

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103206.D
 Acq On : 26 Feb 2018 9:41
 Operator : SJ/JU
 Sample : PB106758BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 10:41:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167415	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	710941	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	322364	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	560913	20.00	ng	0.00
75) Chrysene-d12	14.05	240	392225	20.00	ng	0.00
86) Perylene-d12	15.54	264	322284	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1043812	94.30	ng	0.01
7) Phenol-d6	6.50	99	1241569	91.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	829118	66.60	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	256763	94.10	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1302193	65.91	ng	0.00
78) Terphenyl-d14	12.99	244	1187381	72.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	178423	30.519	ng	92
3) Pyridine	3.50	79	463389	29.689	ng	97
4) n-Nitrosodimethylamine	3.43	42	232052	36.864	ng	98
6) Aniline	6.53	93	353948	18.106	ng	93
8) 2-Chlorophenol	6.66	128	396982	34.523	ng	95
9) Benzaldehyde	6.42	77	237179	26.059	ng	98
10) Phenol	6.52	94	508860	32.362	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	398544	33.395	ng	92
12) 1,3-Dichlorobenzene	6.81	146	416151	31.668	ng	98
13) 1,4-Dichlorobenzene	6.89	146	414495	31.461	ng	99
14) 1,2-Dichlorobenzene	7.04	146	390081	32.110	ng	100
15) Benzyl Alcohol	7.01	79	340875	33.397	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	672212	32.801	ng	98
17) 2-Methylphenol	7.12	107	343502	32.871	ng	97
18) Hexachloroethane	7.38	117	156813	32.695	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	268022	31.794	ng	97
20) 3+4-Methylphenols	7.27	107	390812	30.680	ng	# 68
22) Acetophenone	7.28	105	523529	31.548	ng	# 91
24) Nitrobenzene	7.46	77	448369	32.713	ng	98
25) Isophorone	7.69	82	820654	33.471	ng	99
26) 2-Nitrophenol	7.77	139	220229	34.131	ng	93
27) 2,4-Dimethylphenol	7.80	122	361321	36.635	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	509382	35.336	ng	98
29) 2,4-Dichlorophenol	8.01	162	326930	34.623	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	315846	31.410	ng	98
31) Naphthalene	8.17	128	1122749	32.257	ng	100
32) Benzoic acid	7.93	122	242245	35.252	ng	99
33) 4-Chloroaniline	8.22	127	137606	9.162	ng	96
34) Hexachlorobutadiene	8.29	225	159227	30.408	ng	100
35) Caprolactam	8.60	113	74973	22.591	ng	# 90
36) 4-Chloro-3-methylphenol	8.71	107	369424	34.686	ng	99
37) 2-Methylnaphthalene	8.87	142	739687	32.883	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279690	31.737	ng	98
40) Hexachlorocyclopentadiene	9.02	237	194759	64.618	ng	98

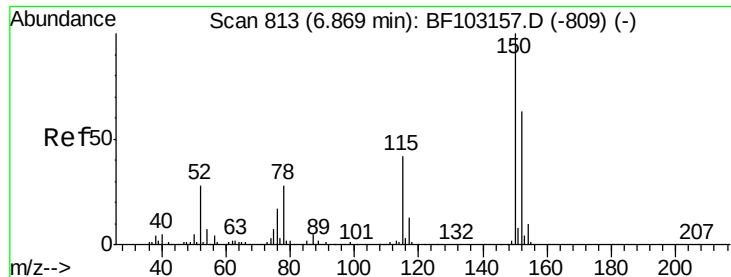
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103206.D
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 Operator : SJ/JU
 Sample : PB106758BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	200353	33.787	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	218813	32.083	ng	97
45) 1,1'-Biphenyl	9.33	154	845582	31.303	ng	98
46) 2-Chloronaphthalene	9.36	162	679809	31.811	ng	100
47) 2-Nitroaniline	9.46	65	263607	33.300	ng	91
48) Acenaphthylene	9.77	152	1042311	31.700	ng	100
49) Dimethylphthalate	9.63	163	825105	31.906	ng	100
50) 2,6-Dinitrotoluene	9.70	165	179719	33.116	ng	97
51) Acenaphthene	9.95	154	600453	31.317	ng	100
52) 3-Nitroaniline	9.86	138	105682	15.349	ng	95
53) 2,4-Dinitrophenol	9.98	184	139364	72.165	ng #	16
54) Dibenzofuran	10.12	168	915533	34.785	ng	97
55) 4-Nitrophenol	10.04	139	264737	62.039	ng	95
56) 2,4-Dinitrotoluene	10.10	165	238821	34.795	ng	96
57) Fluorene	10.46	166	689469	30.751	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	162844	35.543	ng	97
59) Diethylphthalate	10.33	149	798161	32.270	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	311065	32.716	ng	95
61) 4-Nitroaniline	10.49	138	215929	31.398	ng	92
62) Azobenzene	10.61	77	851793	33.834	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	103149	32.055	ng	96
65) n-Nitrosodiphenylamine	10.57	169	631491	32.334	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	190083	32.532	ng	97
67) Hexachlorobenzene	11.01	284	200488	31.613	ng	97
68) Atrazine	11.10	200	197049	33.568	ng	99
69) Pentachlorophenol	11.21	266	189763	61.883	ng	98
70) Phenanthrene	11.43	178	994622	32.221	ng	99
71) Anthracene	11.48	178	1045538	33.030	ng	99
72) Carbazole	11.63	167	1012416	32.118	ng	99
73) Di-n-butylphthalate	11.95	149	1277683	32.393	ng	99
74) Fluoranthene	12.62	202	1007421	32.477	ng	98
76) Benzidine	12.73	184	303152	20.674	ng	98
77) Pyrene	12.84	202	1013809	33.152	ng	99
79) Butylbenzylphthalate	13.46	149	554443	34.316	ng	97
80) Benzo(a)anthracene	14.04	228	825846	32.451	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	150851	16.609	ng	98
82) Chrysene	14.07	228	803601	32.521	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	748852	34.346	ng	100
84) Di-n-octyl phthalate	14.63	149	1192220	33.844	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	660492	33.763	ng	98
87) Benzo(b)fluoranthene	15.10	252	727926	34.353	ng	98
88) Benzo(k)fluoranthene	15.14	252	660114	33.082	ng	99
89) Benzo(a)pyrene	15.48	252	648938	34.294	ng #	96
90) Dibenzo(a,h)anthracene	17.07	278	542623	37.111	ng	99
91) Benzo(g,h,i)perylene	17.52	276	562731	39.378	ng	98

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

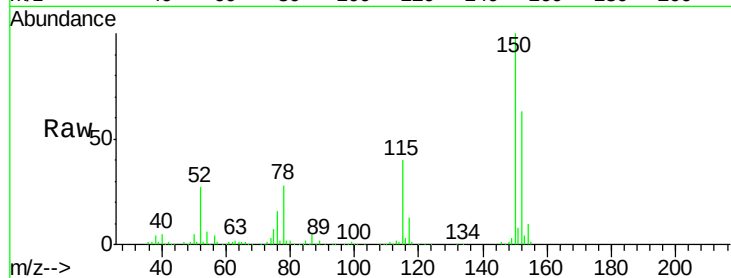


#1

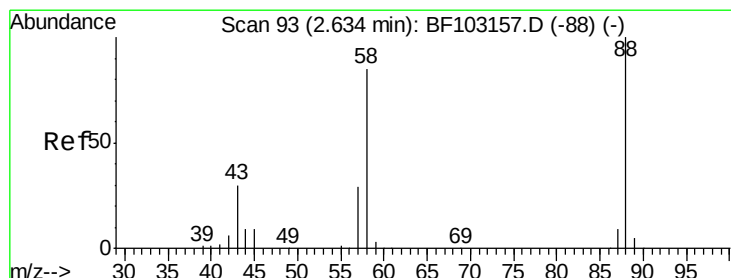
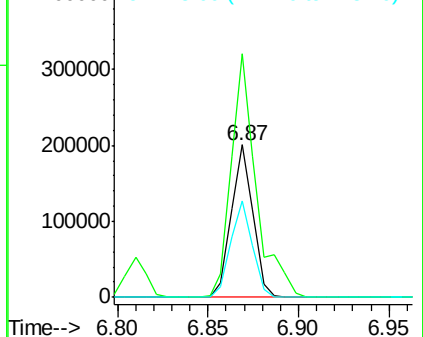
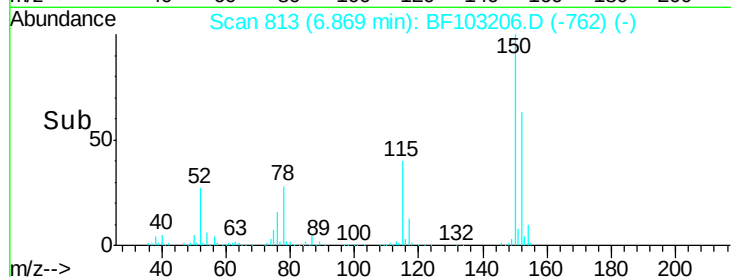
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	63.5	50.1	75.1



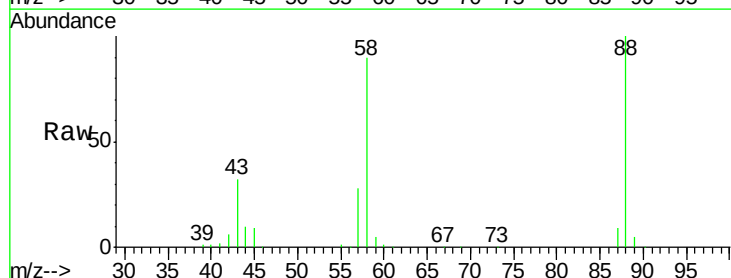
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



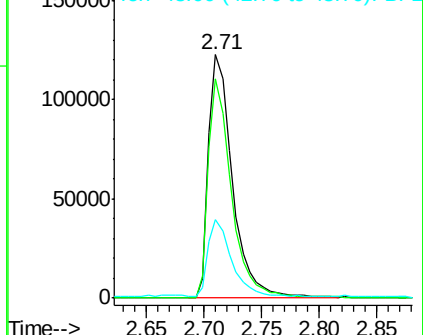
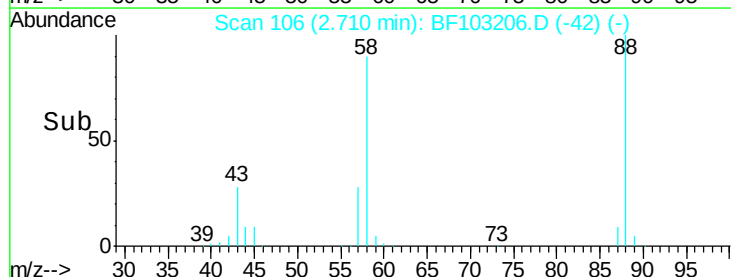
#2

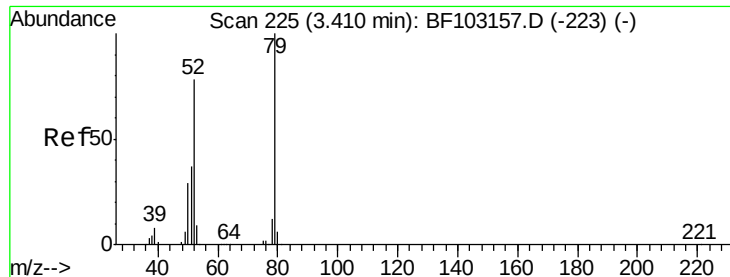
1,4-Dioxane
Concen: 30.519 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.08 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	62.6	93.8
43	31.2	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: 29.689 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

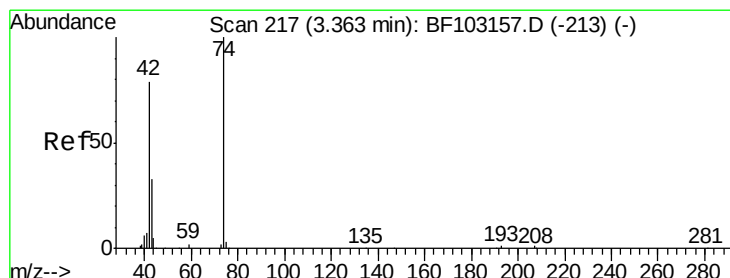
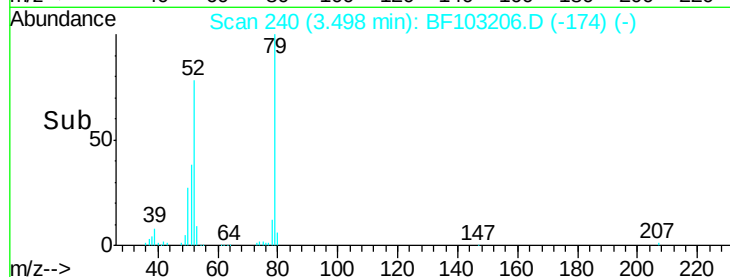
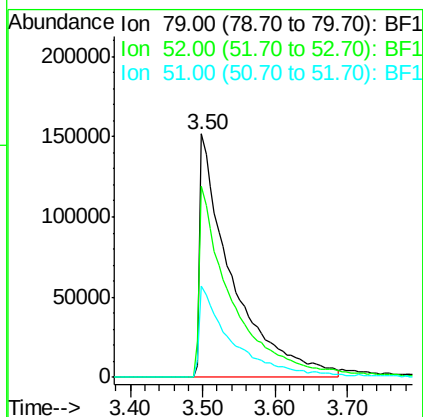
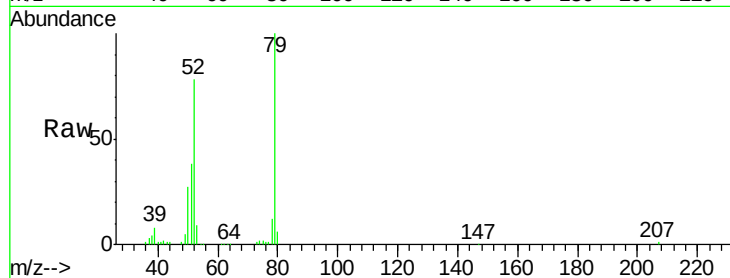
Tot Ion: 79 Resp: 463389

Ion Ratio Lower Upper

79 100

52 78.3 59.8 89.6

51 37.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.864 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.07 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

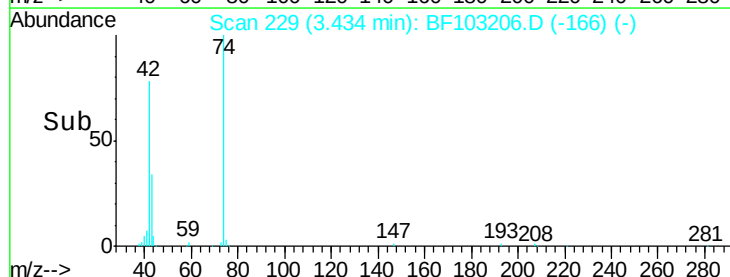
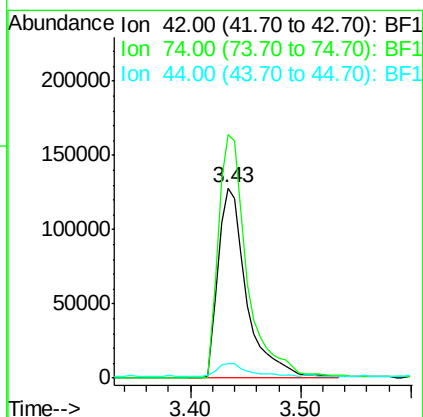
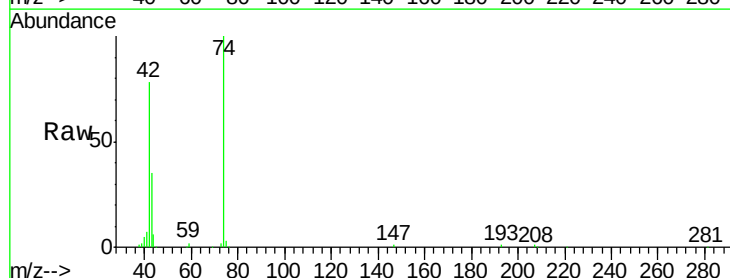
Tgt Ion: 42 Resp: 232052

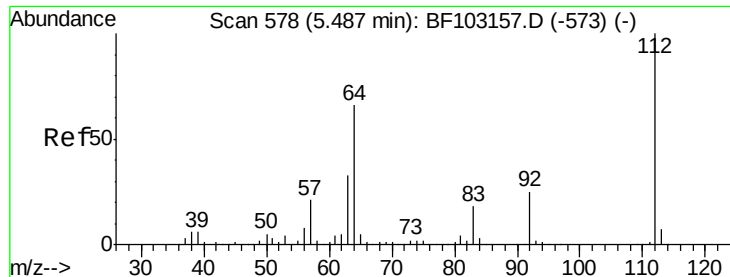
Ion Ratio Lower Upper

42 100

74 128.2 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 94.298 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

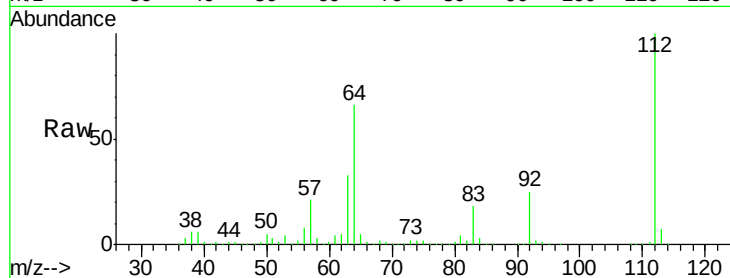
Tot Ion: 112 Resp: 1043812

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

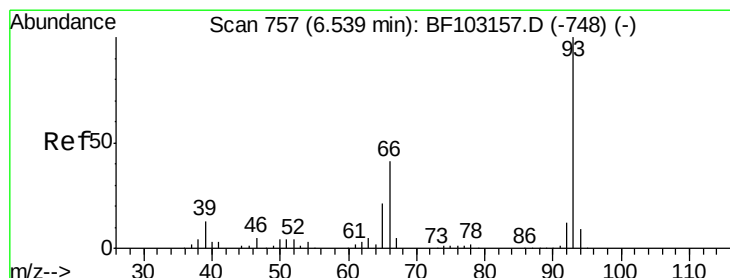
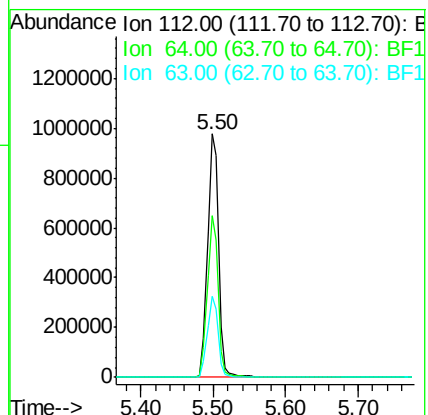
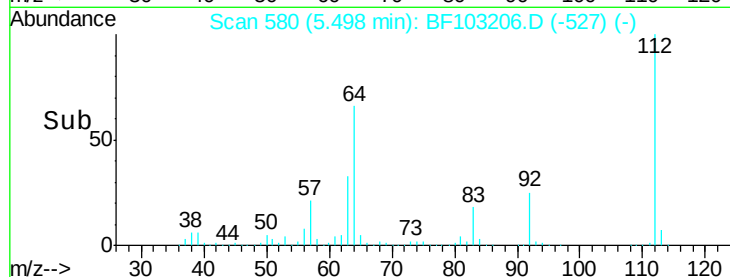
63 33.3 23.7 35.5



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: 18.106 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

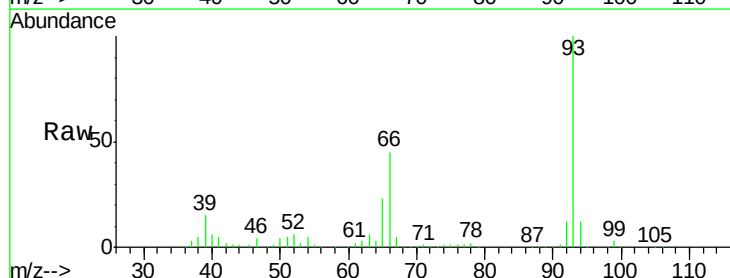
Tgt Ion: 93 Resp: 353948

Ion Ratio Lower Upper

93 100

66 45.0 32.2 48.2

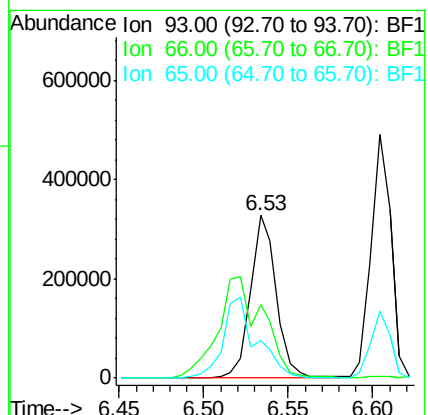
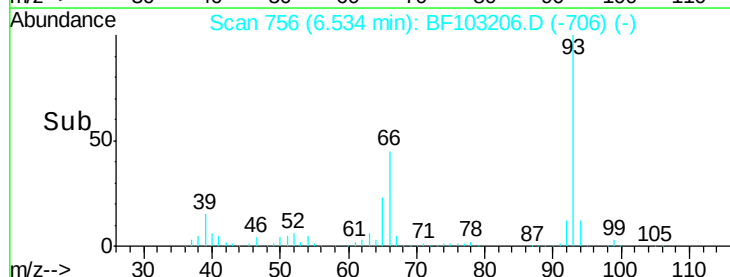
65 23.3 16.4 24.6

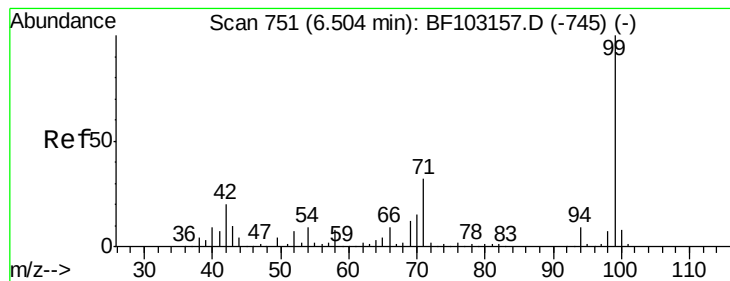


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.663 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

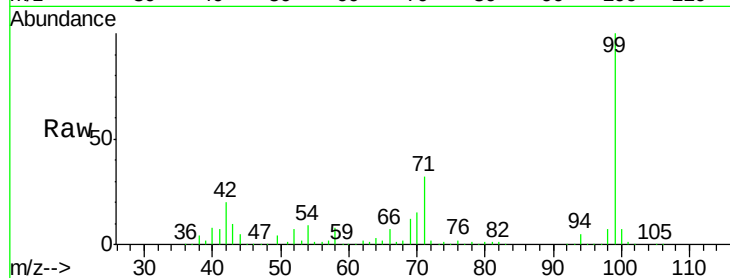
Tot Ion: 99 Resp: 1241569

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	32.0	25.4	38.0

99 100

42 19.8 14.5 21.7

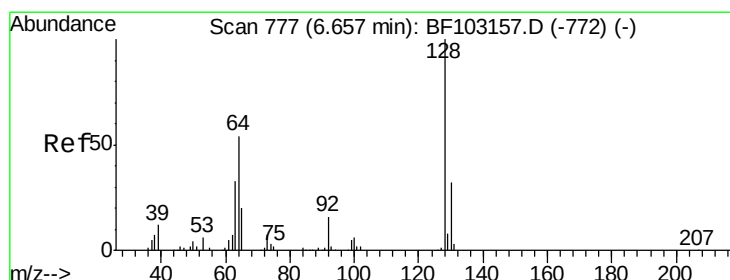
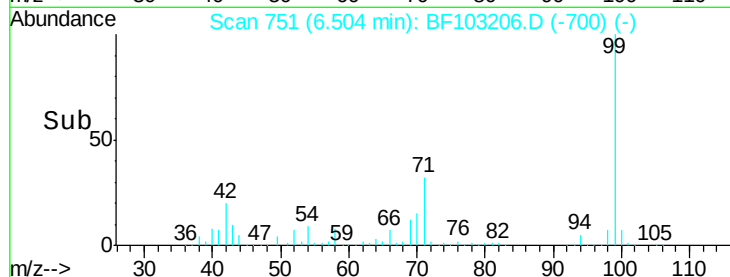
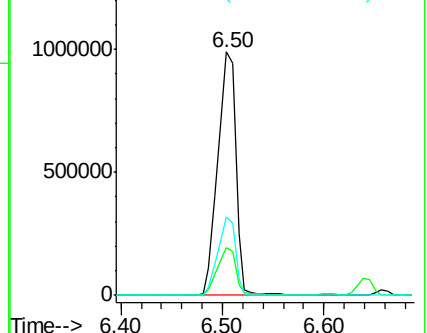
71 32.0 25.4 38.0



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: 34.523 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

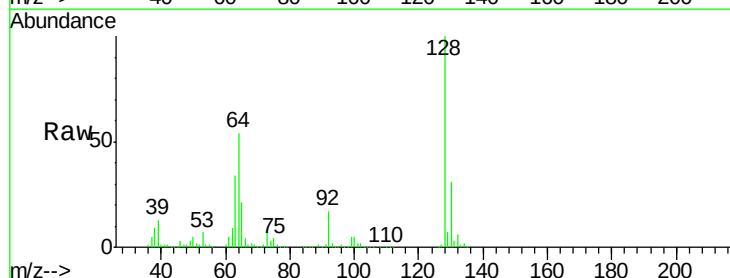
Tgt Ion:128 Resp: 396982

Ion	Ratio	Lower	Upper
128	100		
130	31.2	13.0	53.0
64	53.7	29.4	69.4

128 100

130 31.2 13.0 53.0

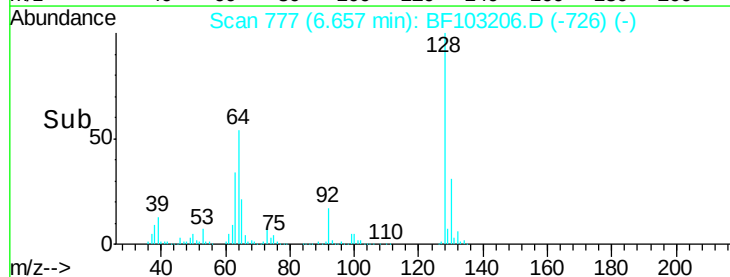
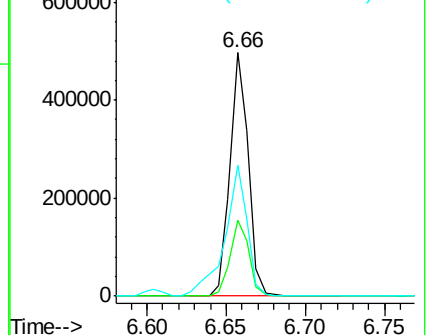
64 53.7 29.4 69.4

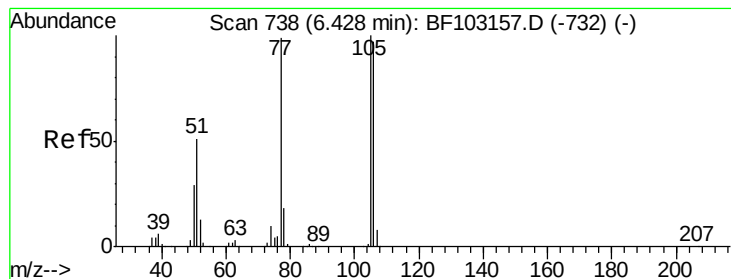


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.059 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

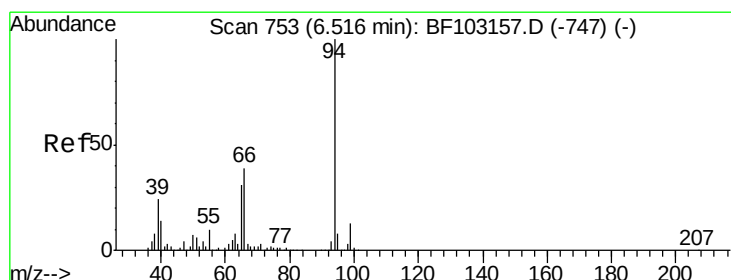
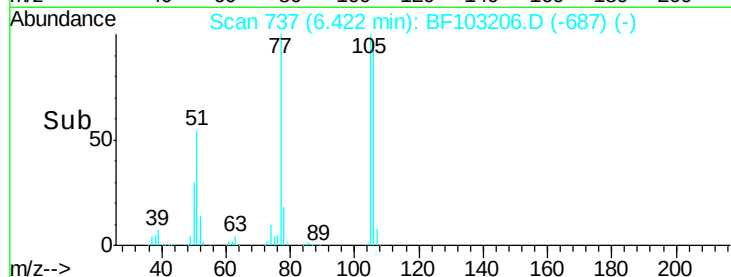
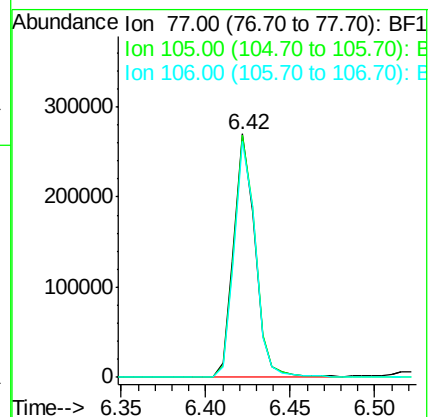
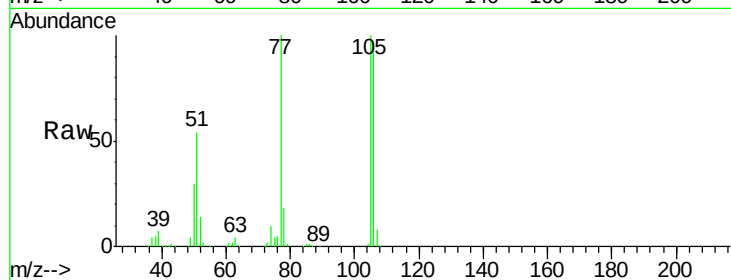
Tot Ion: 77 Resp: 237179

Ion Ratio Lower Upper

77 100

105 99.6 81.1 121.1

106 97.2 74.5 114.5



#10

Phenol

Concen: 32.362 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

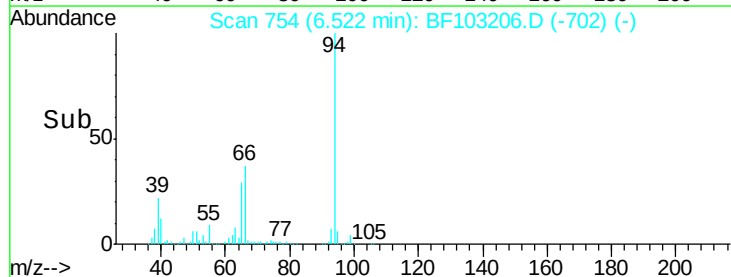
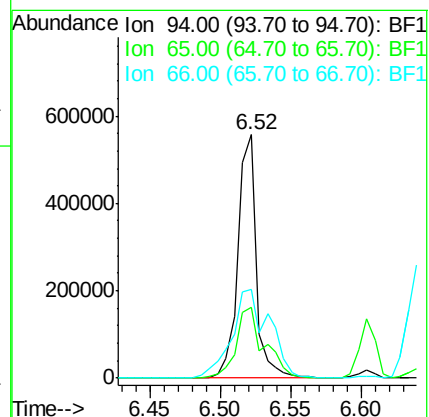
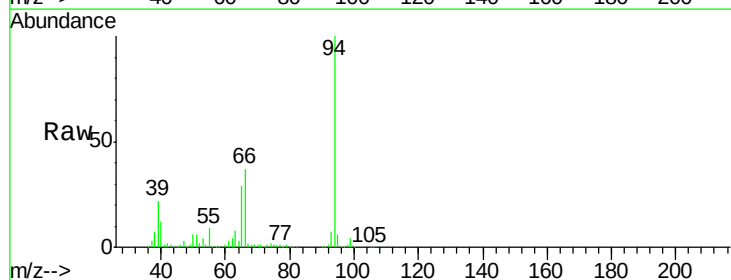
Tgt Ion: 94 Resp: 508860

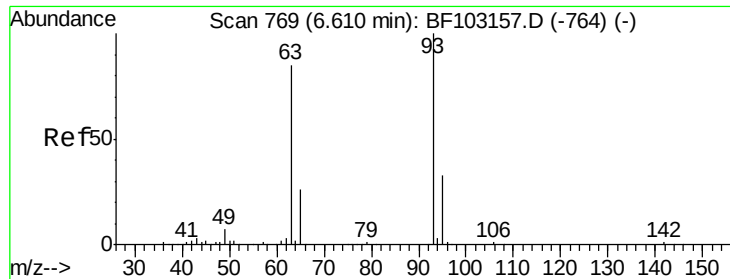
Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

66 36.7 16.2 56.2

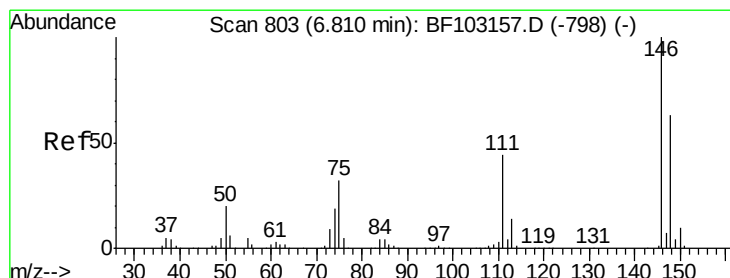
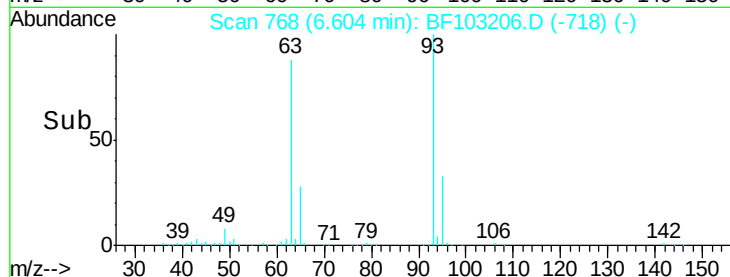
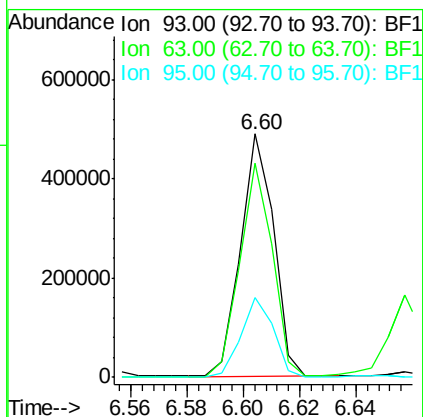
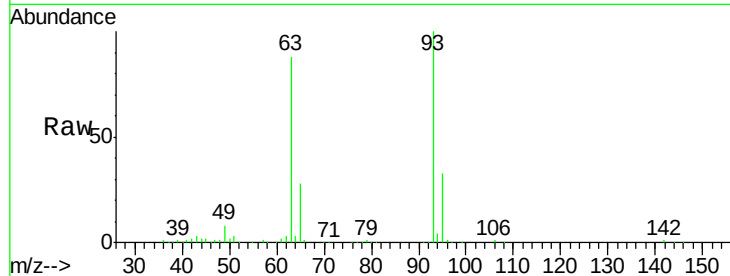




#11
bis(2-Chloroethyl)ether
Concen: 33.395 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

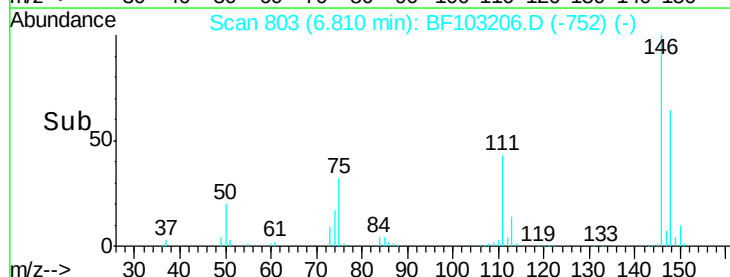
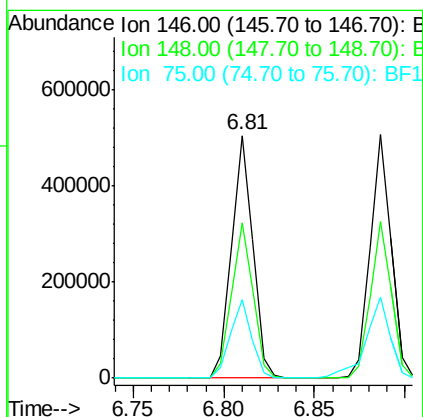
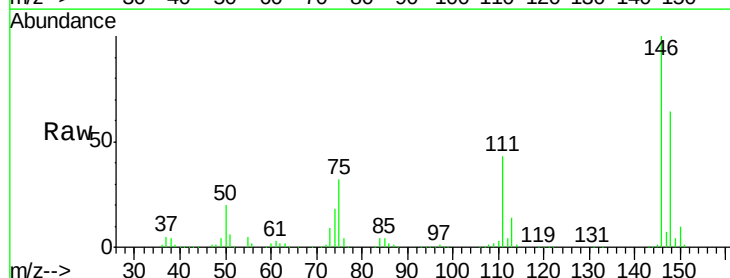
Instrument :
BNA_F
ClientSampleId :

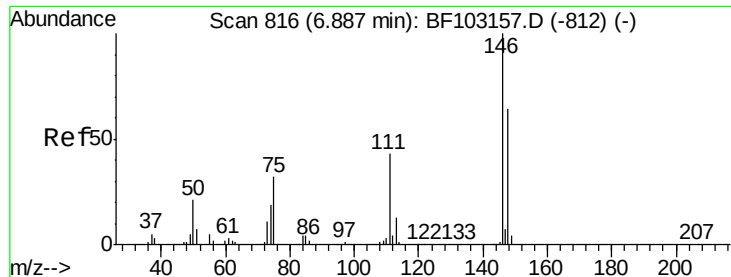
Tot Ion: 93 Resp: 398544
Ion Ratio Lower Upper
93 100
63 87.8 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.668 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion: 146 Resp: 416151
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 32.3 24.2 36.4

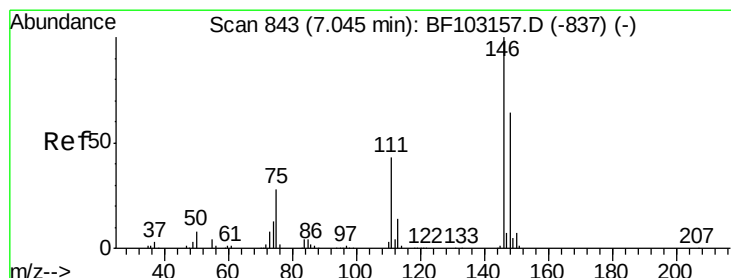
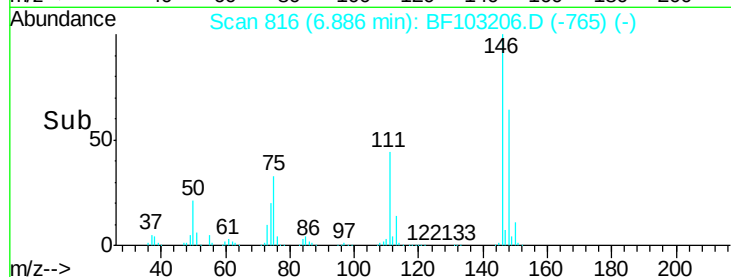
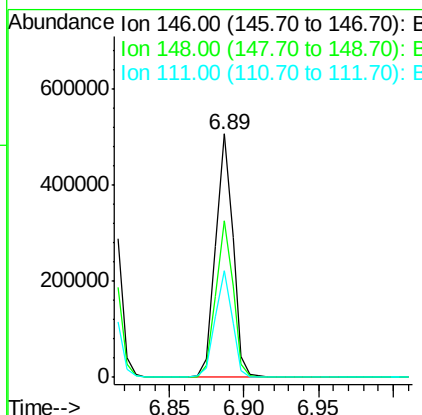
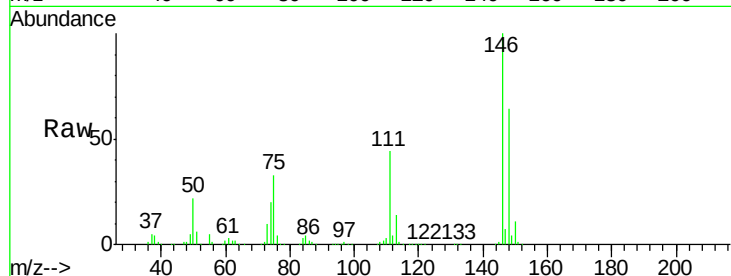




#13
 1,4-Dichlorobenzene
 Concen: 31.461 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

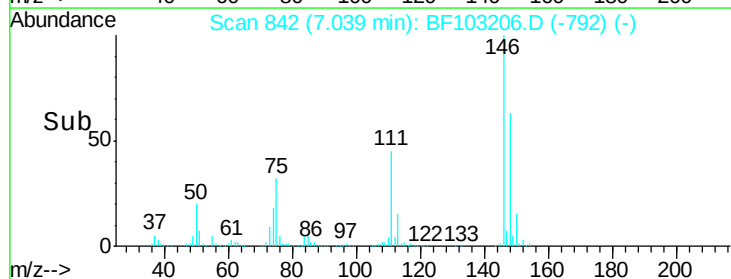
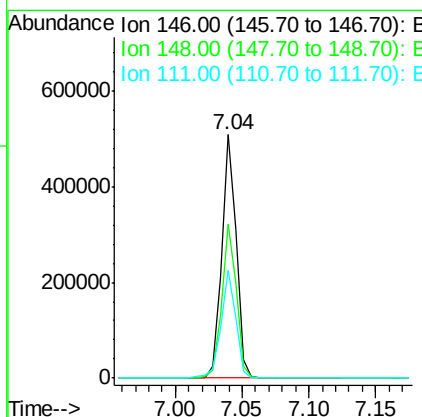
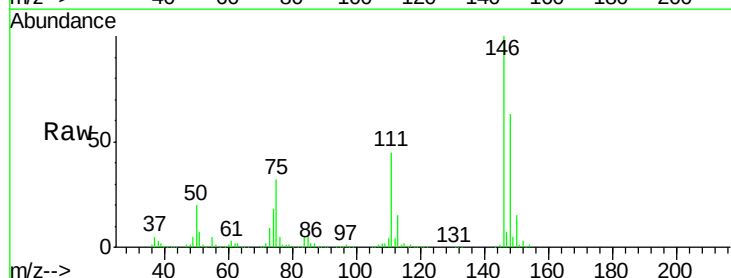
Instrument :
 BNA_F
 ClientSampleId :

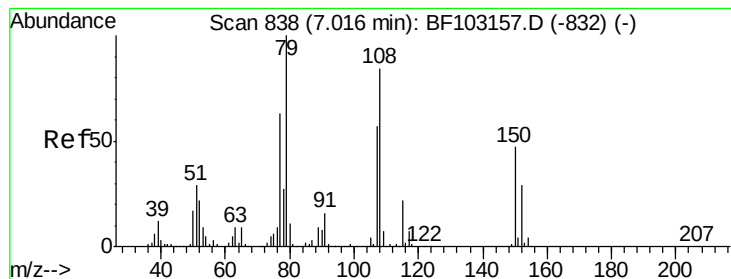
Tot Ion:146 Resp: 414495
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 44.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.110 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:146 Resp: 390081
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.397 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

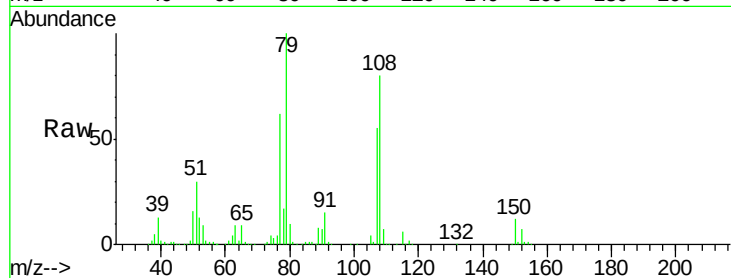
Tot Ion: 79 Resp: 340875

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

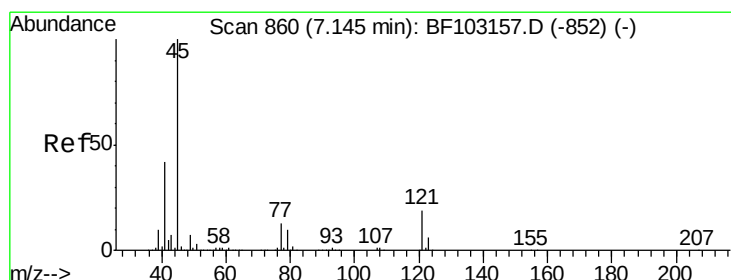
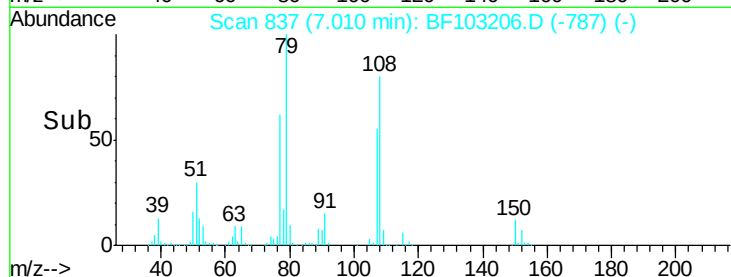
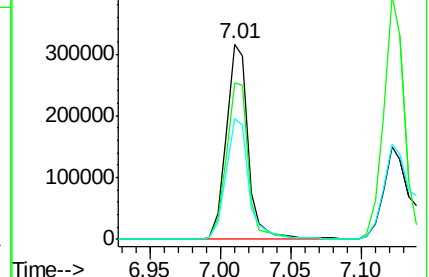
77 61.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.801 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

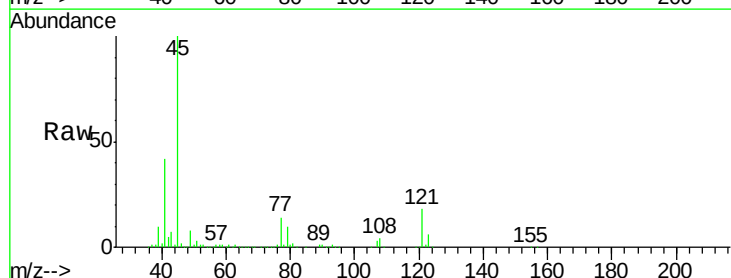
Tgt Ion: 45 Resp: 672212

Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

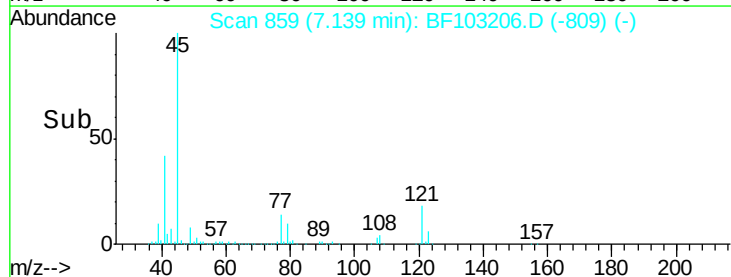
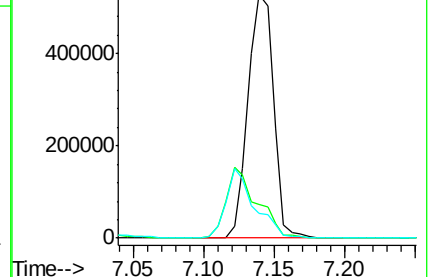
79 10.3 0.0 29.6

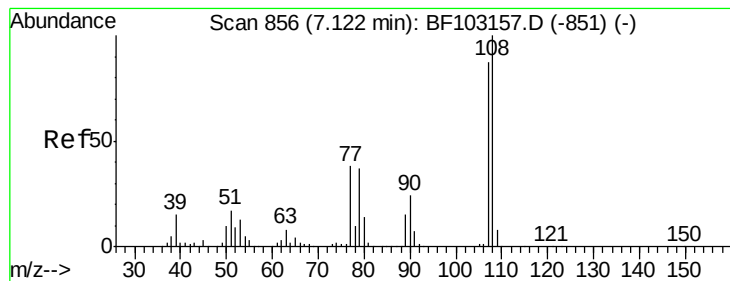


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

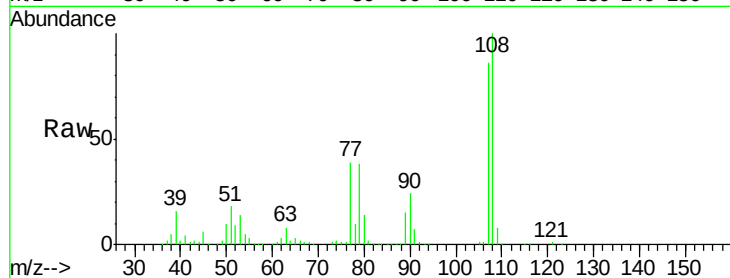




#17
2-Methylphenol
Concen: 32.871 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.7	137.5
77	45.8	33.8	50.8
79	44.2	33.8	50.8



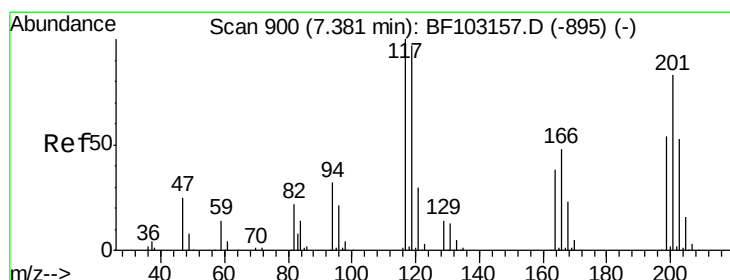
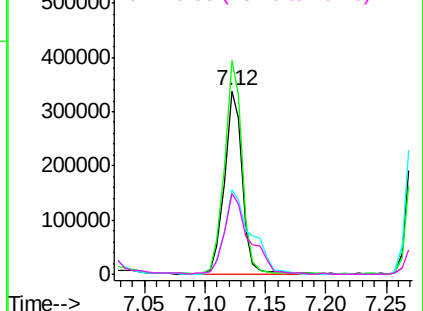
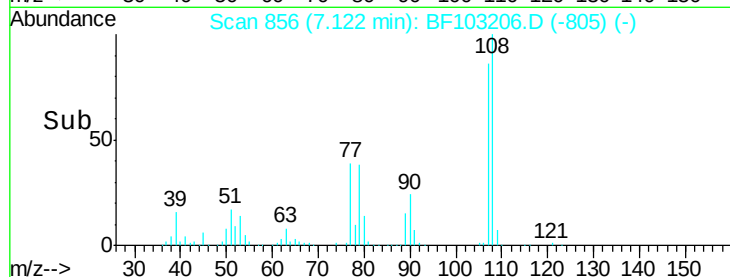
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

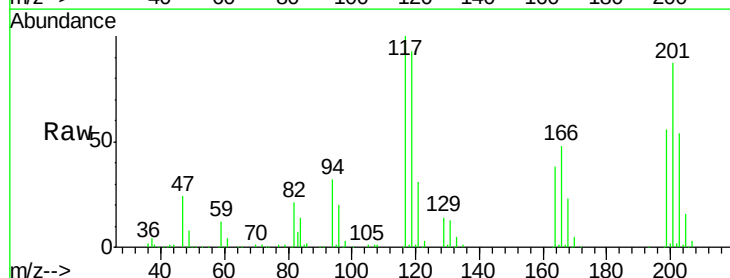
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.695 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	87.3	75.7	113.5

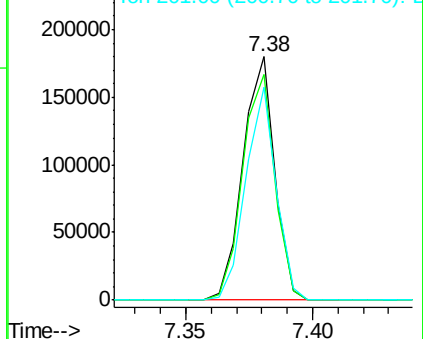
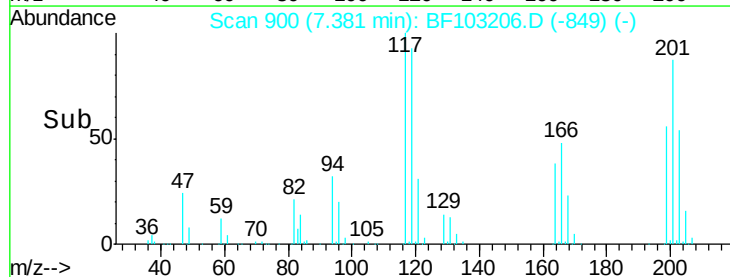


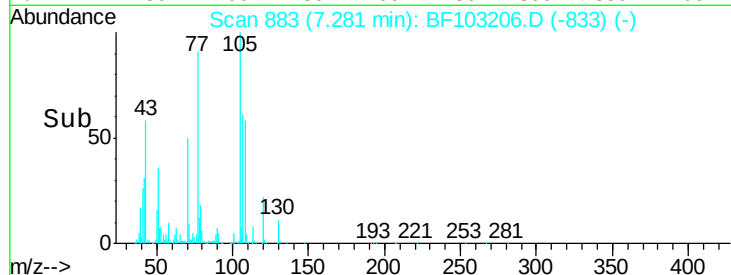
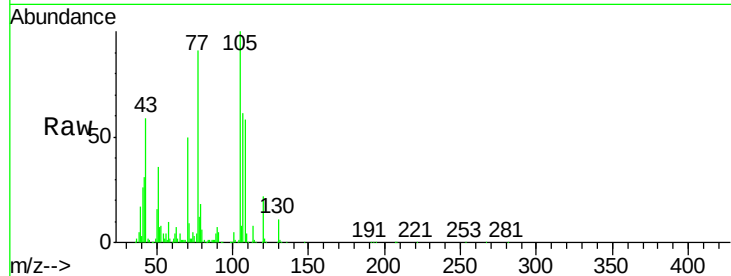
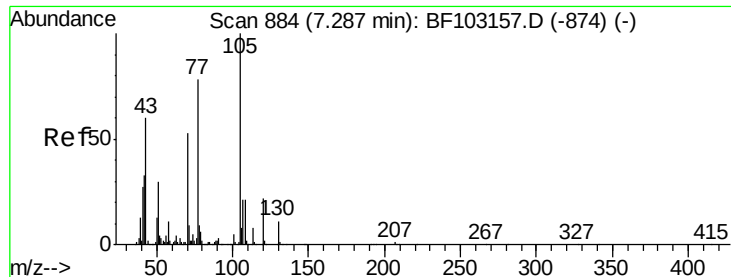
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

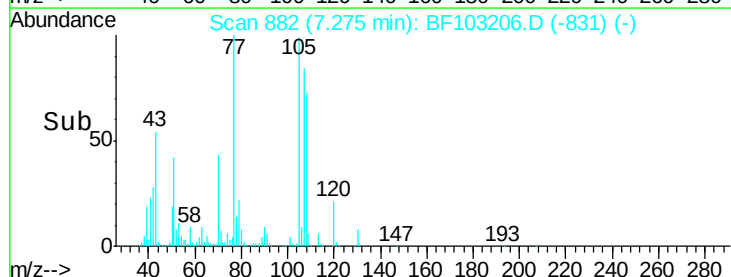
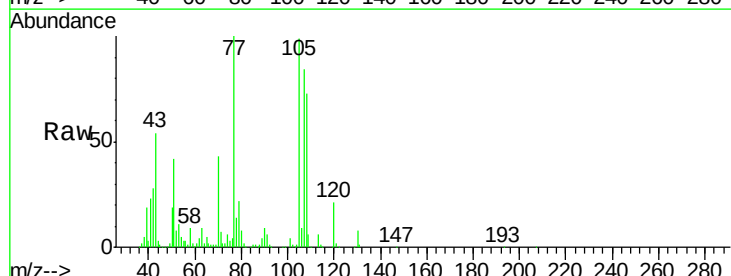
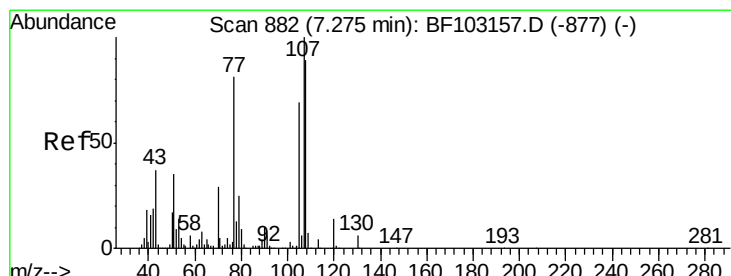
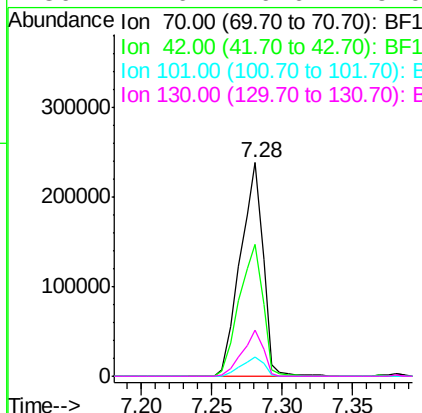




#19
n-Nitroso-di-n-propylamine
Concen: 31.794 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

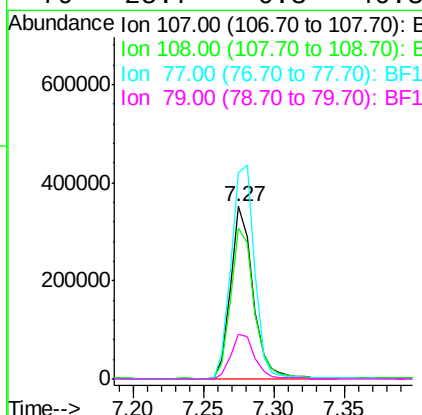
Instrument :
BNA_F
ClientSampled :

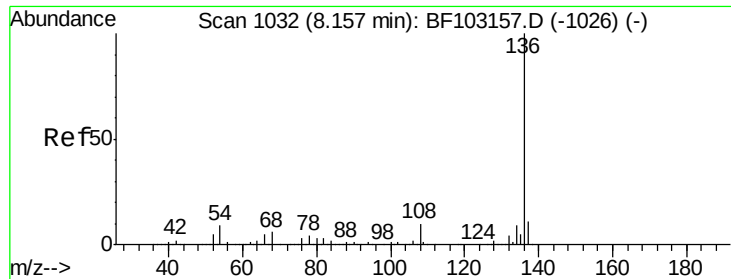
Tot Ion: 70 Resp: 268022
Ion Ratio Lower Upper
70 100
42 62.0 47.5 71.3
101 9.3 7.4 11.2
130 21.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.680 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion: 107 Resp: 390812
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 119.2 26.7 66.7#
79 25.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 710941

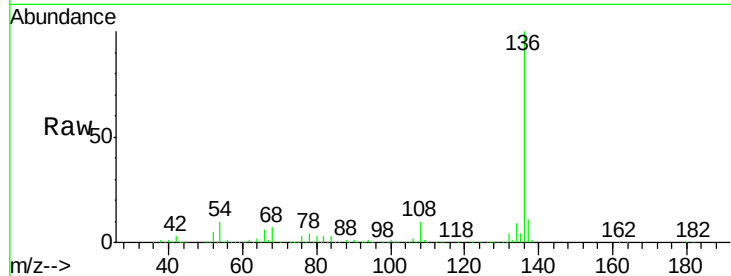
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 7.3 5.0 7.4

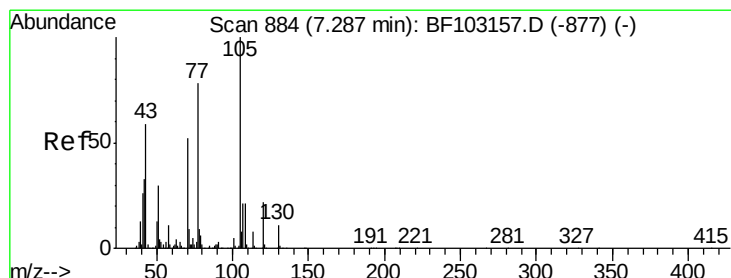
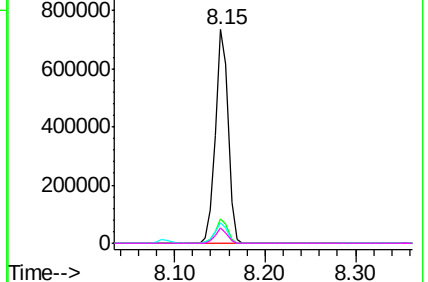
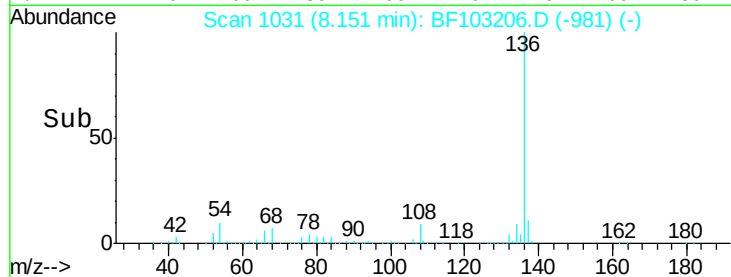


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.548 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:105 Resp: 523529

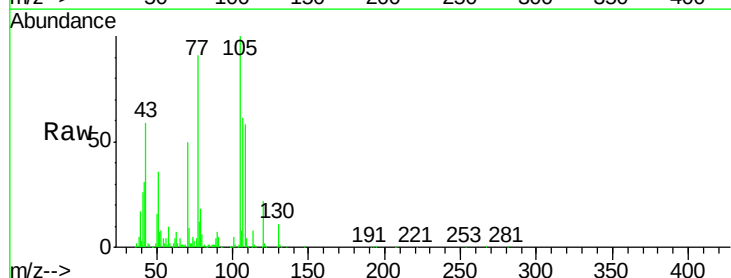
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 36.0 22.3 33.5#

120 21.5 16.9 25.3

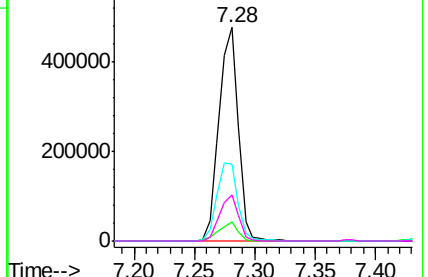
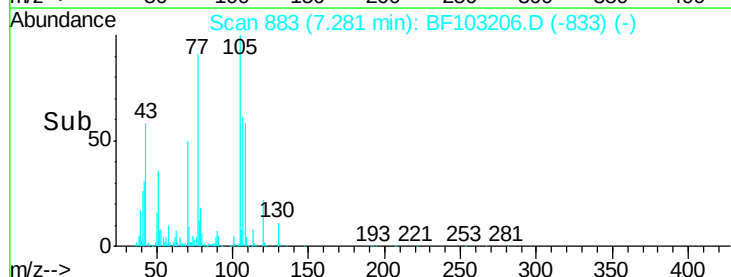


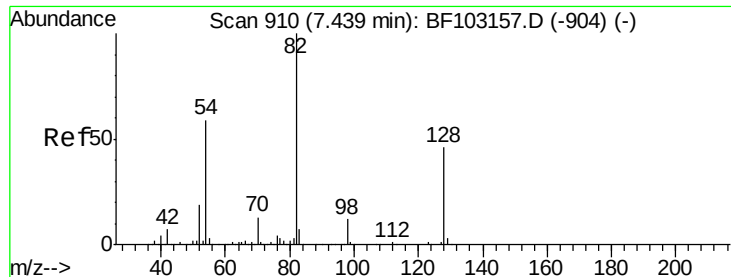
Abundance Ion 105.00 (104.70 to 105.70): E

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

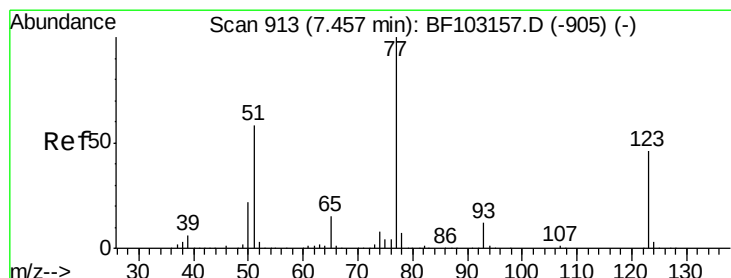
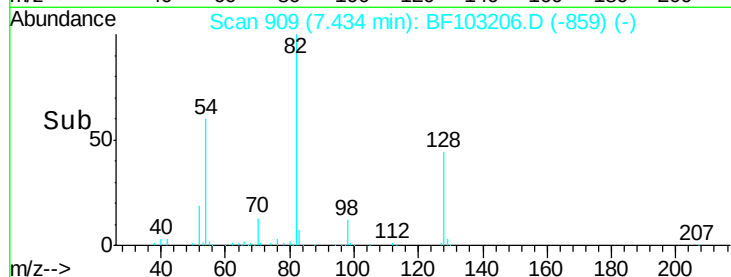
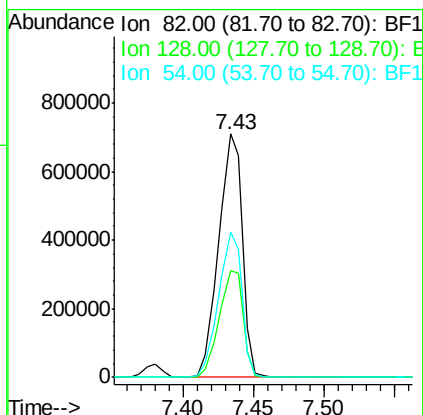
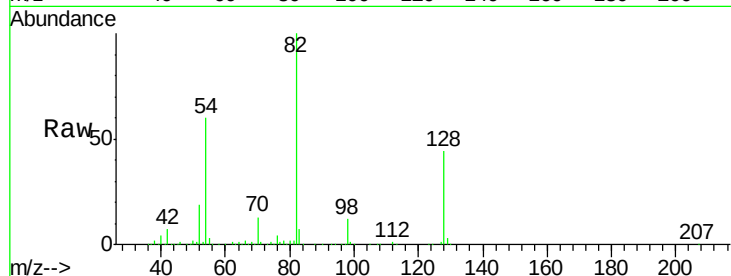




#23
 Nitrobenzene-d5
 Concen: 66.601 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

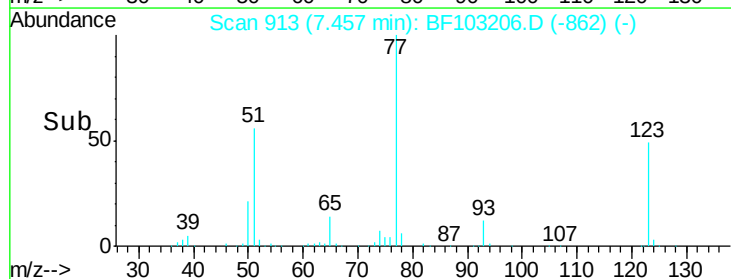
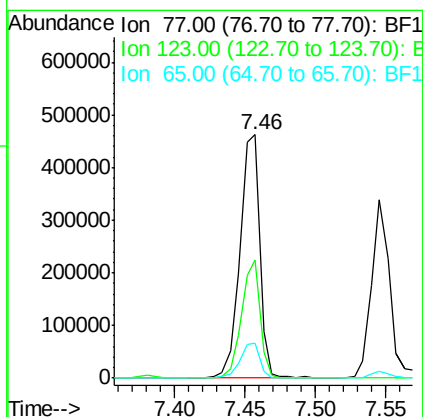
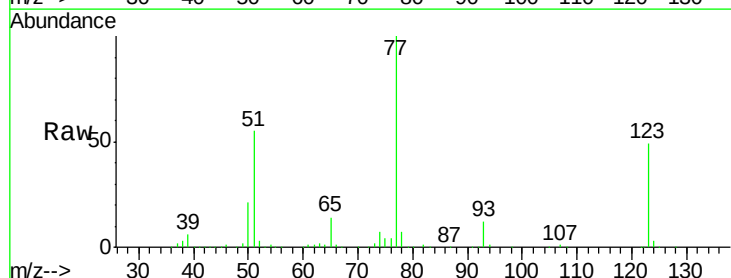
Instrument :
 BNA_F
 ClientSampleId :

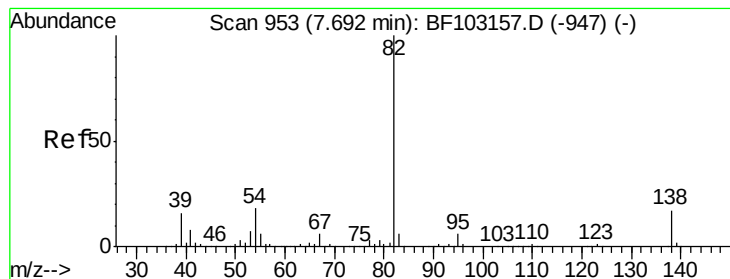
Tot Ion: 82 Resp: 829118
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 59.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 32.713 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion: 77 Resp: 448369
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.9 56.9
 65 14.3 11.0 16.4





#25

Isophorone

Concen: 33.471 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

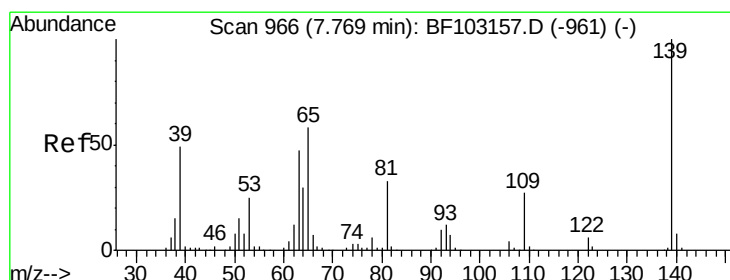
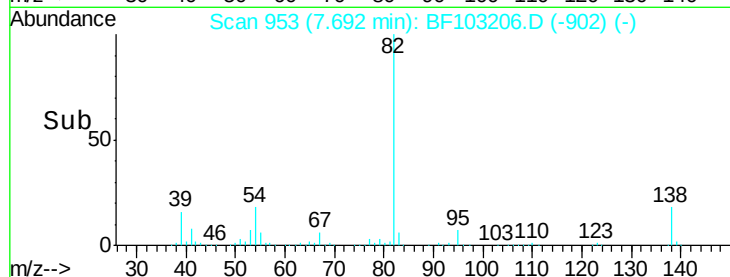
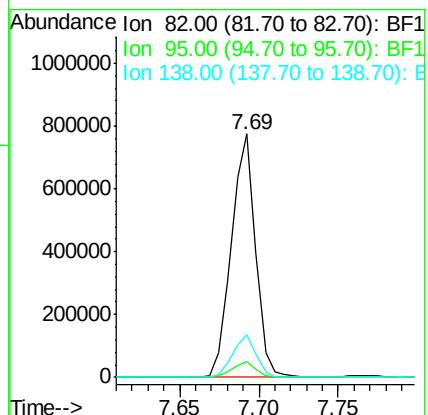
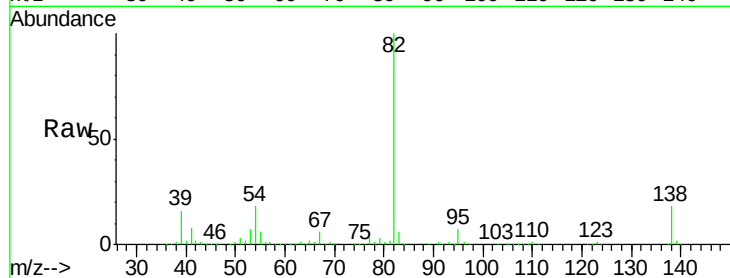
Tot Ion: 82 Resp: 820654

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 34.131 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

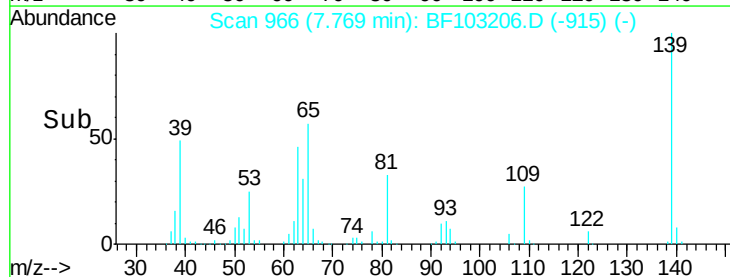
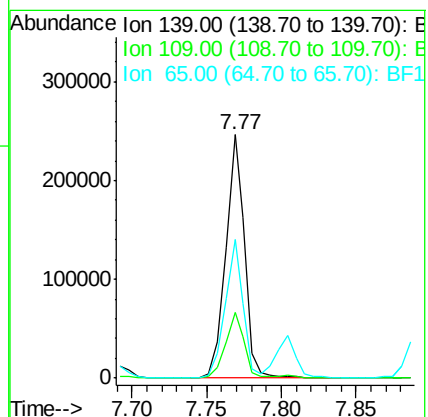
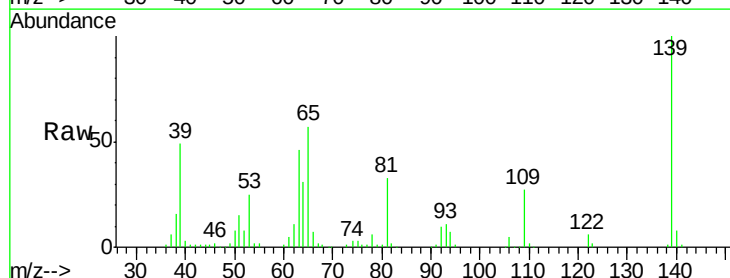
Tgt Ion: 139 Resp: 220229

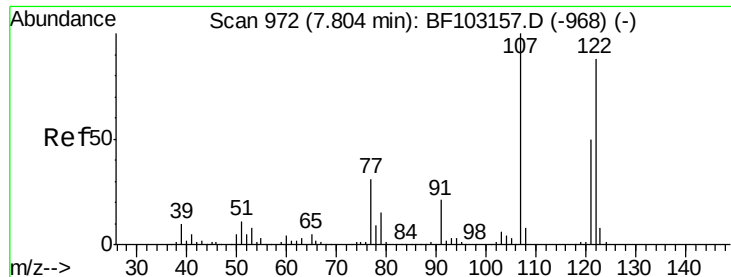
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 56.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.635 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampled :

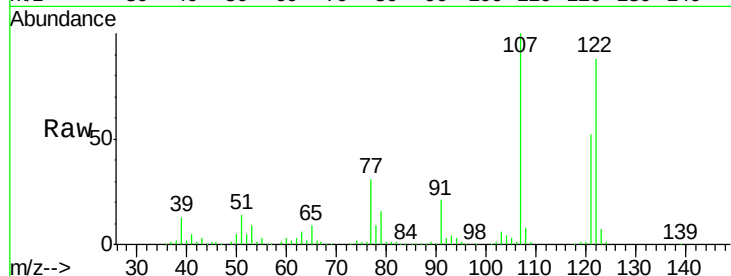
Tot Ion:122 Resp: 361321

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

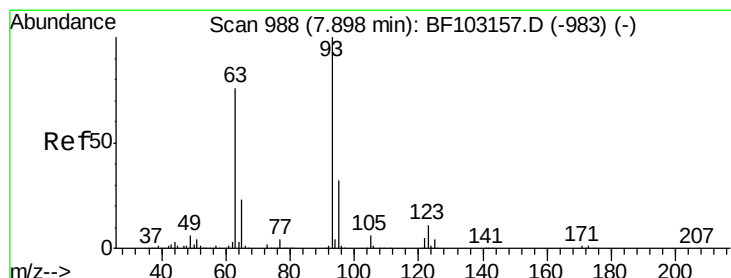
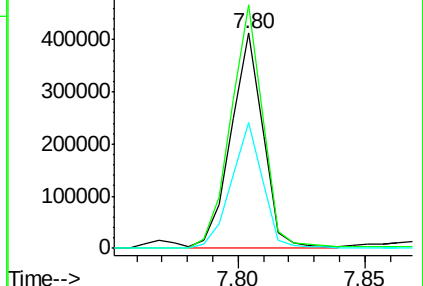
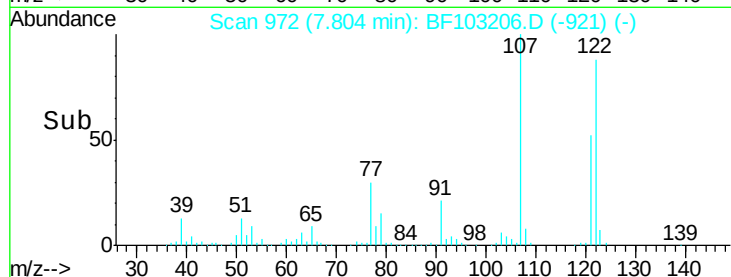
121 58.5 47.2 70.8



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: 35.336 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

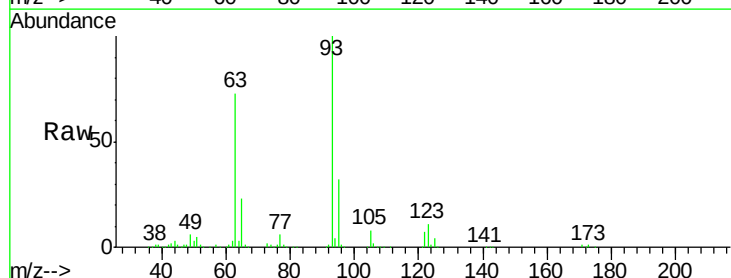
Tgt Ion: 93 Resp: 509382

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

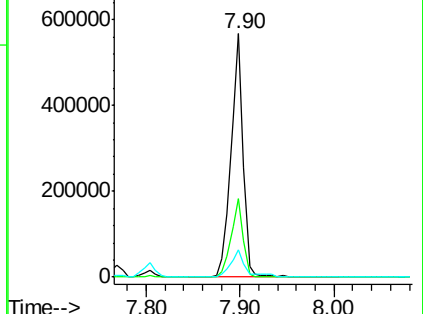
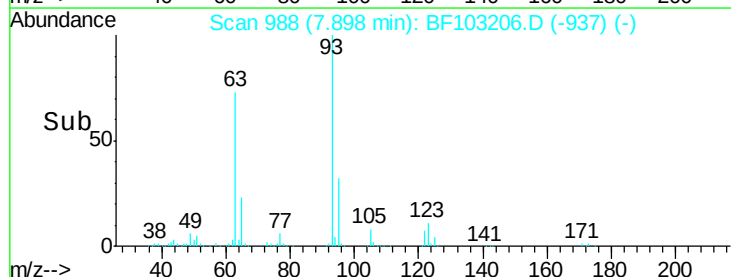
123 11.2 9.8 14.6

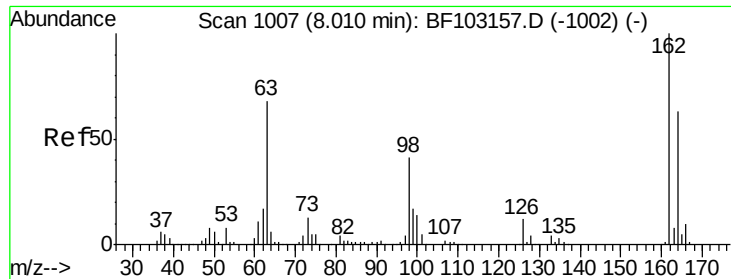


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

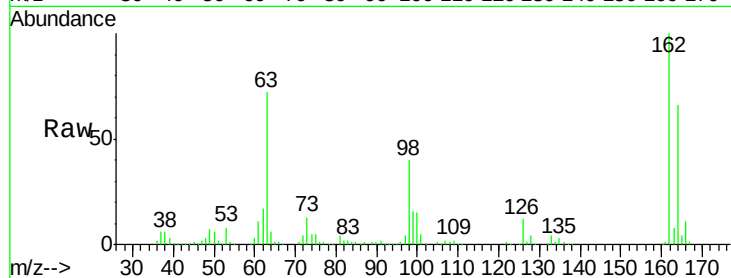




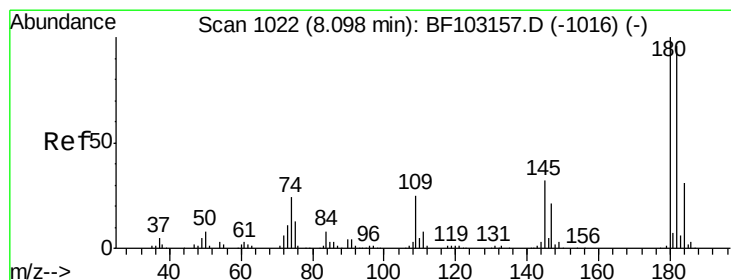
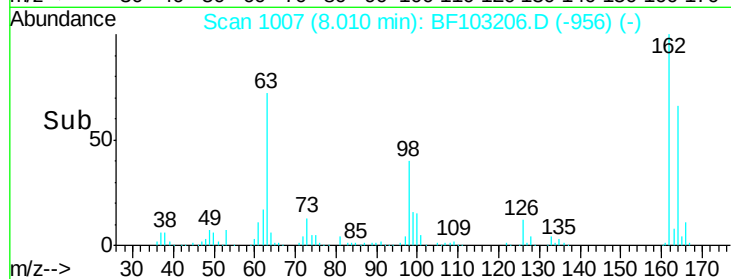
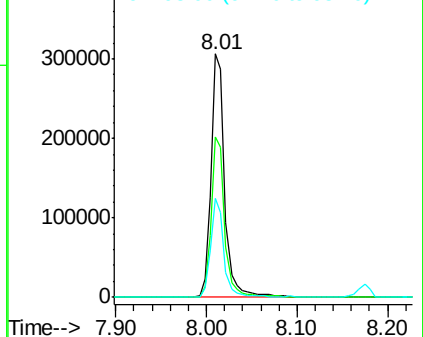
#29
 2,4-Dichlorophenol
 Concen: 34.623 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 326930
 Ion Ratio Lower Upper
 162 100
 164 65.6 42.7 82.7
 98 40.5 18.1 58.1

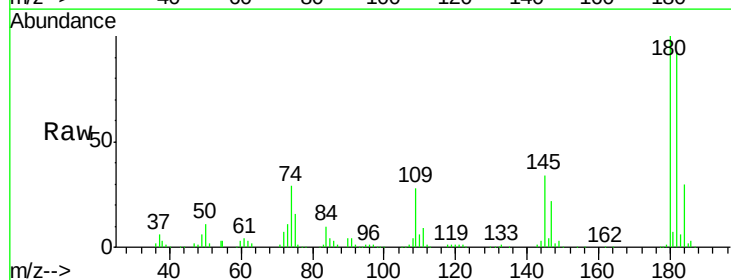


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

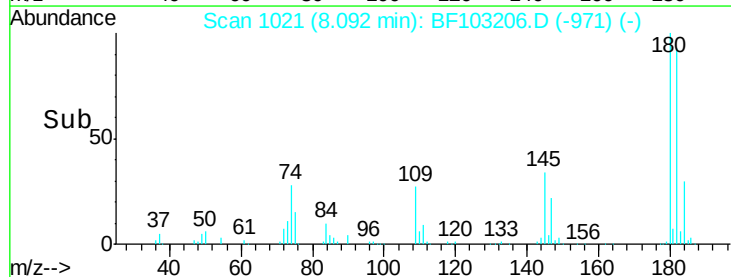
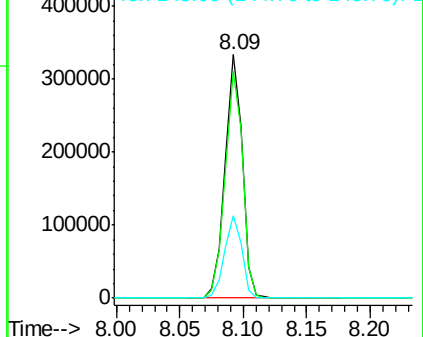


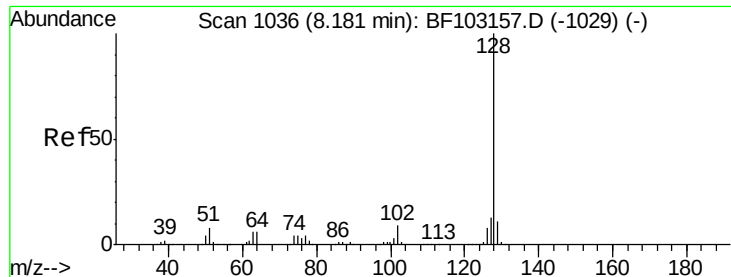
#30
 1,2,4-Trichlorobenzene
 Concen: 31.410 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:180 Resp: 315846
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.8 115.2
 145 33.7 26.5 39.7



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

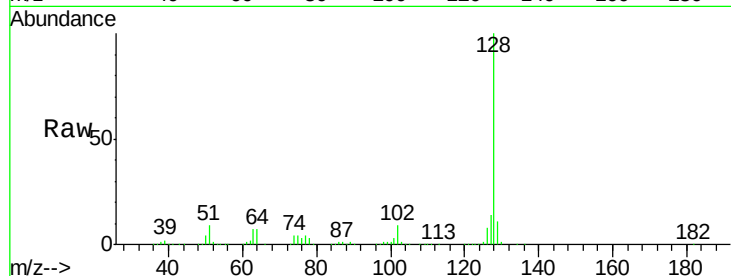




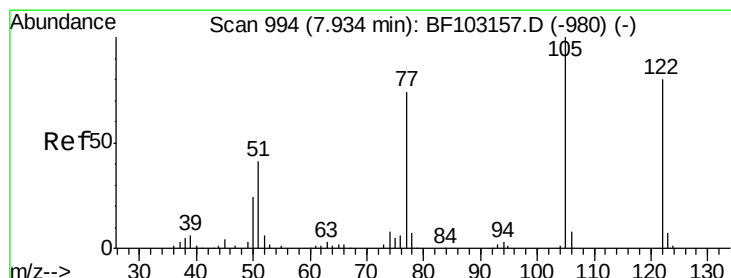
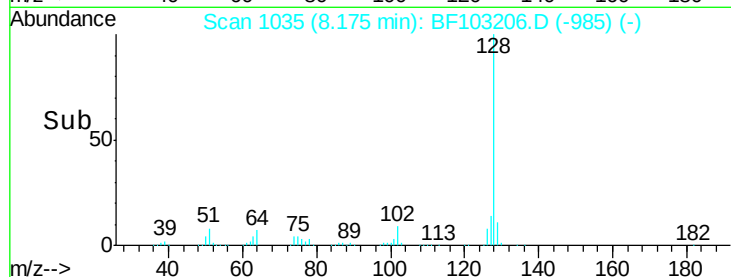
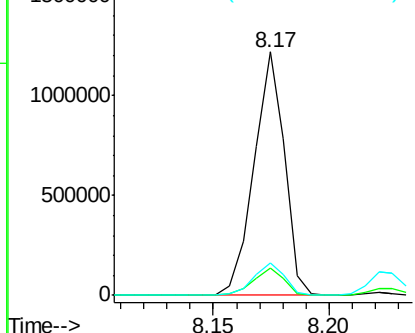
#31
Naphthalene
Concen: 32.257 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1122749
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

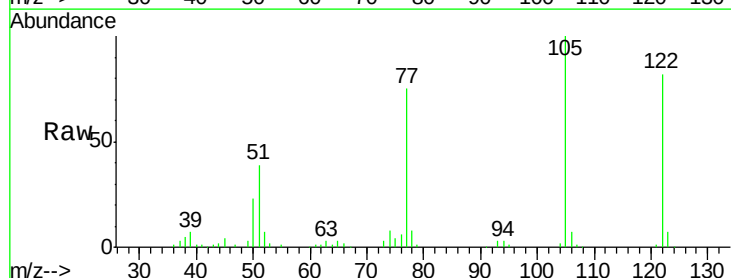


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

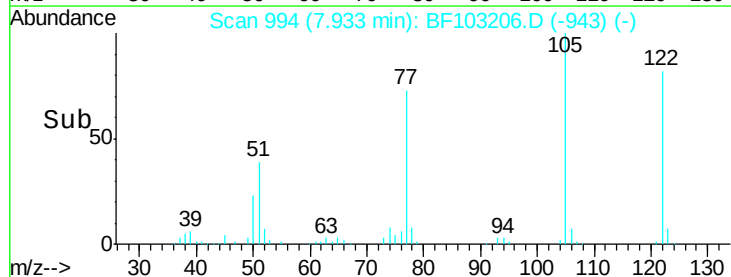
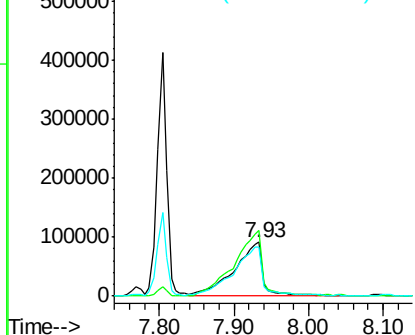


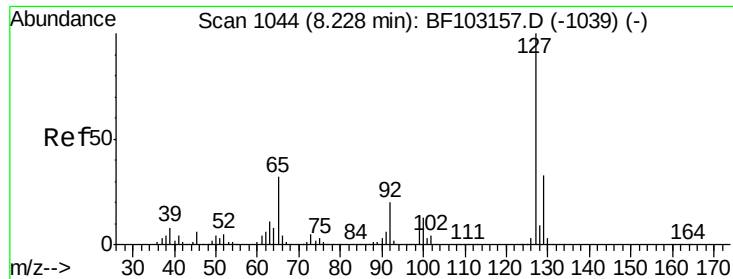
#32
Benzoic acid
Concen: 35.252 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:122 Resp: 242245
Ion Ratio Lower Upper
122 100
105 122.2 101.1 141.1
77 91.5 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

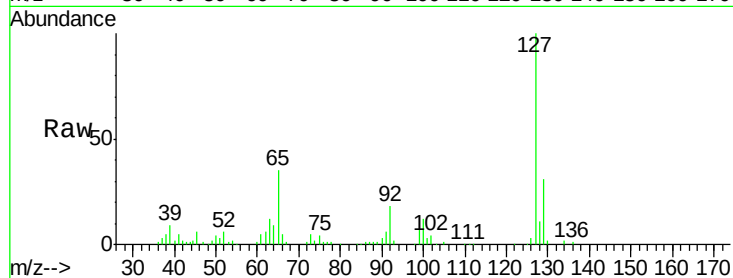




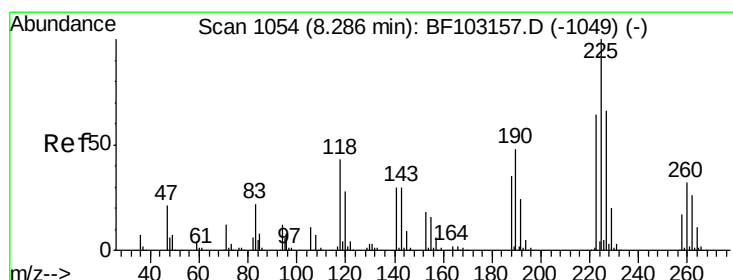
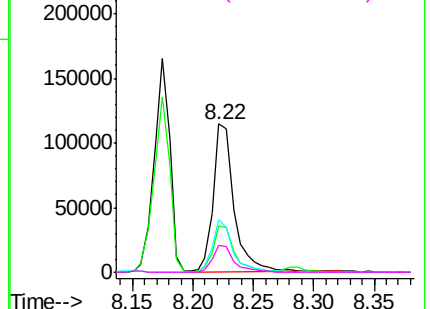
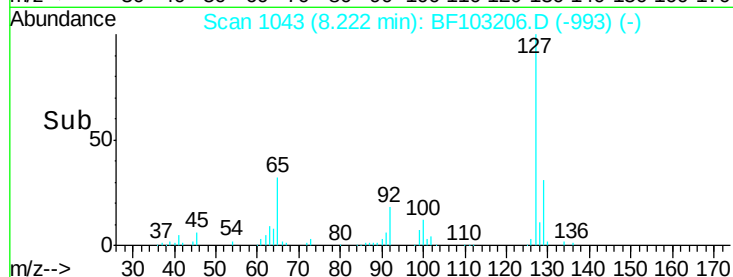
#33
4-Chloroaniline
Concen: 9.162 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	137606
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	35.4	25.0	37.4
92	18.3	15.2	22.8

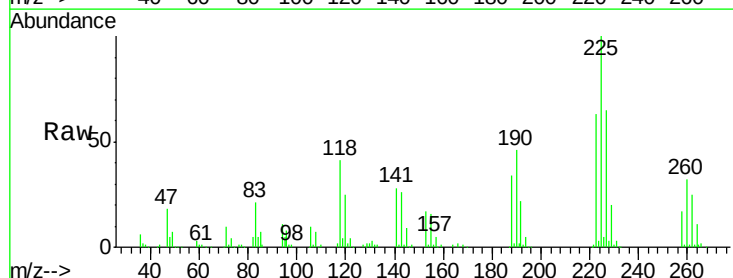


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

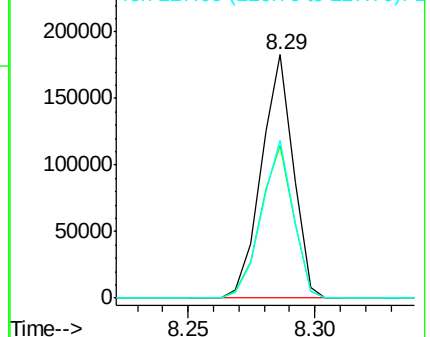
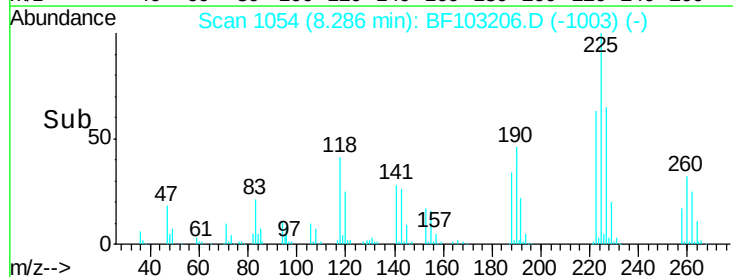


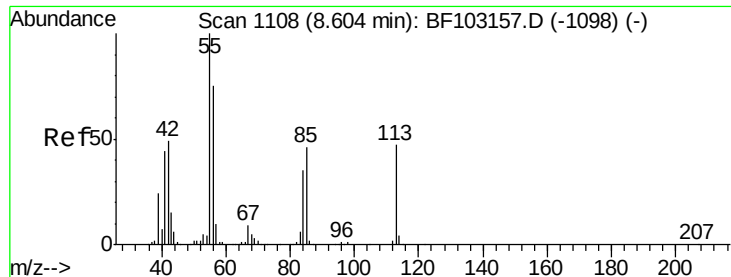
#34
Hexachlorobutadiene
Concen: 30.408 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:	225	Resp:	159227
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	65.0	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

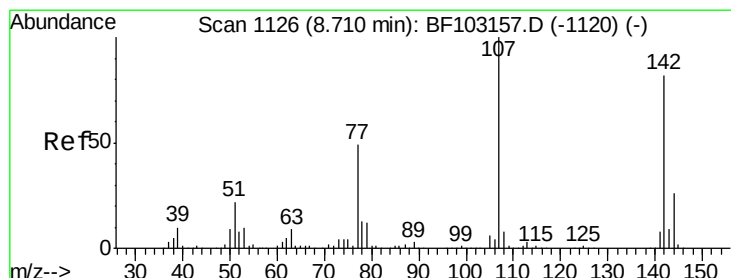
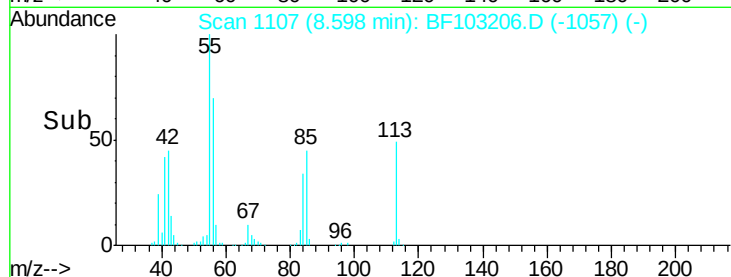
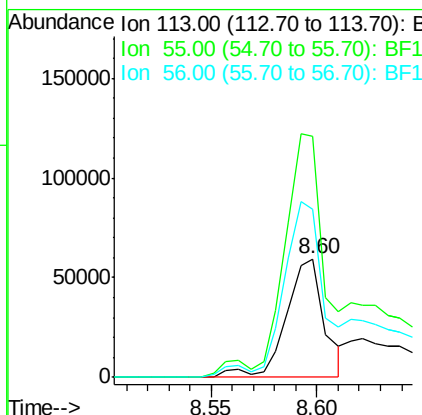
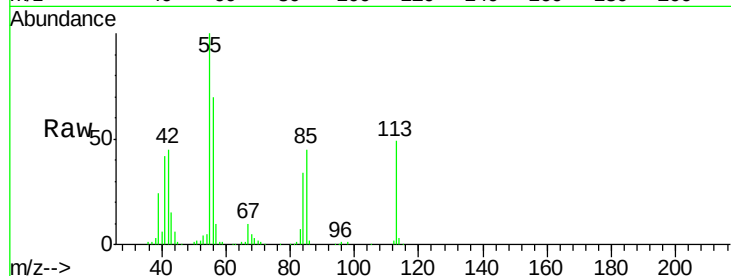




#35
Caprolactam
Concen: 22.591 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

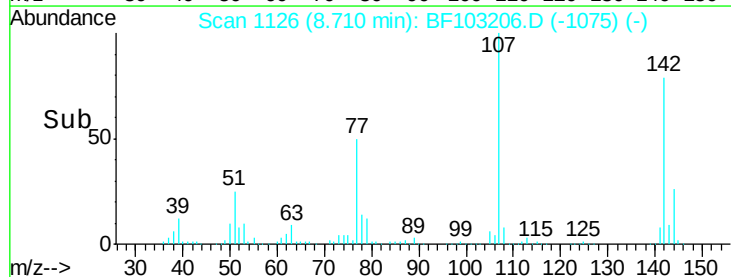
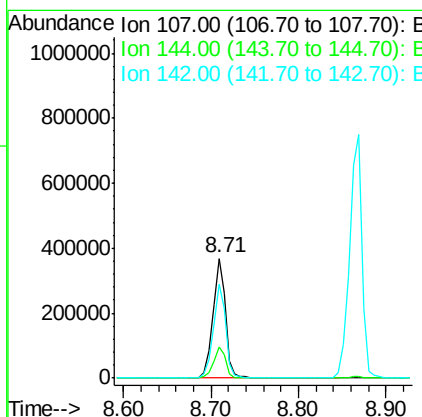
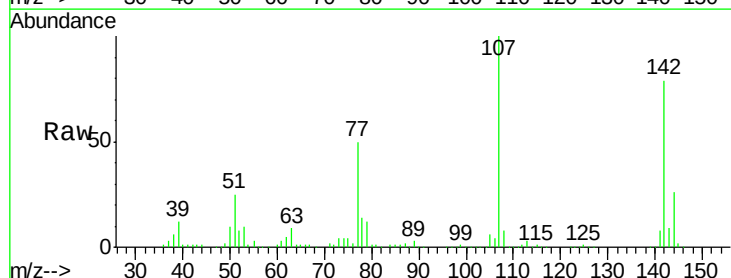
Instrument :
BNA_F
ClientSampled :

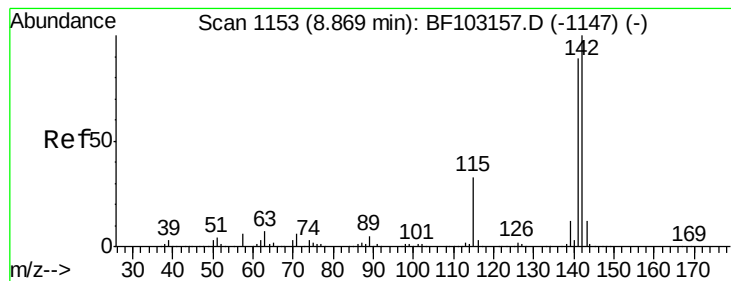
Tot Ion:113 Resp: 74973
Ion Ratio Lower Upper
113 100
55 203.3 163.3 203.3#
56 142.2 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 34.686 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:107 Resp: 369424
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 78.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 32.883 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

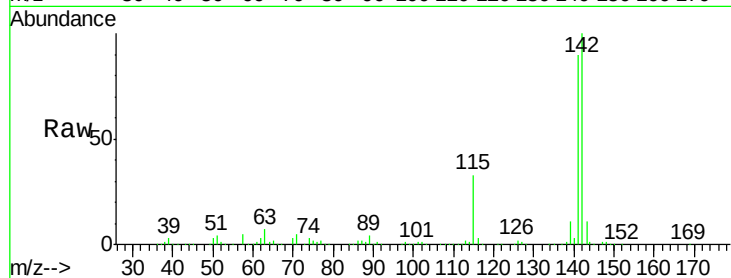
Tot Ion:142 Resp: 739687

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

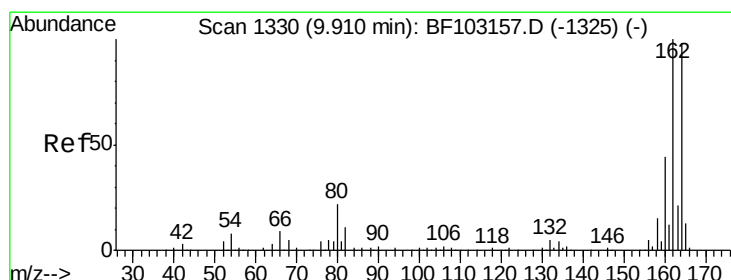
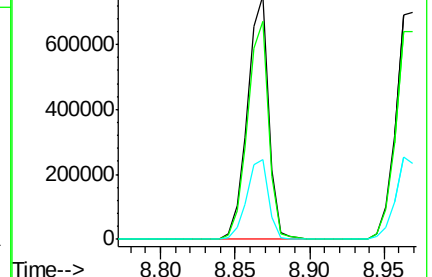
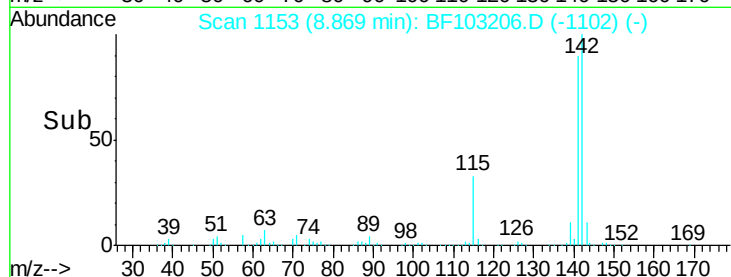
115 32.6 26.1 39.1



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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

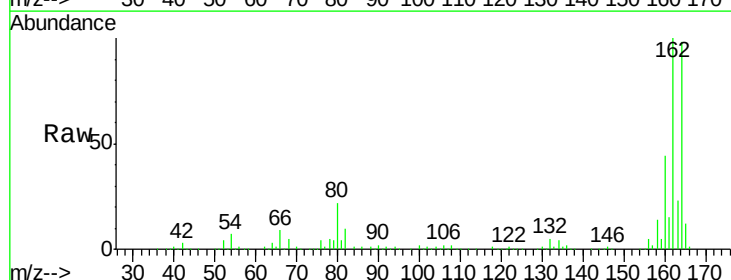
Tgt Ion:164 Resp: 322364

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

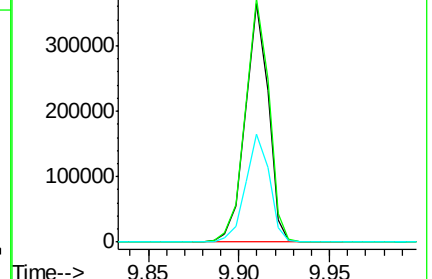
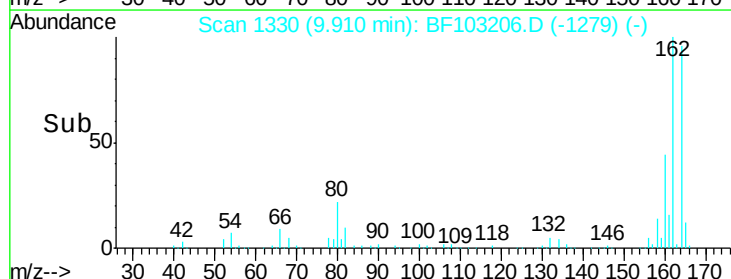
160 45.0 38.3 57.5

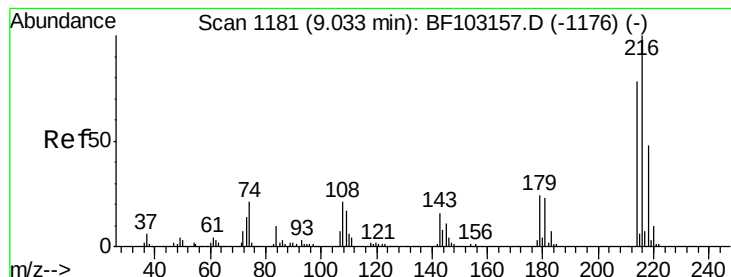


Abundance Ion 164.00 (163.70 to 164.70): E

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: 31.737 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 279690

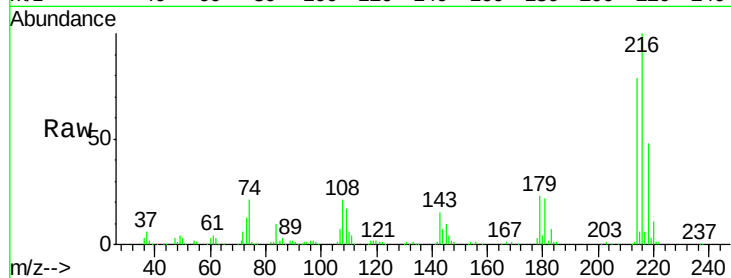
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 23.1 18.1 27.1

108 24.6 17.2 25.8

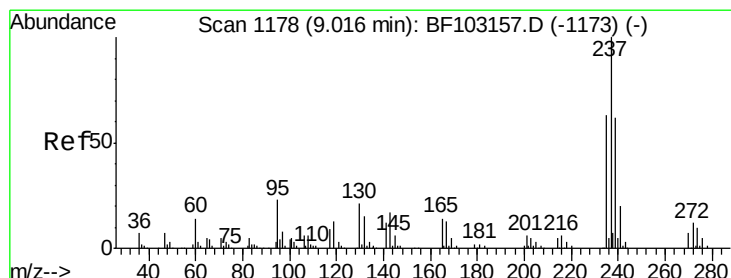
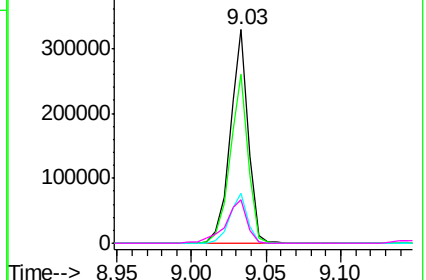
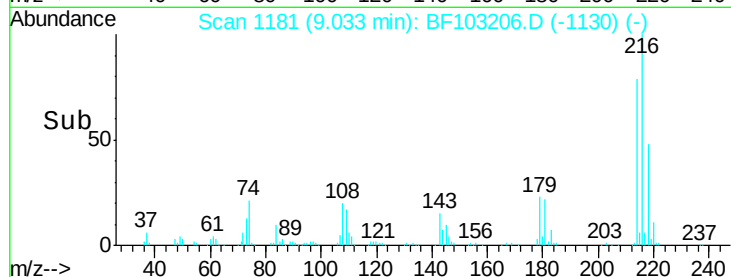


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.618 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

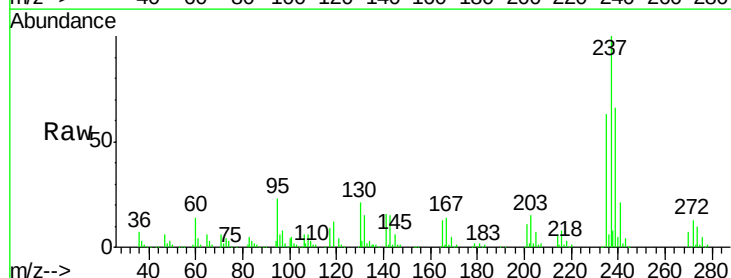
Tgt Ion:237 Resp: 194759

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

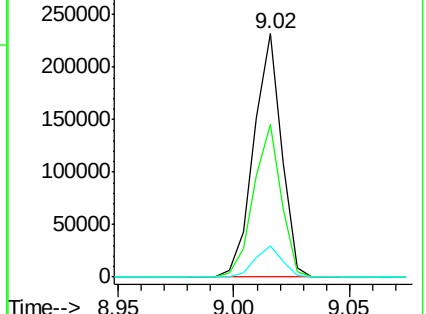
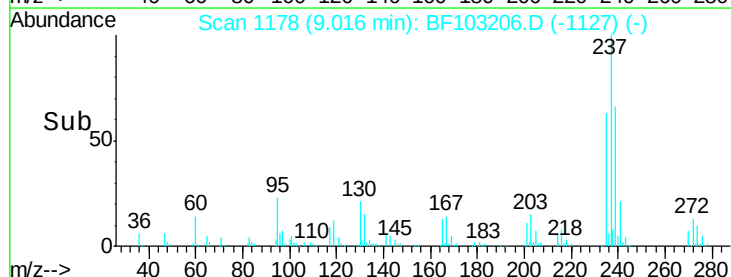
272 12.7 0.0 33.3

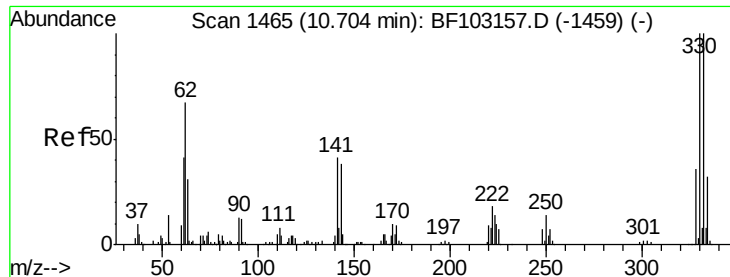


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

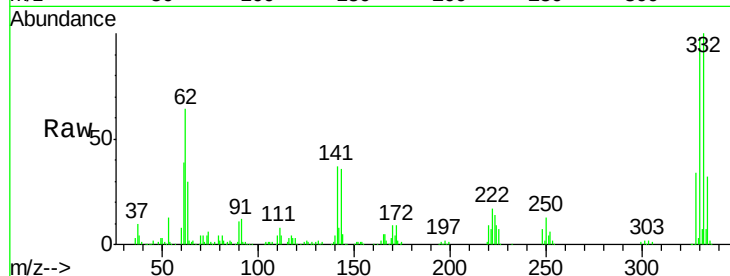




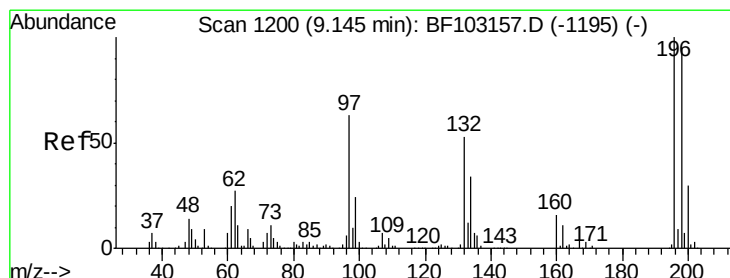
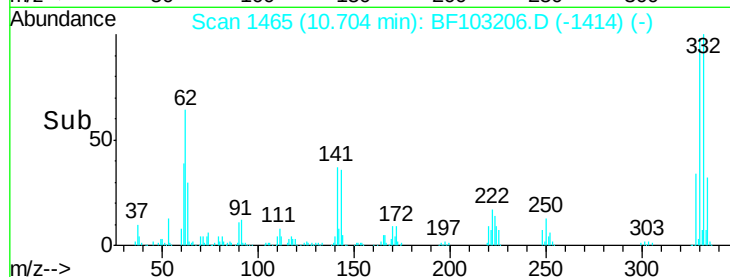
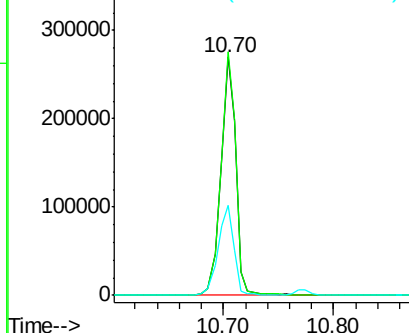
#41
 2,4,6-Tribromophenol
 Concen: 94.099 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	39.4	29.9	44.9

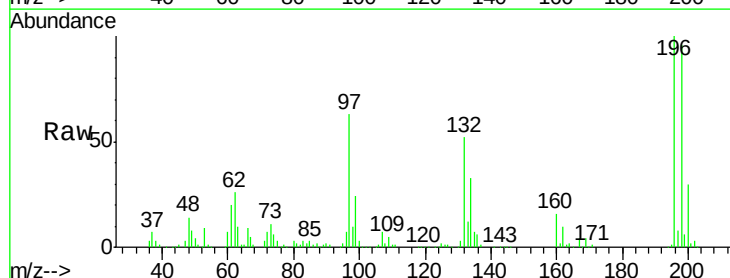


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

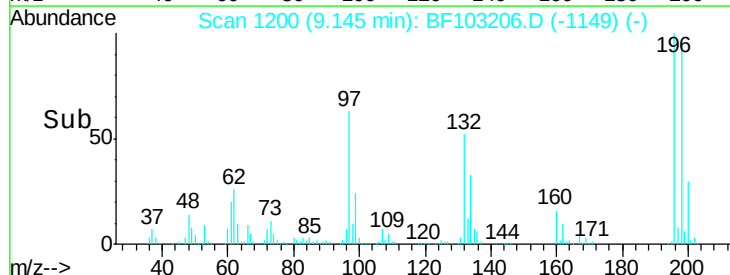
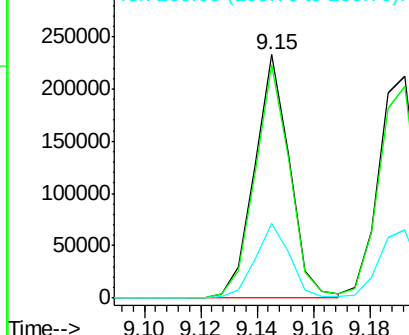


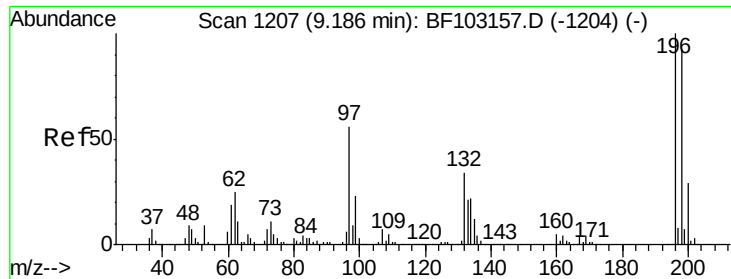
#42
 2,4,6-Trichlorophenol
 Concen: 33.787 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	30.4	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

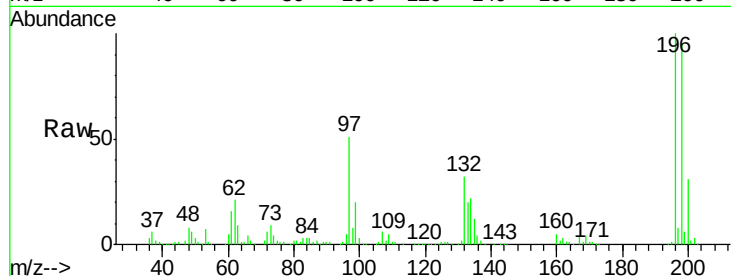




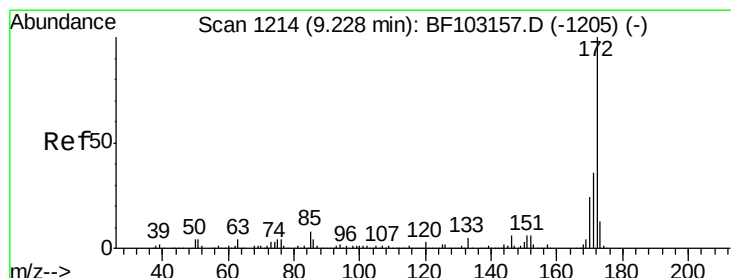
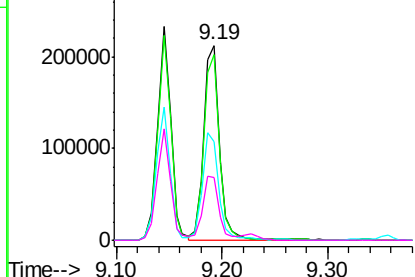
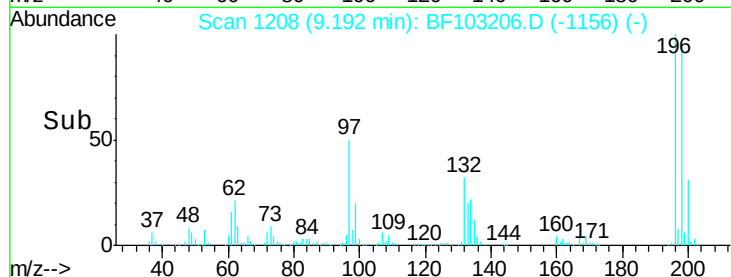
#43
 2,4,5-Trichlorophenol
 Concen: 32.083 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 218813
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 50.6 42.9 64.3
 132 32.0 26.3 39.5

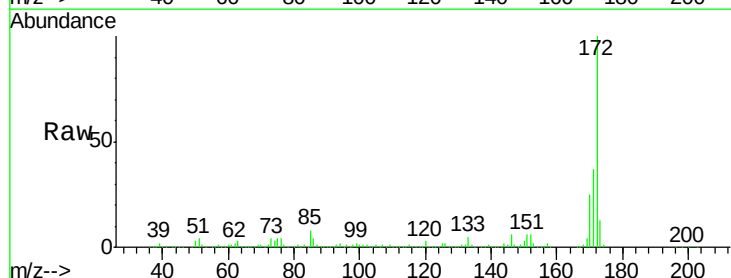


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

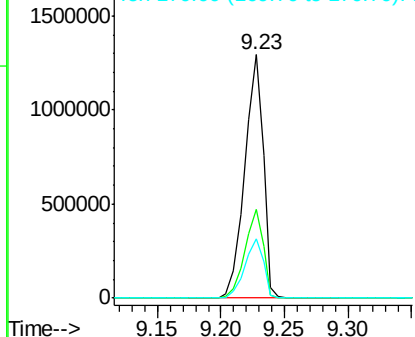
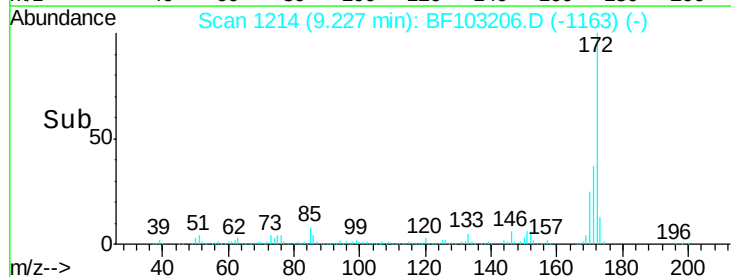


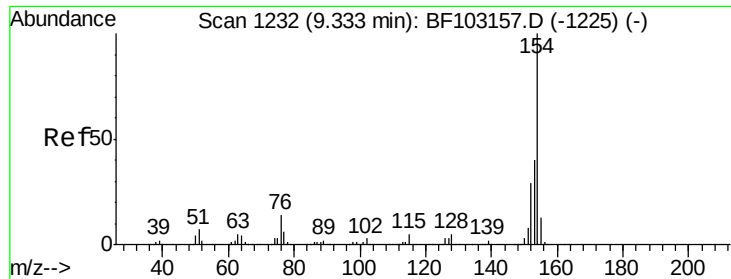
#44
 2-Fluorobiphenyl
 Concen: 65.906 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:172 Resp: 1302193
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 31.303 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

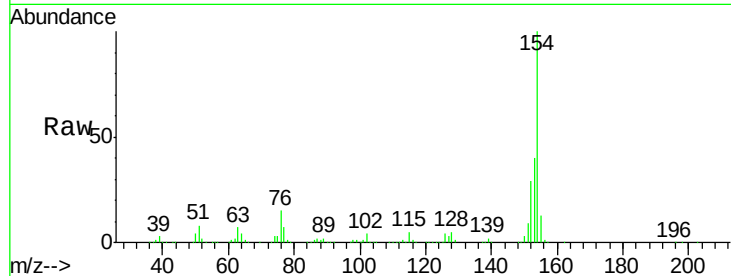
Tot Ion:154 Resp: 845582

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

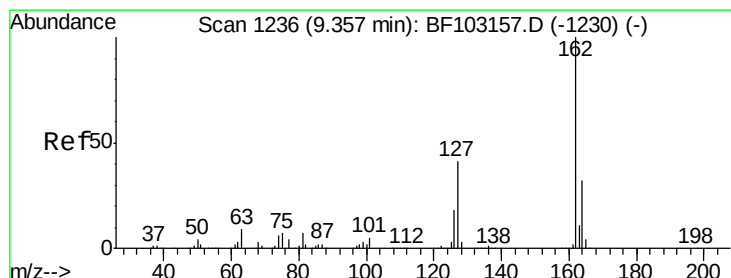
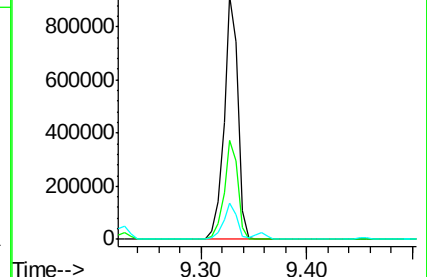
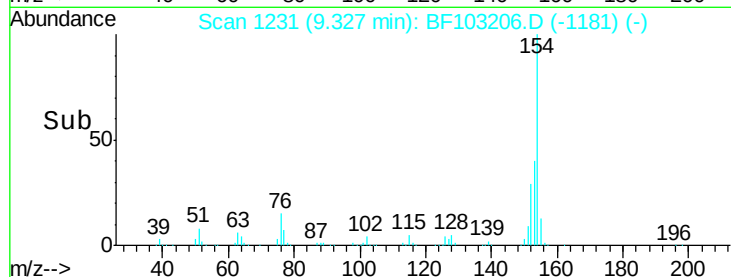
76 15.0 0.0 34.0



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: 31.811 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

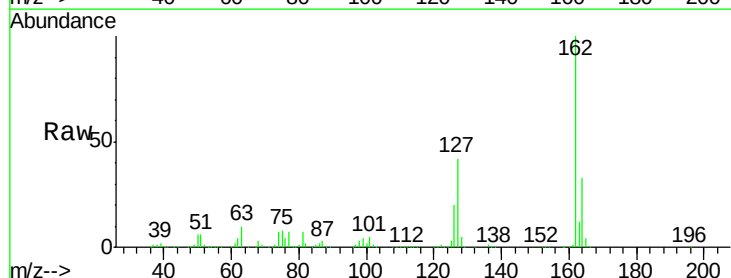
Tgt Ion:162 Resp: 679809

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

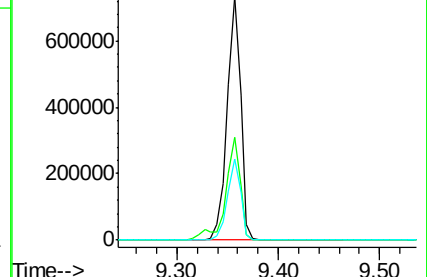
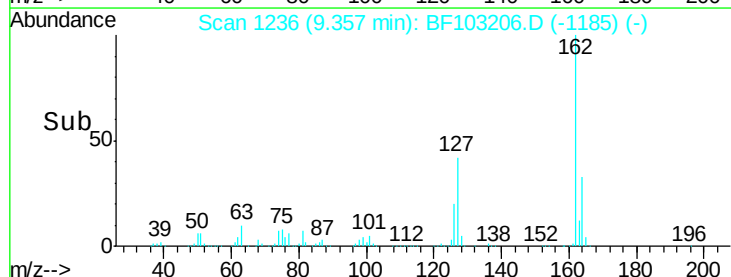
164 33.1 26.5 39.7

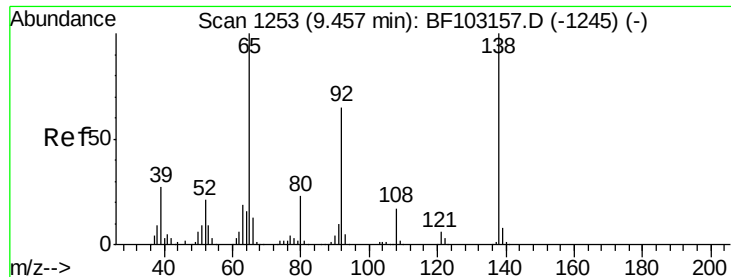


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

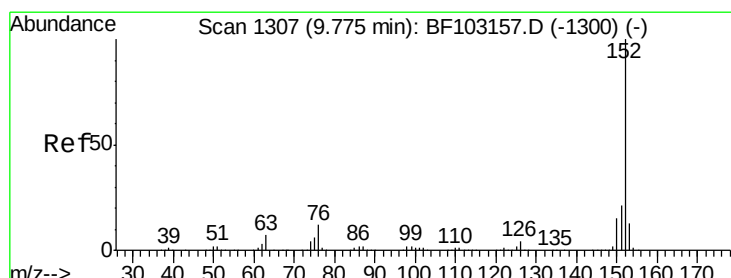
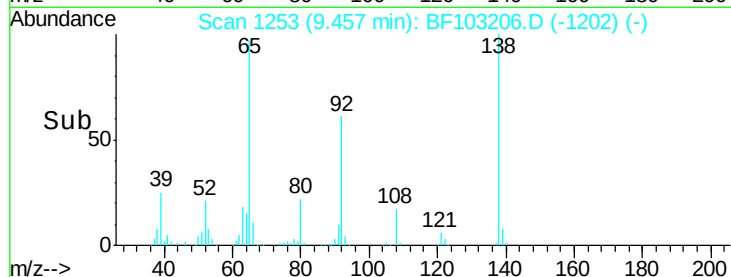
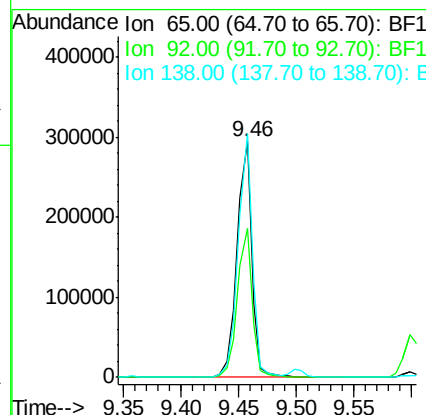
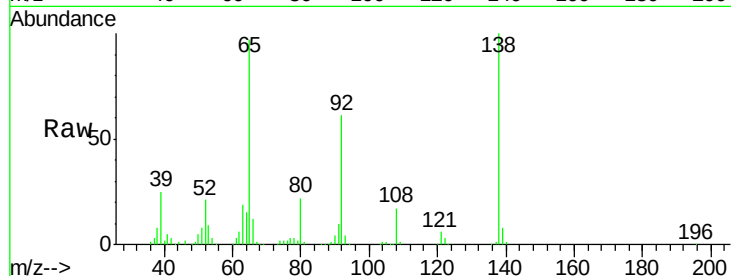




#47
 2-Nitroaniline
 Concen: 33.300 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

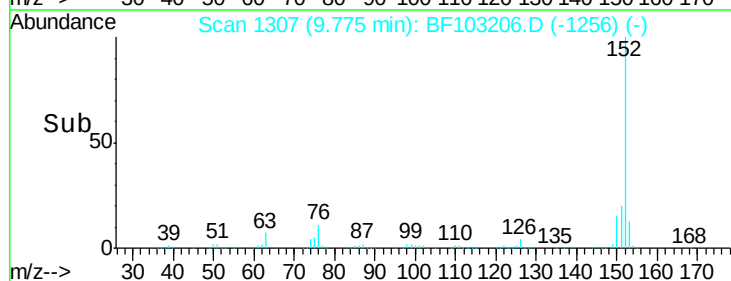
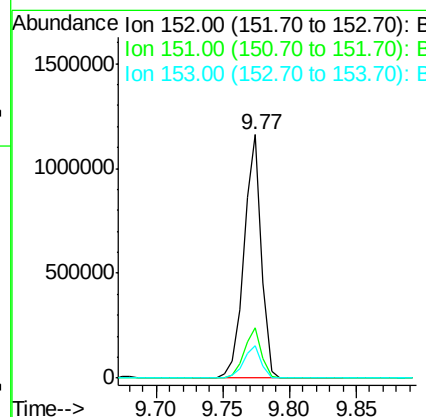
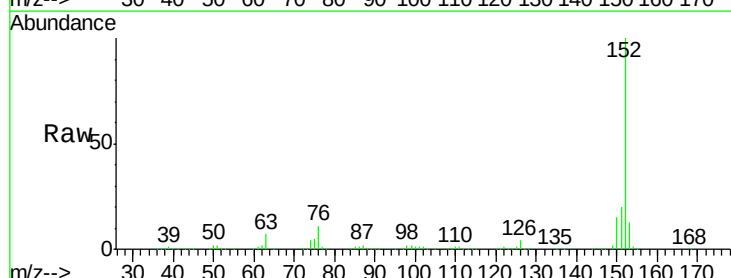
Instrument :
 BNA_F
 ClientSampleId :

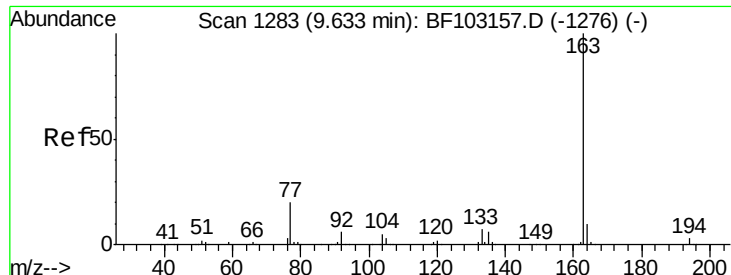
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	55.8	83.6
138	103.4	91.2	136.8



#48
 Acenaphthylene
 Concen: 31.700 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1

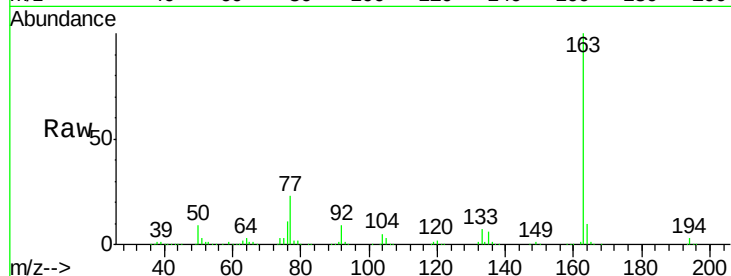




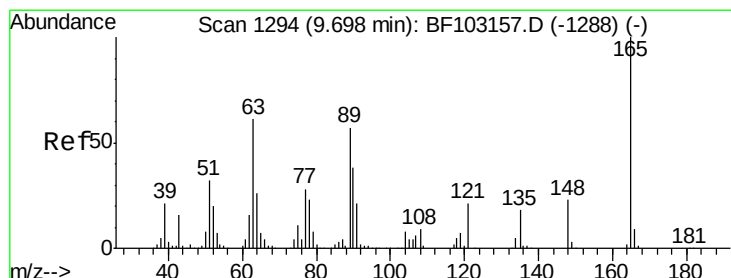
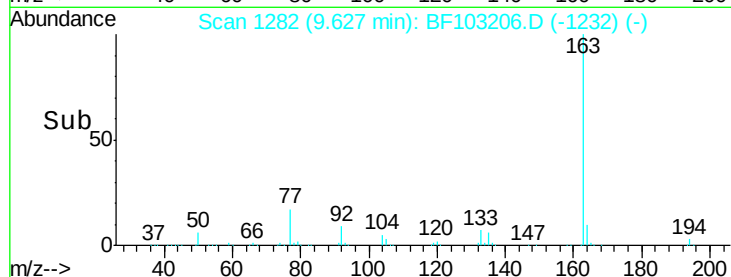
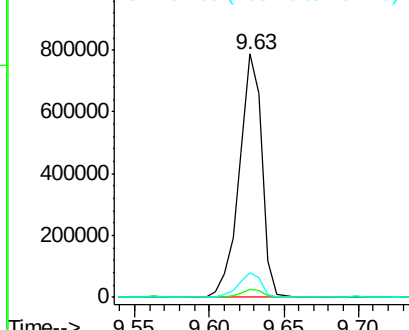
#49
Dimethylphthalate
Concen: 31.906 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 825105
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

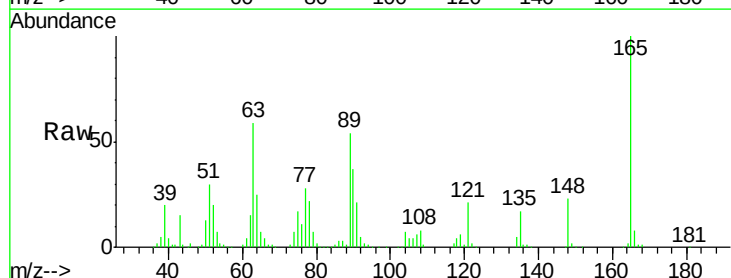


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

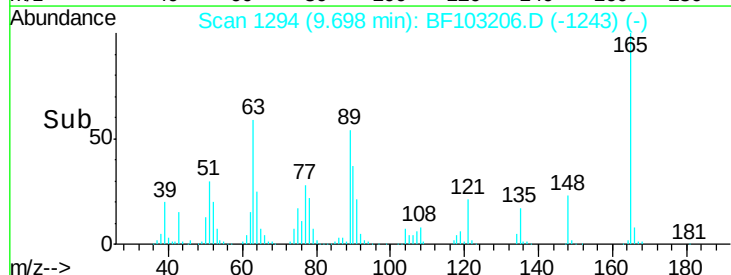
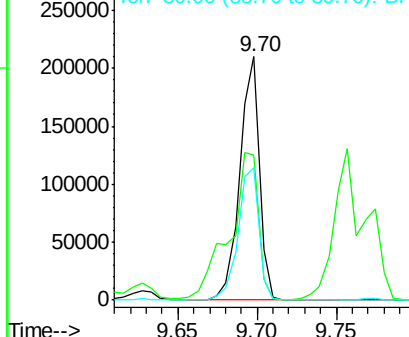


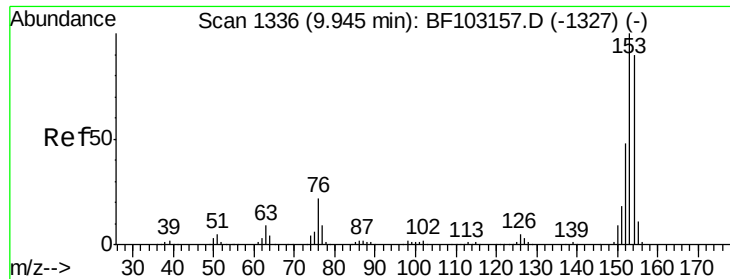
#50
2,6-Dinitrotoluene
Concen: 33.116 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:165 Resp: 179719
Ion Ratio Lower Upper
165 100
63 59.4 44.7 67.1
89 54.1 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: 31.317 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

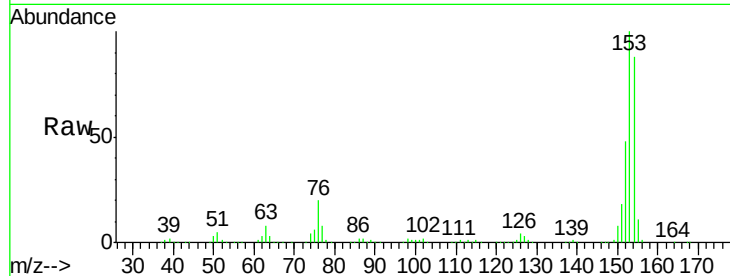
Tot Ion:154 Resp: 600453

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

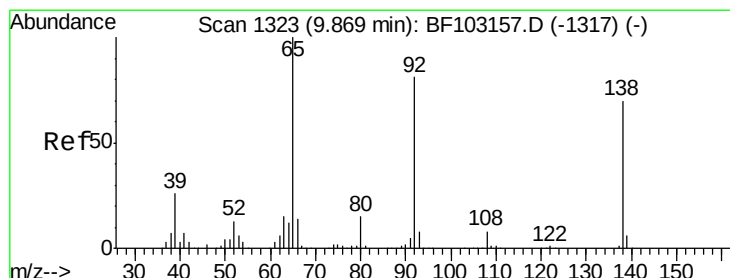
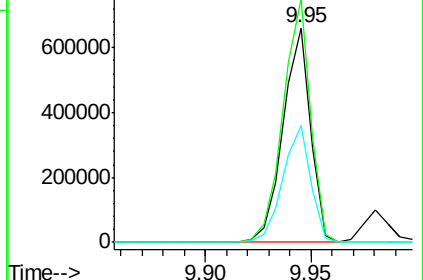
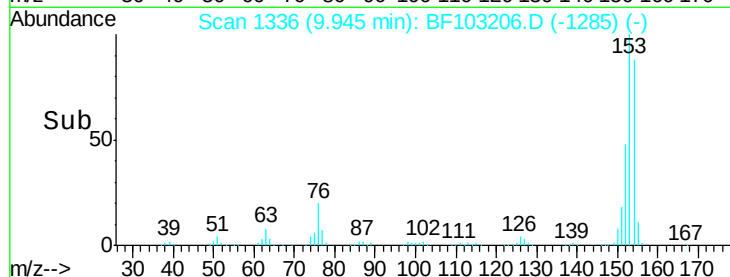
152 54.5 43.8 65.8



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: 15.349 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

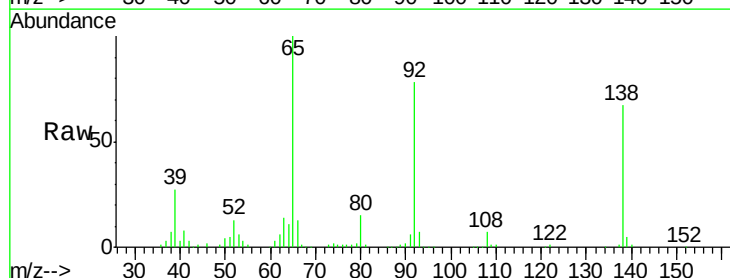
Tgt Ion:138 Resp: 105682

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

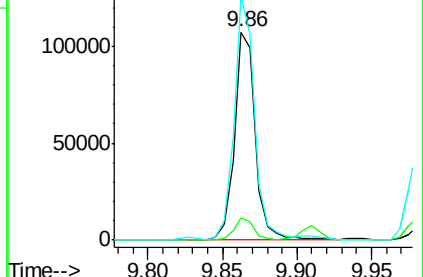
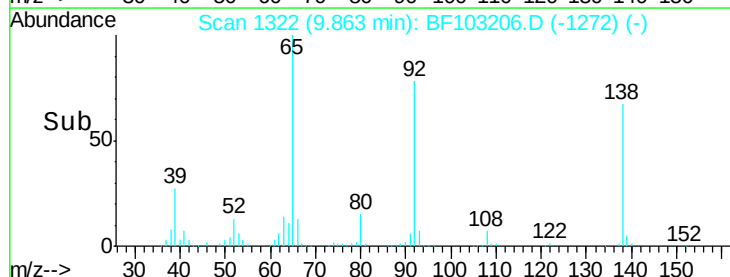
92 117.1 89.4 134.2

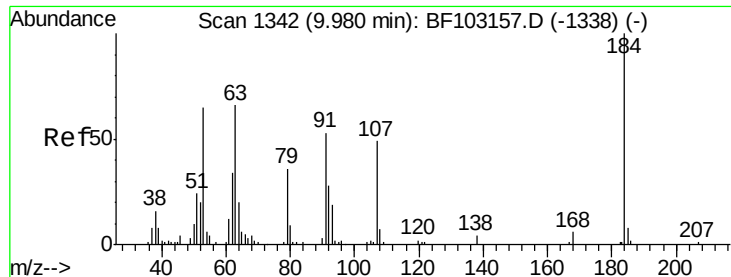


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

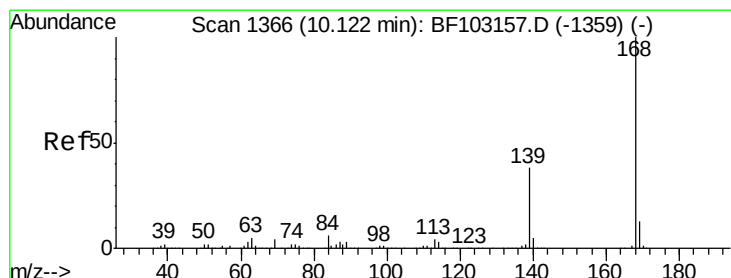
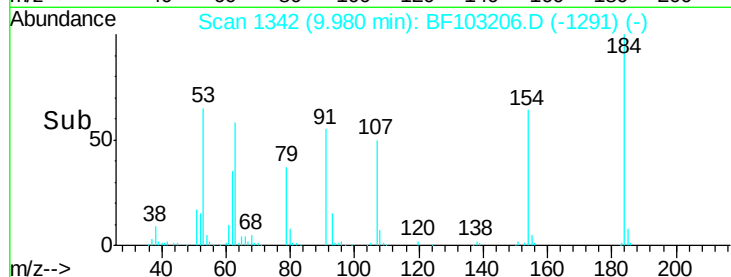
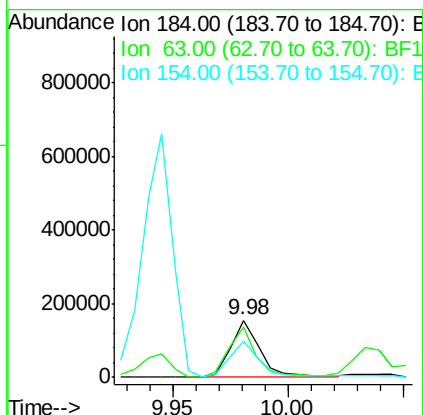
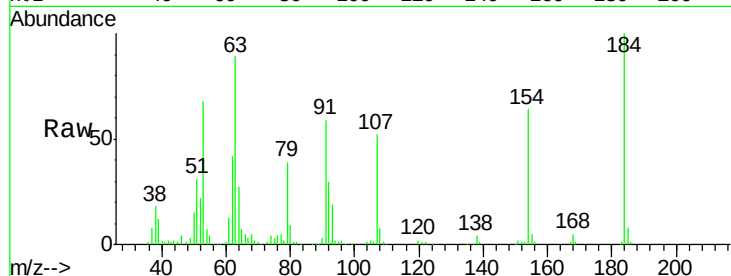




#53
 2,4-Dinitrophenol
 Concen: 72.165 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

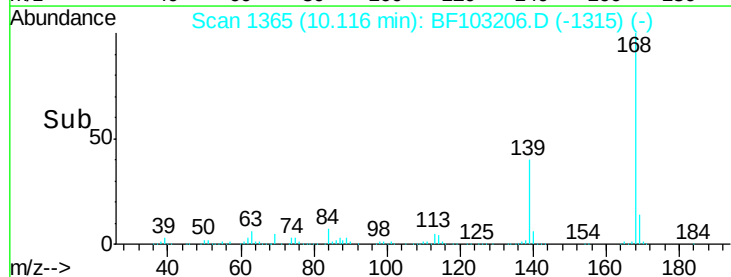
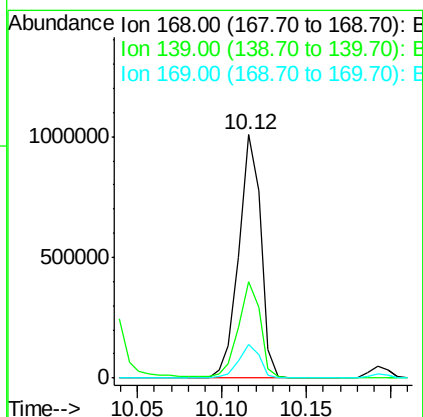
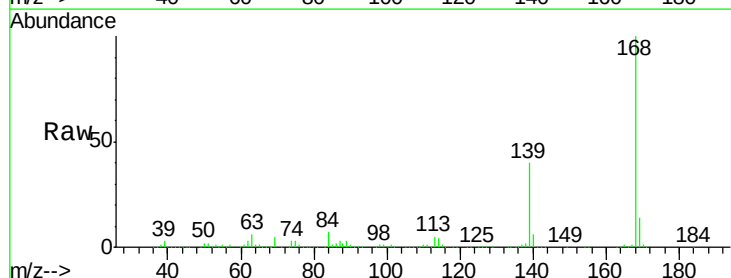
Instrument :
 BNA_F
 ClientSampled :

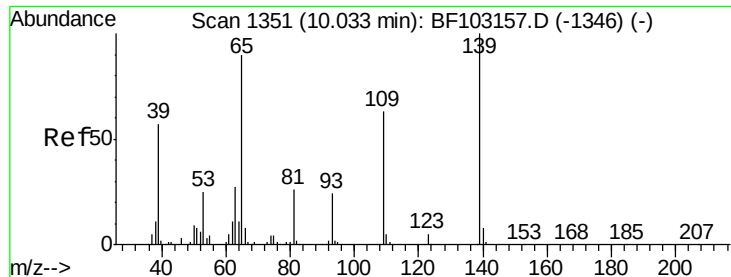
Tot Ion:184 Resp: 139364
 Ion Ratio Lower Upper
 184 100
 63 88.5 54.2 81.2#
 154 63.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.785 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:168 Resp: 915533
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.9 10.9 16.3

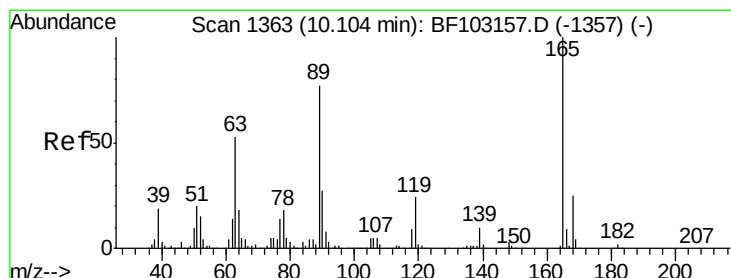
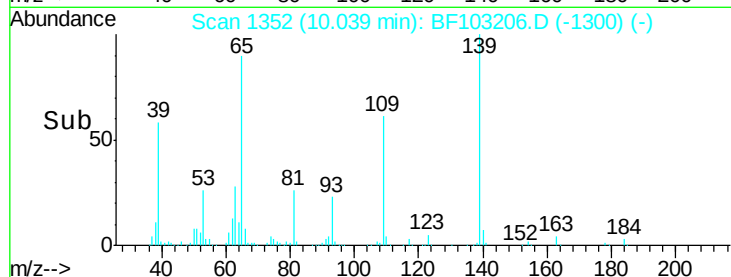
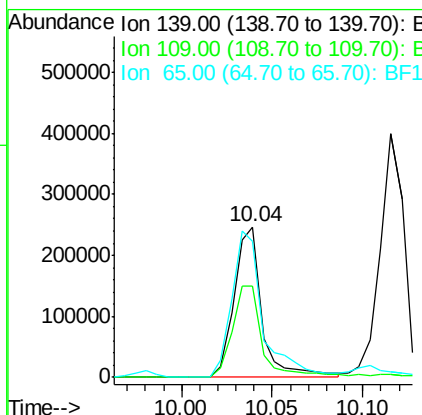
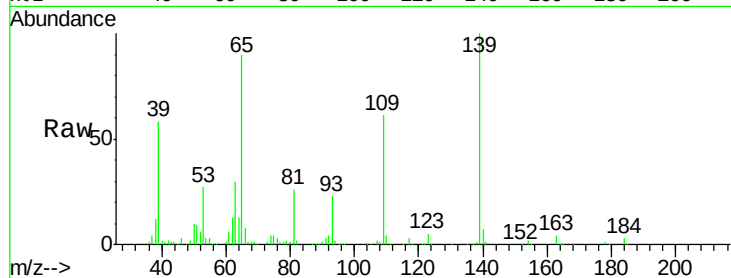




#55
4-Nitrophenol
Concen: 62.039 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

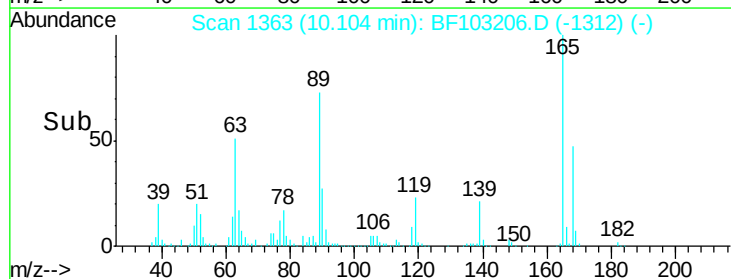
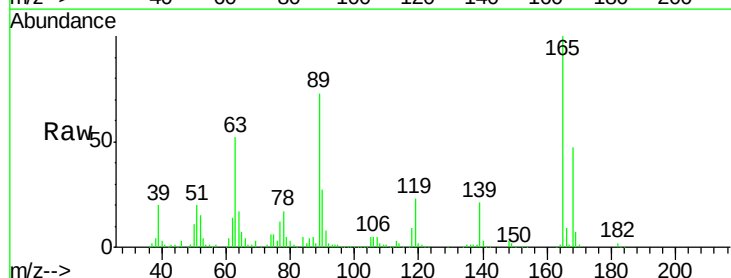
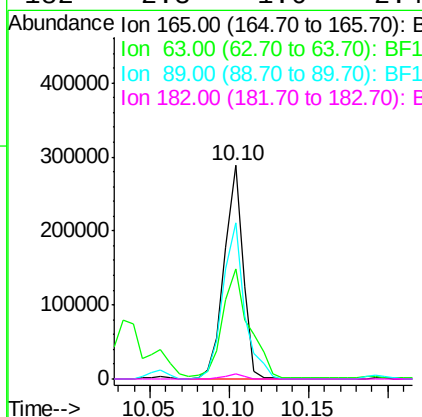
Instrument :
BNA_F
ClientSampleId :

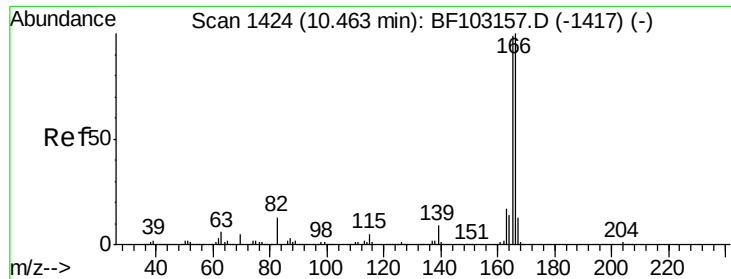
Tot Ion	Ratio	Lower	Upper
139	100		
109	60.7	48.4	88.4
65	90.2	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 34.795 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.6	36.4	54.6
89	73.1	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 30.751 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

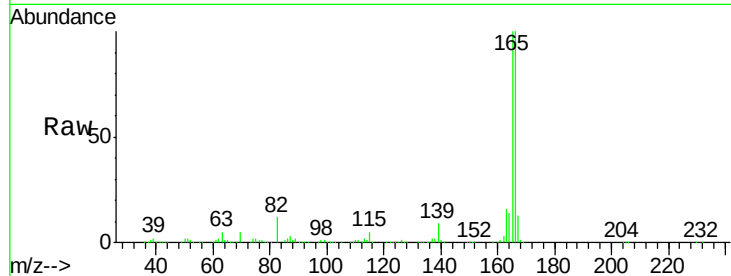
Tot Ion:166 Resp: 689469

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

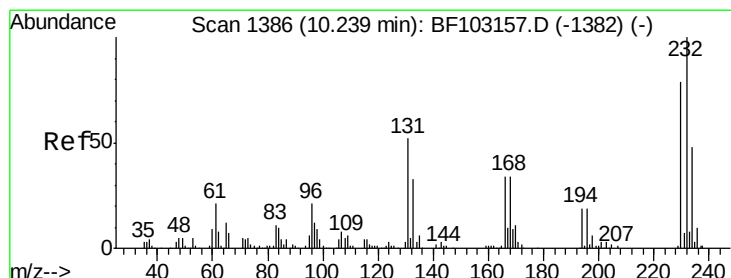
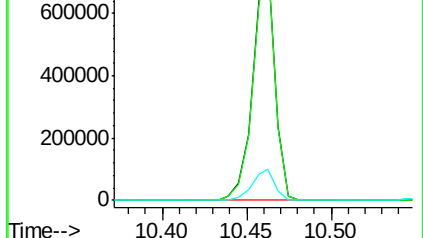
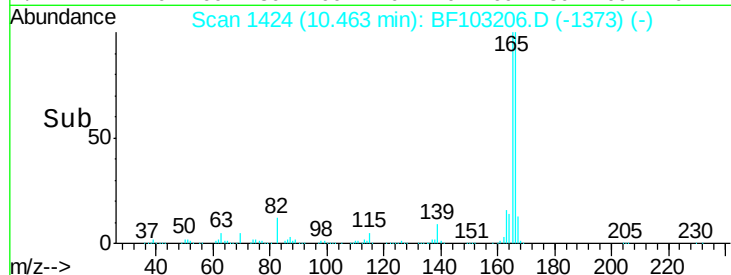
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.543 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:232 Resp: 162844

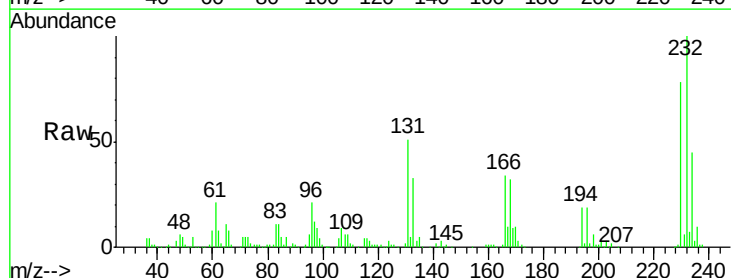
Ion Ratio Lower Upper

232 100

131 57.9 43.8 65.8

130 2.5 2.1 3.1

166 34.9 27.8 41.6

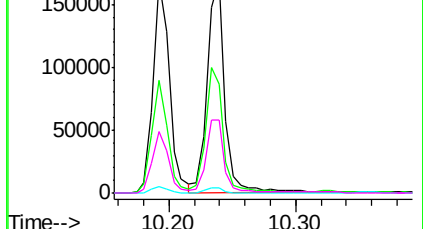
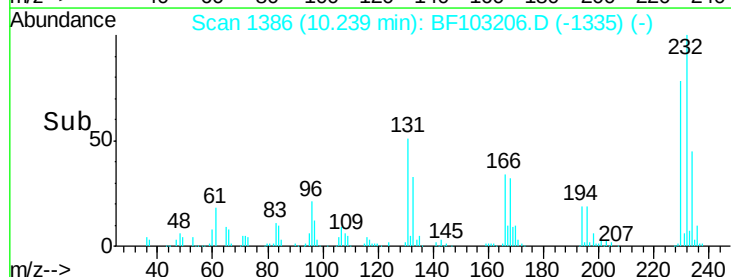


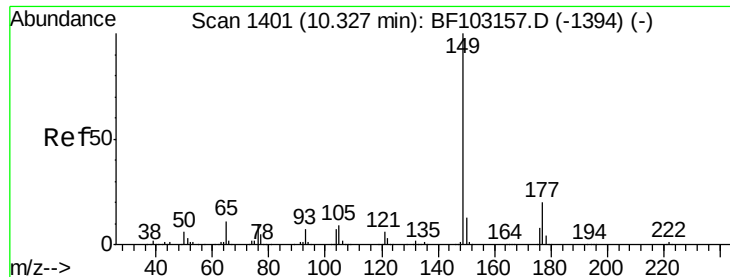
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

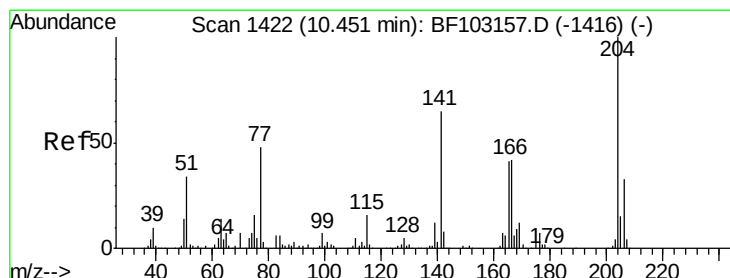
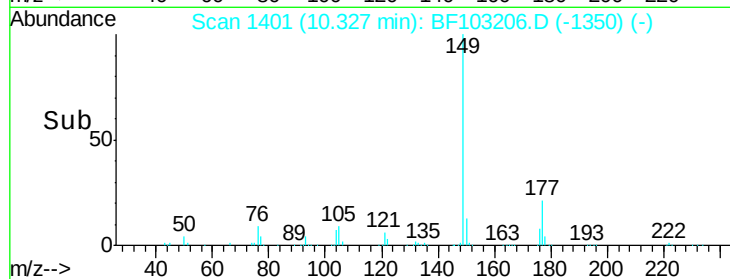
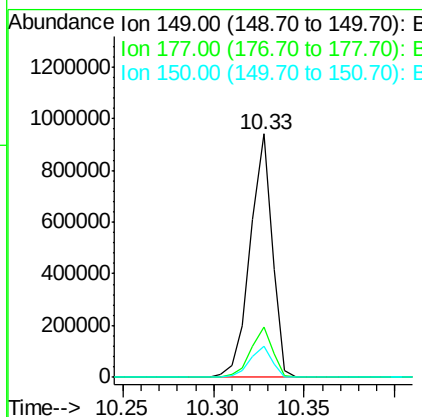
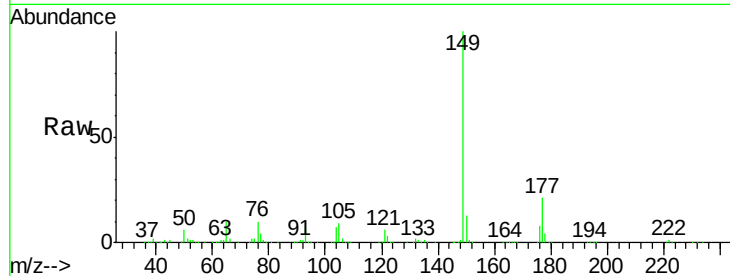




#59
Diethylphthalate
Concen: 32.270 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

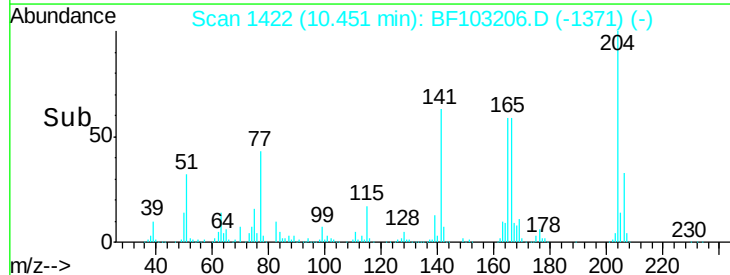
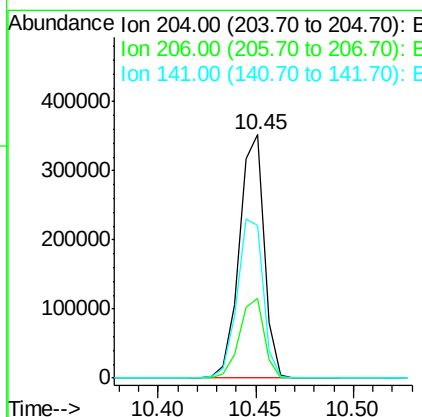
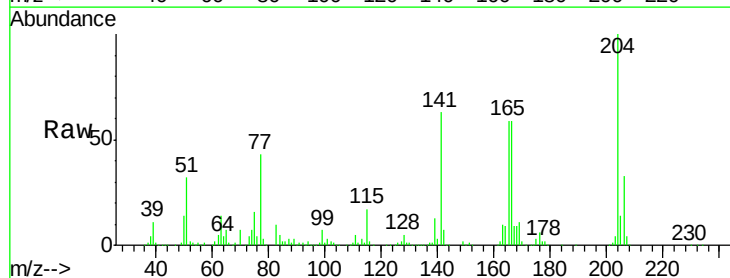
Instrument :
BNA_F
ClientSampleId :

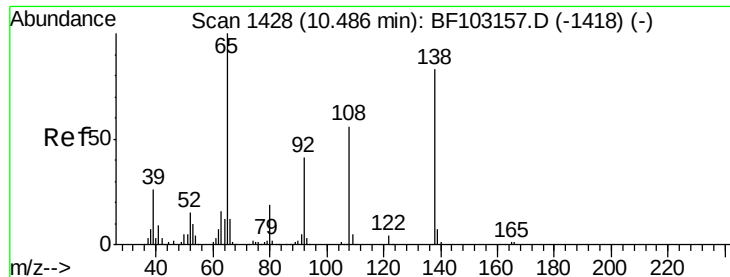
Tot Ion:149 Resp: 798161
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.716 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:204 Resp: 311065
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.7 54.6 81.8

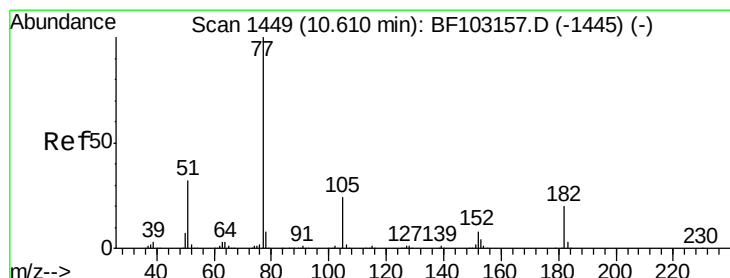
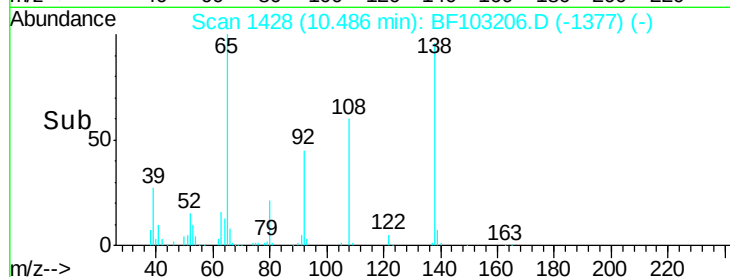
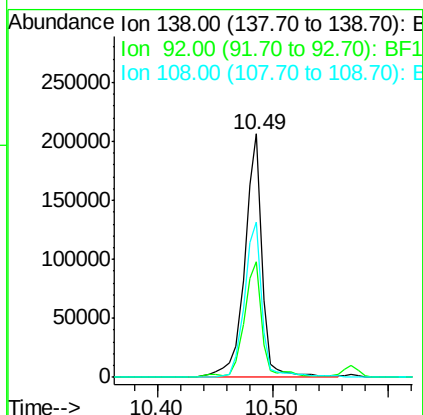
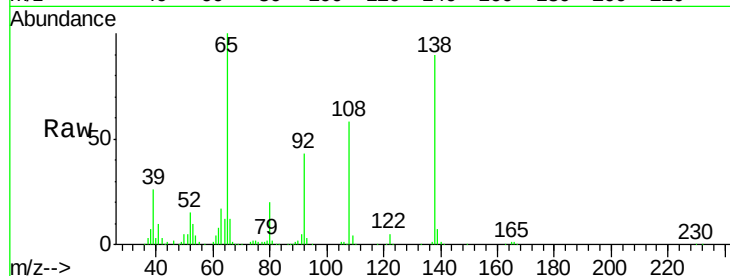




#61
4-Nitroaniline
Concen: 31.398 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

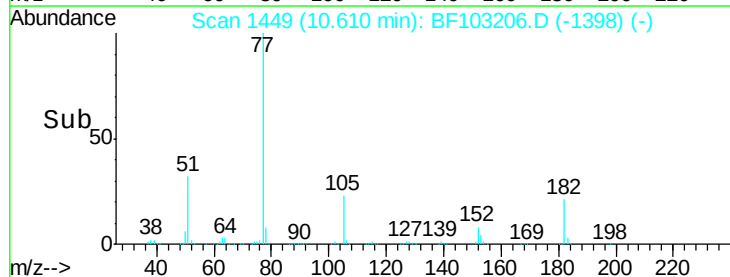
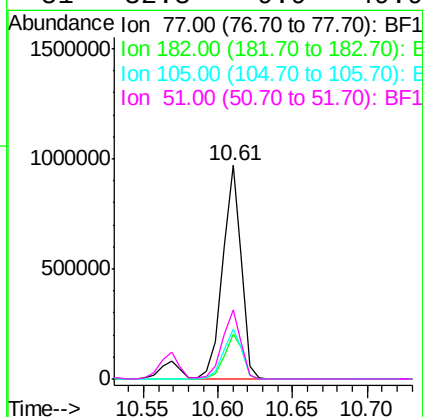
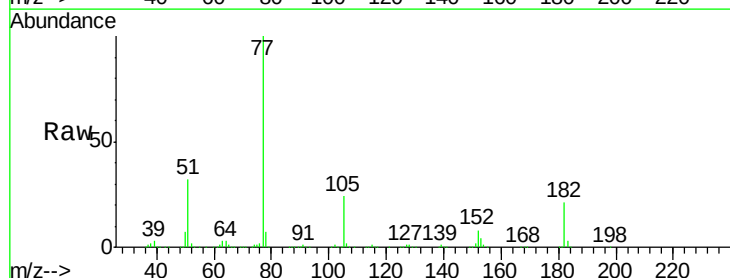
Instrument :
BNA_F
ClientSampleId :

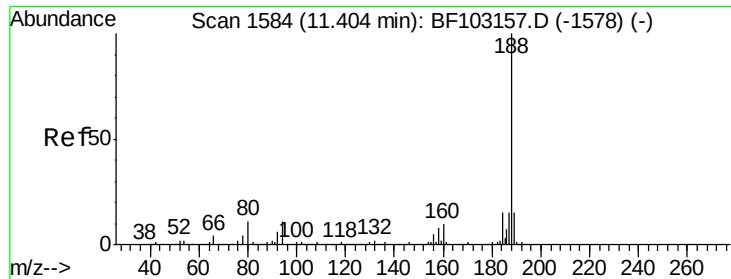
Tot Ion:138 Resp: 215929
Ion Ratio Lower Upper
138 100
92 47.5 30.2 70.2
108 63.7 52.5 92.5



#62
Azobenzene
Concen: 33.834 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion: 77 Resp: 851793
Ion Ratio Lower Upper
77 100
182 21.2 1.7 41.7
105 23.7 3.0 43.0
51 32.3 9.9 49.9

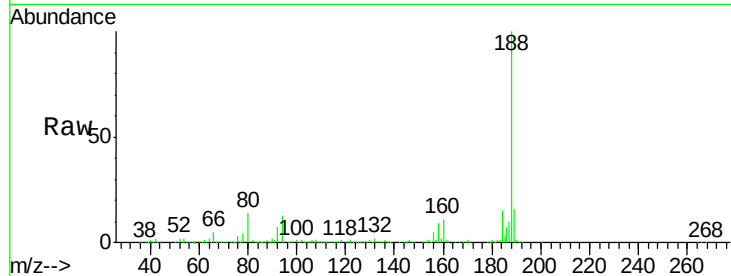




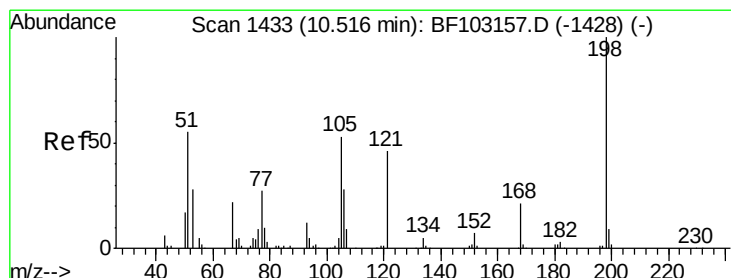
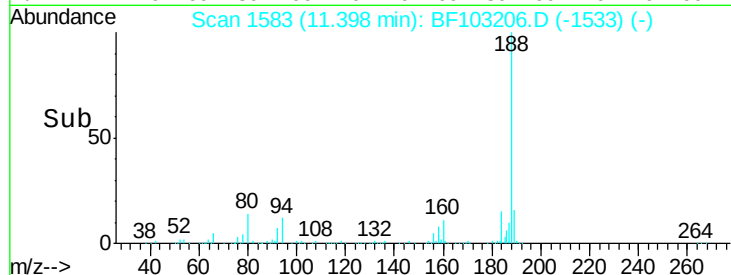
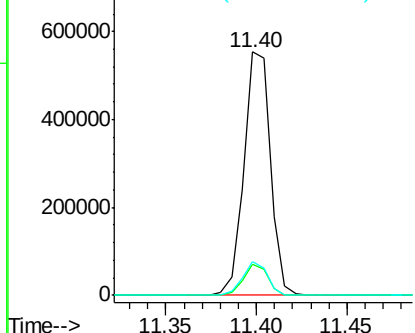
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 560913
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 13.6 9.2 13.8

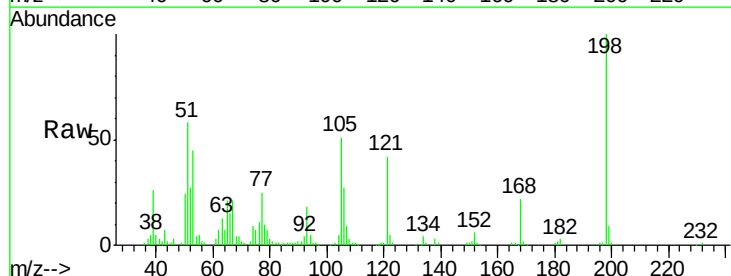


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

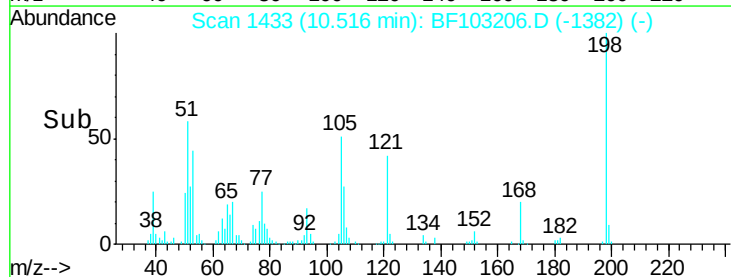
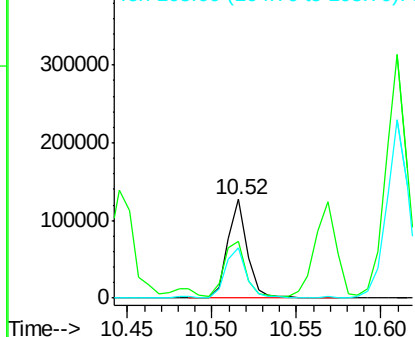


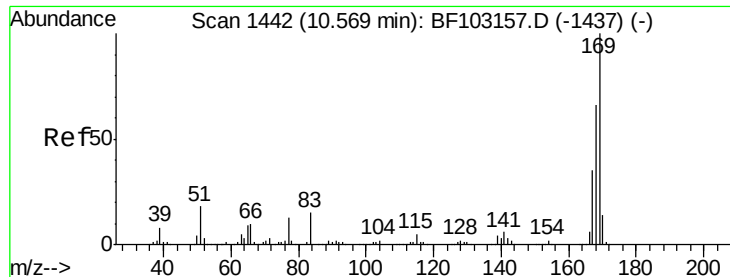
#64
4,6-Dinitro-2-methylphenol
Concen: 32.055 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:198 Resp: 103149
Ion Ratio Lower Upper
198 100
51 58.1 37.7 77.7
105 51.3 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: 32.334 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

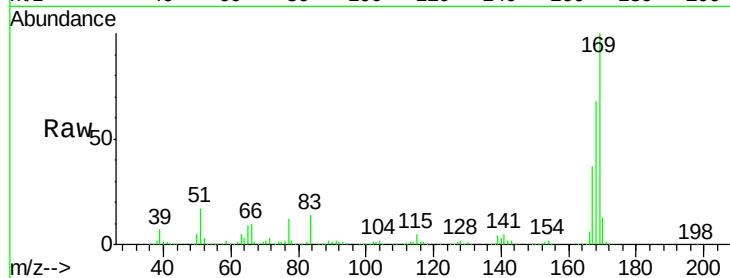
Instrument :

BNA_F

ClientSampled :

Tot Ion:169 Resp: 631491

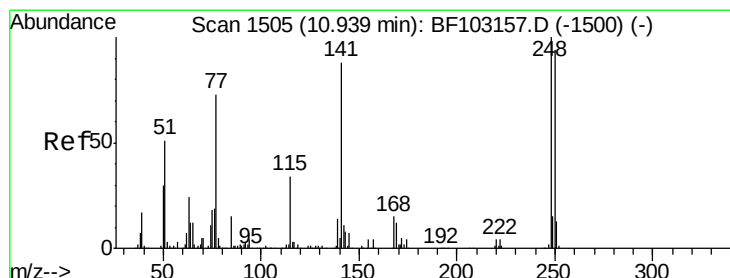
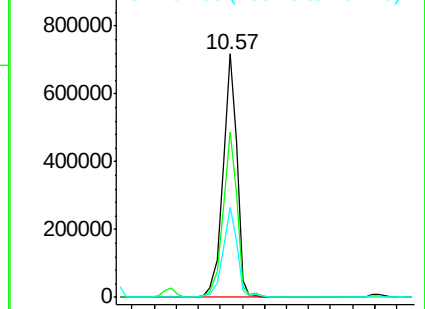
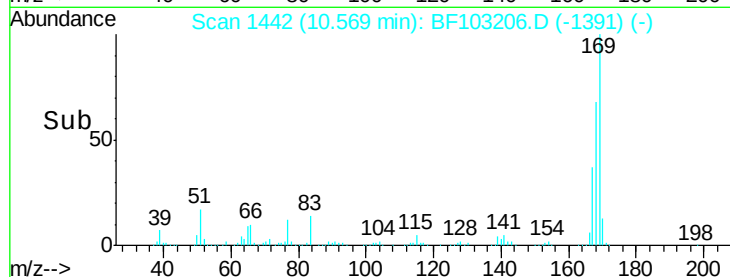
Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	37.2	29.8	44.6



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: 32.532 ng

RT: 10.94 min Scan# 1505

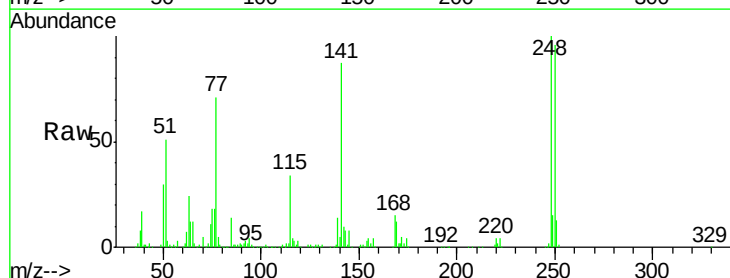
Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Tgt Ion:248 Resp: 190083

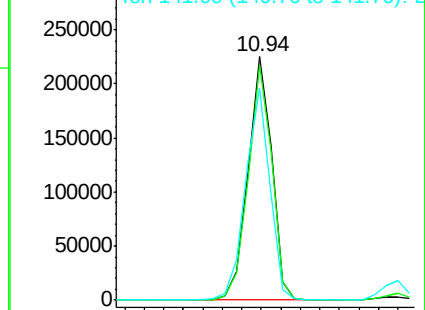
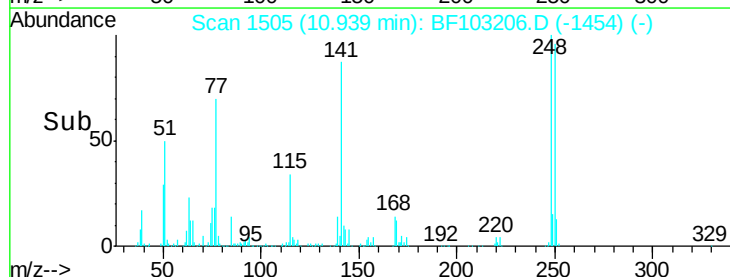
Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	86.9	74.4	111.6

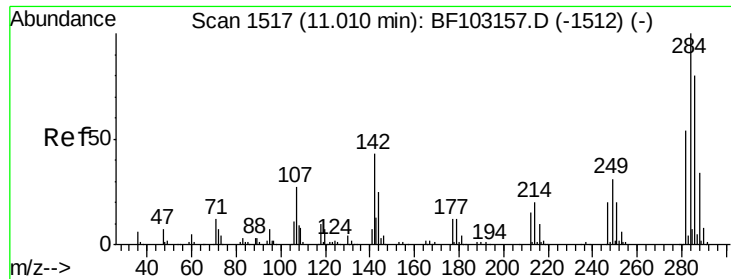


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.613 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

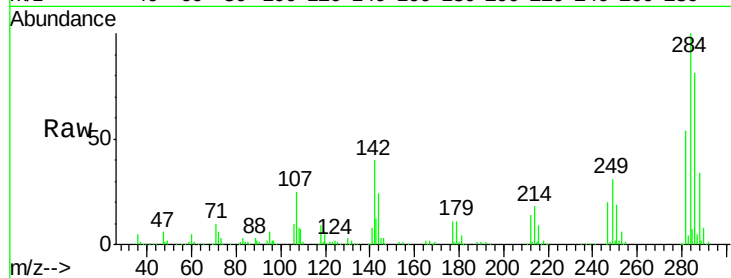
Tot Ion:284 Resp: 200488

Ion Ratio Lower Upper

284 100

142 40.2 34.6 52.0

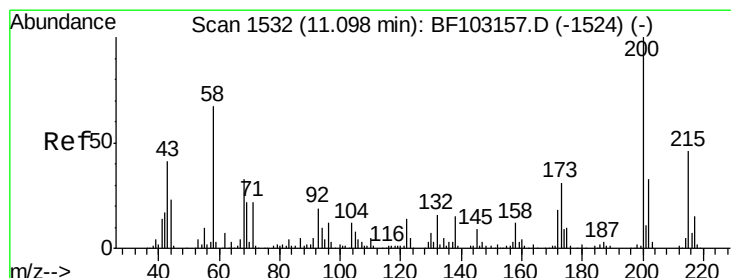
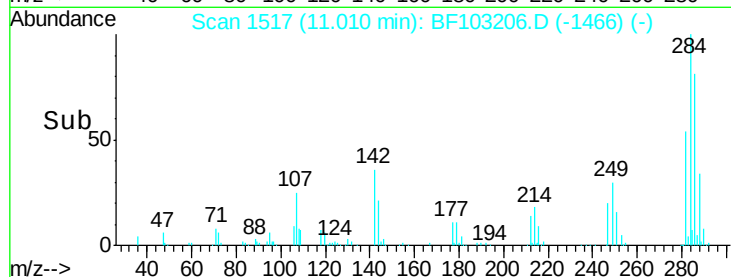
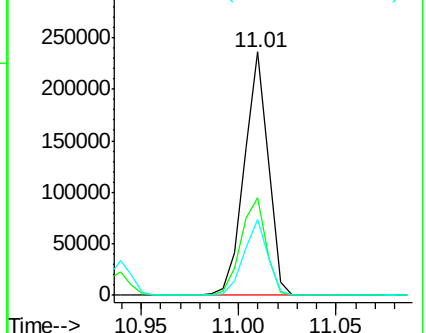
249 31.4 24.8 37.2



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: 33.568 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

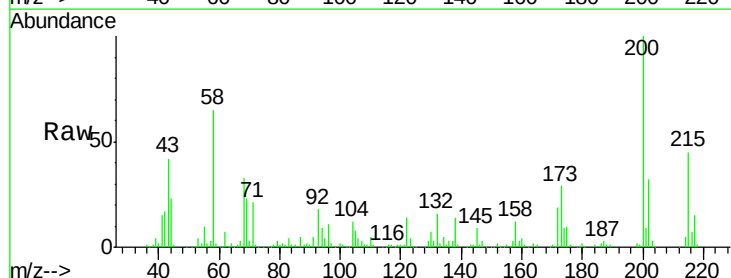
Tgt Ion:200 Resp: 197049

Ion Ratio Lower Upper

200 100

173 29.1 8.6 48.6

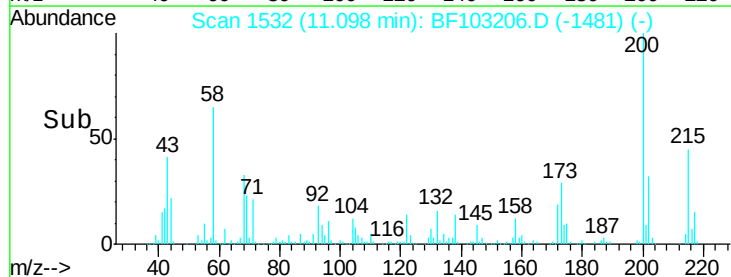
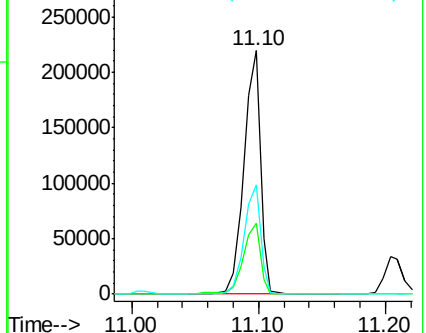
215 44.9 25.1 65.1

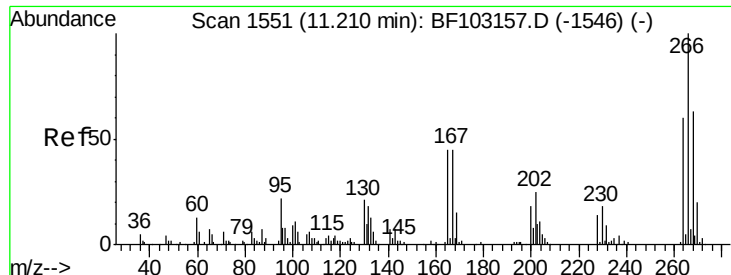


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

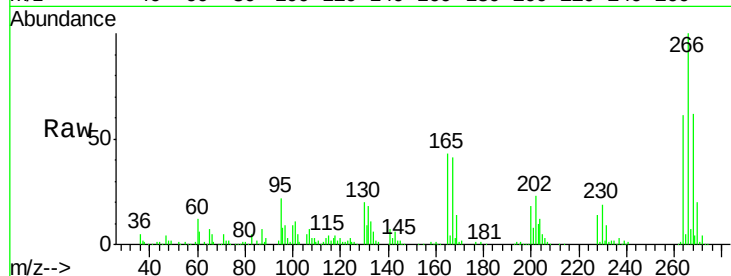




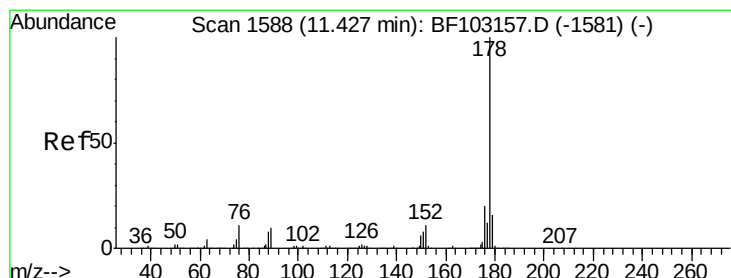
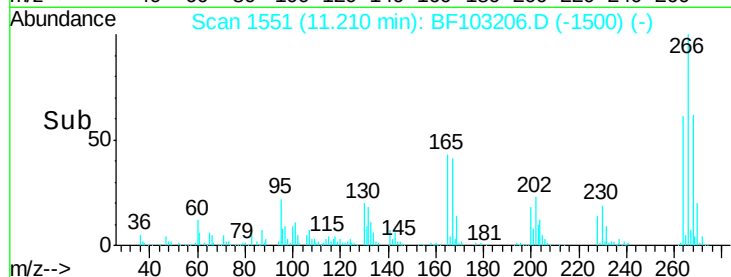
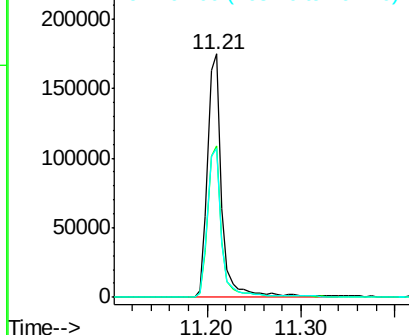
#69
 Pentachlorophenol
 Concen: 61.883 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 189763
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.2 49.5 74.3

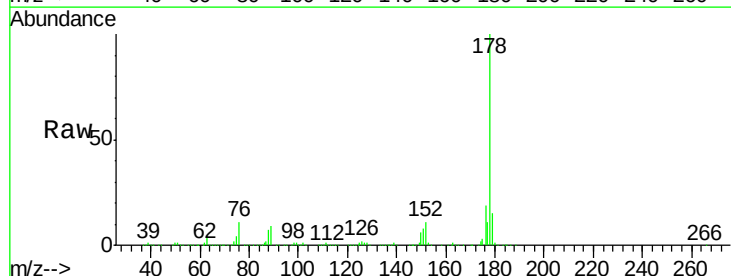


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

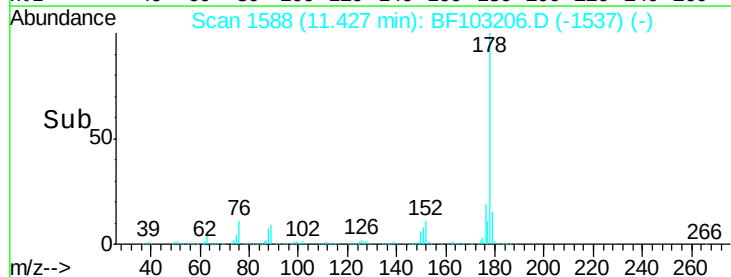
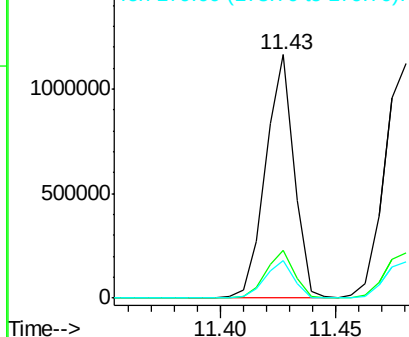


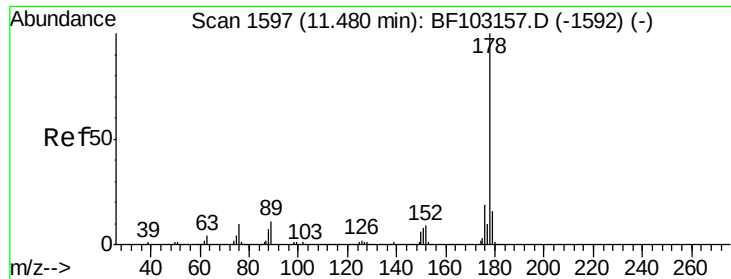
#70
 Phenanthrene
 Concen: 32.221 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:178 Resp: 994622
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

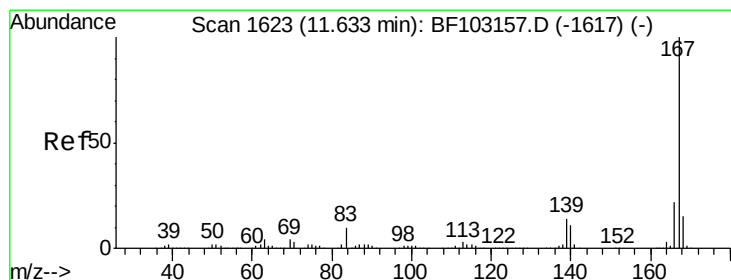
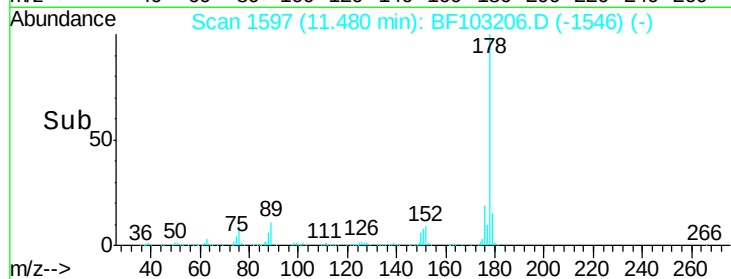
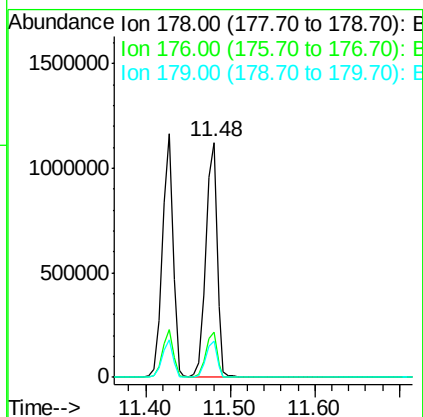
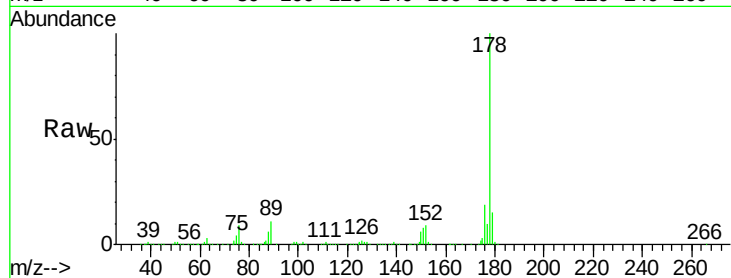




#71
 Anthracene
 Concen: 33.030 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

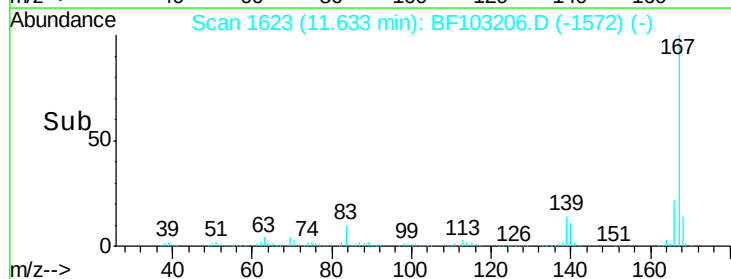
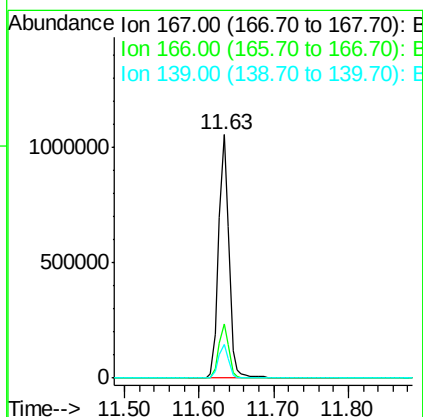
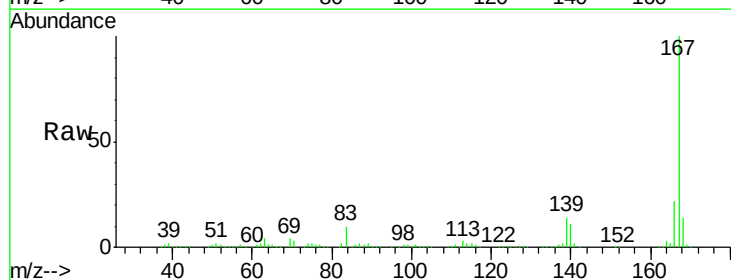
Instrument :
 BNA_F
 ClientSampleId :

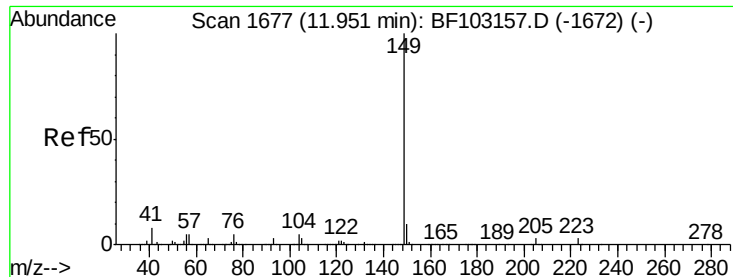
Tot Ion:178 Resp: 1045538
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 32.118 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:167 Resp: 1012416
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.393 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

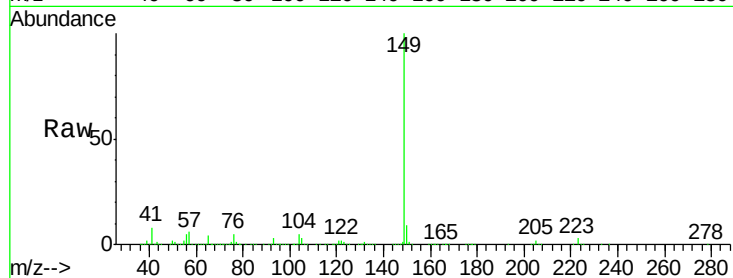
Tot Ion:149 Resp: 1277683

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

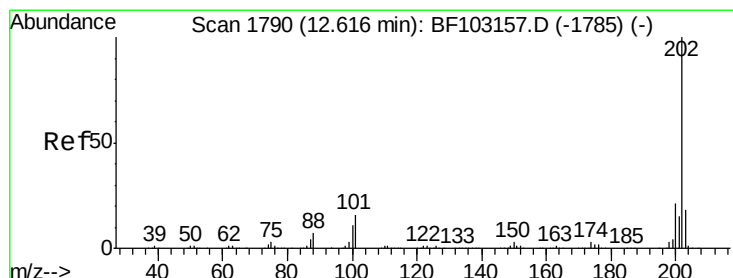
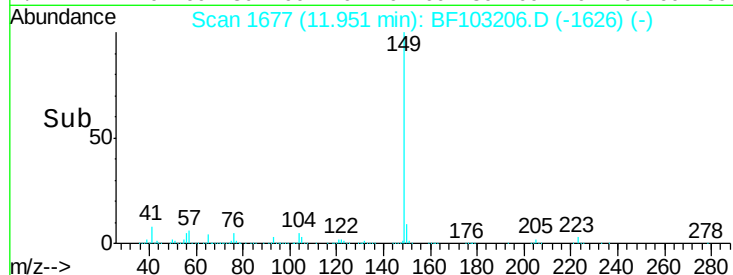
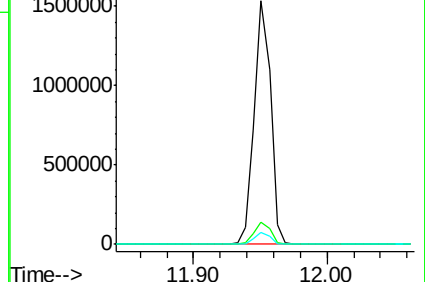
104 5.0 3.8 5.8



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: 32.477 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

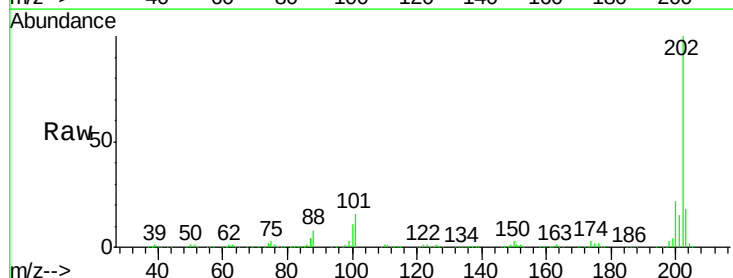
Tgt Ion:202 Resp: 1007421

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.1

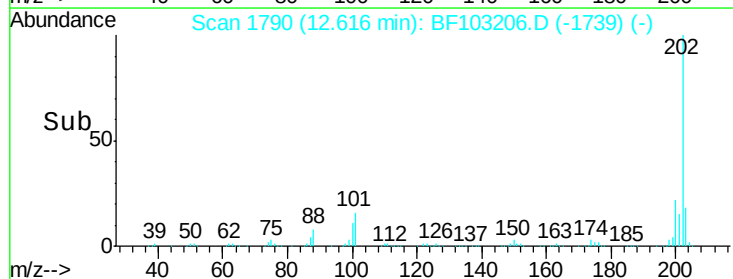
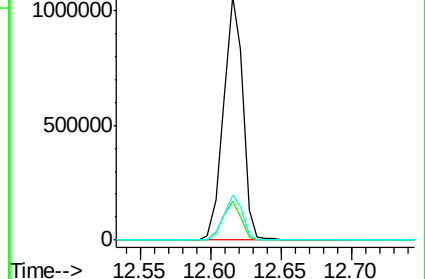
203 18.4 0.0 38.1

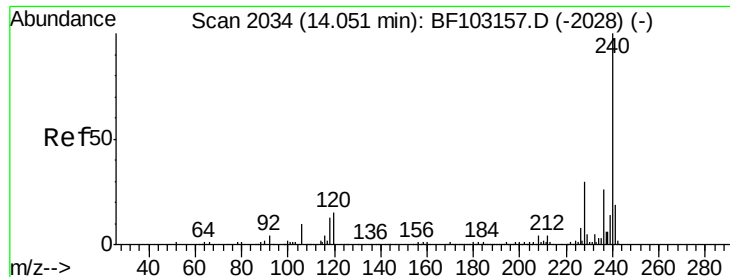


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

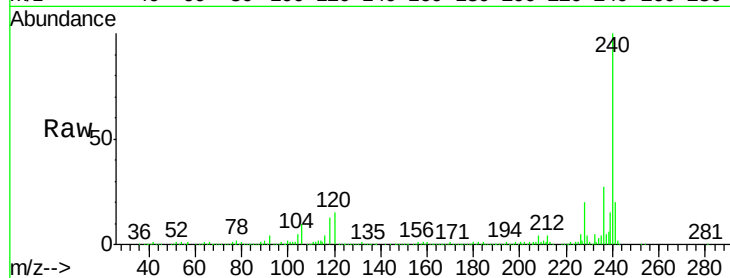
Tot Ion:240 Resp: 392225

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

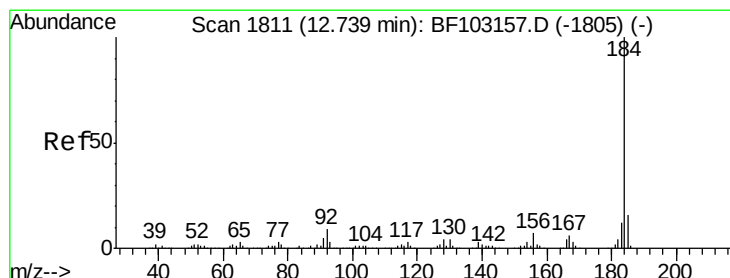
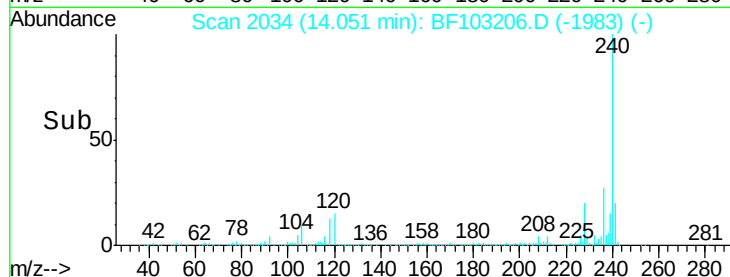
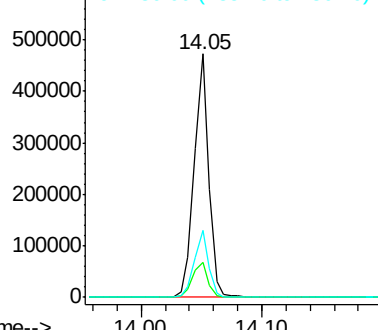
236 27.3 20.7 31.1



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: 20.674 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

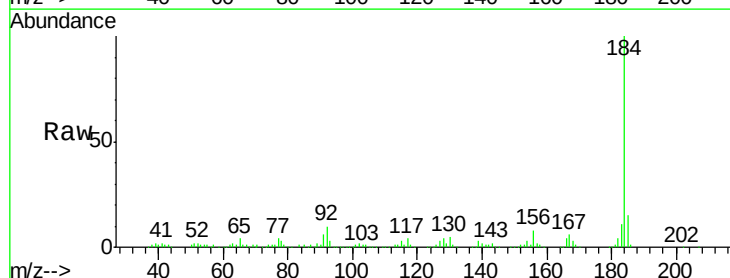
Tgt Ion:184 Resp: 303152

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

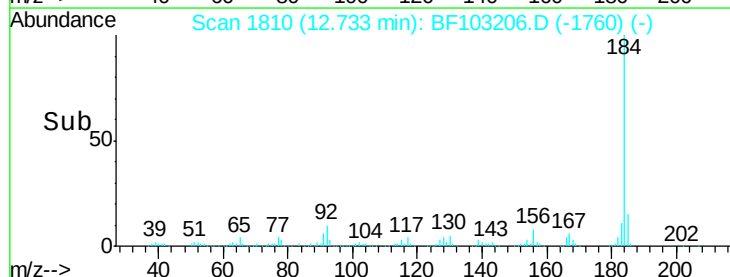
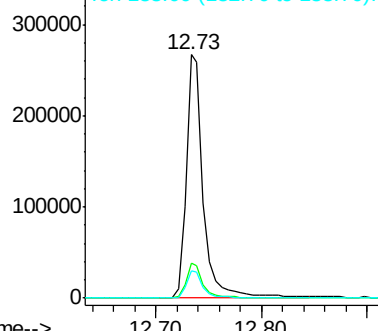
183 11.2 9.3 13.9

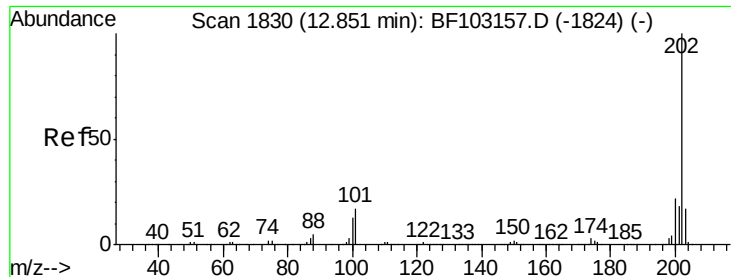


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

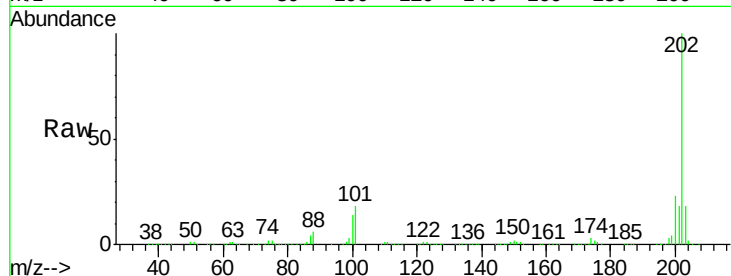




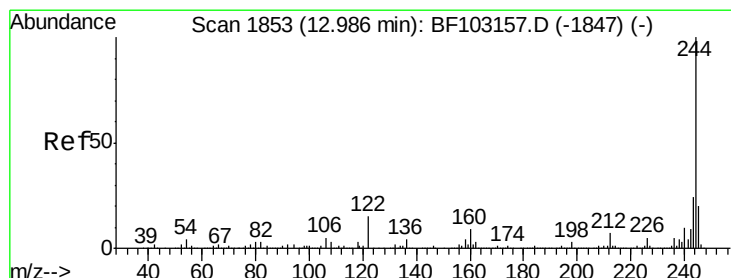
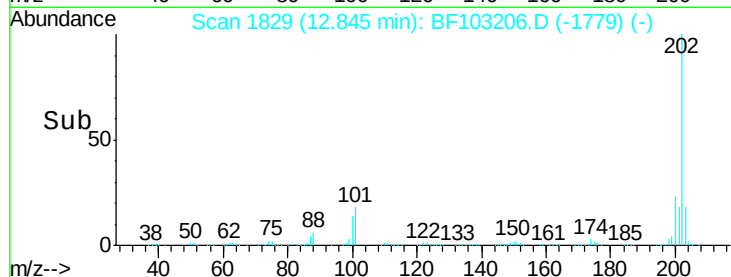
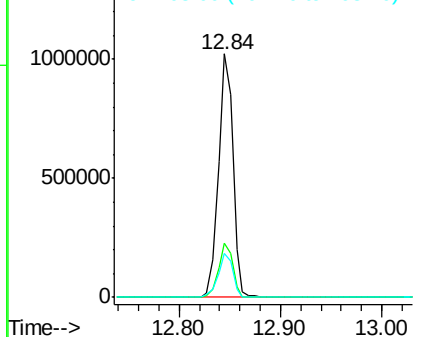
#77
Pvrene
Concen: 33.152 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1013809
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.0 14.3 21.5

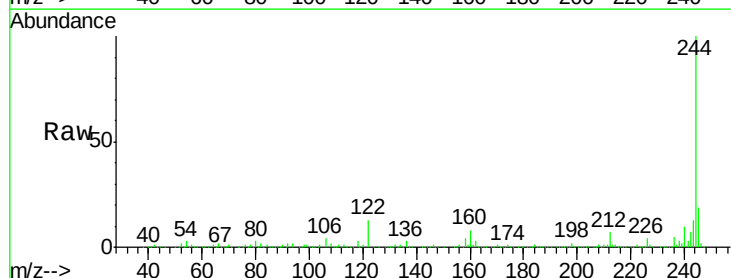


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

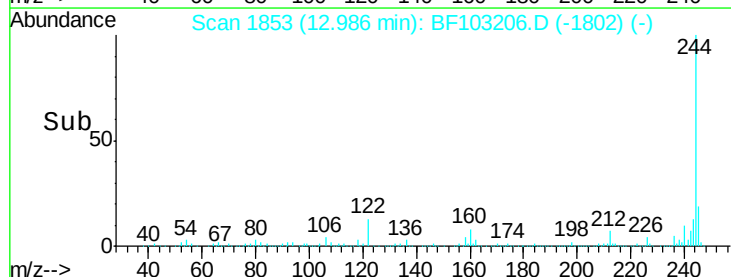
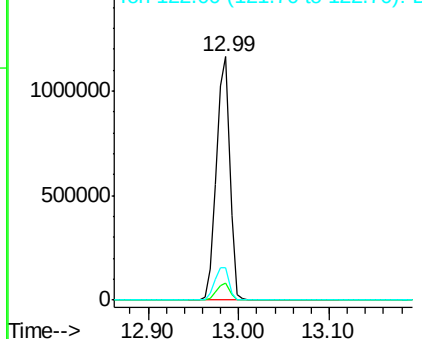


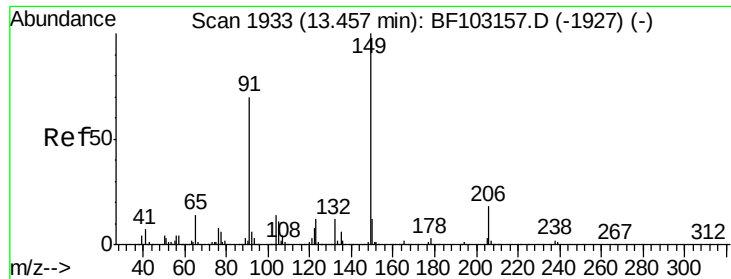
#78
Terphenyl-d14
Concen: 72.772 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion:244 Resp: 1187381
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

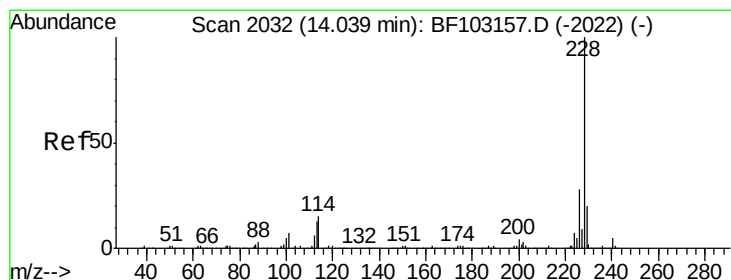
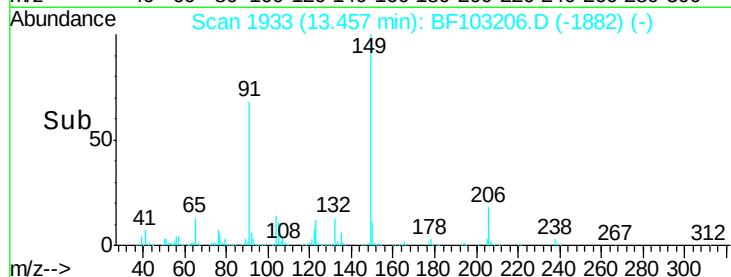
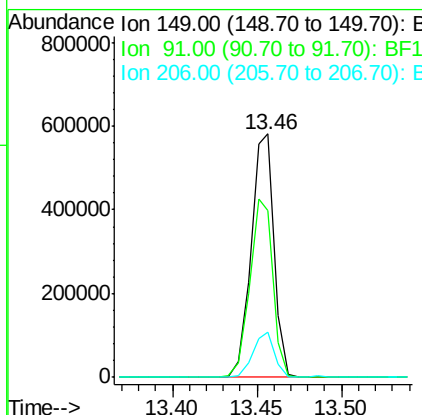
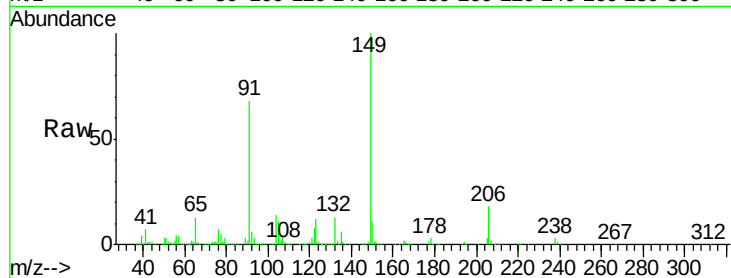




#79
Butylbenzylphthalate
Concen: 34.316 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

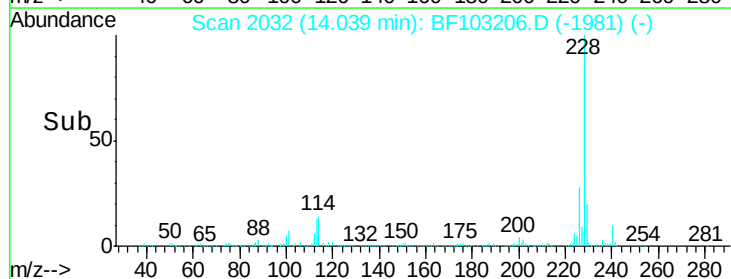
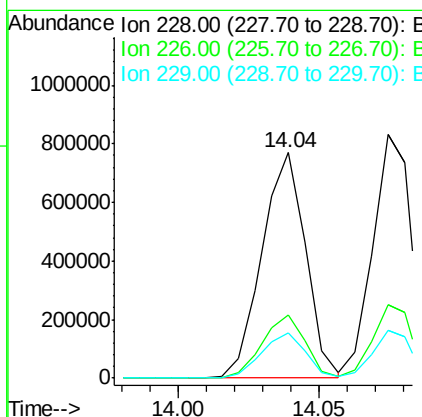
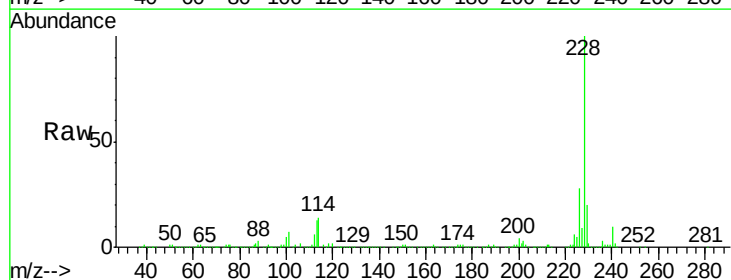
Instrument :
BNA_F
ClientSampleId :

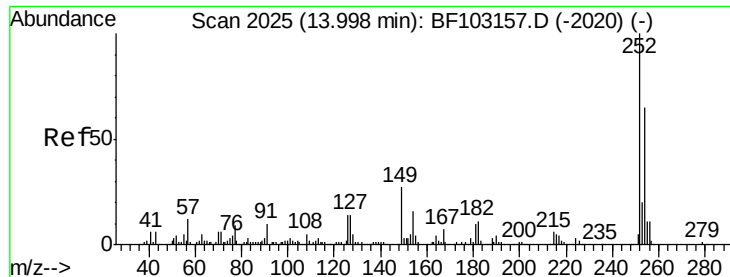
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.451 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6

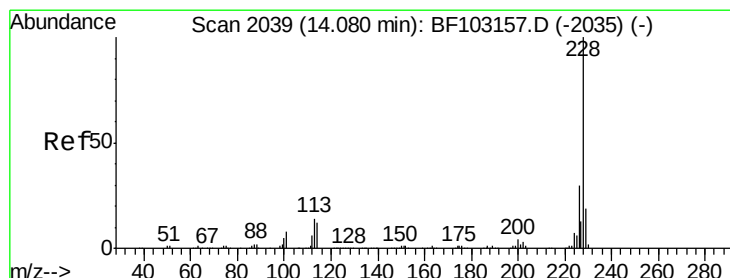
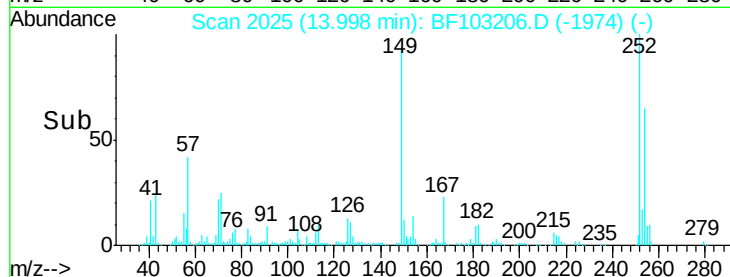
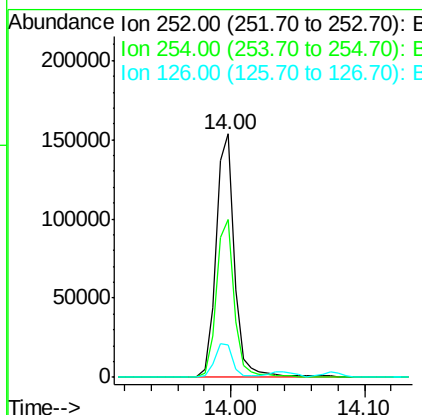
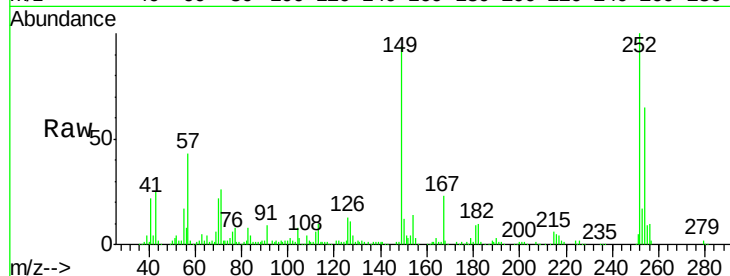




#81
 3,3'-Dichlorobenzidine
 Concen: 16.609 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

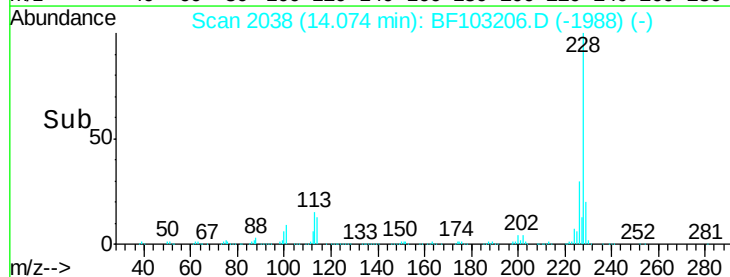
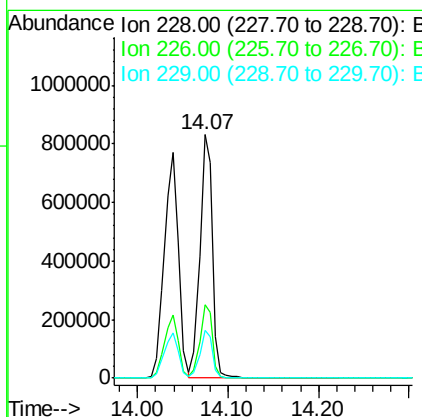
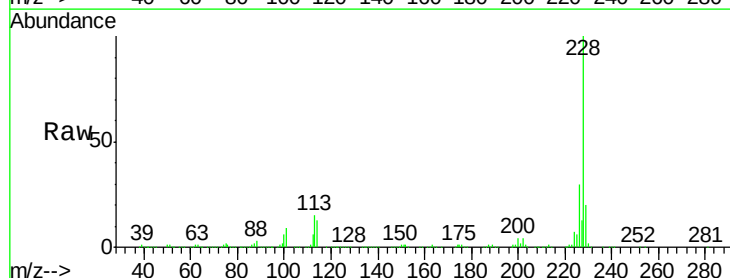
Instrument :
 BNA_F
 ClientSampleId :

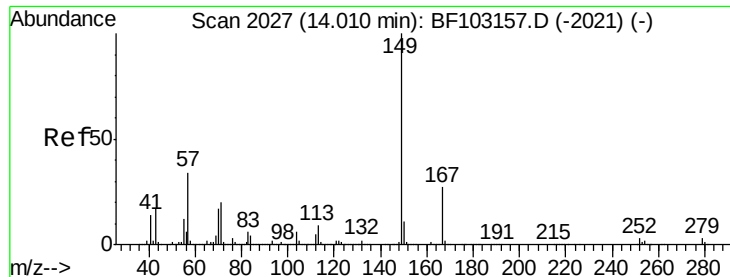
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	13.4	11.3	16.9



#82
 Chrysene
 Concen: 32.521 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.346 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

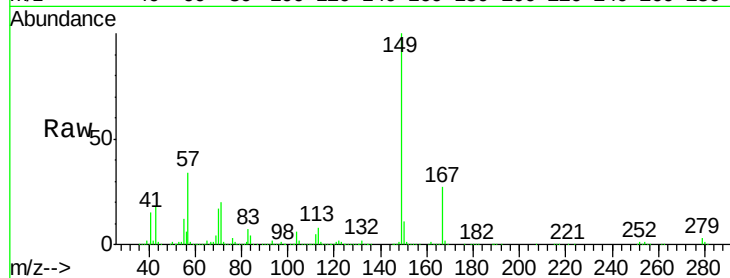
Tot Ion:149 Resp: 748852

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

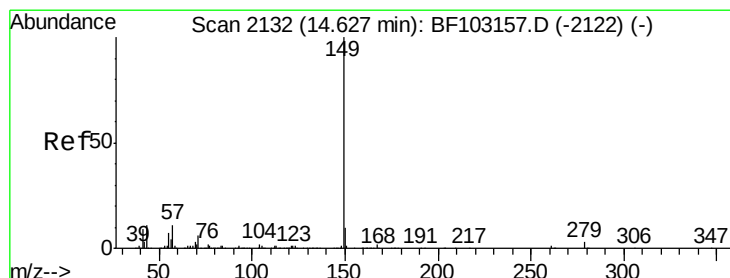
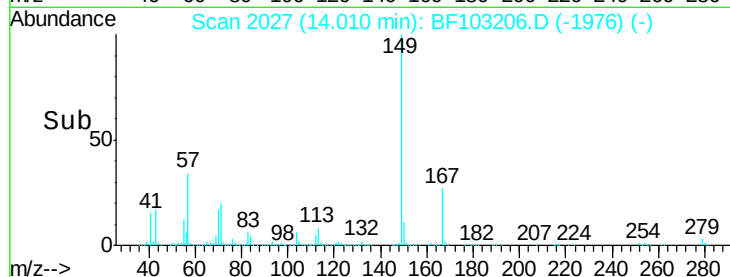
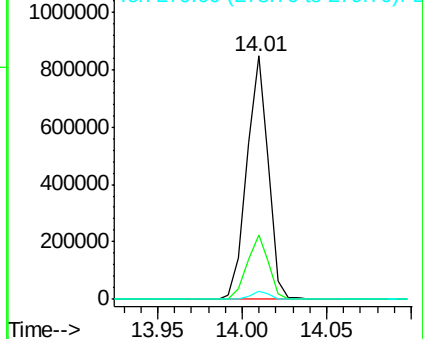
279 3.3 3.0 4.4



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: 33.844 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

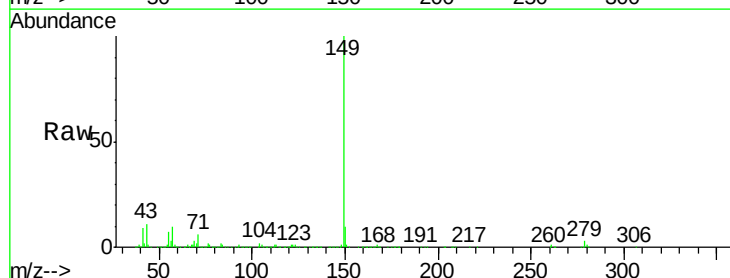
Tgt Ion:149 Resp: 1192220

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

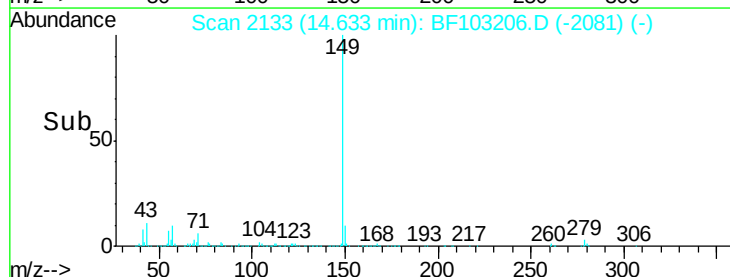
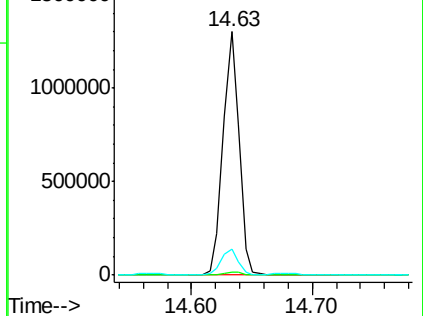
43 11.1 8.4 12.6

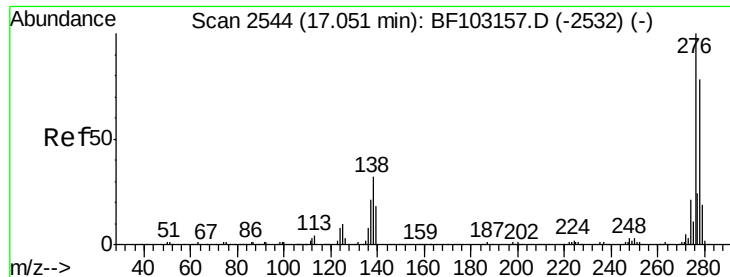


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

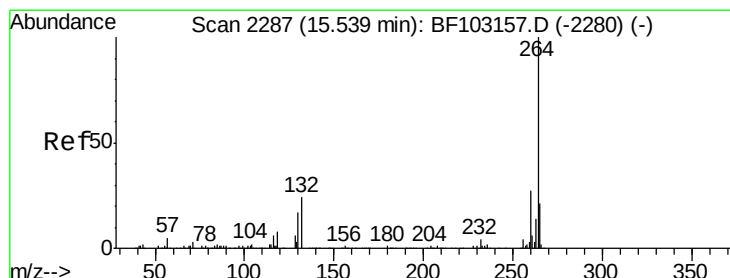
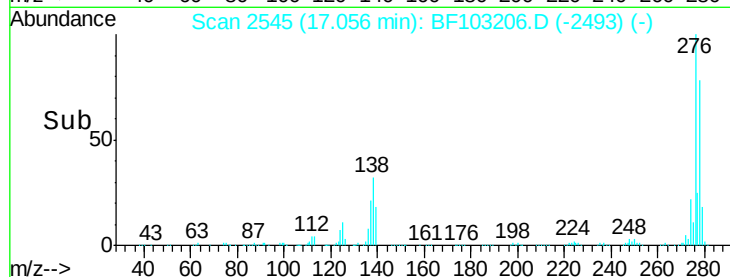
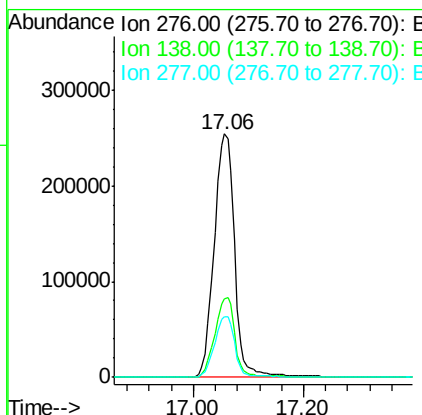
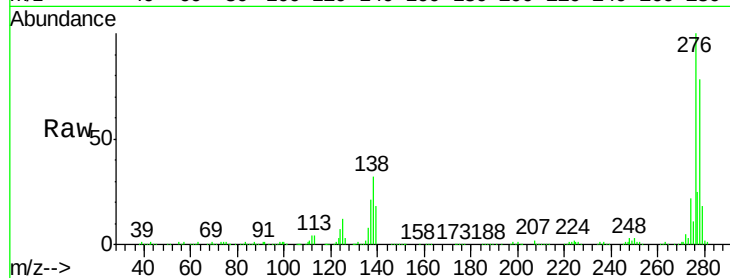




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.763 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

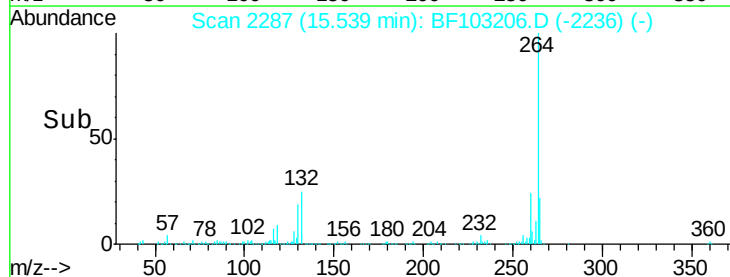
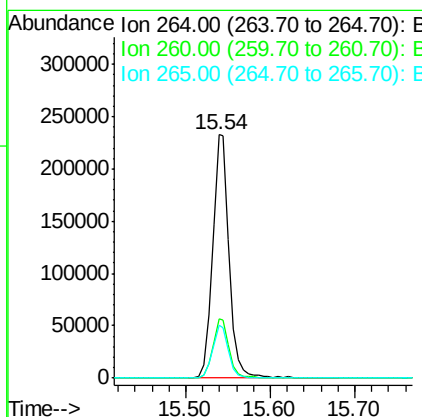
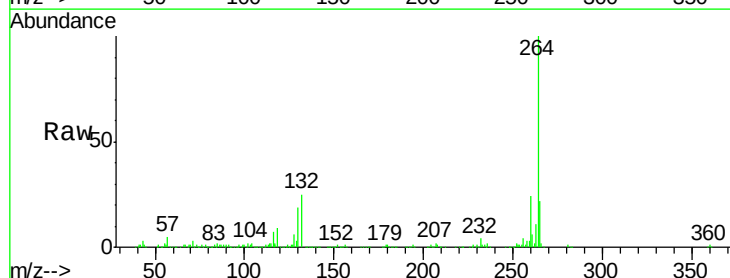
Instrument :
 BNA_F
 ClientSampleId :

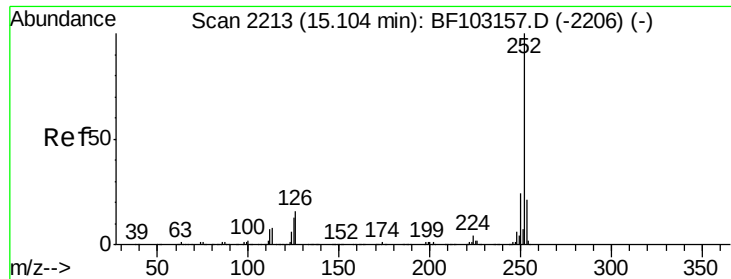
Tot Ion:276 Resp: 660492
 Ion Ratio Lower Upper
 276 100
 138 32.4 25.0 37.6
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Tgt Ion:264 Resp: 322284
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.5 17.5 26.3

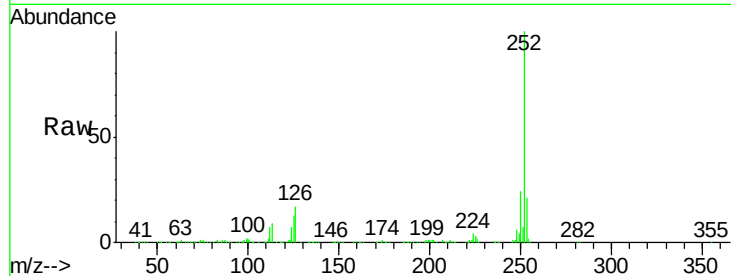




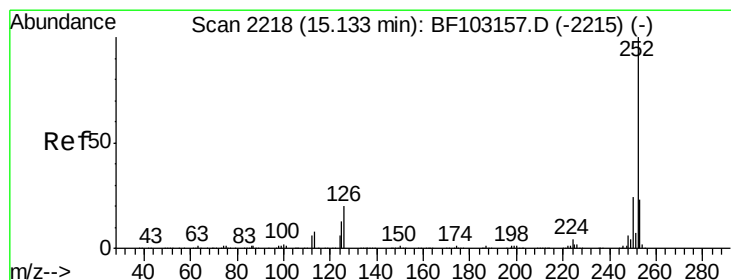
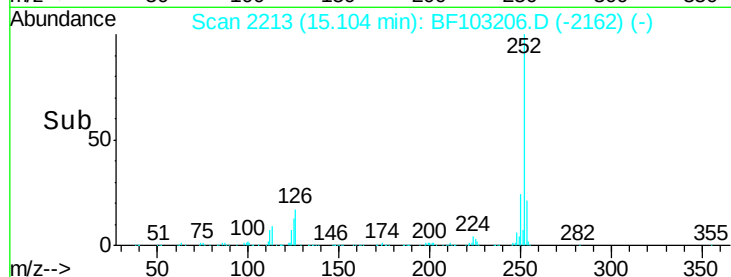
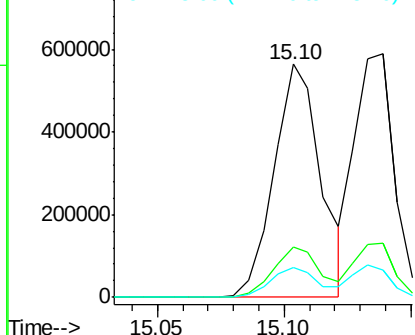
#87
Benzo(b)fluoranthene
Concen: 34.353 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.9	9.0	13.6

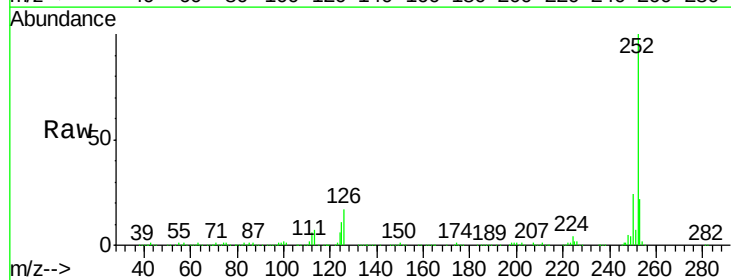


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

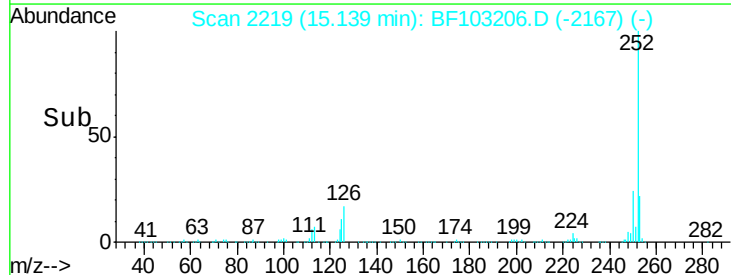
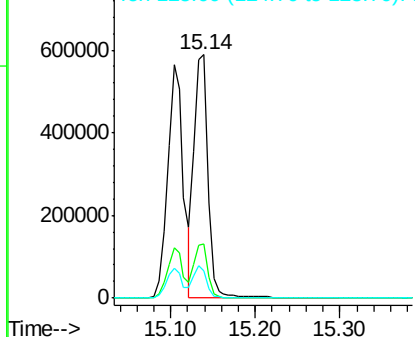


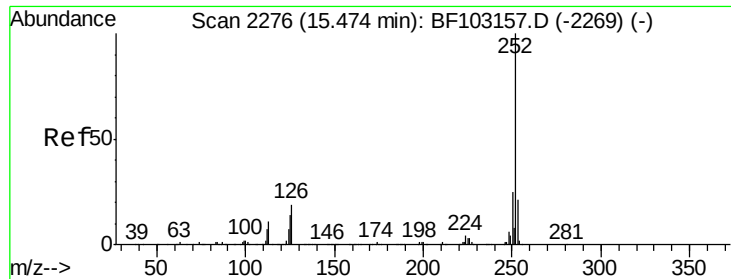
#88
Benzo(k)fluoranthene
Concen: 33.082 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103206.D
Acq: 26 Feb 2018 9:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.4	10.2	15.2



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





#89

Benzo(a)pyrene

Concen: 34.294 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

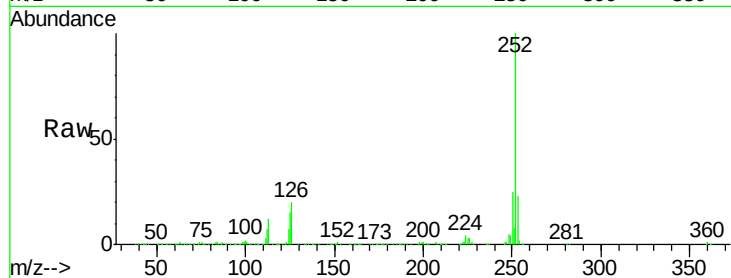
Tot Ion:252 Resp: 648938

Ion Ratio Lower Upper

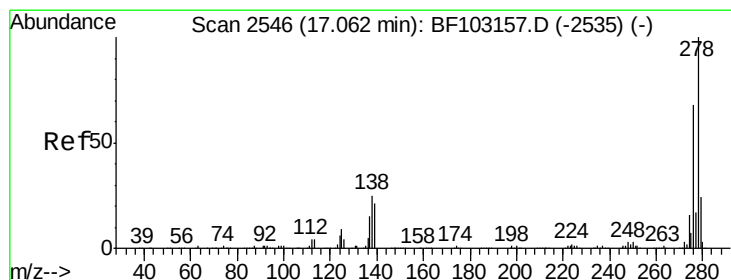
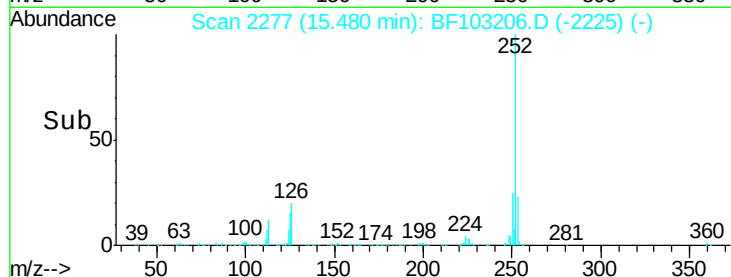
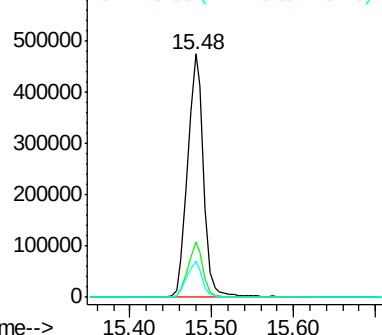
252 100

253 22.8 17.1 25.7

125 14.7 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: 37.111 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103206.D

Acq: 26 Feb 2018 9:41

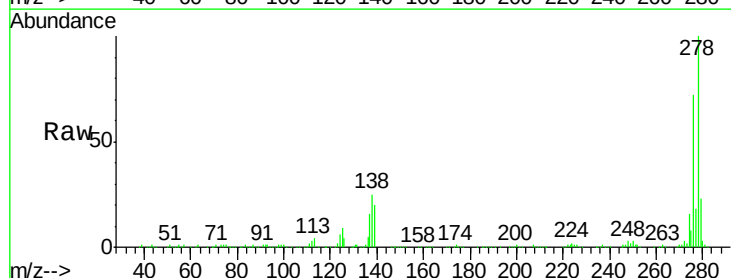
Tgt Ion:278 Resp: 542623

Ion Ratio Lower Upper

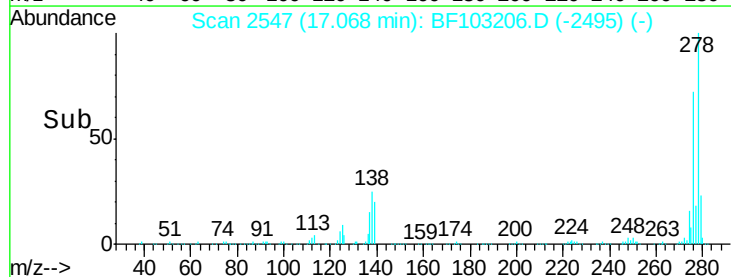
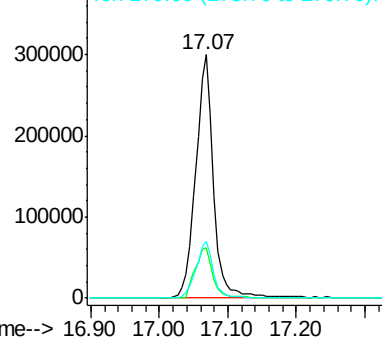
278 100

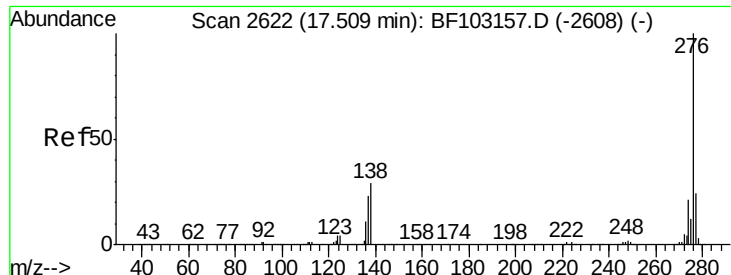
139 20.4 15.9 23.9

279 23.5 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

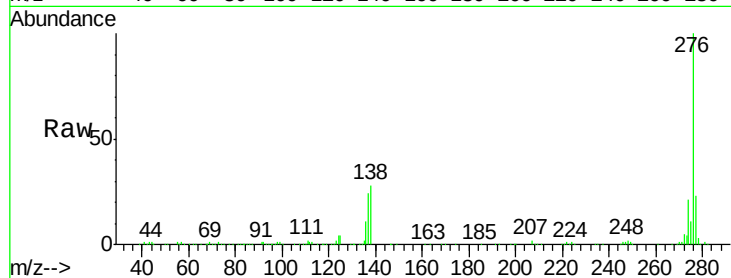




#91
 Benzo(a,h,i)perylene
 Concen: 39.378 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF103206.D
 Acq: 26 Feb 2018 9:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	27.9	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

