

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103491.D
 Acq On : 7 Mar 2018 10:49
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 11:40:37 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	134679	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	567455	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	251672	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	433641	20.00	ng	0.00
75) Chrysene-d12	14.06	240	310352	20.00	ng	0.00
86) Perylene-d12	15.56	264	276518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	721560	81.03	ng	0.00
7) Phenol-d6	6.50	99	839479	77.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	788614	79.37	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	146146	68.60	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1159268	77.74	ng	0.00
78) Terphenyl-d14	12.99	244	938284	72.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	175297	37.272	ng	96
3) Pyridine	3.42	79	451189	35.934	ng	96
4) n-Nitrosodimethylamine	3.37	42	179966	35.539	ng	97
6) Aniline	6.53	93	582166	37.020	ng	# 83
8) 2-Chlorophenol	6.66	128	352177	38.071	ng	96
9) Benzaldehyde	6.42	77	226584	32.373	ng	94
10) Phenol	6.52	94	478969	37.865	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	347810	36.228	ng	96
12) 1,3-Dichlorobenzene	6.80	146	413873	39.150	ng	97
13) 1,4-Dichlorobenzene	6.88	146	434681	41.013	ng	98
14) 1,2-Dichlorobenzene	7.03	146	379982	38.881	ng	98
15) Benzyl Alcohol	7.02	79	309551	37.700	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	597704	36.255	ng	67
17) 2-Methylphenol	7.12	107	324261	38.572	ng	# 91
18) Hexachloroethane	7.37	117	149984	38.873	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	274000	40.404	ng	94
20) 3+4-Methylphenols	7.28	107	400793	39.111	ng	# 50
22) Acetophenone	7.28	105	545829	41.209	ng	# 88
24) Nitrobenzene	7.46	77	450316	41.162	ng	96
25) Isophorone	7.69	82	757540	38.709	ng	96
26) 2-Nitrophenol	7.77	139	209481	40.675	ng	92
27) 2,4-Dimethylphenol	7.80	122	305273	38.779	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	453220	39.390	ng	97
29) 2,4-Dichlorophenol	8.02	162	304244	40.367	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	304572	37.948	ng	98
31) Naphthalene	8.17	128	1046968	37.686	ng	99
32) Benzoic acid	7.96	122	215951	38.564	ng	94
33) 4-Chloroaniline	8.23	127	465895	38.862	ng	97
34) Hexachlorobutadiene	8.27	225	150854	36.094	ng	98
35) Caprolactam	8.60	113	97650	36.865	ng	87
36) 4-Chloro-3-methylphenol	8.71	107	336218	39.550	ng	96
37) 2-Methylnaphthalene	8.86	142	662319	36.888	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	262591	38.166	ng	98
40) Hexachlorocyclopentadiene	9.01	237	82237	39.027	ng	100

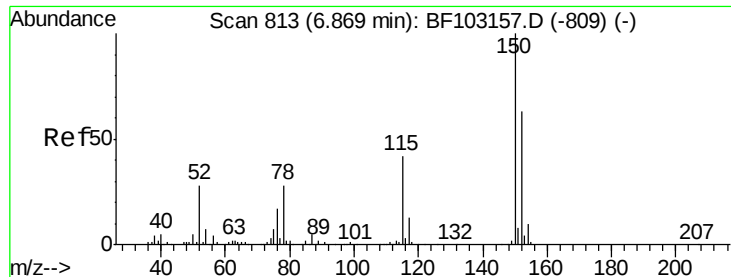
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103491.D
 Acq On : 7 Mar 2018 10:49
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 11:40:37 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)
42) 2,4,6-Trichlorophenol	9.15	196	165603	35.771	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	198343	37.250	ng	96
45) 1,1'-Biphenyl	9.33	154	830836	39.397	ng	99
46) 2-Chloronaphthalene	9.36	162	651844	39.070	ng	99
47) 2-Nitroaniline	9.46	65	266011	43.043	ng	88
48) Acenaphthylene	9.77	152	982303	38.266	ng	100
49) Dimethylphthalate	9.62	163	733989	36.355	ng	99
50) 2,6-Dinitrotoluene	9.70	165	159871	37.734	ng	# 76
51) Acenaphthene	9.95	154	566673	37.857	ng	100
52) 3-Nitroaniline	9.87	138	214151	39.839	ng	94
53) 2,4-Dinitrophenol	10.00	184	45610	35.840	ng	# 21
54) Dibenzofuran	10.12	168	765741	37.266	ng	96
55) 4-Nitrophenol	10.05	139	117179	35.173	ng	# 88
56) 2,4-Dinitrotoluene	10.11	165	193256	36.066	ng	# 67
57) Fluorene	10.46	166	636484	36.362	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	131853	36.862	ng	99
59) Diethylphthalate	10.32	149	722210	37.402	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	280561	37.797	ng	99
61) 4-Nitroaniline	10.50	138	201222	37.478	ng	99
62) Azobenzene	10.61	77	805837	40.999	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	89743	35.454	ng	85
65) n-Nitrosodiphenylamine	10.57	169	570615	37.792	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	166602	36.881	ng	96
67) Hexachlorobenzene	11.01	284	179961	36.704	ng	96
68) Atrazine	11.09	200	160066	35.271	ng	99
69) Pentachlorophenol	11.22	266	91591	38.635	ng	94
70) Phenanthrene	11.43	178	871289	36.510	ng	99
71) Anthracene	11.48	178	932321	38.098	ng	100
72) Carbazole	11.64	167	926385	38.014	ng	99
73) Di-n-butylphthalate	11.95	149	1147130	37.619	ng	99
74) Fluoranthene	12.62	202	916395	38.213	ng	99
76) Benzidine	12.74	184	493014	42.492	ng	99
77) Pyrene	12.86	202	905773	37.433	ng	99
79) Butylbenzylphthalate	13.45	149	497045	38.880	ng	93
80) Benzo(a)anthracene	14.05	228	744235	36.959	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	257638	35.851	ng	99
82) Chrysene	14.09	228	733367	37.508	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	623808	36.159	ng	# 98
84) Di-n-octyl phthalate	14.63	149	1054762	37.841	ng	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	557493	36.016	ng	98
87) Benzo(b)fluoranthene	15.12	252	616672	33.919	ng	98
88) Benzo(k)fluoranthene	15.15	252	644572	37.650	ng	99
89) Benzo(a)pyrene	15.50	252	599046	36.897	ng	98
90) Dibenzo(a,h)anthracene	17.11	278	467121	37.234	ng	98
91) Benzo(g,h,i)perylene	17.57	276	472546	38.540	ng	99

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

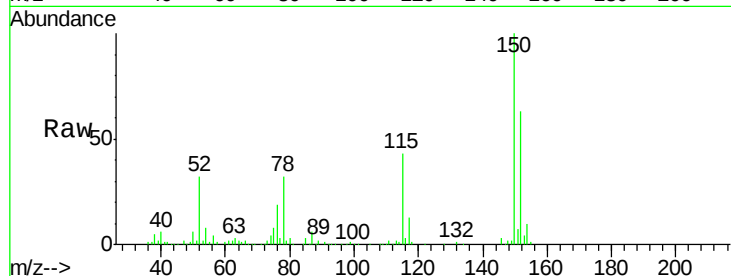


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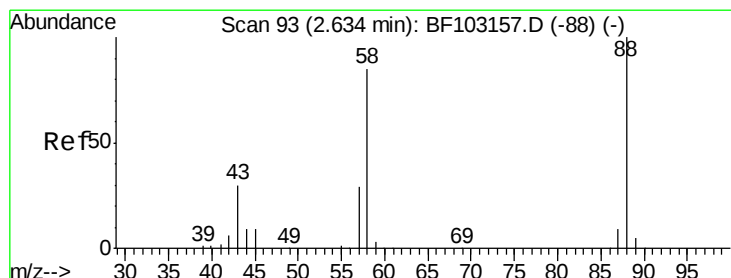
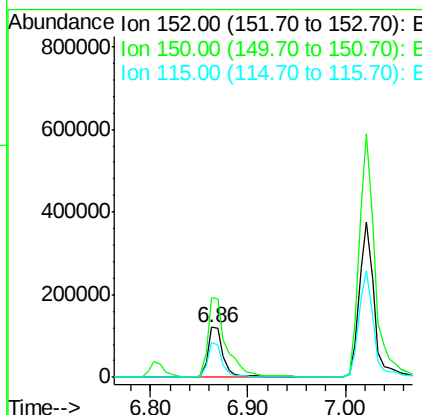
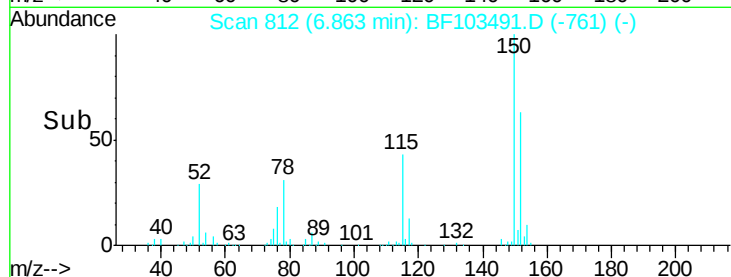
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134679
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 68.7 50.1 75.1



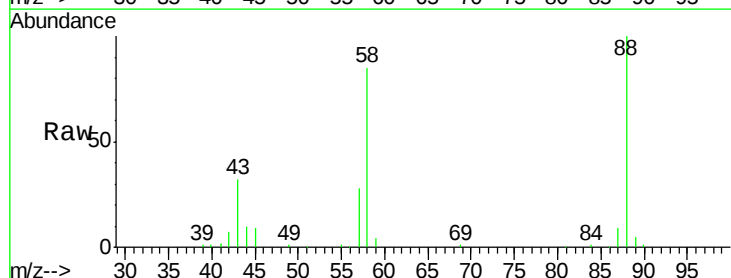
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



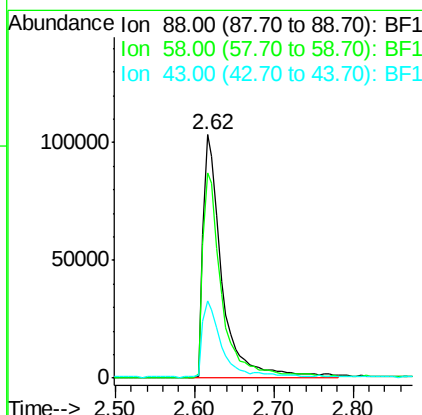
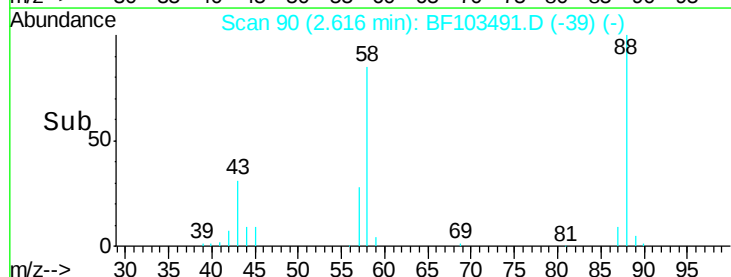
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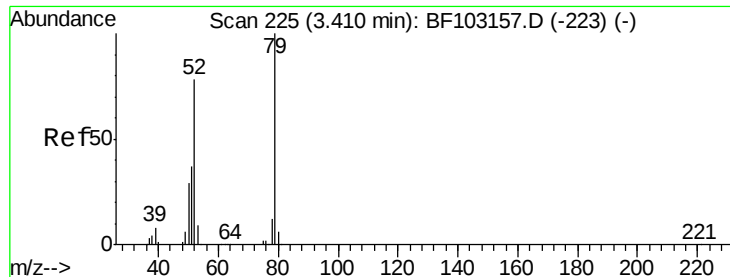
1,4-Dioxane
Concen: 37.272 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion: 88 Resp: 175297
Ion Ratio Lower Upper
88 100
58 82.9 62.6 93.8
43 31.5 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

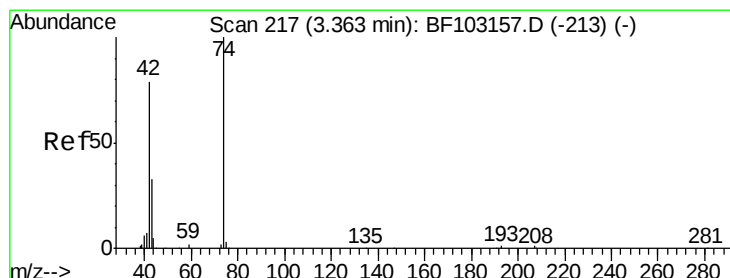
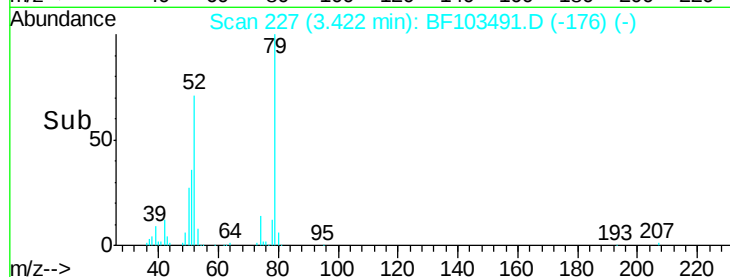
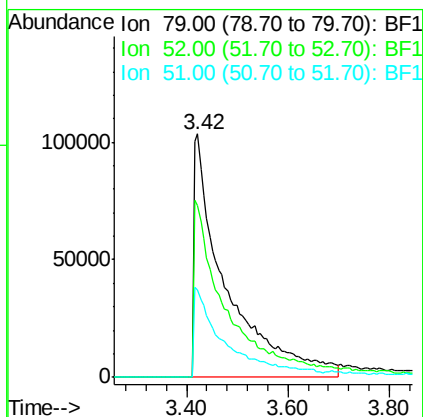
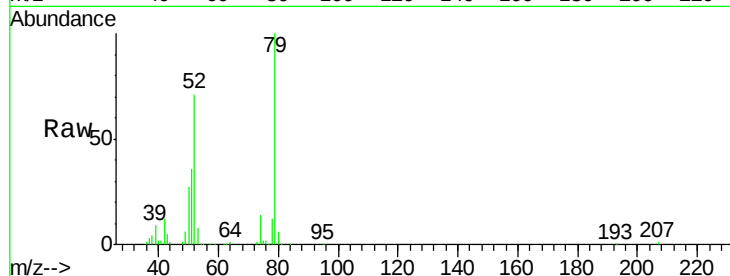




#3
Pvridine
Concen: 35.934 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

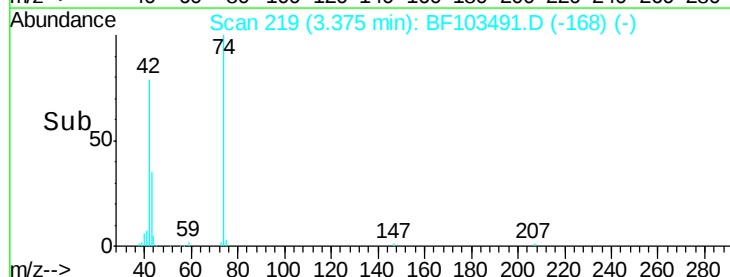
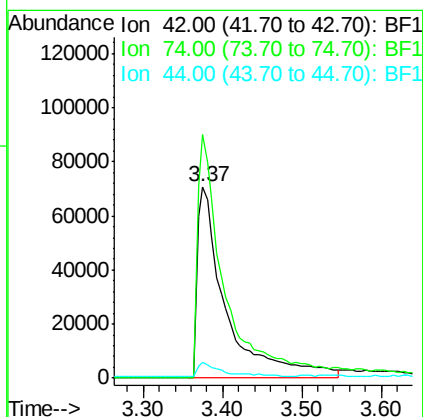
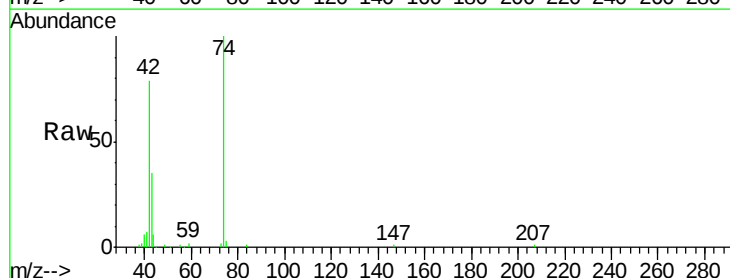
Instrument :
BNA_F
ClientSampleId :

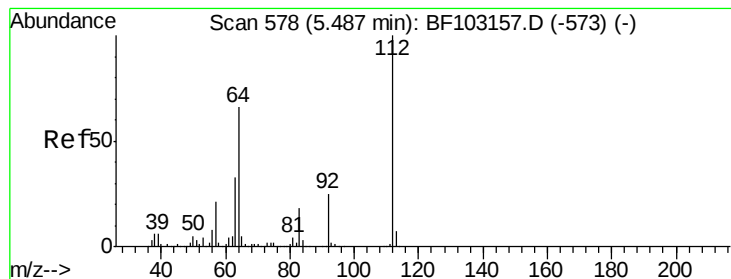
Tot Ion	79	Resp	451189
Ion	Ratio	Lower	Upper
79	100		
52	70.8	59.8	89.6
51	35.8	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 35.539 ng
RT: 3.37 min Scan# 219
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion	42	Resp	179966
Ion	Ratio	Lower	Upper
42	100		
74	127.2	104.9	157.3
44	8.0	6.9	10.3

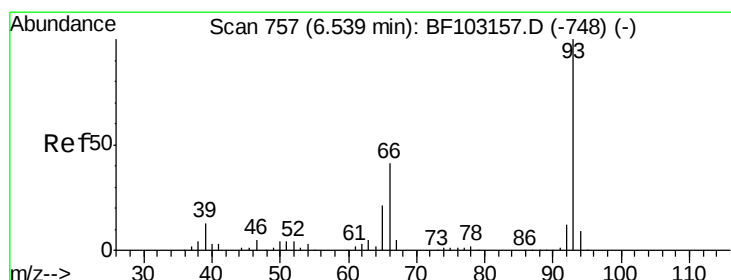
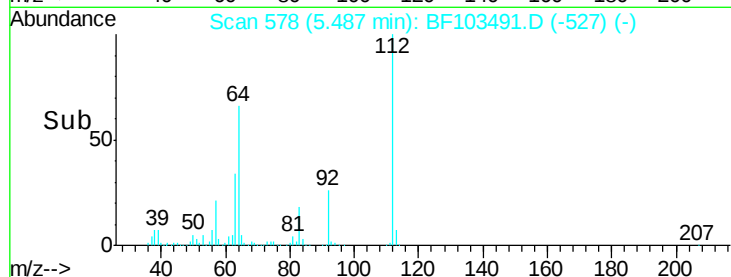
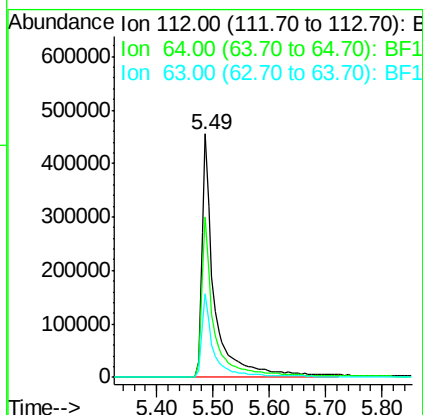
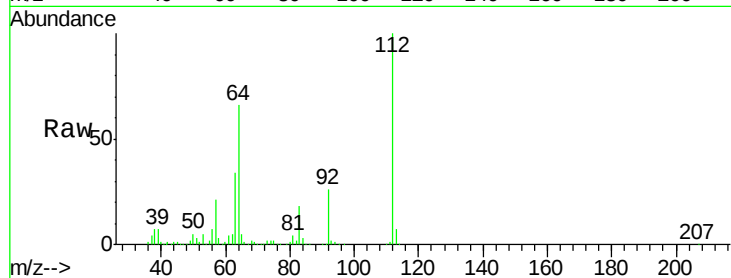




#5
 2-Fluorophenol
 Concen: 81.030 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

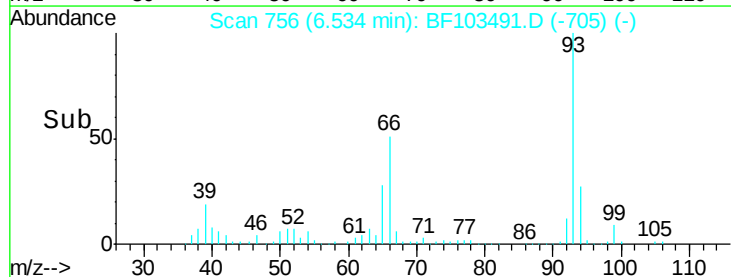
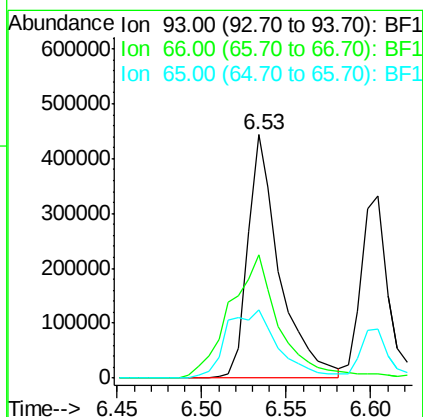
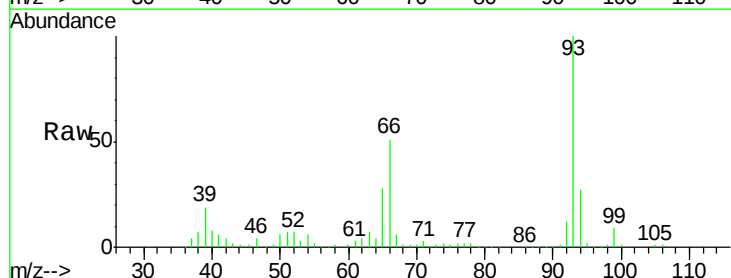
Instrument :
 BNA_F
 ClientSampleId :

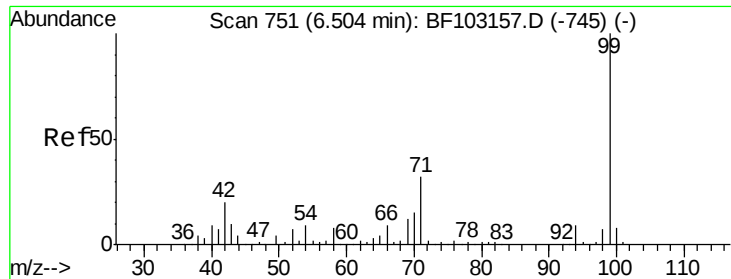
Tot Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	34.4	23.7	35.5



#6
 Aniline
 Concen: 37.020 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion	Ratio	Lower	Upper
93	100		
66	50.8	32.2	48.2#
65	28.0	16.4	24.6#





#7

Phenol-d6

Concen: 77.042 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

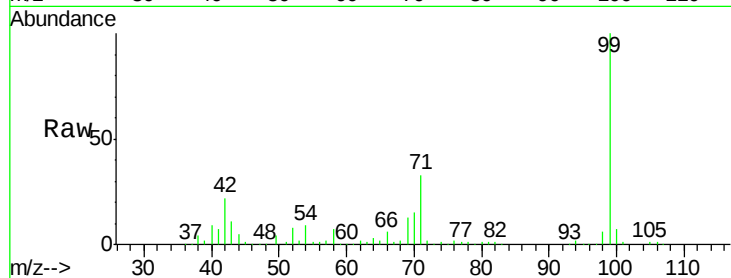
Tot Ion: 99 Resp: 839479

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

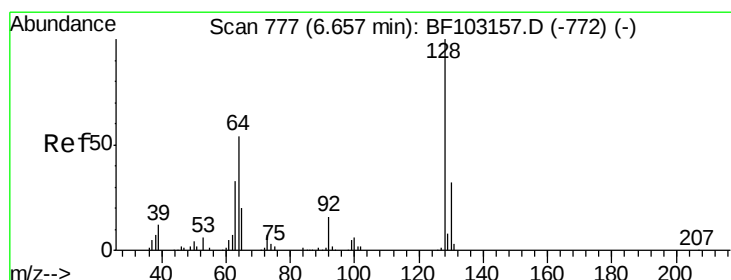
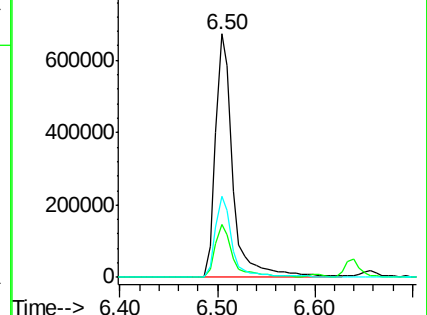
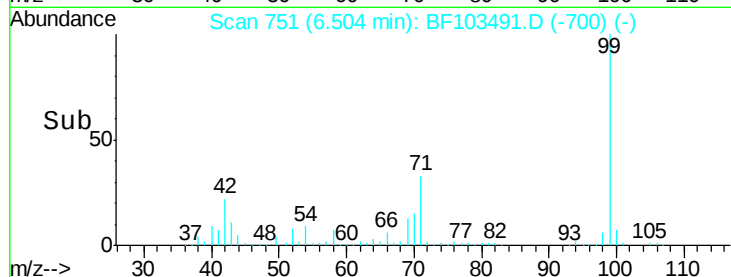
71 33.3 25.4 38.0



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: 38.071 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

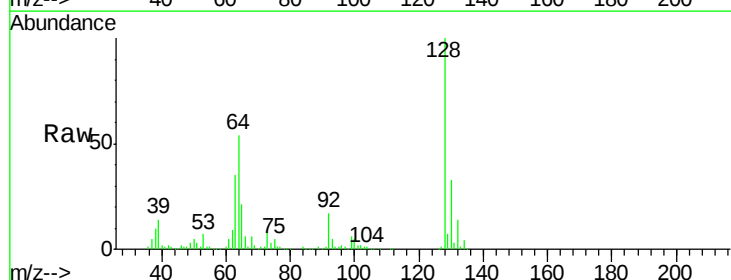
Tgt Ion: 128 Resp: 352177

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

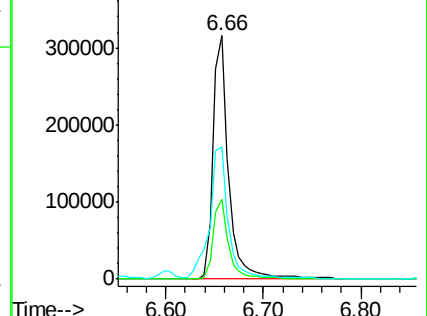
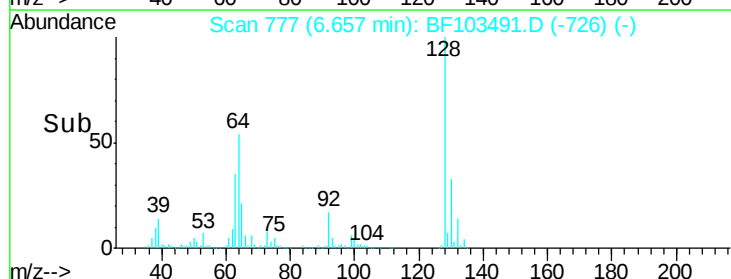
64 54.1 29.4 69.4



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: 32.373 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

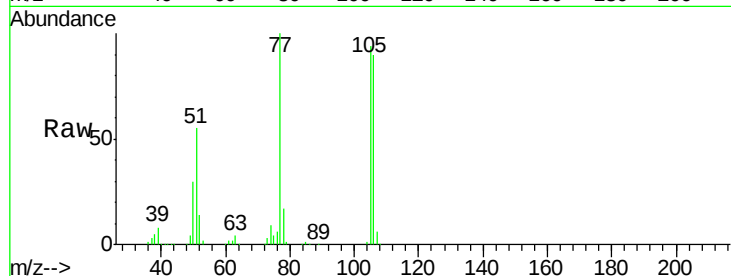
Tot Ion: 77 Resp: 226584

Ion Ratio Lower Upper

77 100

105 94.1 81.1 121.1

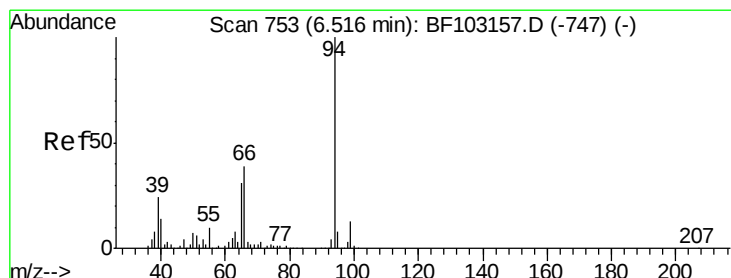
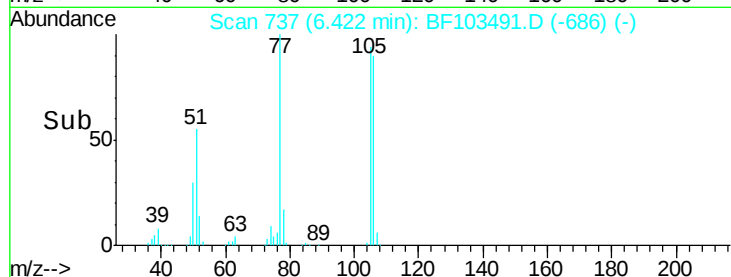
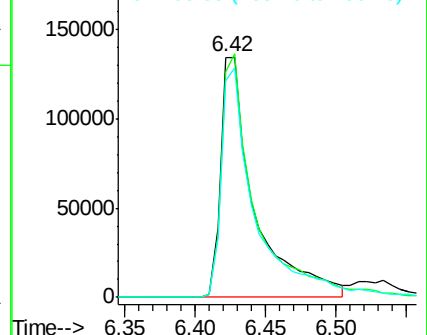
106 90.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.865 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

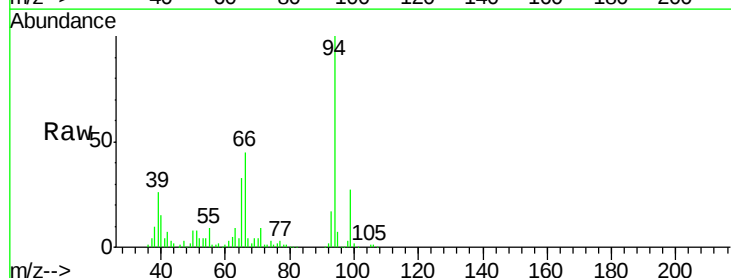
Tgt Ion: 94 Resp: 478969

Ion Ratio Lower Upper

94 100

65 33.3 7.9 47.9

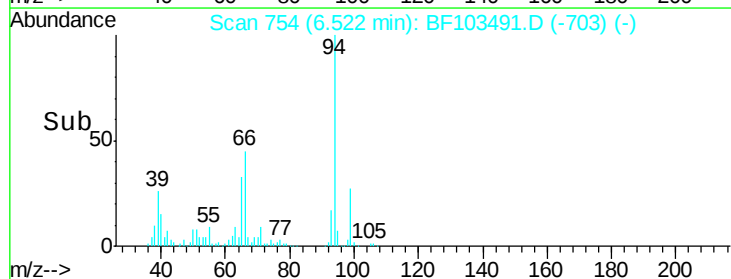
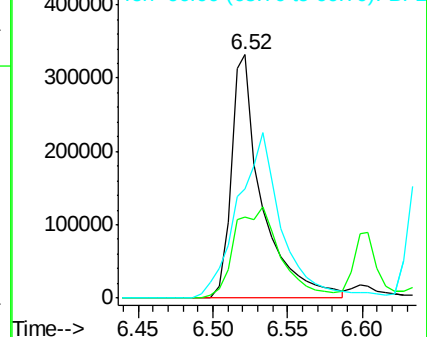
66 45.0 16.2 56.2

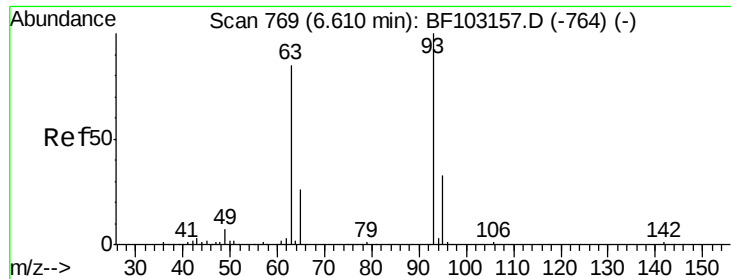


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

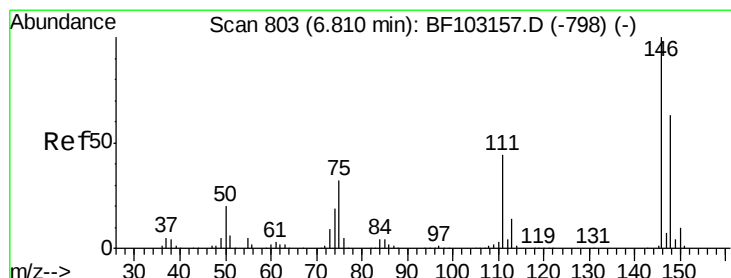
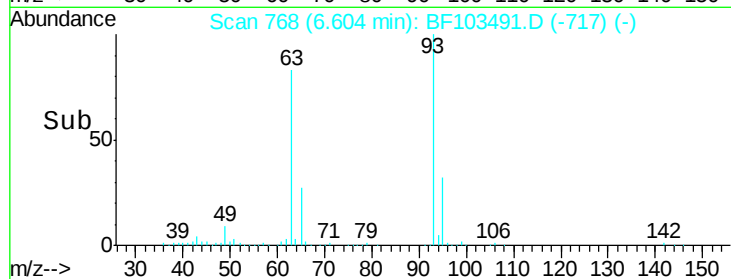
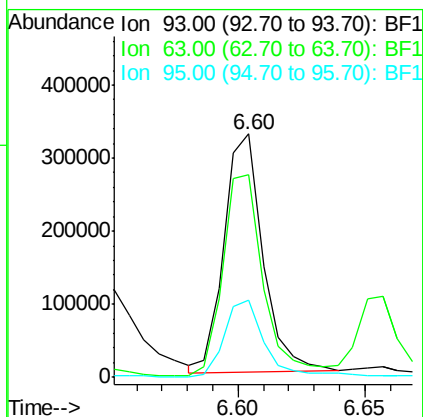
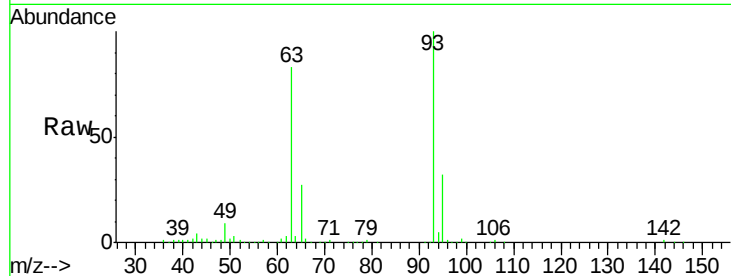




#11
 bis(2-Chloroethyl)ether
 Concen: 36.228 ng
 RT: 6.60 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

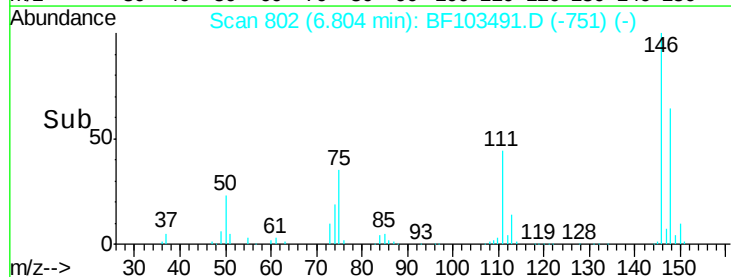
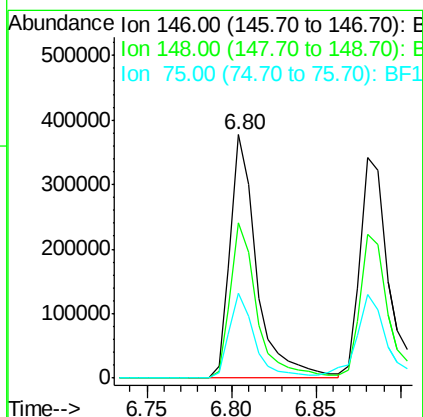
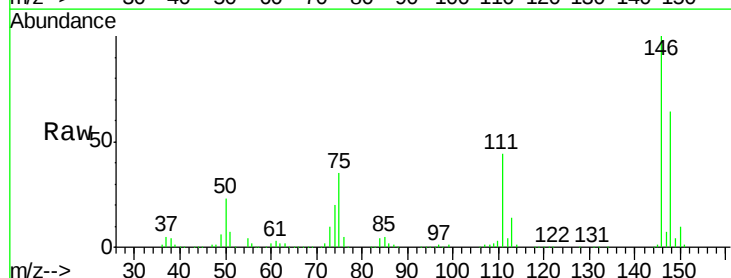
Instrument :
 BNA_F
 ClientSampleId :

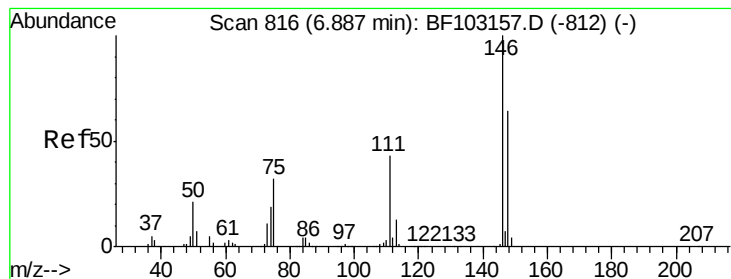
Tot Ion: 93 Resp: 347810
 Ion Ratio Lower Upper
 93 100
 63 83.5 58.6 98.6
 95 31.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.150 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion: 146 Resp: 413873
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 75 35.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.013 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampled :

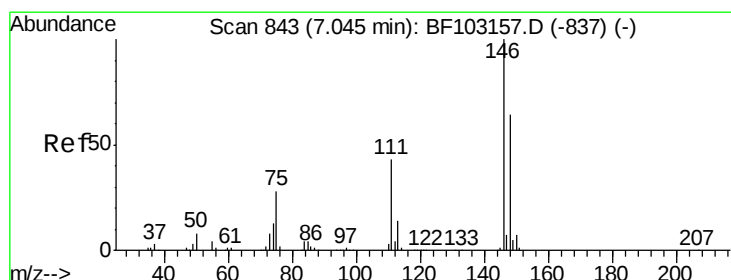
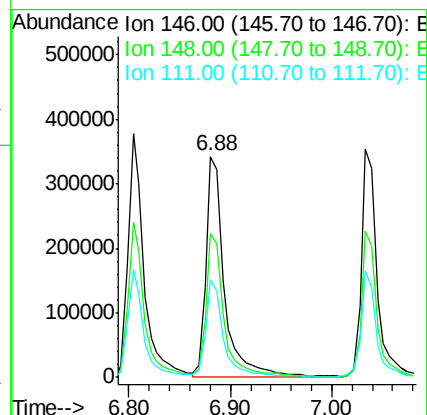
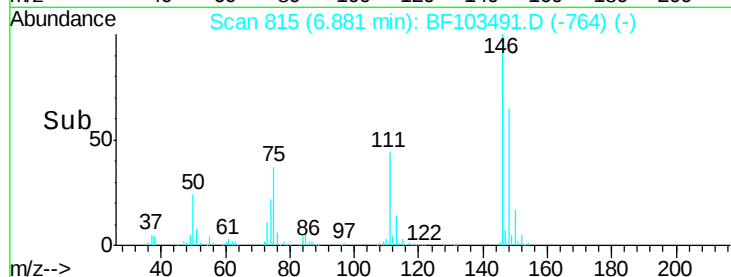
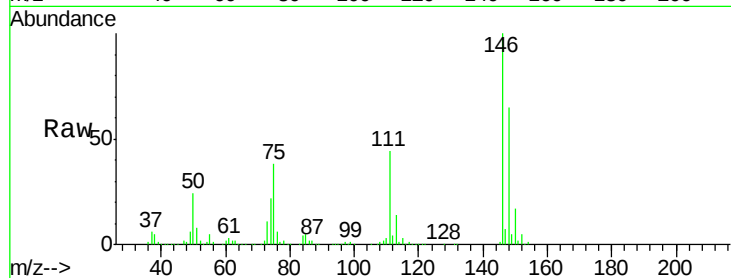
Tot Ion:146 Resp: 434681

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

111 44.1 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 38.881 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

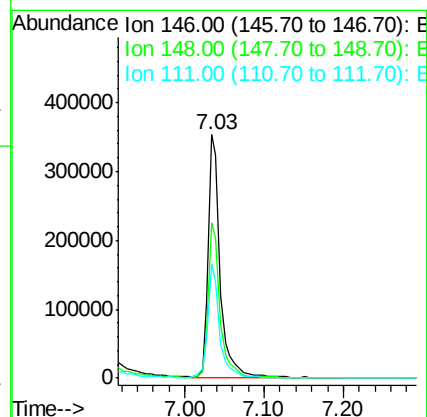
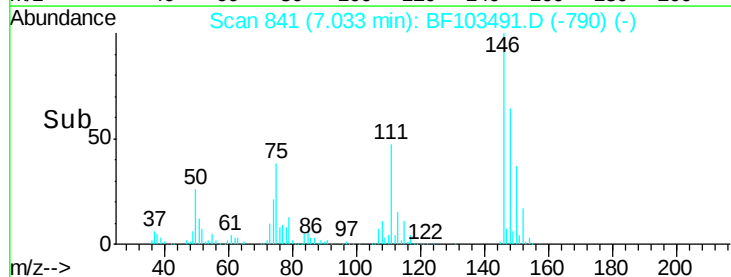
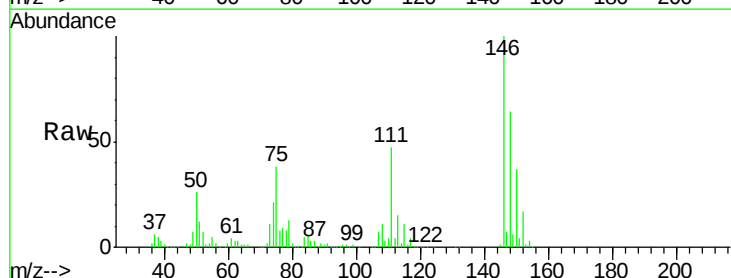
Tgt Ion:146 Resp: 379982

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

111 47.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.700 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

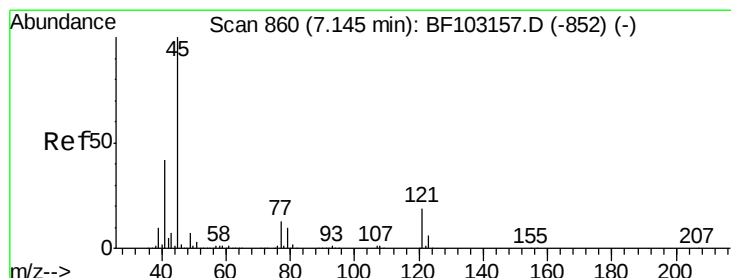
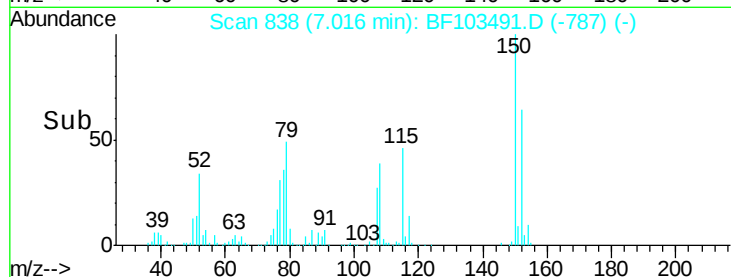
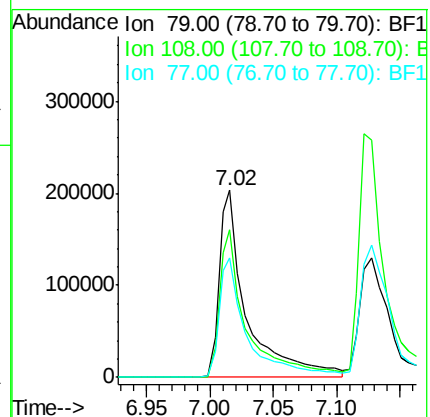
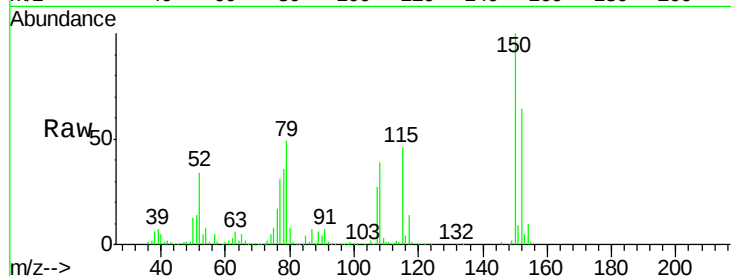
Tot Ion: 79 Resp: 309551

Ion Ratio Lower Upper

79 100

108 79.1 65.1 97.7

77 64.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.255 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

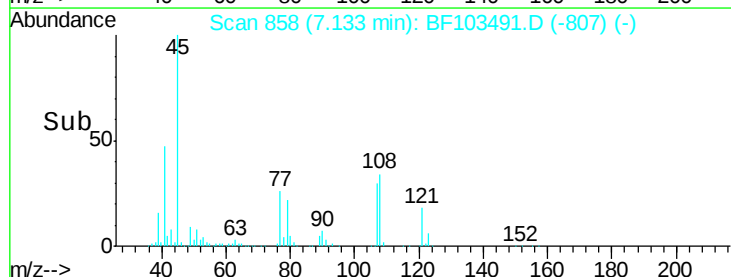
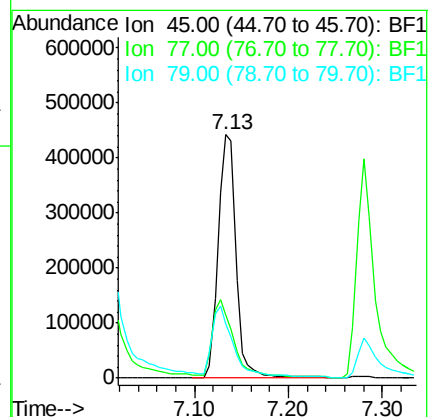
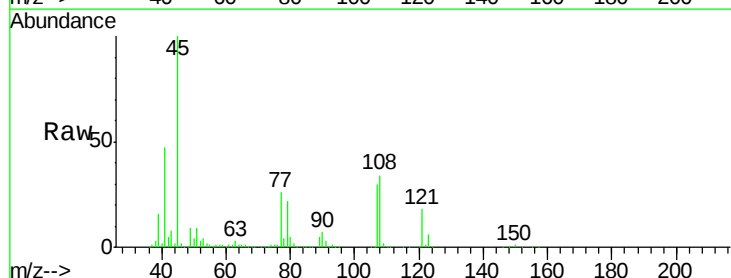
Tgt Ion: 45 Resp: 597704

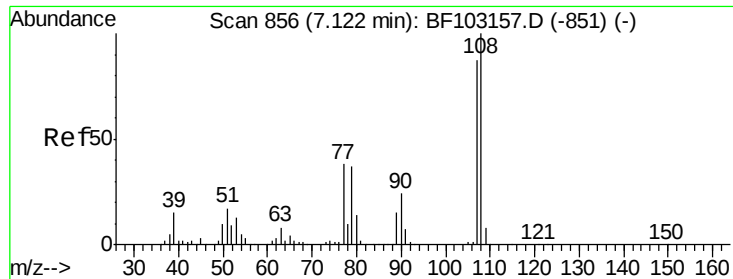
Ion Ratio Lower Upper

45 100

77 25.8 0.0 32.9

79 22.0 0.0 29.6

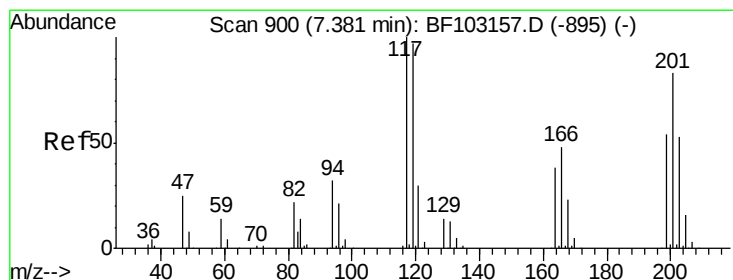
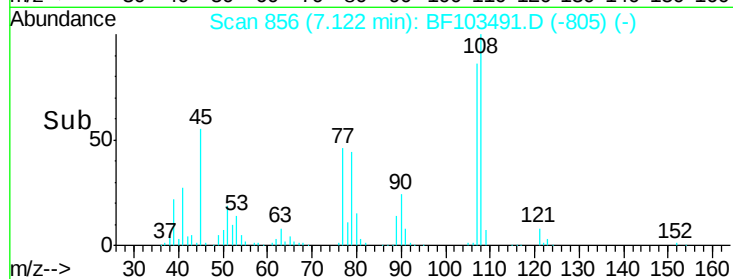
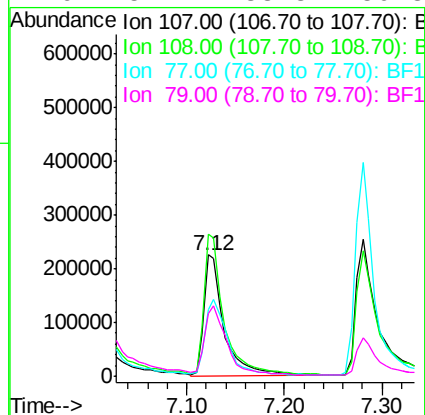
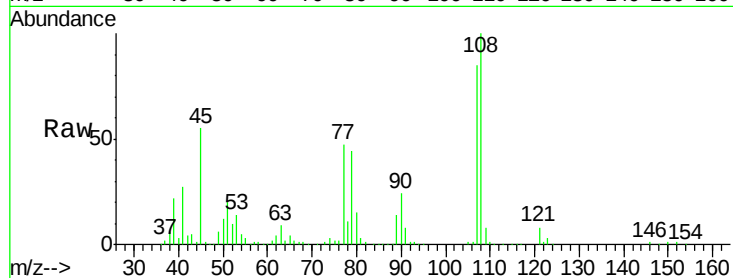




#17
2-Methylphenol
Concen: 38.572 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

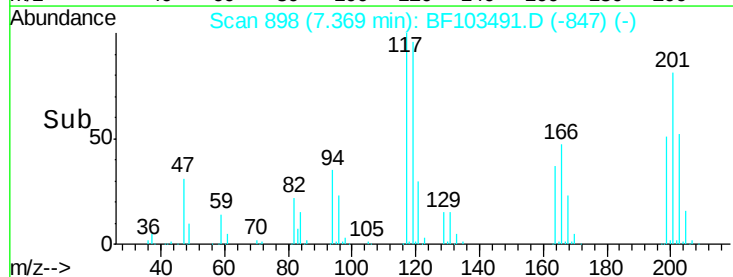
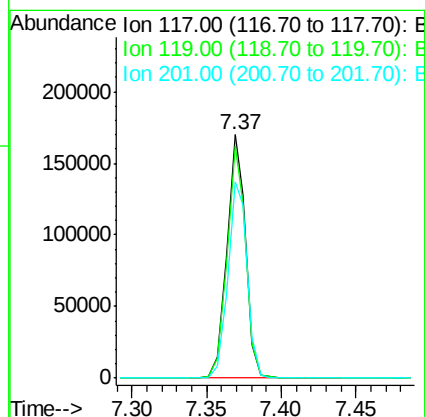
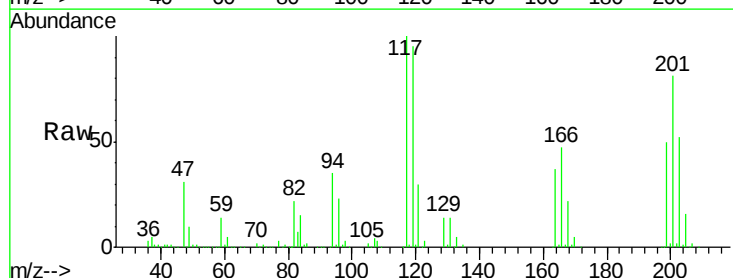
Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 324261
Ion Ratio Lower Upper
107 100
108 117.1 91.7 137.5
77 54.6 33.8 50.8#
79 51.7 33.8 50.8#



#18
Hexachloroethane
Concen: 38.873 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:117 Resp: 149984
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 80.5 75.7 113.5

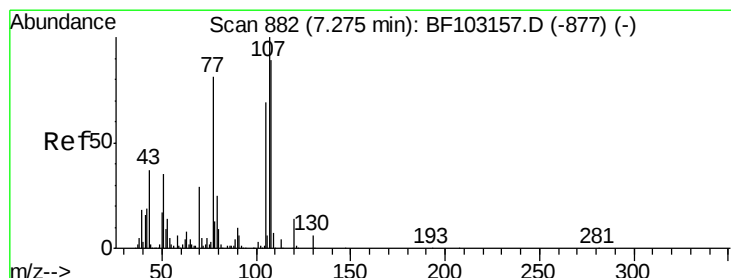
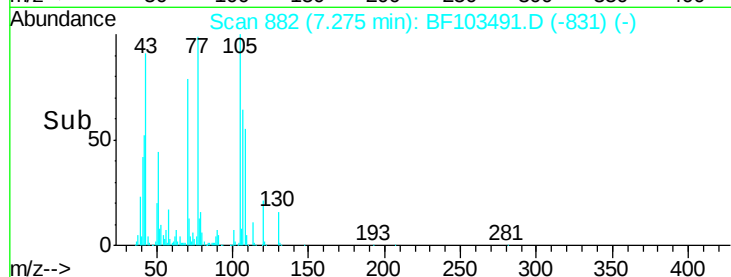
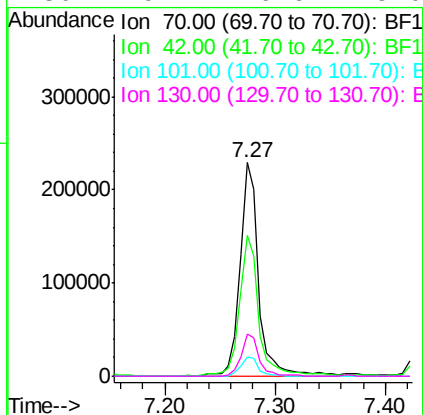
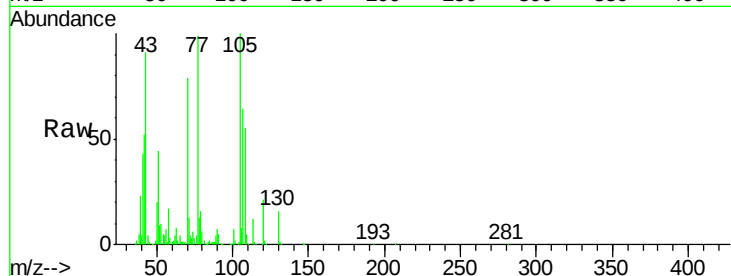




#19
n-Nitroso-di-n-propylamine
Concen: 40.404 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

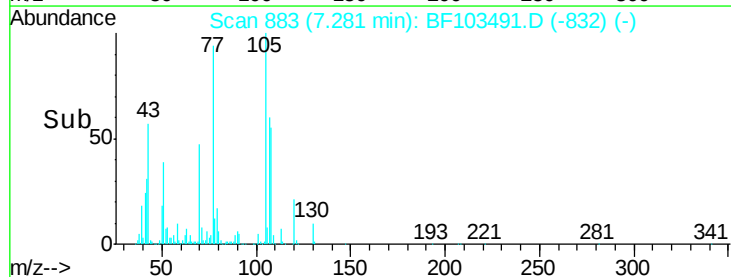
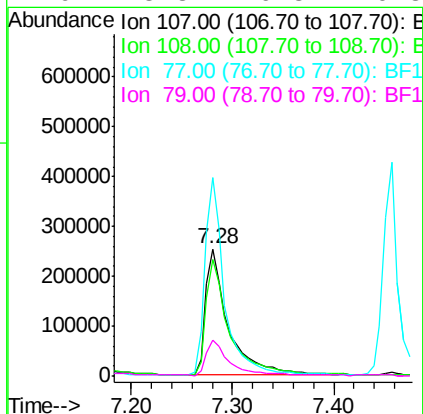
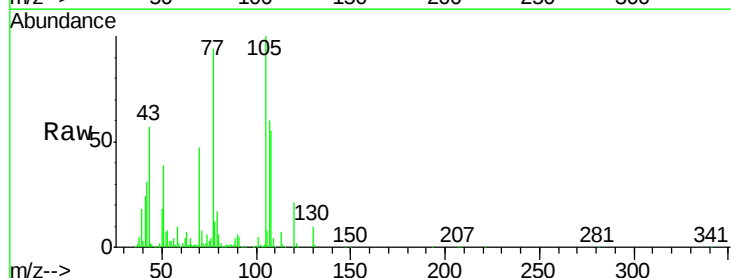
Instrument :
BNA_F
ClientSampleId :

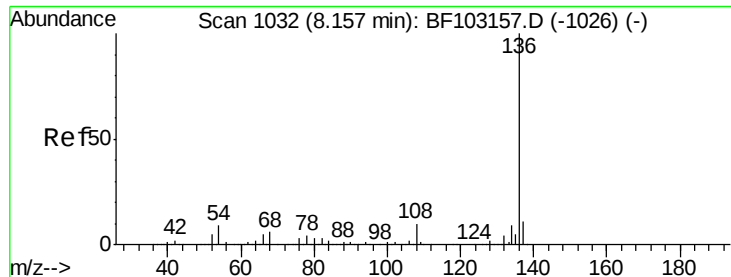
Tot Ion: 70 Resp: 274000
Ion Ratio Lower Upper
70 100
42 65.8 47.5 71.3
101 9.3 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.111 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion: 107 Resp: 400793
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 155.6 26.7 66.7#
79 28.3 6.3 46.3

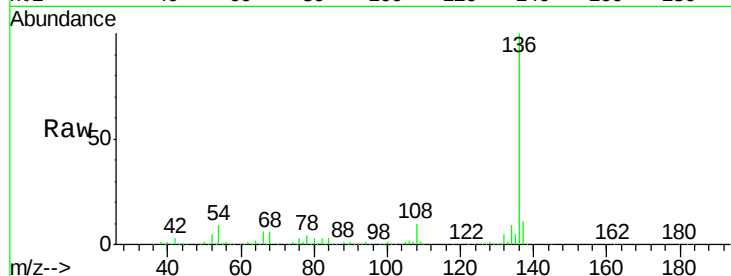




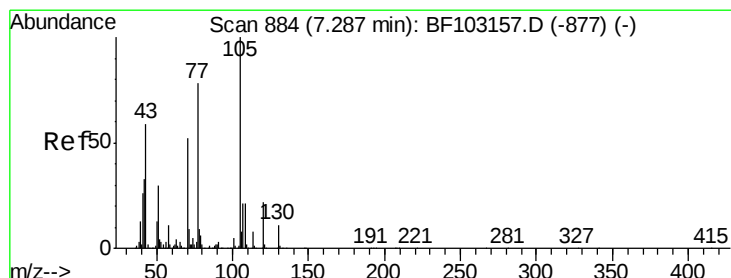
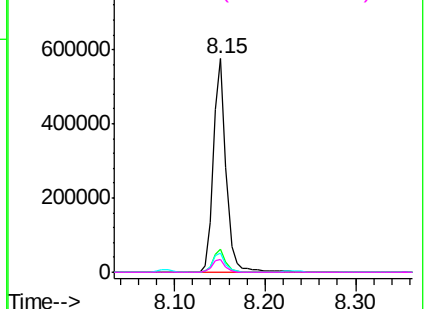
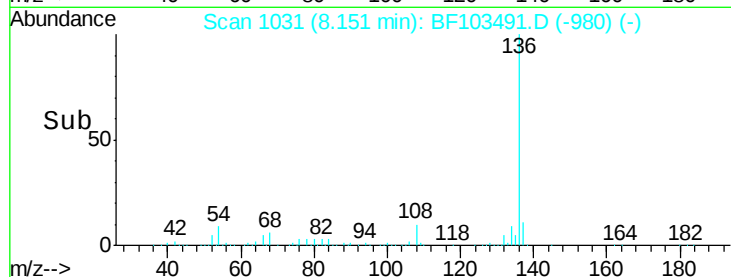
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	567455
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.9	6.6 9.8
68	6.3	5.0 7.4

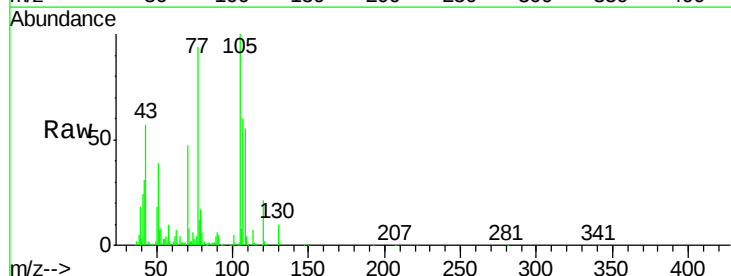


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

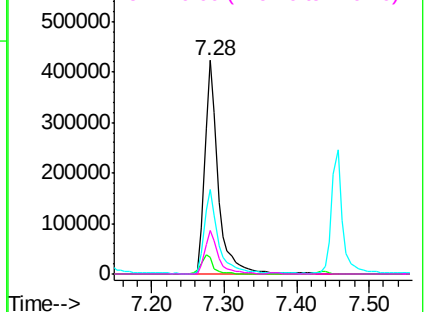
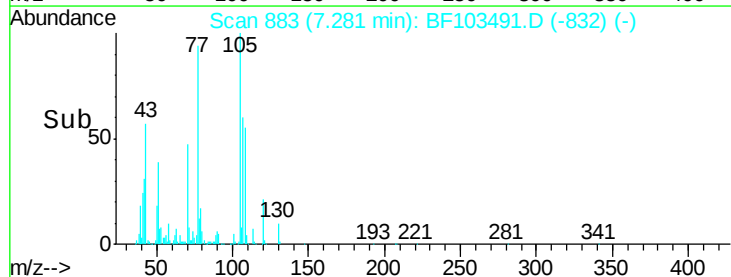


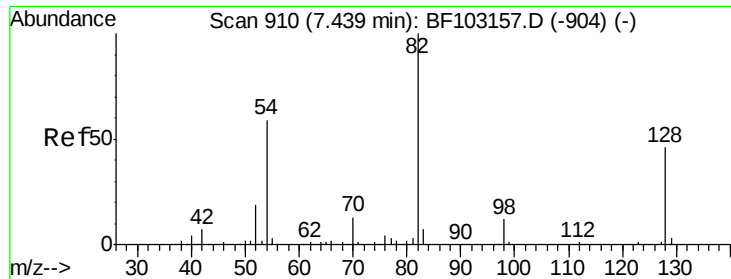
#22
Acetophenone
Concen: 41.209 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:105	Resp:	545829
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.4 6.6#
51	39.4	22.3 33.5#
120	20.6	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

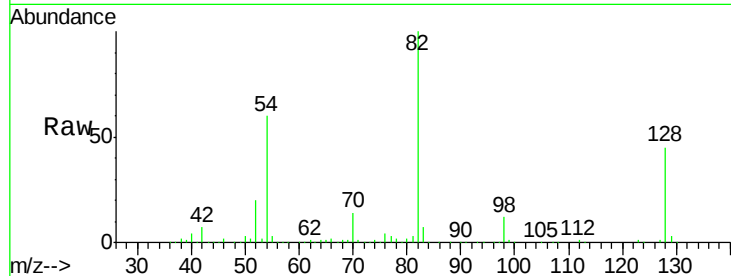




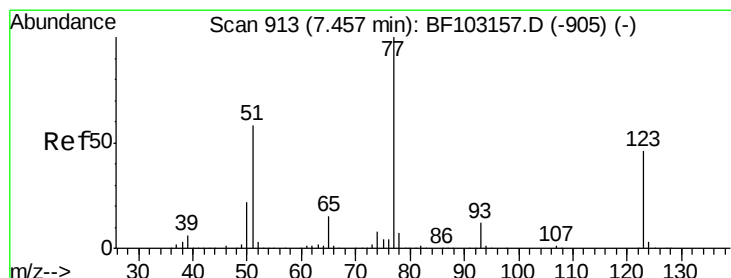
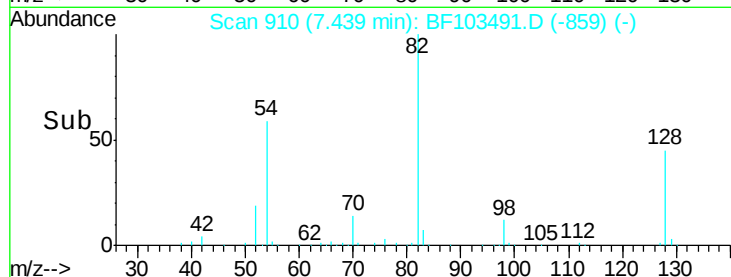
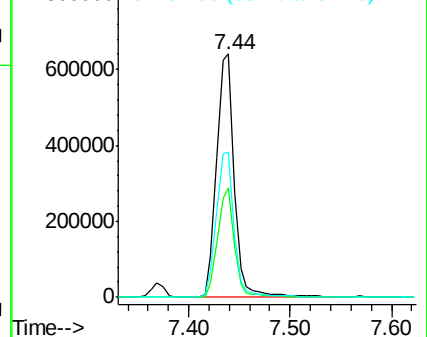
#23
Nitrobenzene-d5
Concen: 79.366 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 788614
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 59.8 41.4 62.2

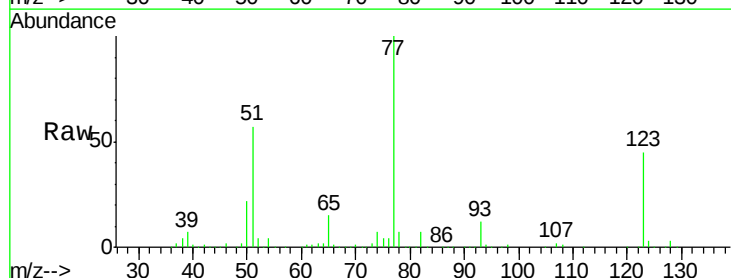


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

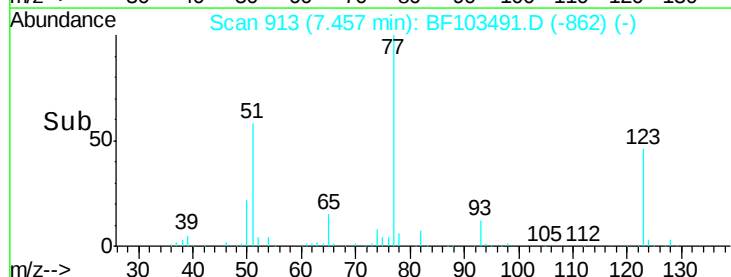
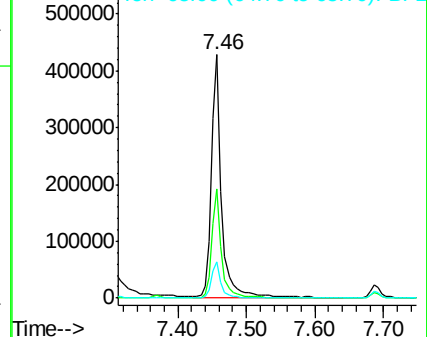


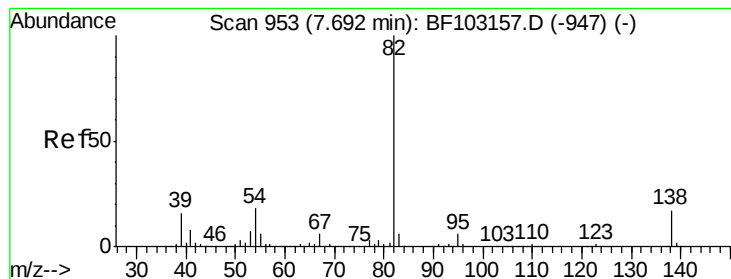
#24
Nitrobenzene
Concen: 41.162 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion: 77 Resp: 450316
Ion Ratio Lower Upper
77 100
123 44.7 37.9 56.9
65 14.9 11.0 16.4



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





#25

Isophorone

Concen: 38.709 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

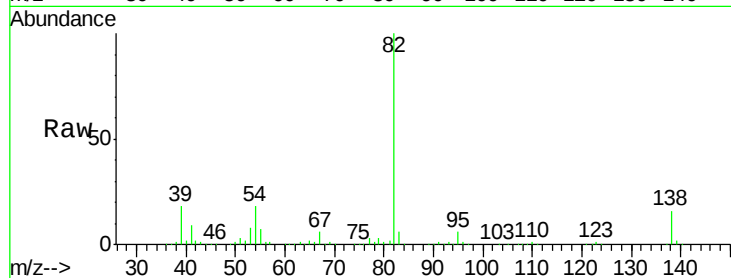
Tot Ion: 82 Resp: 757540

Ion Ratio Lower Upper

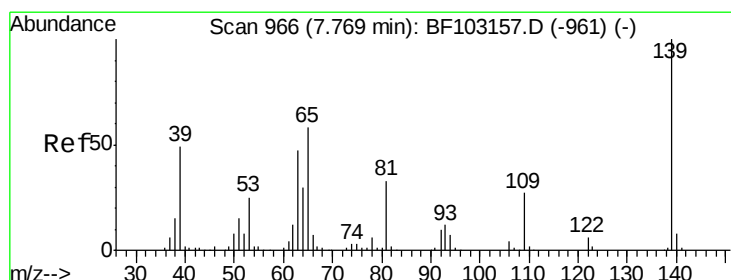
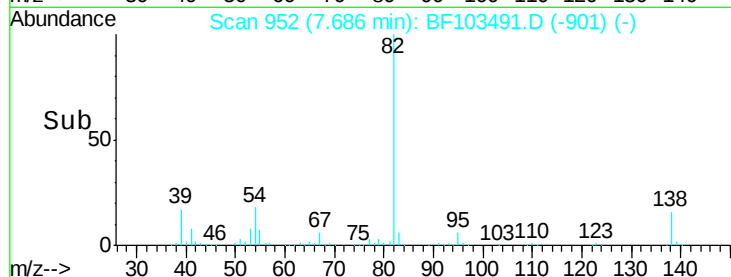
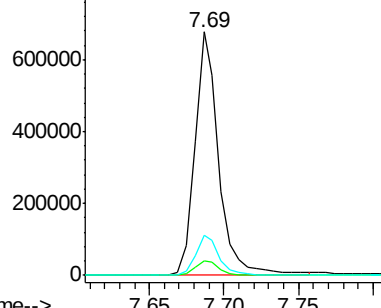
82 100

95 6.2 5.2 7.8

138 16.4 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: 40.675 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

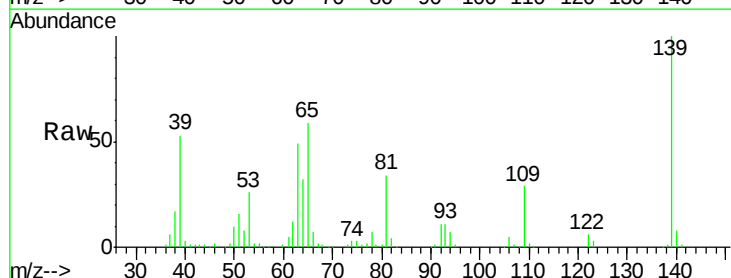
Tgt Ion: 139 Resp: 209481

Ion Ratio Lower Upper

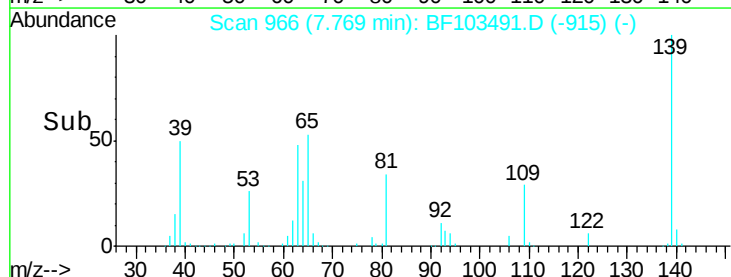
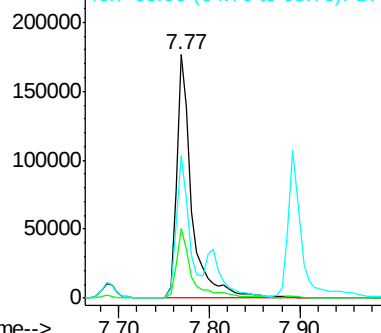
139 100

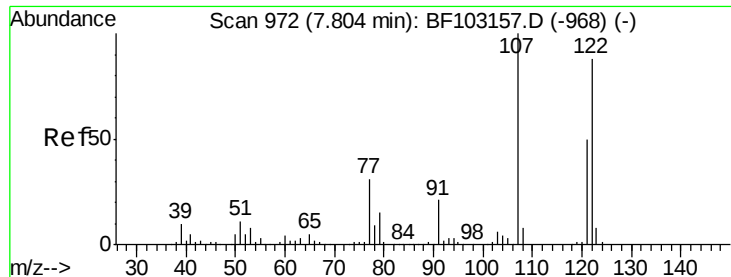
109 28.8 22.7 34.1

65 58.5 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: 38.779 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

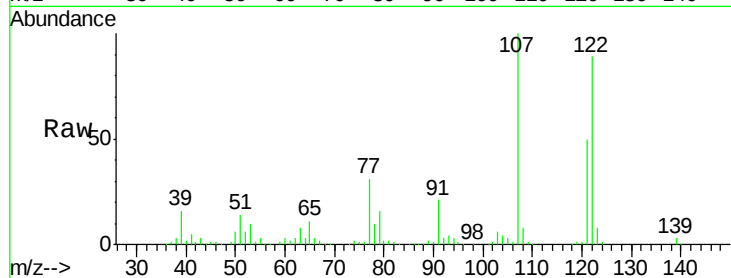
Tot Ion:122 Resp: 305273

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

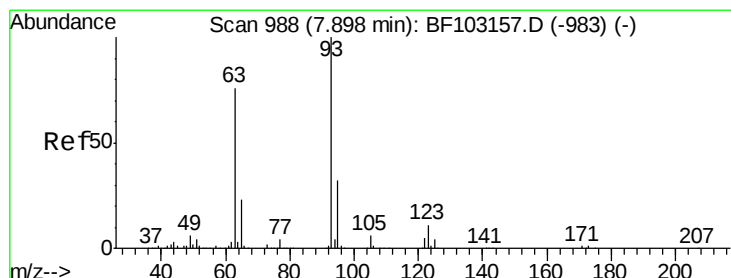
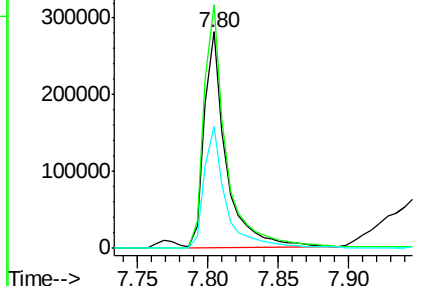
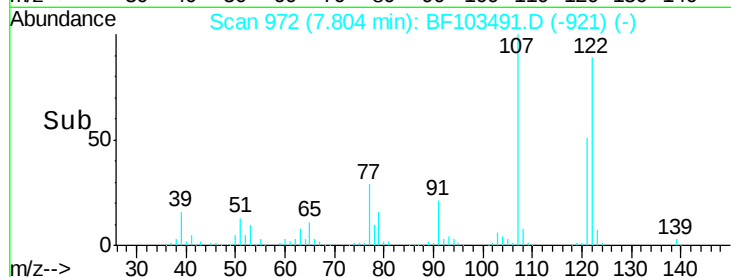
121 56.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.390 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

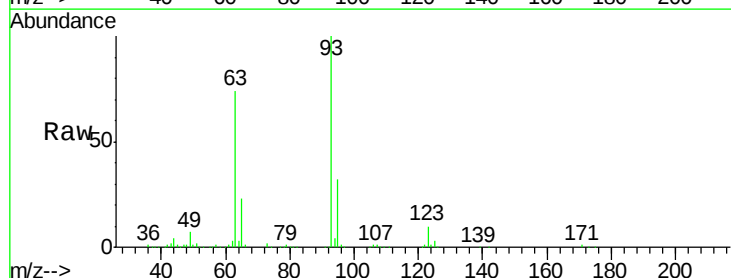
Tgt Ion: 93 Resp: 453220

Ion Ratio Lower Upper

93 100

95 31.5 26.3 39.5

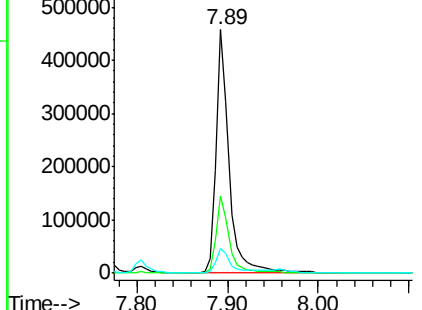
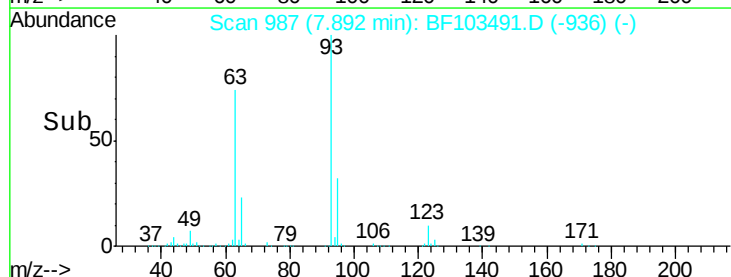
123 10.2 9.8 14.6

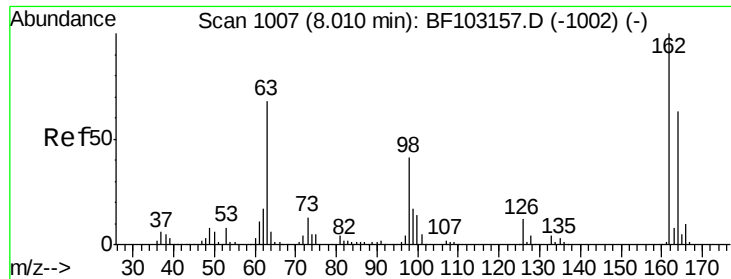


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

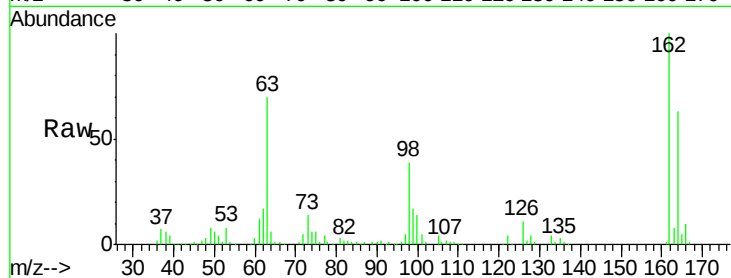




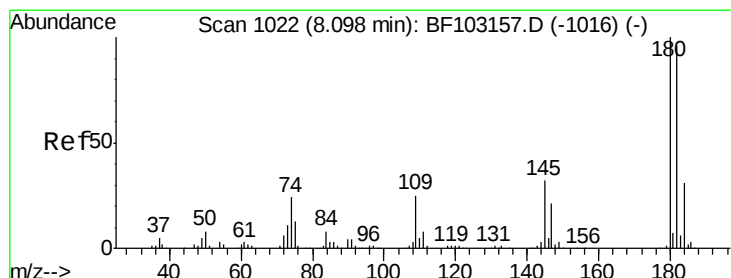
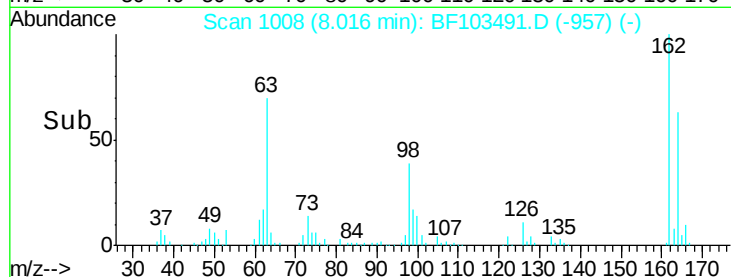
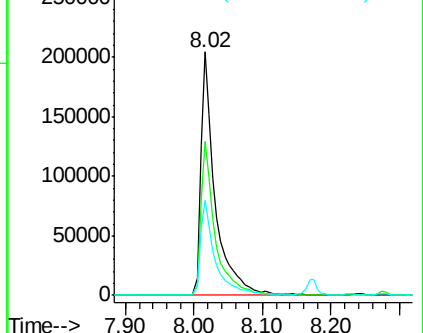
#29
 2,4-Dichlorophenol
 Concen: 40.367 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 304244
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.7 82.7
 98 39.3 18.1 58.1

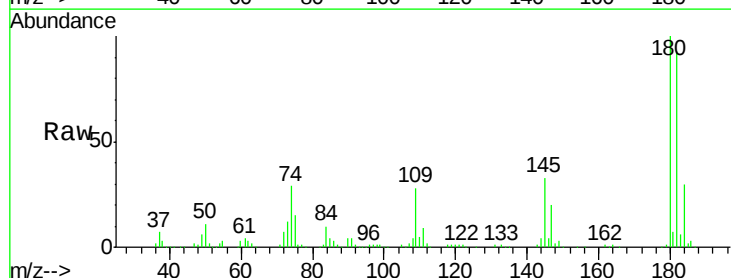


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

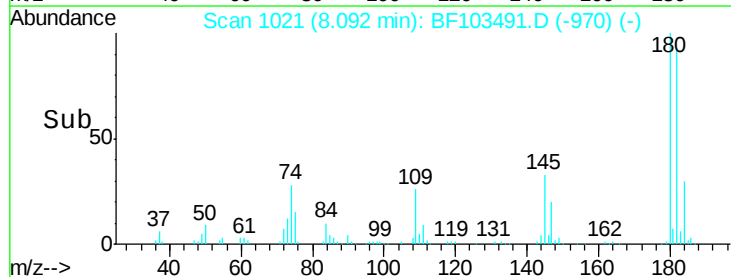
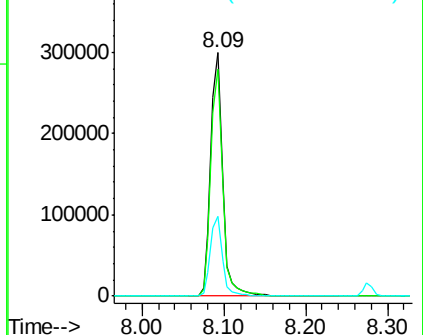


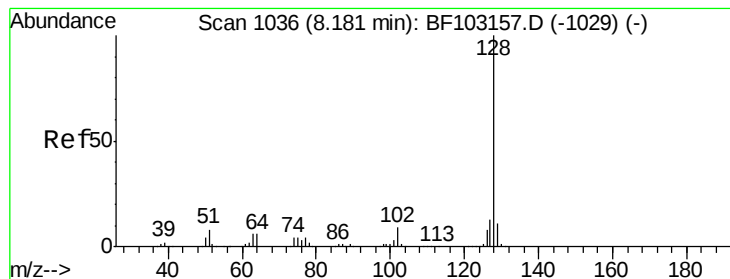
#30
 1,2,4-Trichlorobenzene
 Concen: 37.948 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion:180 Resp: 304572
 Ion Ratio Lower Upper
 180 100
 182 93.4 76.8 115.2
 145 33.0 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: 37.686 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

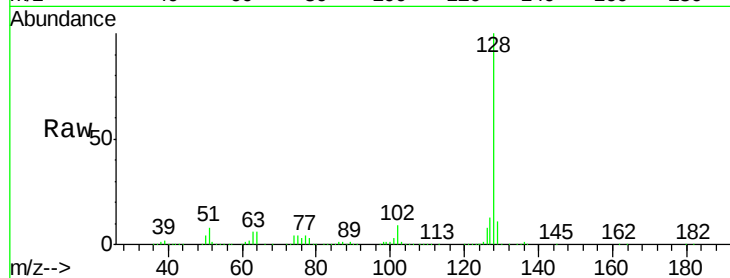
Tot Ion:128 Resp: 1046968

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

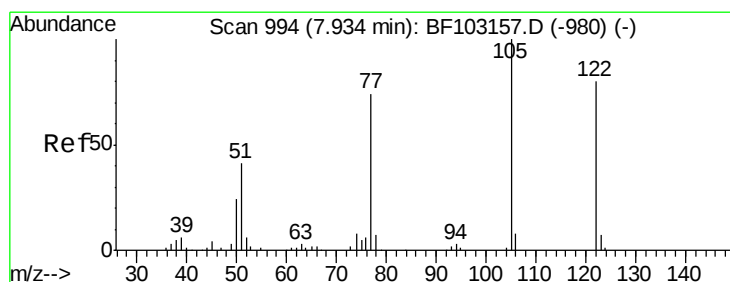
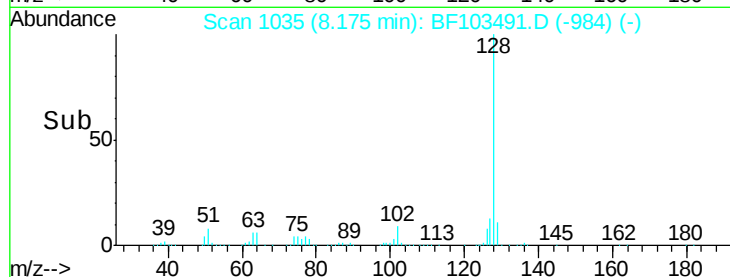
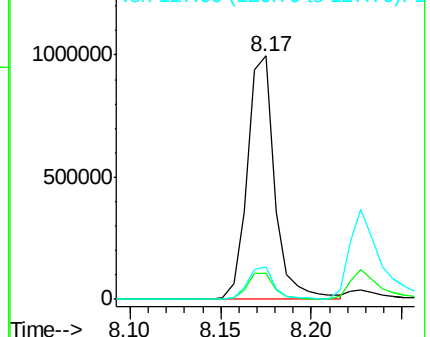
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.564 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

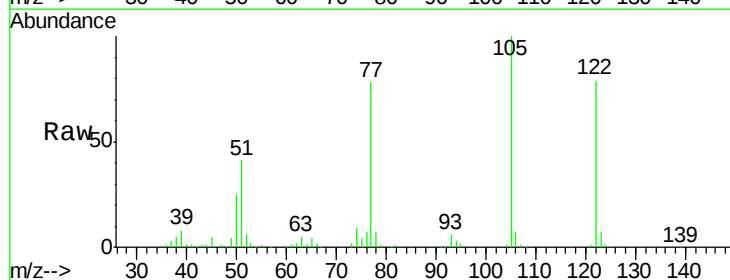
Tgt Ion:122 Resp: 215951

Ion Ratio Lower Upper

122 100

105 125.8 101.1 141.1

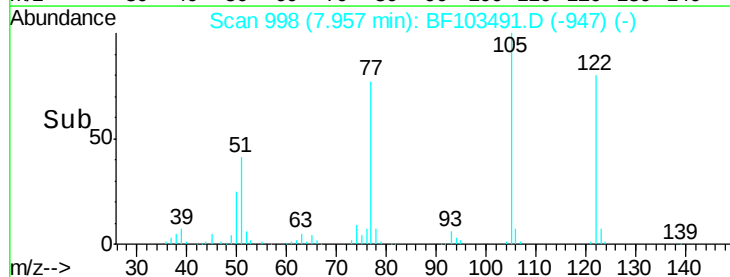
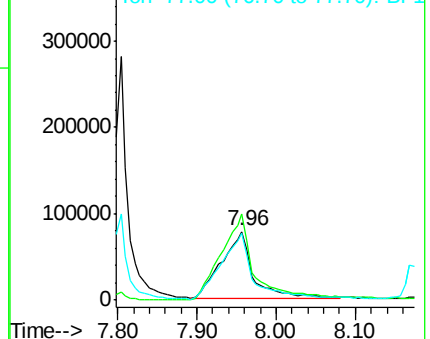
77 98.2 70.7 110.7

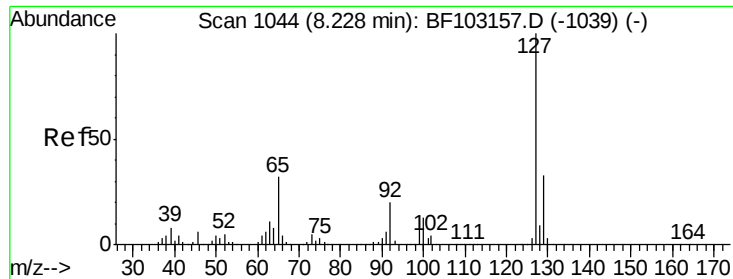


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

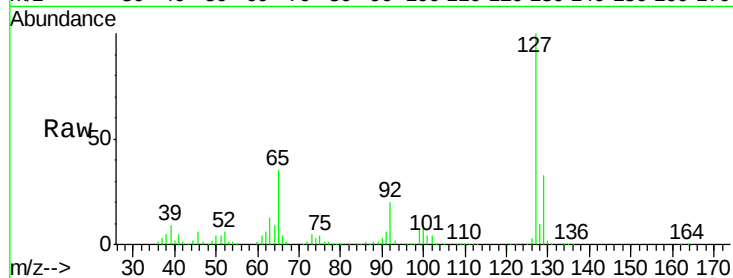




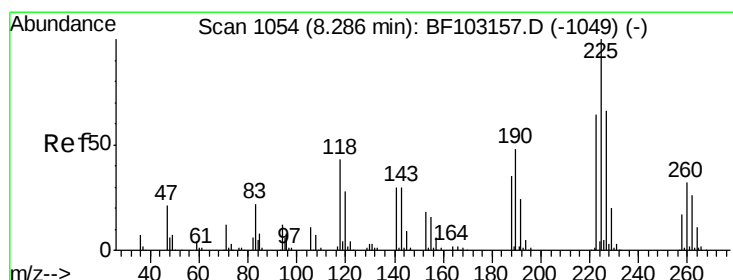
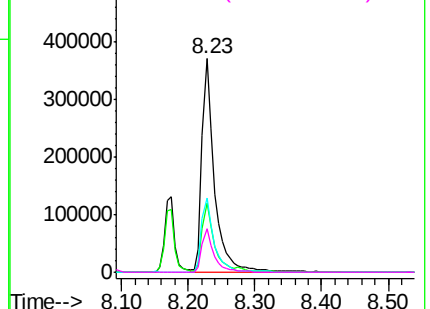
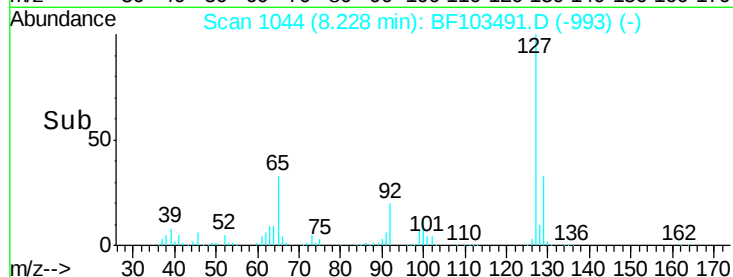
#33
4-Chloroaniline
Concen: 38.862 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	465895
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	34.8	25.0	37.4
92	20.2	15.2	22.8

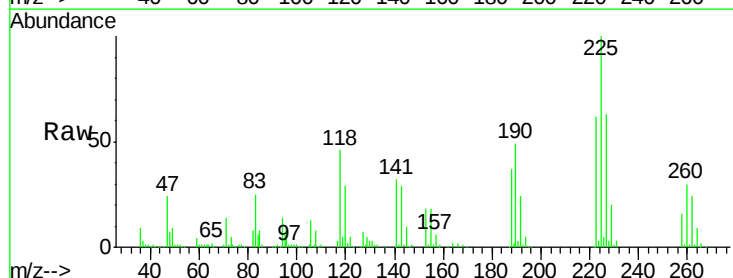


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

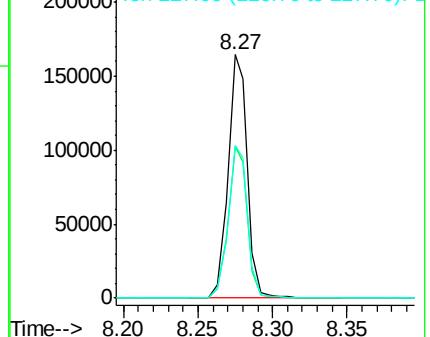
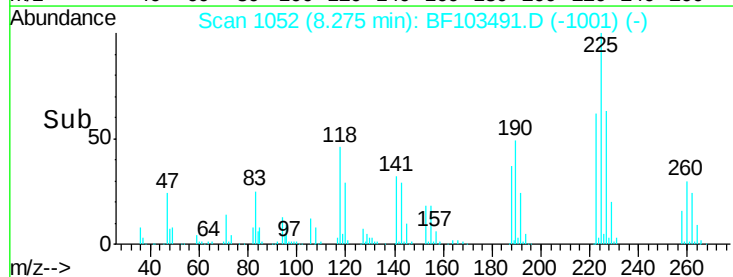


#34
Hexachlorobutadiene
Concen: 36.094 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:	225	Resp:	150854
Ion	Ratio	Lower	Upper
225	100		
223	62.1	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: 36.865 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampled :

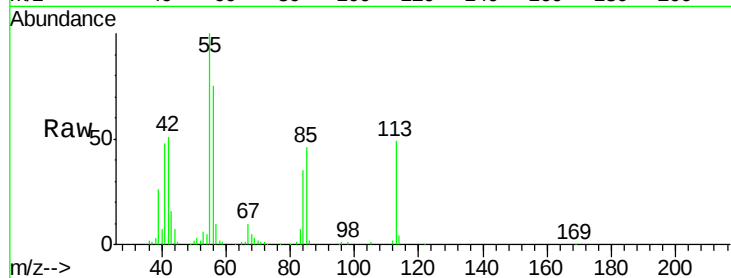
Tot Ion:113 Resp: 97650

Ion Ratio Lower Upper

113 100

55 202.1 163.3 203.3

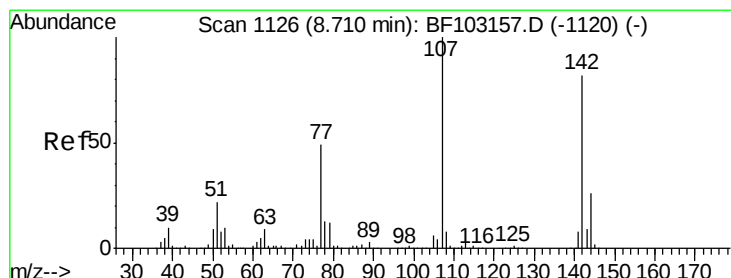
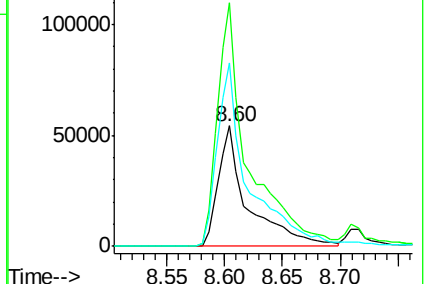
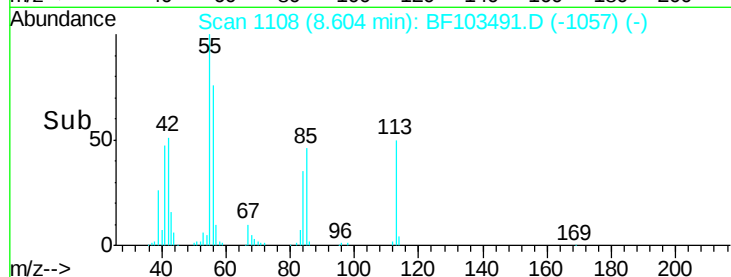
56 152.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.550 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

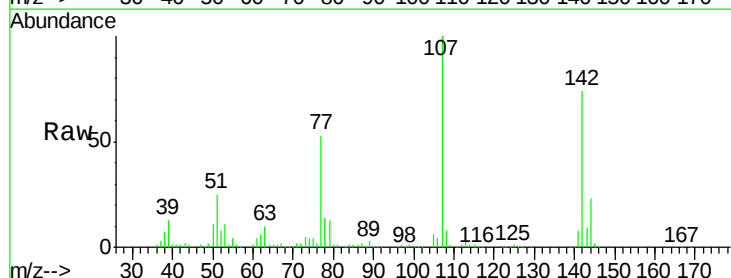
Tgt Ion:107 Resp: 336218

Ion Ratio Lower Upper

107 100

144 23.3 20.5 30.7

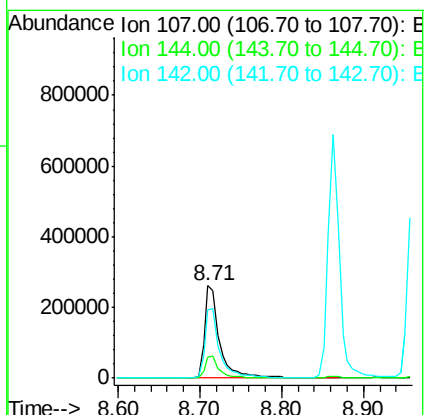
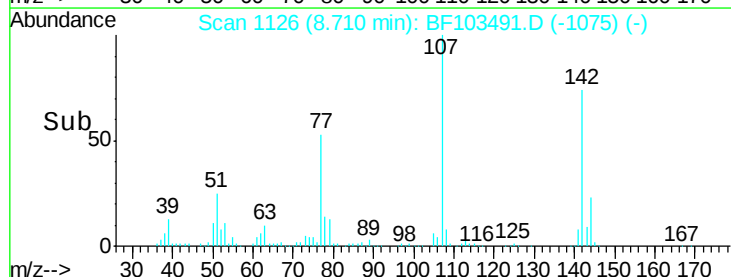
142 74.3 62.0 93.0

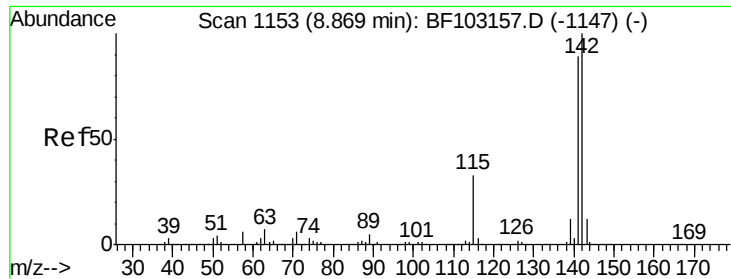


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

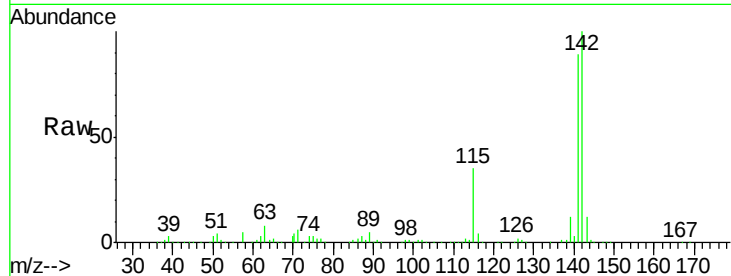




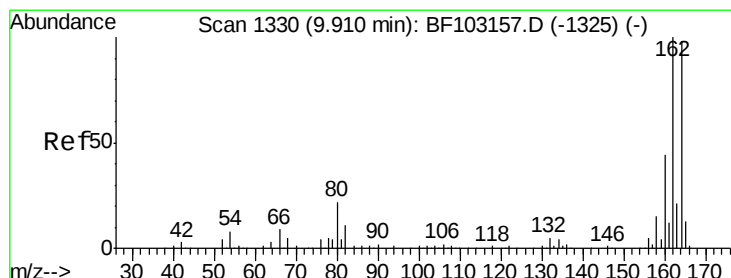
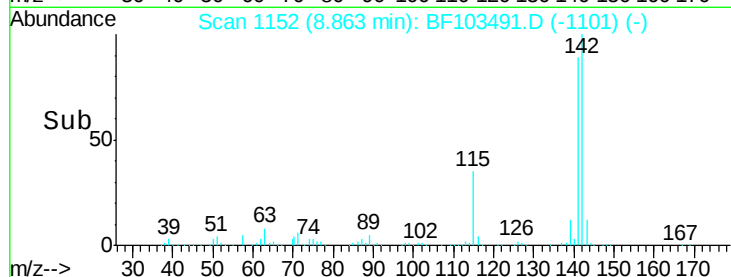
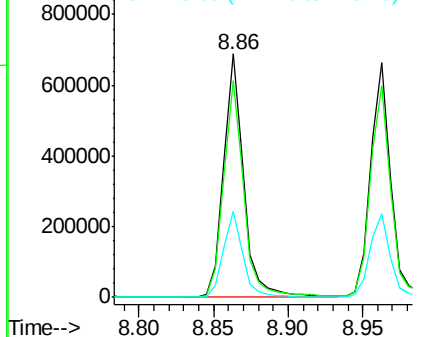
#37
2-Methylnaphthalene
Concen: 36.888 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 662319
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 35.3 26.1 39.1

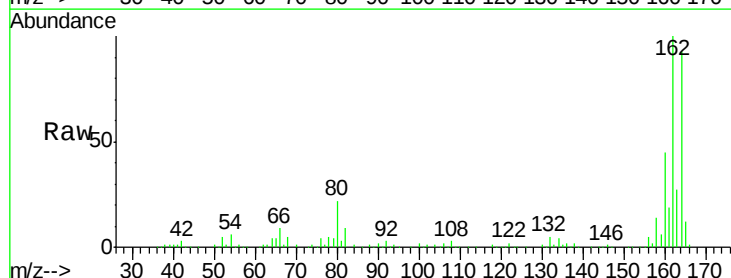


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

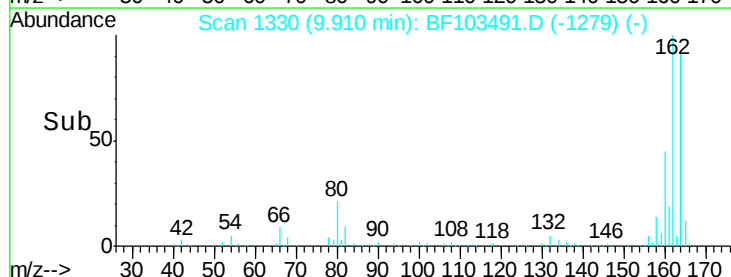
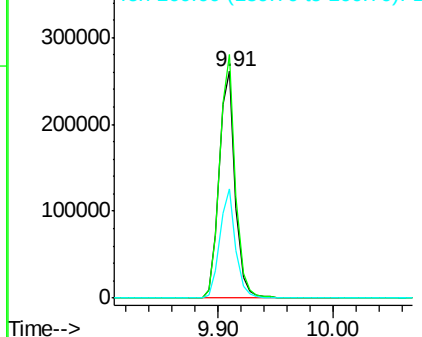


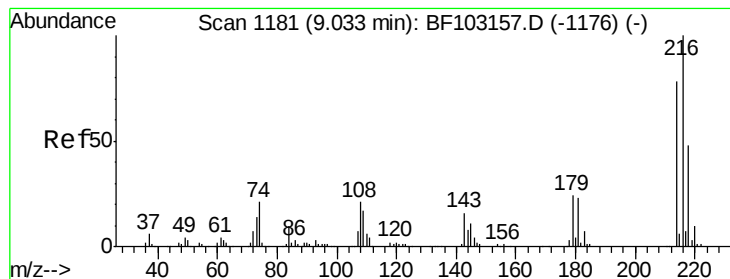
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:164 Resp: 251672
Ion Ratio Lower Upper
164 100
162 107.4 86.1 129.1
160 48.0 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.166 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 262591

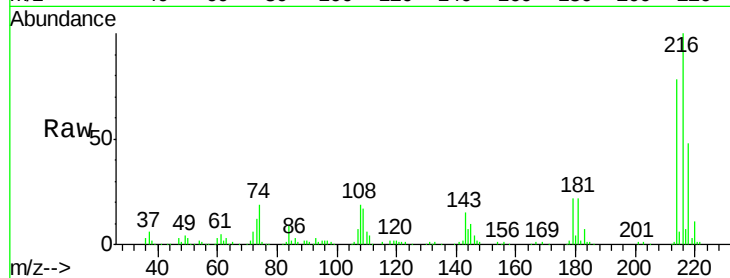
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 23.8 18.1 27.1

108 24.5 17.2 25.8

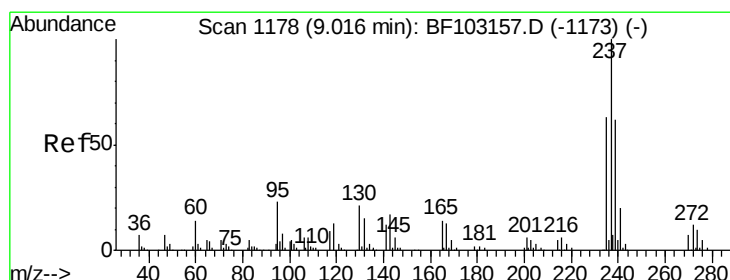
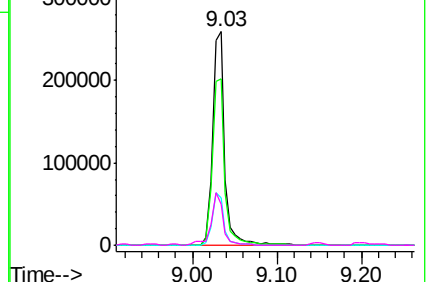
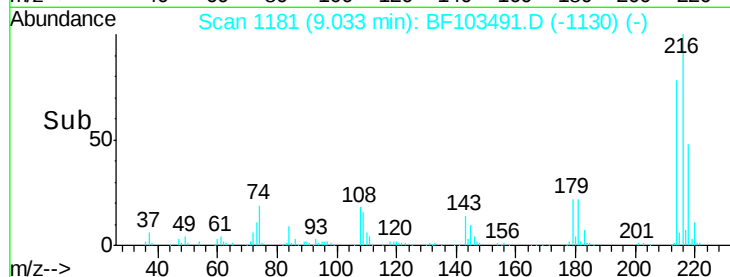


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.027 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

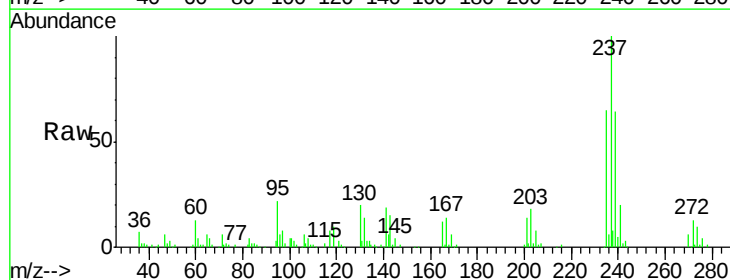
Tgt Ion:237 Resp: 82237

Ion Ratio Lower Upper

237 100

235 64.7 44.8 84.8

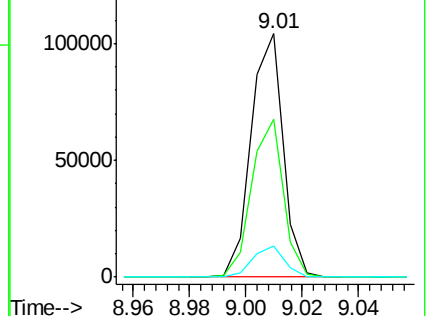
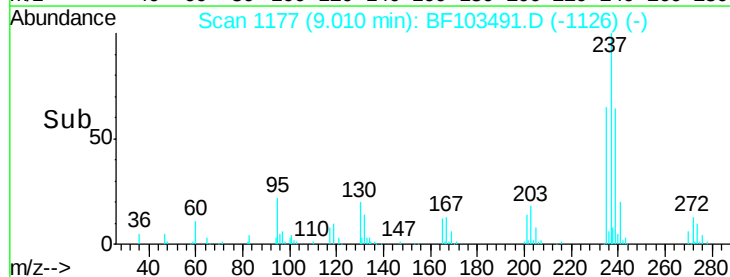
272 12.6 0.0 33.3

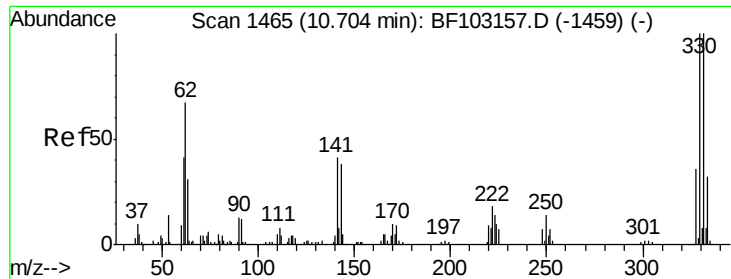


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

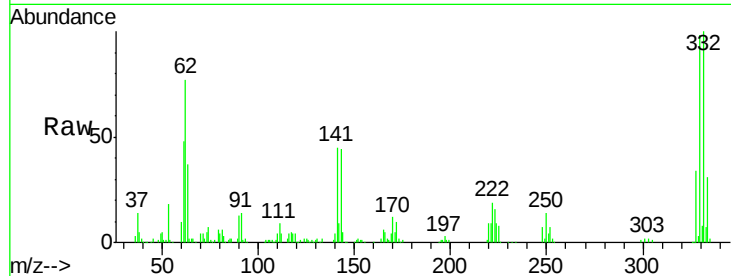




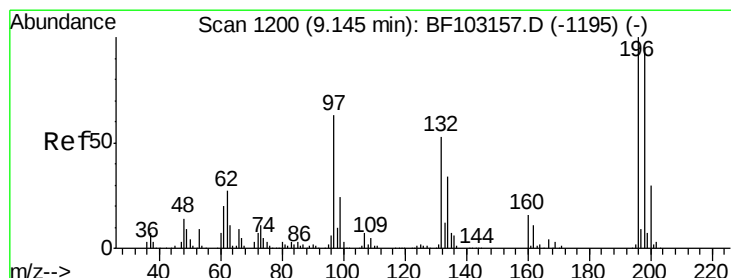
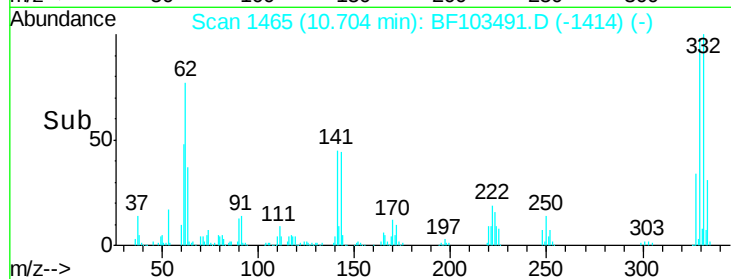
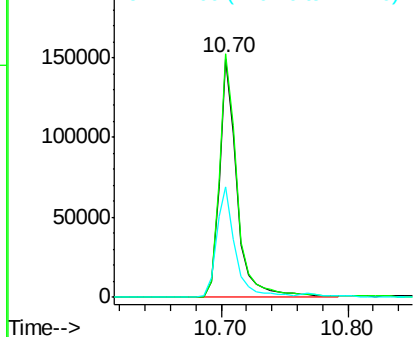
#41
 2,4,6-Tribromophenol
 Concen: 68.605 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146146
 Ion Ratio Lower Upper
 330 100
 332 104.5 77.0 115.6
 141 49.1 29.9 44.9#

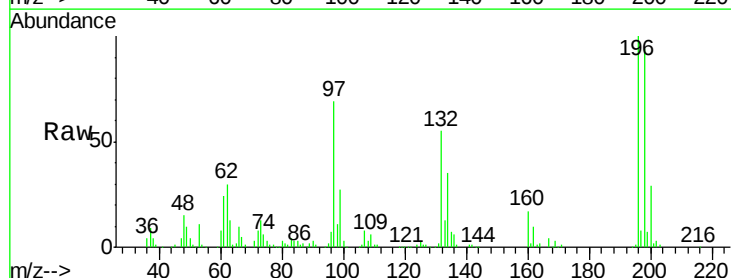


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

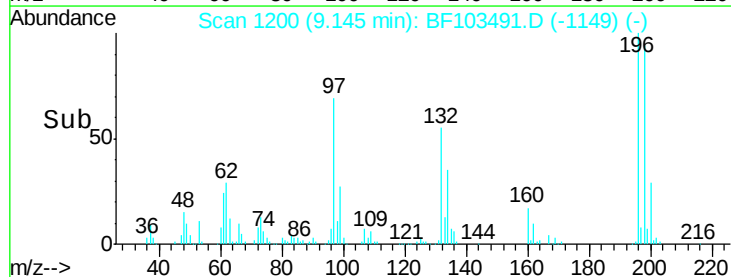
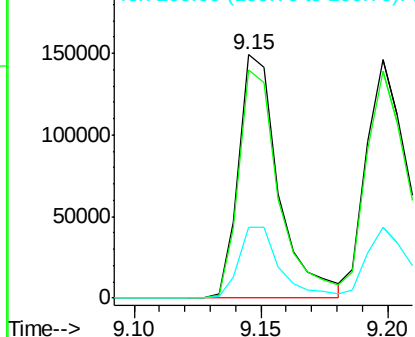


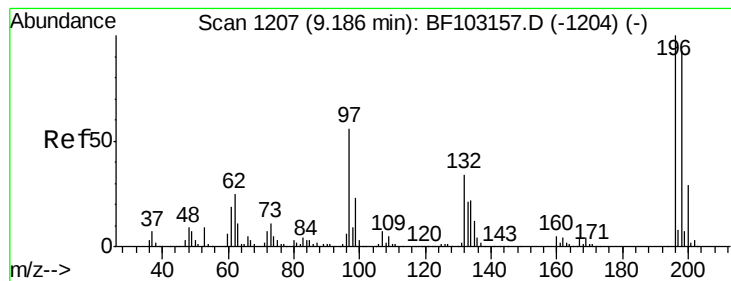
#42
 2,4,6-Trichlorophenol
 Concen: 35.771 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion:196 Resp: 165603
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 200 28.9 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 37.250 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 198343

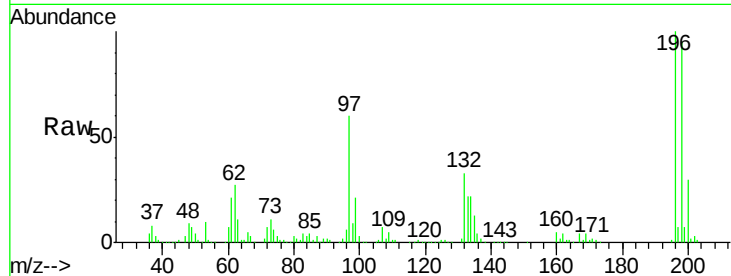
Ion Ratio Lower Upper

196 100

198 95.3 74.6 112.0

97 59.7 42.9 64.3

132 33.2 26.3 39.5

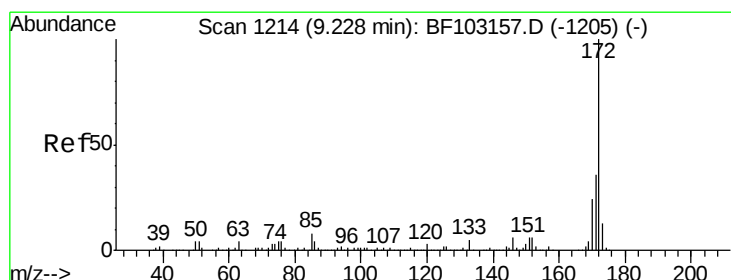
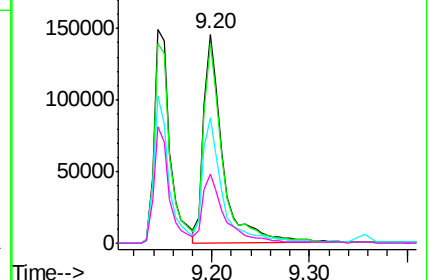
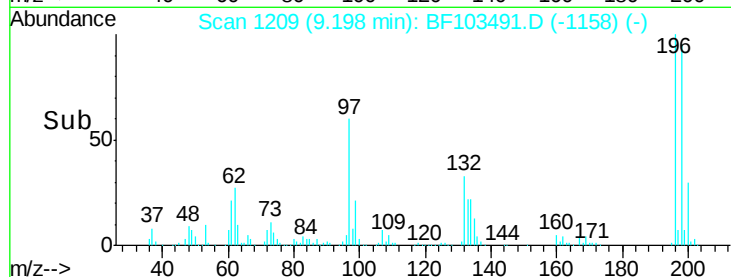


Abundance Ion 196.00 (195.70 to 196.70): E

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: 77.740 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

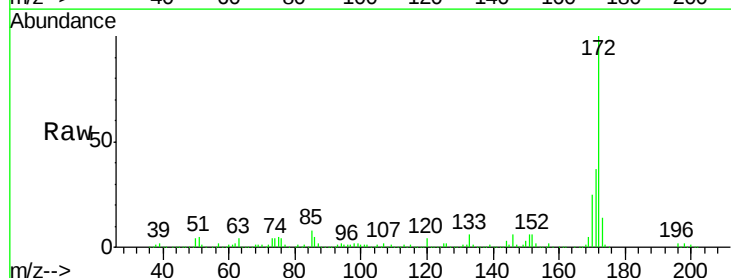
Tgt Ion:172 Resp: 1159268

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

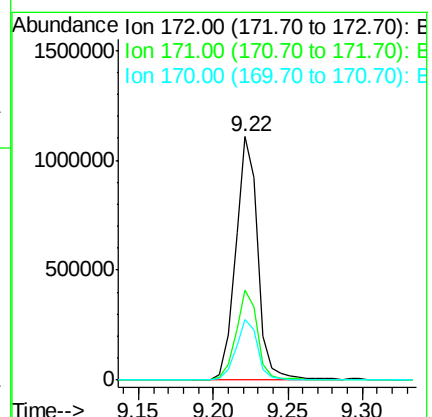
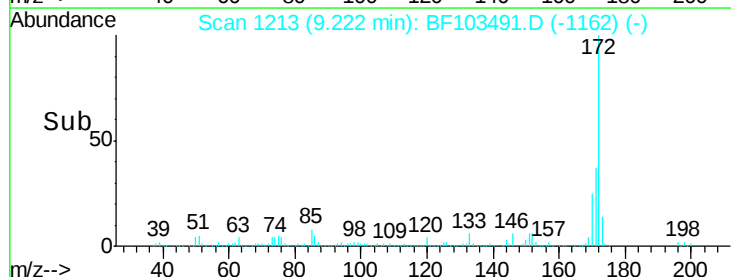
170 24.7 19.6 29.4

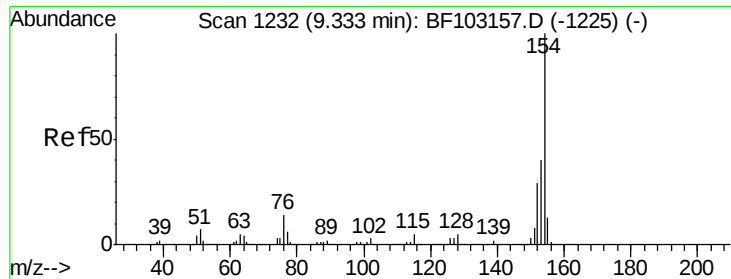


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

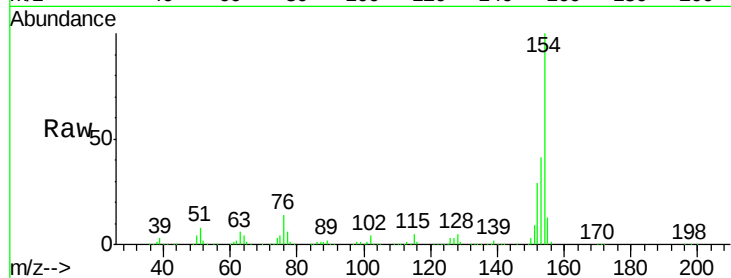




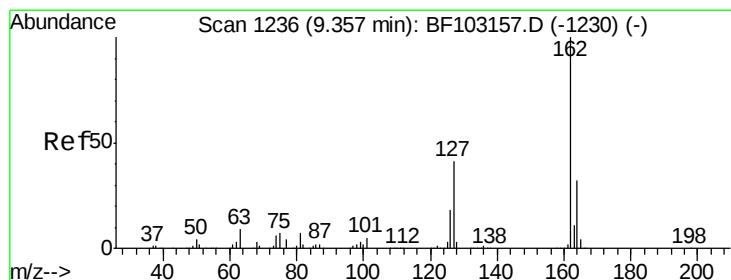
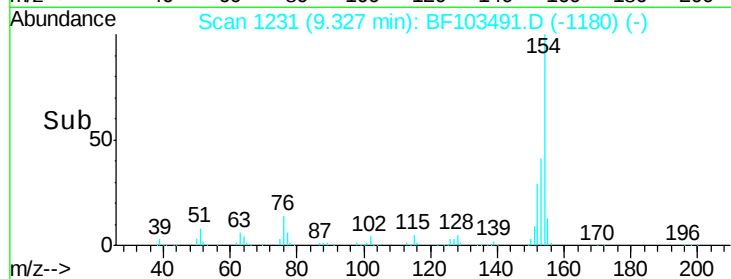
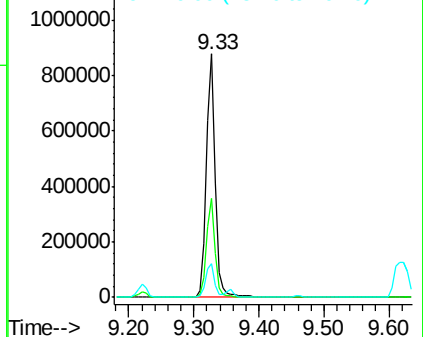
#45
 1,1'-Biphenyl
 Concen: 39.397 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 830836
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 14.0 0.0 34.0

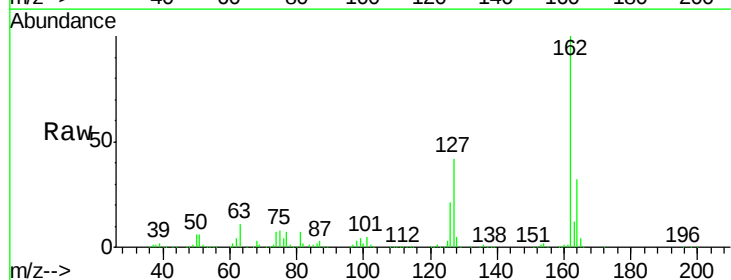


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

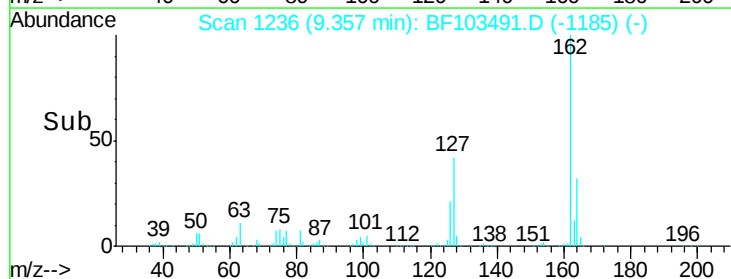
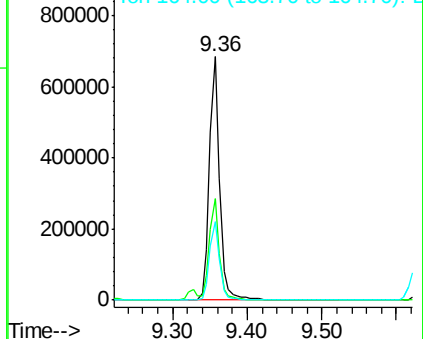


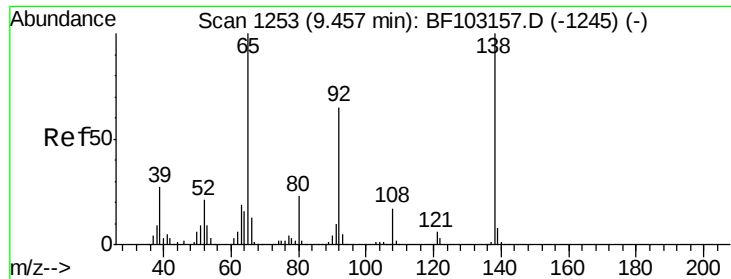
#46
 2-Chloronaphthalene
 Concen: 39.070 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion:162 Resp: 651844
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.9 50.9
 164 32.4 26.5 39.7



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

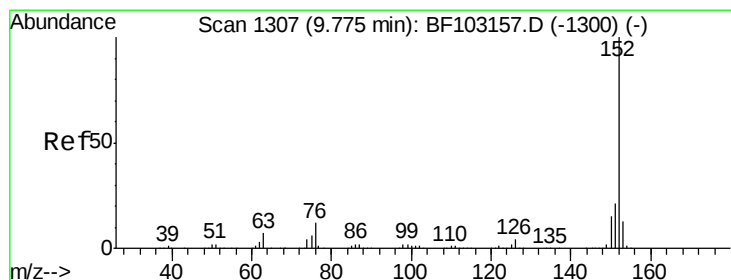
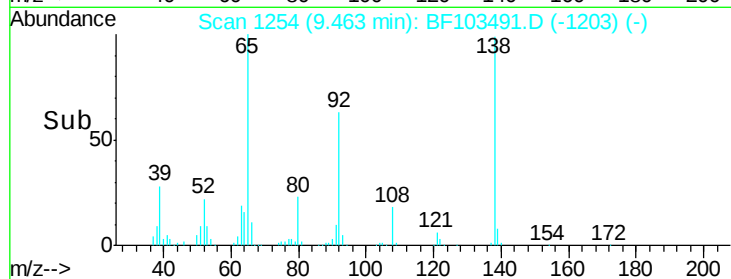
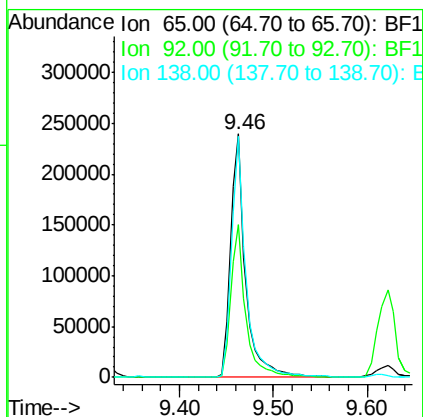
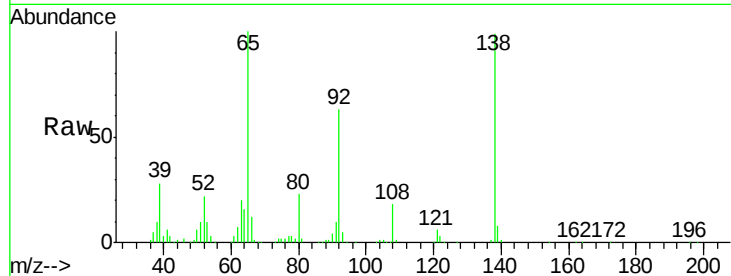




#47
2-Nitroaniline
Concen: 43.043 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

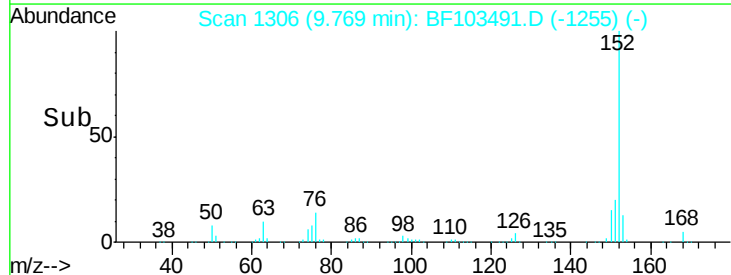
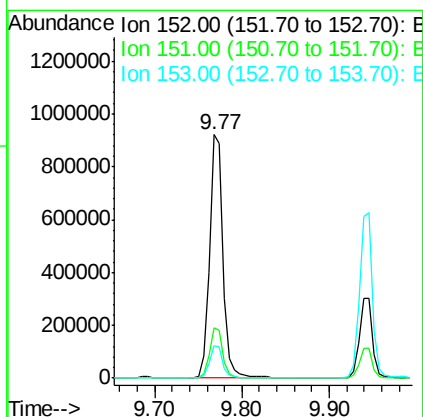
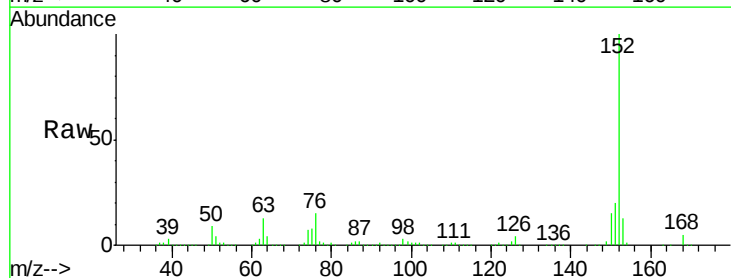
Instrument :
BNA_F
ClientSampleId :

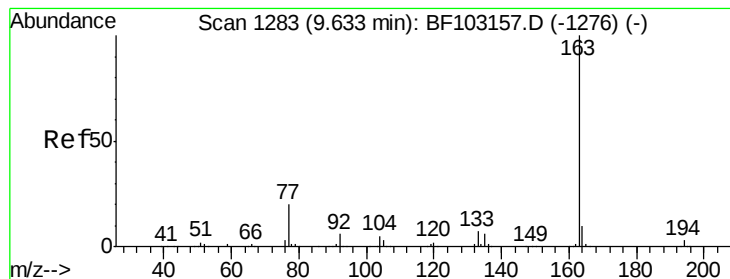
Tot Ion: 65 Resp: 266011
Ion Ratio Lower Upper
65 100
92 62.7 55.8 83.6
138 98.9 91.2 136.8



#48
Acenaphthylene
Concen: 38.266 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion: 152 Resp: 982303
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 36.355 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampled :

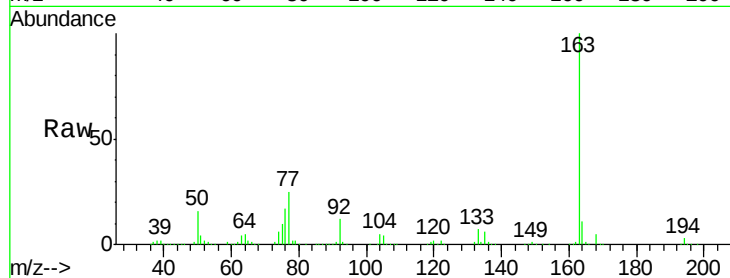
Tot Ion:163 Resp: 733989

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

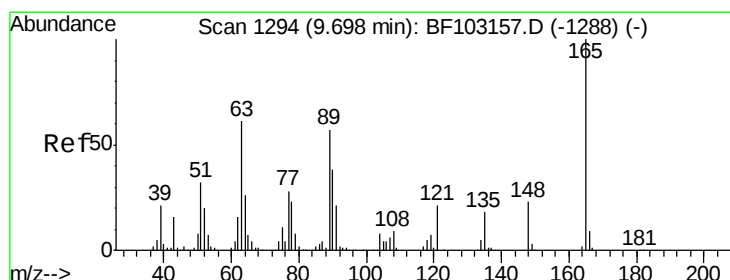
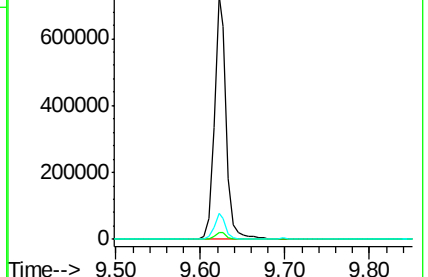
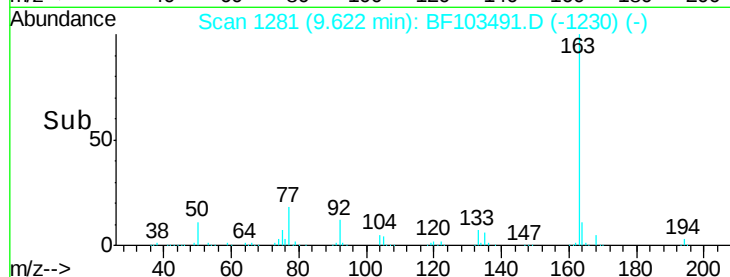
164 10.6 8.2 12.2



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: 37.734 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

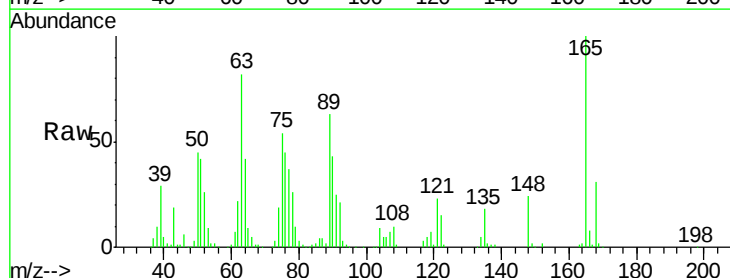
Tgt Ion:165 Resp: 159871

Ion Ratio Lower Upper

165 100

63 81.7 44.7 67.1#

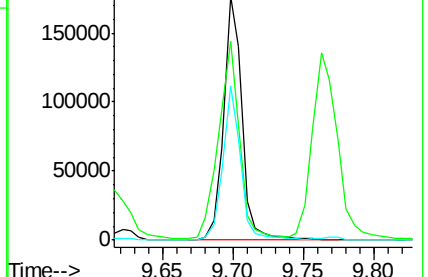
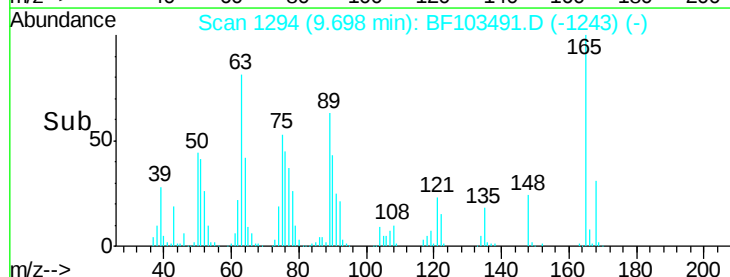
89 63.3 44.0 66.0

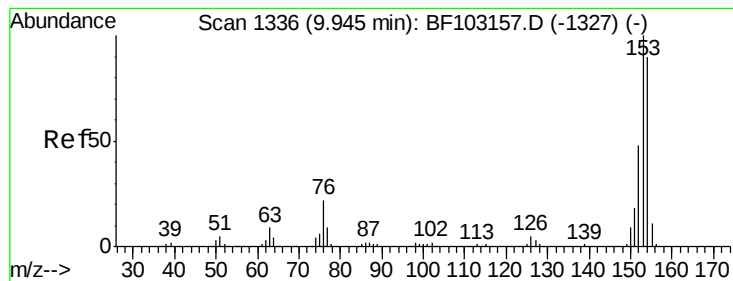


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.857 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

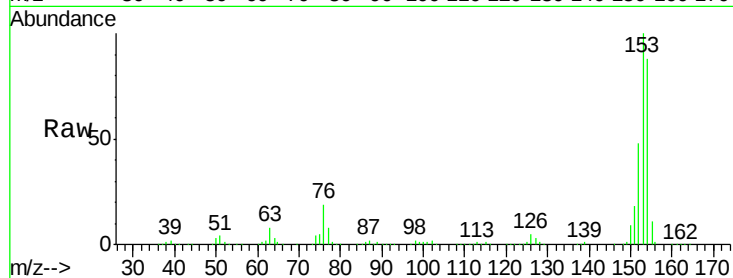
Tot Ion:154 Resp: 566673

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

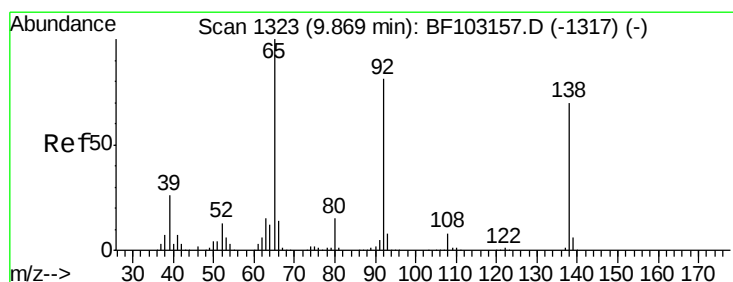
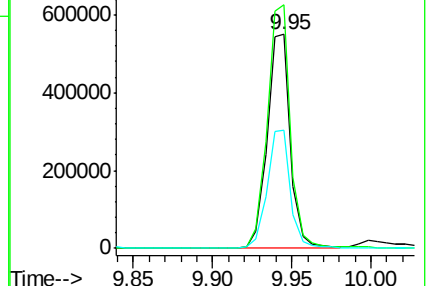
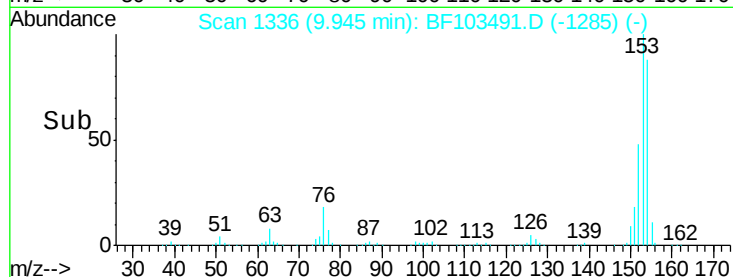
152 55.1 43.8 65.8



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: 39.839 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

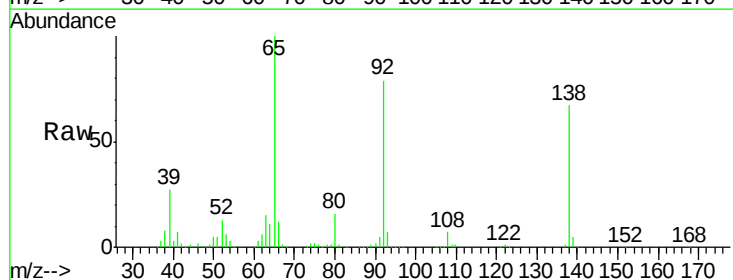
Tgt Ion:138 Resp: 214151

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

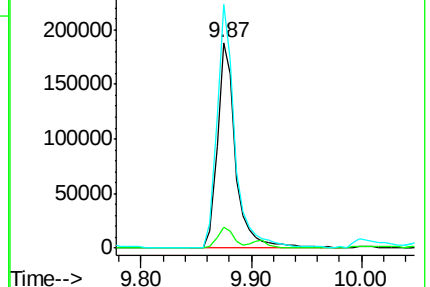
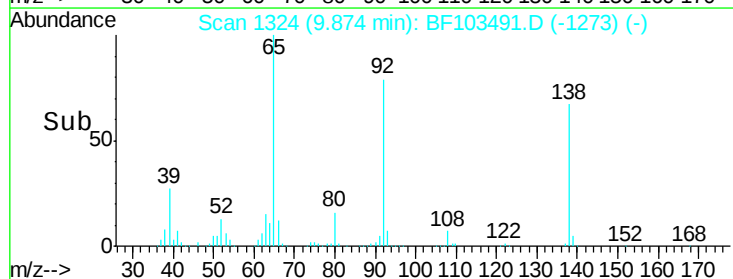
92 118.4 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

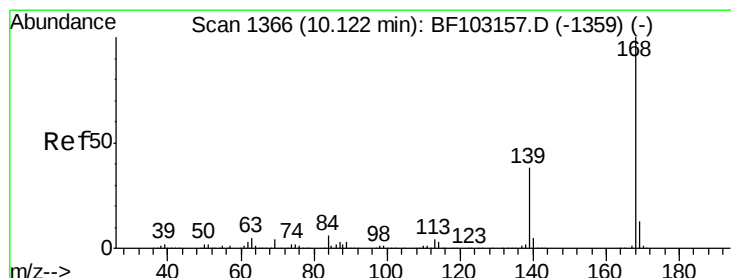
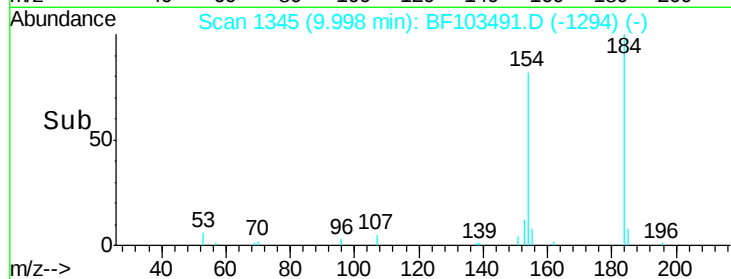
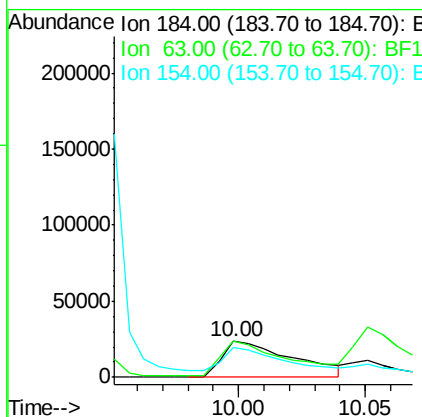
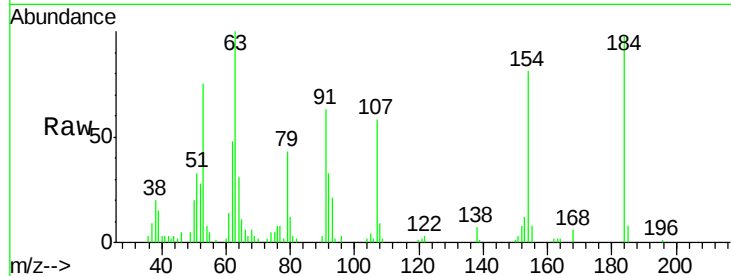




#53
 2,4-Dinitrophenol
 Concen: 35.840 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

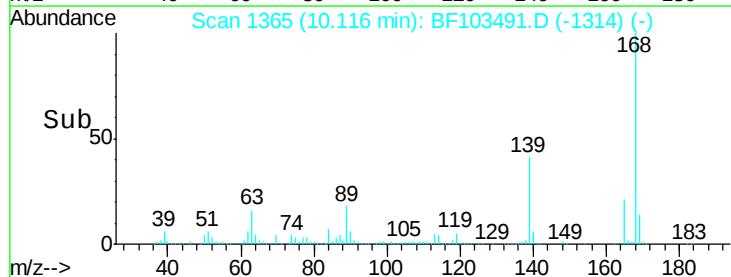
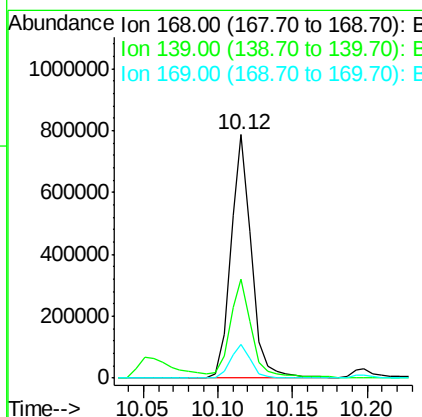
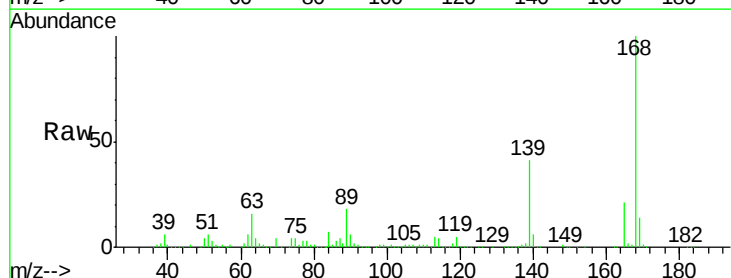
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 45610
 Ion Ratio Lower Upper
 184 100
 63 102.2 54.2 81.2#
 154 82.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.266 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion:168 Resp: 765741
 Ion Ratio Lower Upper
 168 100
 139 40.8 30.1 45.1
 169 13.9 10.9 16.3

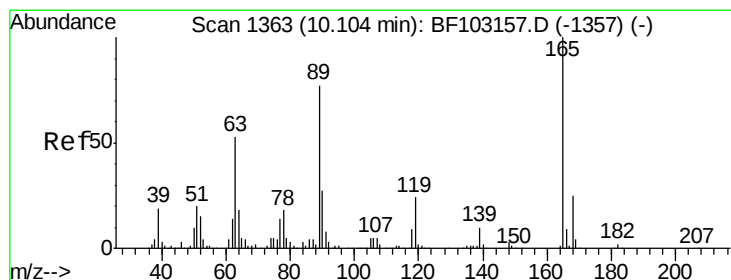
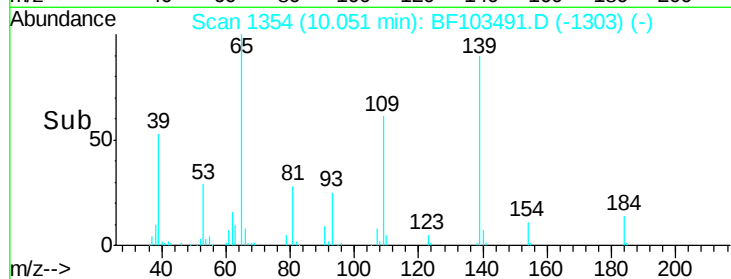
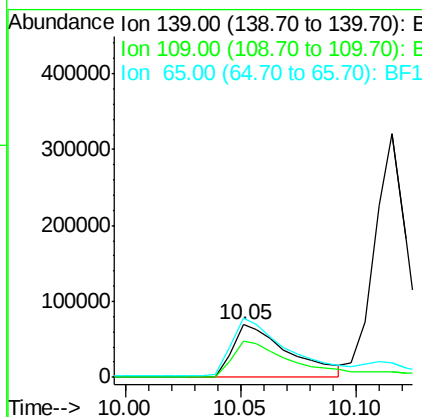
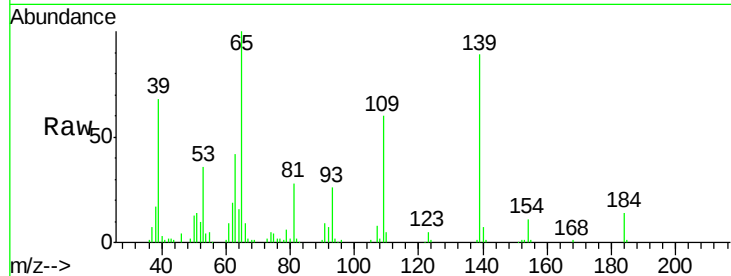




#55
4-Nitrophenol
Concen: 35.173 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

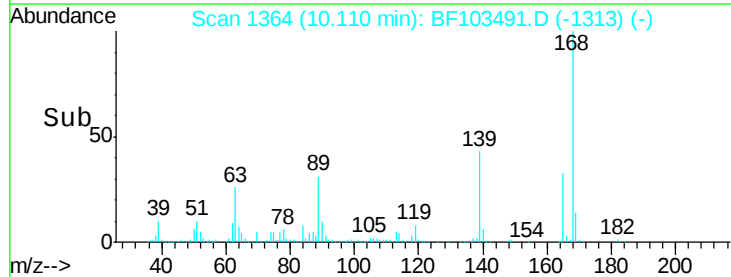
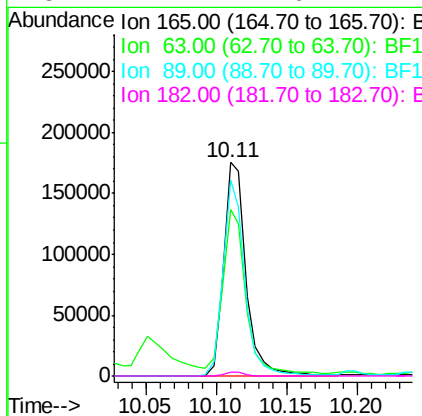
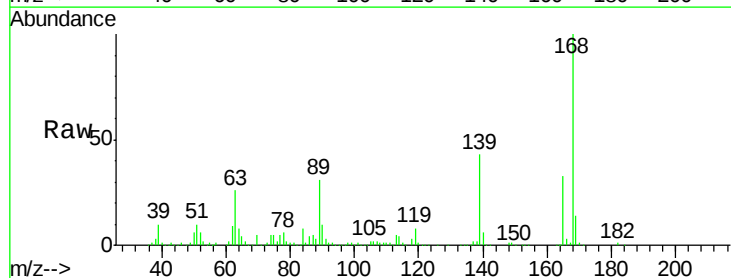
Instrument :
BNA_F
ClientSampleId :

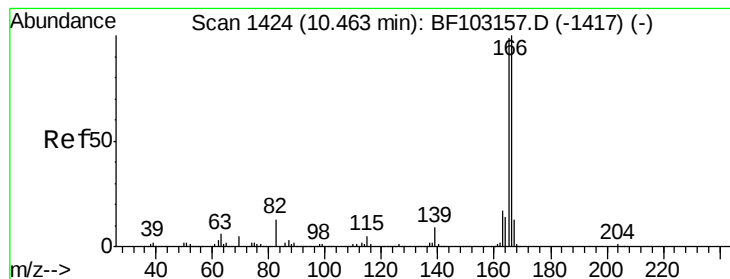
Tot Ion:139 Resp: 117179
Ion Ratio Lower Upper
139 100
109 67.9 48.4 88.4
65 112.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 36.066 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:165 Resp: 193256
Ion Ratio Lower Upper
165 100
63 77.9 36.4 54.6#
89 91.9 57.8 86.6#
182 2.1 1.6 2.4





#57

Fluorene

Concen: 36.362 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

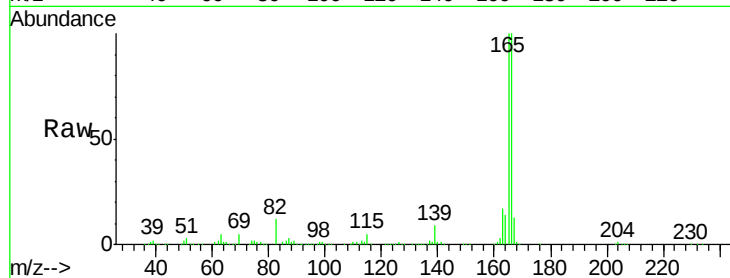
Tot Ion:166 Resp: 636484

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

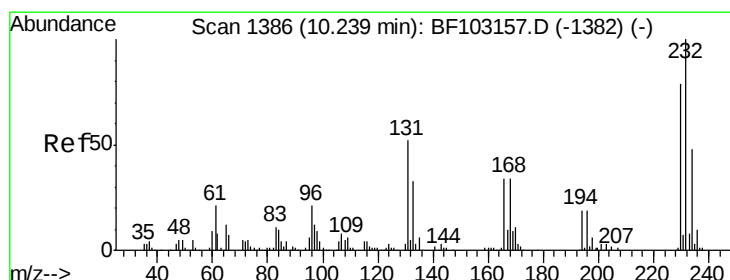
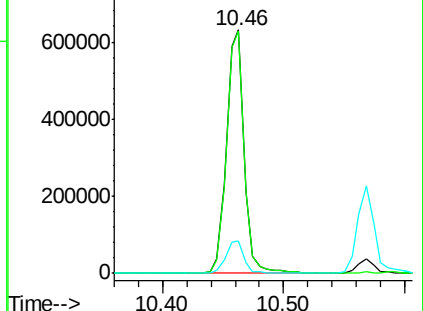
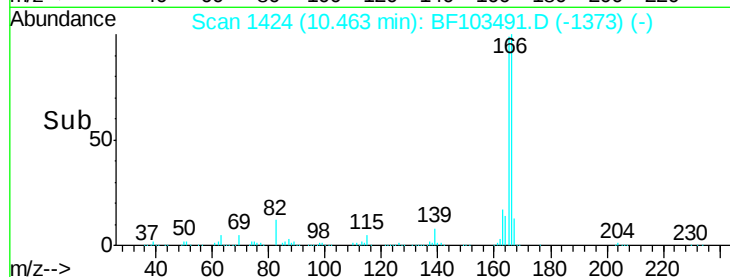
167 13.3 10.6 16.0



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: 36.862 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Tgt Ion:232 Resp: 131853

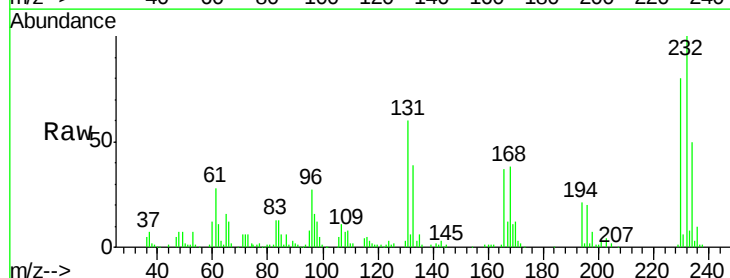
Ion Ratio Lower Upper

232 100

131 55.1 43.8 65.8

130 2.9 2.1 3.1

166 33.4 27.8 41.6

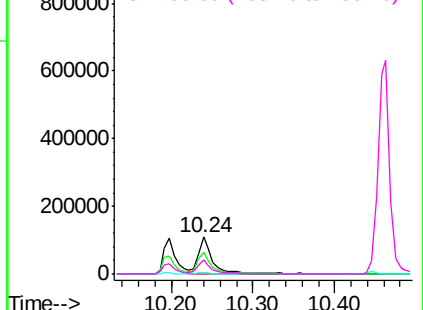
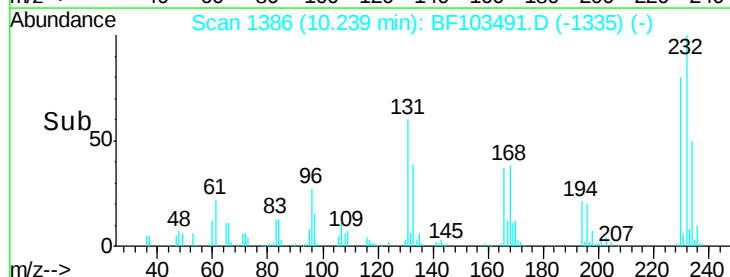


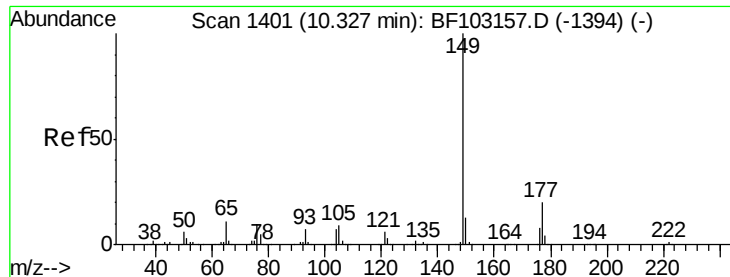
Abundance Ion 232.00 (231.70 to 232.70): E

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

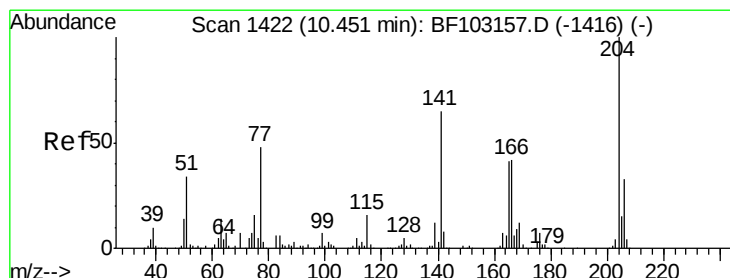
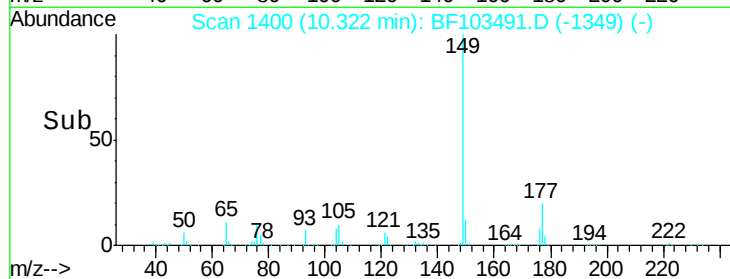
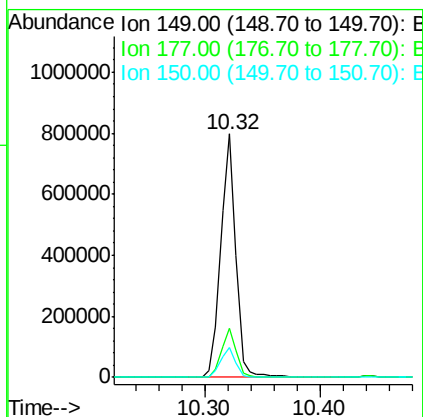
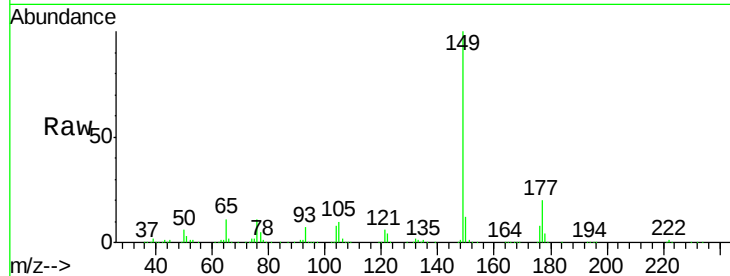




#59
Diethylphthalate
Concen: 37.402 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

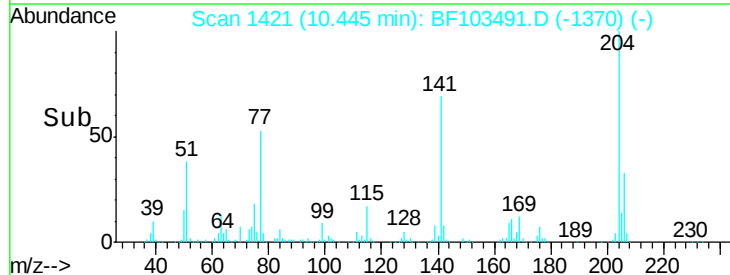
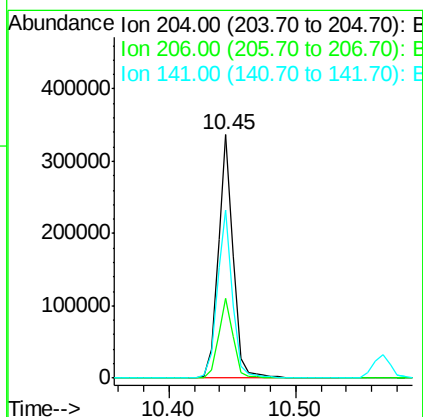
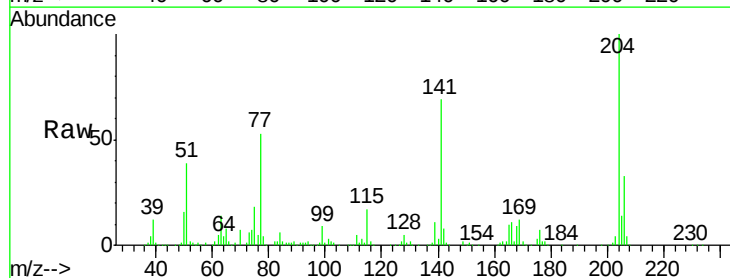
Instrument :
BNA_F
ClientSampled :

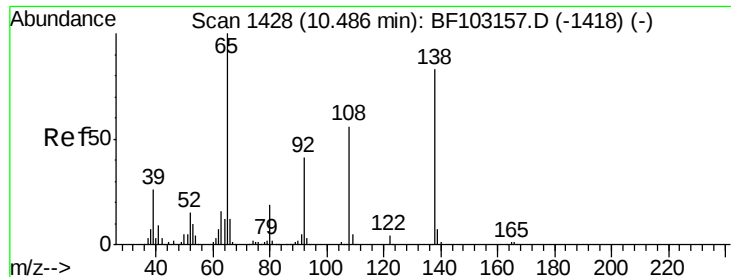
Tot Ion:149 Resp: 722210
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.797 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:204 Resp: 280561
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 69.3 54.6 81.8

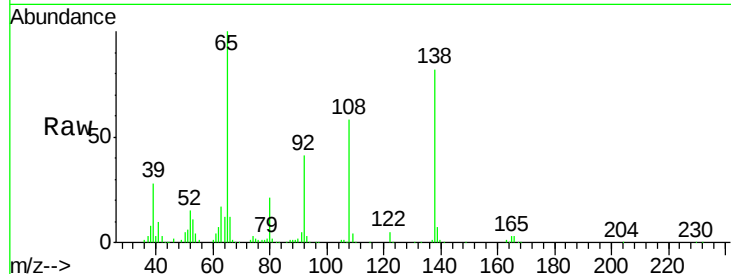




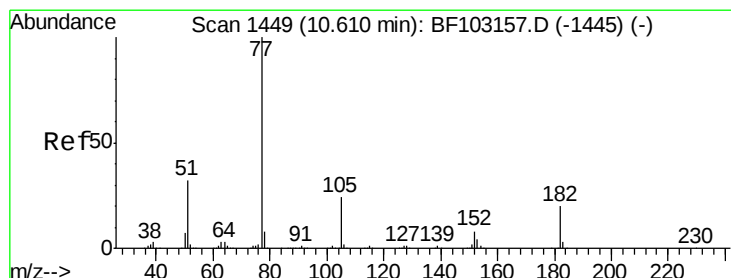
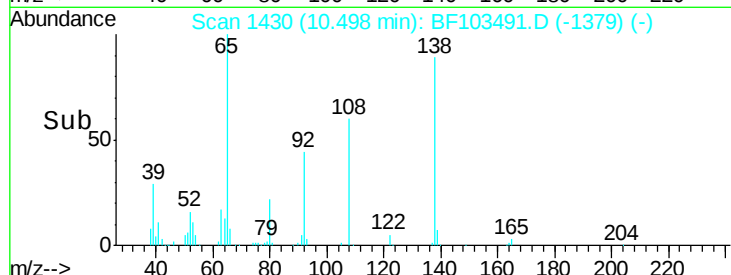
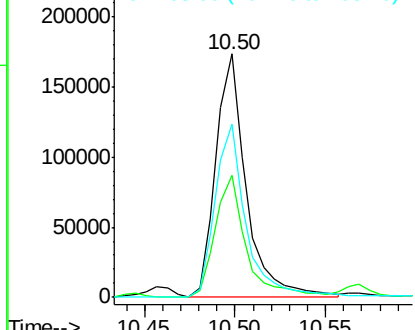
#61
4-Nitroaniline
Concen: 37.478 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 201222
Ion Ratio Lower Upper
138 100
92 49.9 30.2 70.2
108 71.0 52.5 92.5

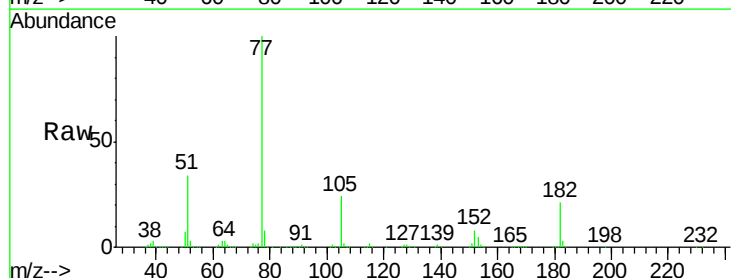


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

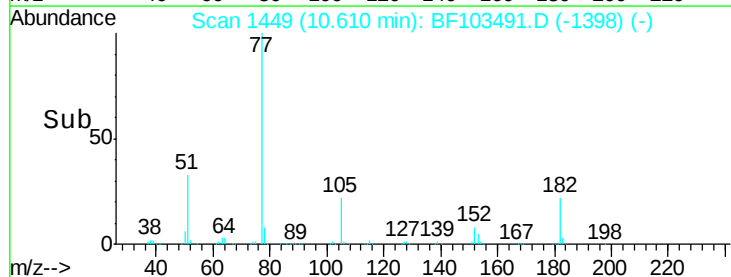
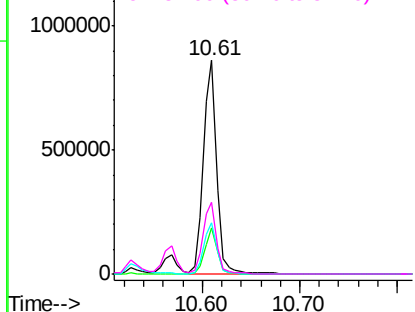


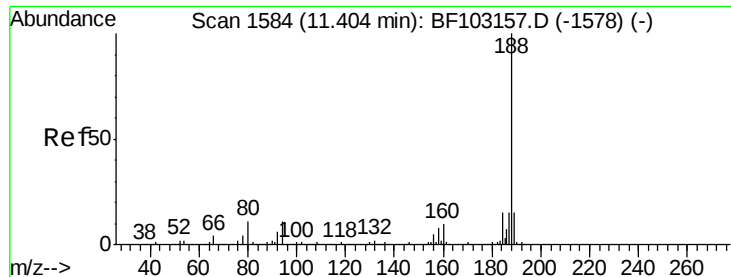
#62
Azobenzene
Concen: 40.999 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion: 77 Resp: 805837
Ion Ratio Lower Upper
77 100
182 21.4 1.7 41.7
105 24.1 3.0 43.0
51 33.8 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

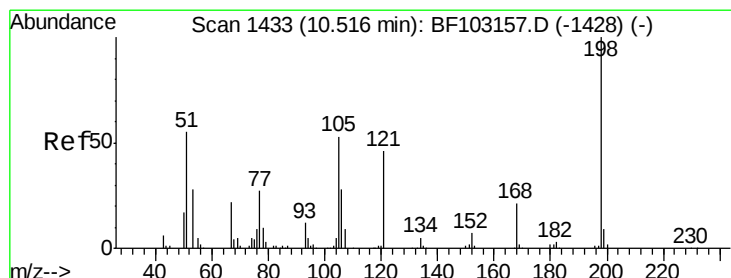
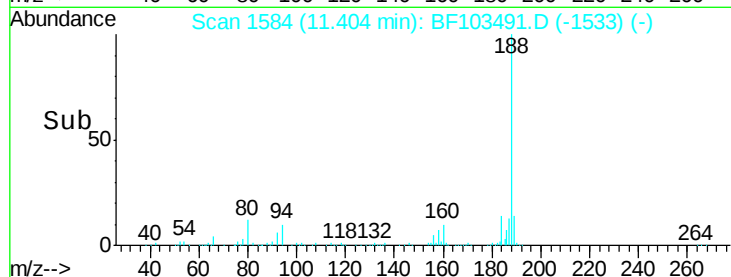
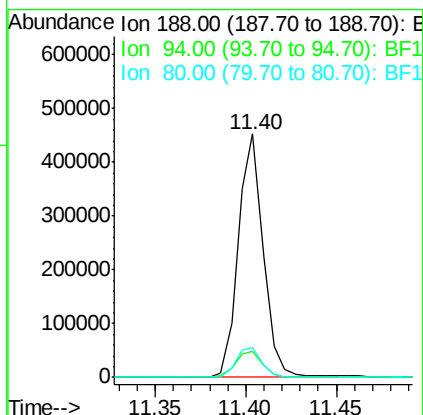
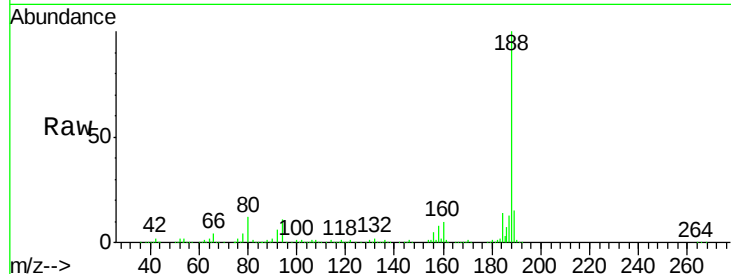




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

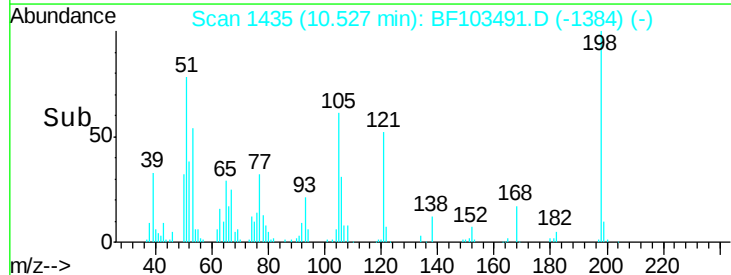
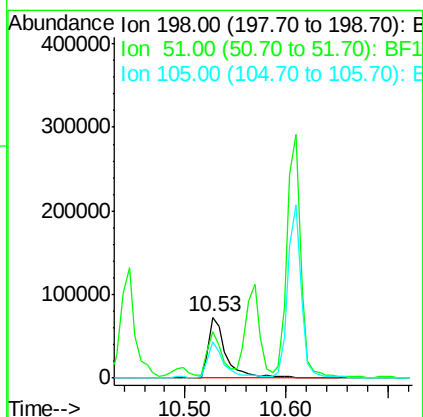
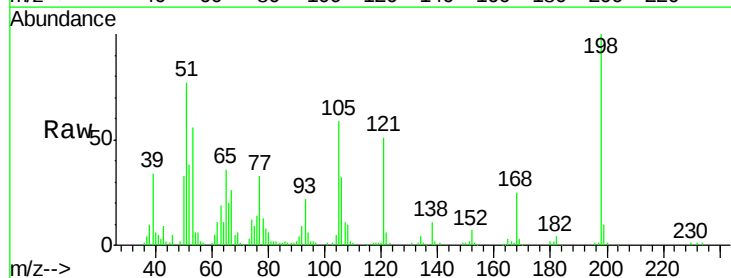
Instrument :
BNA_F
ClientSampleId :

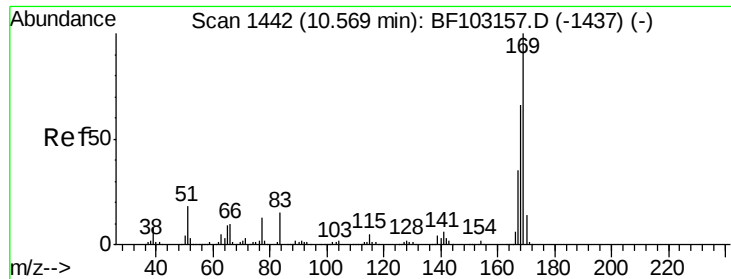
Tot Ion:188 Resp: 433641
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.454 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:198 Resp: 89743
Ion Ratio Lower Upper
198 100
51 77.0 37.7 77.7
105 59.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.792 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

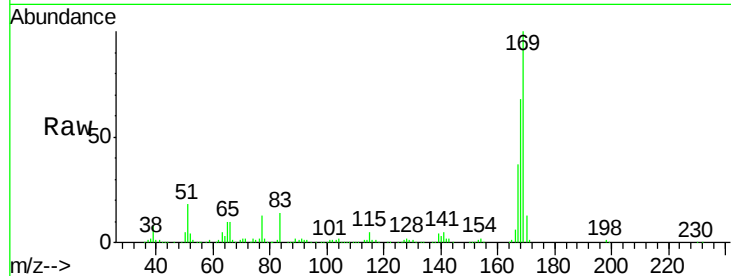
Tot Ion:169 Resp: 570615

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

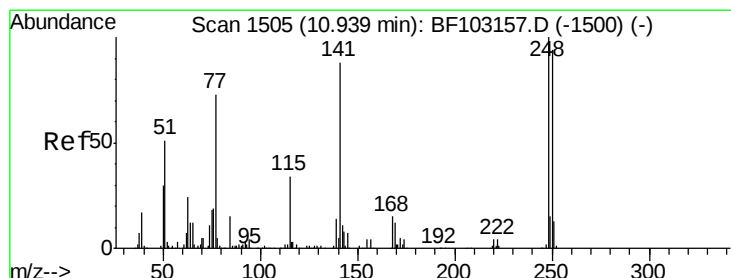
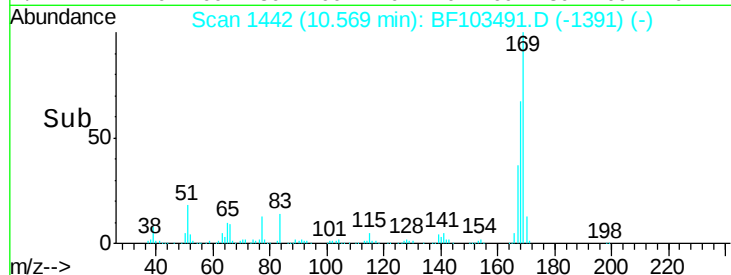
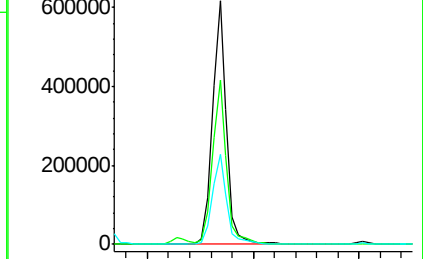
167 36.9 29.8 44.6



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: 36.881 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

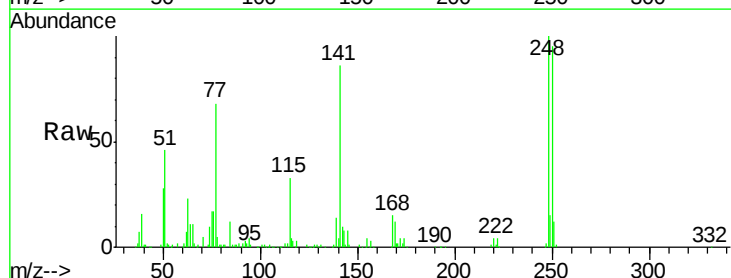
Tgt Ion:248 Resp: 166602

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

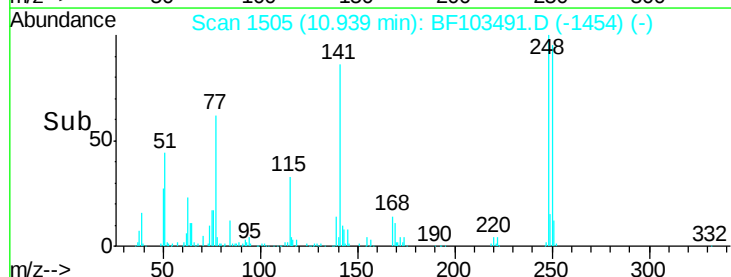
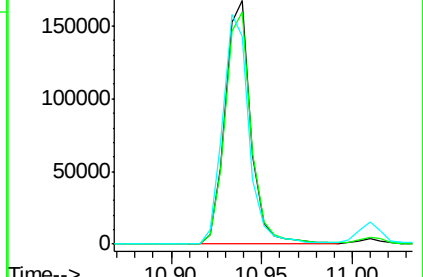
141 85.6 74.4 111.6

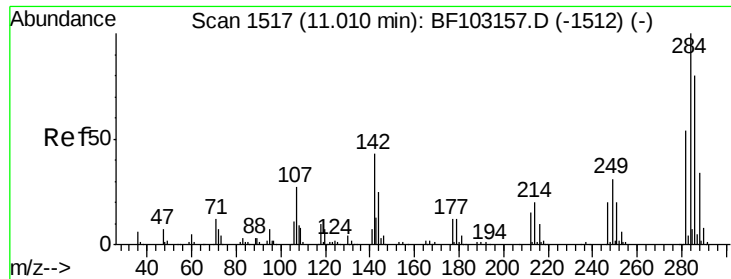


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

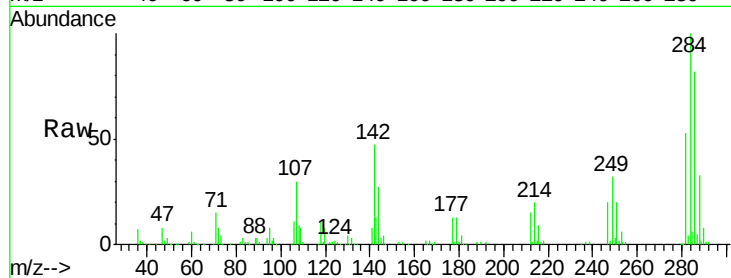




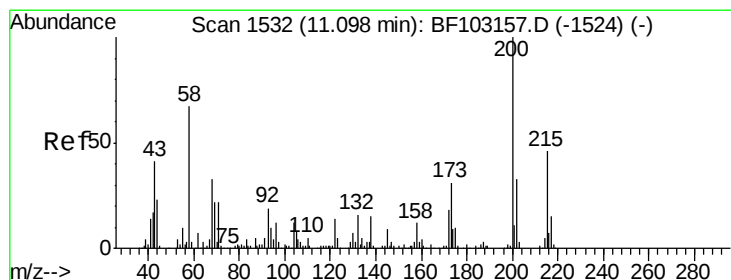
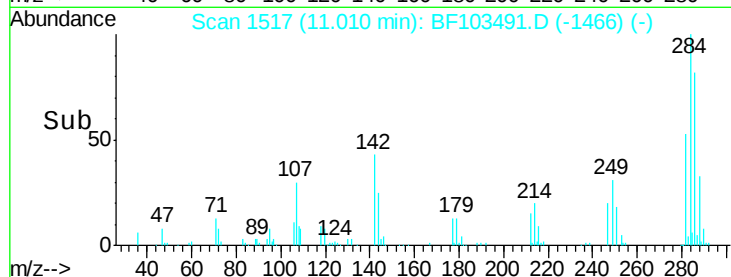
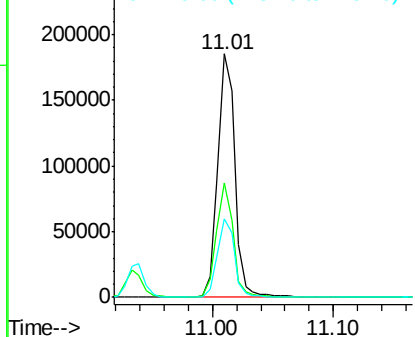
#67
Hexachlorobenzene
Concen: 36.704 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 179961
Ion Ratio Lower Upper
284 100
142 46.8 34.6 52.0
249 32.2 24.8 37.2

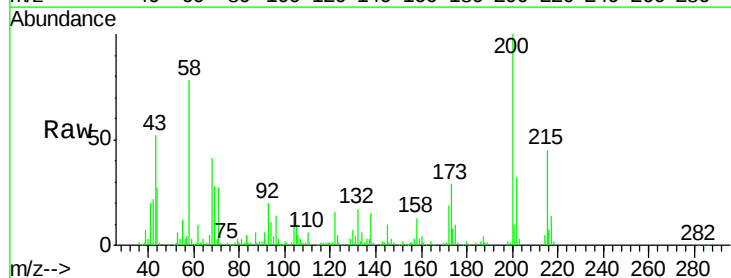


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

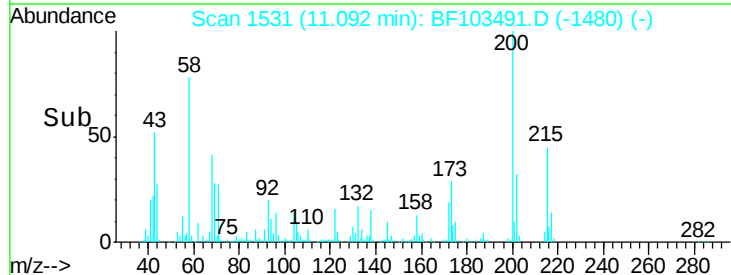
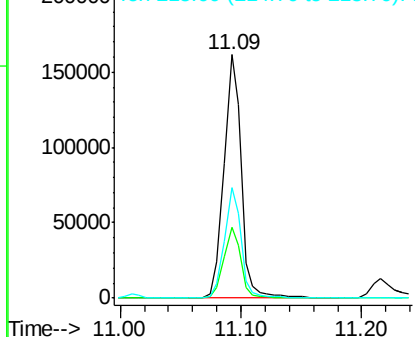


#68
Atrazine
Concen: 35.271 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:200 Resp: 160066
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 45.5 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

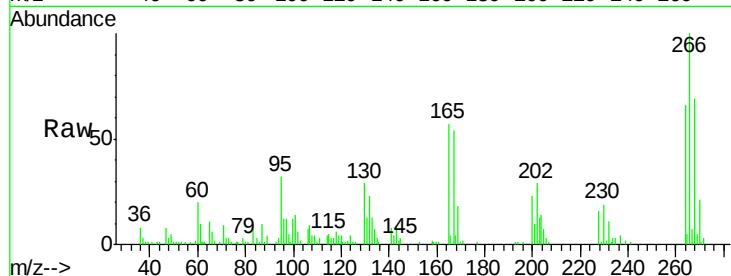




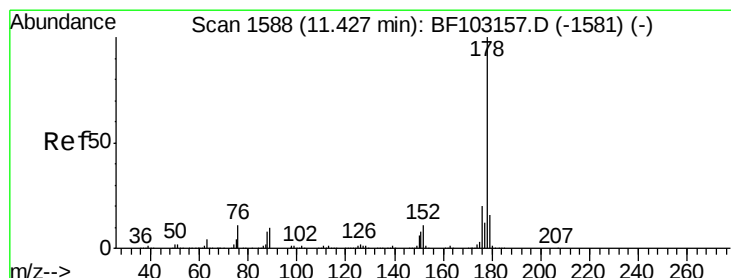
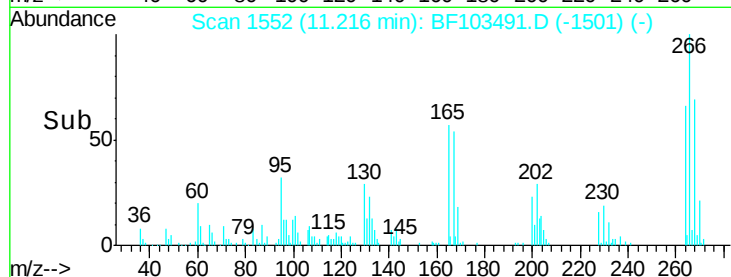
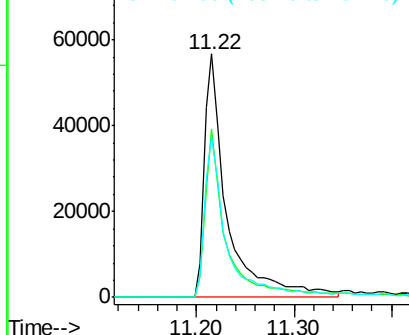
#69
 Pentachlorophenol
 Concen: 38.635 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 91591
 Ion Ratio Lower Upper
 266 100
 268 69.1 51.1 76.7
 264 66.0 49.5 74.3

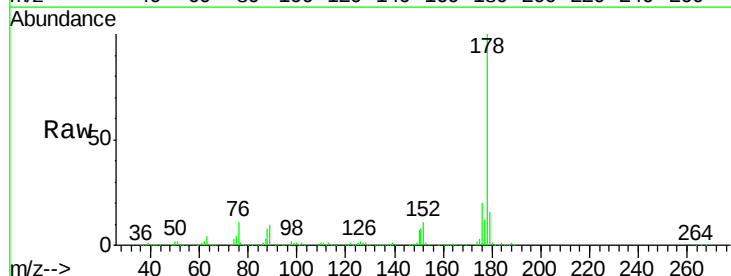


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

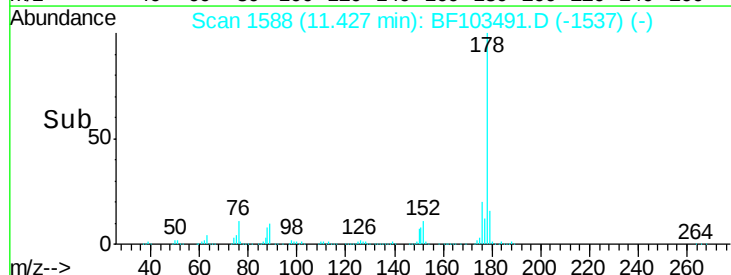
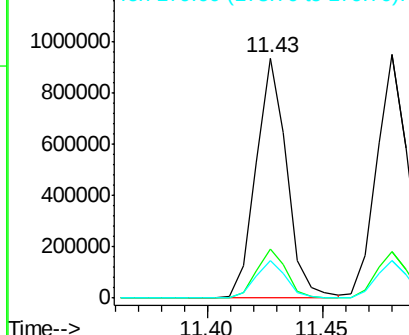


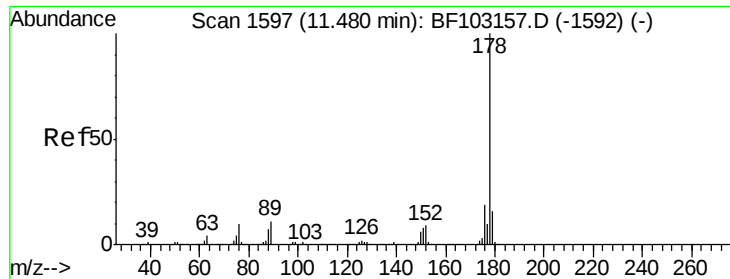
#70
 Phenanthrene
 Concen: 36.510 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion:178 Resp: 871289
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.7 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

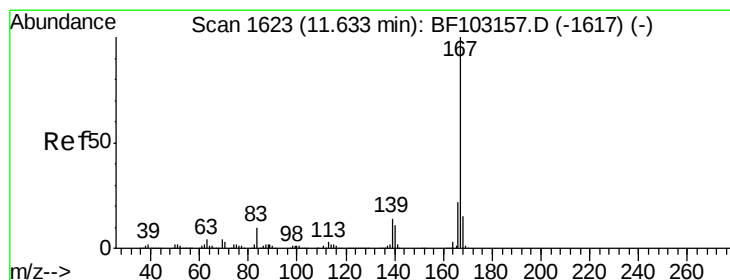
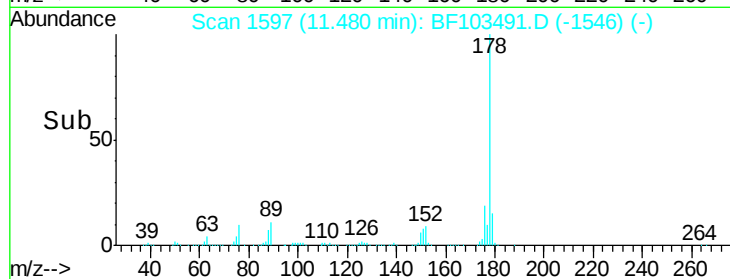
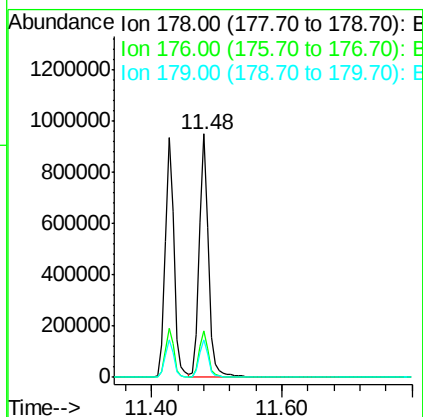
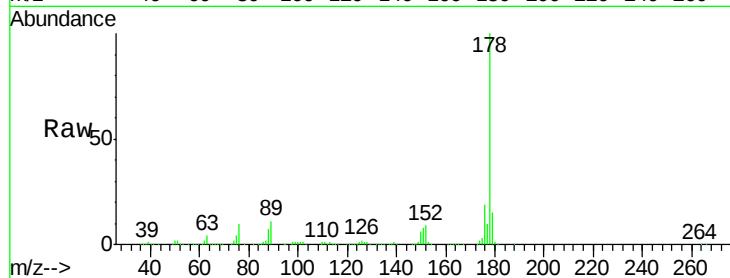




#71
 Anthracene
 Concen: 38.098 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

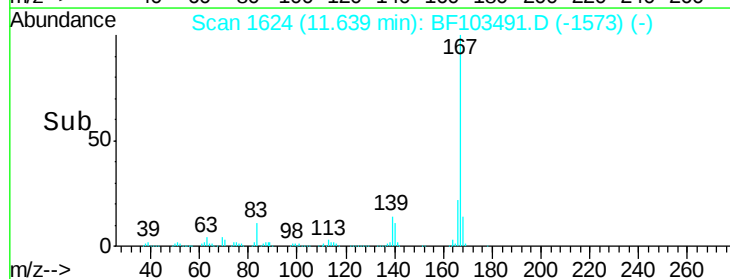
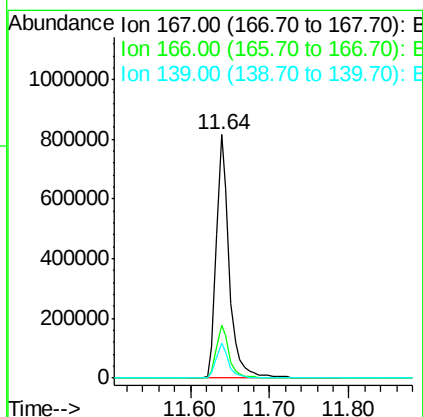
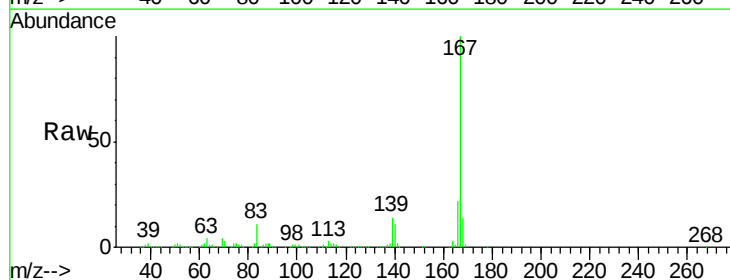
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 932321
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 38.014 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion:167 Resp: 926385
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.619 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

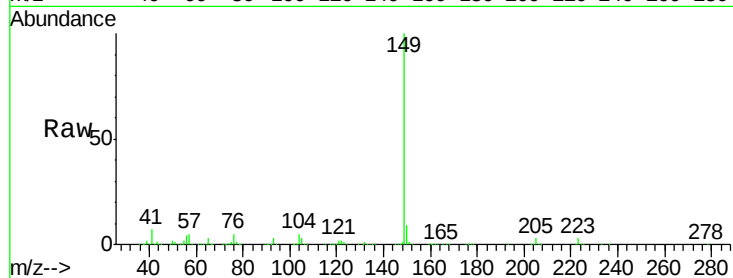
Tot Ion:149 Resp: 1147130

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

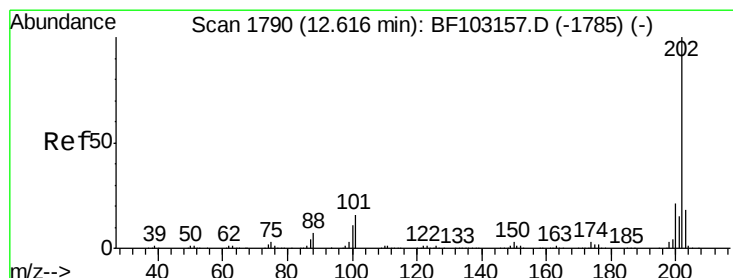
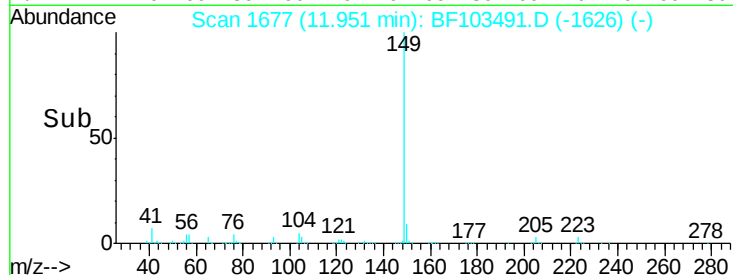
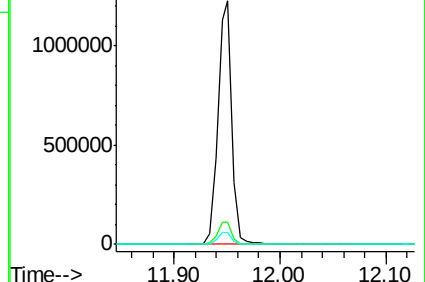
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.213 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

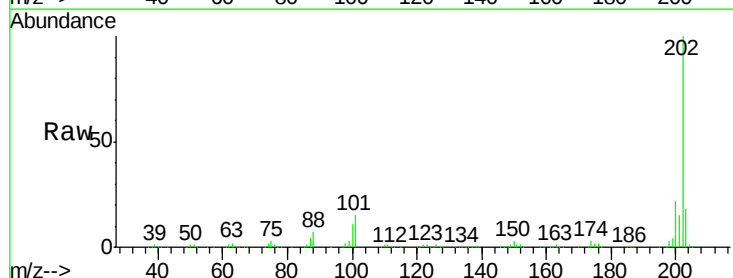
Tgt Ion:202 Resp: 916395

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

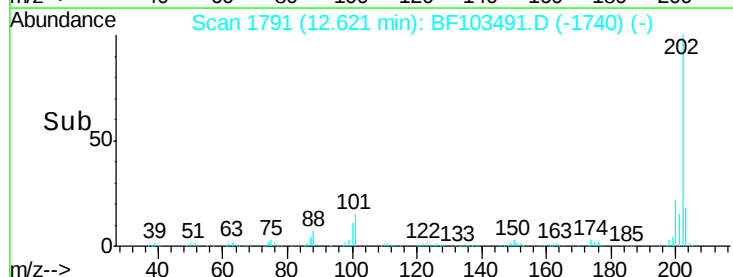
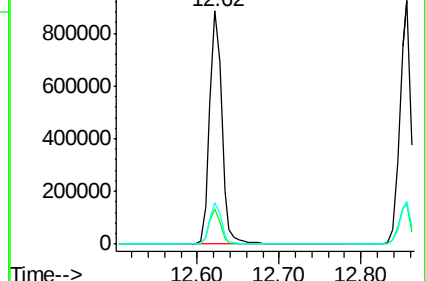
203 17.9 0.0 38.1

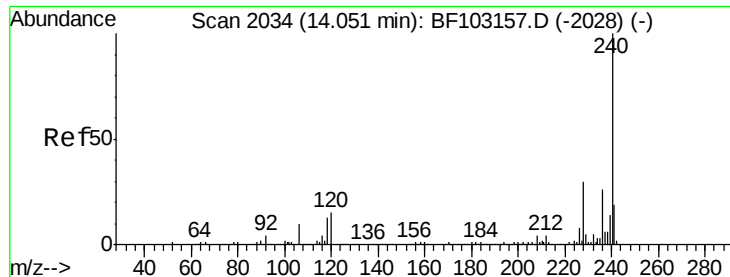


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

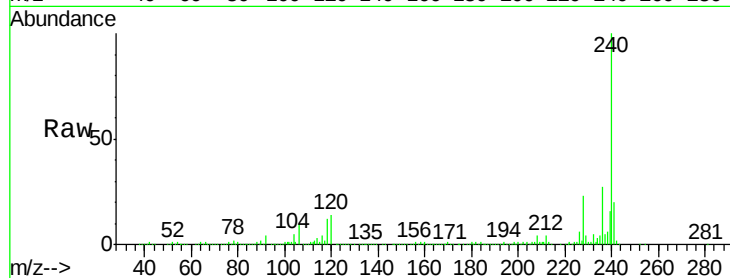
Tot Ion:240 Resp: 310352

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

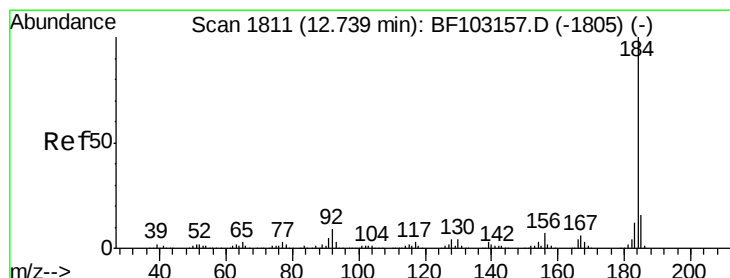
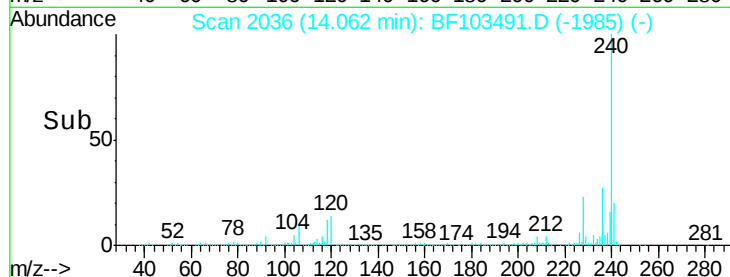
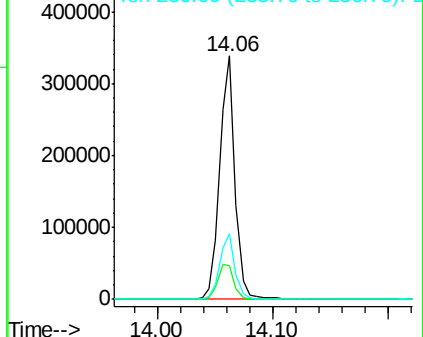
236 26.9 20.7 31.1



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: 42.492 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

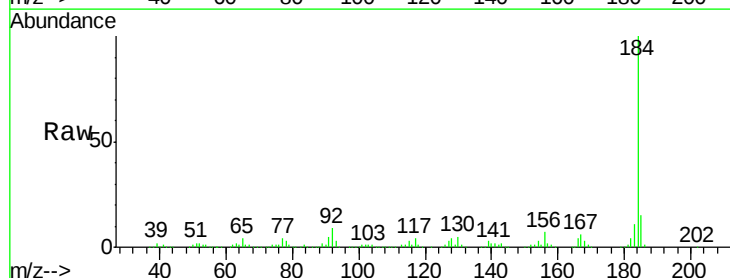
Tgt Ion:184 Resp: 493014

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

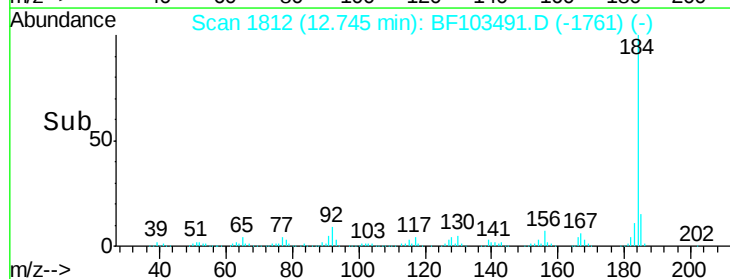
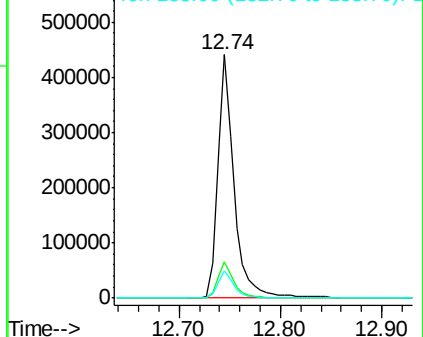
183 11.5 9.3 13.9

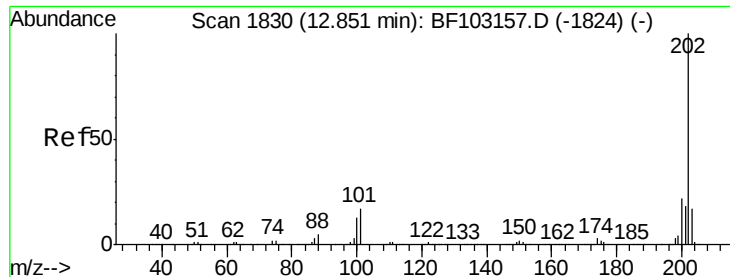


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

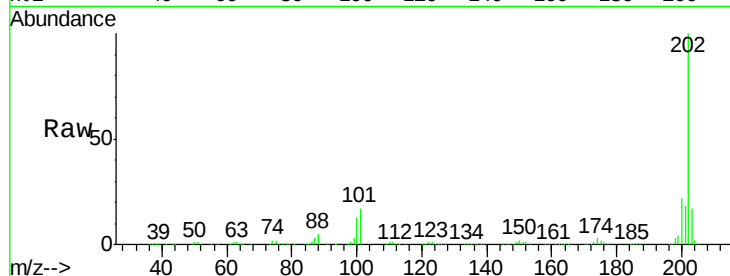




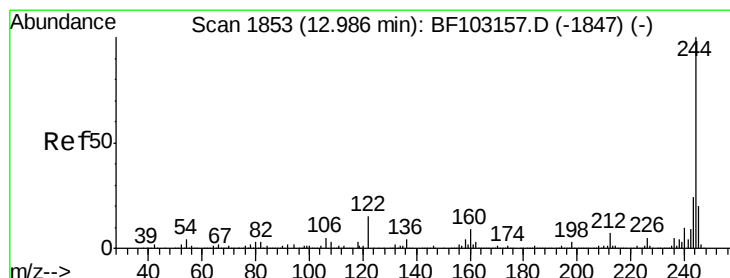
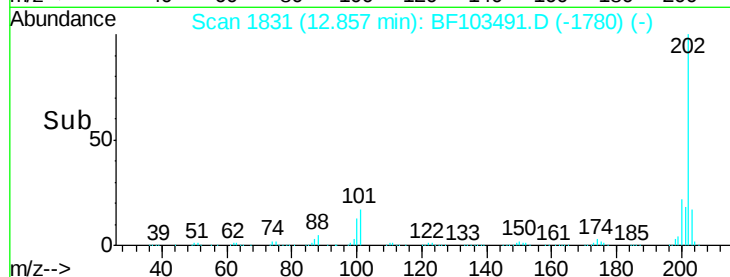
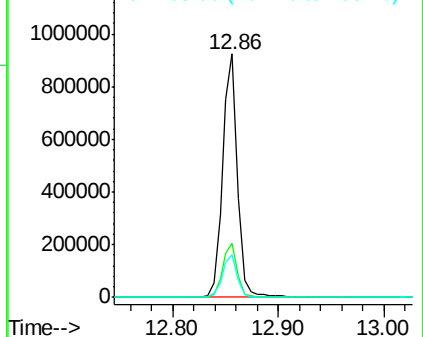
#77
Pvrene
Concen: 37.433 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 905773
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.5 14.3 21.5

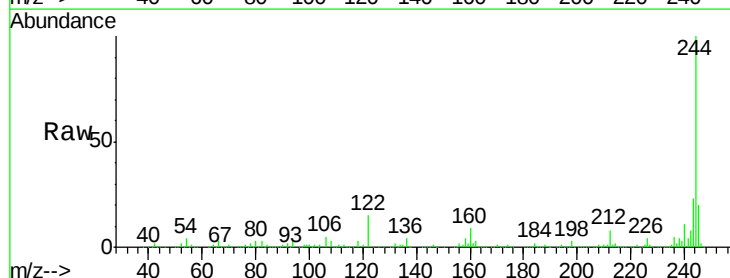


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

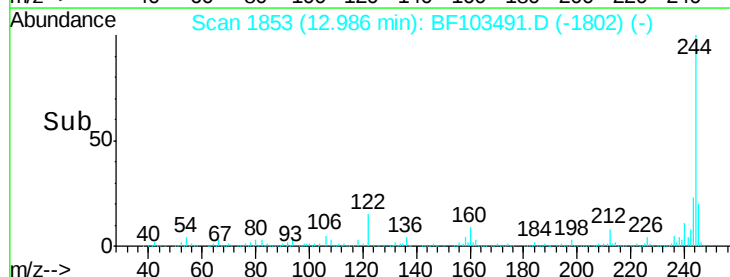
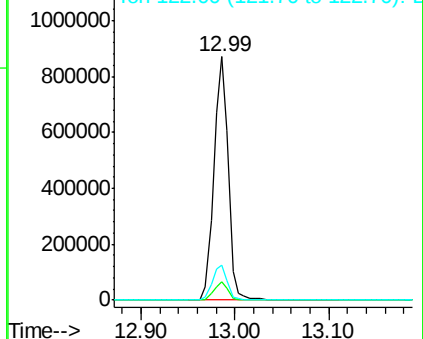


#78
Terphenyl-d14
Concen: 72.676 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:244 Resp: 938284
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 14.6 11.0 16.4



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

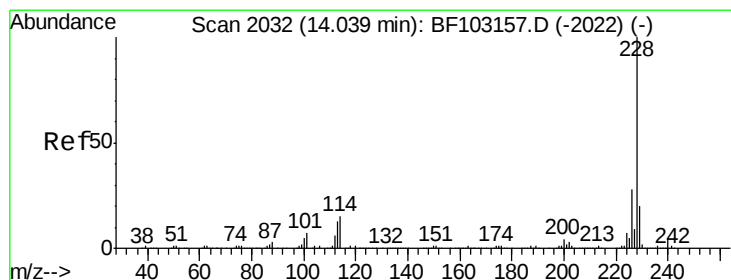
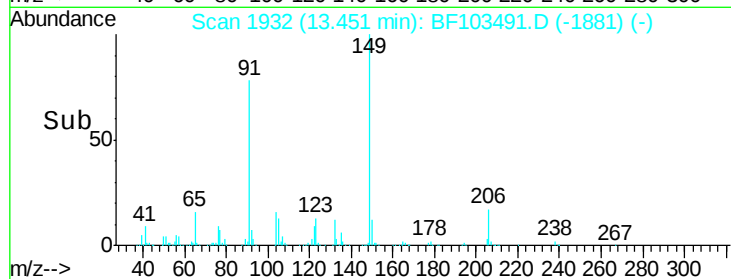
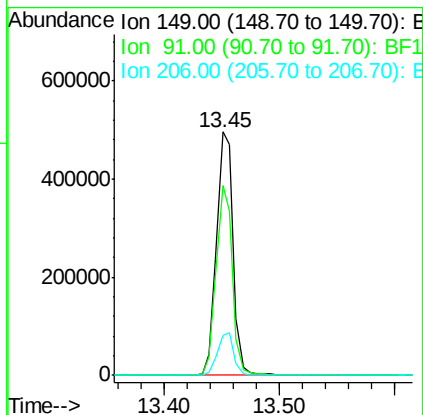
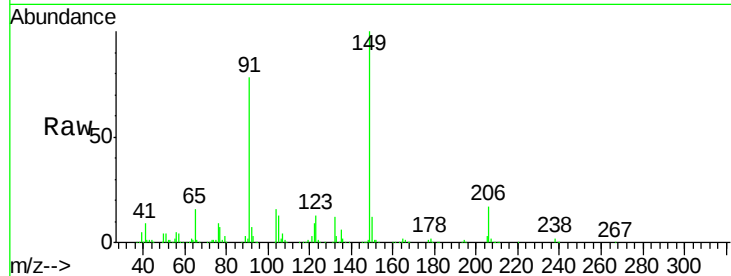




#79
Butylbenzylphthalate
Concen: 38.880 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

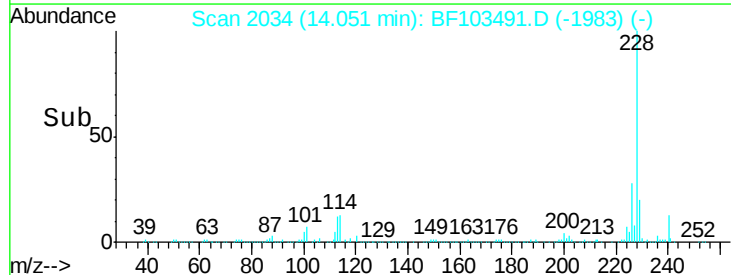
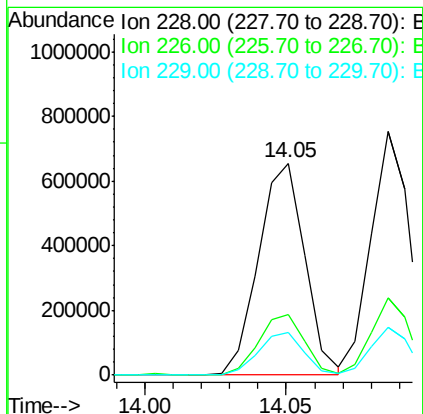
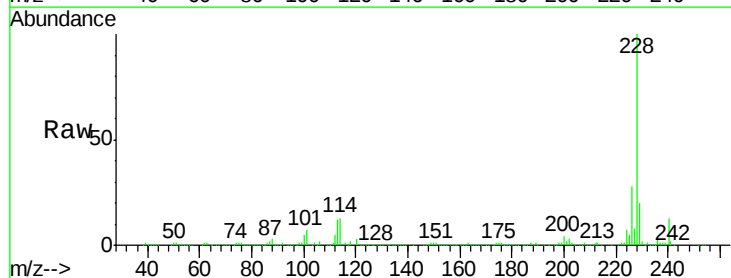
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 497045
Ion Ratio Lower Upper
149 100
91 77.8 56.8 85.2
206 16.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.959 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:228 Resp: 744235
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.1 15.8 23.6

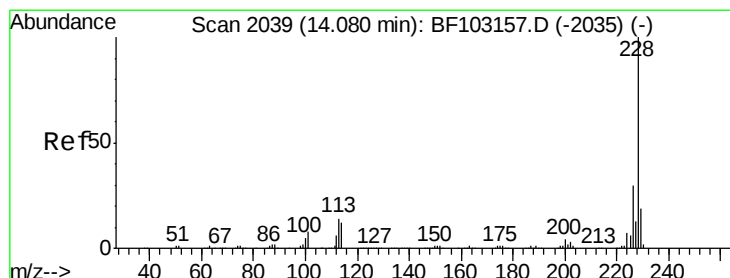
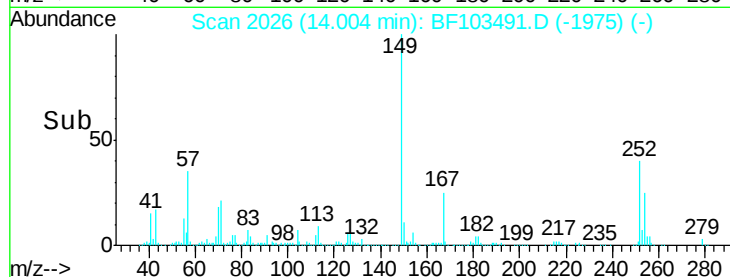
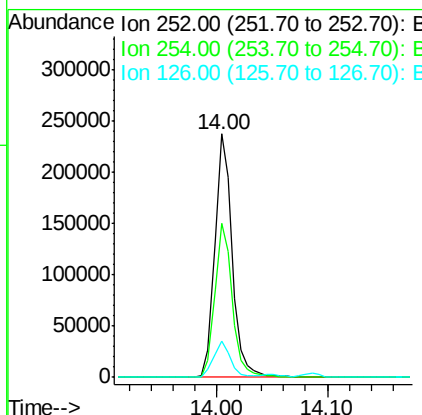
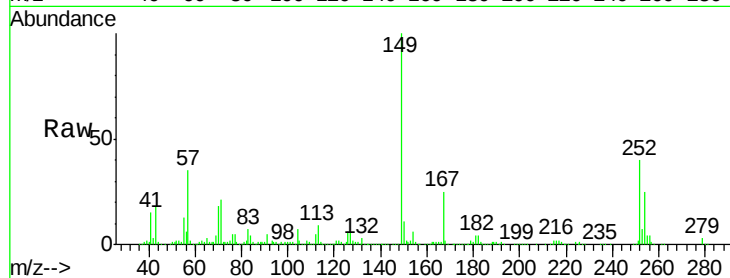




#81
3,3'-Dichlorobenzidine
Concen: 35.851 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

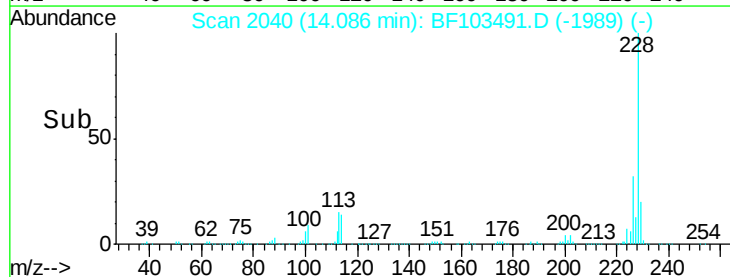
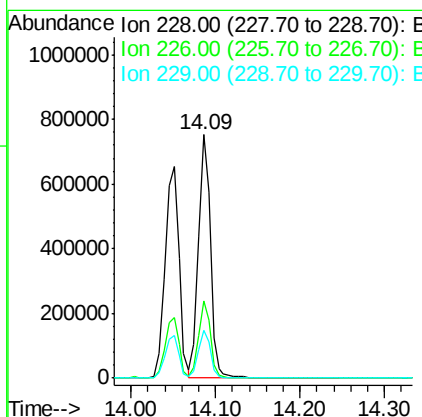
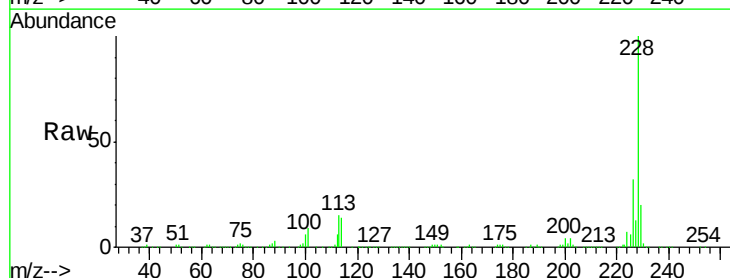
Instrument :
BNA_F
ClientSampleId :

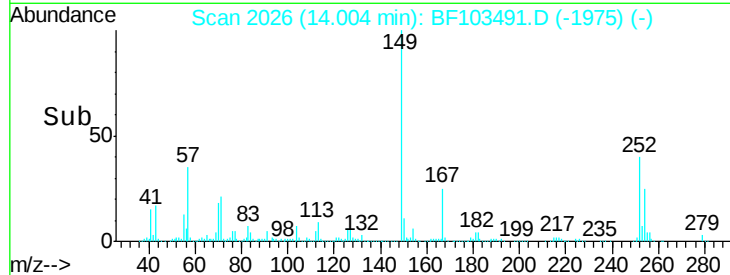
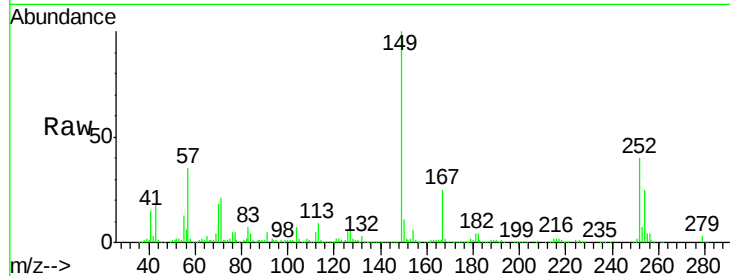
Tot Ion:252 Resp: 257638
Ion Ratio Lower Upper
252 100
254 63.2 50.4 75.6
126 14.8 11.3 16.9



#82
Chrysene
Concen: 37.508 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:228 Resp: 733367
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 19.8 16.2 24.4

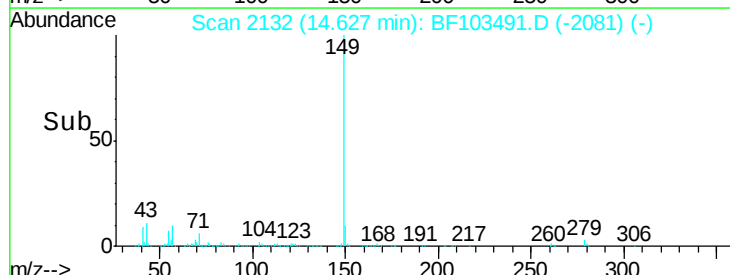
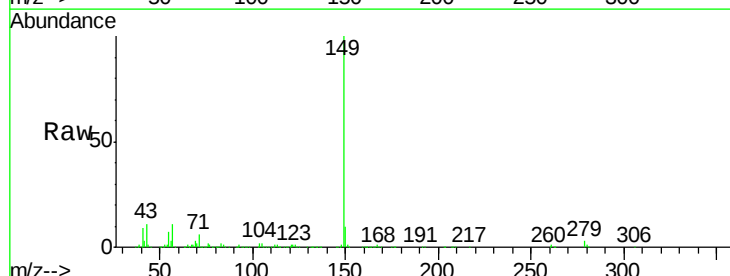
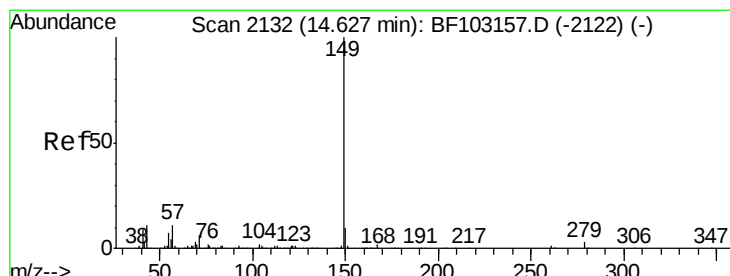
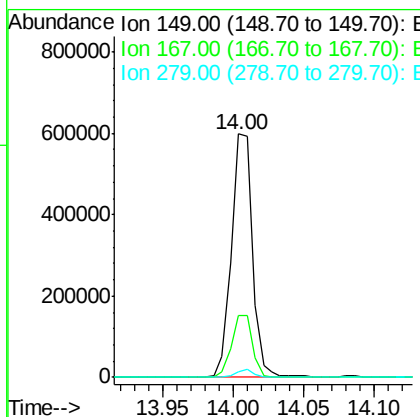




#83
Bis(2-ethylhexyl)phthalate
Concen: 36.159 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

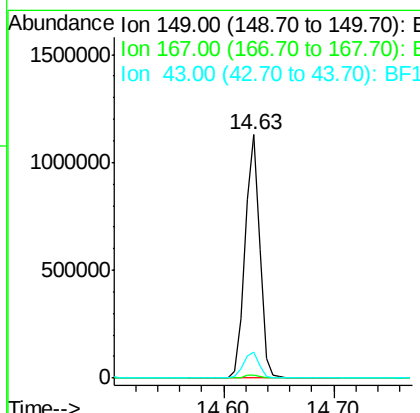
Instrument :
BNA_F
ClientSampleId :

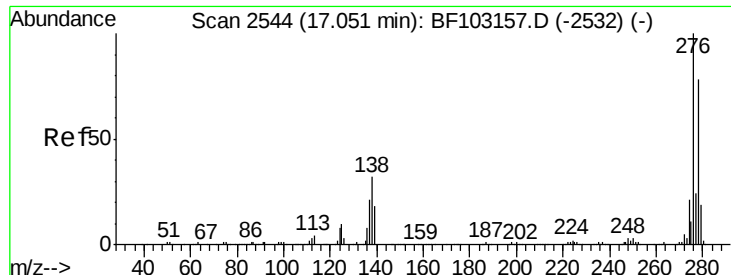
Tot Ion:149 Resp: 623808
Ion Ratio Lower Upper
149 100
167 25.5 21.3 31.9
279 2.5 3.0 4.4#



#84
Di-n-octyl phthalate
Concen: 37.841 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:149 Resp: 1054762
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 8.4 12.6

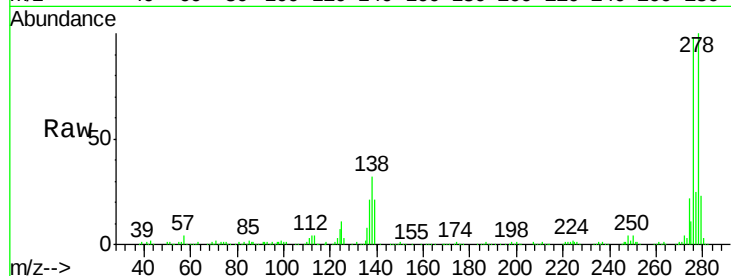




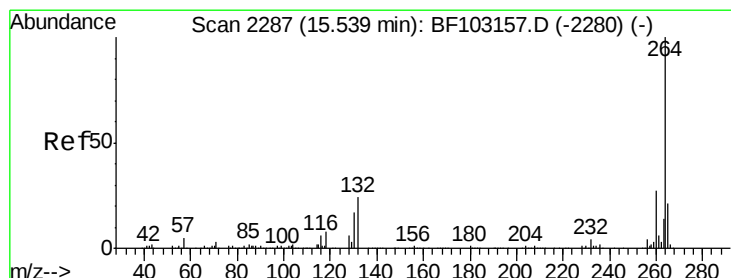
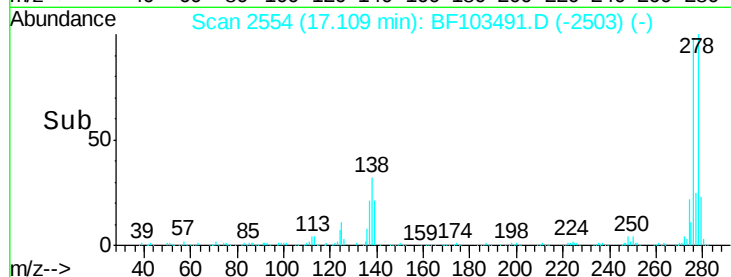
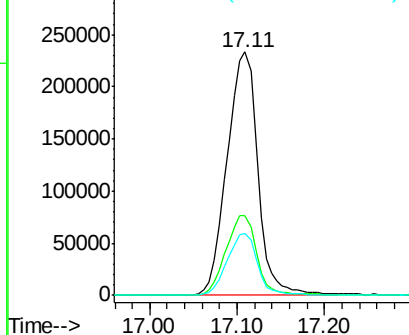
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.016 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 557493
 Ion Ratio Lower Upper
 276 100
 138 33.4 25.0 37.6
 277 25.2 20.1 30.1

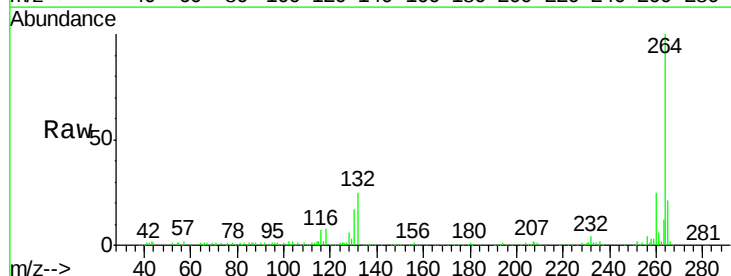


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

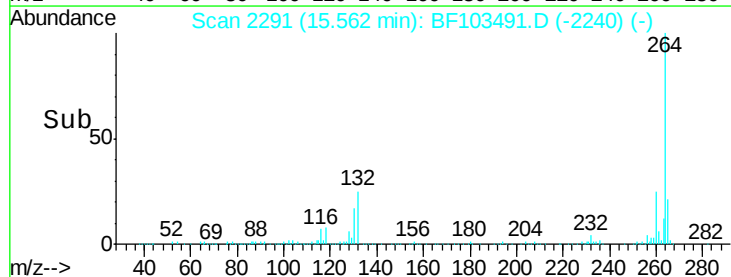
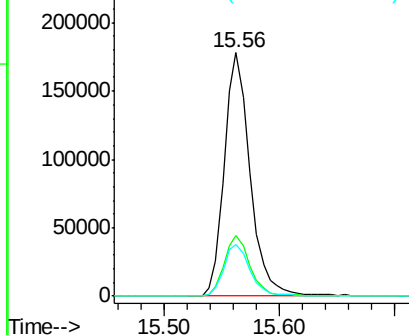


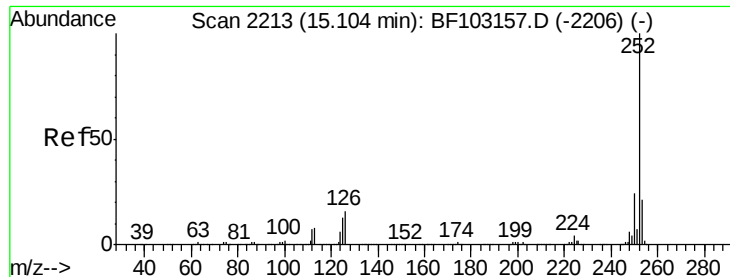
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Tgt Ion:264 Resp: 276518
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.0 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: 33.919 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

Instrument :

BNA_F

ClientSampleId :

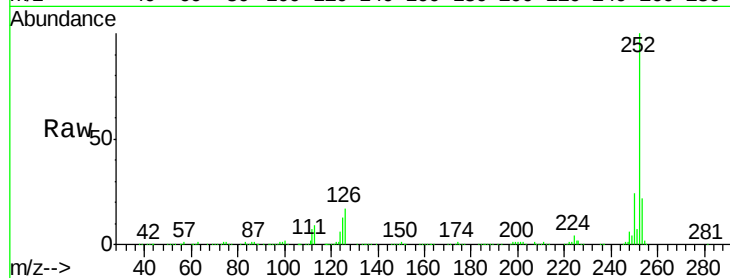
Tot Ion:252 Resp: 616672

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

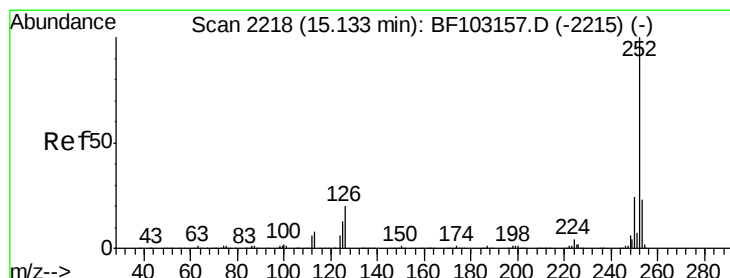
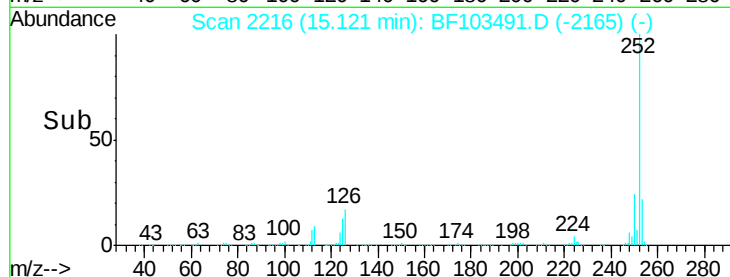
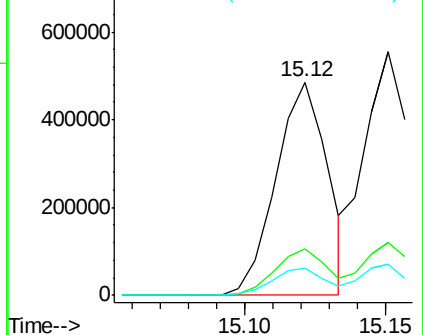
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.650 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BF103491.D

Acq: 7 Mar 2018 10:49

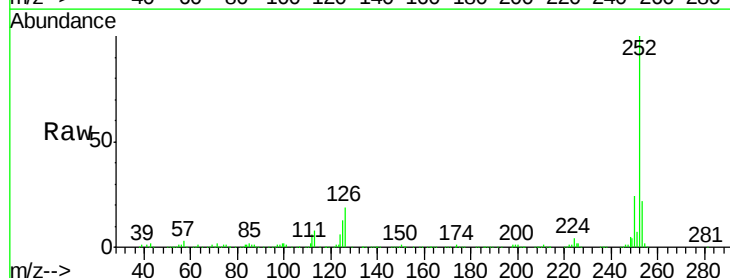
Tgt Ion:252 Resp: 644572

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

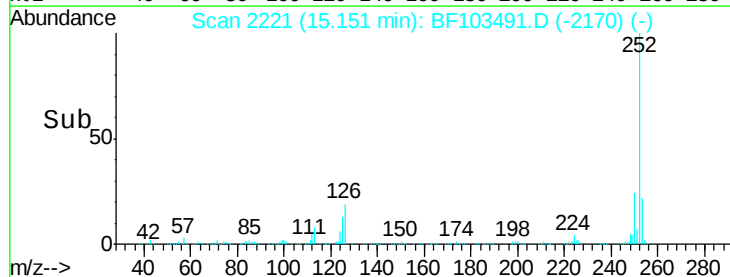
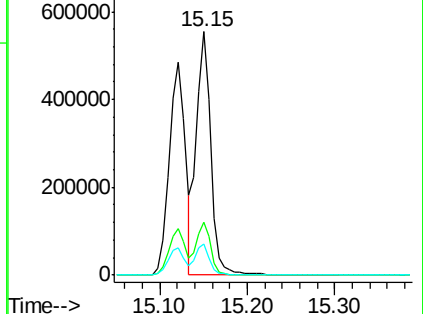
125 13.0 10.2 15.2

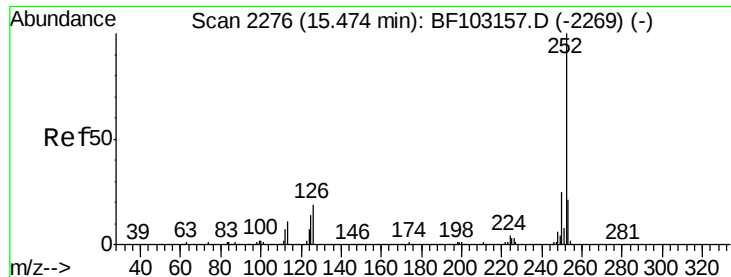


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

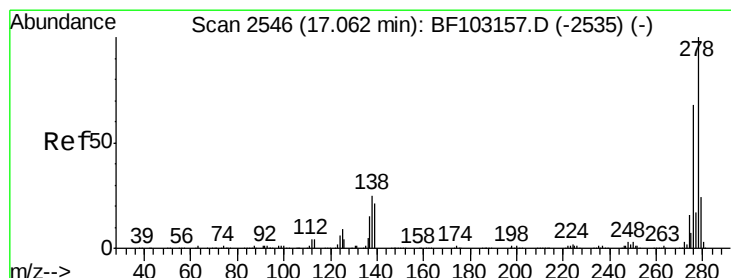
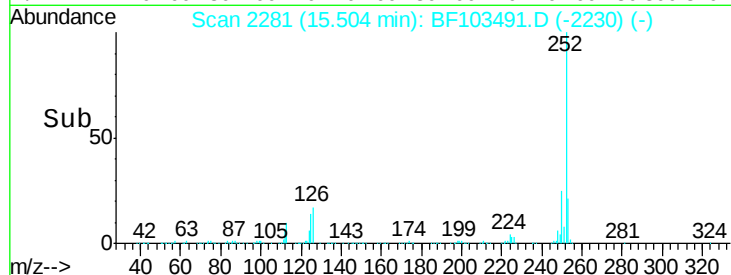
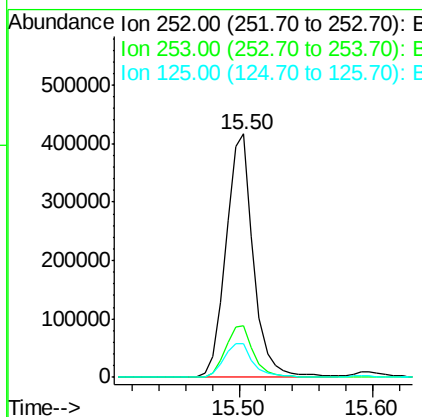
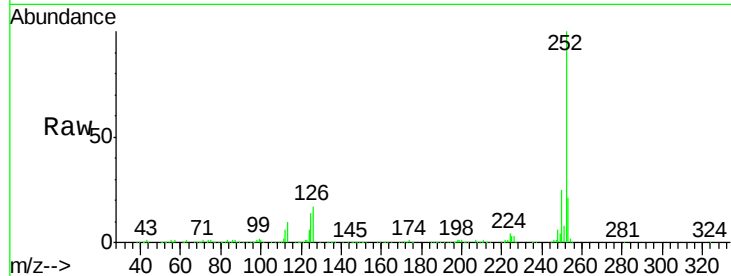




#89
Benzo(a)pyrene
Concen: 36.897 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

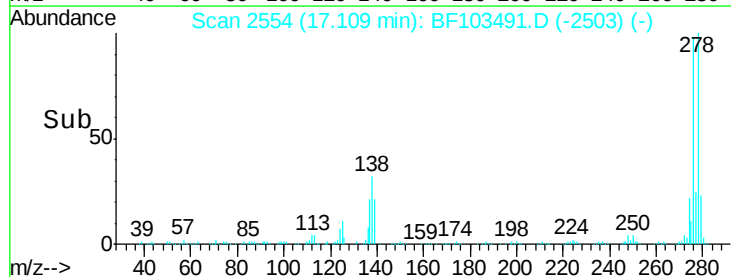
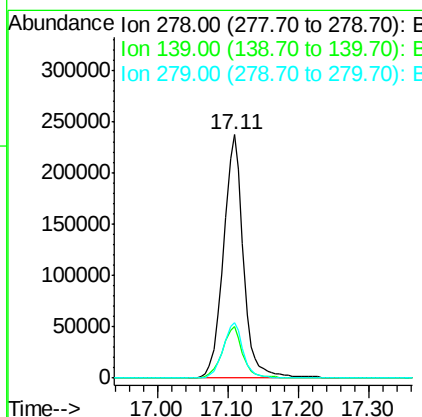
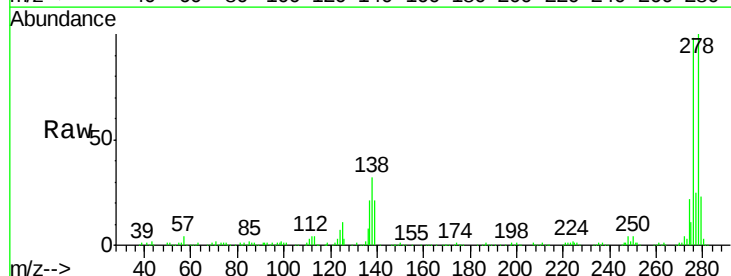
Instrument :
BNA_F
ClientSampled :

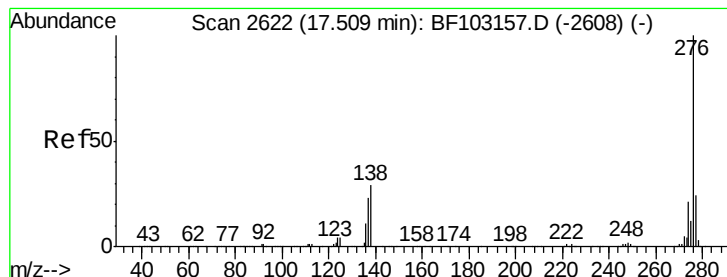
Tot Ion:252 Resp: 599046
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 13.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.234 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BF103491.D
Acq: 7 Mar 2018 10:49

Tgt Ion:278 Resp: 467121
Ion Ratio Lower Upper
278 100
139 21.0 15.9 23.9
279 22.9 19.0 28.4

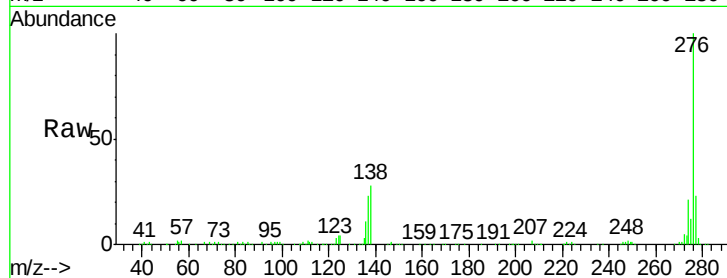




#91
 Benzo(a,h,i)perylene
 Concen: 38.540 ng
 RT: 17.57 min Scan# 2633
 Delta R.T. 0.00 min
 Lab File: BF103491.D
 Acq: 7 Mar 2018 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	28.0	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

