

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103496.D
 Acq On : 7 Mar 2018 13:08
 Operator : SJ/JU
 Sample : PB107108BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 13:57:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	133836	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	566160	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	235072	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	373137	20.00	ng	0.00
75) Chrysene-d12	14.06	240	207473	20.00	ng	0.00
86) Perylene-d12	15.57	264	194098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	987075	111.55	ng	0.01
7) Phenol-d6	6.51	99	1150046	106.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	754411	76.10	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	192422	96.71	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1069969	76.56	ng	0.00
78) Terphenyl-d14	12.99	244	778490	90.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	142361	30.460	ng	94
3) Pyridine	3.52	79	330590	26.495	ng	99
4) n-Nitrosodimethylamine	3.45	42	166729	33.132	ng	93
6) Aniline	6.53	93	194576	12.451	ng	# 50
8) 2-Chlorophenol	6.66	128	356188	38.747	ng	97
9) Benzaldehyde	6.42	77	117188	14.803	ng	97
10) Phenol	6.52	94	455727	36.254	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	354963	37.206	ng	92
12) 1,3-Dichlorobenzene	6.80	146	365154	34.759	ng	97
13) 1,4-Dichlorobenzene	6.88	146	382458	36.313	ng	98
14) 1,2-Dichlorobenzene	7.03	146	338708	34.876	ng	99
15) Benzyl Alcohol	7.01	79	291349	35.706	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	554305	33.834	ng	65
17) 2-Methylphenol	7.12	107	300897	36.018	ng	# 91
18) Hexachloroethane	7.37	117	126954	33.111	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	262371	38.933	ng	96
20) 3+4-Methylphenols	7.29	107	398145	39.097	ng	# 77
22) Acetophenone	7.27	105	501474	37.947	ng	# 92
24) Nitrobenzene	7.45	77	407290	37.315	ng	94
25) Isophorone	7.69	82	725017	37.132	ng	97
26) 2-Nitrophenol	7.77	139	184959	35.995	ng	95
27) 2,4-Dimethylphenol	7.80	122	322083	41.008	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	451141	39.299	ng	98
29) 2,4-Dichlorophenol	8.02	162	300671	39.984	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	273016	34.094	ng	99
31) Naphthalene	8.17	128	1039710	37.510	ng	100
32) Benzoic acid	7.93	122	86653	19.643	ng	95
33) 4-Chloroaniline	8.23	127	128417	10.736	ng	98
34) Hexachlorobutadiene	8.27	225	133574	32.033	ng	98
35) Caprolactam	8.60	113	93288	35.298	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	317915	37.483	ng	98
37) 2-Methylnaphthalene	8.86	142	622597	34.755	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237133	36.900	ng	99
40) Hexachlorocyclopentadiene	9.00	237	25526	18.899	ng	98

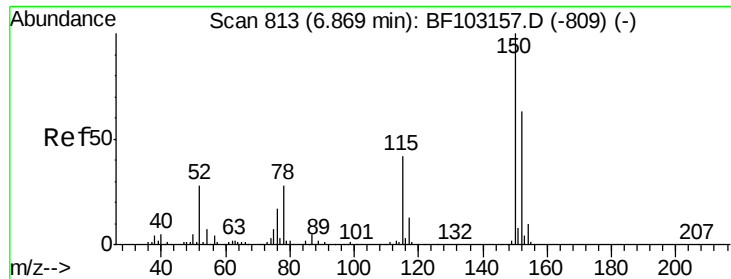
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	159387	36.860	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	171254	34.434	ng	99
45) 1,1'-Biphenyl	9.33	154	714380	36.267	ng	99
46) 2-Chloronaphthalene	9.36	162	565544	36.291	ng	98
47) 2-Nitroaniline	9.46	65	215451	37.324	ng	94
48) Acenaphthylene	9.77	152	827884	34.528	ng	100
49) Dimethylphthalate	9.62	163	643801	34.140	ng	99
50) 2,6-Dinitrotoluene	9.70	165	139515	35.254	ng	# 87
51) Acenaphthene	9.94	154	483362	34.572	ng	99
52) 3-Nitroaniline	9.87	138	102446	20.404	ng	97
53) 2,4-Dinitrophenol	10.01	184	15884	19.397	ng	# 24
54) Dibenzofuran	10.12	168	700910	36.520	ng	96
55) 4-Nitrophenol	10.05	139	153164	49.221	ng	# 82
56) 2,4-Dinitrotoluene	10.11	165	168379	33.642	ng	# 74
57) Fluorene	10.46	166	565804	34.606	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	124265	37.194	ng	96
59) Diethylphthalate	10.32	149	636808	35.308	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	251302	36.246	ng	98
61) 4-Nitroaniline	10.49	138	140983	28.113	ng	96
62) Azobenzene	10.61	77	652037	35.517	ng	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	21491	13.436	ng	95
65) n-Nitrosodiphenylamine	10.57	169	510854	39.320	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	149981	38.586	ng	91
67) Hexachlorobenzene	11.01	284	151267	35.854	ng	99
68) Atrazine	11.10	200	145696	37.310	ng	99
69) Pentachlorophenol	11.22	266	88972	43.615	ng	98
70) Phenanthrene	11.43	178	731046	35.600	ng	99
71) Anthracene	11.48	178	780400	37.061	ng	99
72) Carbazole	11.64	167	724599	34.555	ng	99
73) Di-n-butylphthalate	11.95	149	986577	37.600	ng	99
74) Fluoranthene	12.62	202	677629	32.838	ng	98
76) Benzidine	12.74	184	307989	39.708	ng	96
77) Pyrene	12.86	202	641936	39.685	ng	99
79) Butylbenzylphthalate	13.46	149	351290	41.104	ng	98
80) Benzo(a)anthracene	14.05	228	490465	36.434	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	146835	30.564	ng	99
82) Chrysene	14.09	228	475045	36.344	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	447937	38.840	ng	99
84) Di-n-octyl phthalate	14.63	149	745575	40.012	ng	100
85) Indeno(1,2,3-cd)pyrene	17.12	276	434519	41.991	ng	98
87) Benzo(b)fluoranthene	15.12	252	460348	36.072	ng	98
88) Benzo(k)fluoranthene	15.15	252	435978	36.279	ng	98
89) Benzo(a)pyrene	15.50	252	430331	37.761	ng	97
90) Dibenzo(a,h)anthracene	17.12	278	370647	42.090	ng	98
91) Benzo(g,h,i)perylene	17.58	276	354970	41.244	ng	97

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

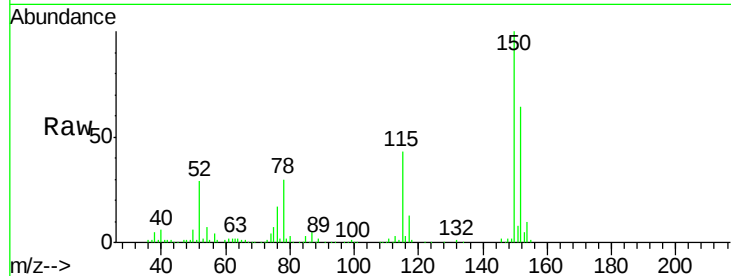


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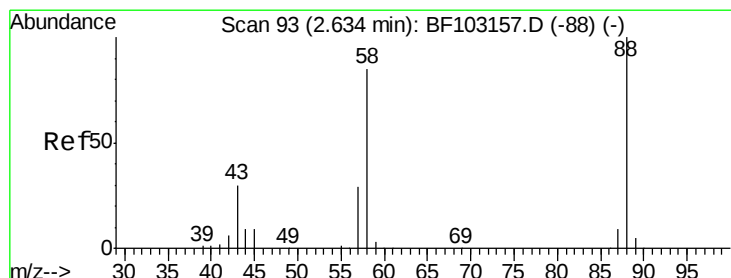
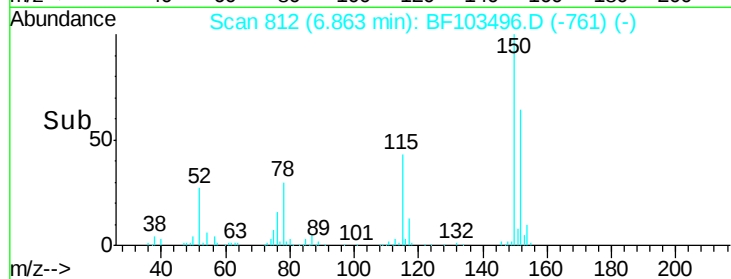
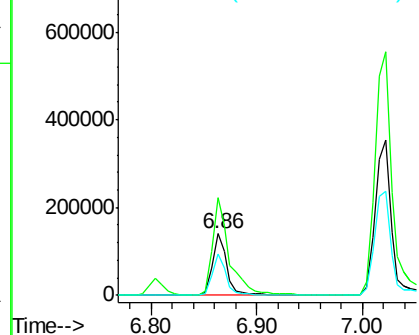
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	66.9	50.1	75.1



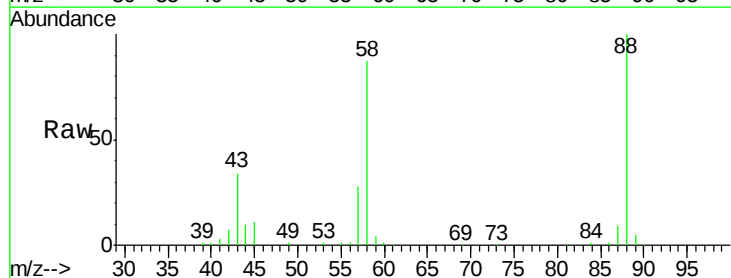
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



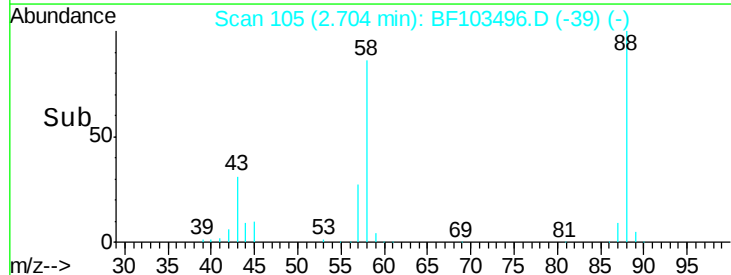
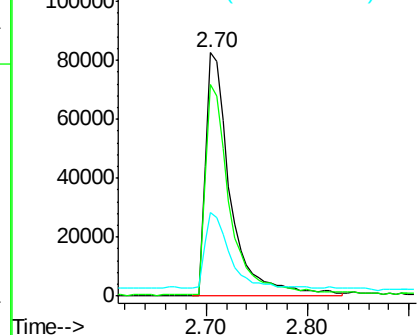
#2

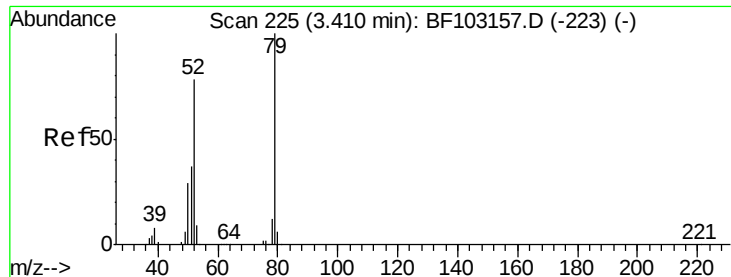
1,4-Dioxane
Concen: 30.460 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.09 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	62.6	93.8
43	30.1	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.495 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

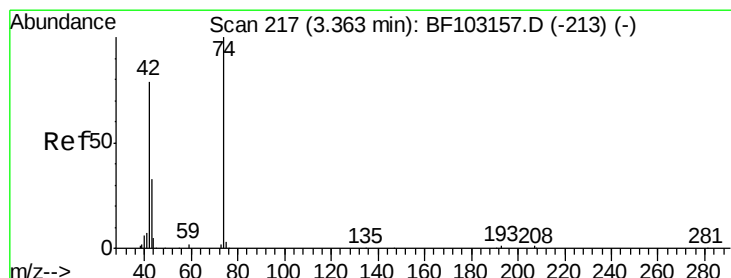
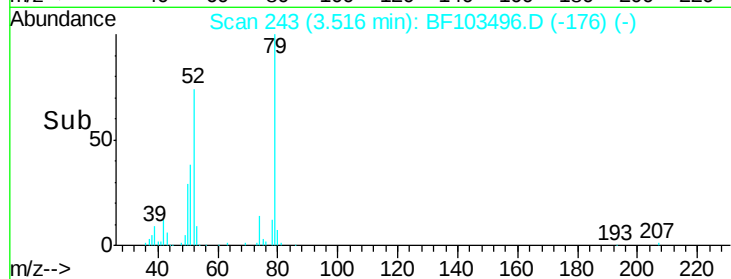
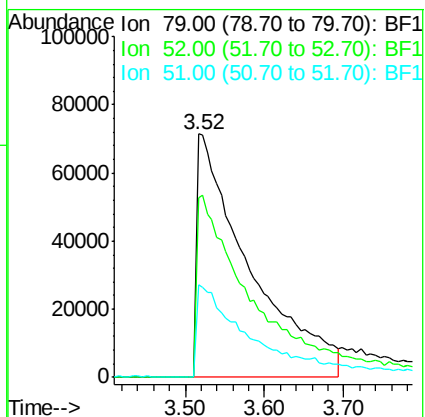
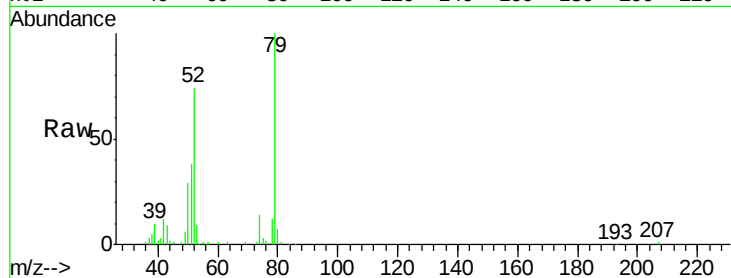
Tot Ion: 79 Resp: 330590

Ion Ratio Lower Upper

79 100

52 73.6 59.8 89.6

51 38.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.132 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

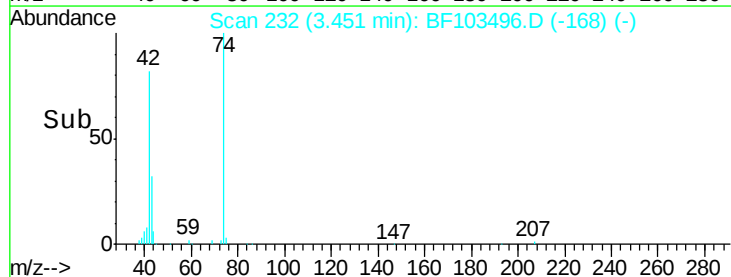
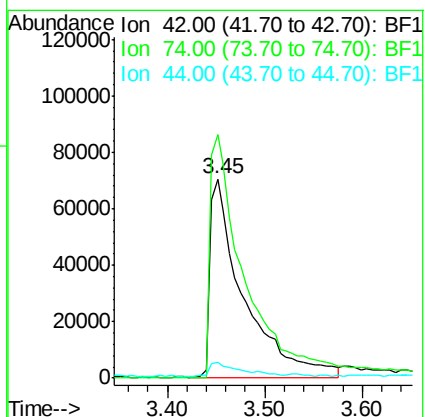
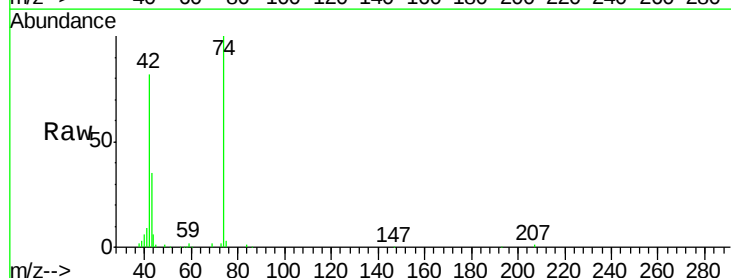
Tgt Ion: 42 Resp: 166729

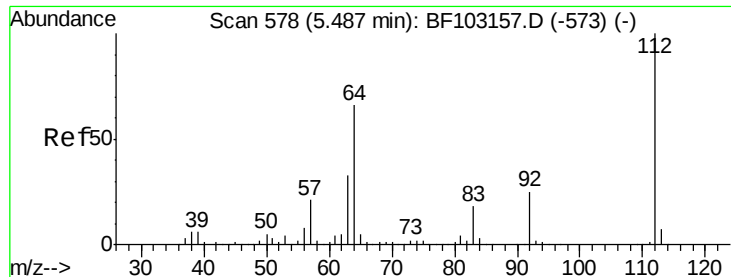
Ion Ratio Lower Upper

42 100

74 122.3 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 111.546 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

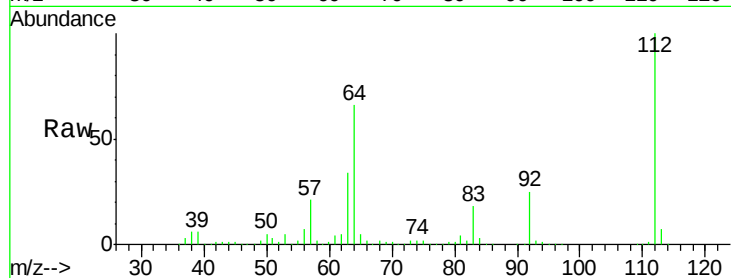
Tot Ion:112 Resp: 987075

Ion Ratio Lower Upper

112 100

64 65.7 47.9 71.9

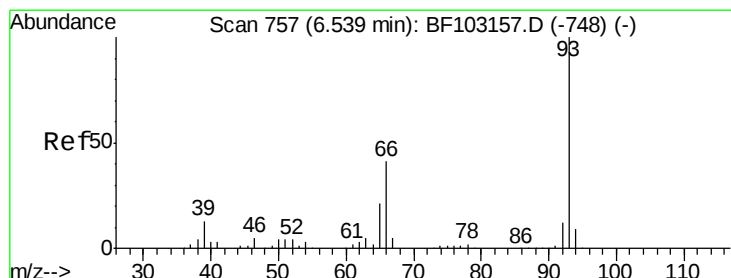
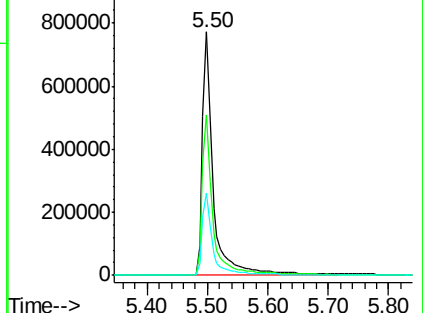
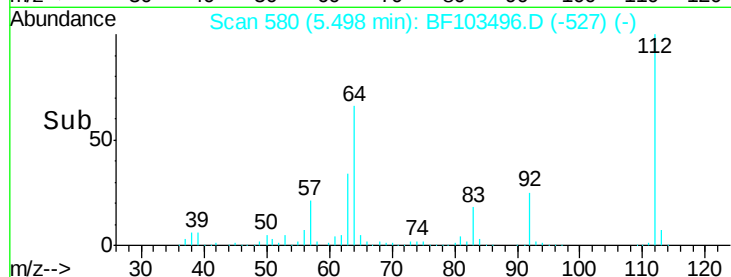
63 33.7 23.7 35.5



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: 12.451 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

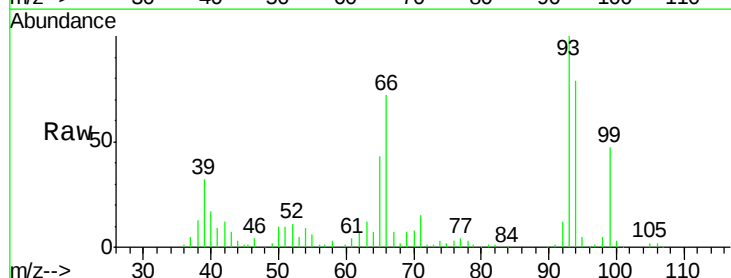
Tgt Ion: 93 Resp: 194576

Ion Ratio Lower Upper

93 100

66 71.7 32.2 48.2#

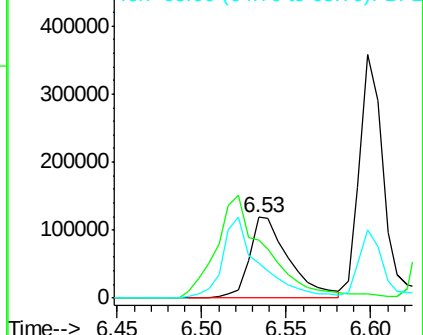
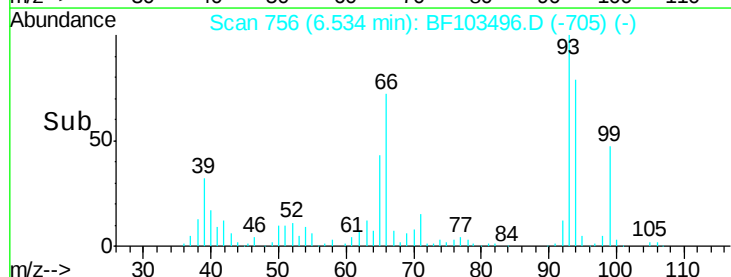
65 43.0 16.4 24.6#

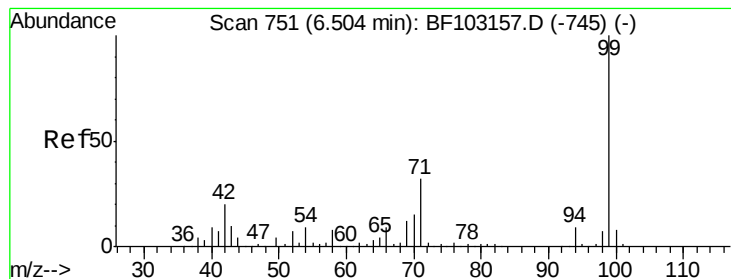


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.209 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

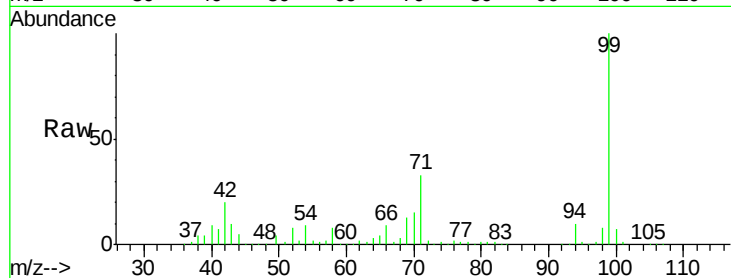
Tot Ion: 99 Resp: 1150046

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

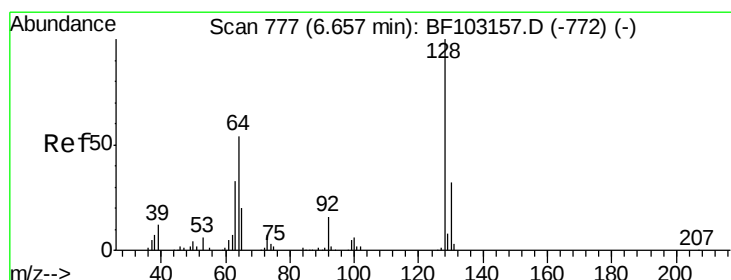
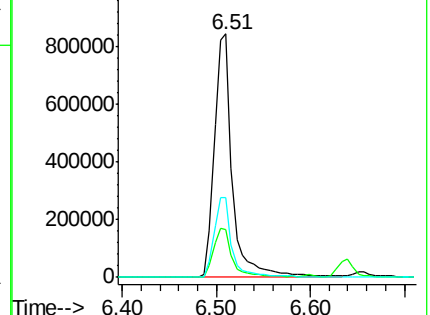
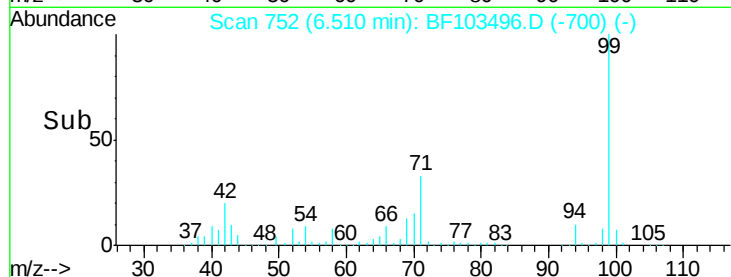
71 33.0 25.4 38.0



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: 38.747 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

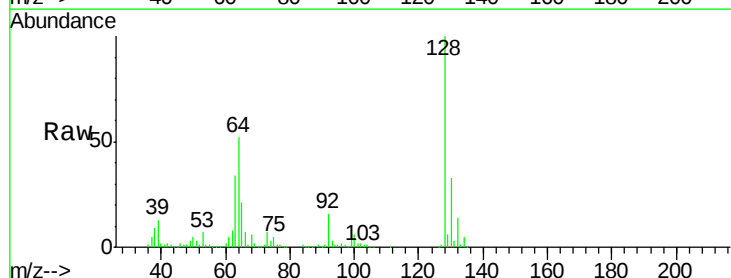
Tgt Ion:128 Resp: 356188

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

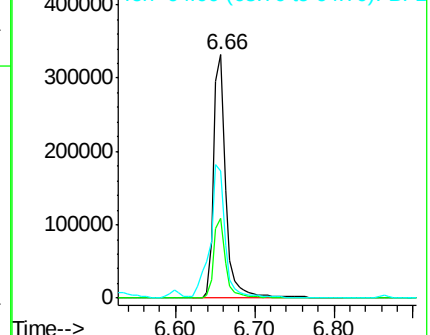
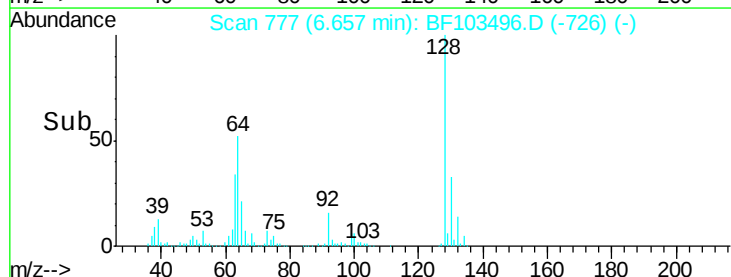
64 52.4 29.4 69.4

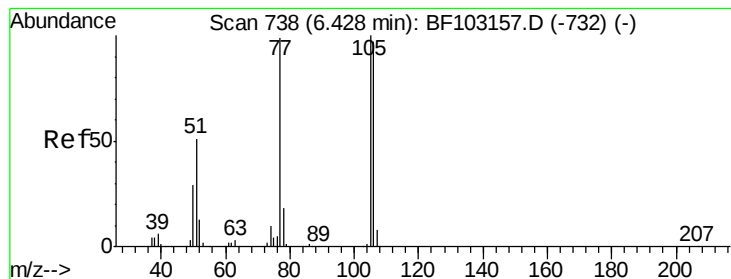


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.803 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

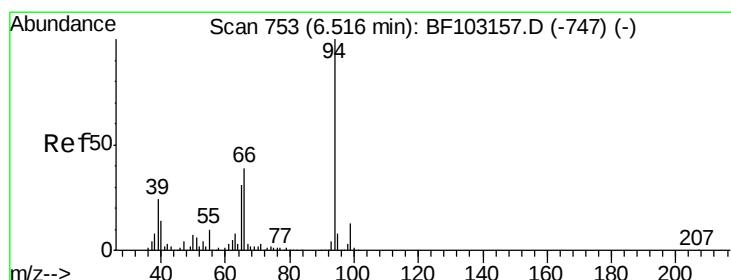
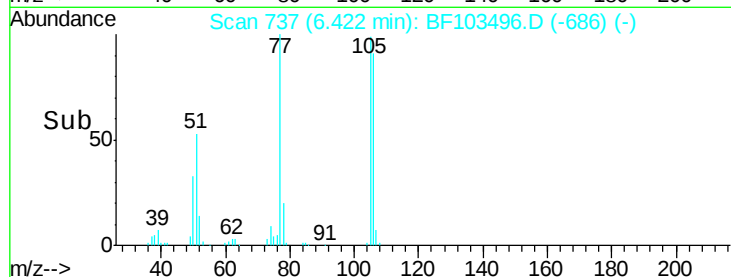
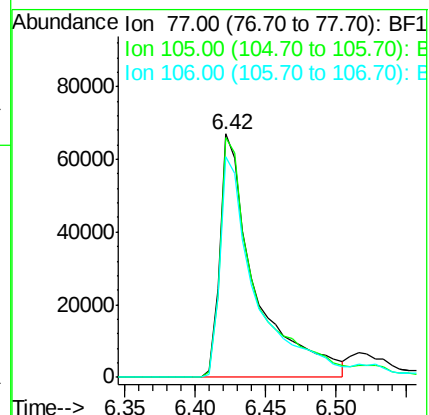
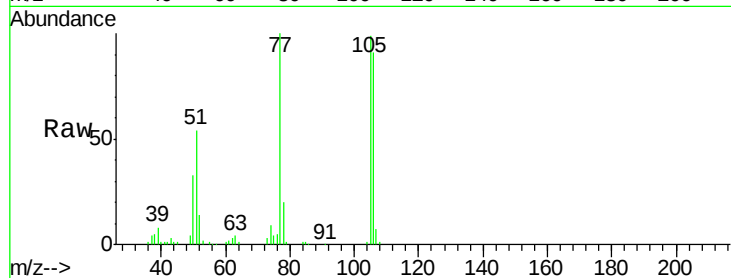
Tot Ion: 77 Resp: 117188

Ion Ratio Lower Upper

77 100

105 98.6 81.1 121.1

106 90.6 74.5 114.5



#10

Phenol

Concen: 36.254 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

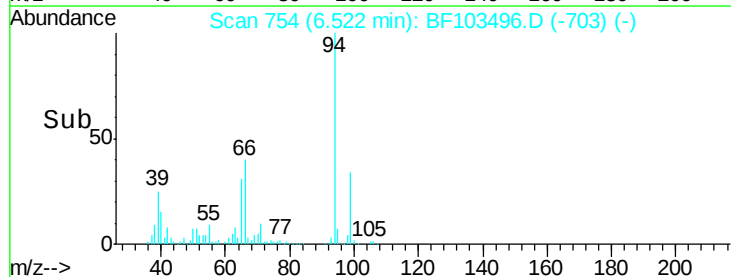
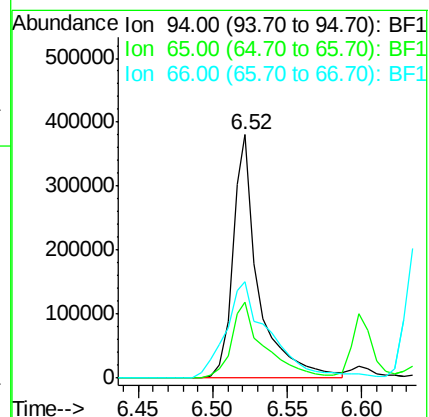
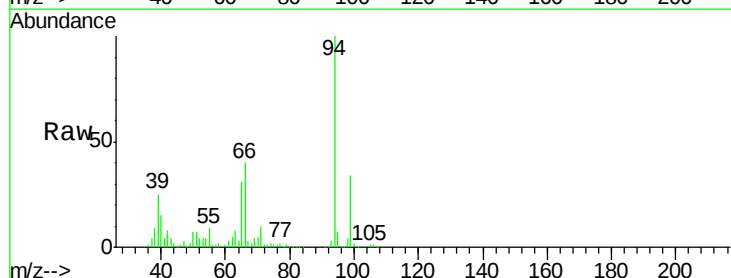
Tgt Ion: 94 Resp: 455727

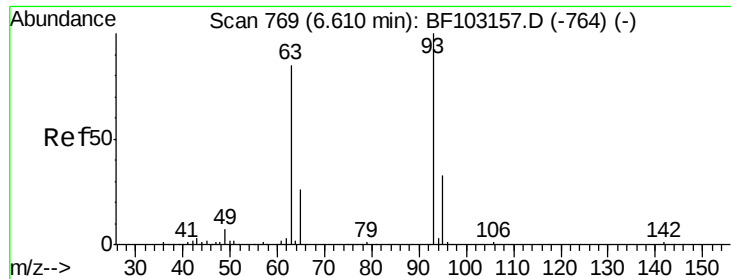
Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

66 39.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.206 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

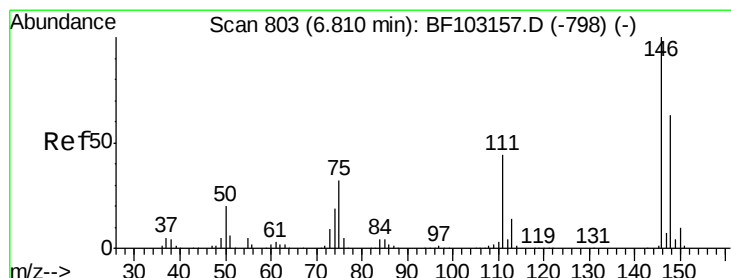
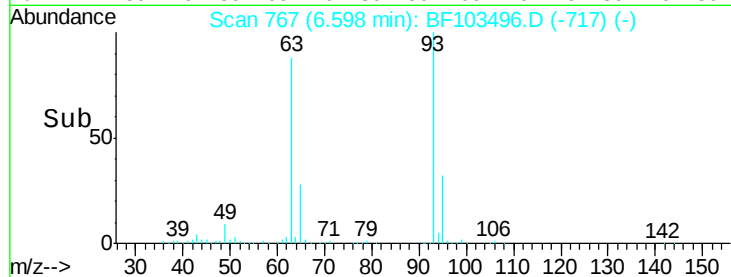
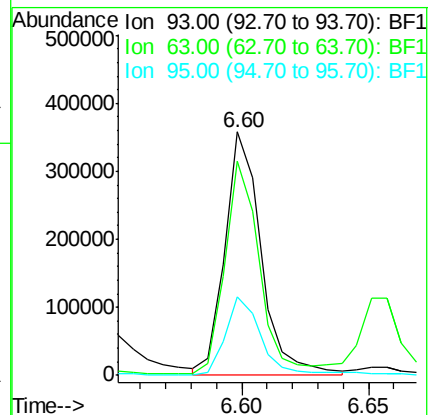
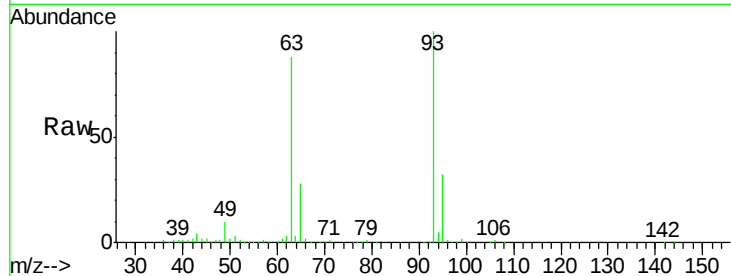
Tot Ion: 93 Resp: 354963

Ion Ratio Lower Upper

93 100

63 87.8 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.759 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

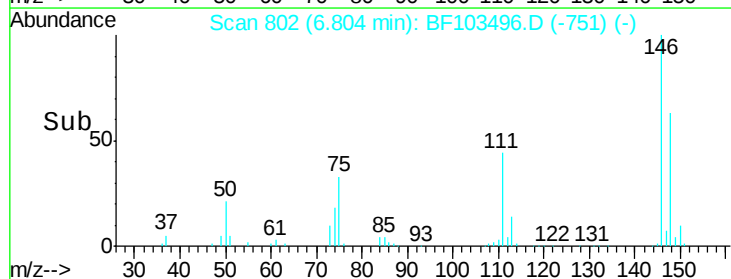
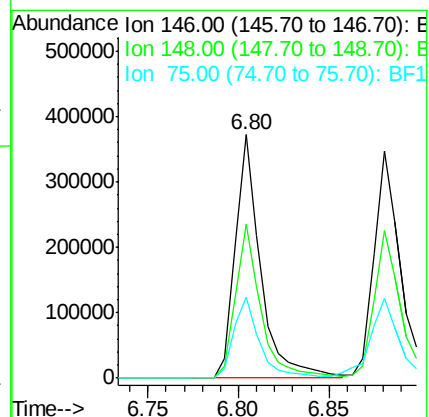
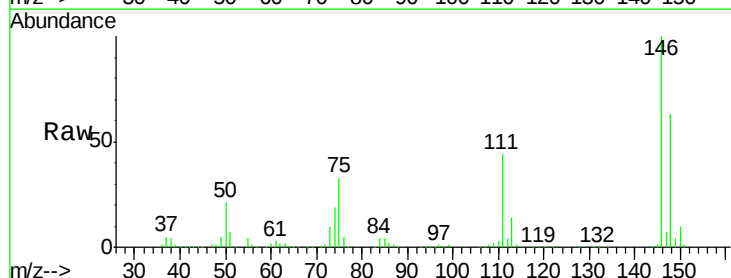
Tgt Ion: 146 Resp: 365154

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 33.4 24.2 36.4

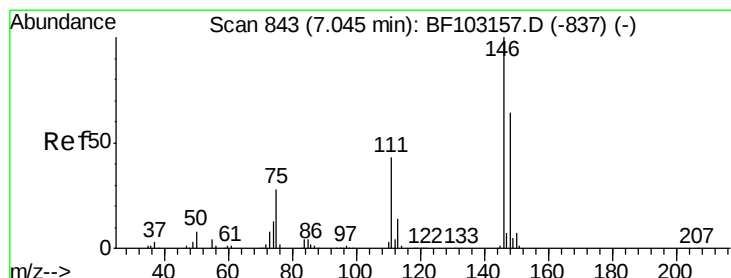
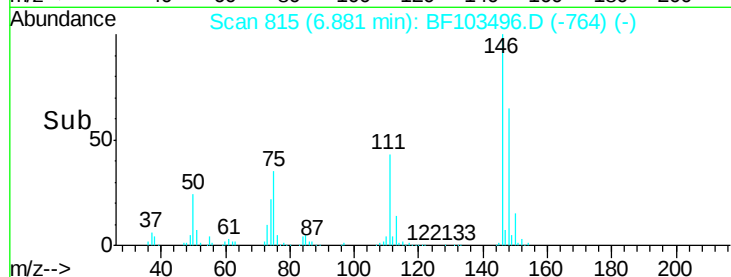
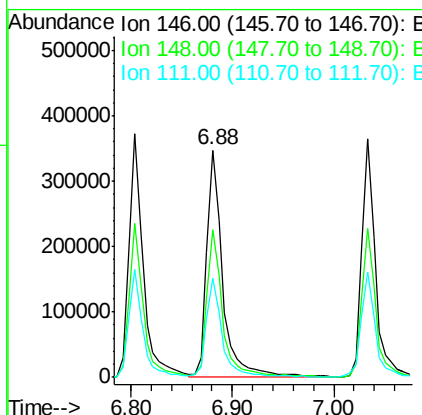
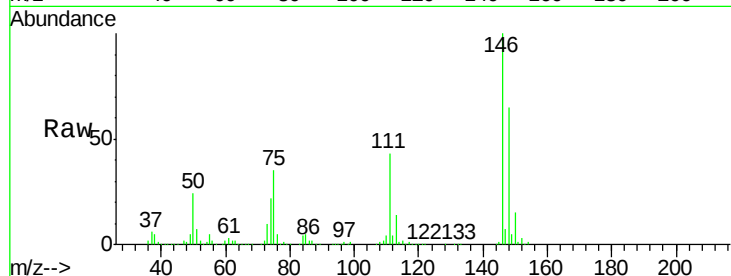




#13
 1,4-Dichlorobenzene
 Concen: 36.313 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

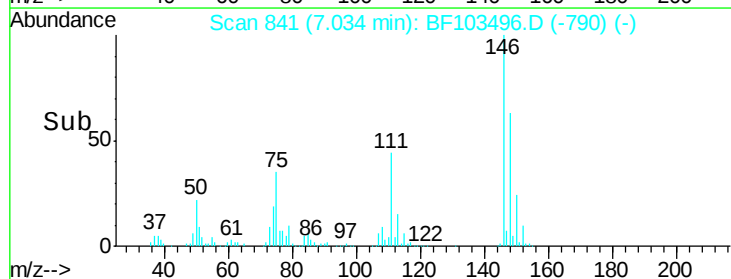
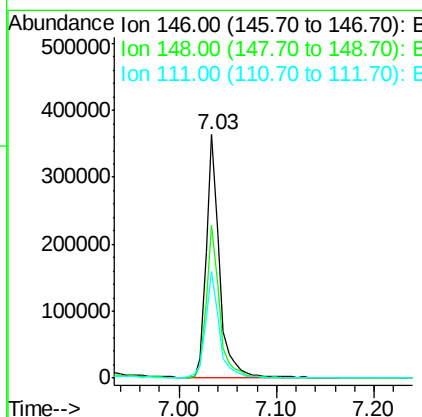
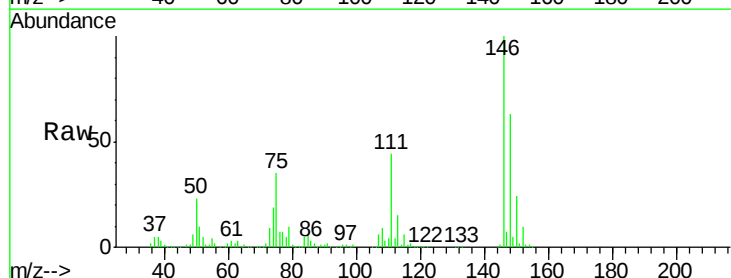
Instrument :
 BNA_F
 ClientSampled :

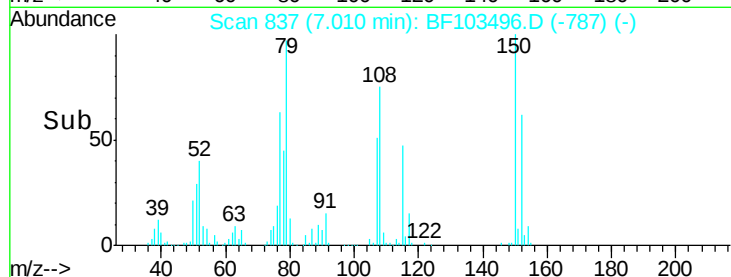
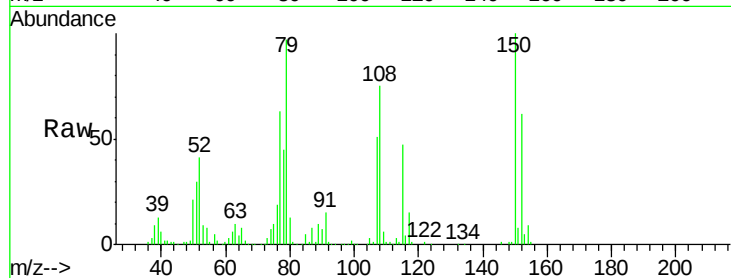
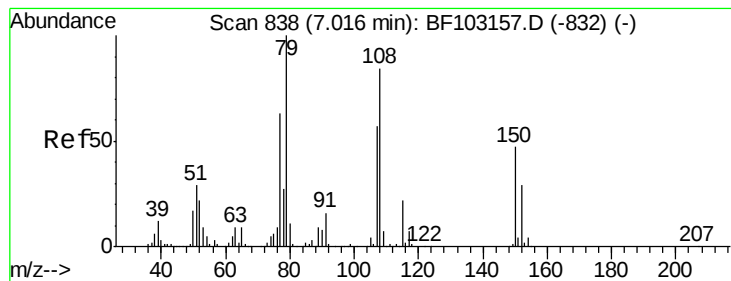
Tot Ion:146 Resp: 382458
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 43.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.876 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion:146 Resp: 338708
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 75.8
 111 44.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.706 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

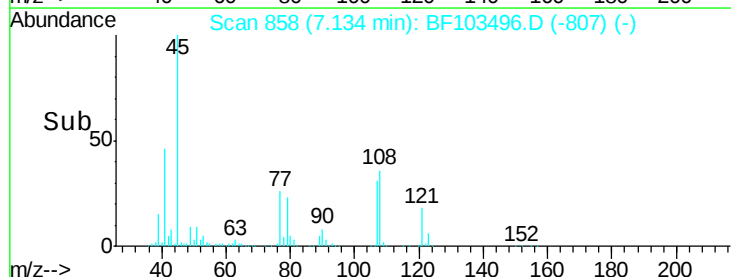
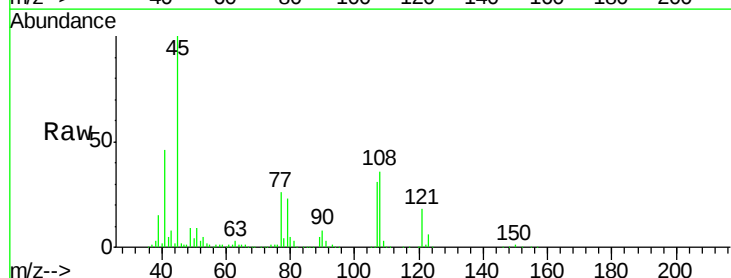
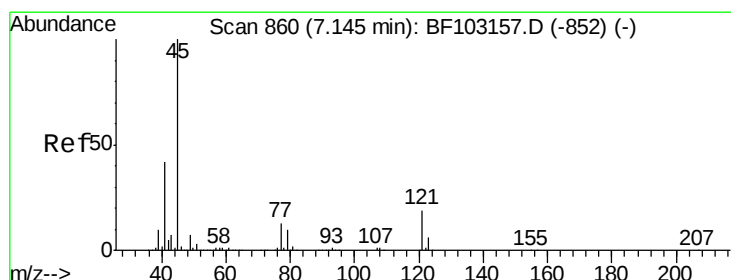
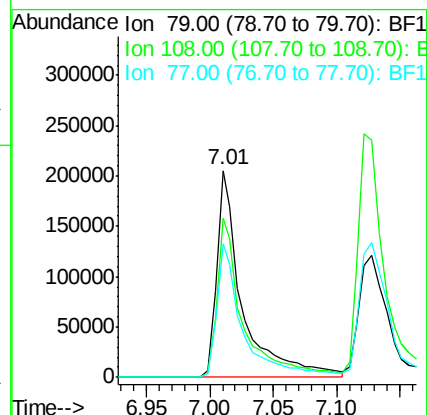
Tot Ion: 79 Resp: 291349

Ion Ratio Lower Upper

79 100

108 76.9 65.1 97.7

77 64.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.834 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

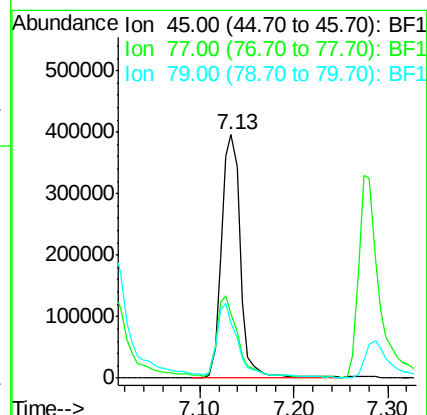
Tgt Ion: 45 Resp: 554305

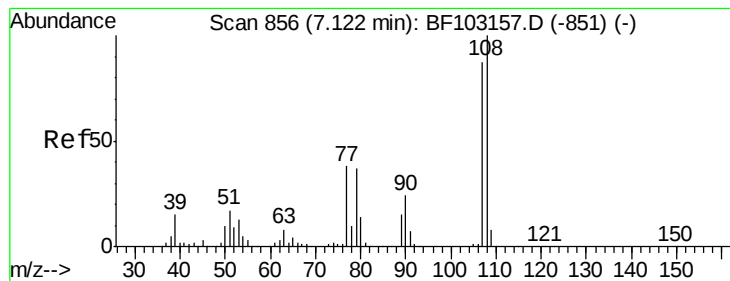
Ion Ratio Lower Upper

45 100

77 26.5 0.0 32.9

79 22.8 0.0 29.6

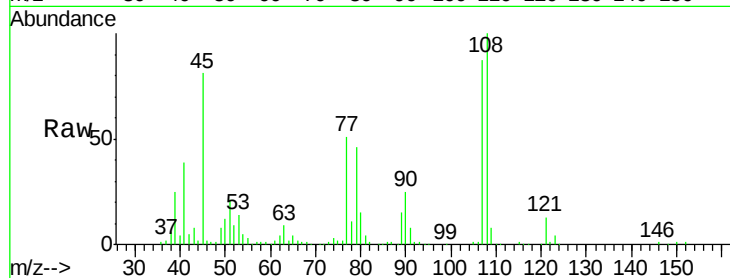




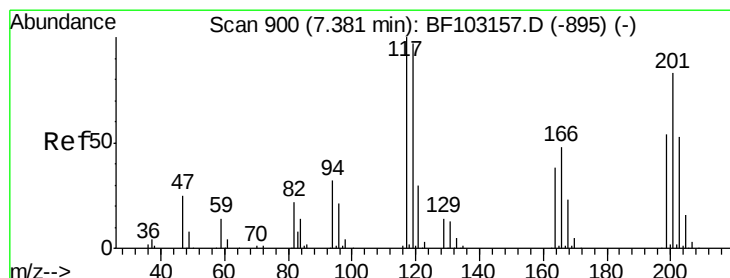
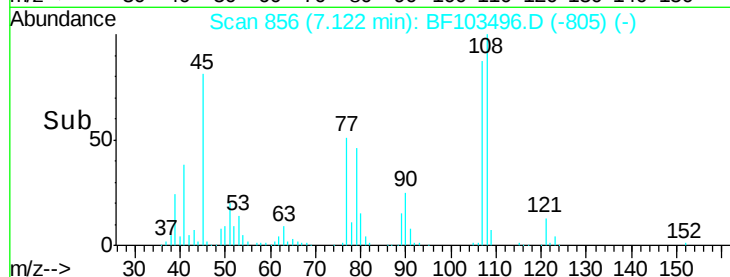
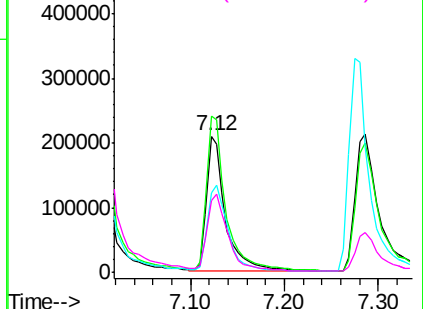
#17
2-Methylphenol
Concen: 36.018 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 300897
Ion Ratio Lower Upper
107 100
108 114.9 91.7 137.5
77 58.3 33.8 50.8#
79 52.6 33.8 50.8#

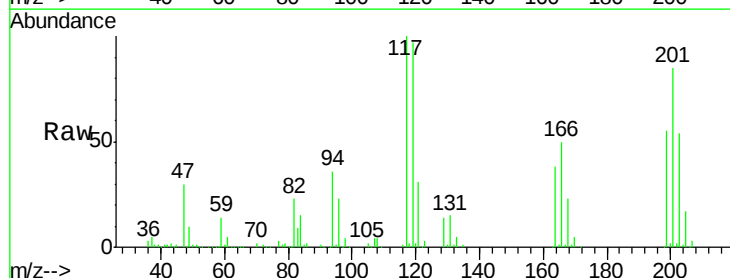


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

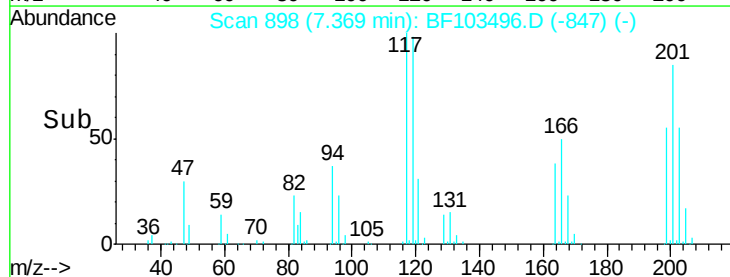
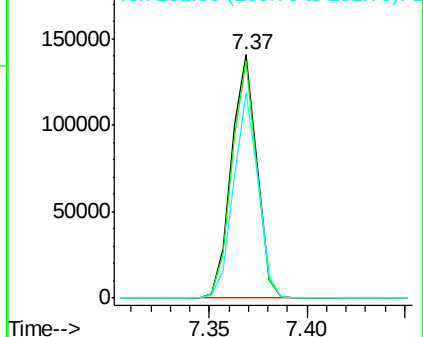


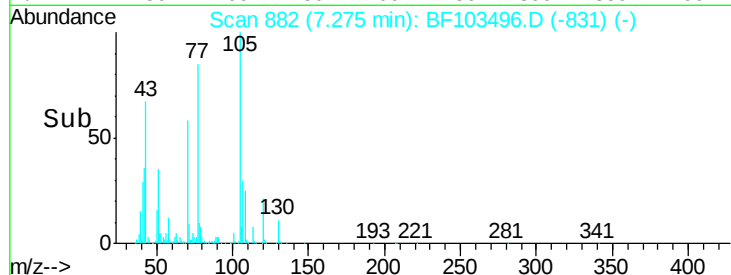
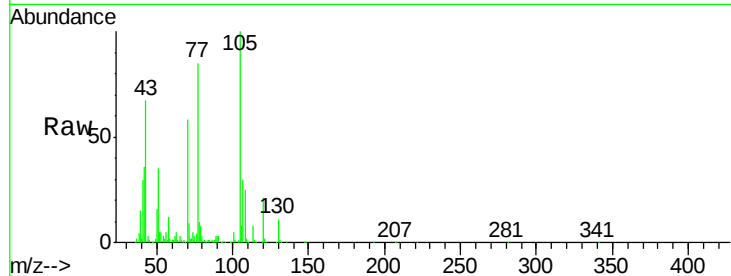
#18
Hexachloroethane
Concen: 33.111 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:117 Resp: 126954
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 84.5 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

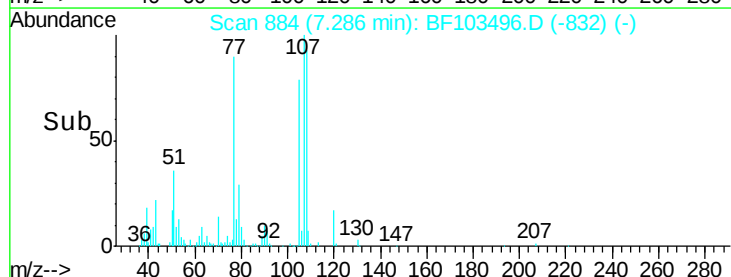
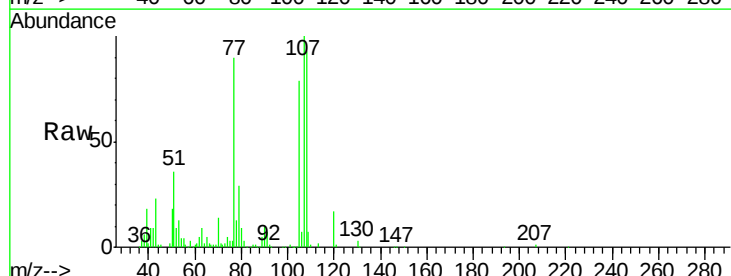
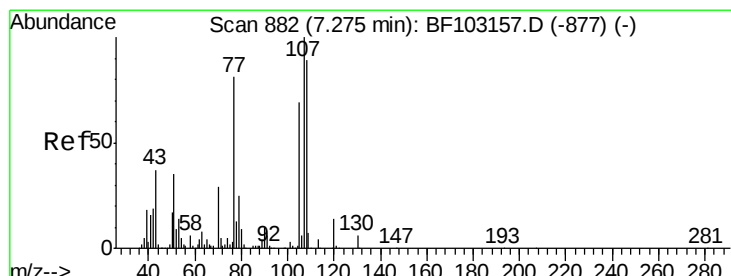
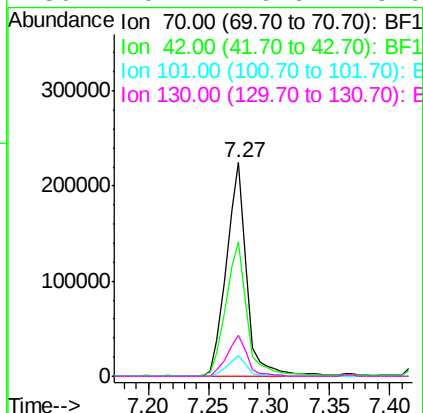




#19
n-Nitroso-di-n-propylamine
Concen: 38.933 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

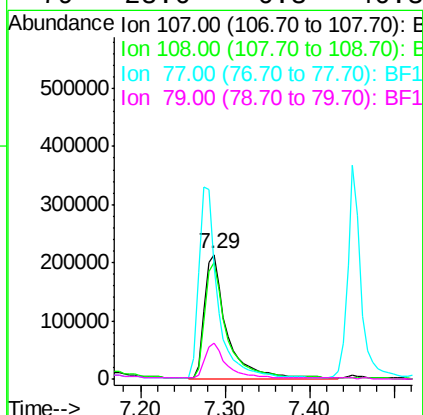
Instrument :
BNA_F
ClientSampleId :

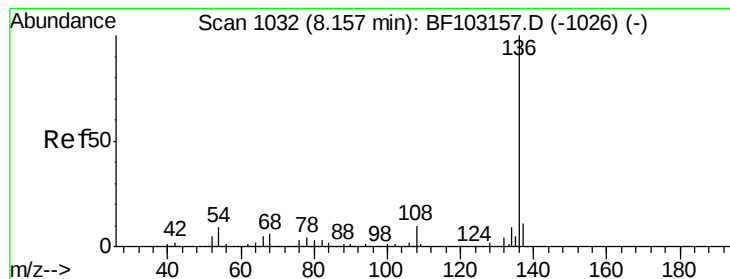
Tot Ion: 70 Resp: 262371
Ion Ratio Lower Upper
70 100
42 63.1 47.5 71.3
101 9.3 7.4 11.2
130 19.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.097 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:107 Resp: 398145
Ion Ratio Lower Upper
107 100
108 93.5 68.2 108.2
77 90.2 26.7 66.7#
79 28.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 566160

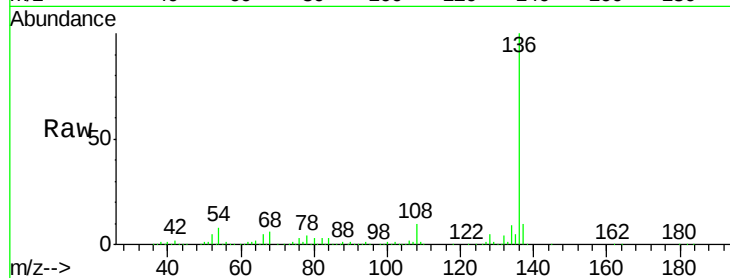
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.3 6.6 9.8

68 5.7 5.0 7.4

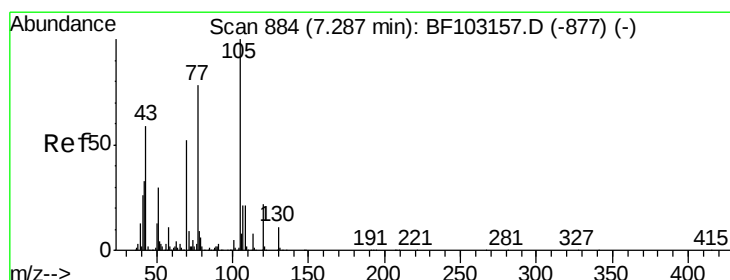
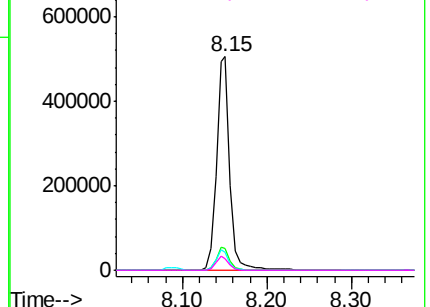
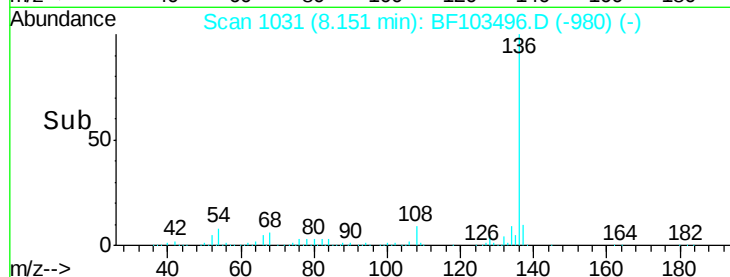


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.947 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Tgt Ion:105 Resp: 501474

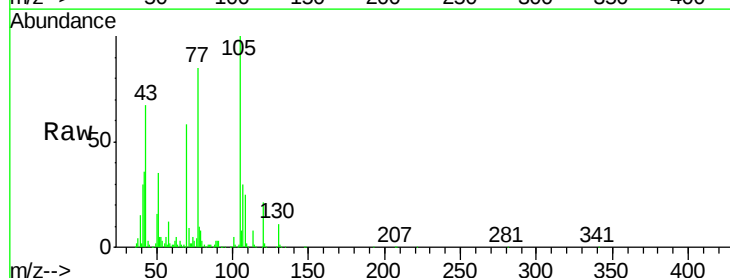
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 35.1 22.3 33.5#

120 21.4 16.9 25.3

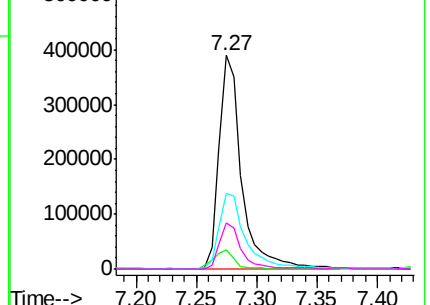
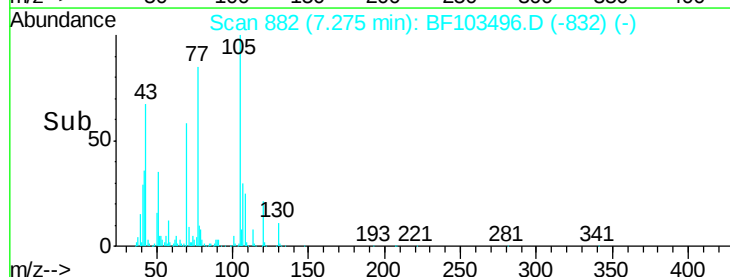


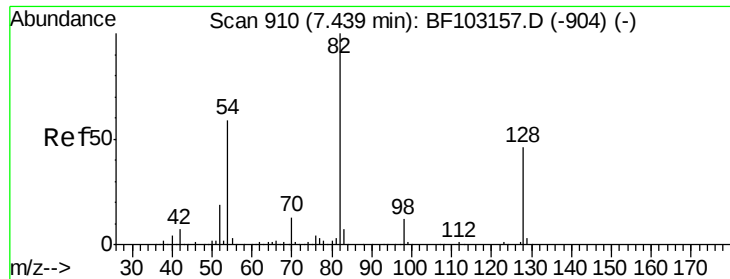
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

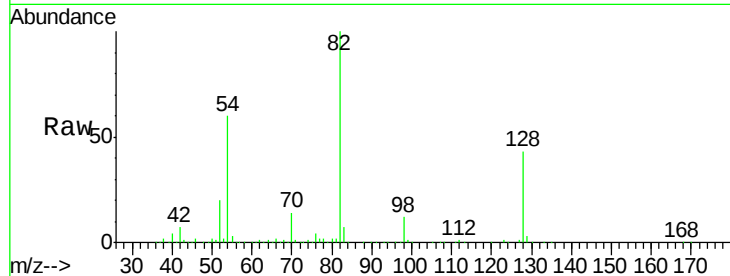




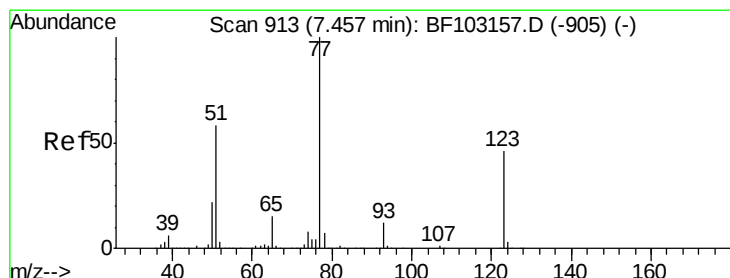
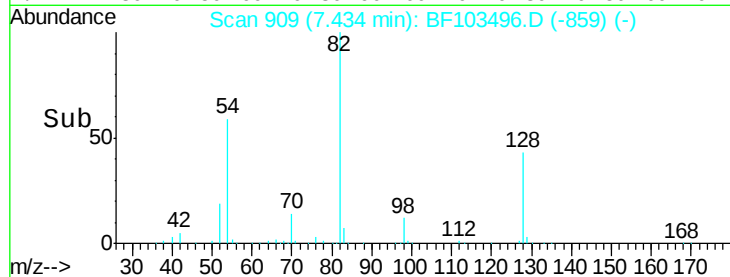
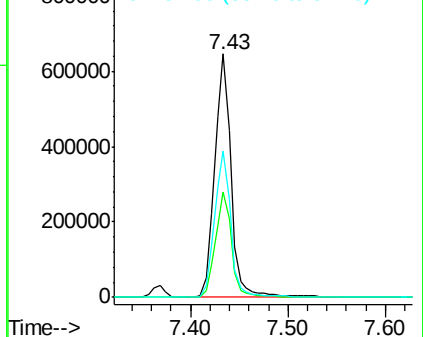
#23
 Nitrobenzene-d5
 Concen: 76.097 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 754411
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 60.0 41.4 62.2

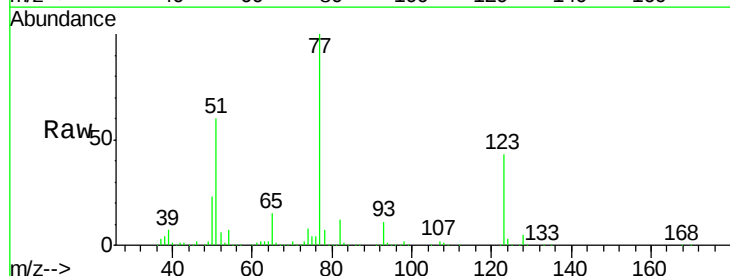


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

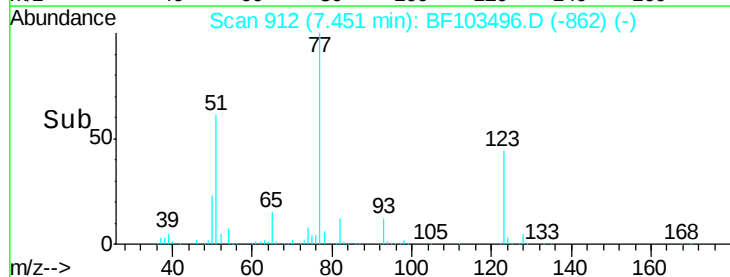
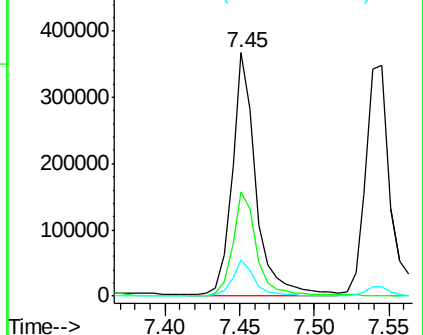


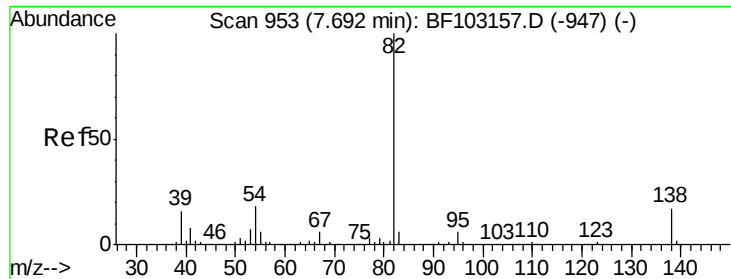
#24
 Nitrobenzene
 Concen: 37.315 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion: 77 Resp: 407290
 Ion Ratio Lower Upper
 77 100
 123 42.8 37.9 56.9
 65 14.7 11.0 16.4



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





#25

Isophorone

Concen: 37.132 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

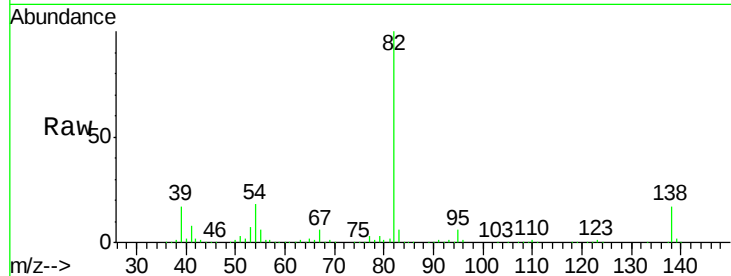
Tot Ion: 82 Resp: 725017

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

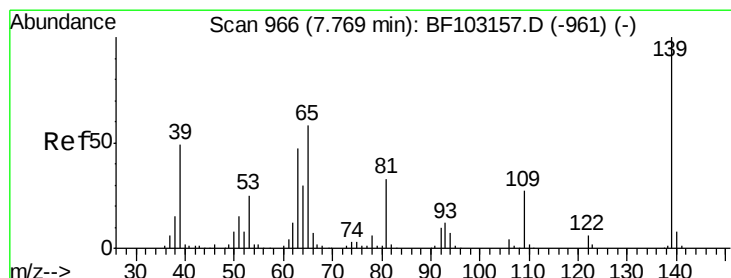
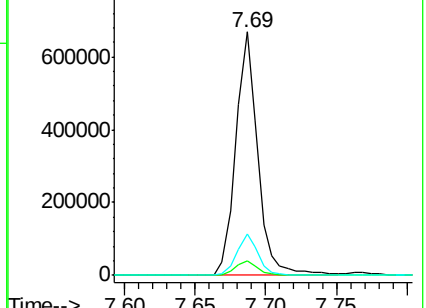
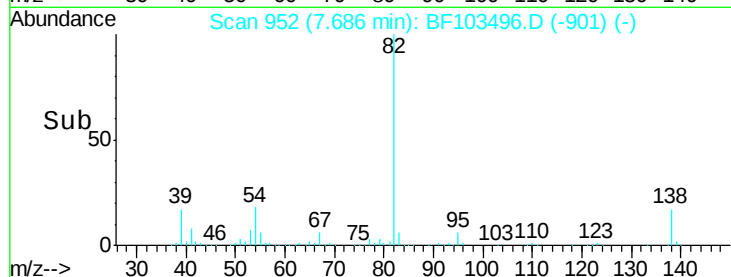
138 16.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.995 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

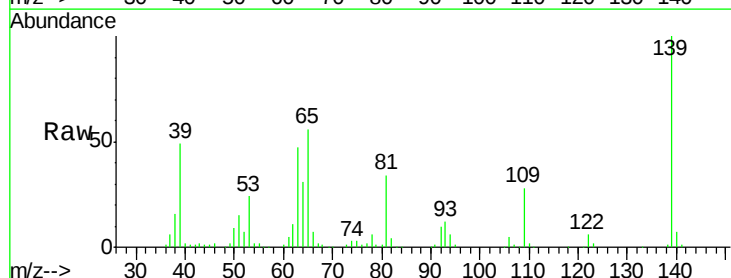
Tgt Ion: 139 Resp: 184959

Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

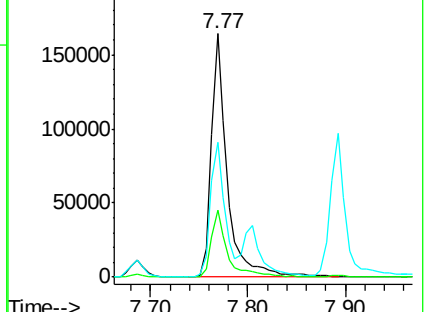
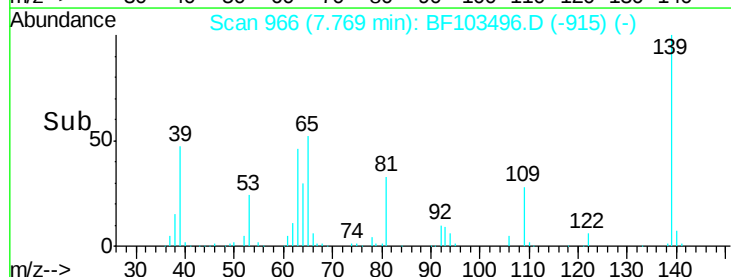
65 55.6 40.5 60.7

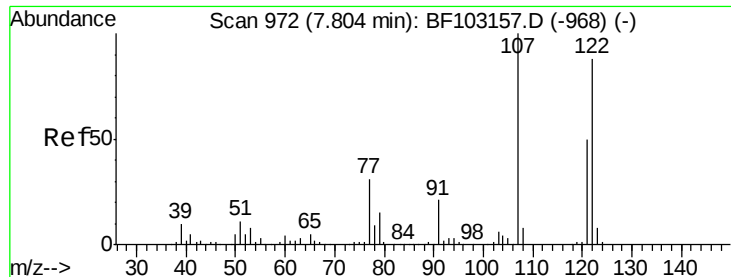


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

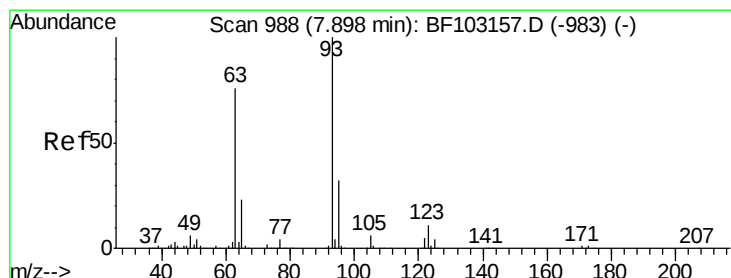
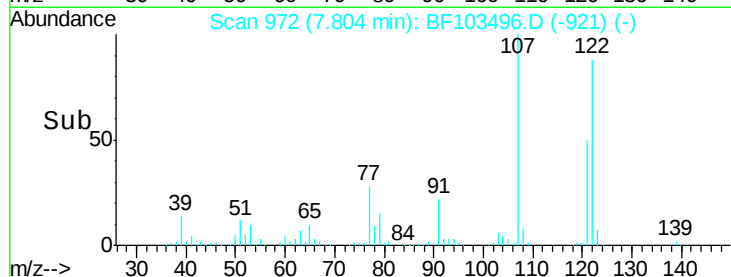
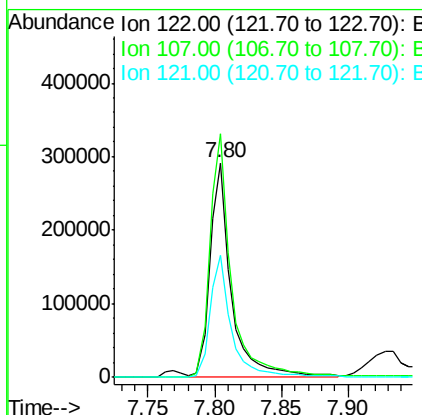
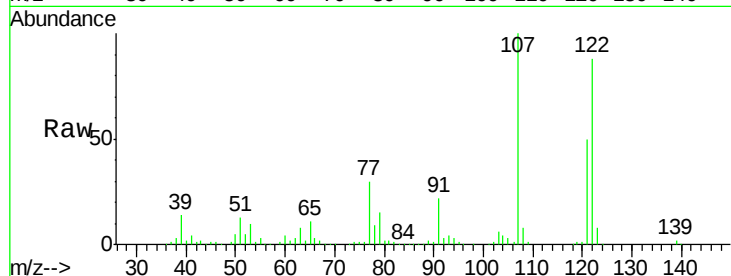




#27
2,4-Dimethylphenol
Concen: 41.008 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

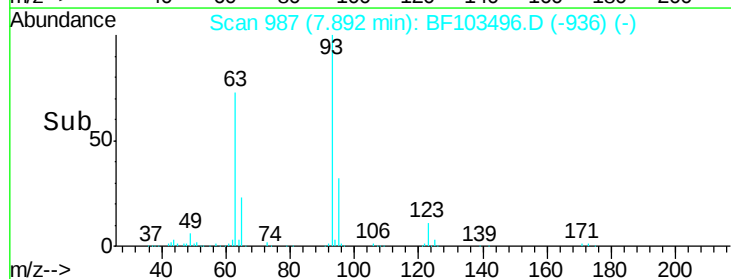
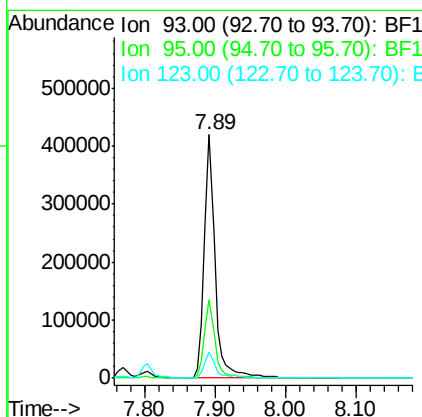
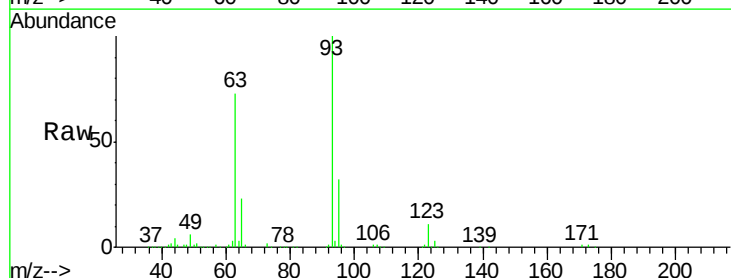
Instrument :
BNA_F
ClientSampleId :

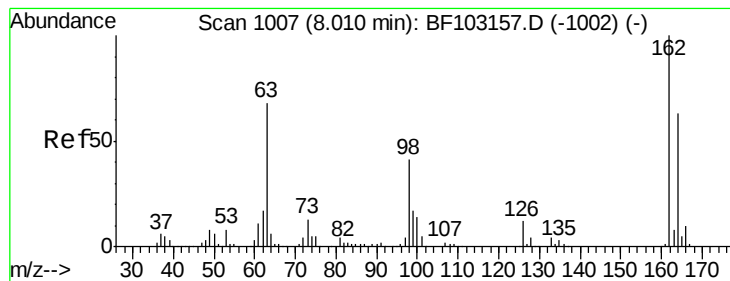
Tot Ion:122 Resp: 322083
Ion Ratio Lower Upper
122 100
107 113.6 91.2 136.8
121 57.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.299 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion: 93 Resp: 451141
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 10.7 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.984 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

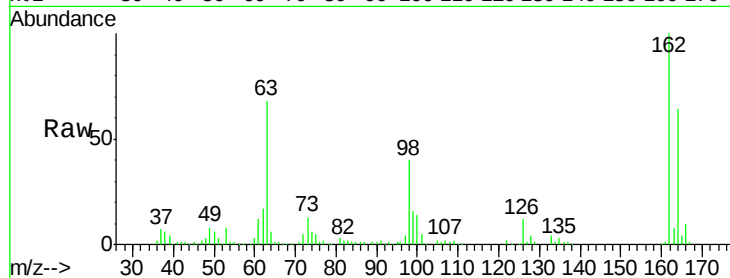
Tot Ion:162 Resp: 300671

Ion Ratio Lower Upper

162 100

164 63.7 42.7 82.7

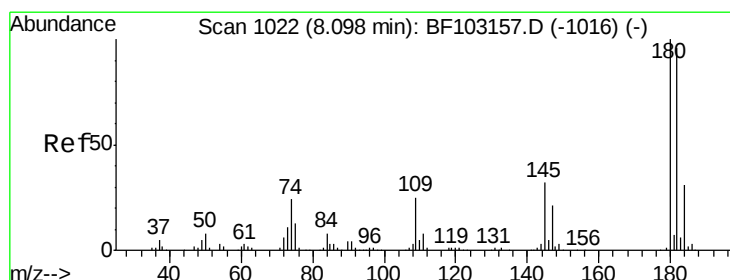
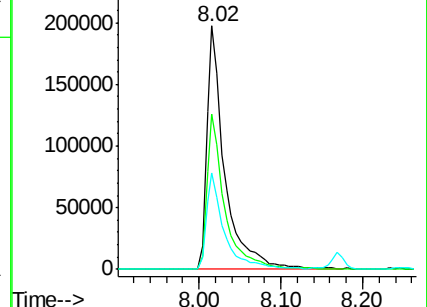
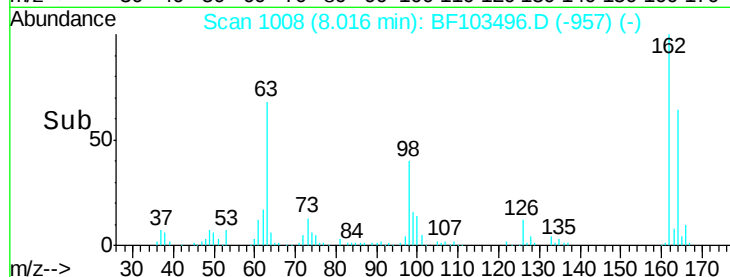
98 39.6 18.1 58.1



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: 34.094 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

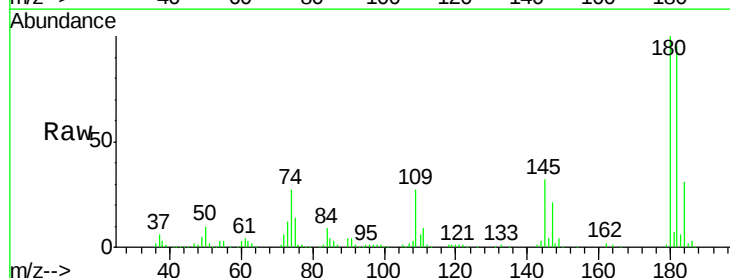
Tgt Ion:180 Resp: 273016

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

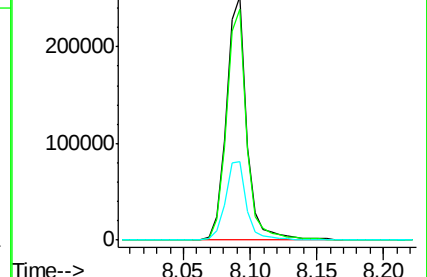
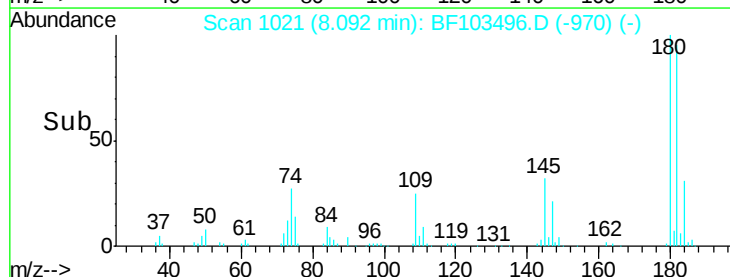
145 32.4 26.5 39.7

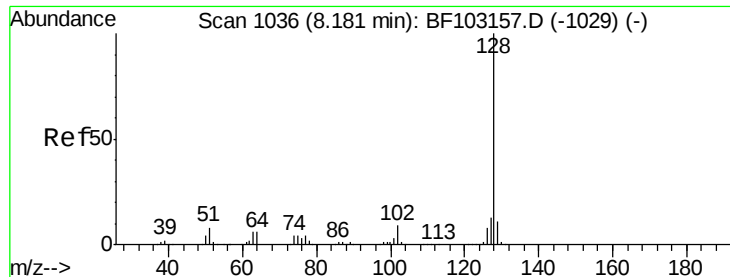


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

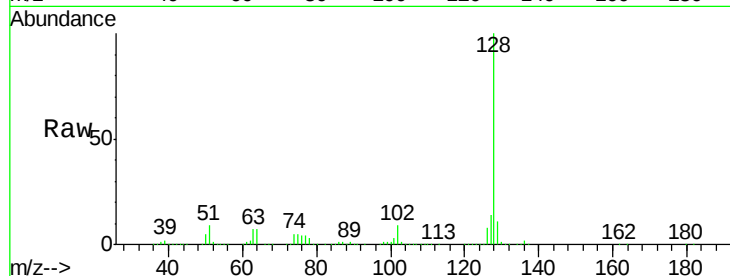




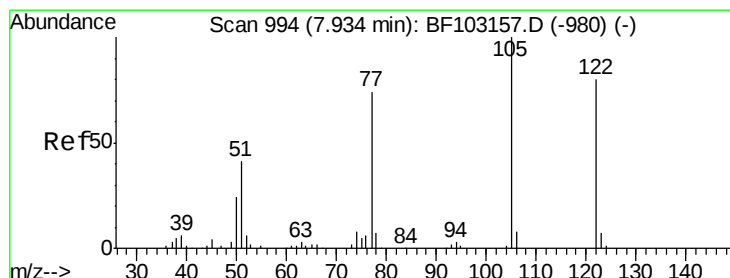
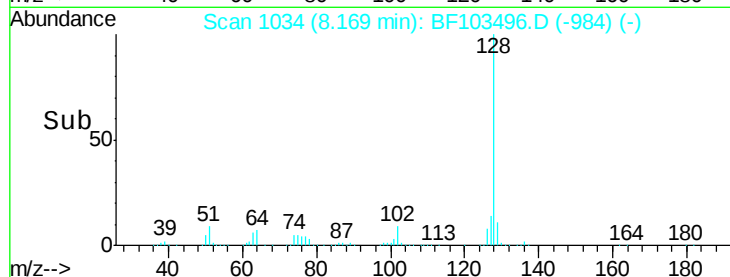
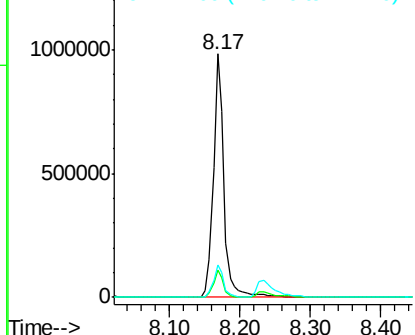
#31
Naphthalene
Concen: 37.510 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1039710
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

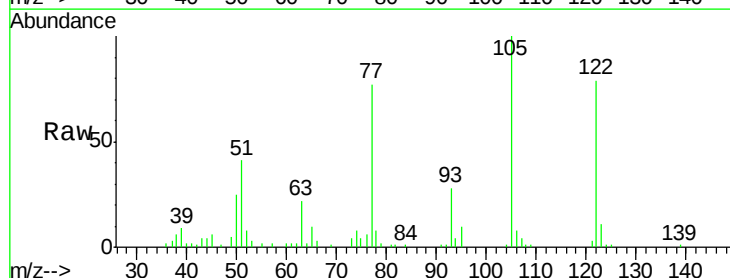


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

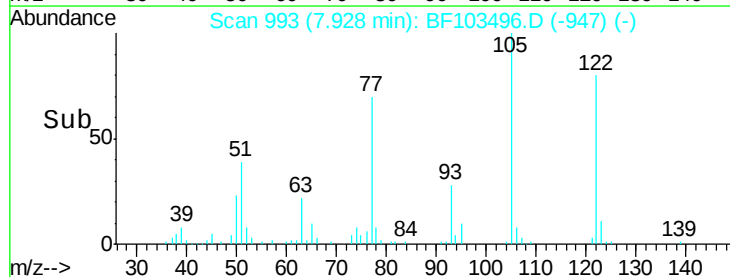
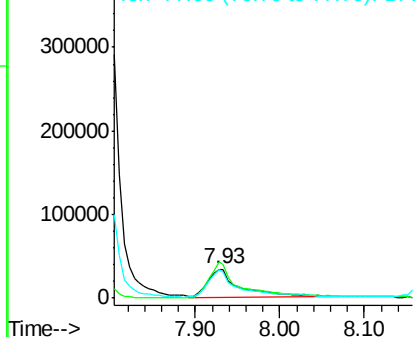


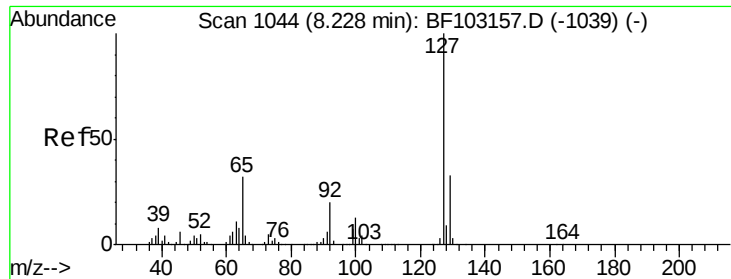
#32
Benzoic acid
Concen: 19.643 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:122 Resp: 86653
Ion Ratio Lower Upper
122 100
105 126.3 101.1 141.1
77 96.9 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

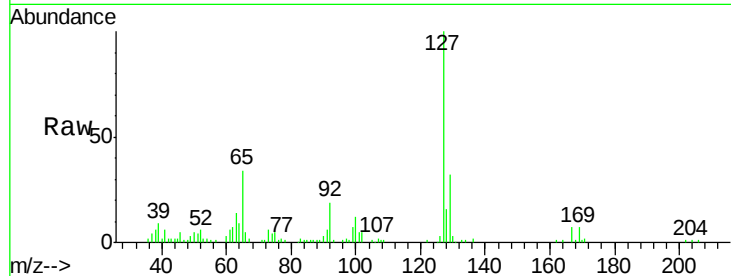




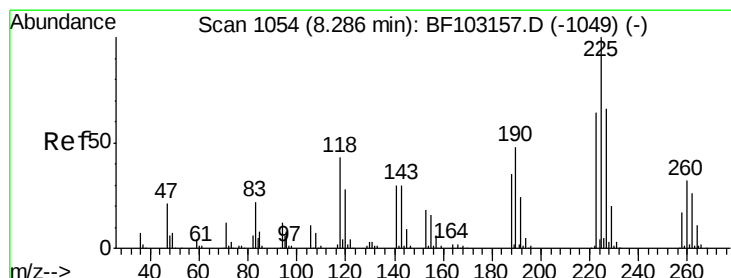
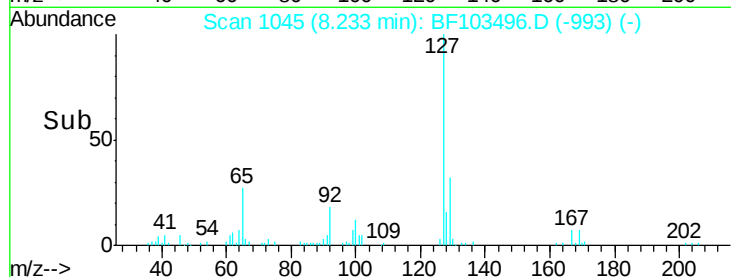
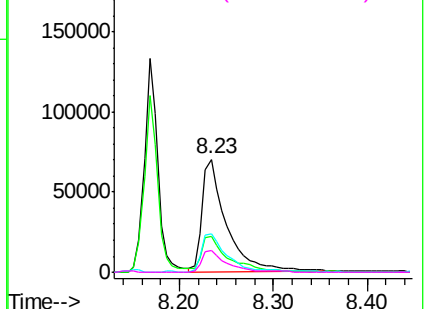
#33
4-Chloroaniline
Concen: 10.736 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	128417
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	33.6	25.0	37.4
92	19.0	15.2	22.8

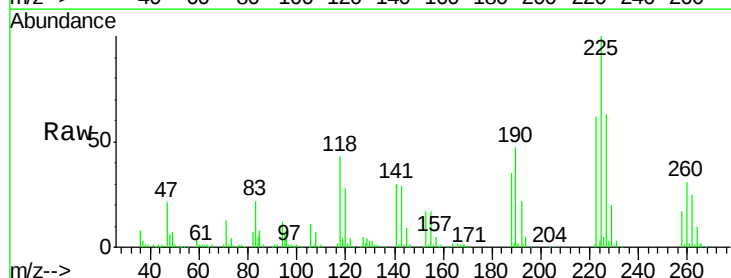


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

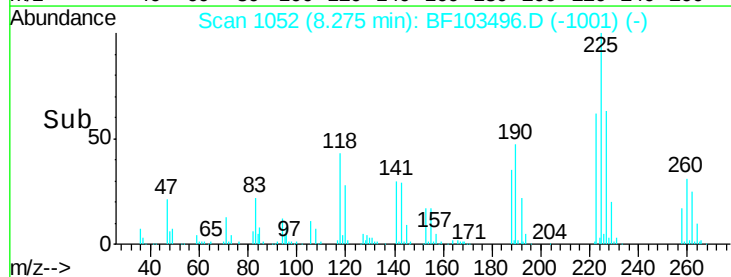
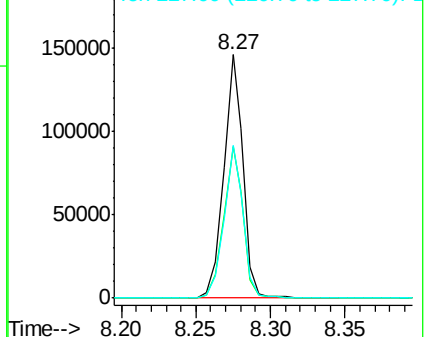


#34
Hexachlorobutadiene
Concen: 32.033 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:	225	Resp:	133574
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	62.6	51.9	77.9



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

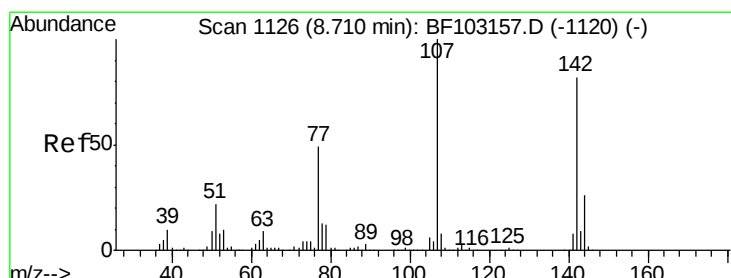
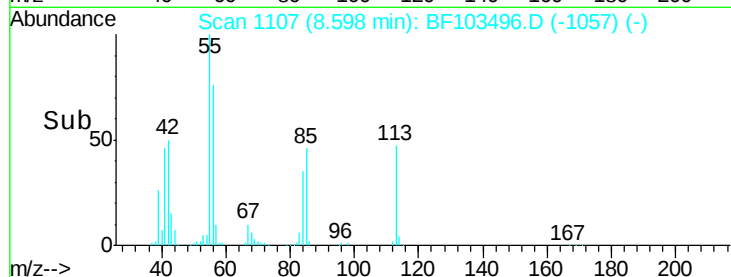
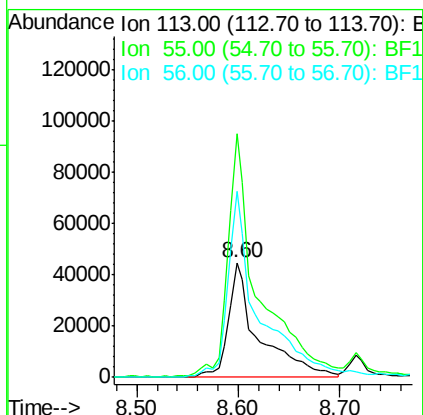
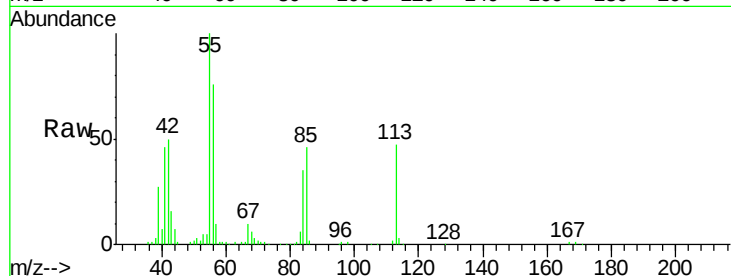




#35
Caprolactam
Concen: 35.298 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

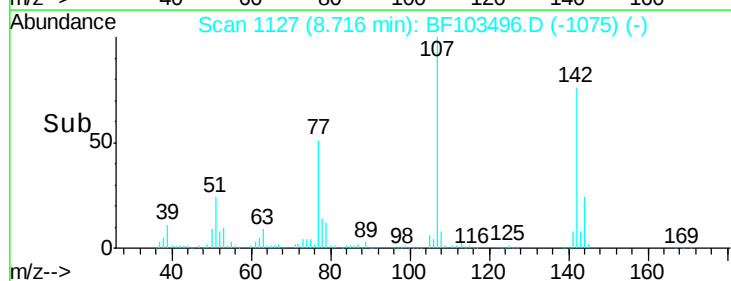
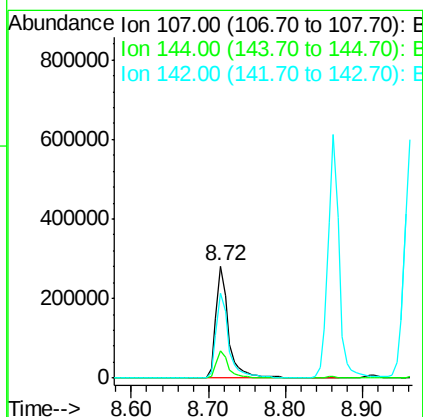
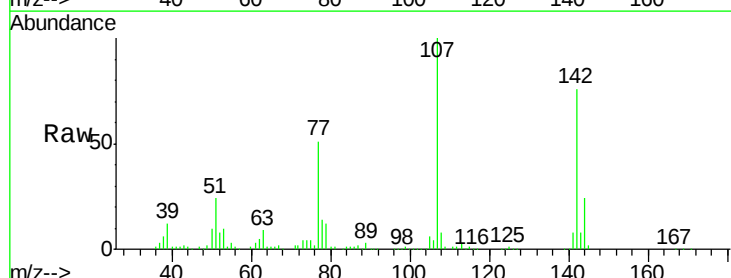
Instrument :
BNA_F
ClientSampleId :

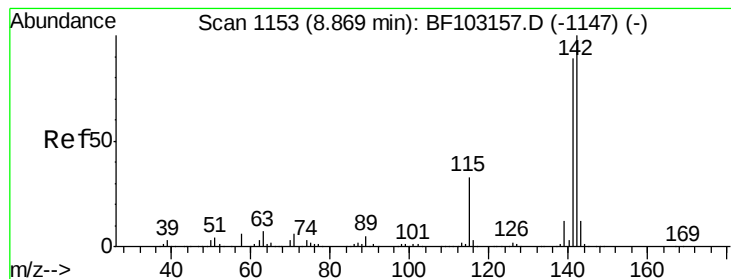
Tot Ion:113 Resp: 93288
Ion Ratio Lower Upper
113 100
55 212.6 163.3 203.3#
56 162.3 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 37.483 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:107 Resp: 317915
Ion Ratio Lower Upper
107 100
144 24.4 20.5 30.7
142 76.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 34.755 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

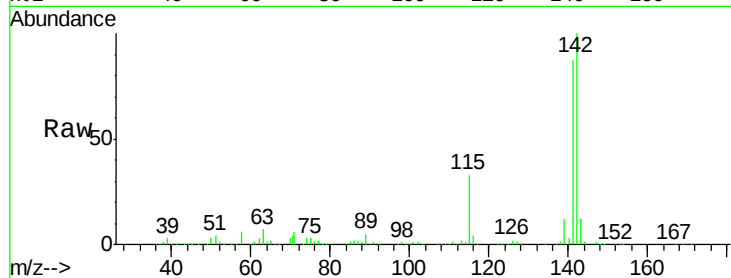
Tot Ion:142 Resp: 622597

Ion Ratio Lower Upper

142 100

141 86.9 70.8 106.2

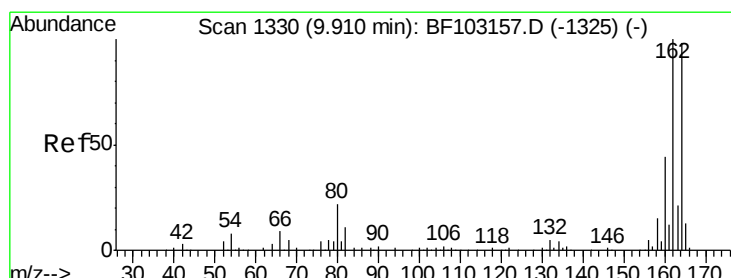
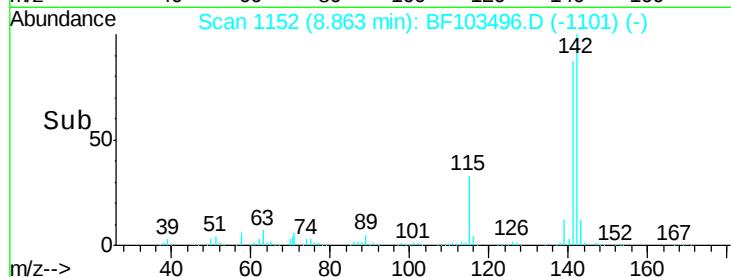
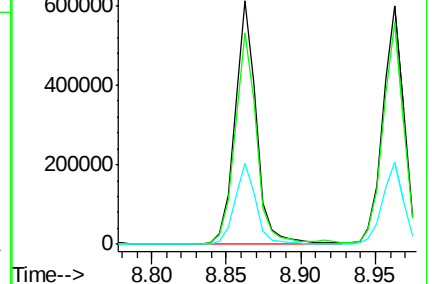
115 33.1 26.1 39.1



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: BF103496.D

Acq: 7 Mar 2018 13:08

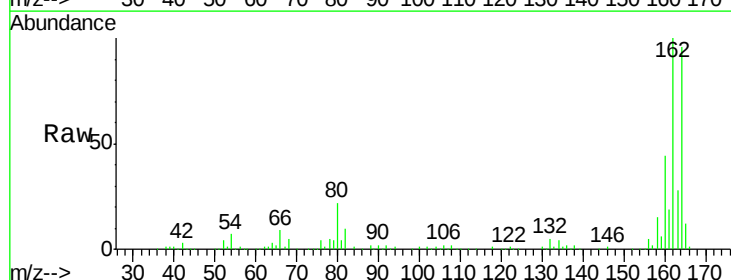
Tgt Ion:164 Resp: 235072

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

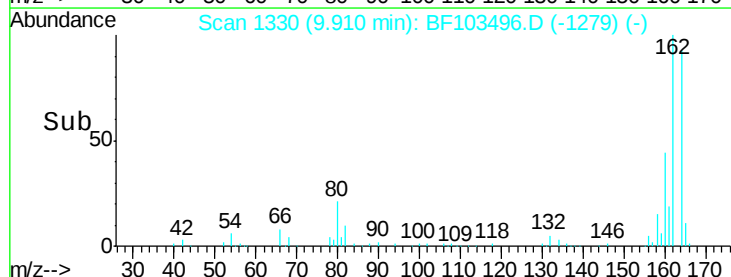
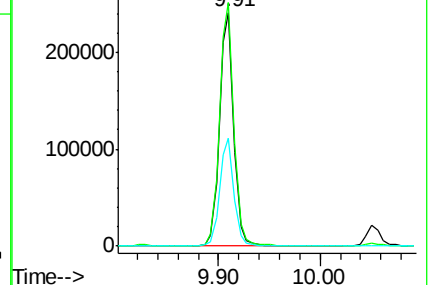
160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

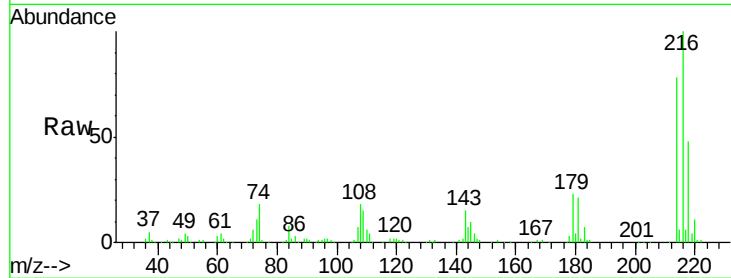




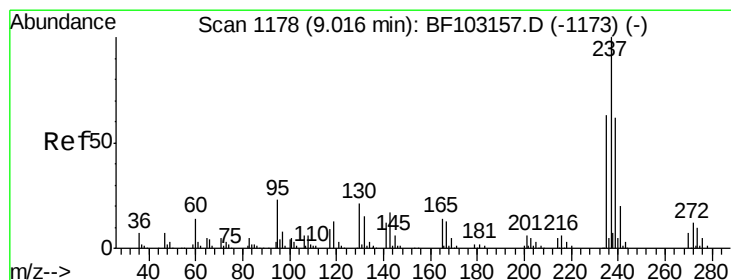
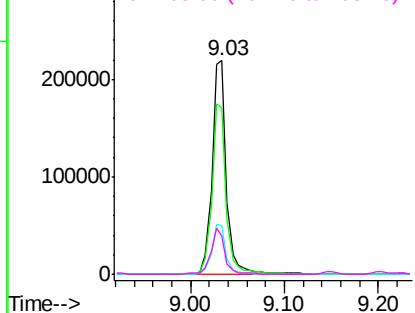
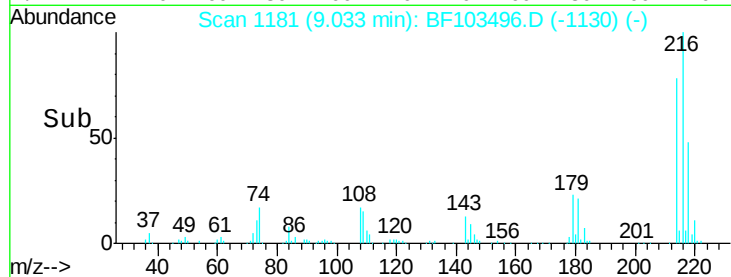
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.900 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	237133
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	23.1	18.1	27.1
108	21.4	17.2	25.8

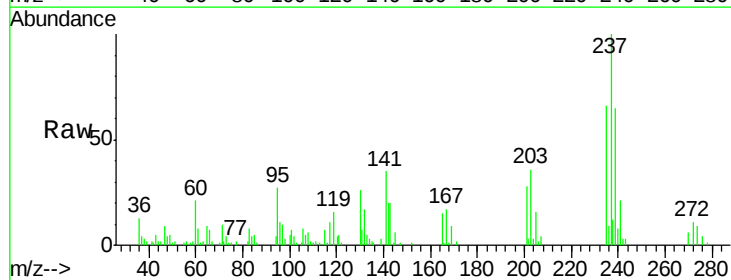


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

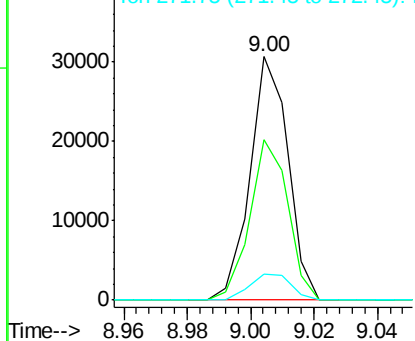
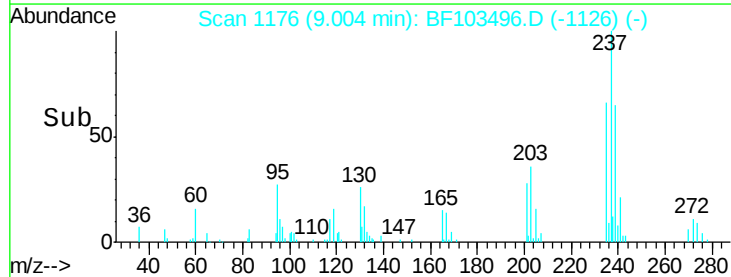


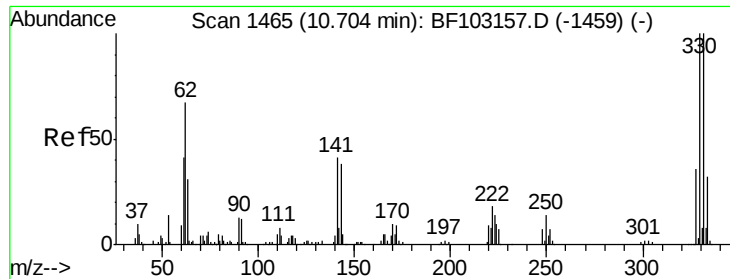
#40
 Hexachlorocyclopentadiene
 Concen: 18.899 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion:	237	Resp:	25526
Ion	Ratio	Lower	Upper
237	100		
235	66.0	44.8	84.8
272	10.8	0.0	33.3



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

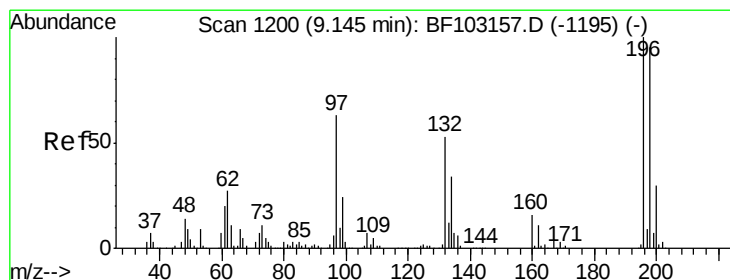
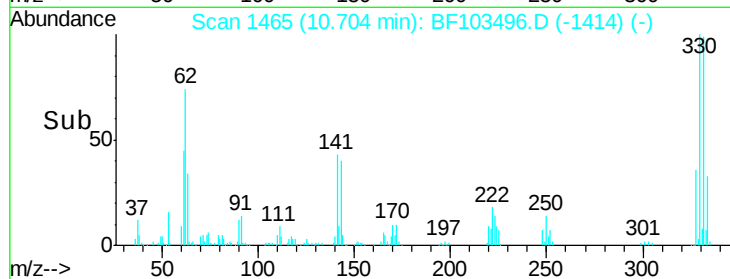
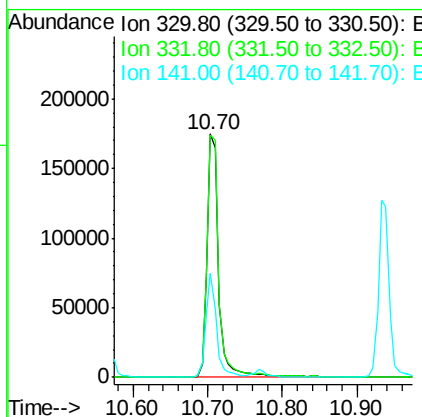
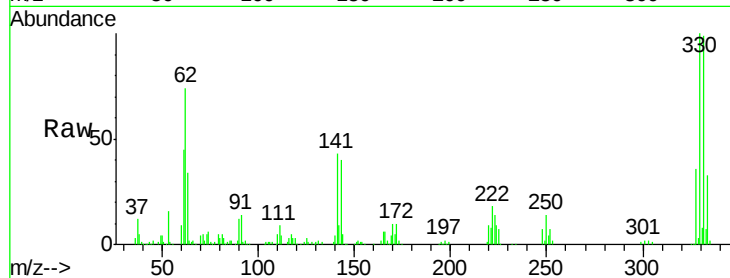




#41
 2,4,6-Tribromophenol
 Concen: 96.706 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

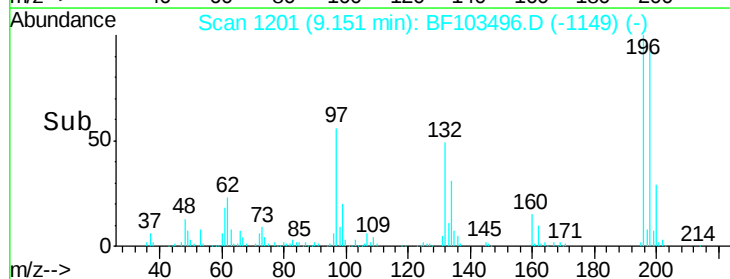
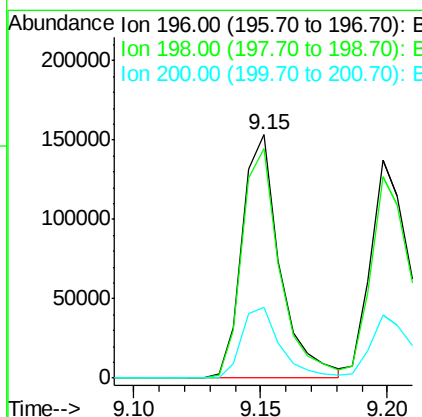
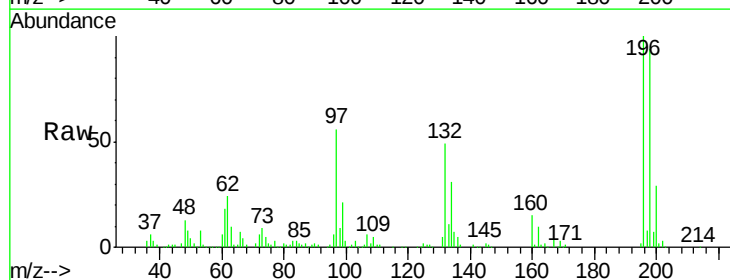
Instrument :
 BNA_F
 ClientSampleId :

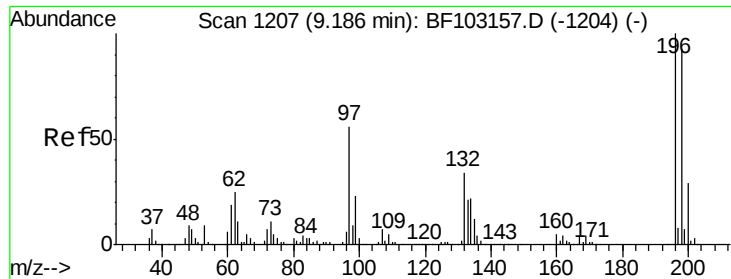
Tot Ion:330 Resp: 192422
 Ion Ratio Lower Upper
 330 100
 332 101.4 77.0 115.6
 141 38.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.860 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion:196 Resp: 159387
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 29.1 24.5 36.7

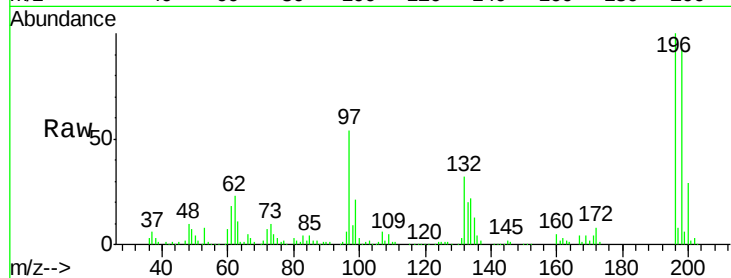




#43
 2,4,5-Trichlorophenol
 Concen: 34.434 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.6	112.0
97	53.8	42.9	64.3
132	32.4	26.3	39.5



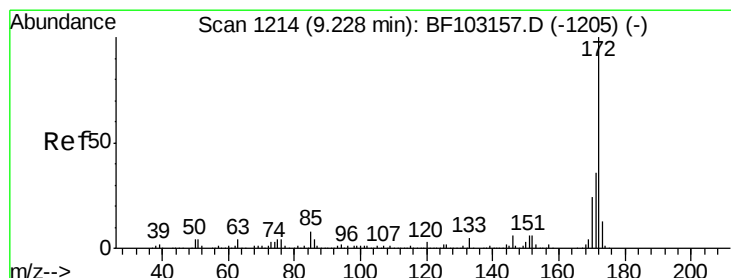
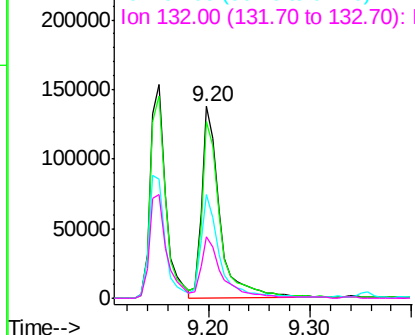
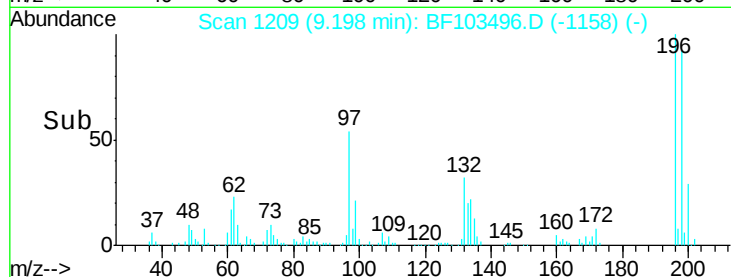
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

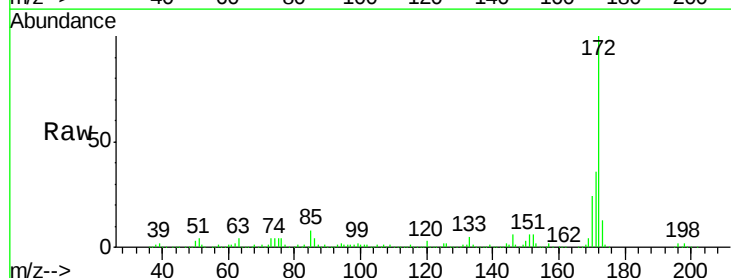
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.564 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

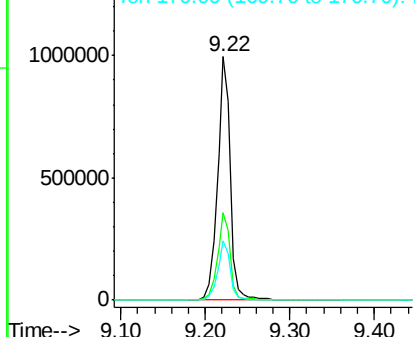
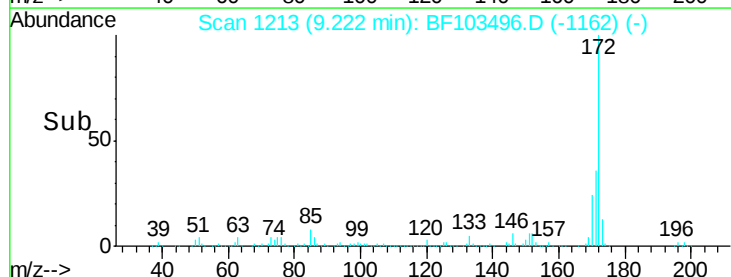


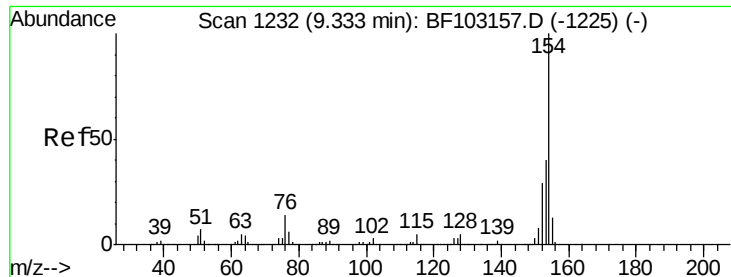
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

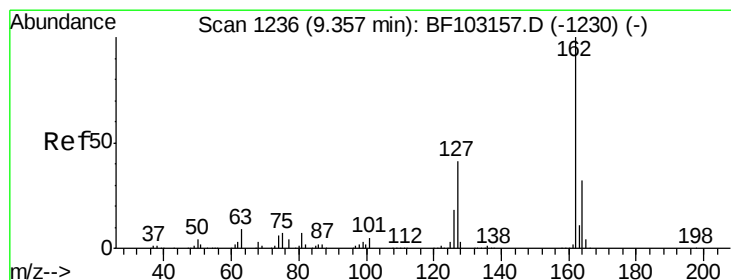
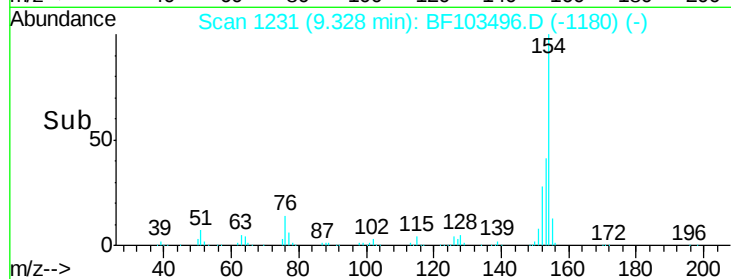
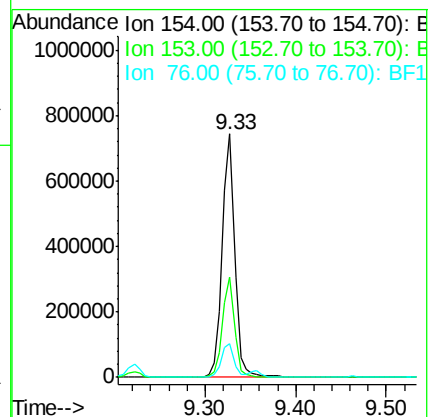
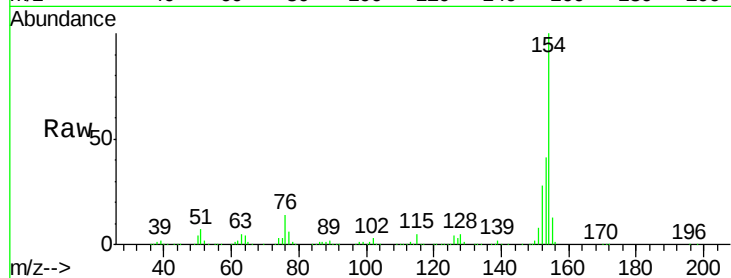




#45
 1,1'-Biphenyl
 Concen: 36.267 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

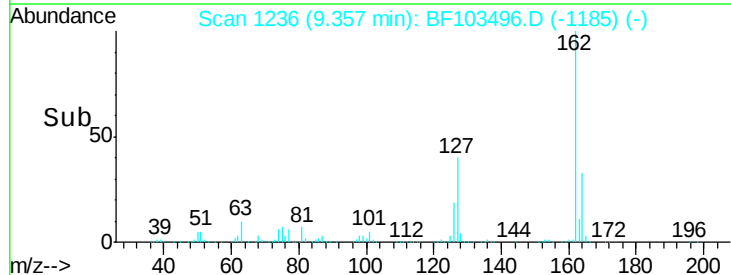
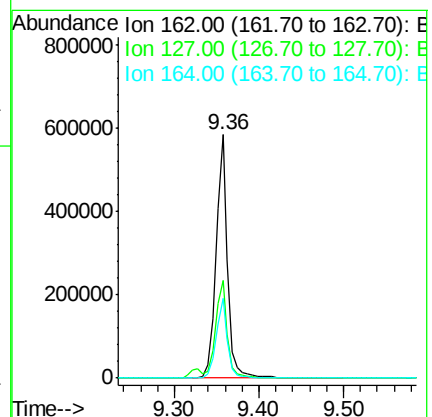
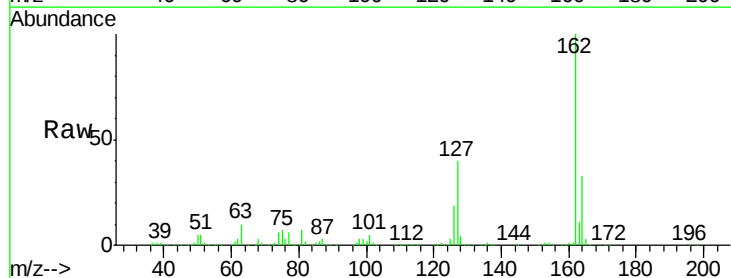
Instrument :
 BNA_F
 ClientSampleId :

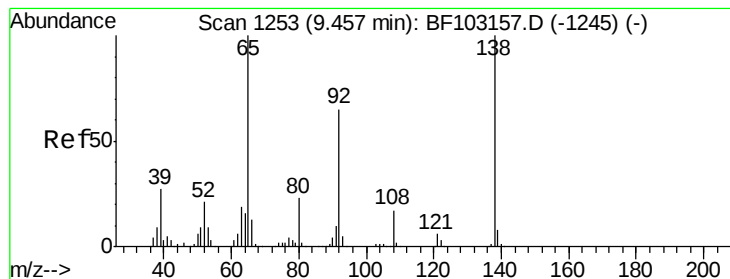
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 36.291 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	32.7	26.5	39.7





#47

2-Nitroaniline

Concen: 37.324 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

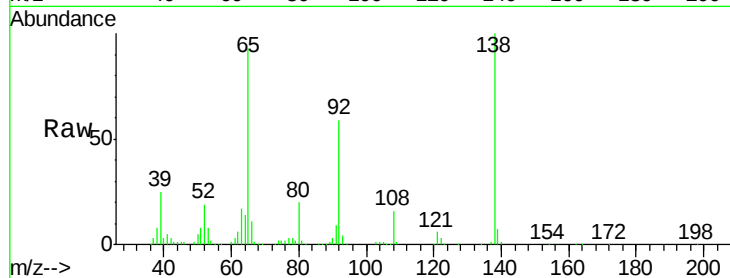
Tot Ion: 65 Resp: 215451

Ion Ratio Lower Upper

65 100

92 63.8 55.8 83.6

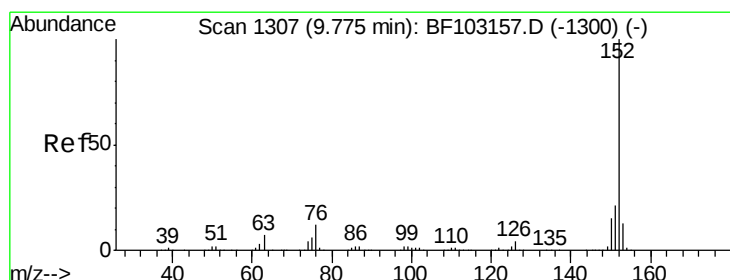
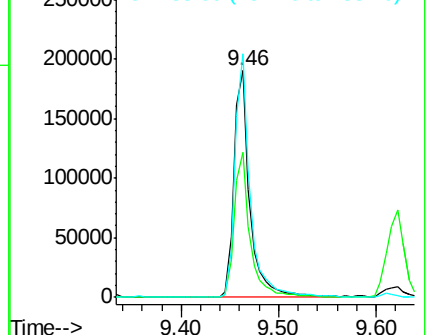
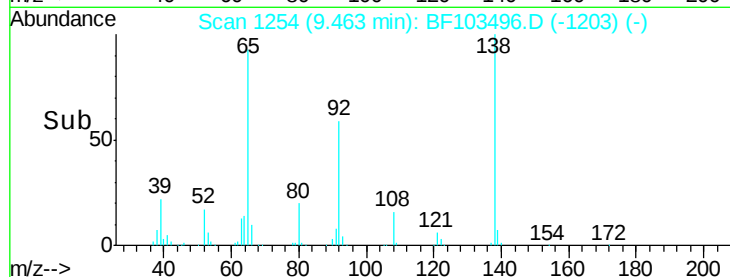
138 107.5 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 34.528 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

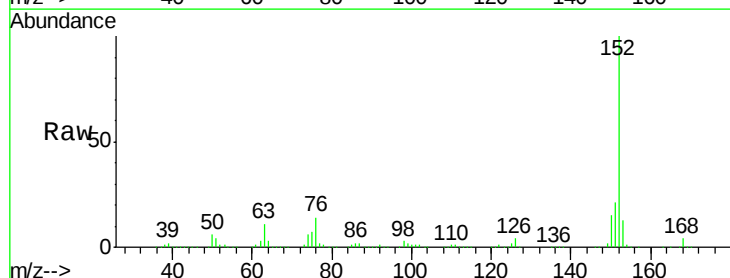
Tgt Ion: 152 Resp: 827884

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

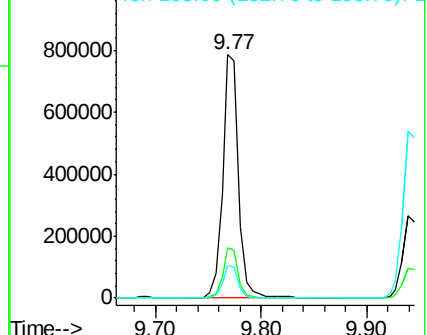
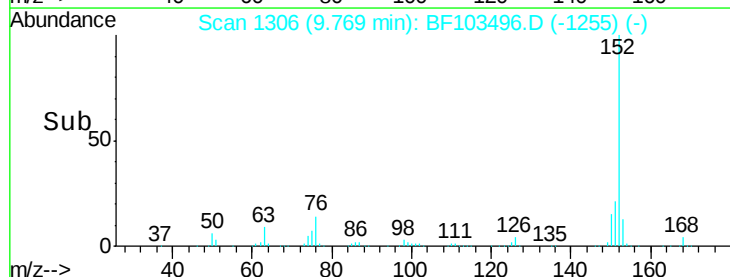
153 13.2 10.7 16.1

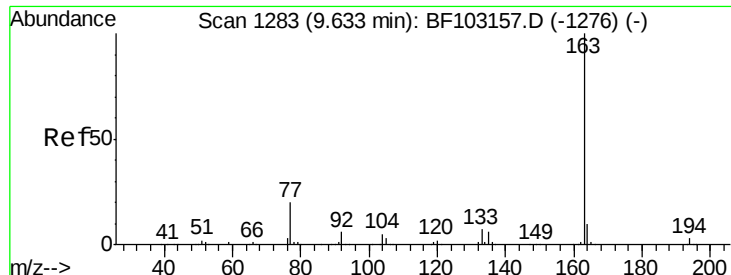


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

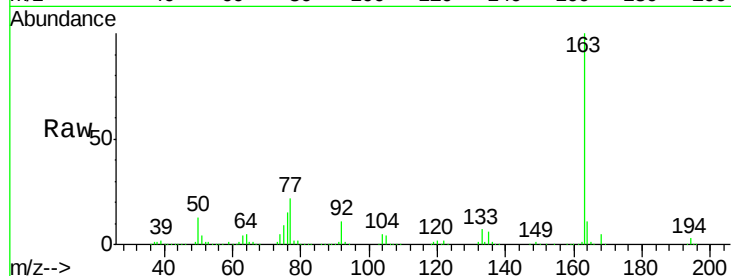




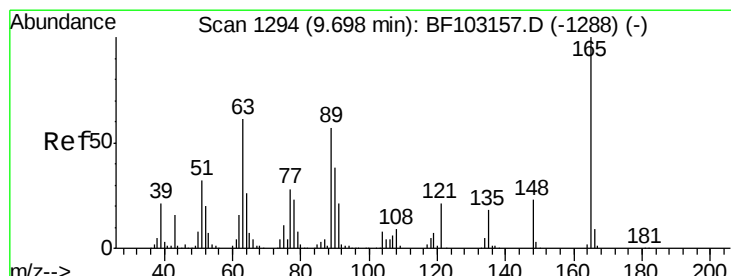
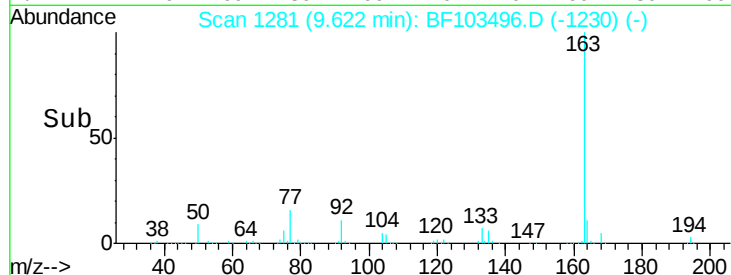
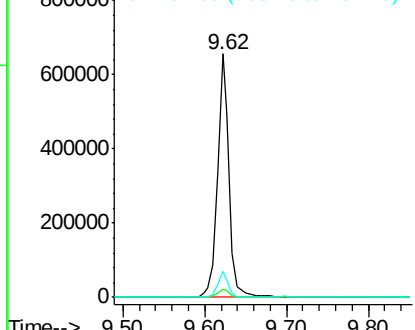
#49
Dimethylphthalate
Concen: 34.140 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 643801
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.6 8.2 12.2

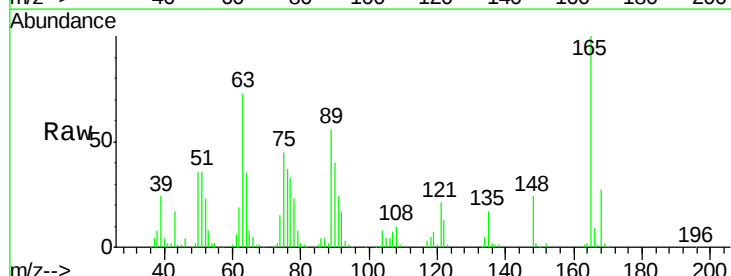


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

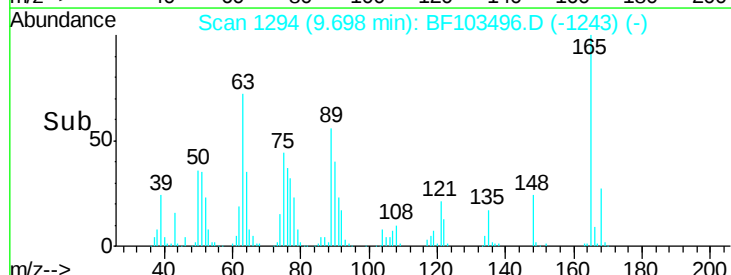
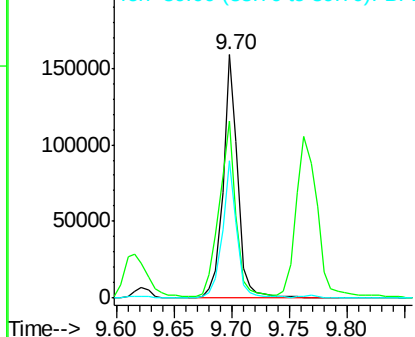


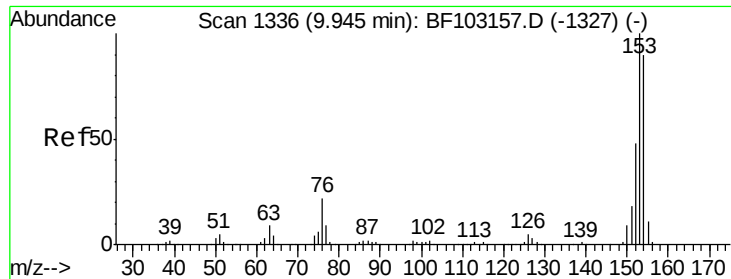
#50
2,6-Dinitrotoluene
Concen: 35.254 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:165 Resp: 139515
Ion Ratio Lower Upper
165 100
63 72.7 44.7 67.1#
89 56.4 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.572 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

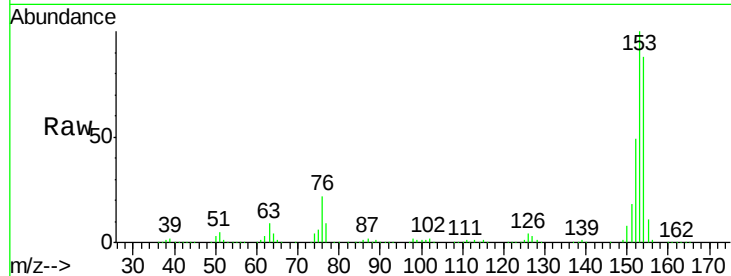
Tot Ion:154 Resp: 483362

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

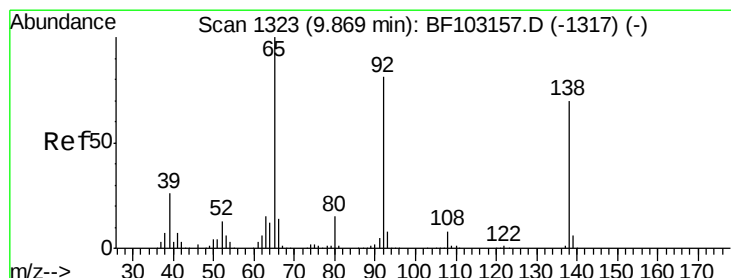
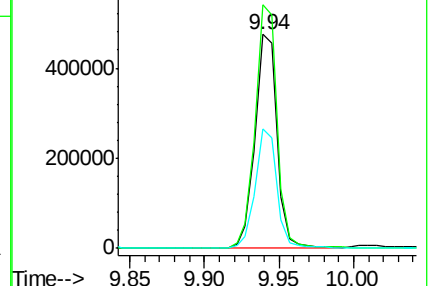
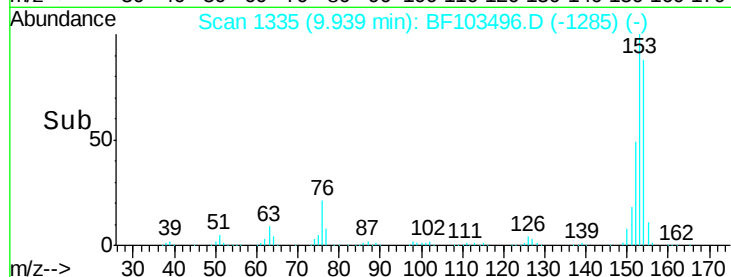
152 55.5 43.8 65.8



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: 20.404 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

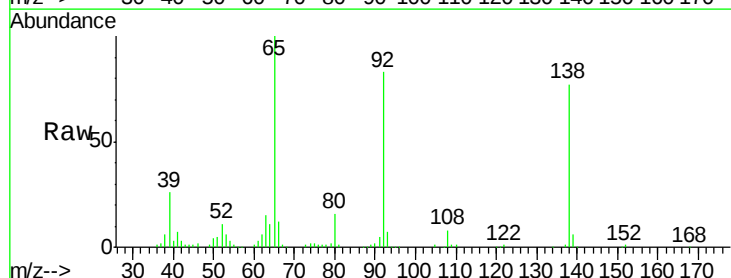
Tgt Ion:138 Resp: 102446

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

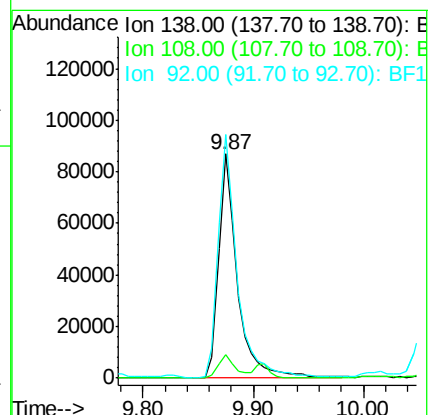
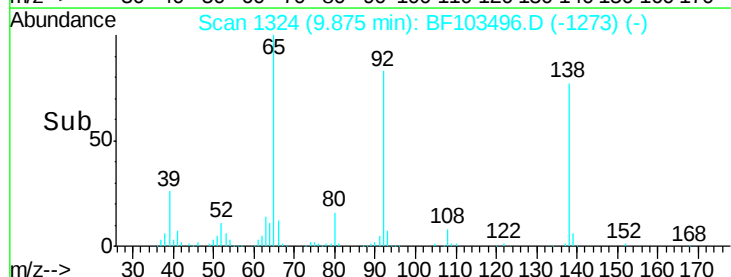
92 108.5 89.4 134.2



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

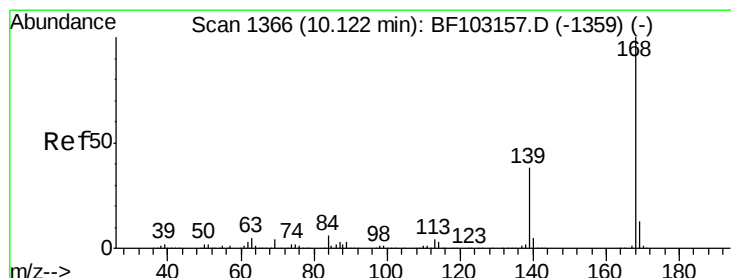
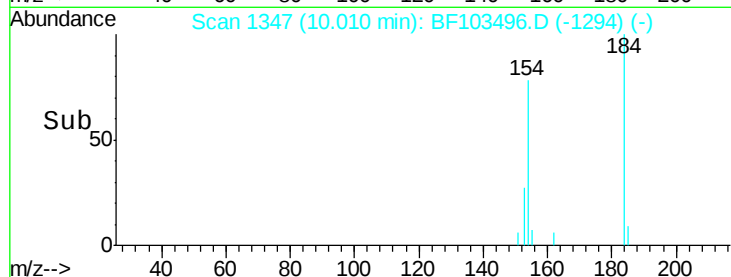
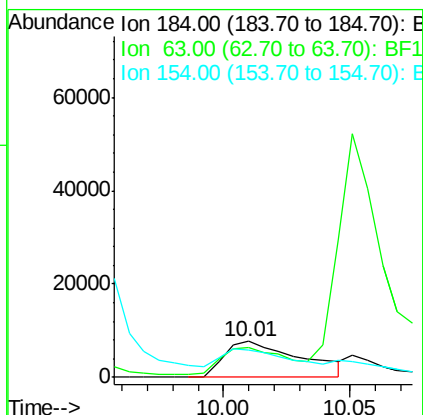
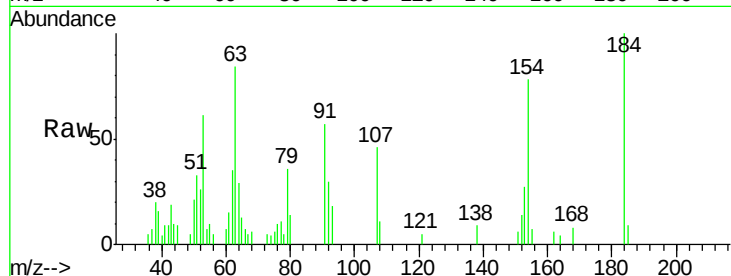




#53
2,4-Dinitrophenol
Concen: 19.397 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

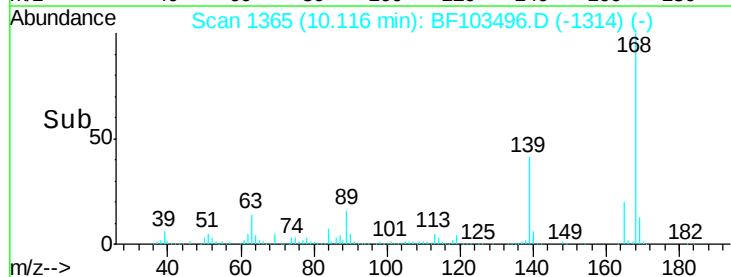
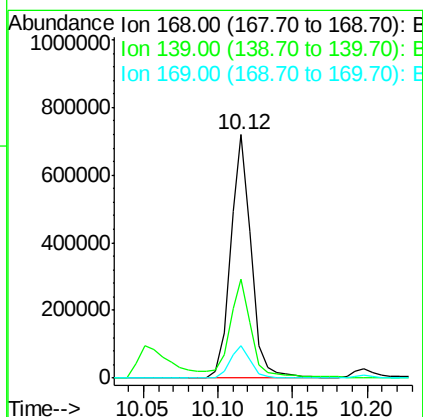
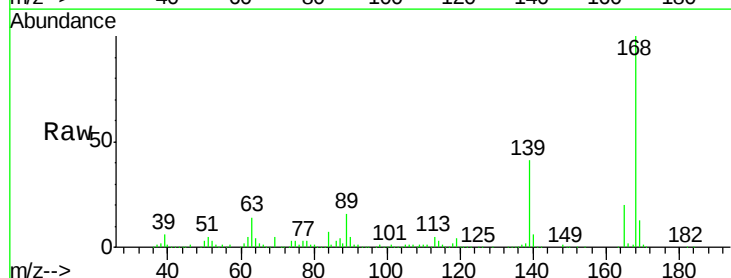
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 15884
Ion Ratio Lower Upper
184 100
63 83.8 54.2 81.2#
154 77.8 184.0 276.0#



#54
Dibenzofuran
Concen: 36.520 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:168 Resp: 700910
Ion Ratio Lower Upper
168 100
139 40.8 30.1 45.1
169 13.2 10.9 16.3

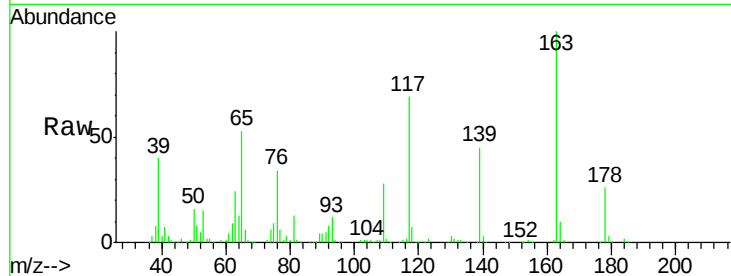




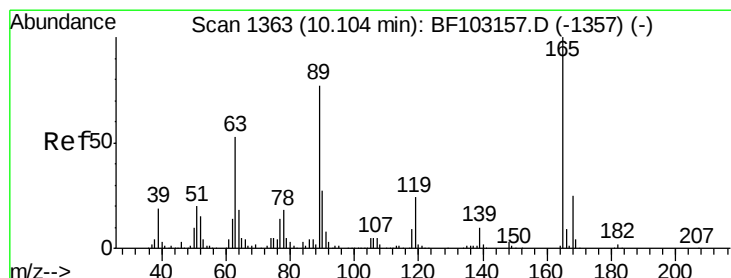
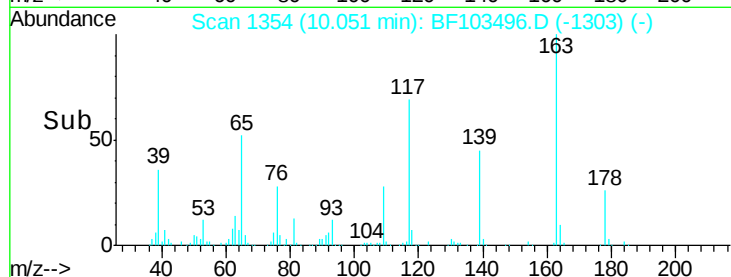
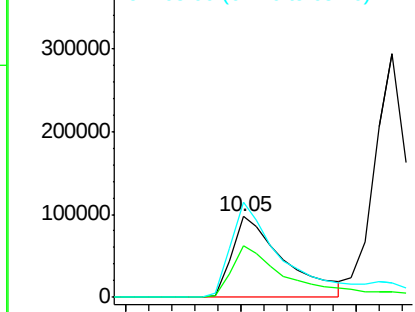
#55
4-Nitrophenol
Concen: 49.221 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 153164
Ion Ratio Lower Upper
139 100
109 63.4 48.4 88.4
65 117.9 72.6 112.6#

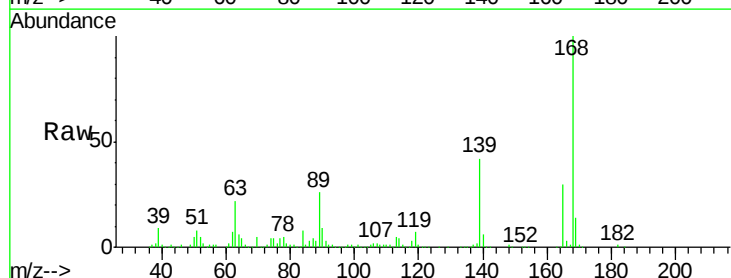


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

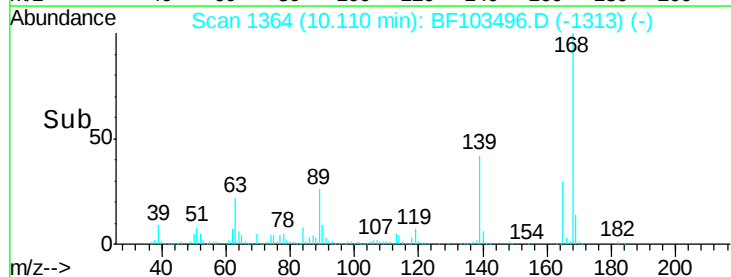
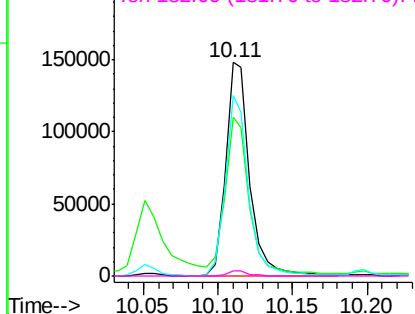


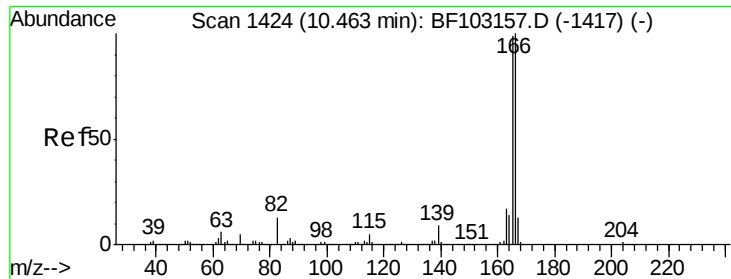
#56
2,4-Dinitrotoluene
Concen: 33.642 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:165 Resp: 168379
Ion Ratio Lower Upper
165 100
63 74.4 36.4 54.6#
89 84.8 57.8 86.6
182 2.2 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

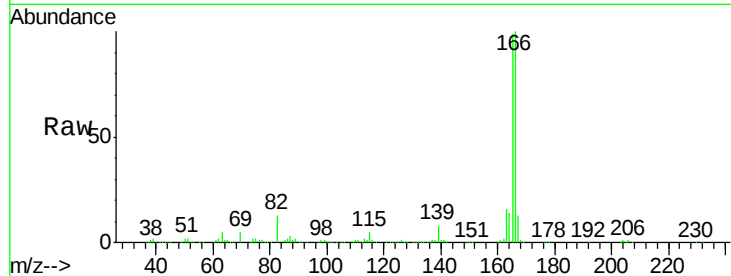




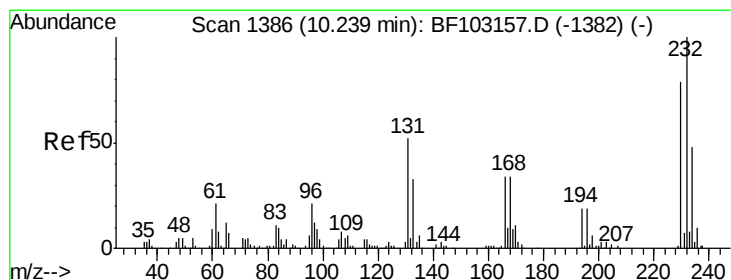
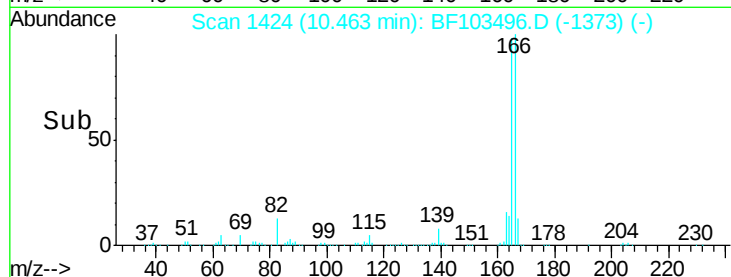
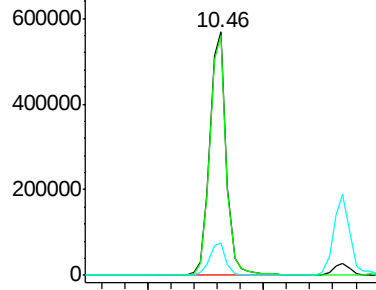
#57
 Fluorene
 Concen: 34.606 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 565804
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.3 10.6 16.0

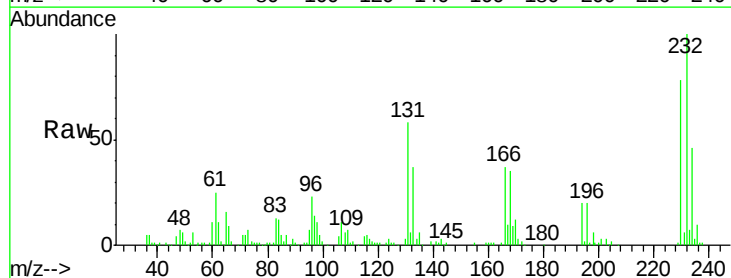


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

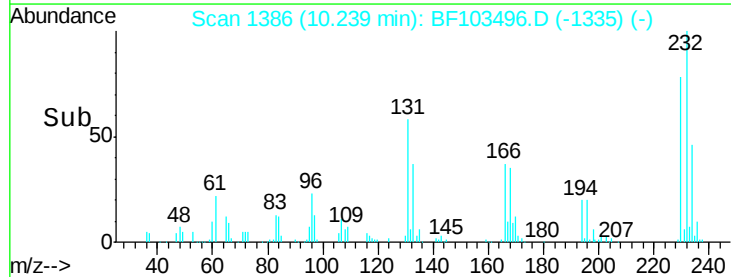
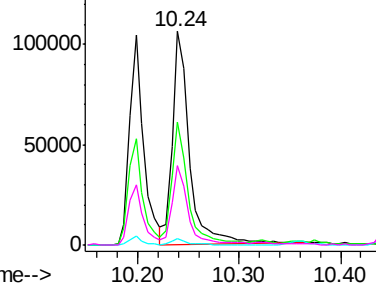


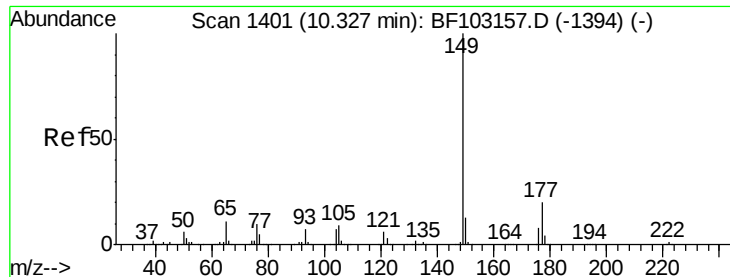
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.194 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion:232 Resp: 124265
 Ion Ratio Lower Upper
 232 100
 131 51.6 43.8 65.8
 130 2.6 2.1 3.1
 166 33.0 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

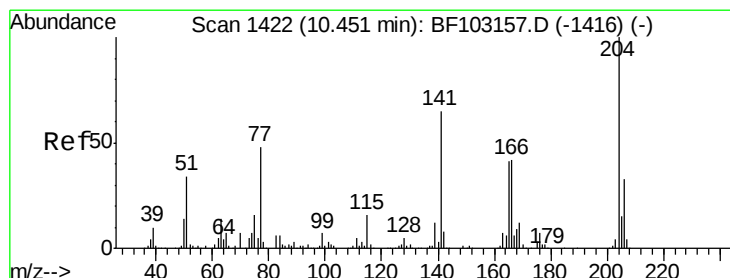
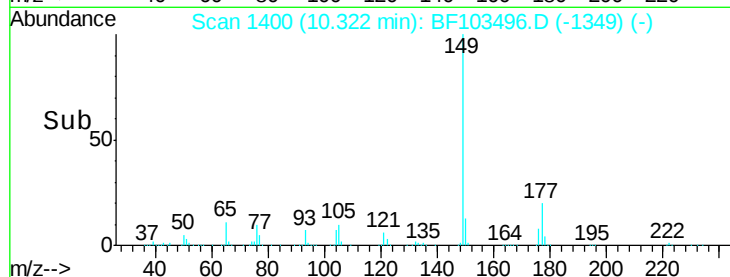
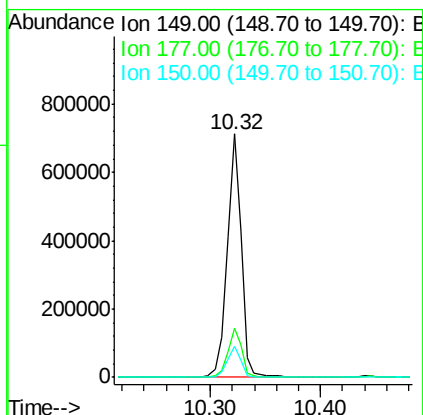
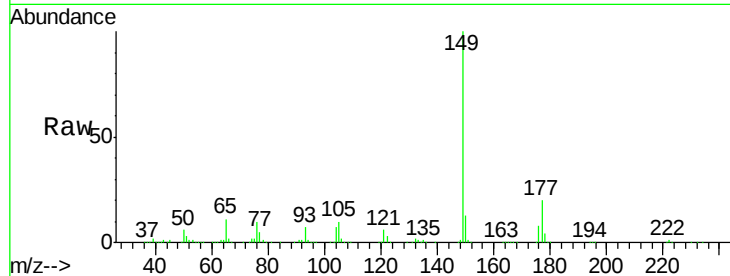




#59
Diethylphthalate
Concen: 35.308 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

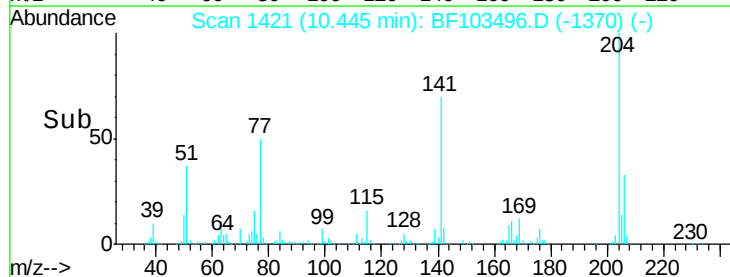
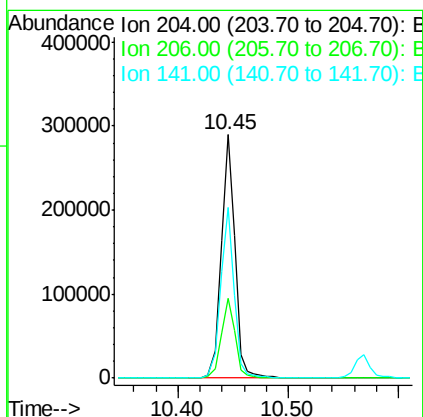
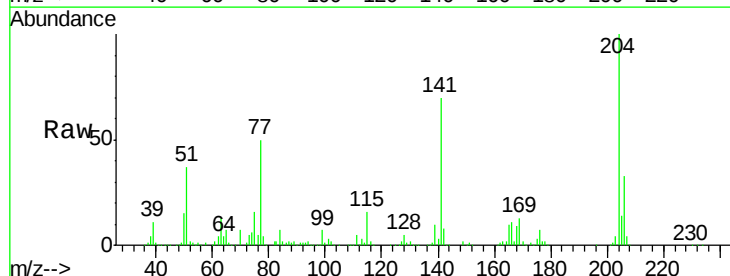
Instrument :
BNA_F
ClientSampled :

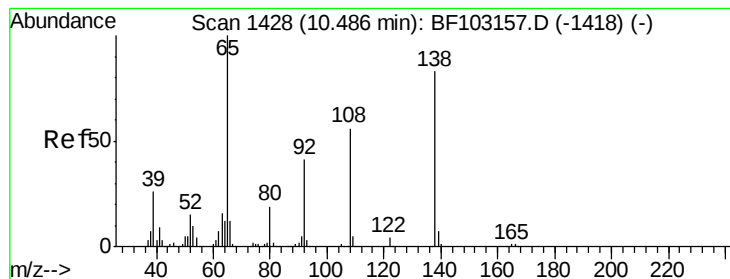
Tot Ion:149 Resp: 636808
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.246 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:204 Resp: 251302
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 70.1 54.6 81.8





#61

4-Nitroaniline

Concen: 28.113 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

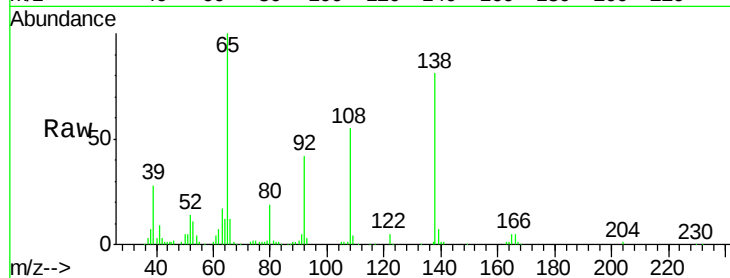
Tot Ion:138 Resp: 140983

Ion Ratio Lower Upper

138 100

92 52.1 30.2 70.2

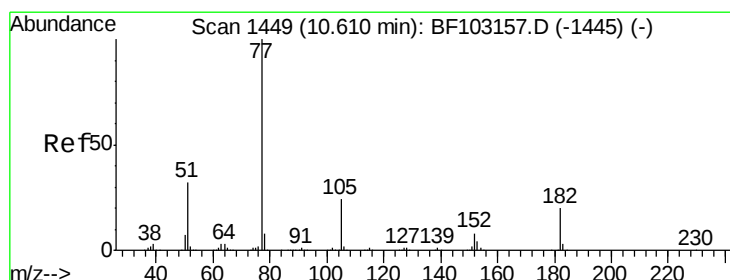
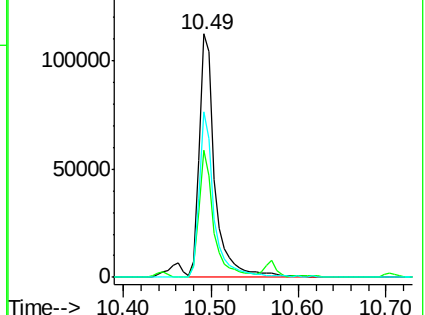
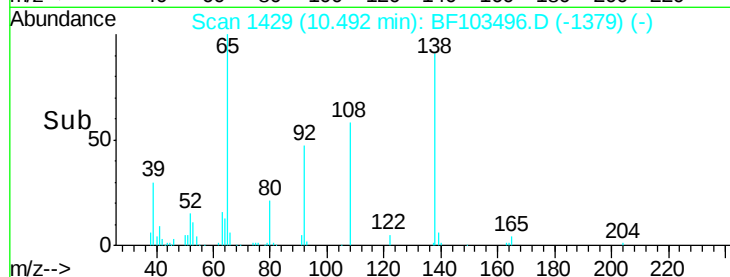
108 67.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.517 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Tgt Ion: 77 Resp: 652037

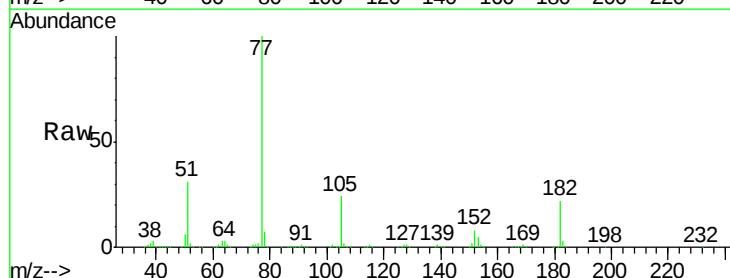
Ion Ratio Lower Upper

77 100

182 22.4 1.7 41.7

105 24.4 3.0 43.0

51 30.6 9.9 49.9

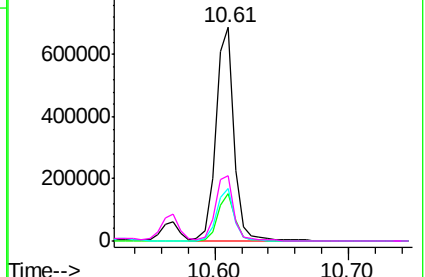
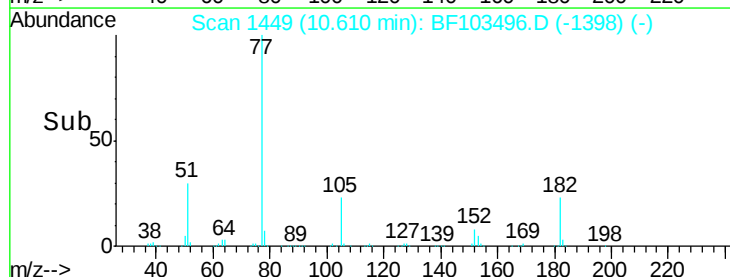


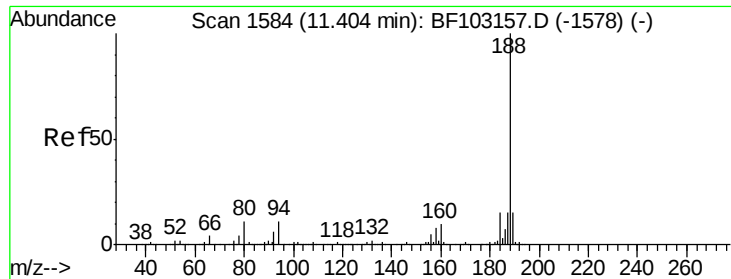
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

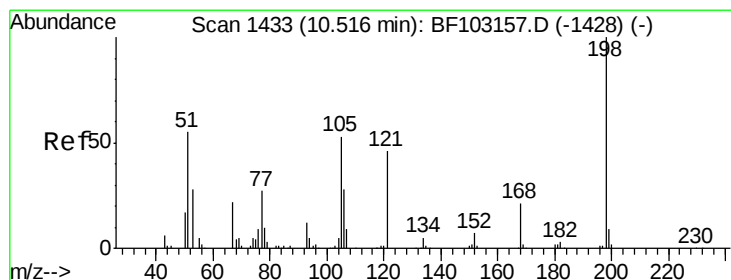
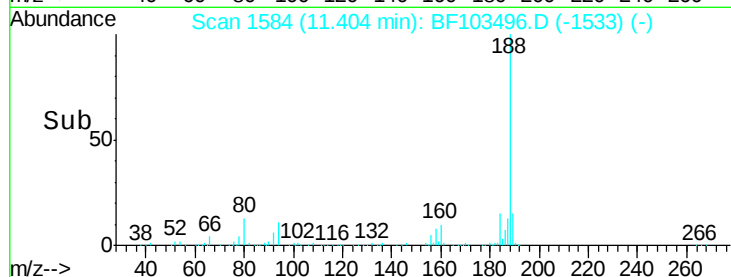
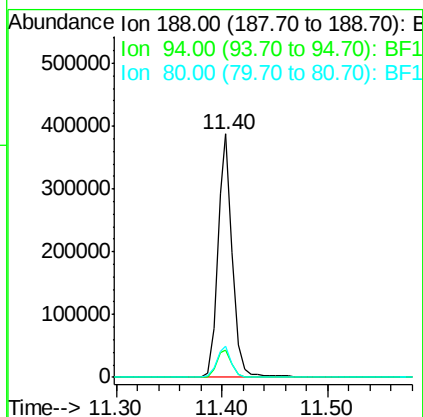
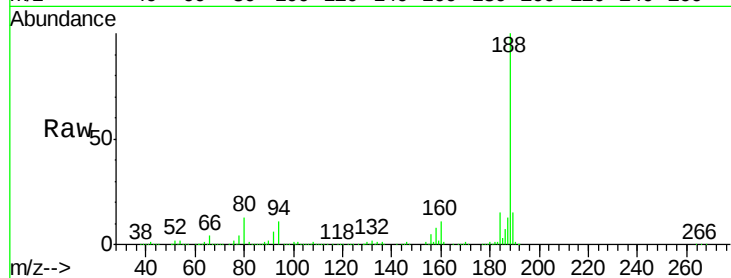




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

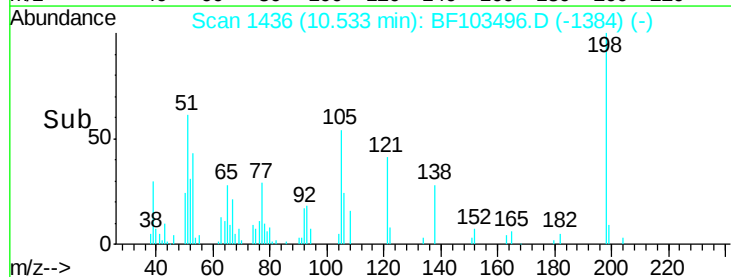
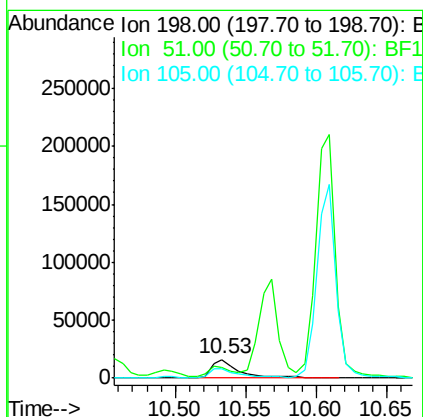
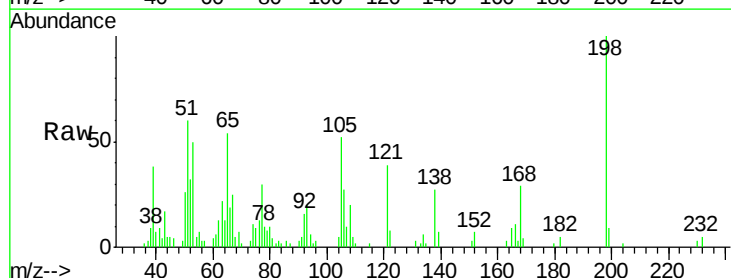
Instrument :
BNA_F
ClientSampleId :

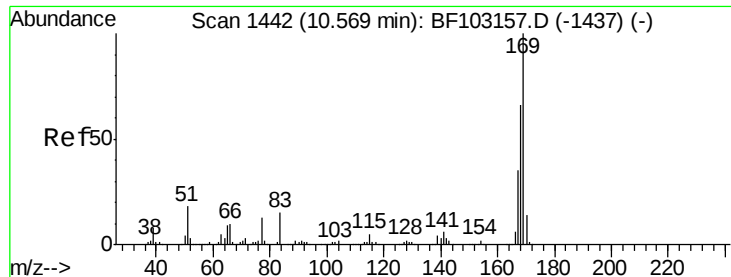
Tot Ion:188 Resp: 373137
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.436 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:198 Resp: 21491
Ion Ratio Lower Upper
198 100
51 60.4 37.7 77.7
105 51.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.320 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

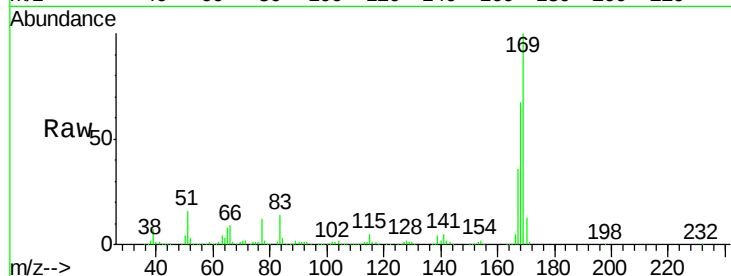
Tot Ion:169 Resp: 510854

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

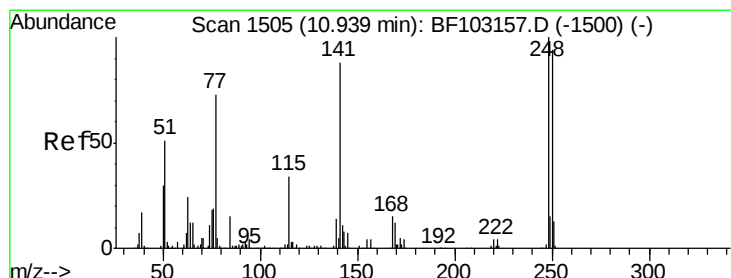
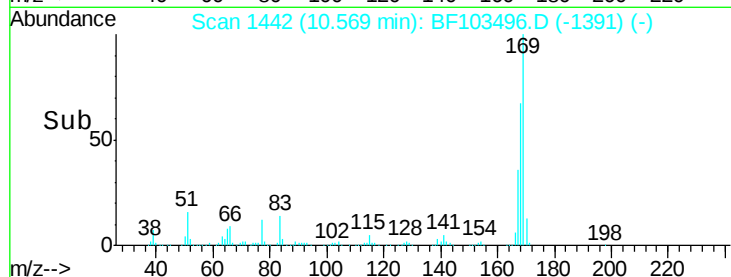
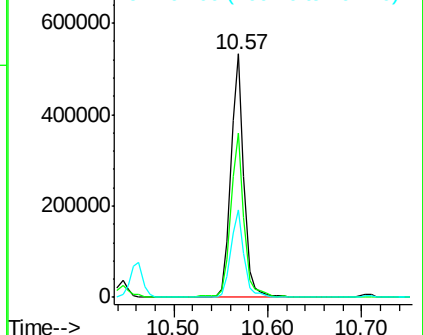
167 35.8 29.8 44.6



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: 38.586 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

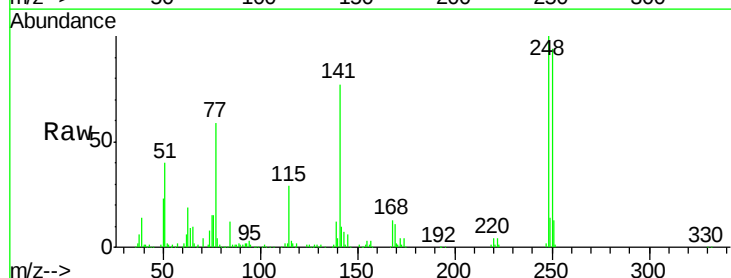
Tgt Ion:248 Resp: 149981

Ion Ratio Lower Upper

248 100

250 94.2 76.9 115.3

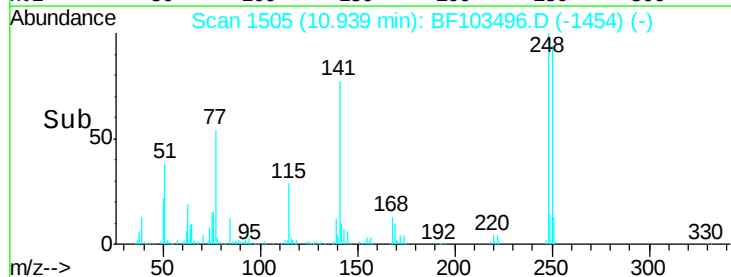
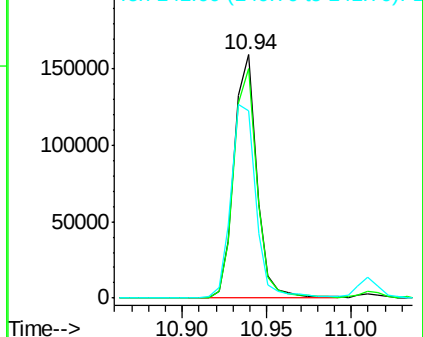
141 77.0 74.4 111.6

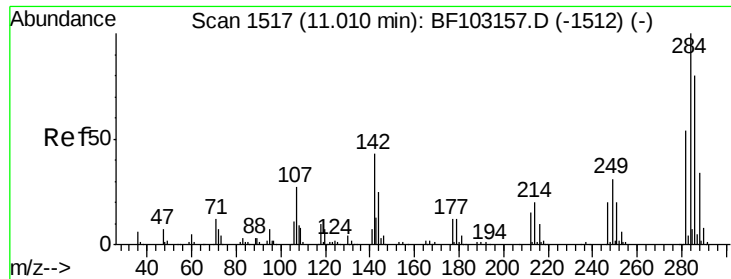


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

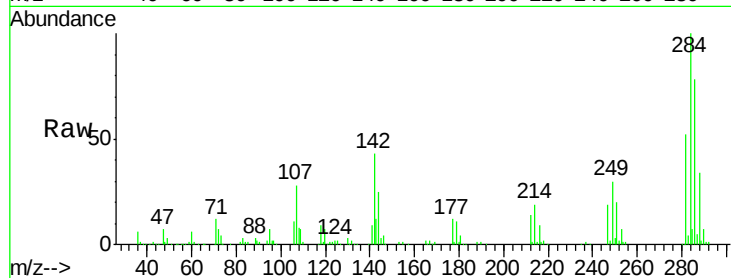




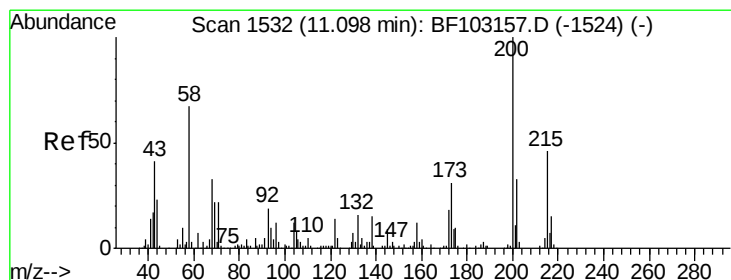
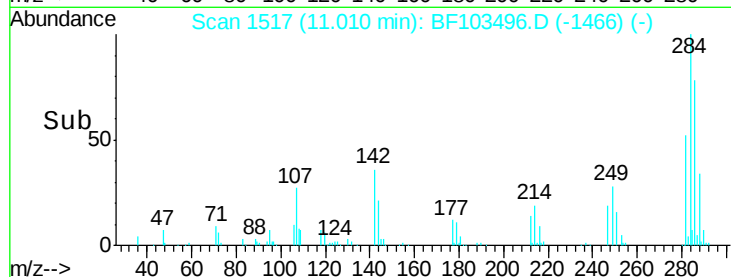
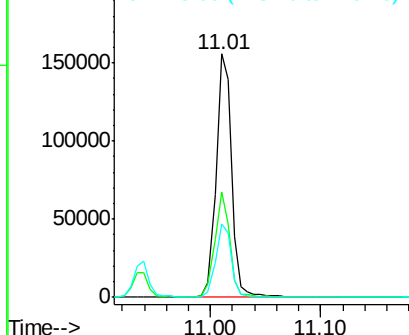
#67
Hexachlorobenzene
Concen: 35.854 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 151267
Ion Ratio Lower Upper
284 100
142 43.0 34.6 52.0
249 30.3 24.8 37.2

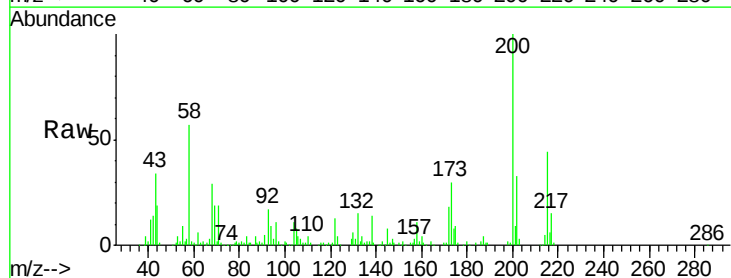


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

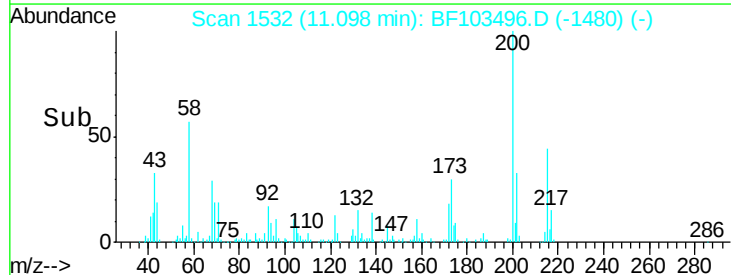
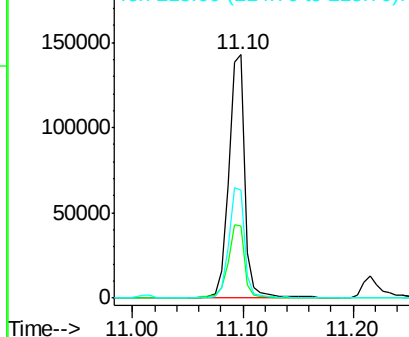


#68
Atrazine
Concen: 37.310 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:200 Resp: 145696
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 44.3 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

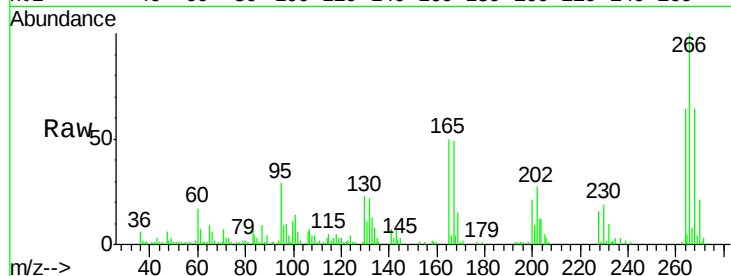




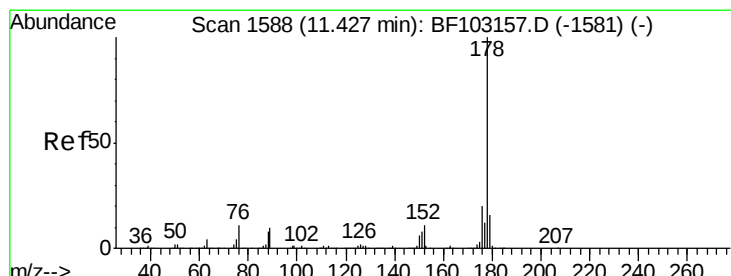
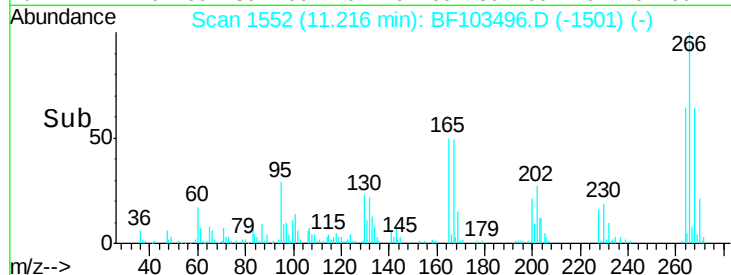
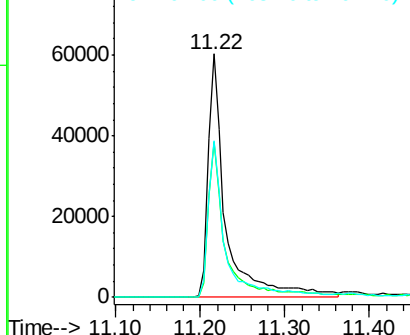
#69
 Pentachlorophenol
 Concen: 43.615 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 88972
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 64.3 49.5 74.3

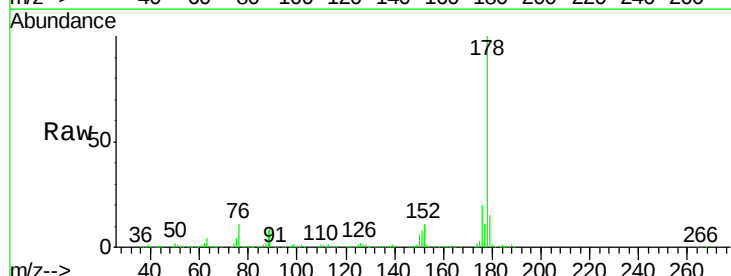


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

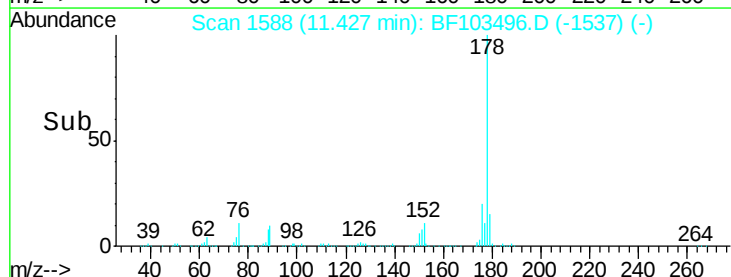
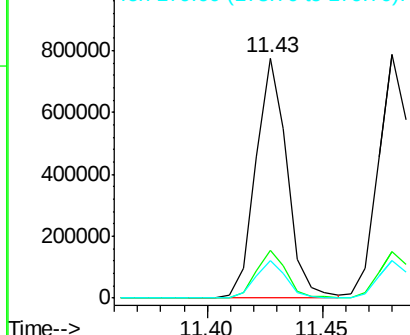


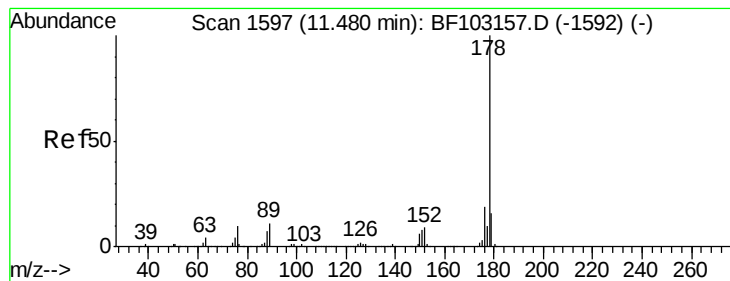
#70
 Phenanthrene
 Concen: 35.600 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion:178 Resp: 731046
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 13.0 19.6



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





#71

Anthracene

Concen: 37.061 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

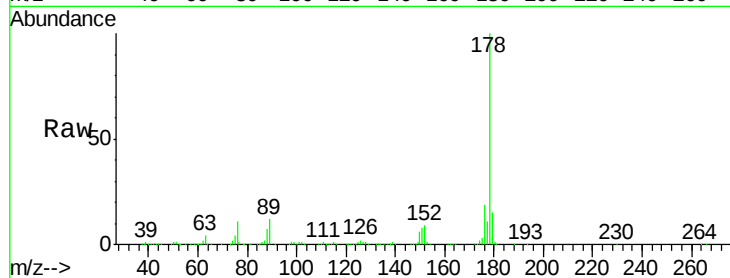
Tot Ion:178 Resp: 780400

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

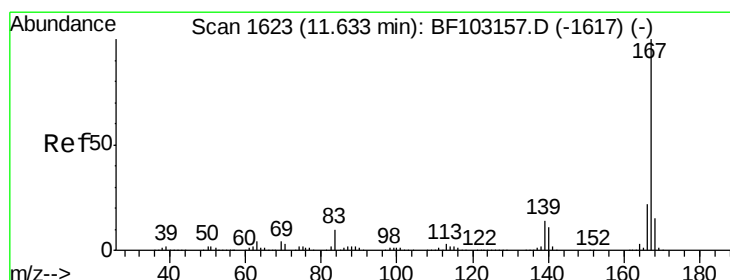
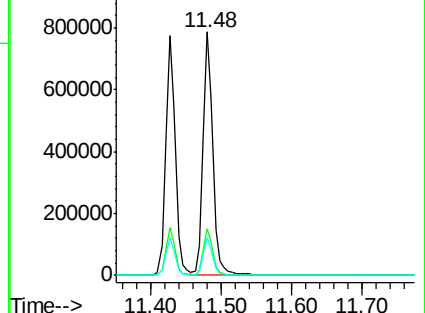
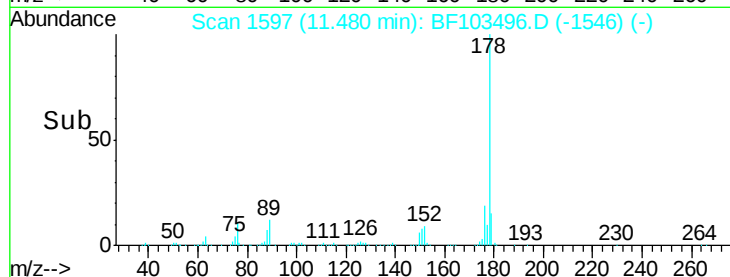
179 15.5 12.6 19.0



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



#72

Carbazole

Concen: 34.555 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

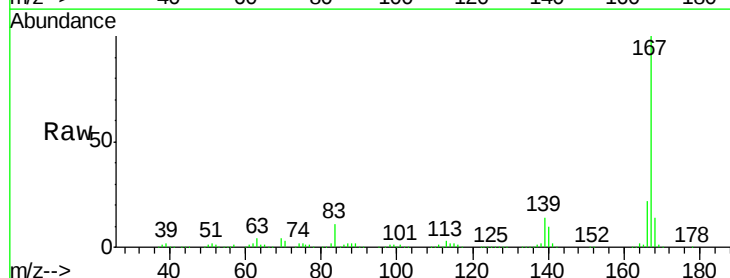
Tgt Ion:167 Resp: 724599

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

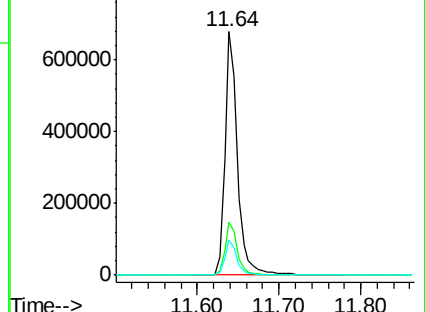
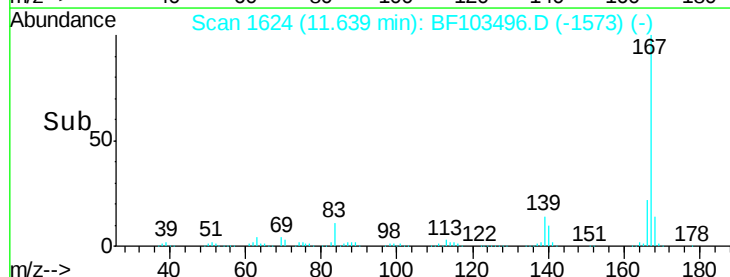
139 14.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.600 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampled :

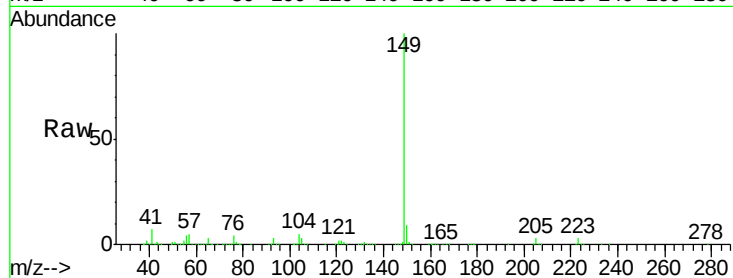
Tot Ion:149 Resp: 986577

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

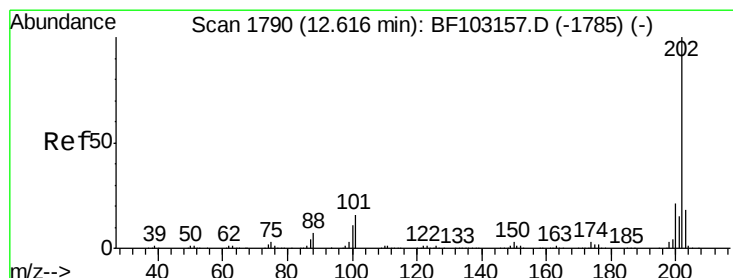
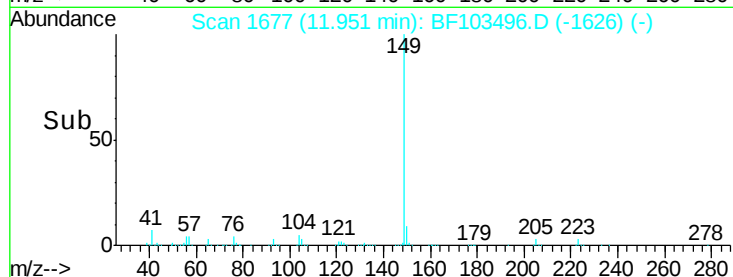
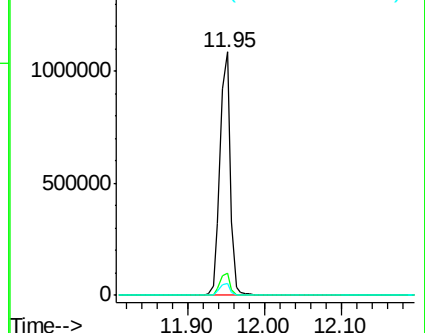
104 4.7 3.8 5.8



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: 32.838 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

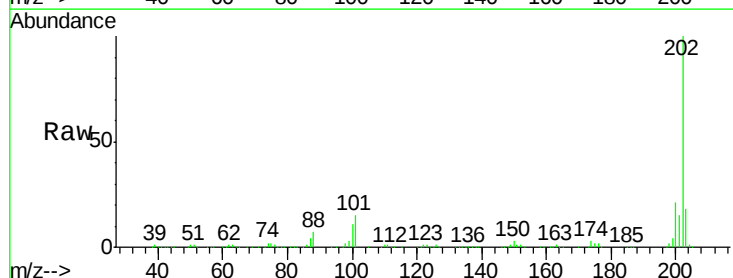
Tgt Ion:202 Resp: 677629

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

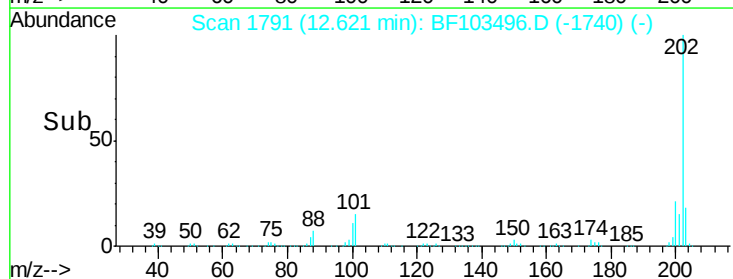
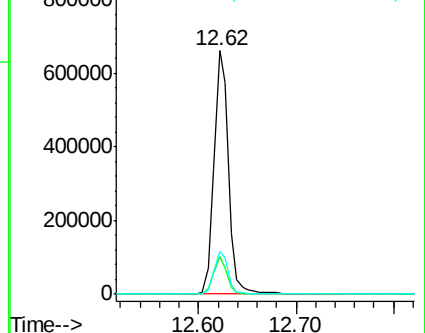
203 17.6 0.0 38.1

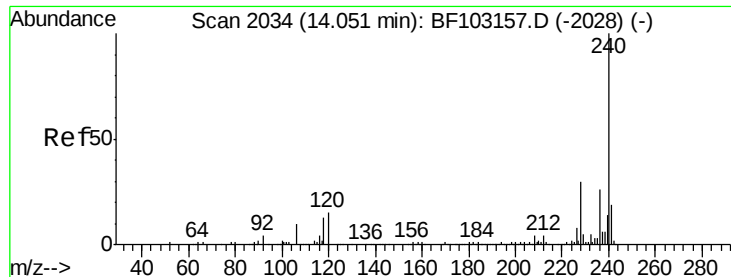


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

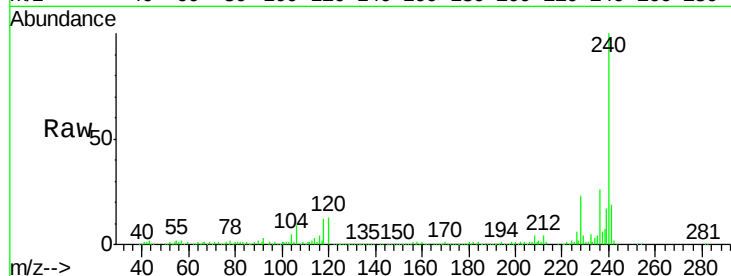
Tot Ion:240 Resp: 207473

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

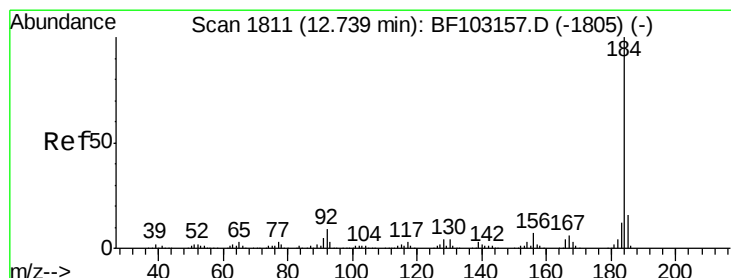
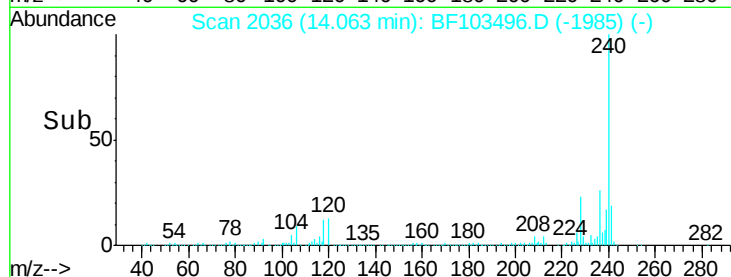
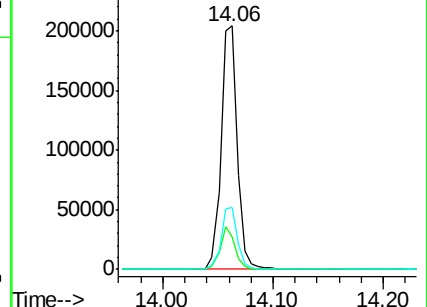
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.708 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

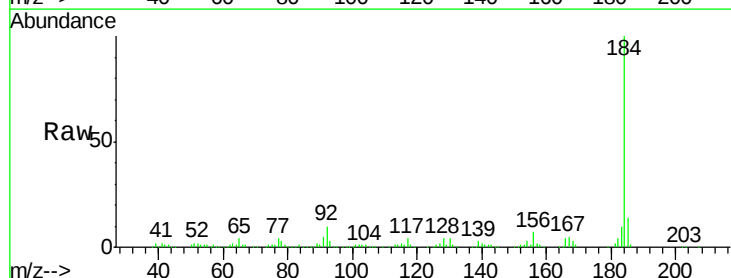
Tgt Ion:184 Resp: 307989

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

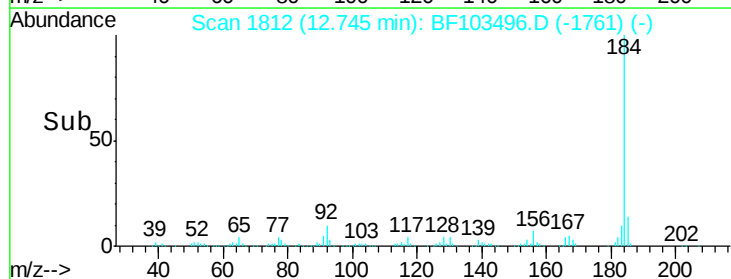
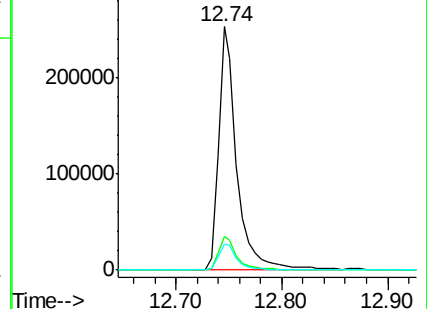
183 10.5 9.3 13.9

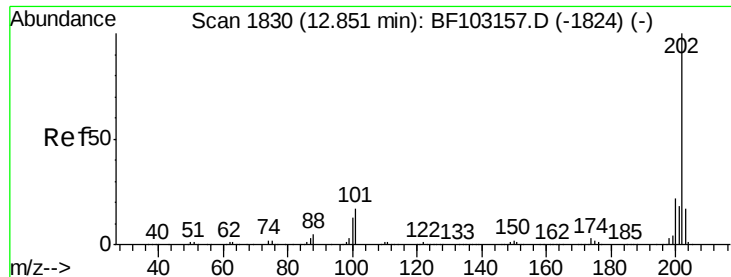


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

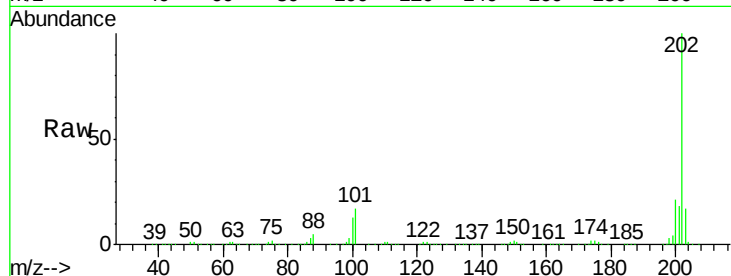




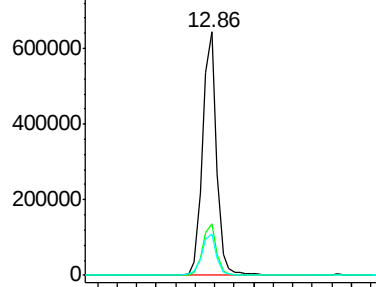
#77
Pvrene
Concen: 39.685 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

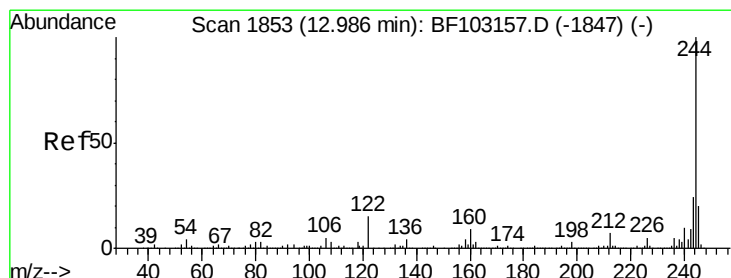
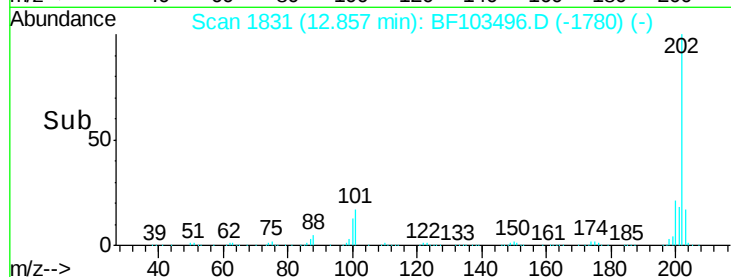
Tot Ion:202 Resp: 641936
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.2 14.3 21.5



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

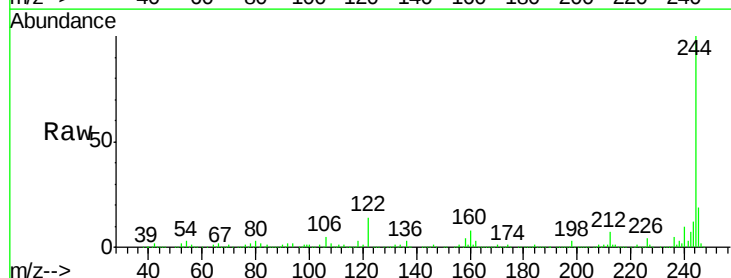


Time-->

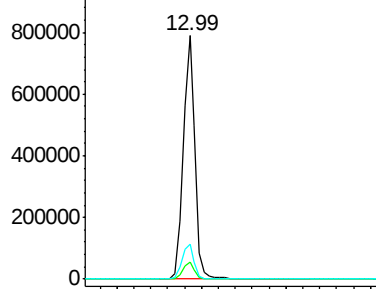


#78
Terphenyl-d14
Concen: 90.199 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

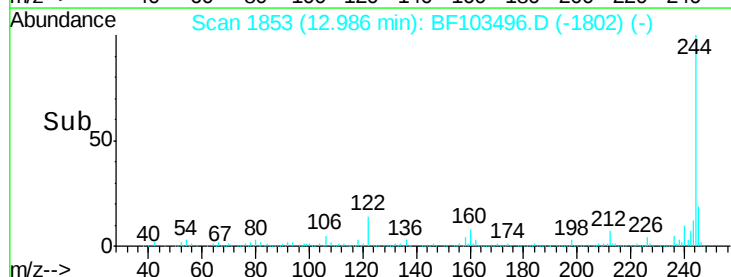
Tgt Ion:244 Resp: 778490
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.5 11.0 16.4



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



Time-->

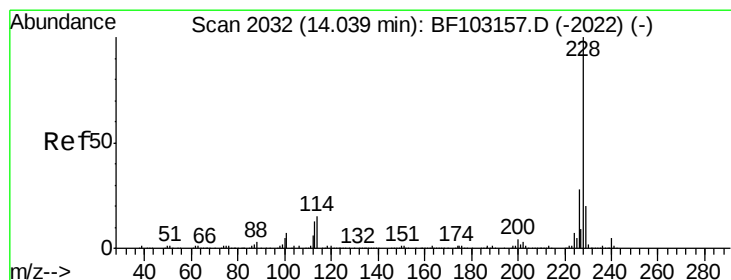
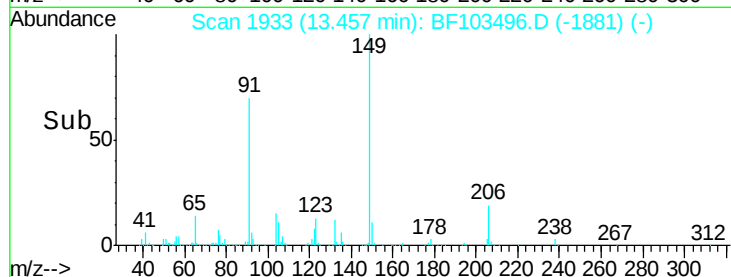
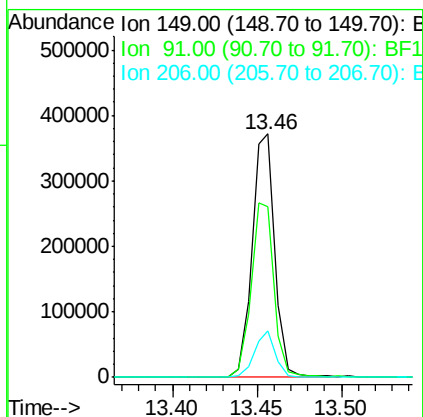
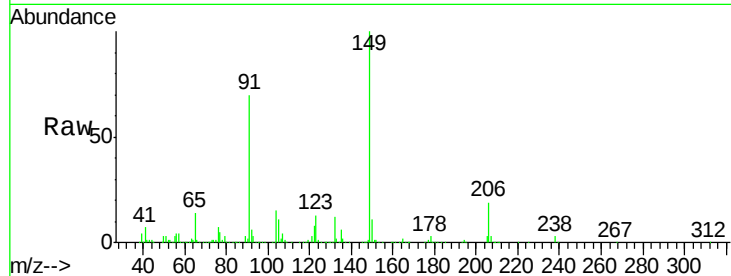




#79
Butylbenzylphthalate
Concen: 41.104 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

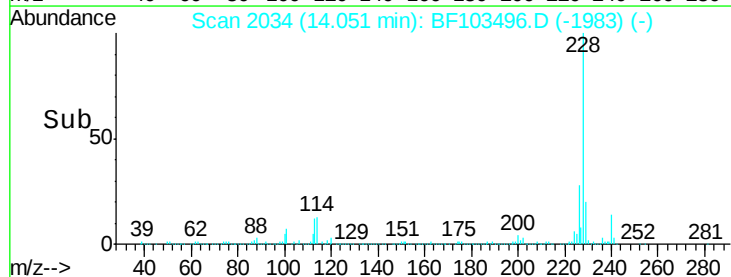
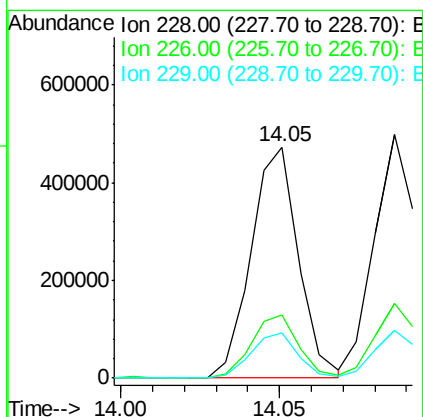
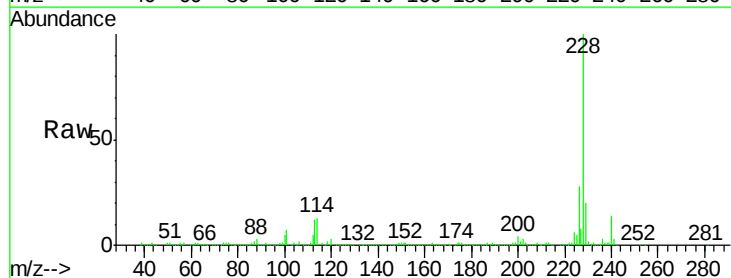
Instrument :
BNA_F
ClientSampleId :

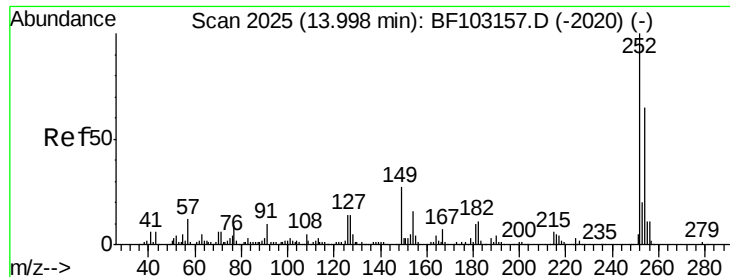
Tot Ion:149 Resp: 351290
Ion Ratio Lower Upper
149 100
91 70.2 56.8 85.2
206 19.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.434 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:228 Resp: 490465
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.6 15.8 23.6

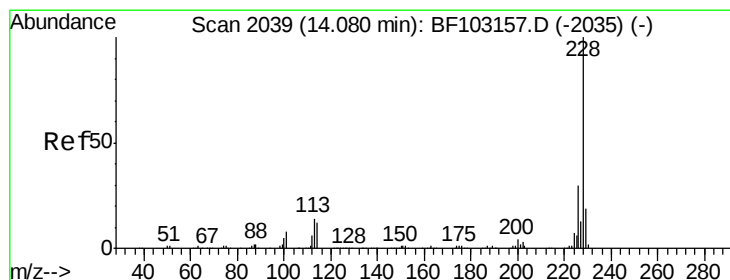
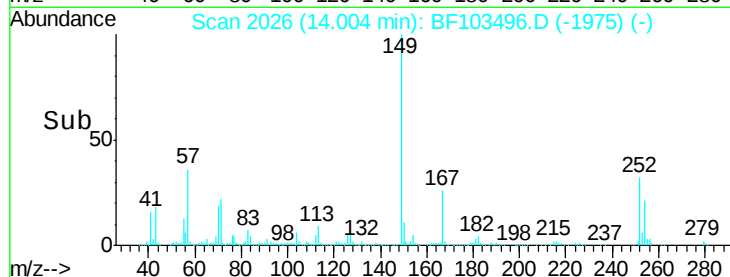
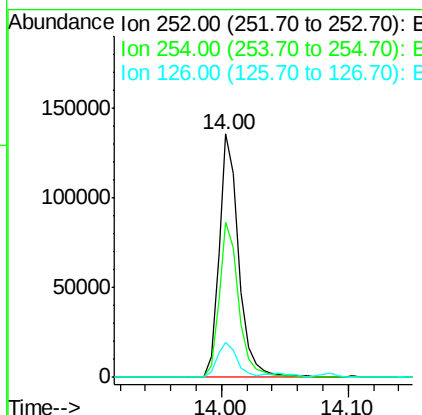
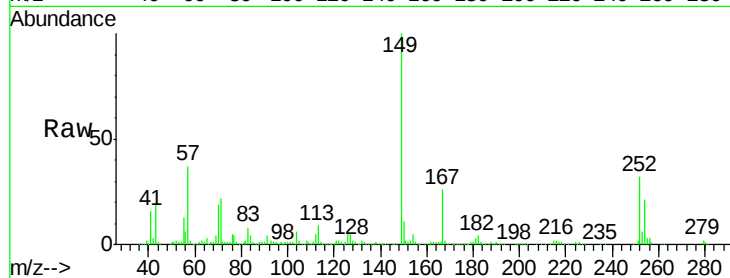




#81
 3,3'-Dichlorobenzidine
 Concen: 30.564 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

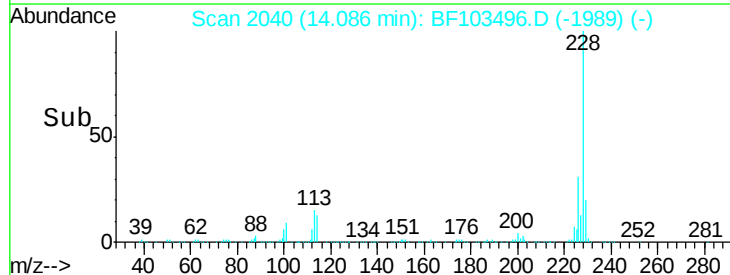
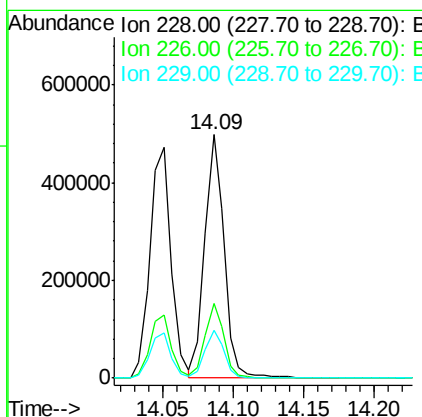
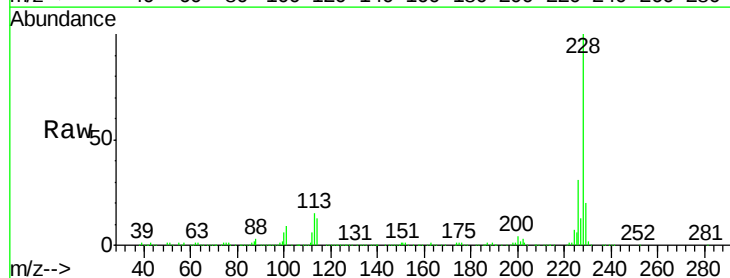
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 146835
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 14.5 11.3 16.9



#82
 Chrysene
 Concen: 36.344 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103496.D
 Acq: 7 Mar 2018 13:08

Tgt Ion:228 Resp: 475045
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.840 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

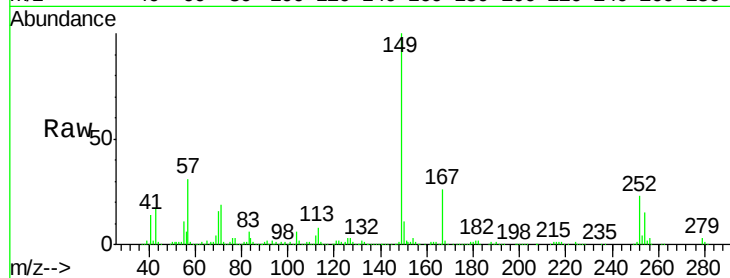
Tot Ion:149 Resp: 447937

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

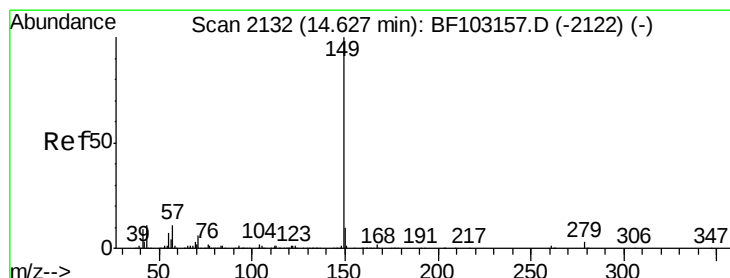
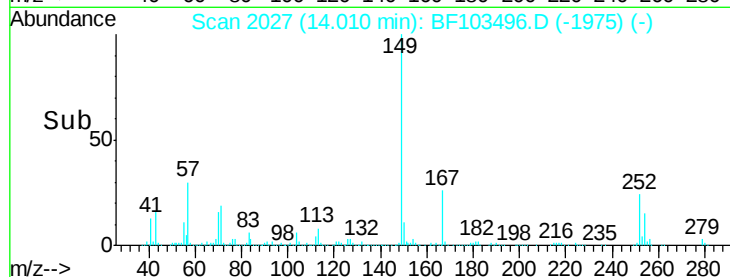
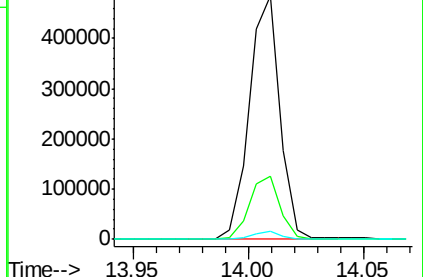
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.012 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

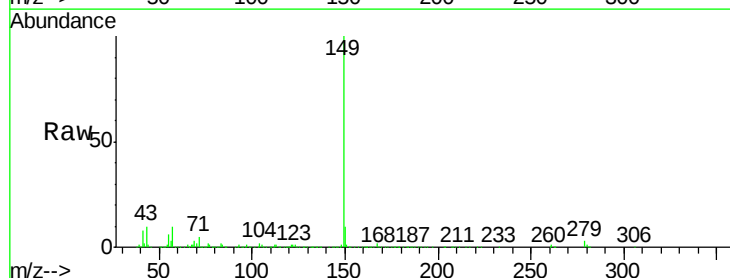
Tgt Ion:149 Resp: 745575

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

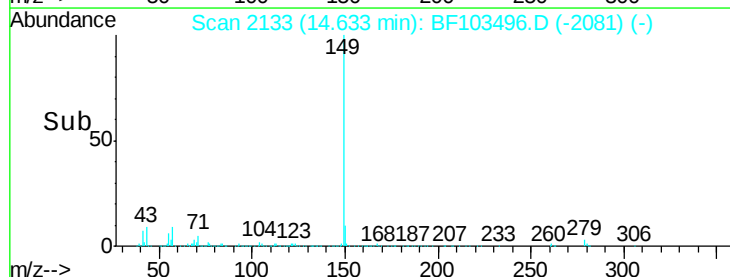
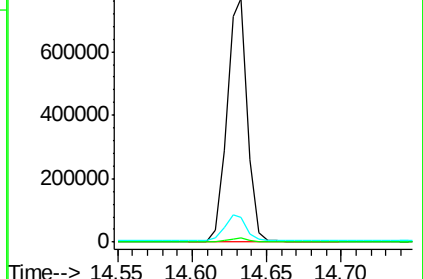
43 10.3 8.4 12.6

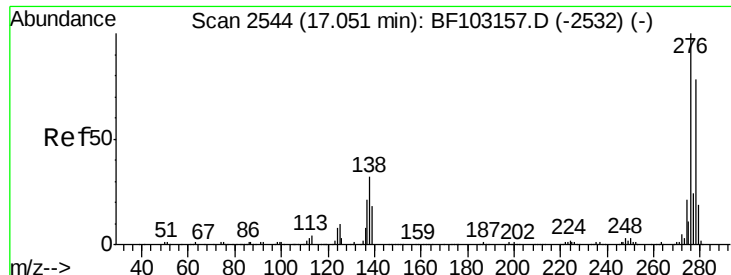


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

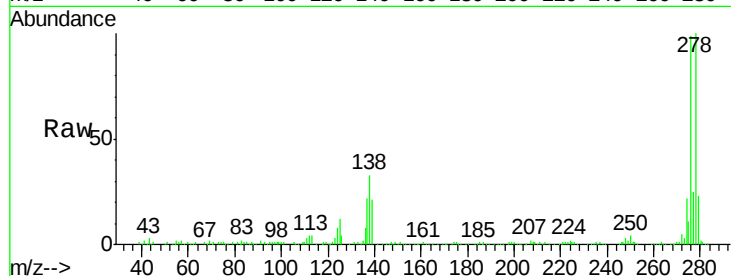




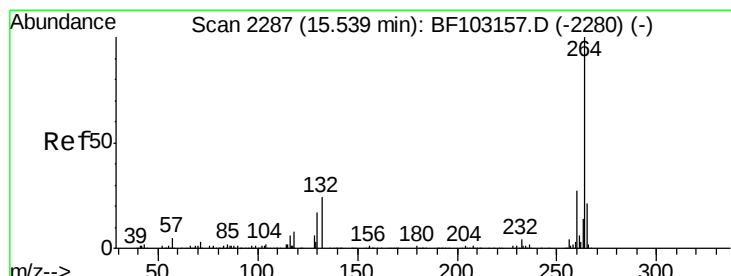
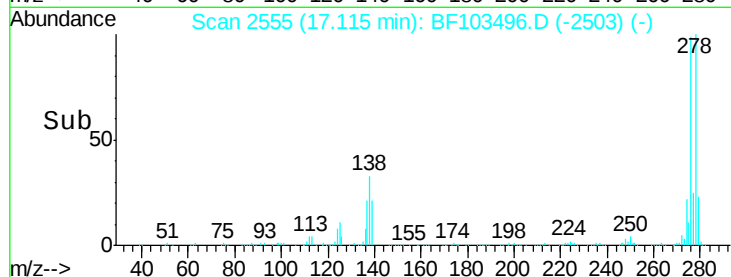
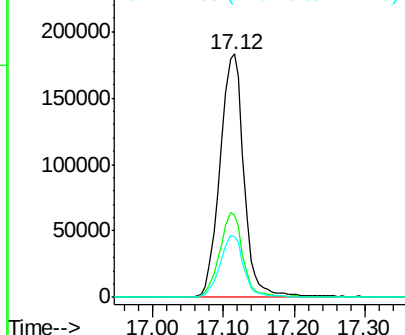
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.991 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 434519
Ion Ratio Lower Upper
276 100
138 33.8 25.0 37.6
277 25.1 20.1 30.1

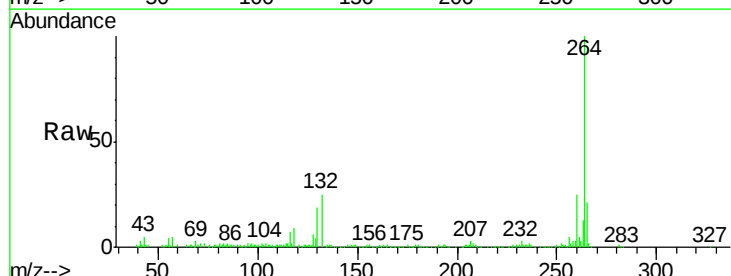


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

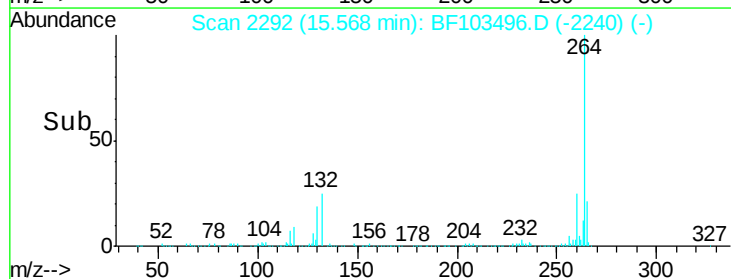
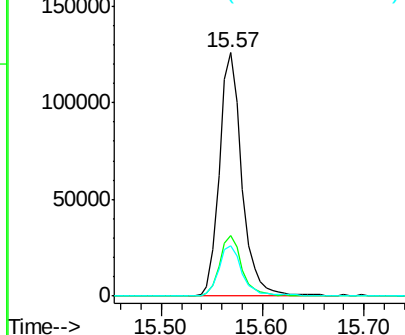


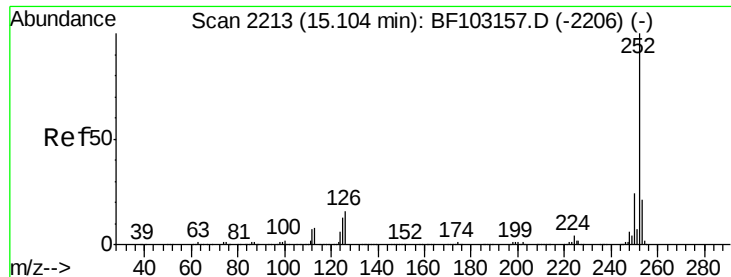
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:264 Resp: 194098
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 20.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

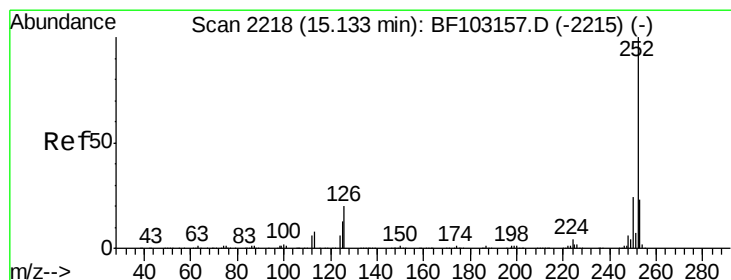
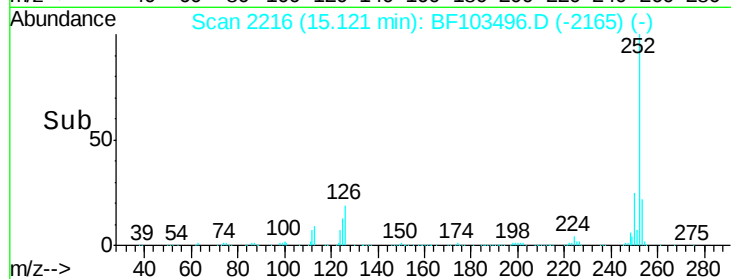
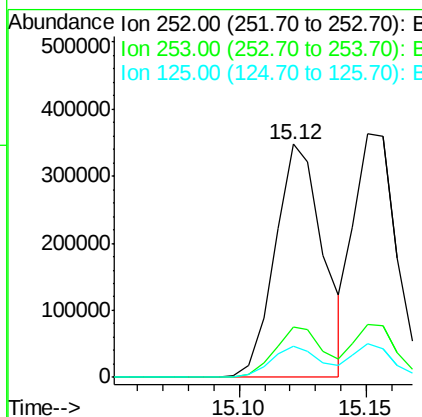
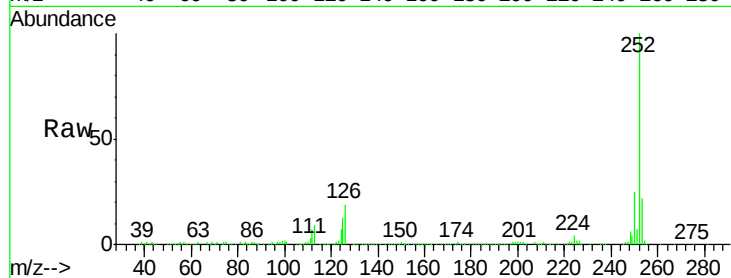




#87
Benzo(b)fluoranthene
Concen: 36.072 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

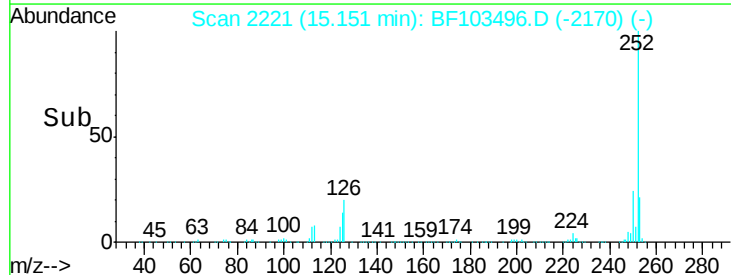
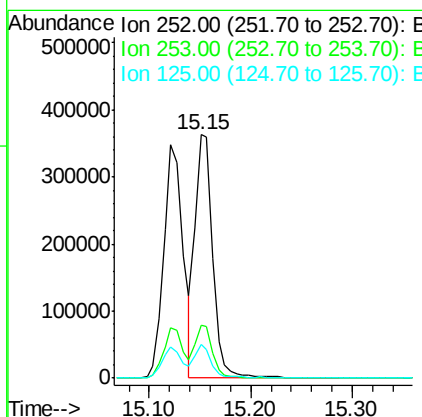
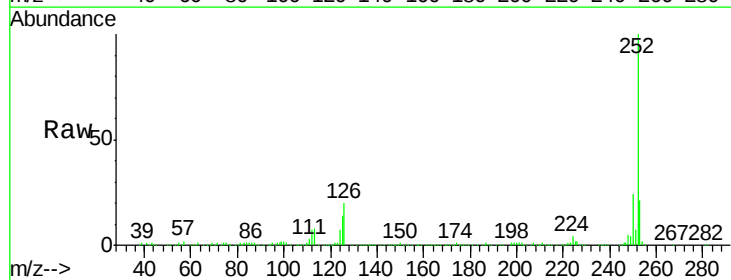
Instrument :
BNA_F
ClientSampleId :

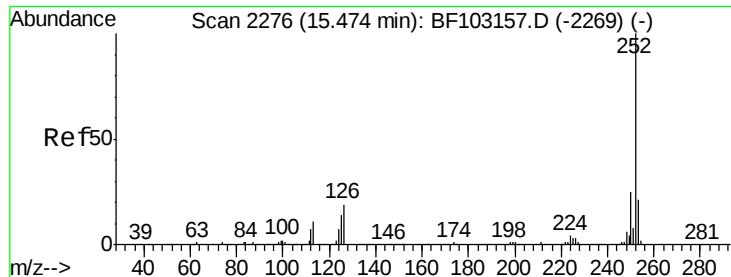
Tot Ion:252 Resp: 460348
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.279 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:252 Resp: 435978
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 13.9 10.2 15.2

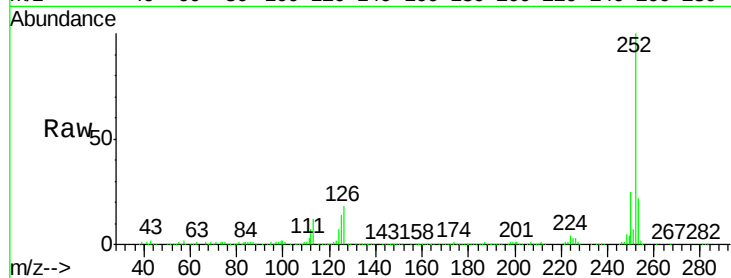




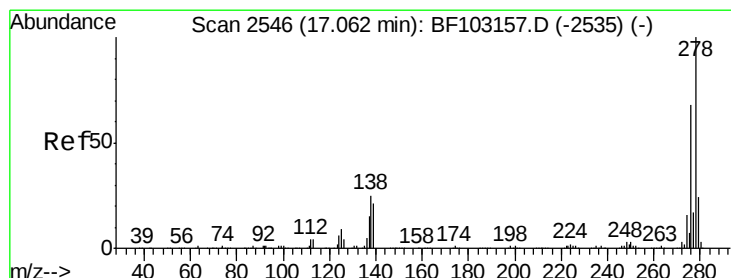
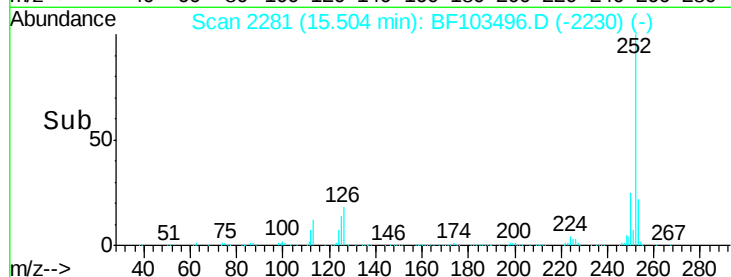
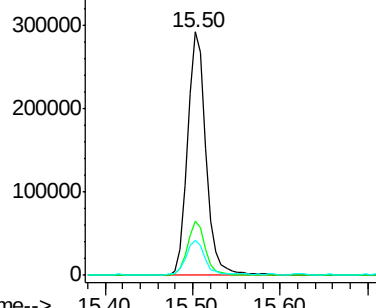
#89
Benzo(a)pyrene
Concen: 37.761 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 430331
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 14.2 9.8 14.6

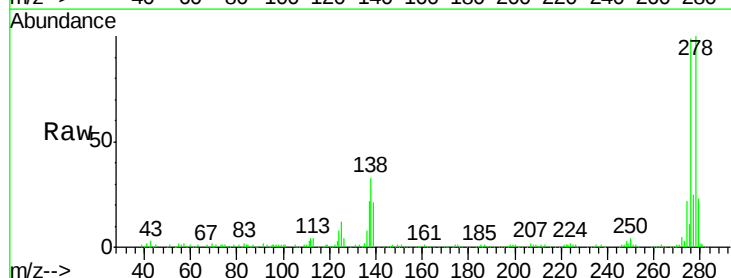


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

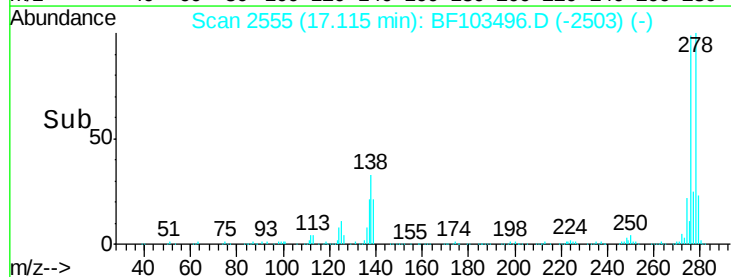
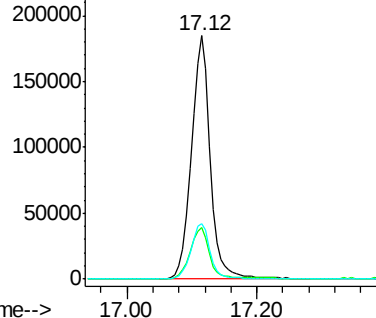


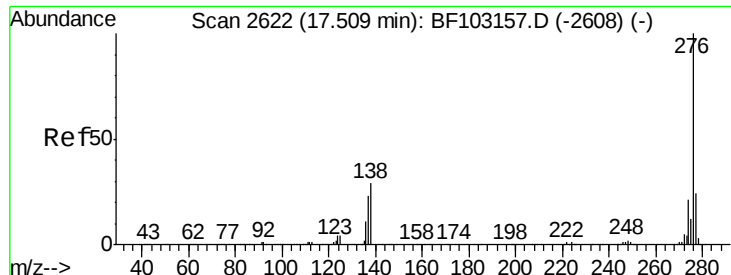
#90
Dibenzo(a,h)anthracene
Concen: 42.090 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF103496.D
Acq: 7 Mar 2018 13:08

Tgt Ion:278 Resp: 370647
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 22.9 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: 41.244 ng

RT: 17.58 min Scan# 2634

Delta R.T. 0.01 min

Lab File: BF103496.D

Acq: 7 Mar 2018 13:08

Instrument :

BNA_F

ClientSampleId :

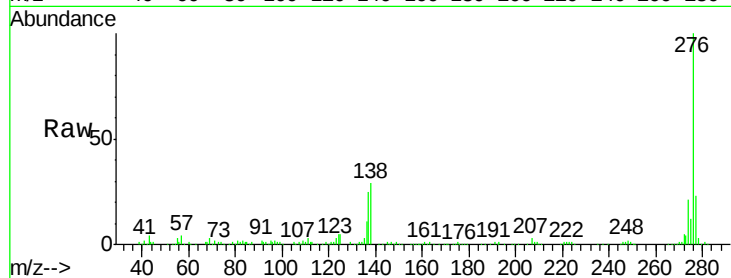
Tot Ion:276 Resp: 354970

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 29.4 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

