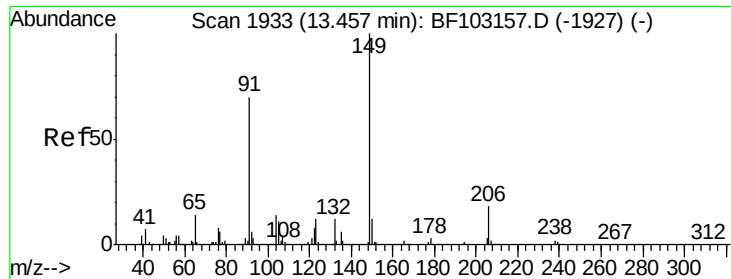
Tot Ion:202 Resp: 815609
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 72.440 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:244 Resp: 813562
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.5 11.0 16.4

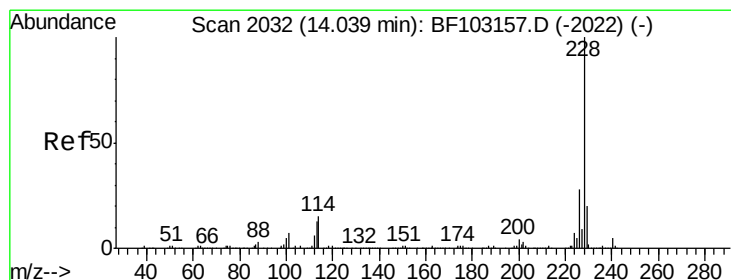
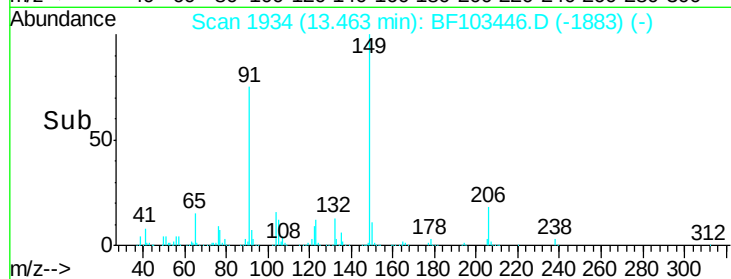
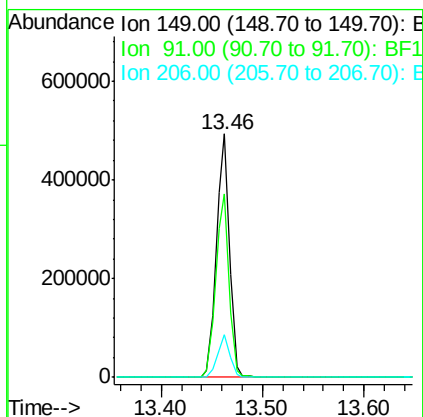
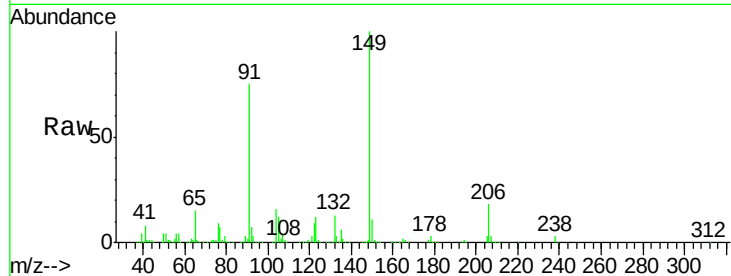




#79
Butylbenzylphthalate
Concen: 39.785 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

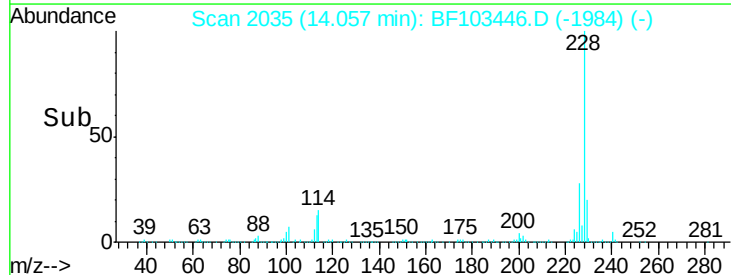
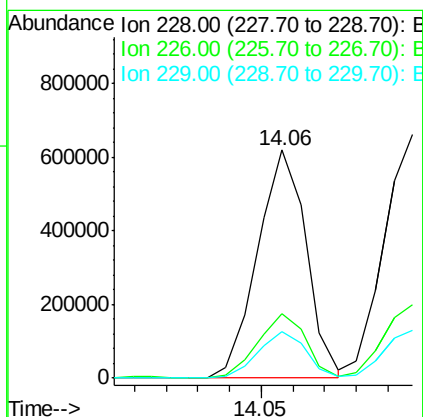
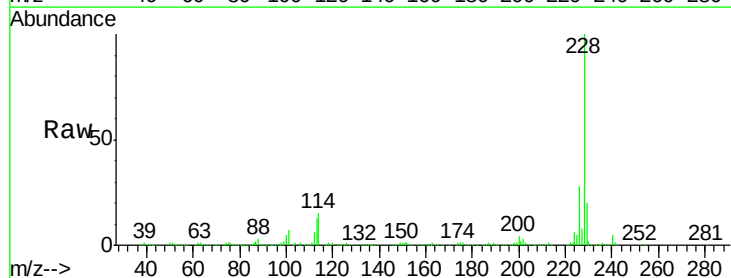
Instrument :
BNA_F
ClientSampleId :

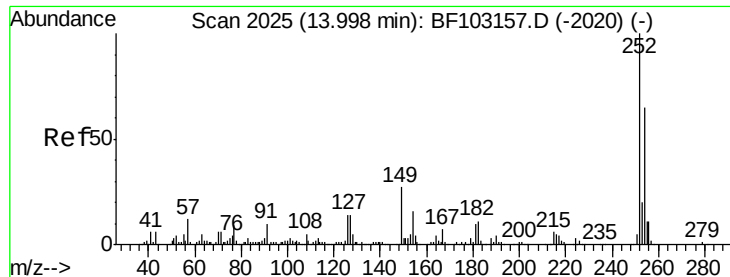
Tot Ion:149 Resp: 442450
Ion Ratio Lower Upper
149 100
91 75.5 56.8 85.2
206 17.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.751 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:228 Resp: 661279
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.3 15.8 23.6

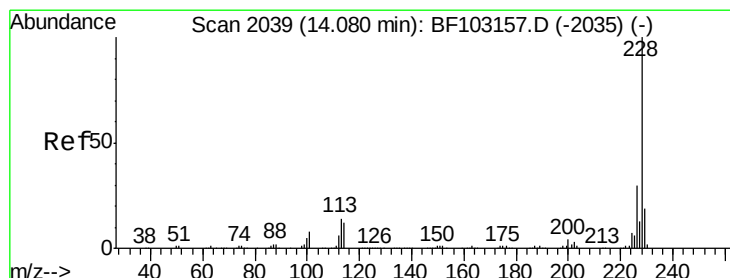
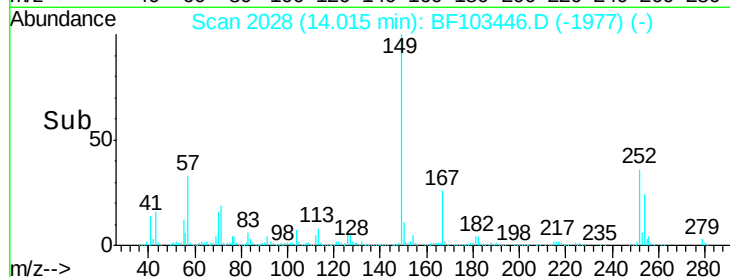
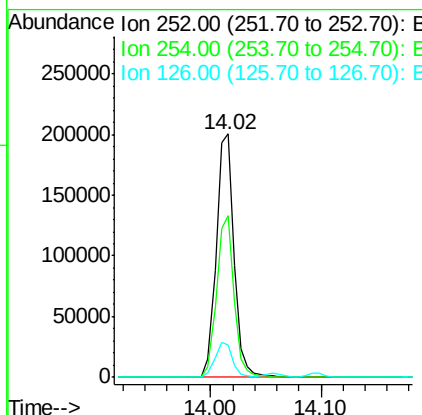
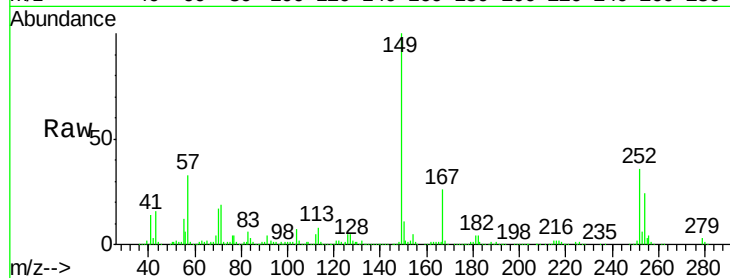




#81
 3,3'-Dichlorobenzidine
 Concen: 35.904 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

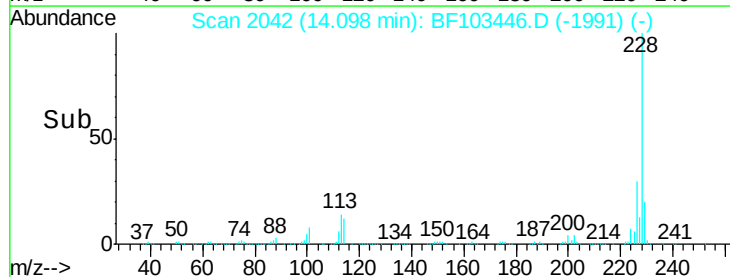
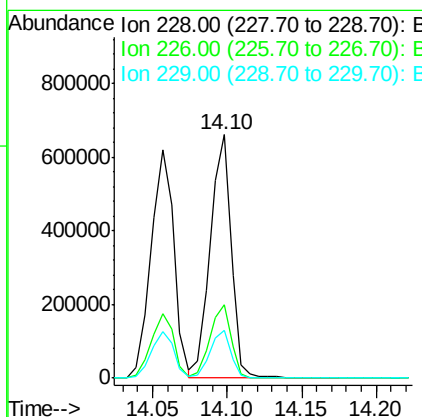
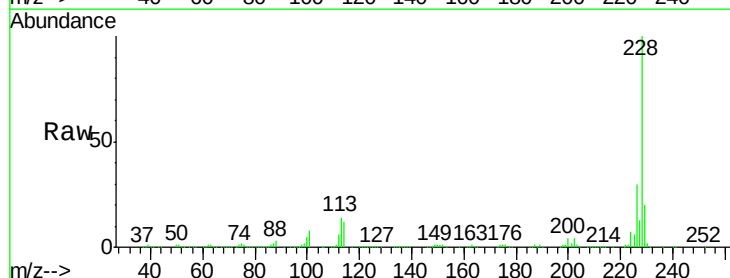
Instrument :
 BNA_F
 ClientSampleId :

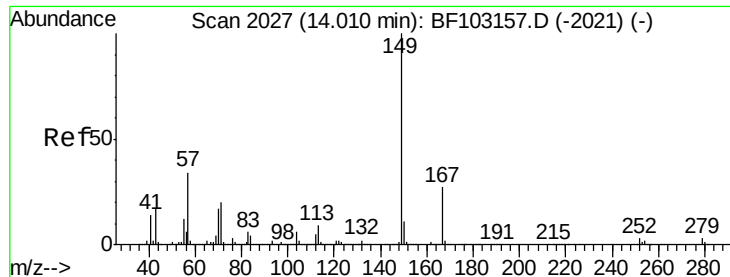
Tot Ion:252 Resp: 224451
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.4 75.6
 126 13.2 11.3 16.9



#82
 Chrysene
 Concen: 37.709 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:228 Resp: 641380
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 19.7 16.2 24.4

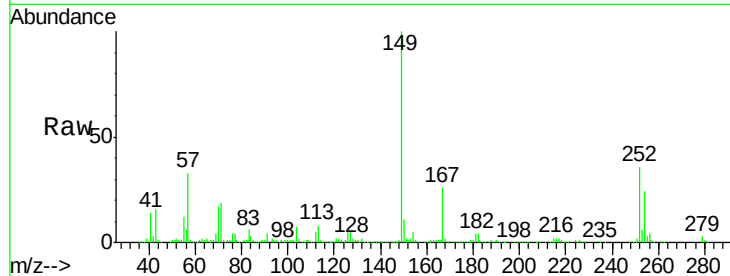




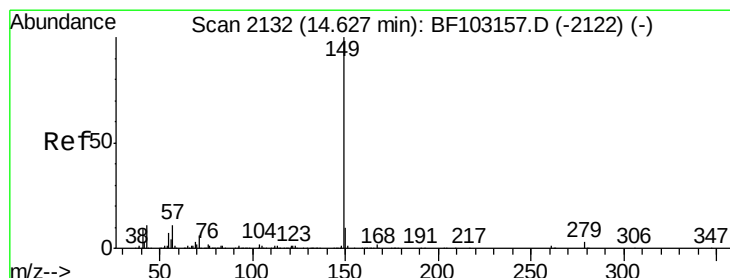
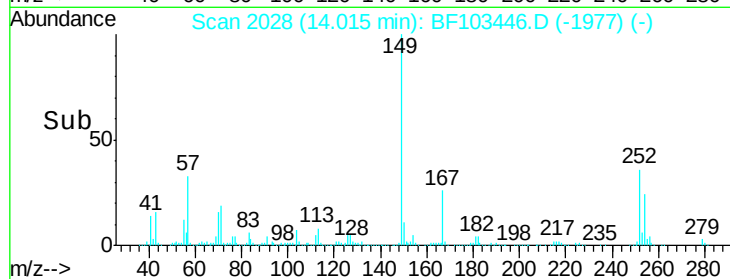
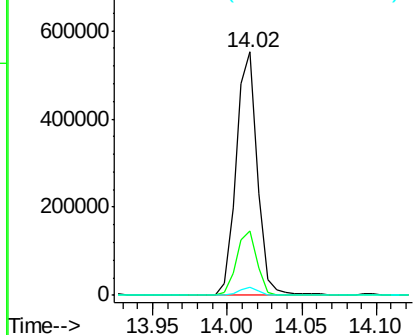
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.466 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 547260
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.3 3.0 4.4

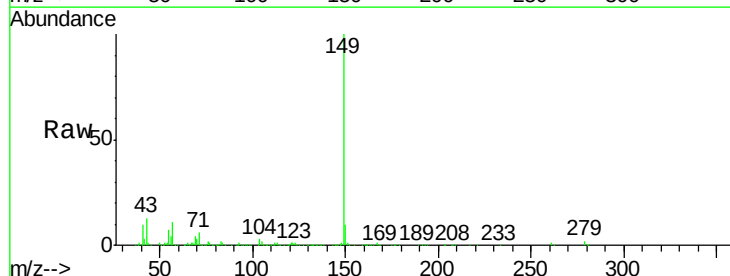


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

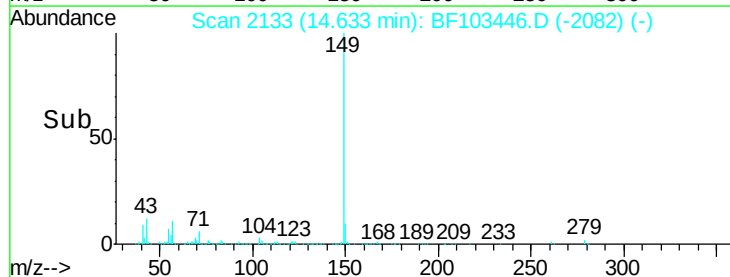
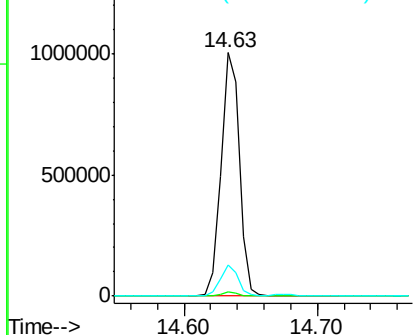


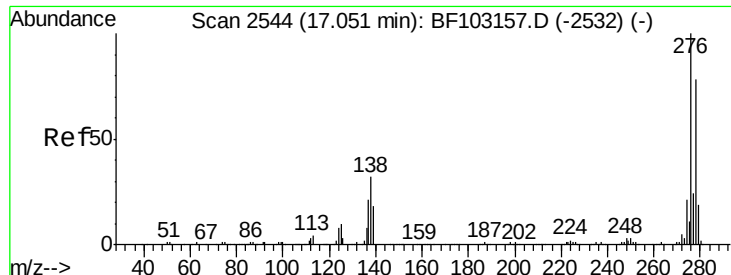
#84
 Di-n-octyl phthalate
 Concen: 40.237 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:149 Resp: 975634
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.158 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

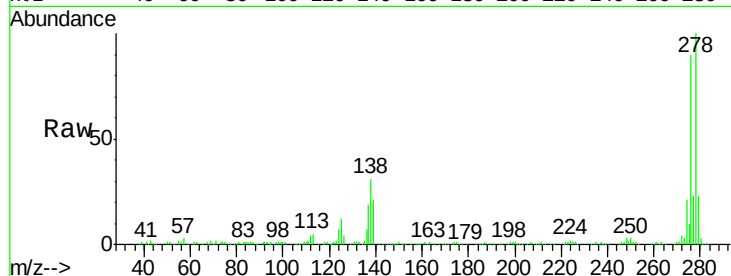
Tot Ion:276 Resp: 554212

Ion Ratio Lower Upper

276 100

138 32.9 25.0 37.6

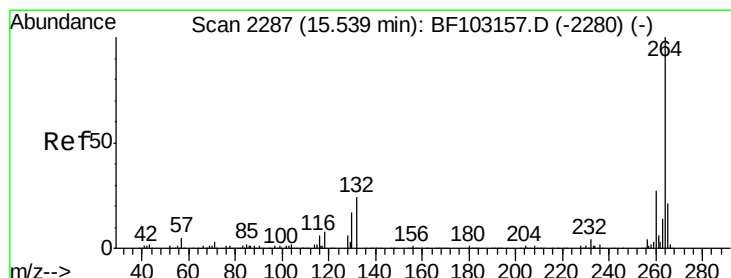
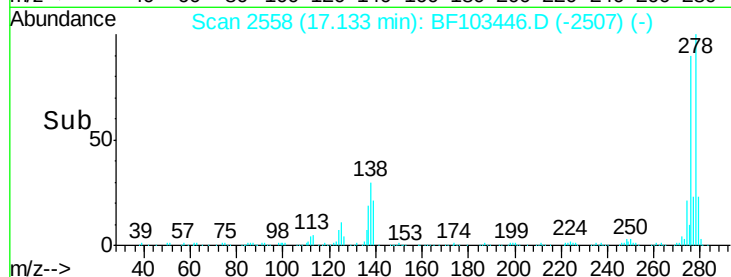
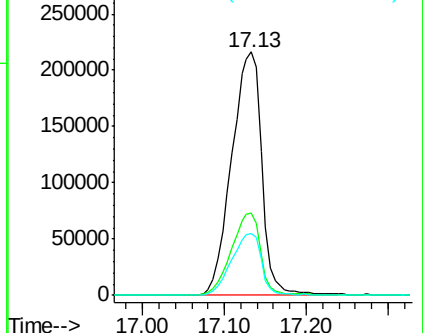
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

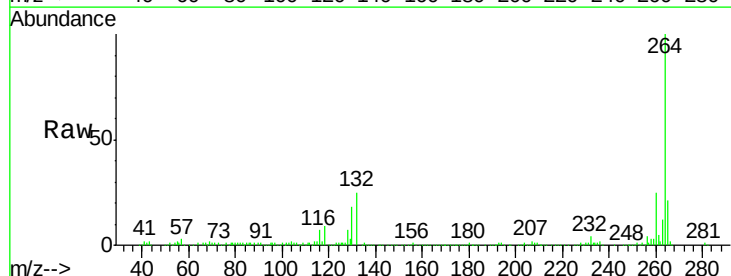
Tgt Ion:264 Resp: 258849

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

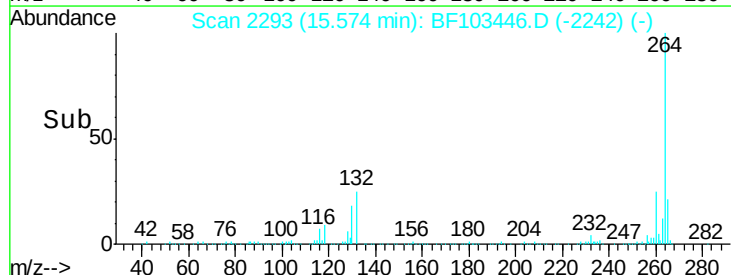
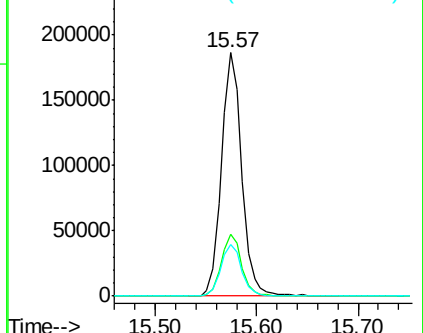
265 21.2 17.5 26.3

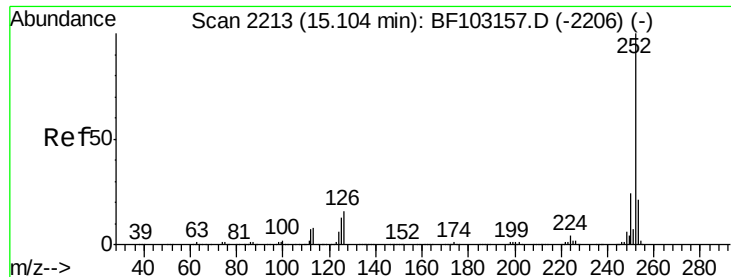


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

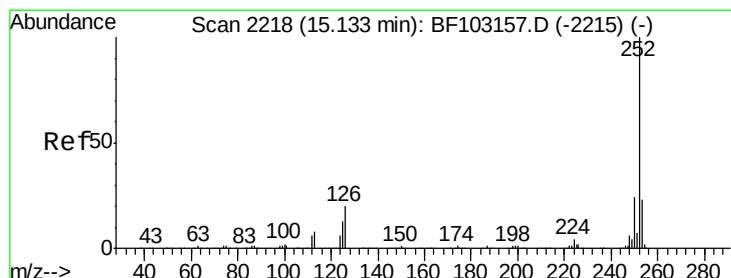
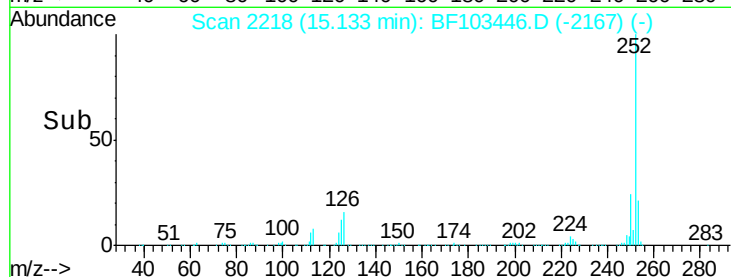
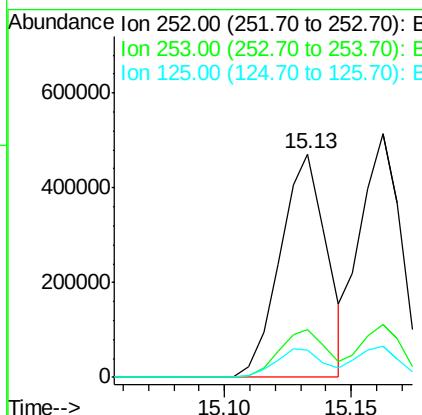
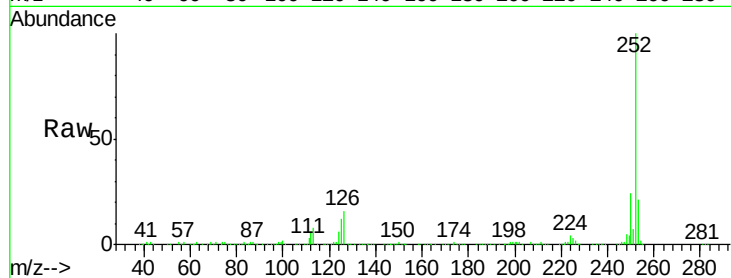




#87
Benzo(b)fluoranthene
Concen: 35.459 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

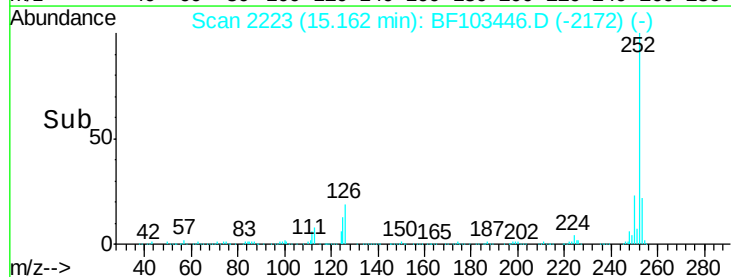
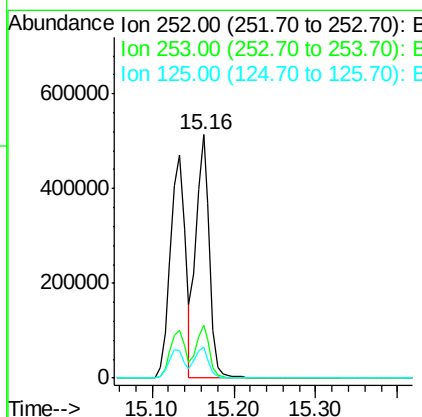
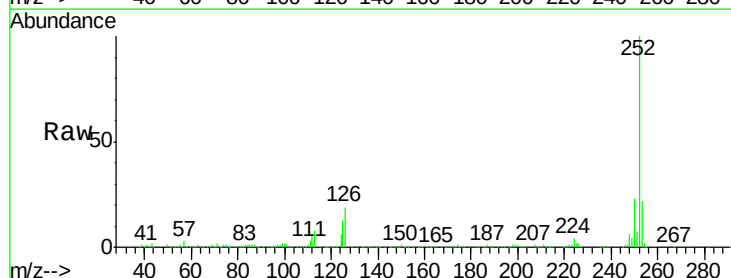
Instrument :
BNA_F
ClientSampleId :

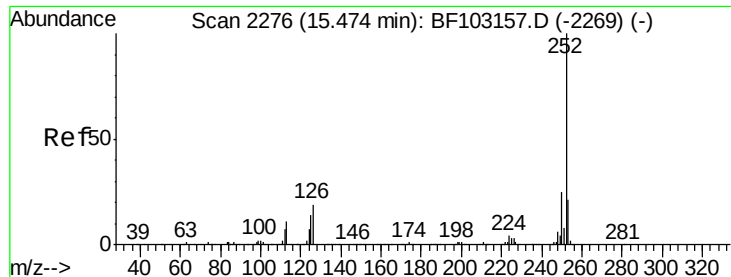
Tot Ion:252 Resp: 603472
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.578 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:252 Resp: 586213
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.273 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampled :

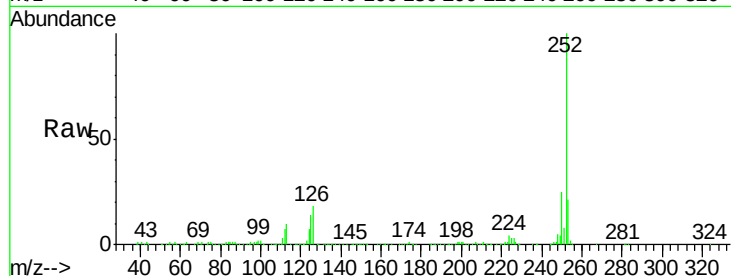
Tot Ion:252 Resp: 566481

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

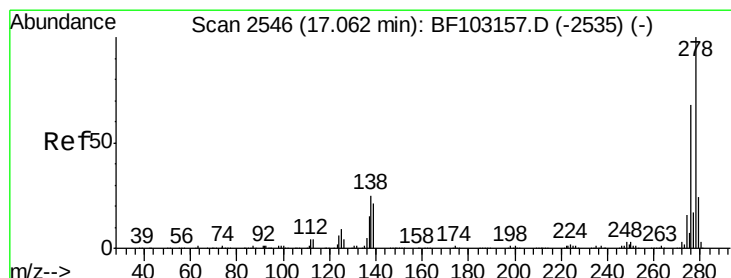
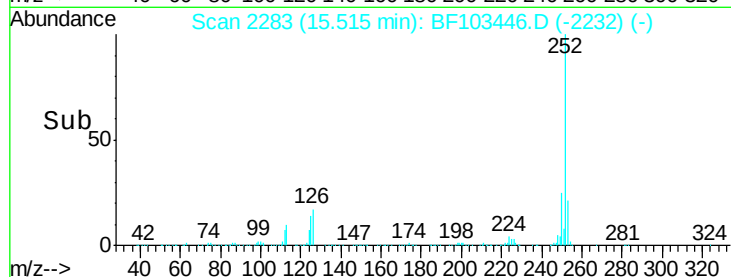
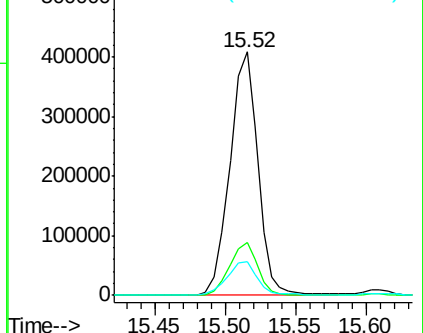
125 13.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.668 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

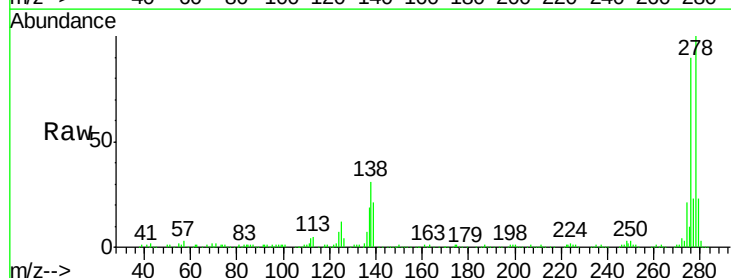
Tgt Ion:278 Resp: 465855

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

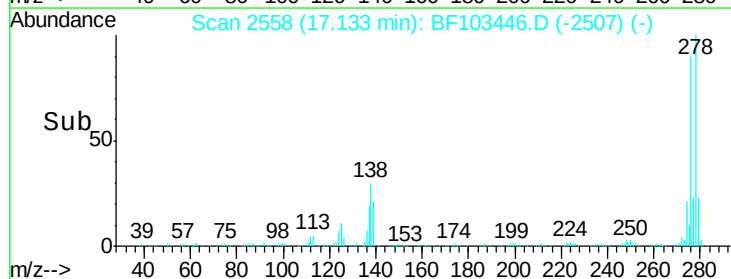
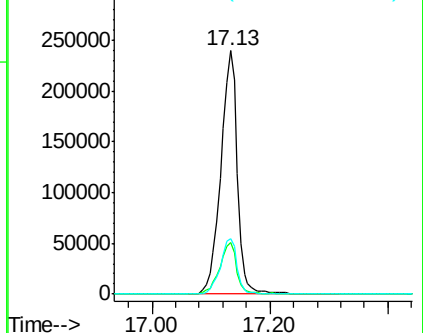
279 22.6 19.0 28.4

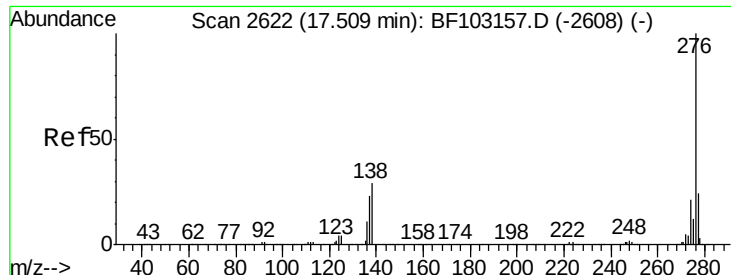


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.372 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.00 min

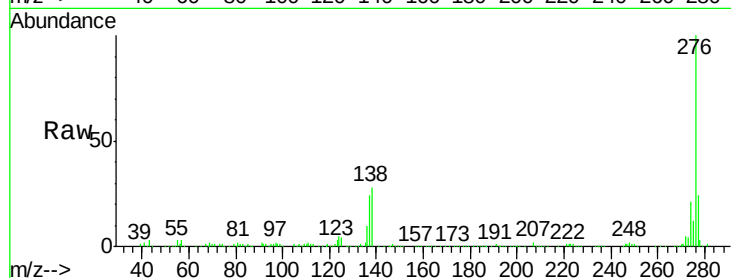
Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :



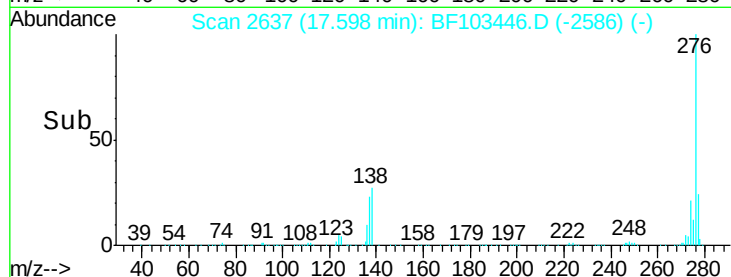
Tot Ion: 276 Resp: 463371

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 27.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

