

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104010.D
 Acq On : 28 Mar 2018 15:25
 Operator : JU/SJ
 Sample : PB107735BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 16:50:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	120788	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	521717	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	256245	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	491551	20.00	ng	0.00
75) Chrysene-d12	14.15	240	403913	20.00	ng	0.00
86) Perylene-d12	15.69	264	371952	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	812321	107.25	ng	0.00
7) Phenol-d6	6.60	99	960047	103.03	ng	0.00
23) Nitrobenzene-d5	7.53	82	588147	68.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	284943	99.86	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1171148	72.07	ng	0.00
78) Terphenyl-d14	13.08	244	1238470	70.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	96933	29.673	ng	# 87
3) Pyridine	3.69	79	226241	27.357	ng	87
4) n-Nitrosodimethylamine	3.65	42	76727	31.214	ng	81
6) Aniline	6.64	93	264304	23.693	ng	# 88
8) 2-Chlorophenol	6.76	128	291023	35.028	ng	96
9) Benzaldehyde	6.52	77	116476	20.717	ng	99
10) Phenol	6.62	94	342630	33.185	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	300497	33.775	ng	92
12) 1,3-Dichlorobenzene	6.90	146	299900	32.111	ng	97
13) 1,4-Dichlorobenzene	6.98	146	324757	32.452	ng	99
14) 1,2-Dichlorobenzene	7.13	146	286864	31.893	ng	99
15) Benzyl Alcohol	7.11	79	216831	35.788	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	324786	33.507	ng	52
17) 2-Methylphenol	7.22	107	232310	34.354	ng	# 94
18) Hexachloroethane	7.47	117	109831	32.780	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	191206	34.575	ng	91
20) 3+4-Methylphenols	7.37	107	306071	35.465	ng	# 62
22) Acetophenone	7.37	105	404383	32.036	ng	98
24) Nitrobenzene	7.55	77	284109	31.652	ng	93
25) Isophorone	7.78	82	529826	33.700	ng	99
26) 2-Nitrophenol	7.86	139	158294	33.785	ng	92
27) 2,4-Dimethylphenol	7.89	122	253464	37.510	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	344765	34.989	ng	99
29) 2,4-Dichlorophenol	8.10	162	248866	35.260	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	252697	31.555	ng	98
31) Naphthalene	8.27	128	874393	34.307	ng	100
32) Benzoic acid	8.02	122	132567	26.780	ng	94
33) 4-Chloroaniline	8.32	127	196230	18.262	ng	97
34) Hexachlorobutadiene	8.37	225	135557	31.107	ng	100
35) Caprolactam	8.69	113	76741	34.291	ng	# 74
36) 4-Chloro-3-methylphenol	8.80	107	269525	36.103	ng	95
37) 2-Methylnaphthalene	8.96	142	566606	33.749	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	248913	31.677	ng	99
40) Hexachlorocyclopentadiene	9.10	237	242394	66.509	ng	99

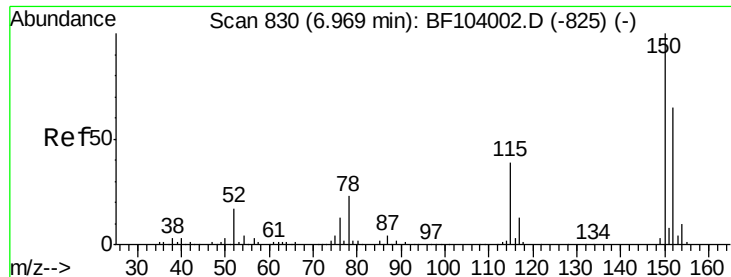
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	165945	33.351	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	190950	31.784	nq	96
45) 1,1'-Biphenyl	9.42	154	694052	31.558	nq	98
46) 2-Chloronaphthalene	9.45	162	541303	31.202	nq	97
47) 2-Nitroaniline	9.55	65	159626	32.269	nq	97
48) Acenaphthylene	9.87	152	830930	31.616	nq	99
49) Dimethylphthalate	9.72	163	644233	31.843	nq	100
50) 2,6-Dinitrotoluene	9.79	165	145532	33.436	nq	97
51) Acenaphthene	10.04	154	472242	31.061	nq	99
52) 3-Nitroaniline	9.97	138	103620	20.710	nq	99
53) 2,4-Dinitrophenol	10.07	184	134940	71.640	nq	# 21
54) Dibenzofuran	10.21	168	738599	33.267	nq	98
55) 4-Nitrophenol	10.14	139	214504	71.499	nq	94
56) 2,4-Dinitrotoluene	10.20	165	188601	33.957	nq	# 93
57) Fluorene	10.56	166	595682	32.525	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	162055	36.003	nq	89
59) Diethylphthalate	10.42	149	633108	32.666	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	276079	32.821	nq	98
61) 4-Nitroaniline	10.59	138	151022	32.258	nq	95
62) Azobenzene	10.70	77	579835	33.085	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	88298	29.675	nq	# 76
65) n-Nitrosodiphenylamine	10.66	169	529175	31.788	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	168843	32.106	nq	93
67) Hexachlorobenzene	11.10	284	189366	31.304	nq	# 86
68) Atrazine	11.19	200	169981	33.330	nq	99
69) Pentachlorophenol	11.30	266	195802	58.820	nq	97
70) Phenanthrene	11.52	178	849858	31.934	nq	99
71) Anthracene	11.57	178	916965	32.986	nq	100
72) Carbazole	11.73	167	845810	31.879	nq	100
73) Di-n-butylphthalate	12.04	149	1016067	32.151	nq	99
74) Fluoranthene	12.72	202	921658	32.581	nq	98
76) Benzidine	12.84	184	427561	37.145	nq	98
77) Pyrene	12.95	202	924935	31.855	nq	99
79) Butylbenzylphthalate	13.55	149	442305	32.334	nq	96
80) Benzo(a)anthracene	14.14	228	836578	33.101	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	182698	21.839	nq	# 96
82) Chrysene	14.18	228	779594	31.493	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	579478	32.786	nq	100
84) Di-n-octyl phthalate	14.72	149	1019474	33.531	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	630635	24.585	nq	97
87) Benzo(b)fluoranthene	15.23	252	780513	34.480	nq	99
88) Benzo(k)fluoranthene	15.26	252	718006	33.672	nq	98
89) Benzo(a)pyrene	15.62	252	704427	33.581	nq	99
90) Dibenzo(a,h)anthracene	17.28	278	523267	26.980	nq	97
91) Benzo(g,h,i)perylene	17.75	276	510113	26.259	nq	96

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

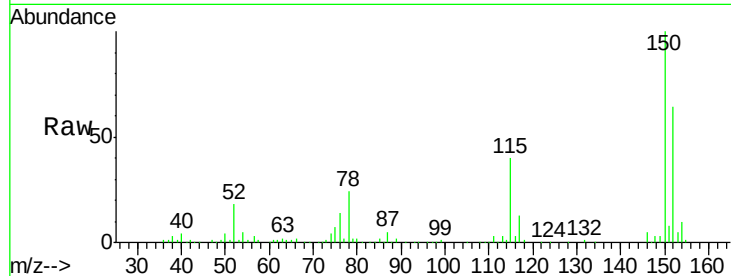


#1

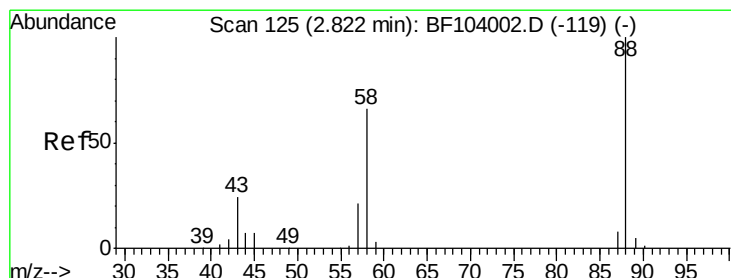
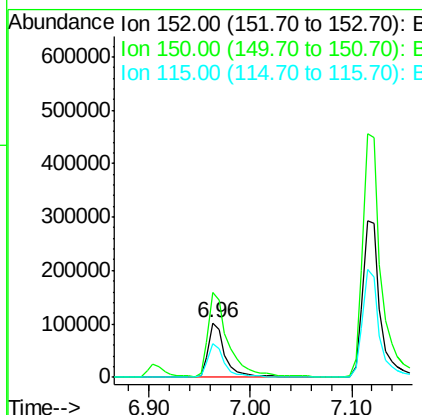
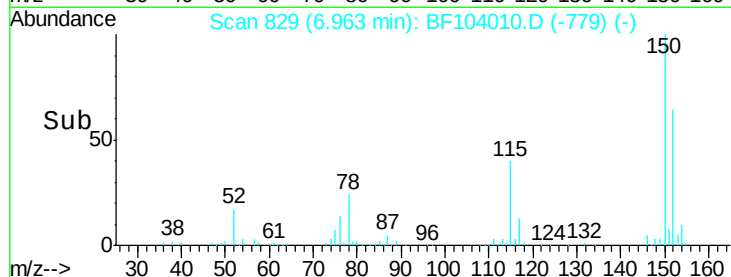
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120788
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.3 50.1 75.1



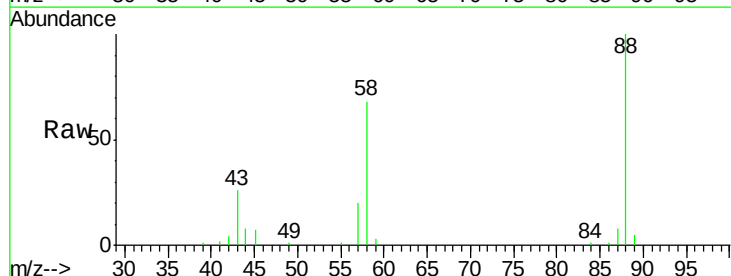
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



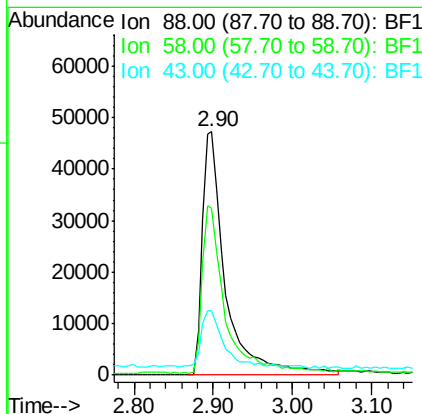
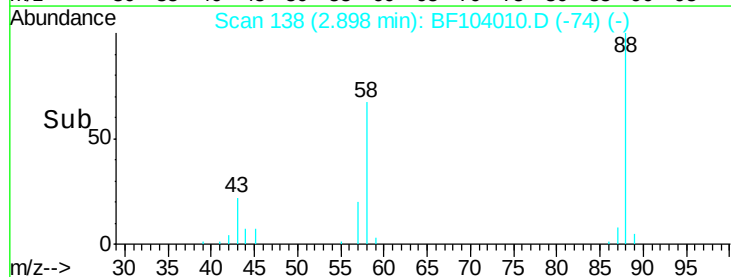
#2

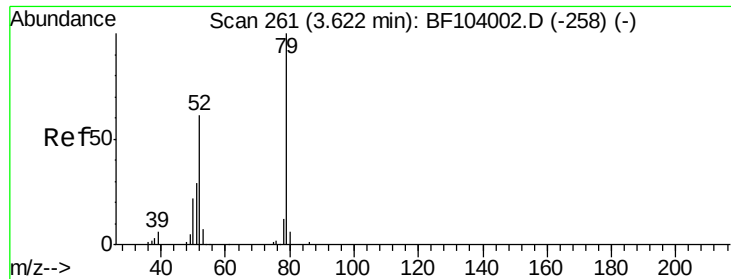
1,4-Dioxane
Concen: 29.673 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.08 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion: 88 Resp: 96933
Ion Ratio Lower Upper
88 100
58 67.6 62.6 93.8
43 22.5 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: 27.357 ng

RT: 3.69 min Scan# 272

Delta R.T. 0.06 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

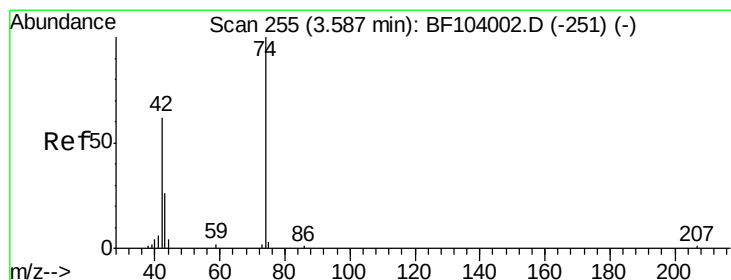
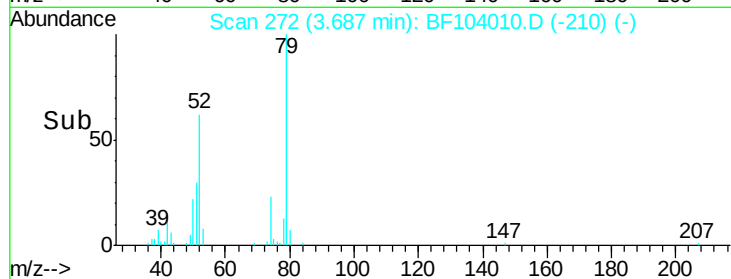
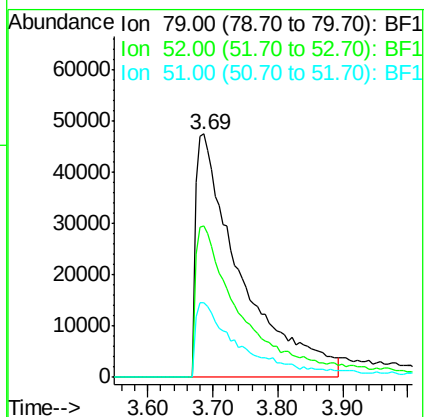
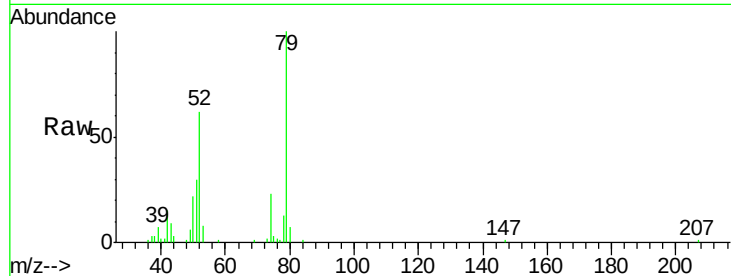
Tot Ion: 79 Resp: 226241

Ion Ratio Lower Upper

79 100

52 62.4 59.8 89.6

51 30.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.214 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

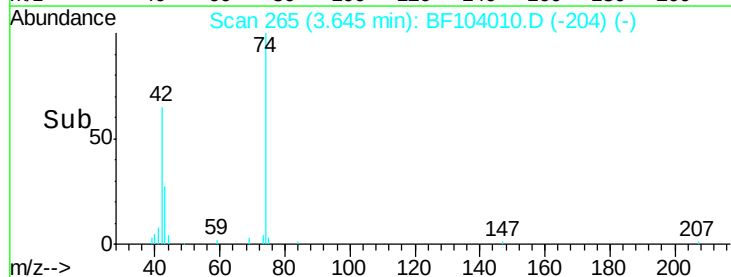
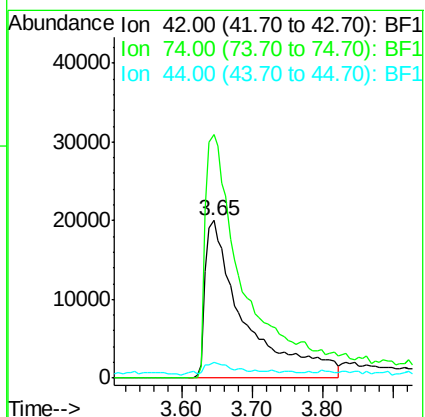
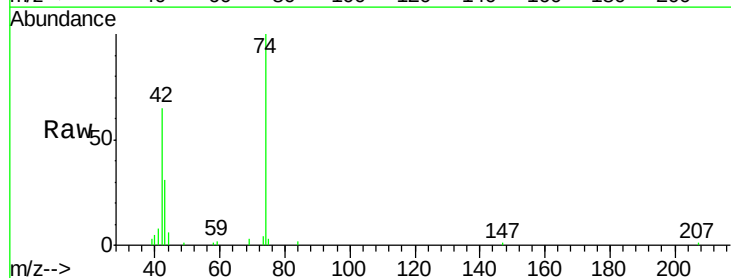
Tgt Ion: 42 Resp: 76727

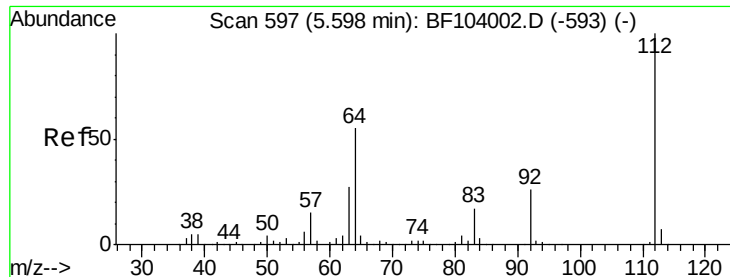
Ion Ratio Lower Upper

42 100

74 154.6 104.9 157.3

44 10.0 6.9 10.3





#5

2-Fluorophenol

Concen: 107.250 ng

RT: 5.60 min Scan# 598

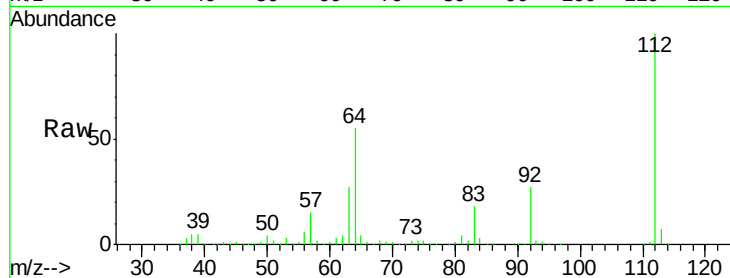
Delta R.T. 0.01 min

Lab File: BF104010.D

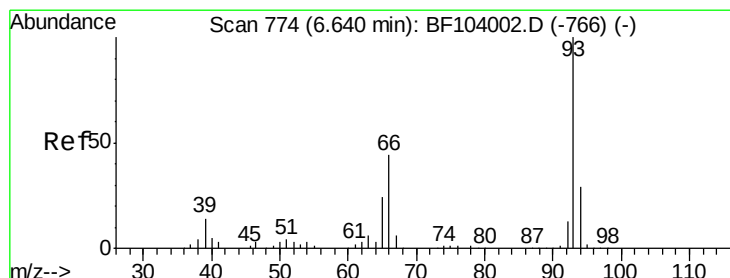
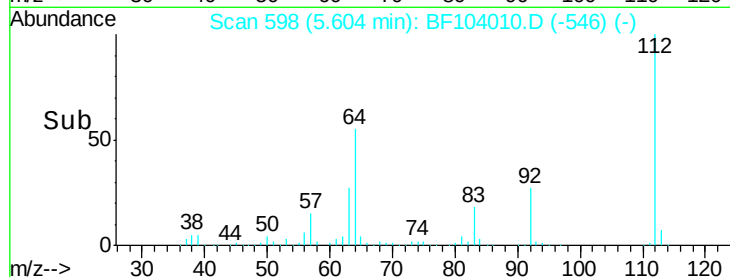
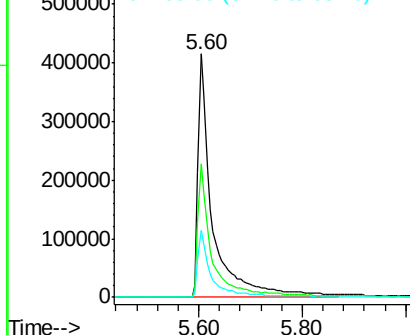
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	812321
Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.693 ng

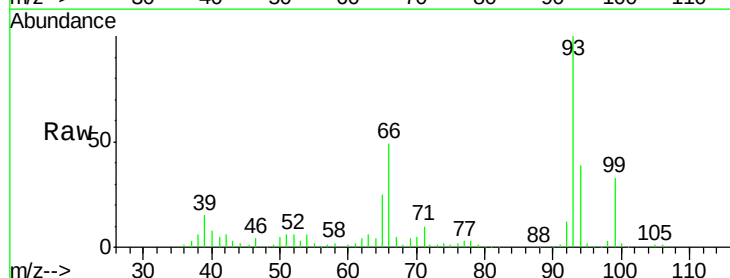
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

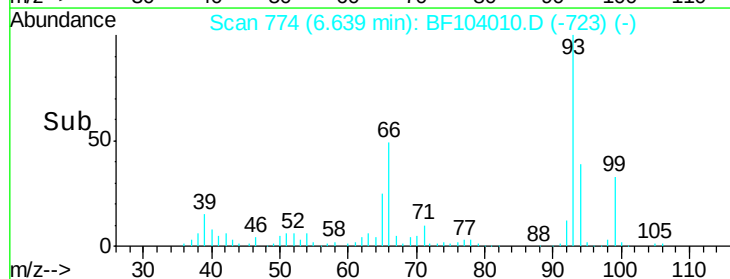
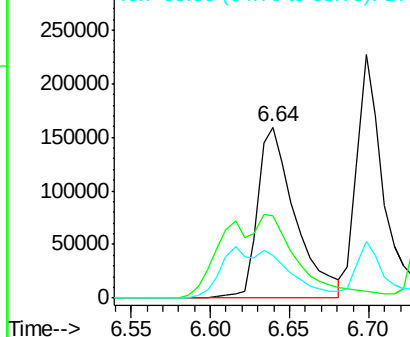
Lab File: BF104010.D

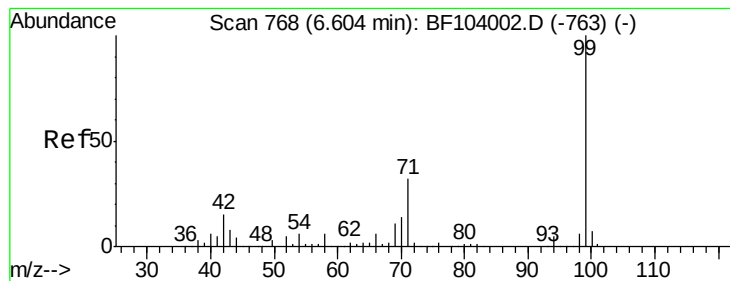
Acq: 28 Mar 2018 15:25

Tgt Ion:	93	Resp:	264304
Ion	Ratio	Lower	Upper
93	100		
66	48.6	32.2	48.2#
65	25.2	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.027 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

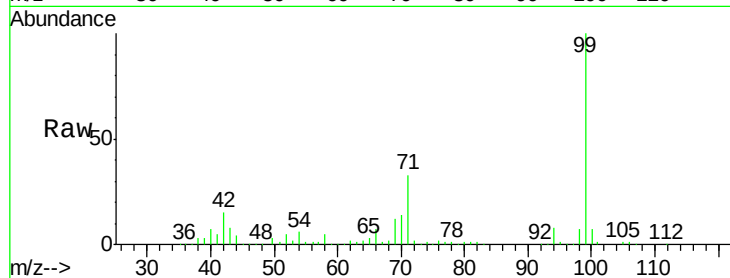
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 960047

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	32.7	25.4	38.0

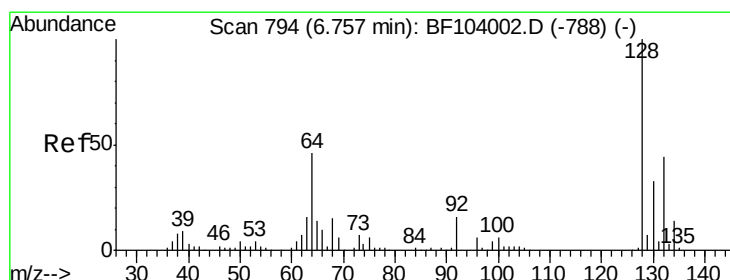
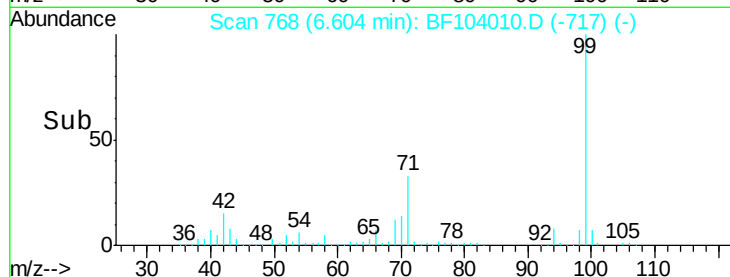
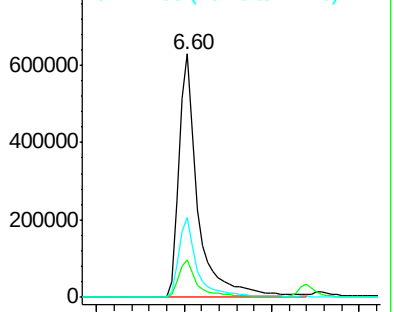


Abundance

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: 35.028 ng

RT: 6.76 min Scan# 794

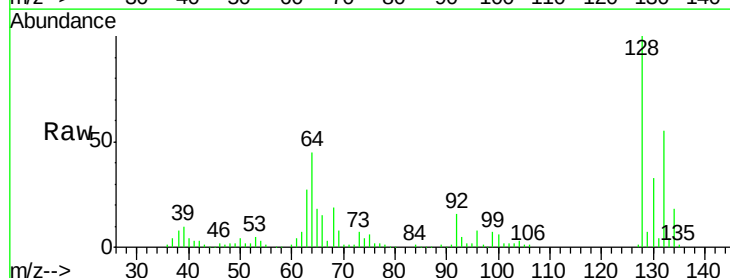
Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion: 128 Resp: 291023

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	45.0	29.4	69.4

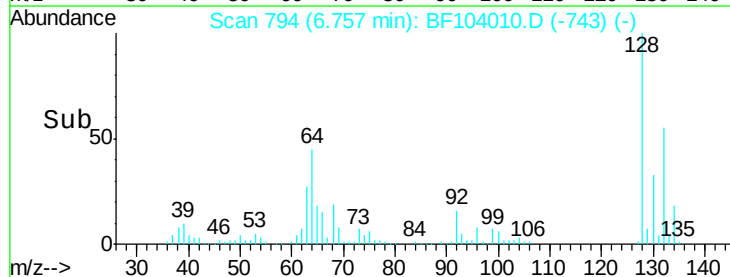
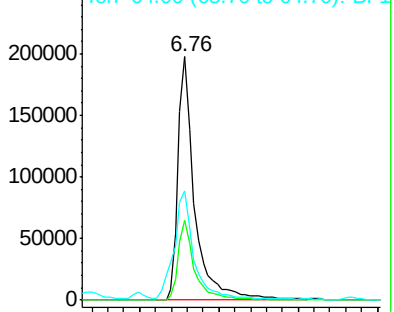


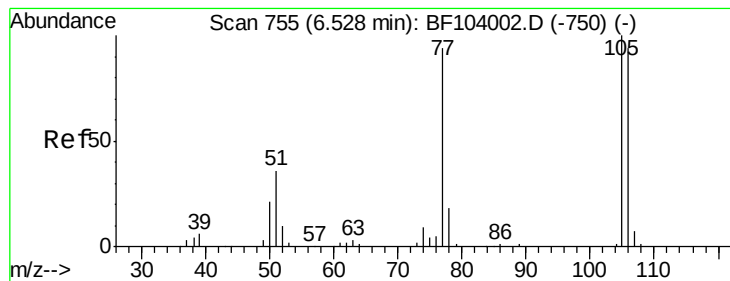
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.717 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

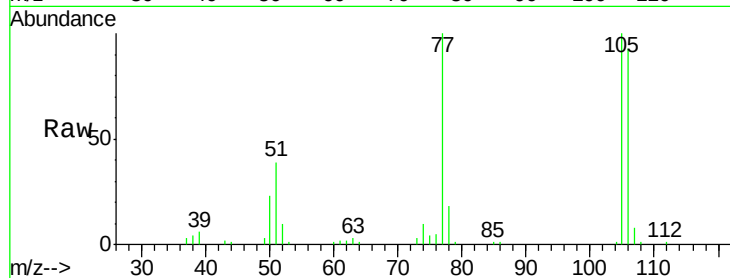
Tot Ion: 77 Resp: 116476

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

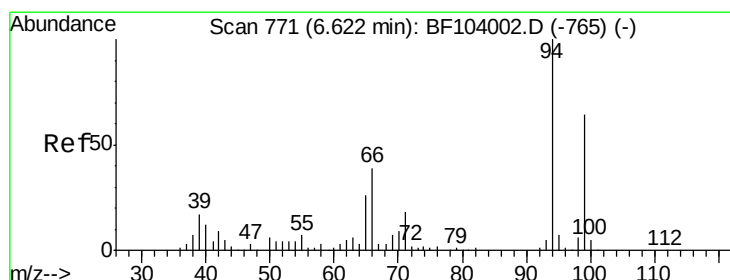
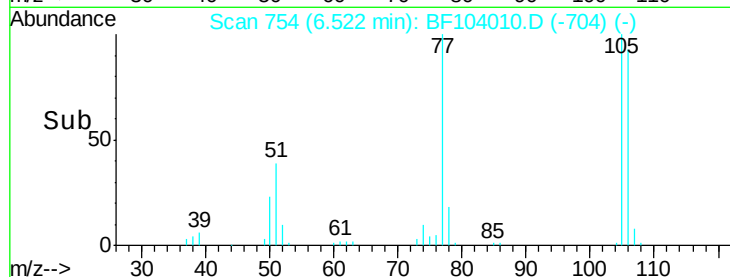
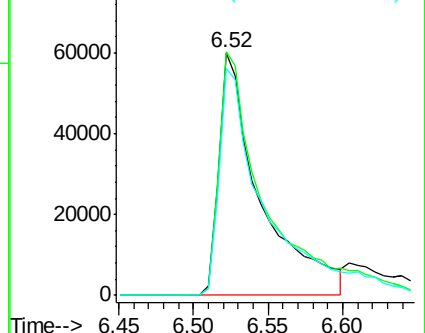
106 93.8 74.5 114.5



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: 33.185 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

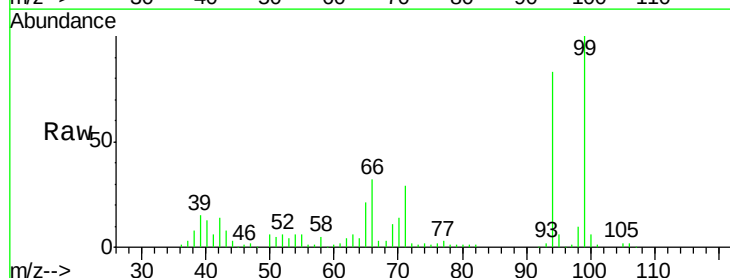
Tgt Ion: 94 Resp: 342630

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

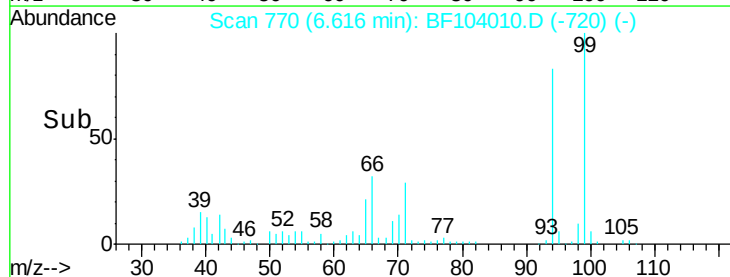
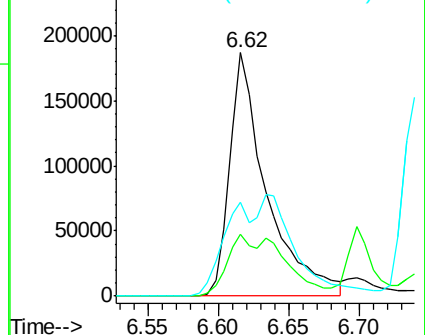
66 38.5 16.2 56.2

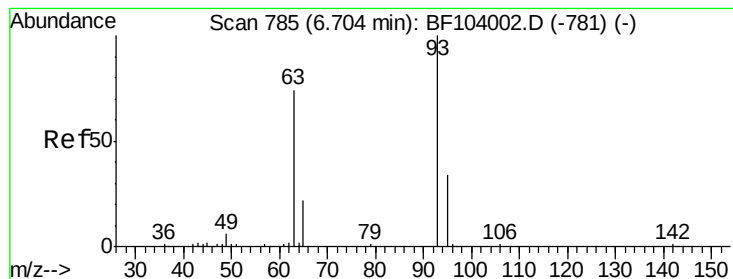


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

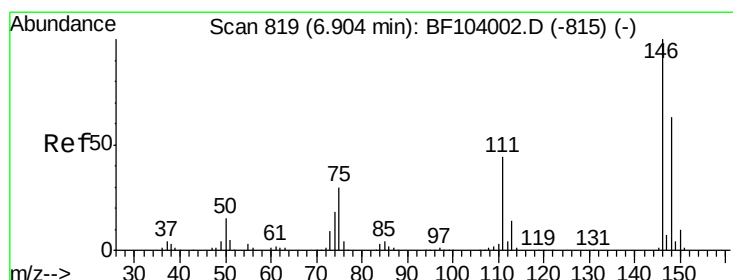
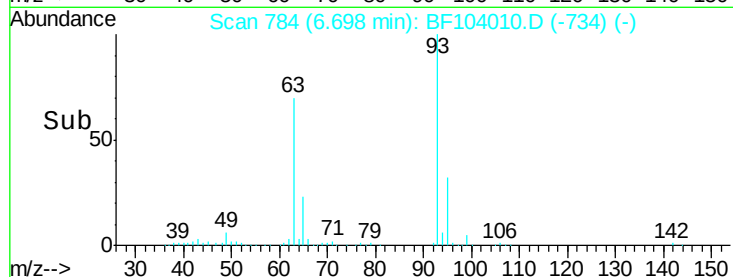
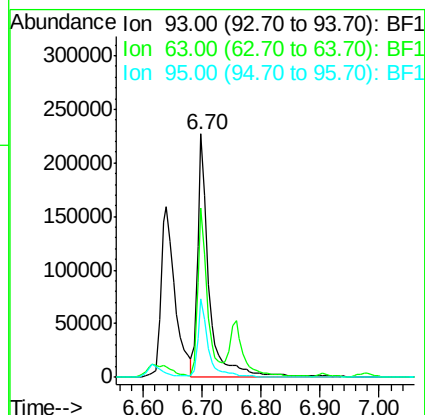
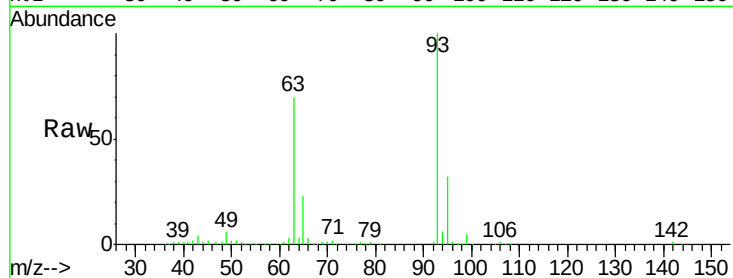




#11
bis(2-Chloroethyl)ether
Concen: 33.775 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

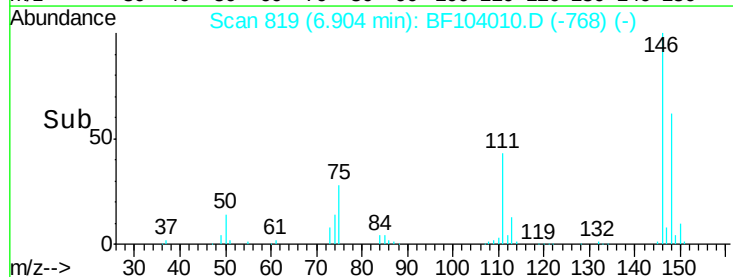
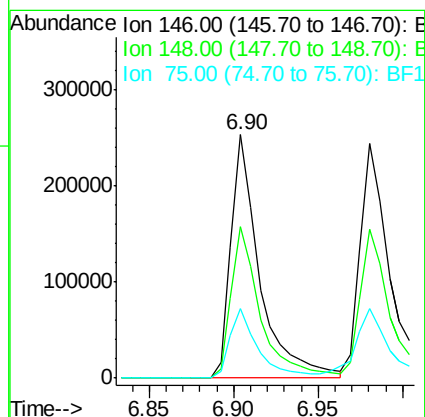
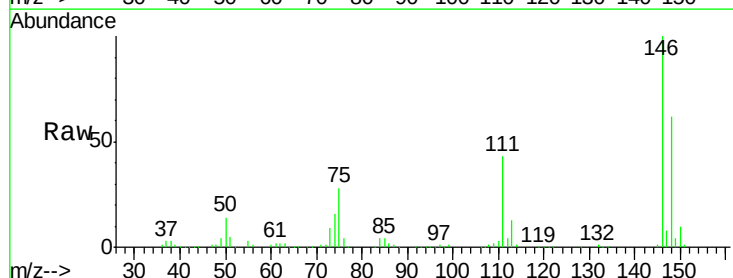
Instrument :
BNA_F
ClientSampleId :

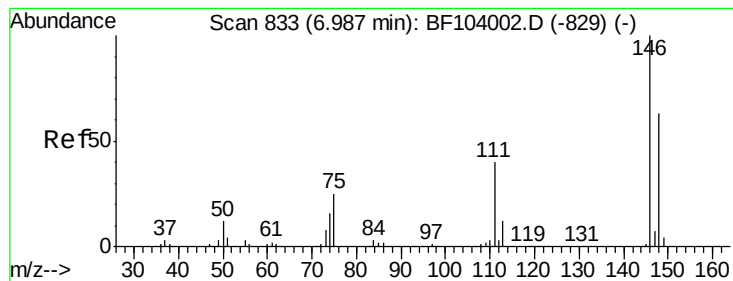
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.6	58.6	98.6
95	32.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 32.111 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.8
75	28.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.452 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

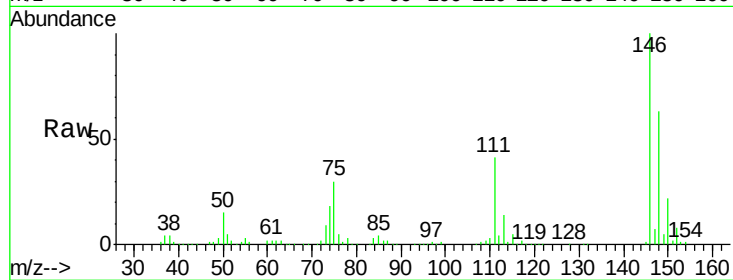
Tot Ion:146 Resp: 324757

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

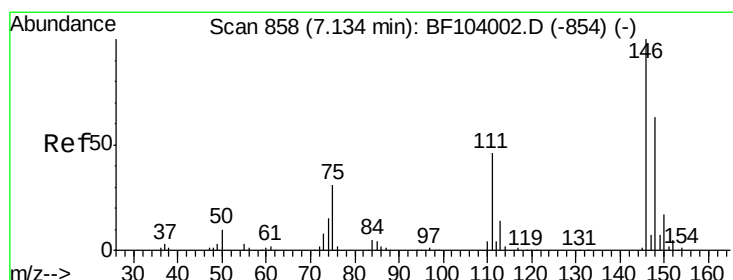
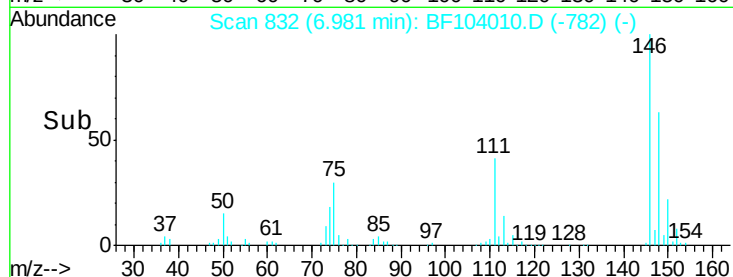
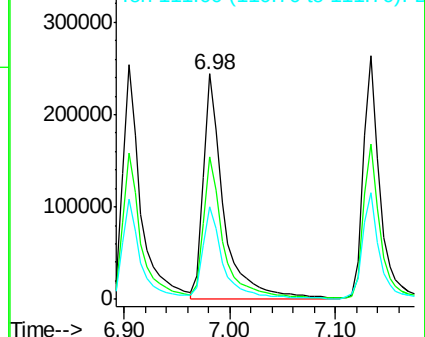
111 41.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.893 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

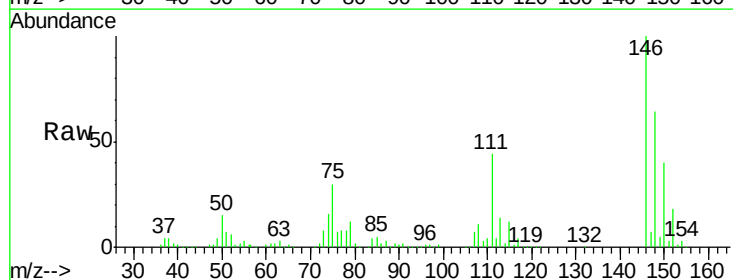
Tgt Ion:146 Resp: 286864

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

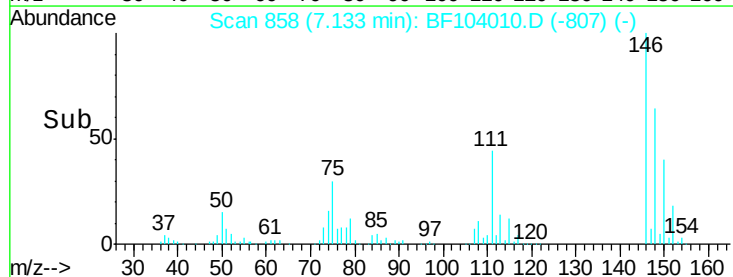
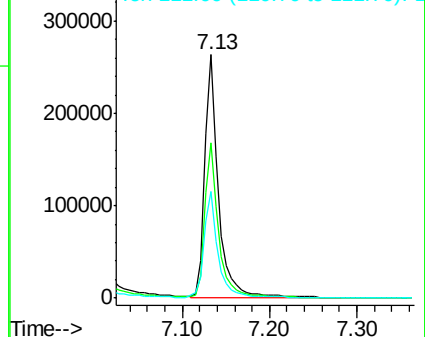
111 43.6 36.0 54.0

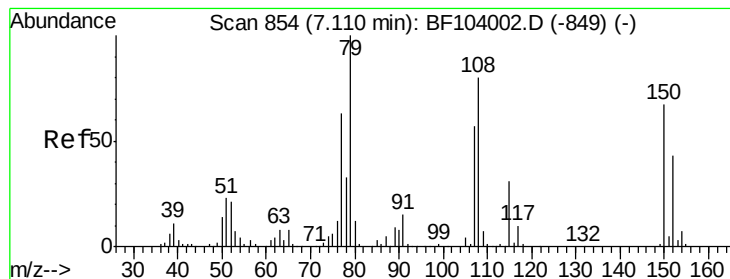


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.788 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampled :

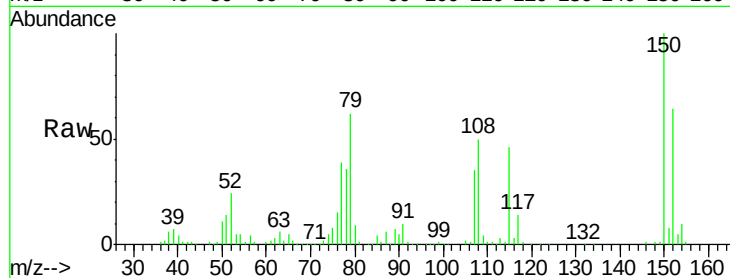
Tot Ion: 79 Resp: 216831

Ion Ratio Lower Upper

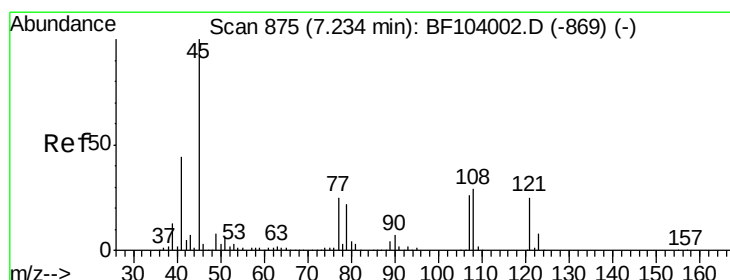
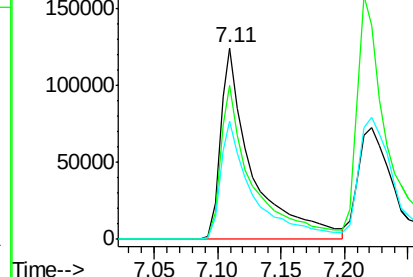
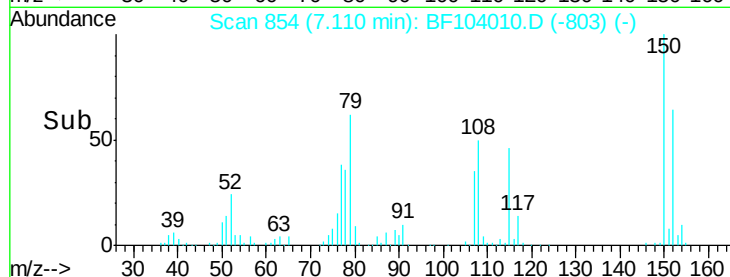
79 100

108 80.8 65.1 97.7

77 62.1 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.507 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

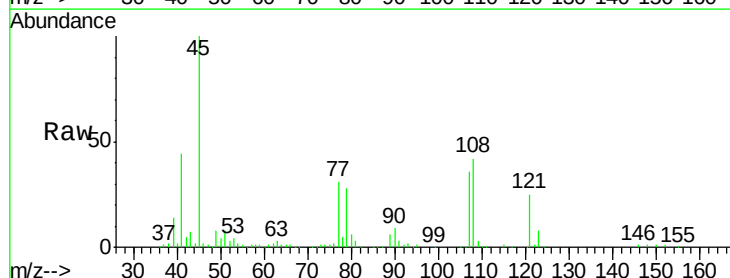
Tgt Ion: 45 Resp: 324786

Ion Ratio Lower Upper

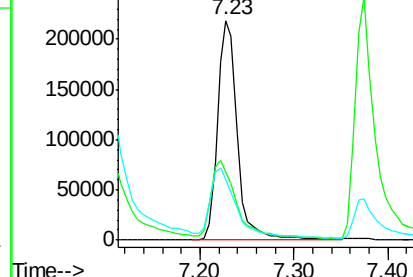
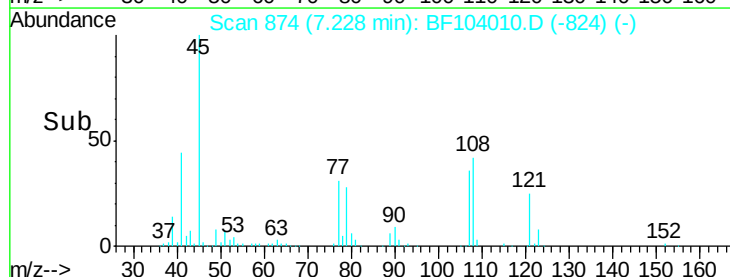
45 100

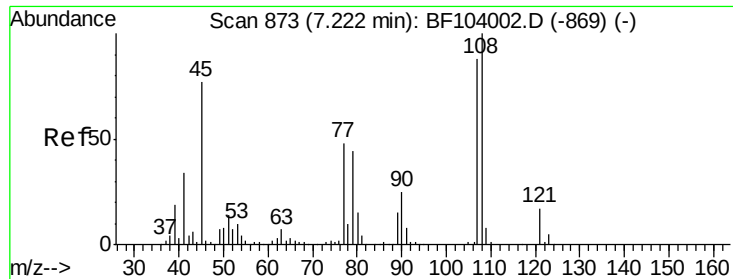
77 31.2 0.0 32.9

79 27.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.354 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 232310

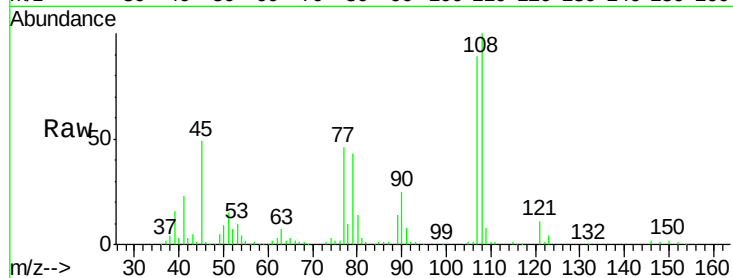
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 51.8 33.8 50.8#

79 48.1 33.8 50.8

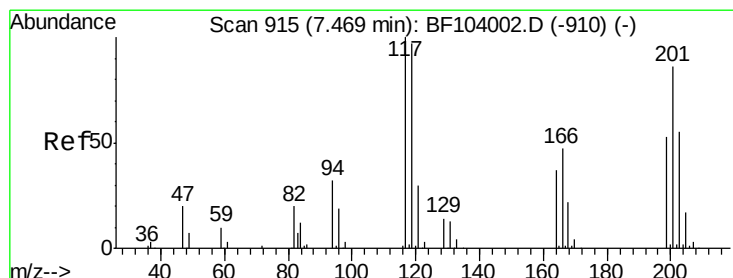
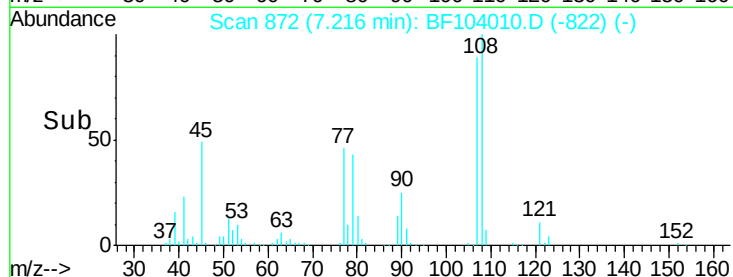
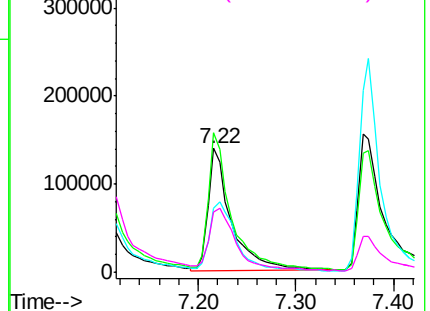


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.780 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

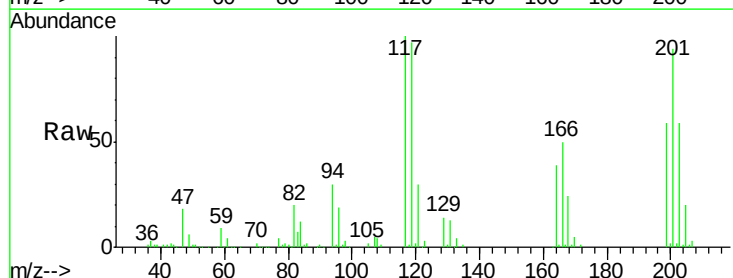
Tgt Ion:117 Resp: 109831

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.8

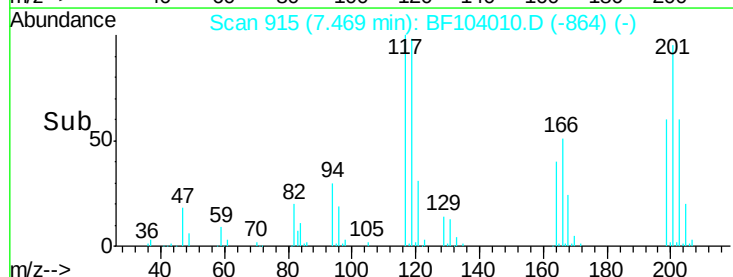
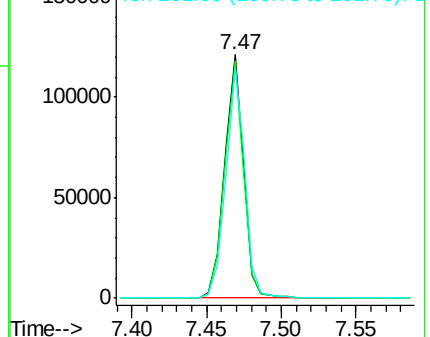
201 94.4 75.7 113.5

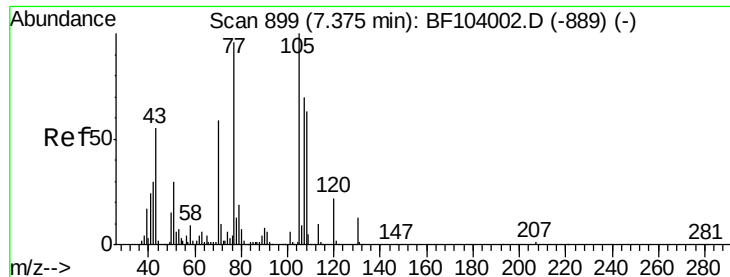


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

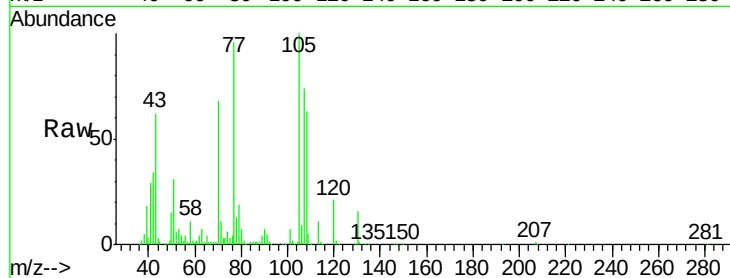




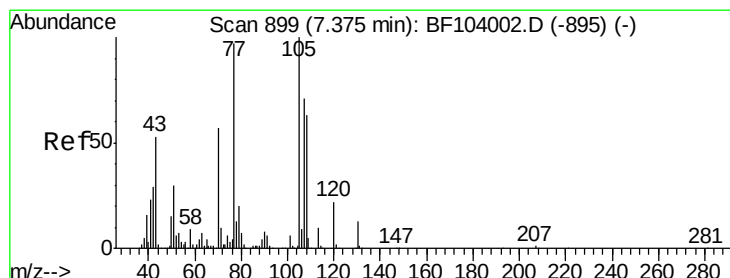
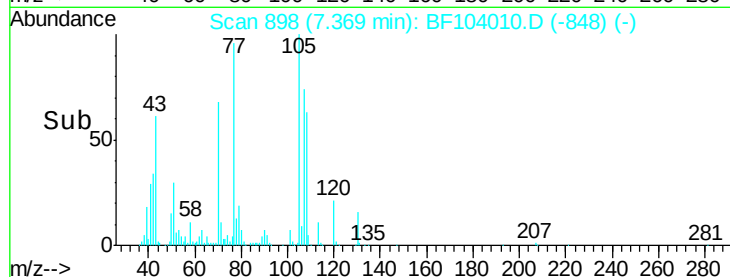
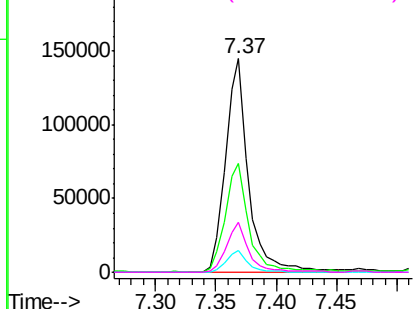
#19
n-Nitroso-di-n-propylamine
Concen: 34.575 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 191206
Ion Ratio Lower Upper
70 100
42 50.7 47.5 71.3
101 10.3 7.4 11.2
130 23.1 16.6 25.0

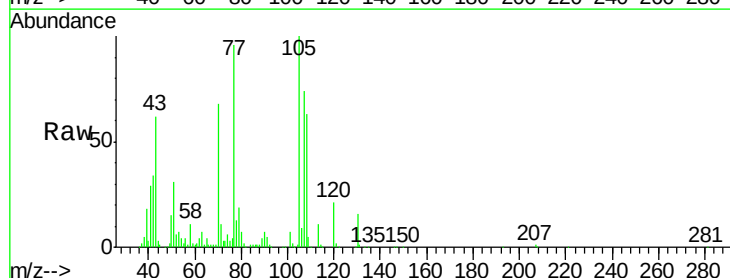


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

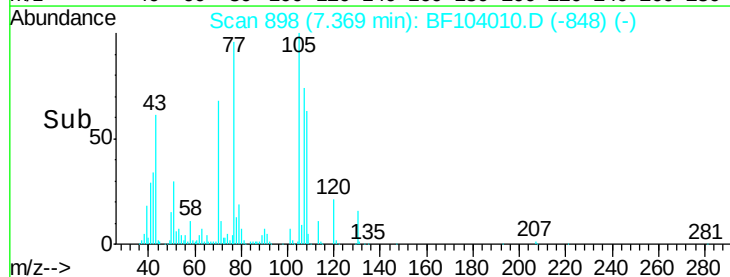
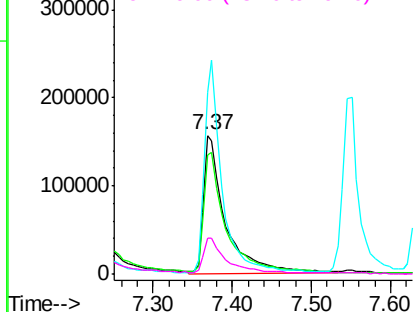


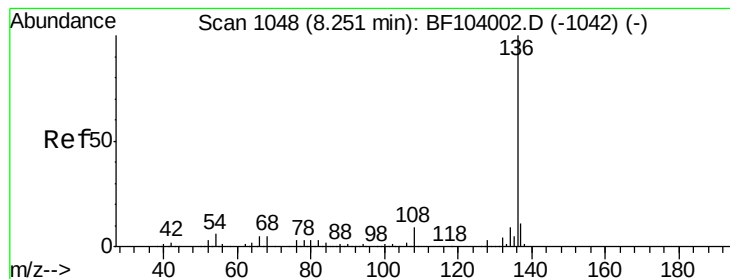
#20
3+4-Methylphenols
Concen: 35.465 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion: 107 Resp: 306071
Ion Ratio Lower Upper
107 100
108 85.5 68.2 108.2
77 131.0 26.7 66.7#
79 25.5 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521717

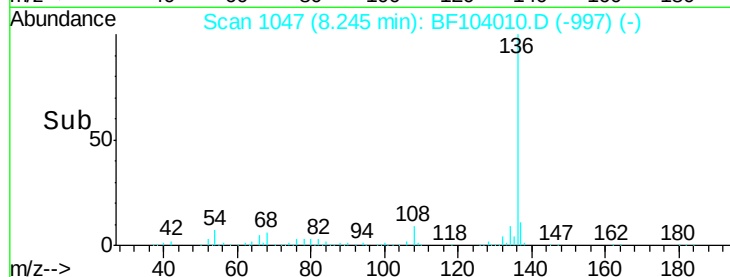
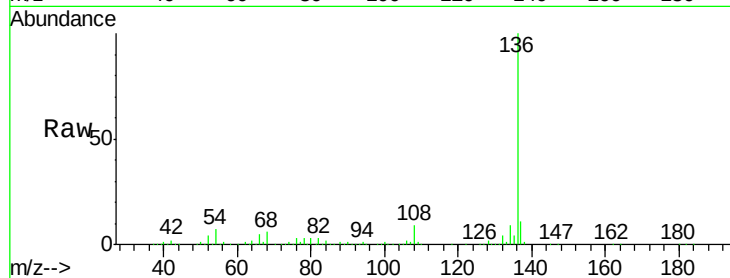
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

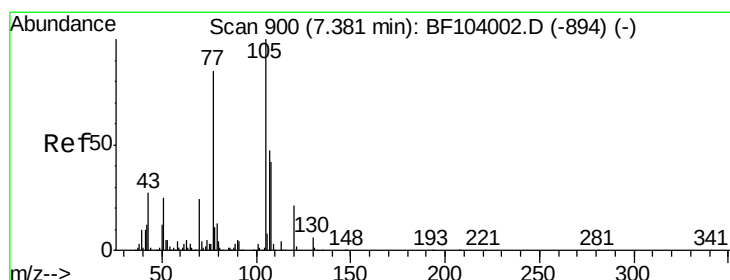
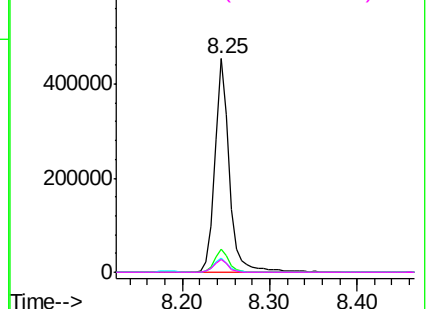


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.036 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:105 Resp: 404383

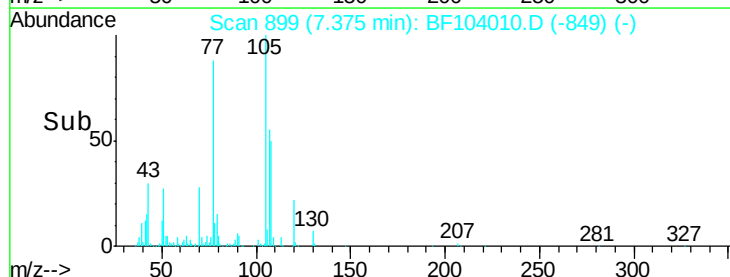
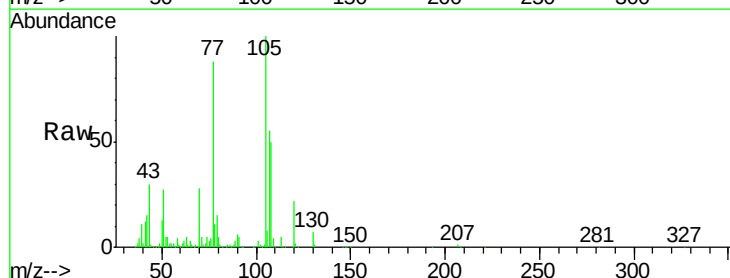
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 27.2 22.3 33.5

120 22.3 16.9 25.3

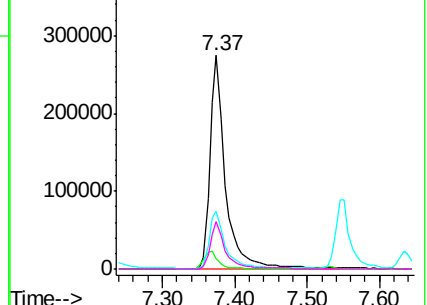


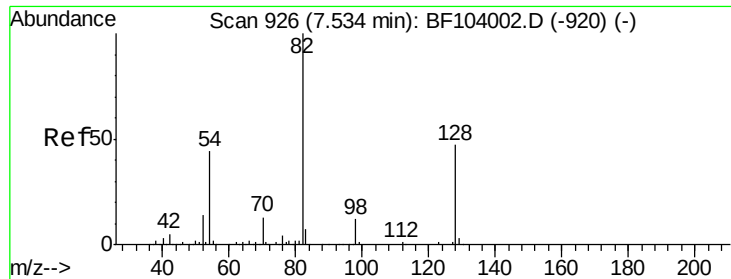
Abundance Ion 105.00 (104.70 to 105.70): E

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

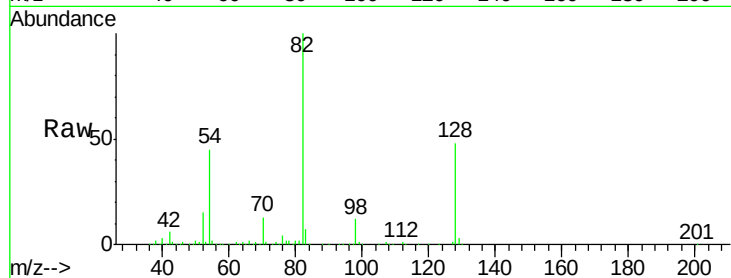




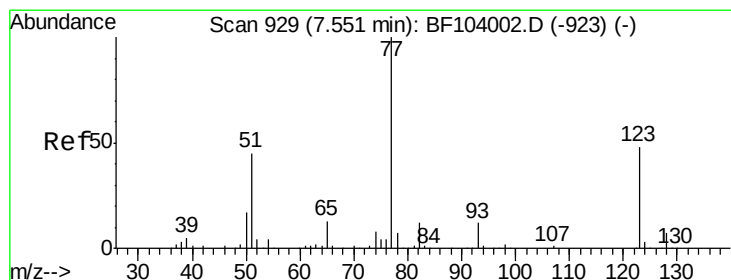
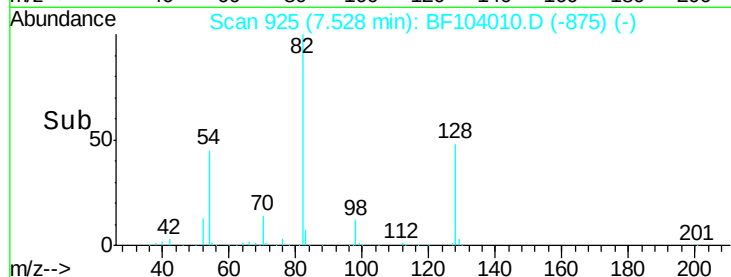
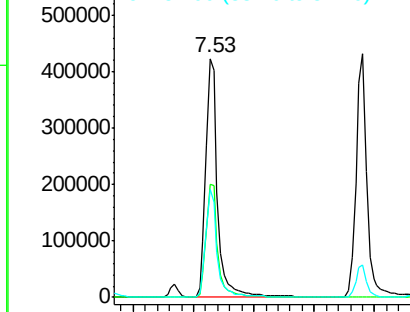
#23
Nitrobenzene-d5
Concen: 68.942 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleID :

Tot Ion	82	Resp	588147
Ion Ratio	Lower	Upper	
82	100		
128	47.5	36.1	54.1
54	45.4	41.4	62.2

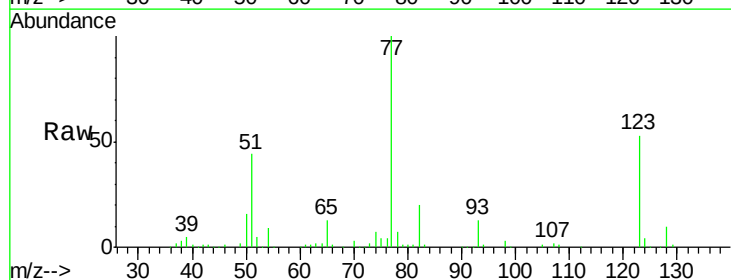


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

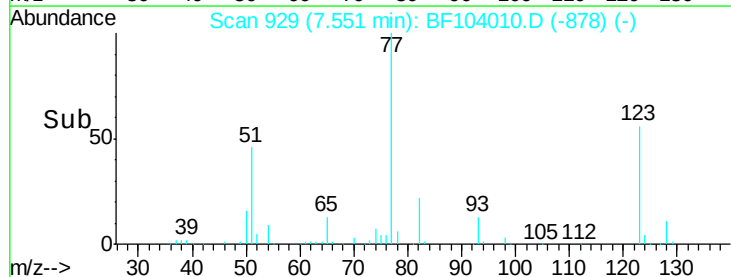
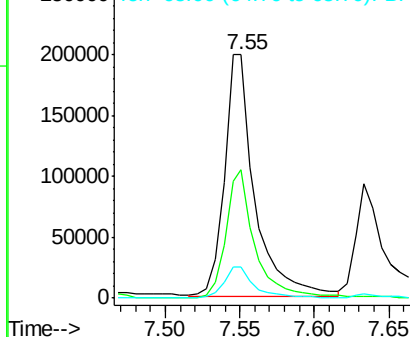


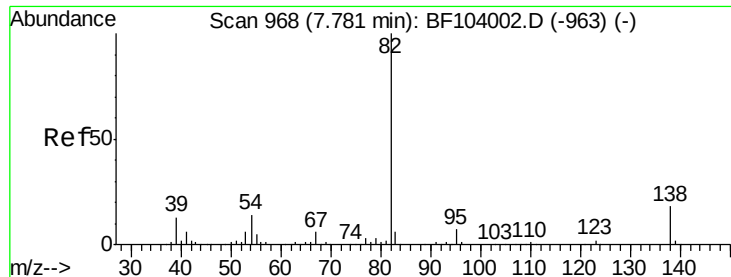
#24
Nitrobenzene
Concen: 31.652 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	77	Resp	284109
Ion Ratio	Lower	Upper	
77	100		
123	52.5	37.9	56.9
65	12.5	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: 33.700 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

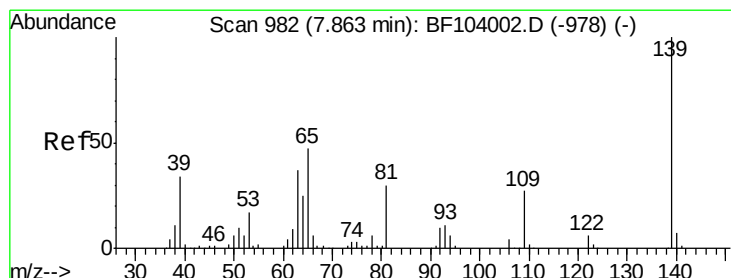
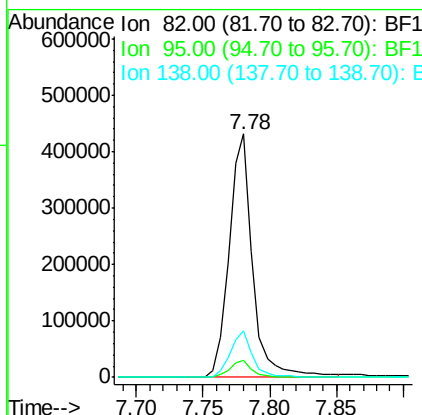
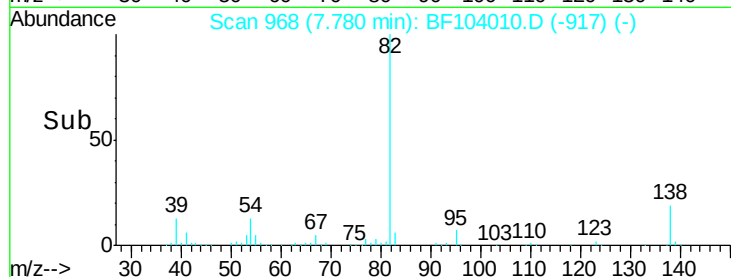
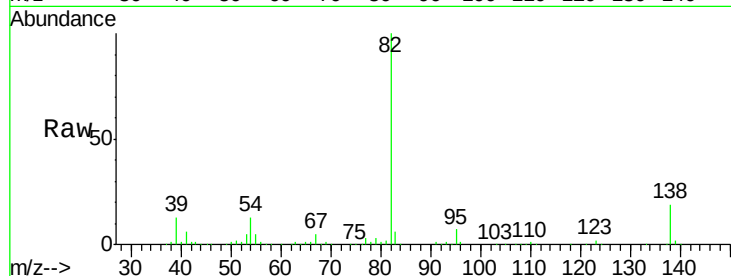
Tot Ion: 82 Resp: 529826

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 33.785 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

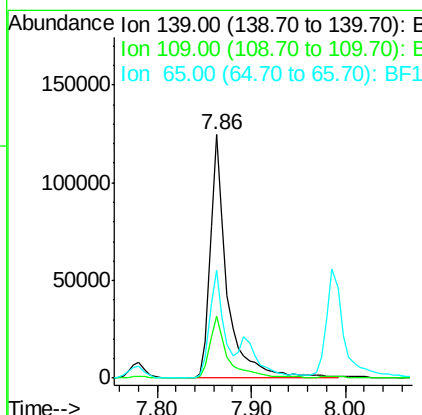
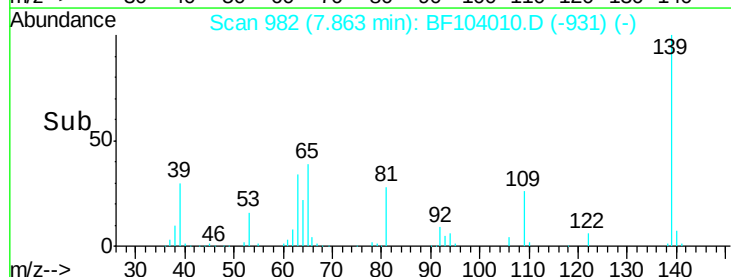
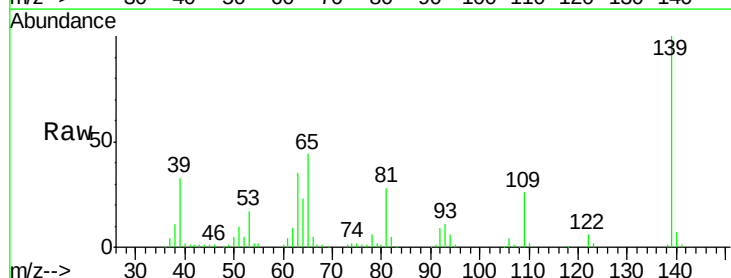
Tgt Ion: 139 Resp: 158294

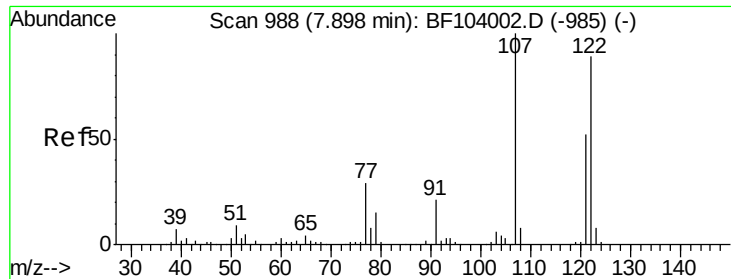
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 44.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.510 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

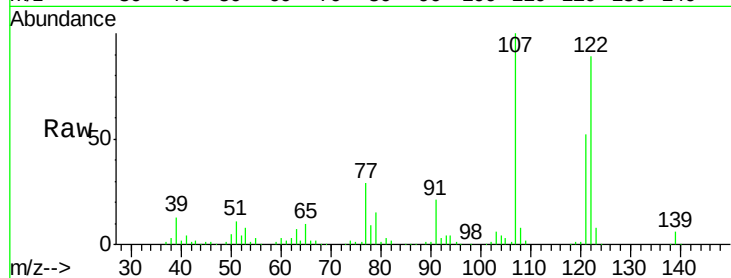
Tot Ion:122 Resp: 253464

Ion Ratio Lower Upper

122 100

107 112.0 91.2 136.8

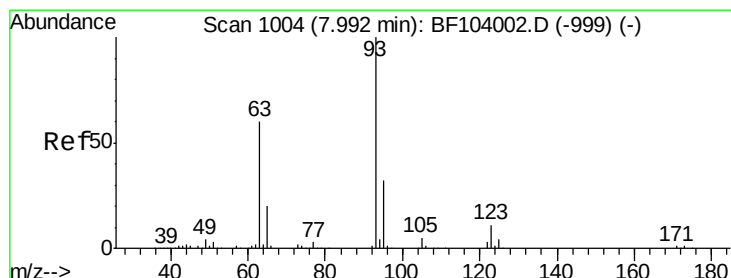
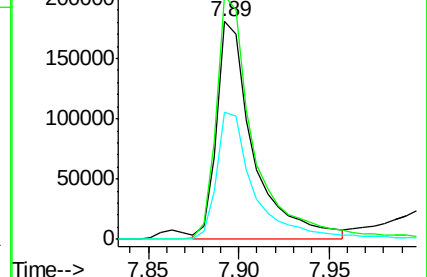
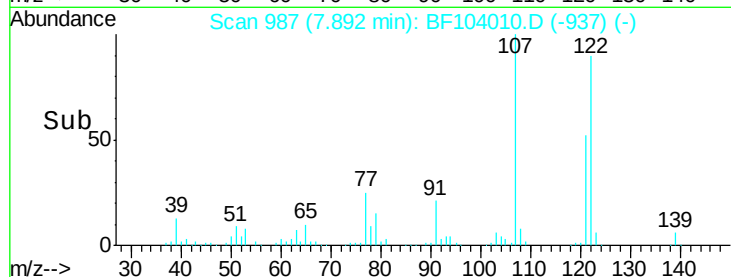
121 58.2 47.2 70.8



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: 34.989 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

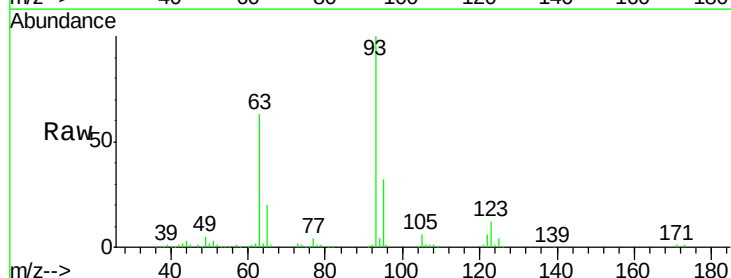
Tgt Ion: 93 Resp: 344765

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

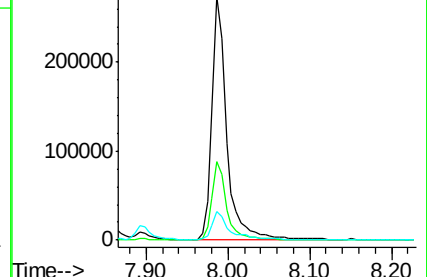
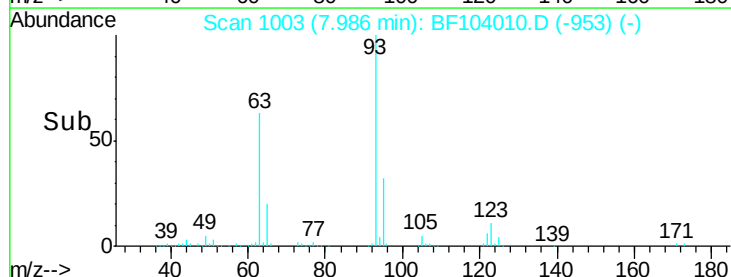
123 11.6 9.8 14.6

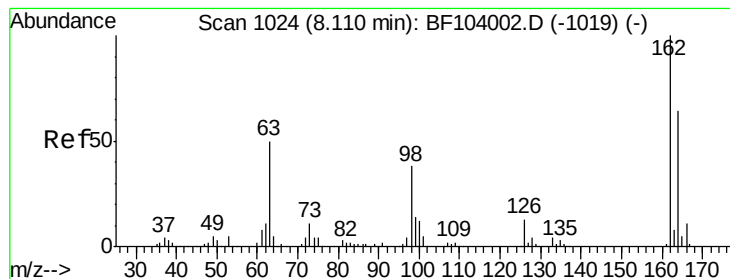


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.260 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

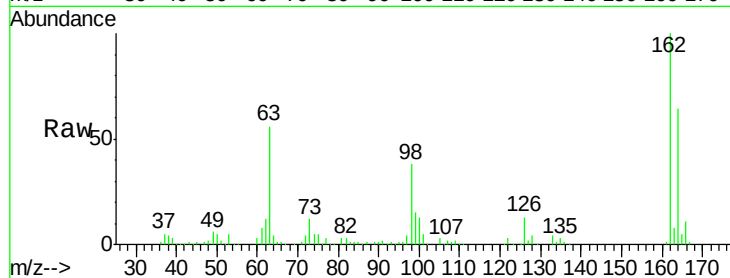
Tot Ion:162 Resp: 248866

Ion Ratio Lower Upper

162 100

164 64.4 42.7 82.7

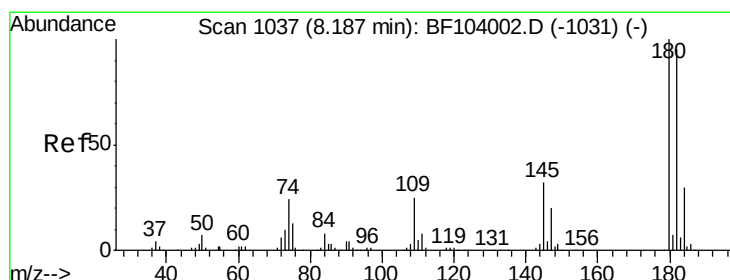
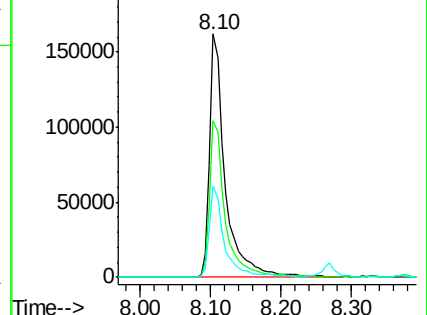
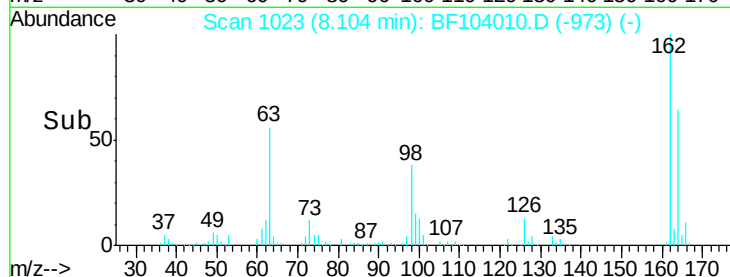
98 37.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 31.555 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

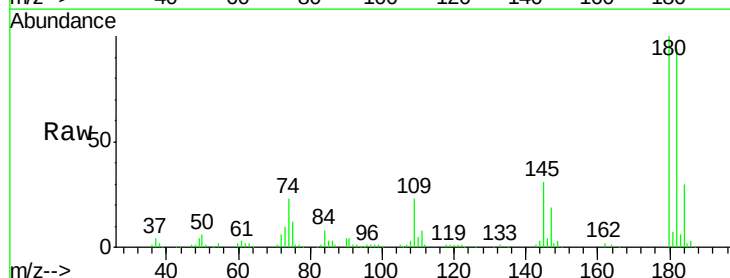
Tgt Ion:180 Resp: 252697

Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

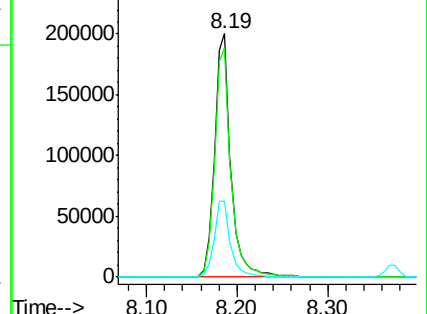
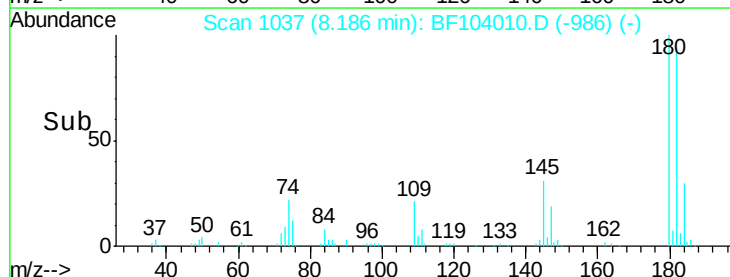
145 31.1 26.5 39.7

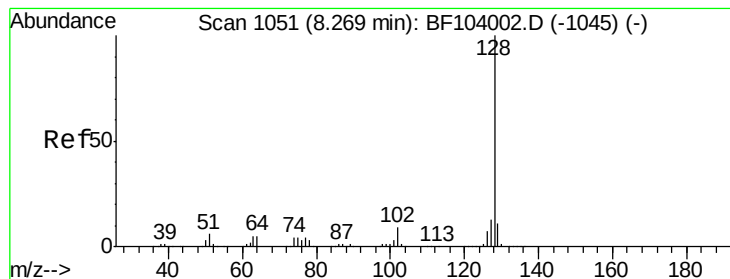


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.307 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

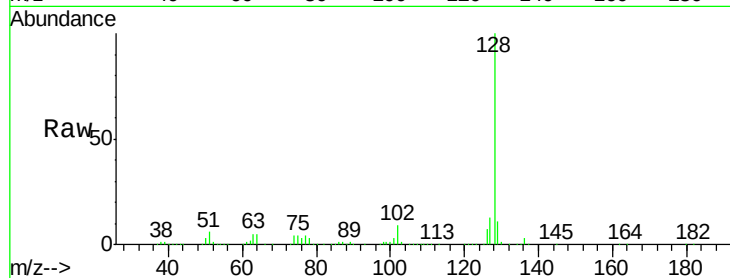
Tot Ion:128 Resp: 874393

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

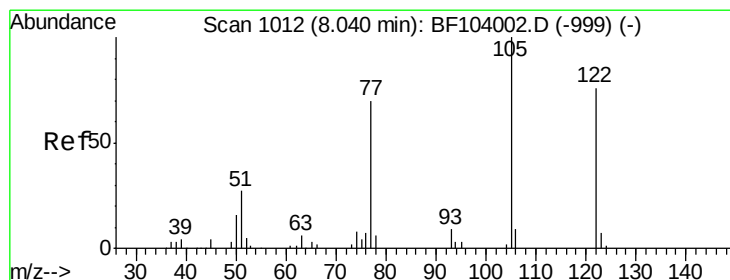
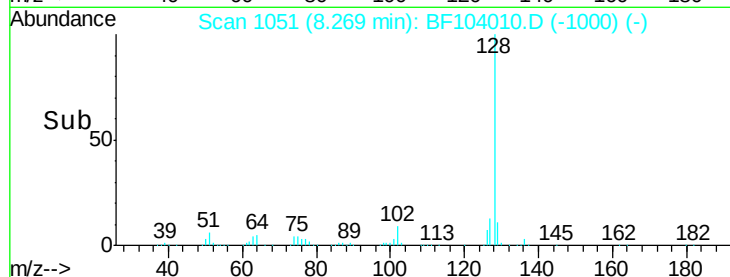
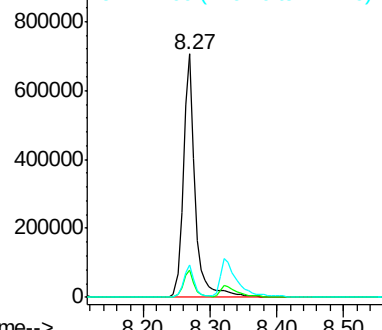
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.780 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

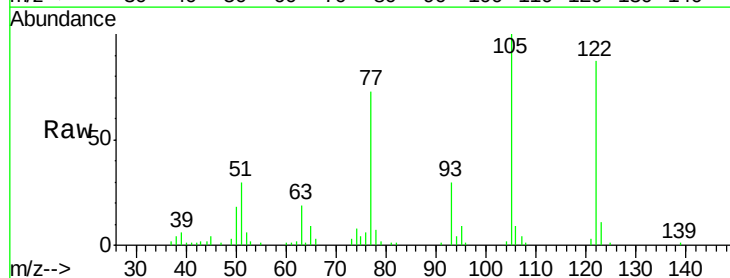
Tgt Ion:122 Resp: 132567

Ion Ratio Lower Upper

122 100

105 115.5 101.1 141.1

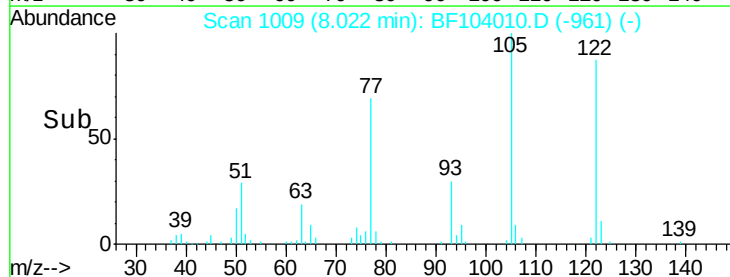
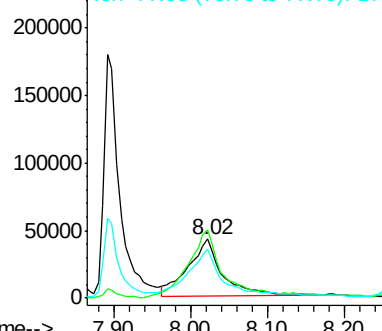
77 83.9 70.7 110.7

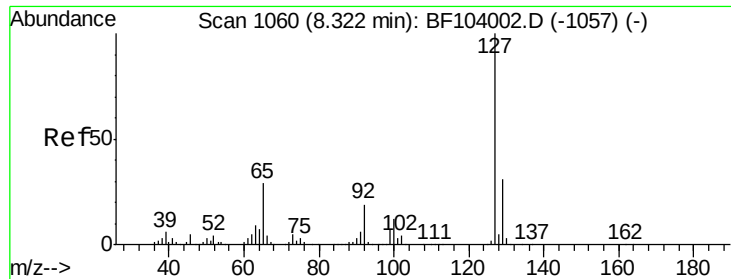


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

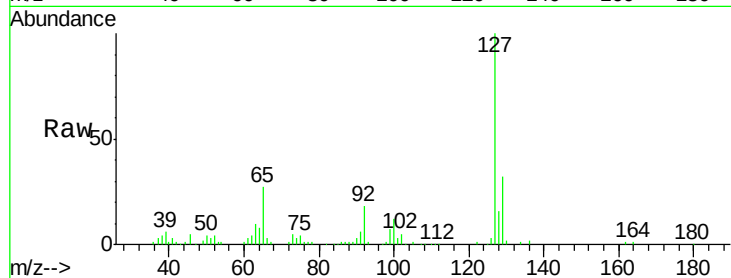




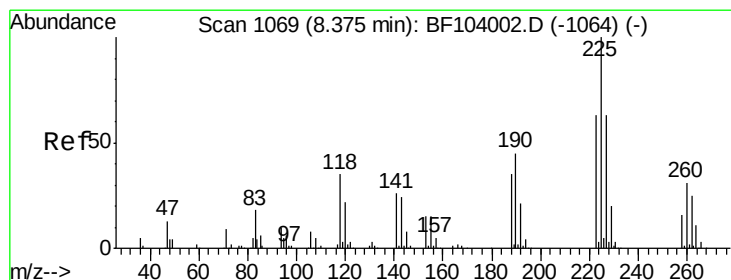
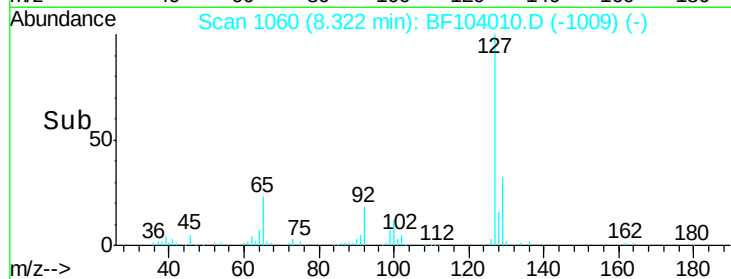
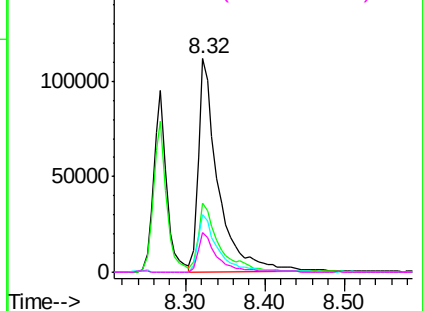
#33
4-Chloroaniline
Concen: 18.262 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	196230
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.3	25.0	37.4
92	18.4	15.2	22.8

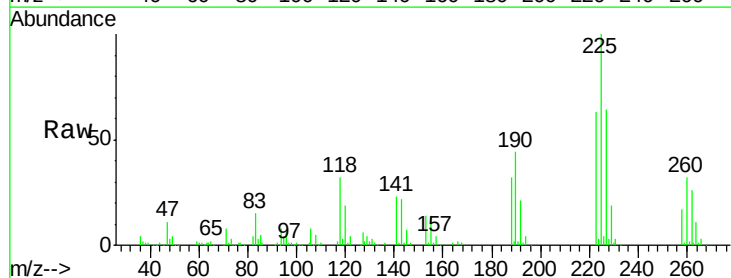


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

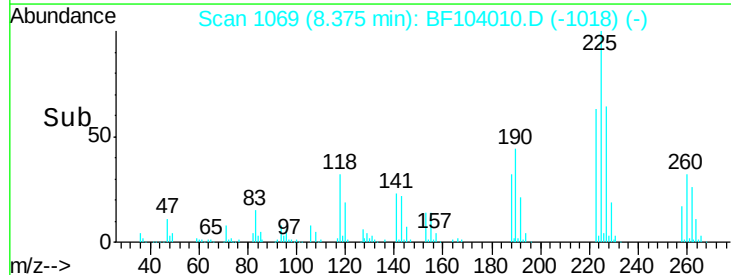
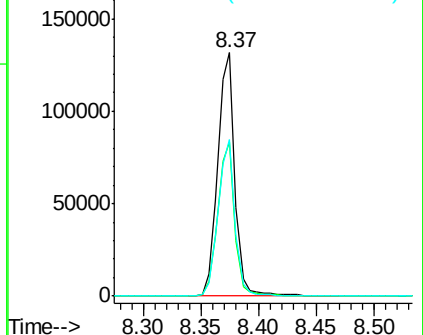


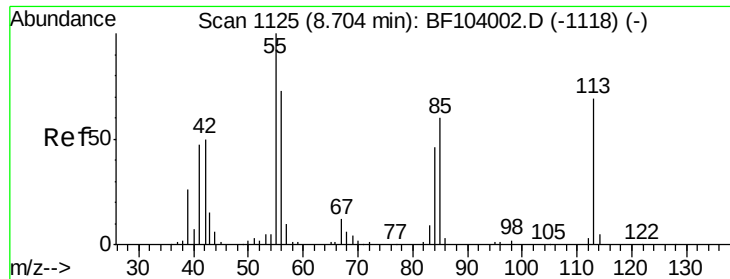
#34
Hexachlorobutadiene
Concen: 31.107 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion:	225	Resp:	135557
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.5	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: 34.291 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

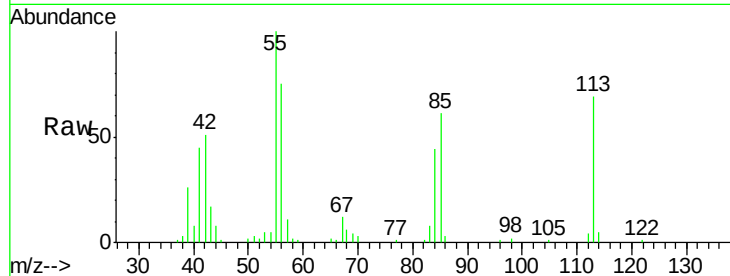
Tot Ion:113 Resp: 76741

Ion Ratio Lower Upper

113 100

55 144.1 163.3 203.3#

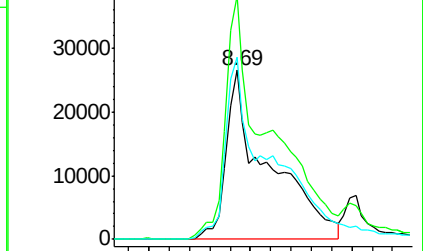
56 107.6 115.7 155.7#



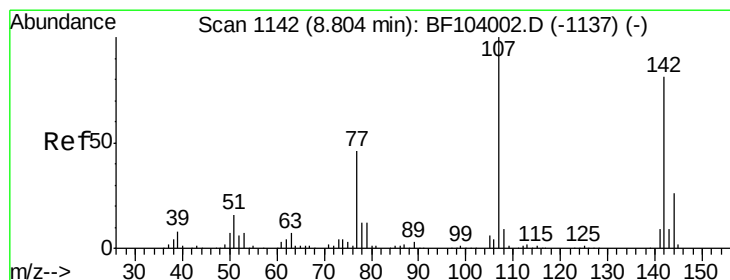
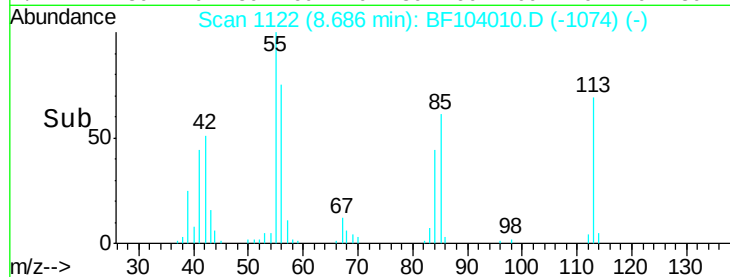
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 36.103 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

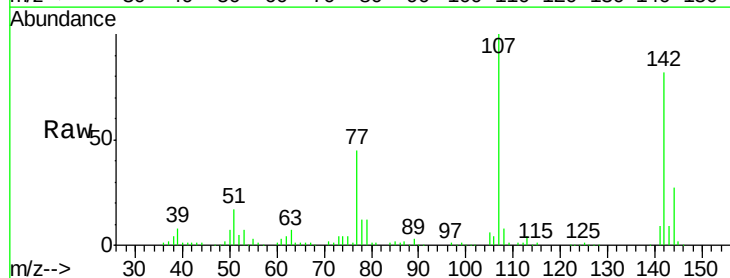
Tgt Ion:107 Resp: 269525

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

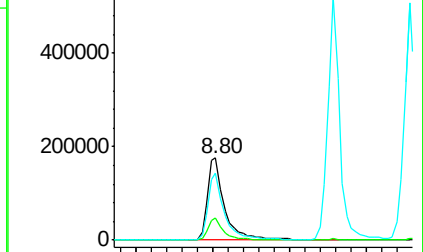
142 82.2 62.0 93.0



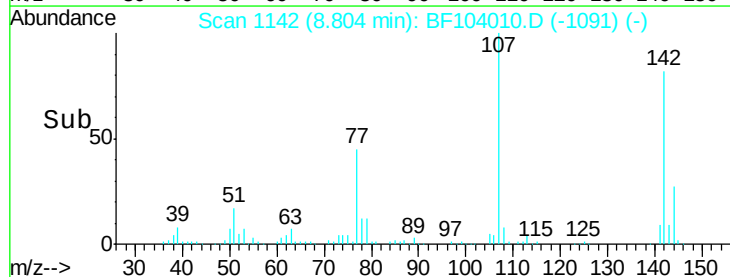
Abundance Ion 107.00 (106.70 to 107.70): E

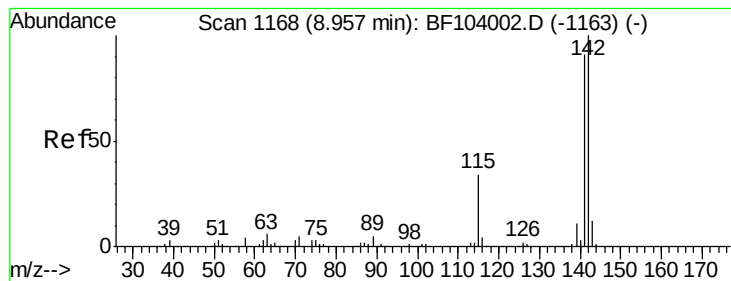
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 33.749 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

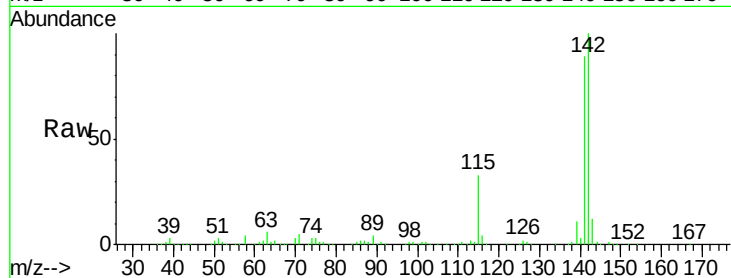
Tot Ion:142 Resp: 566606

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

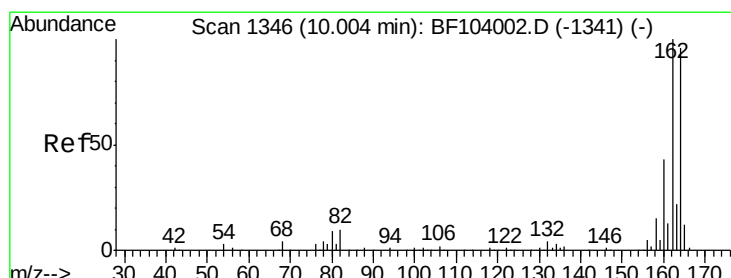
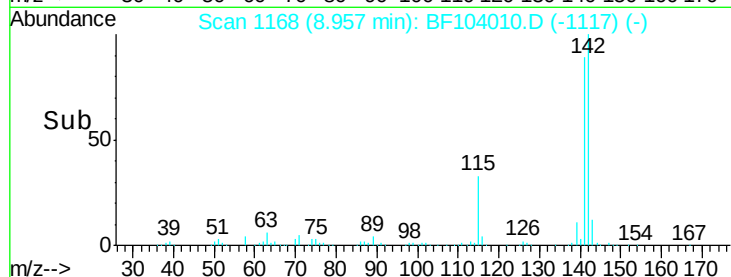
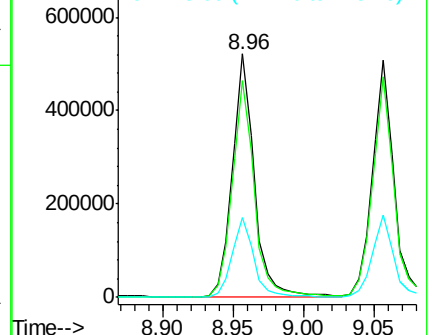
115 32.8 26.1 39.1



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: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

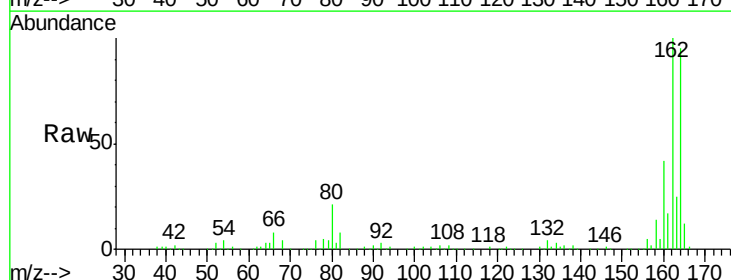
Tgt Ion:164 Resp: 256245

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

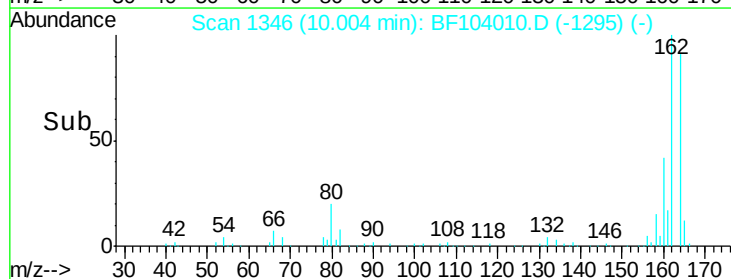
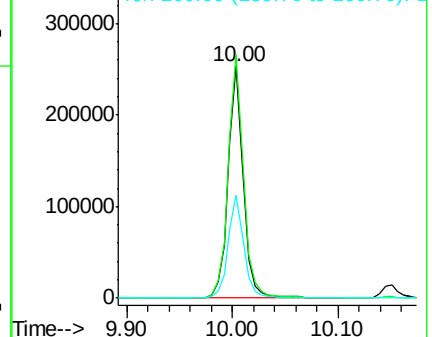
160 44.3 38.3 57.5

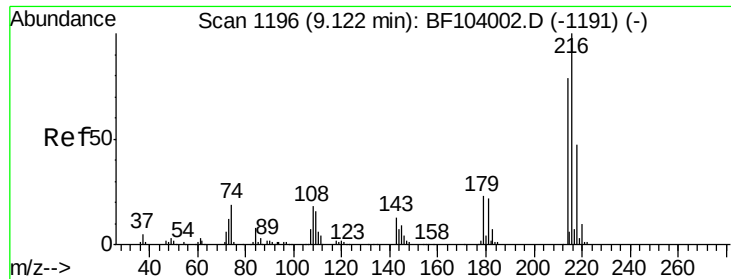


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

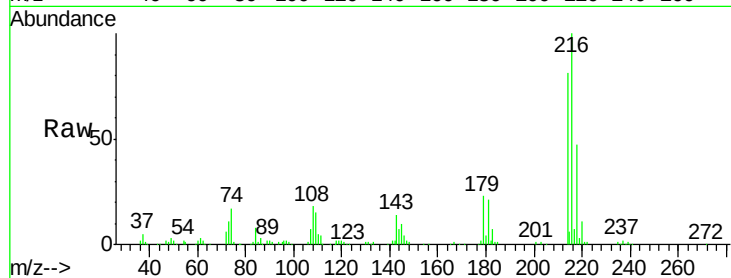




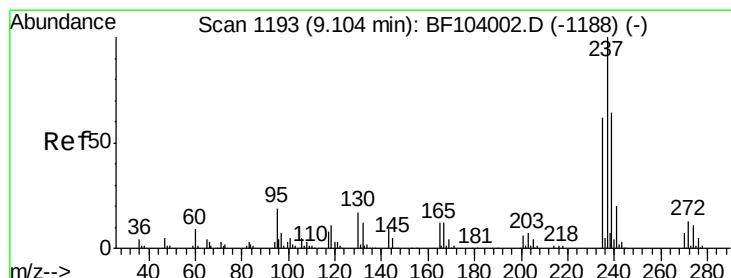
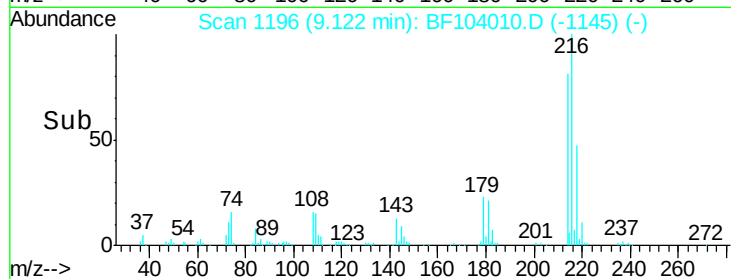
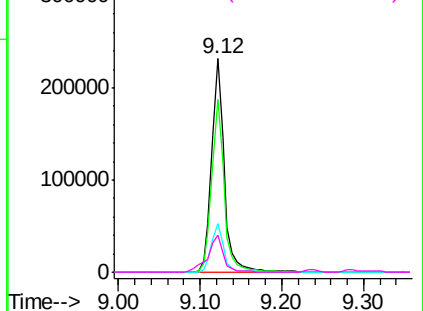
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.677 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	248913
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.0 94.4
179	22.3	18.1 27.1
108	21.2	17.2 25.8

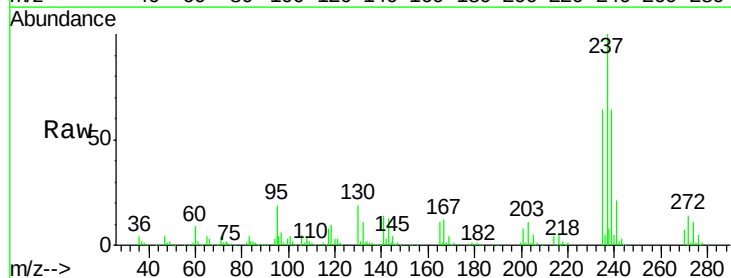


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

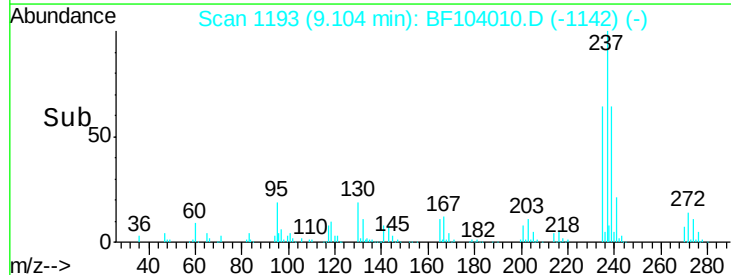
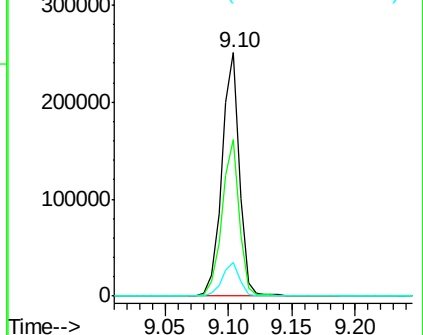


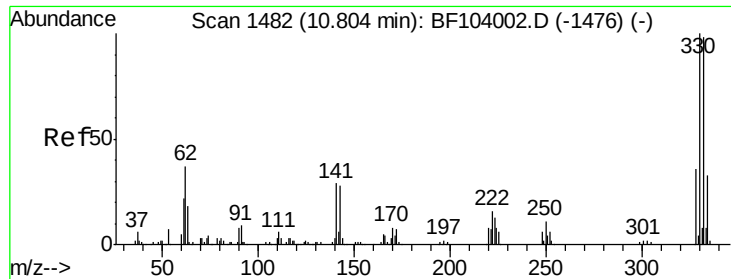
#40
 Hexachlorocyclopentadiene
 Concen: 66.509 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion:237	Resp:	242394
Ion Ratio	Lower	Upper
237	100	
235	64.4	44.8 84.8
272	14.0	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

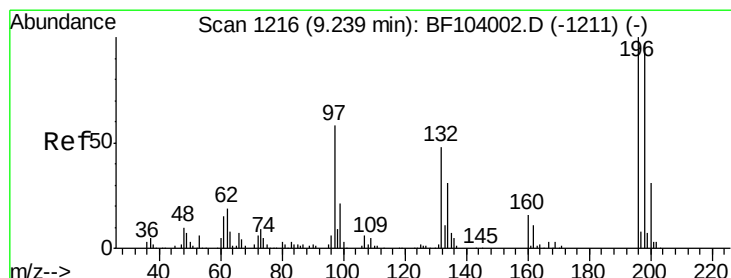
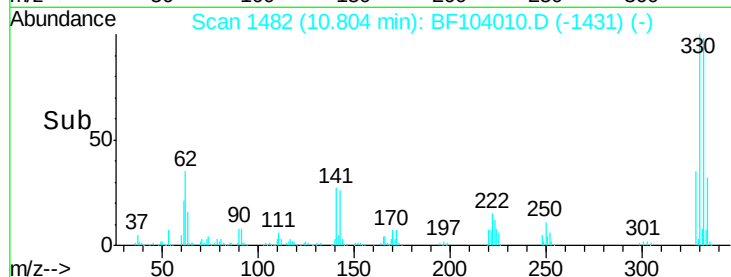
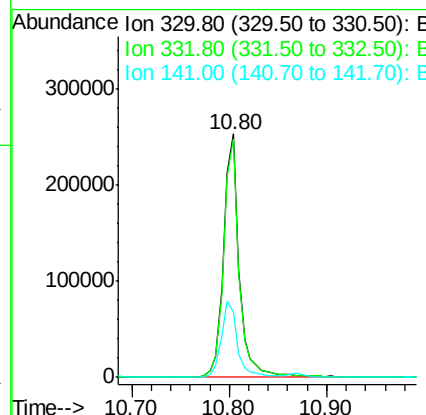
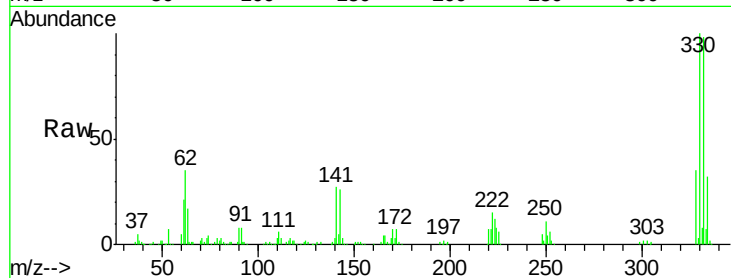




#41
 2,4,6-Tribromophenol
 Concen: 99.865 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

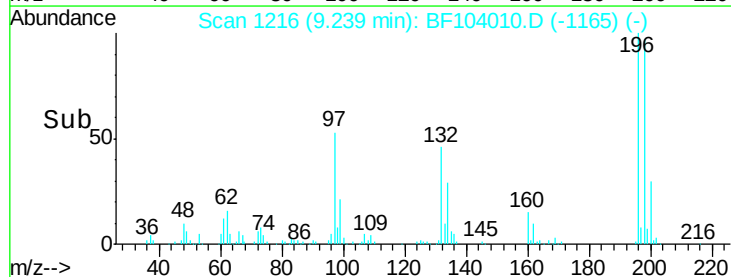
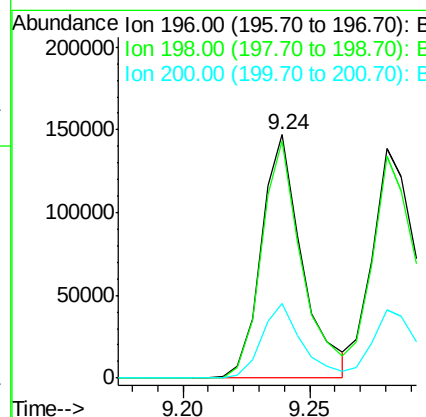
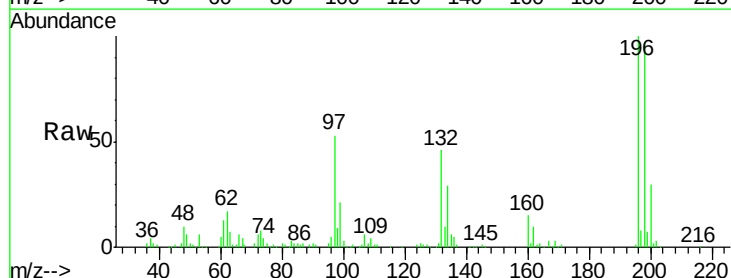
Instrument :
 BNA_F
 ClientSampleId :

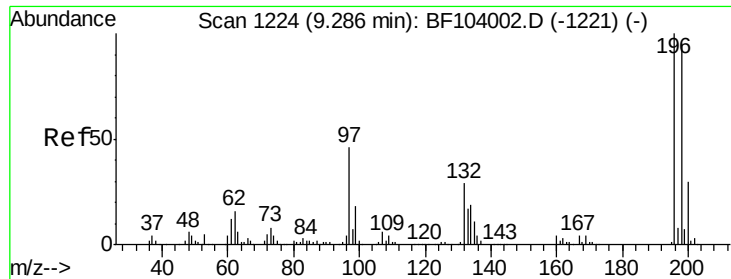
Tot Ion	330	Resp	284943
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	97.9		
141	31.8		
	29.9		



#42
 2,4,6-Trichlorophenol
 Concen: 33.351 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	196	Resp	165945
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	97.4		
200	30.4		
	24.5		

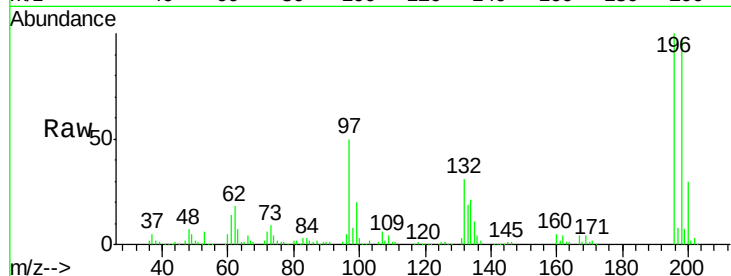




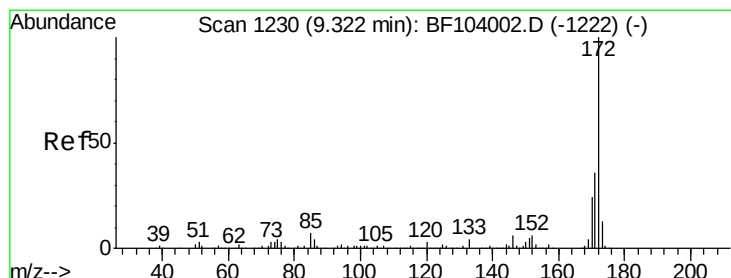
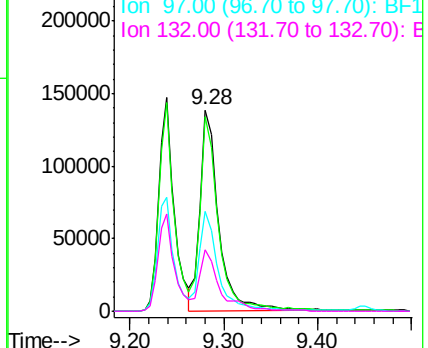
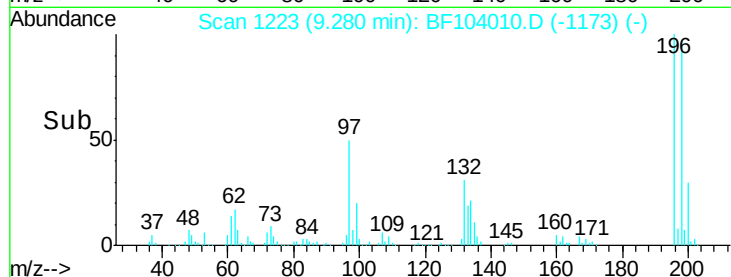
#43
 2,4,5-Trichlorophenol
 Concen: 31.784 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 190950
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 49.9 42.9 64.3
 132 30.7 26.3 39.5

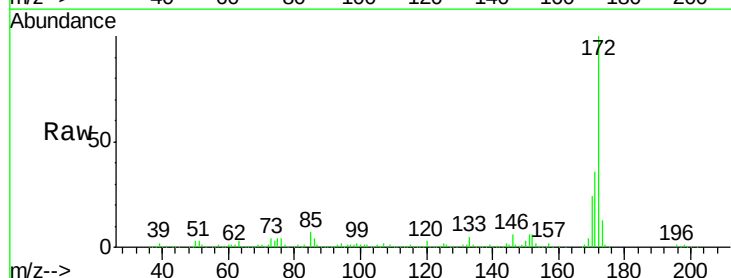


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

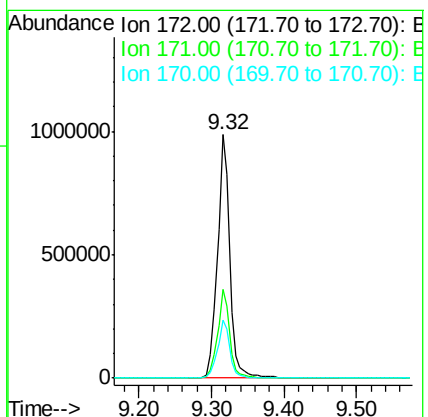
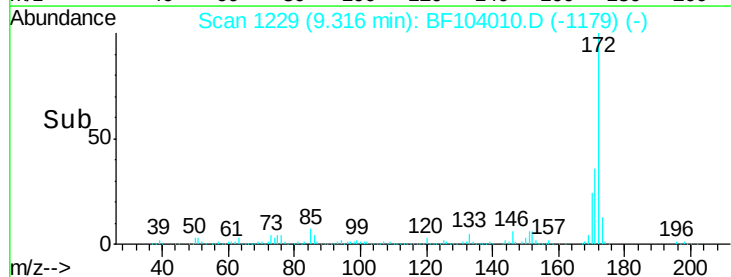


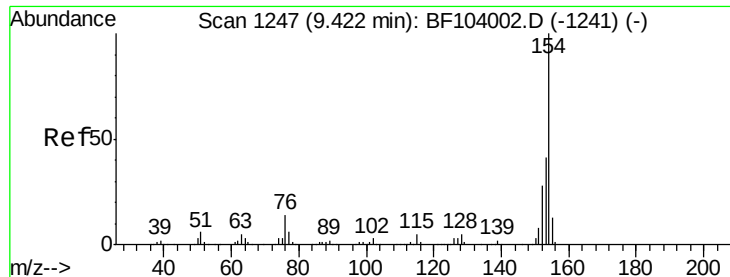
#44
 2-Fluorobiphenyl
 Concen: 72.072 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion:172 Resp: 1171148
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.8 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 31.558 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

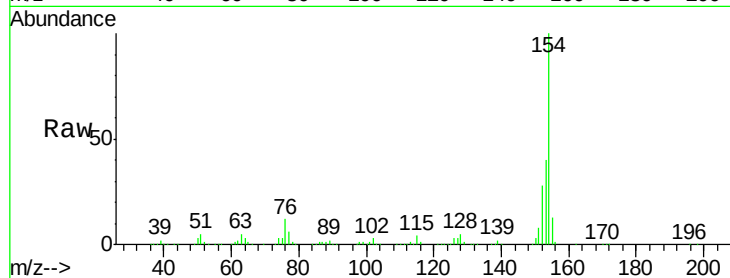
Tot Ion:154 Resp: 694052

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

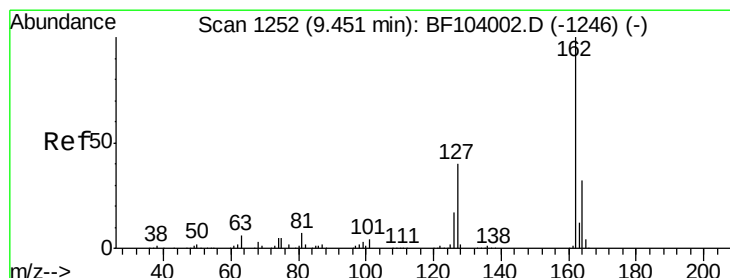
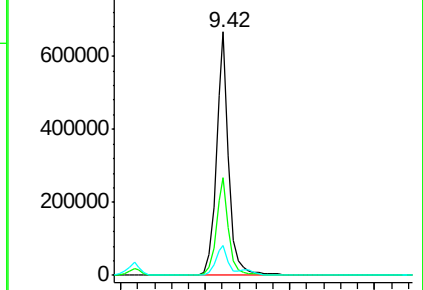
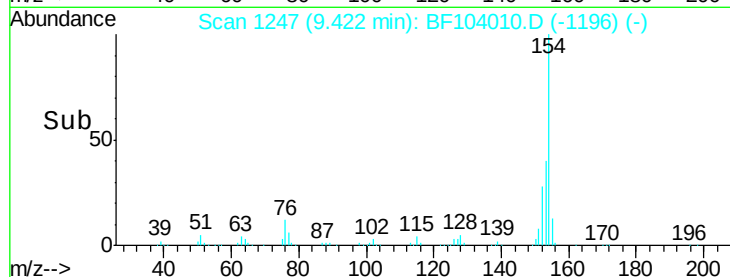
76 12.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 31.202 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

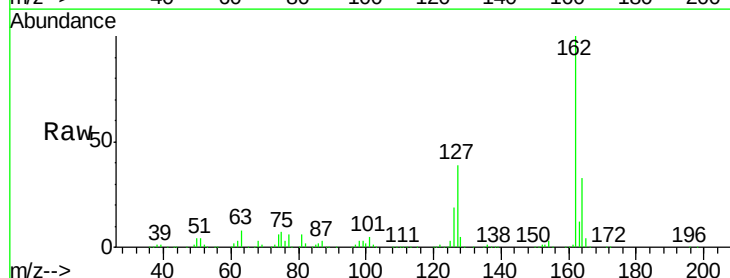
Tgt Ion:162 Resp: 541303

Ion Ratio Lower Upper

162 100

127 39.4 33.9 50.9

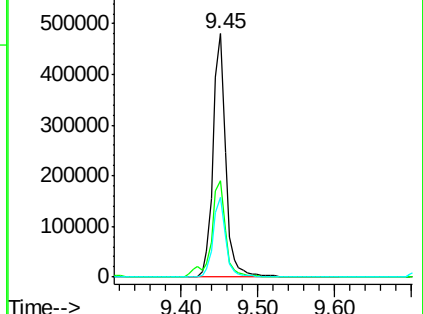
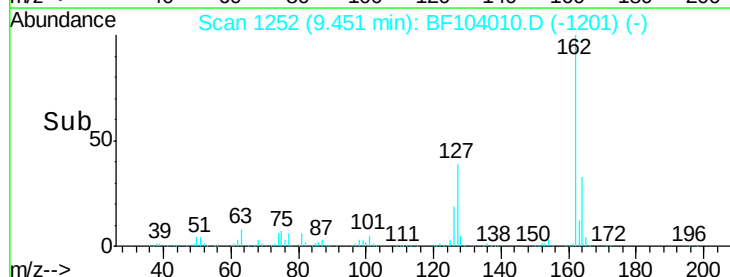
164 33.0 26.5 39.7

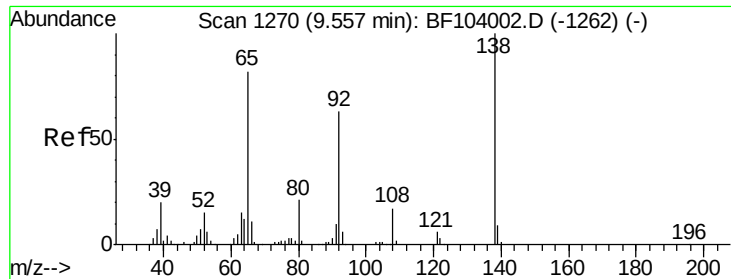


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

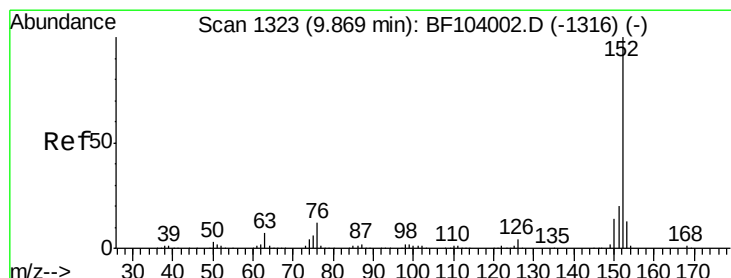
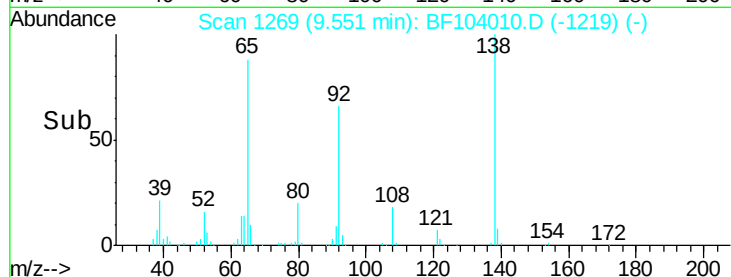
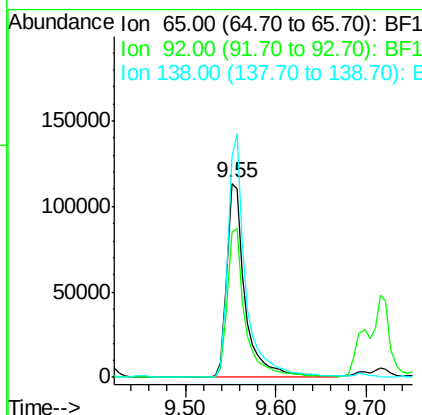
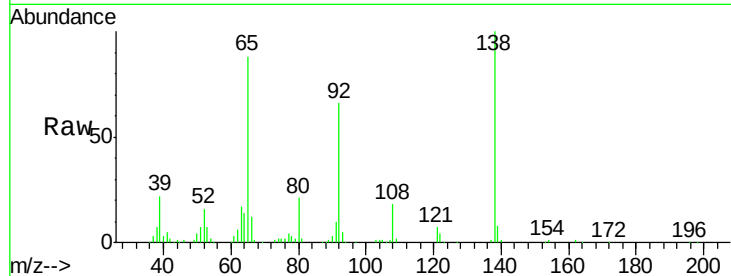




#47
 2-Nitroaniline
 Concen: 32.269 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

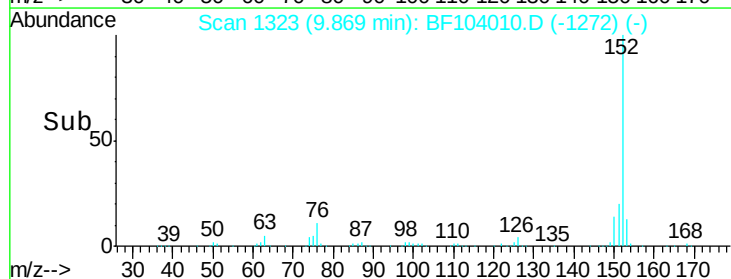
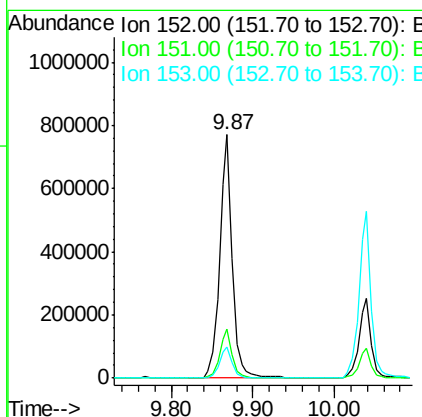
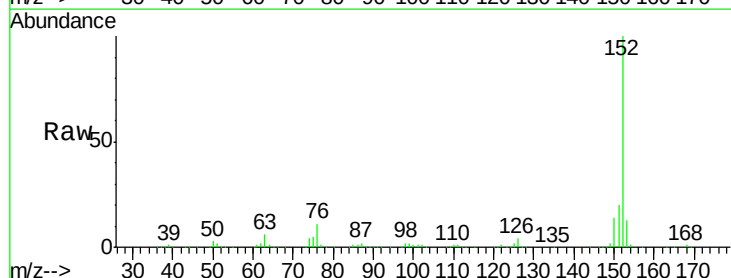
Instrument :
 BNA_F
 ClientSampleId :

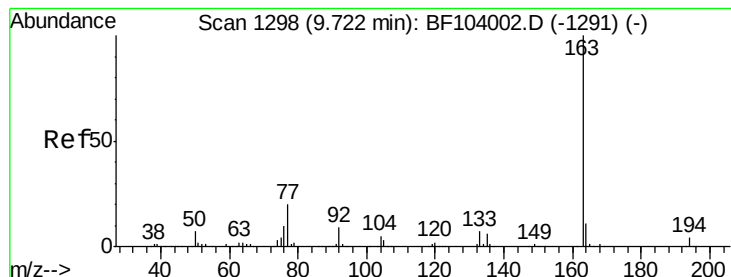
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	55.8	83.6
138	113.3	91.2	136.8



#48
 Acenaphthylene
 Concen: 31.616 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 31.843 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

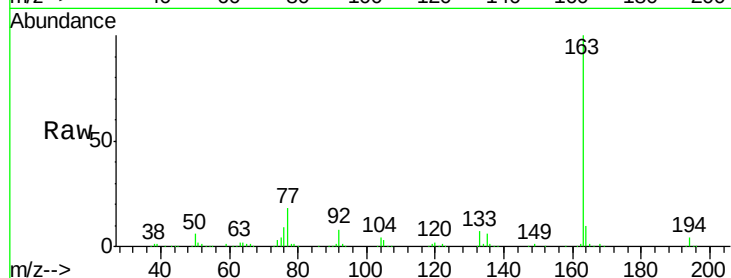
Tot Ion:163 Resp: 644233

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

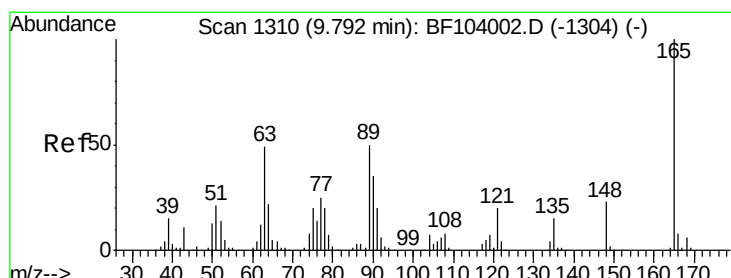
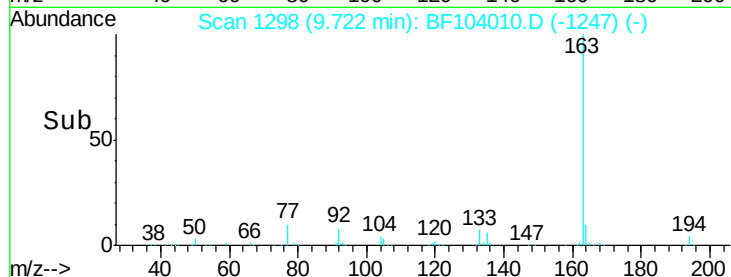
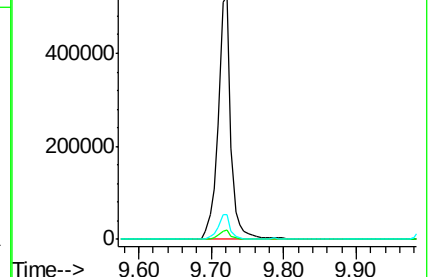
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.436 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

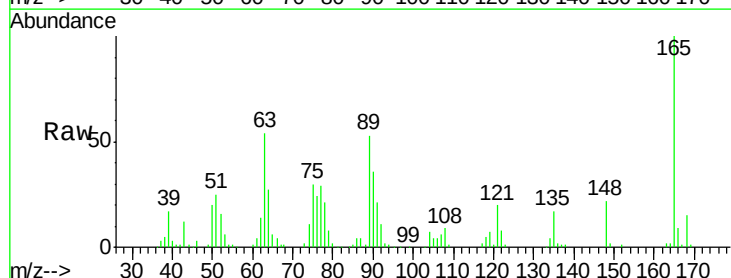
Tgt Ion:165 Resp: 145532

Ion Ratio Lower Upper

165 100

63 53.8 44.7 67.1

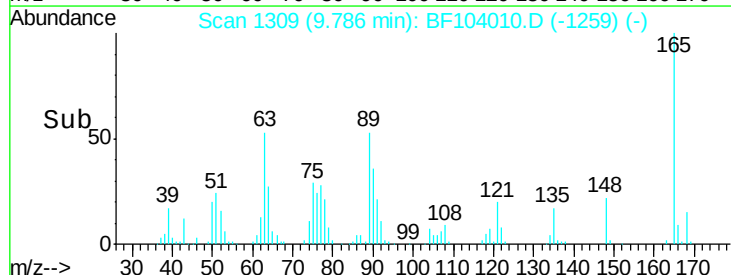
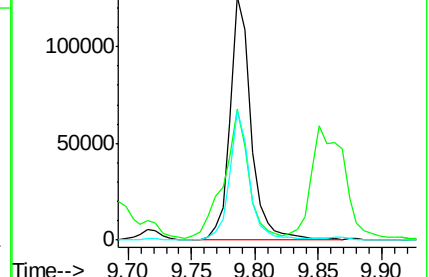
89 53.0 44.0 66.0

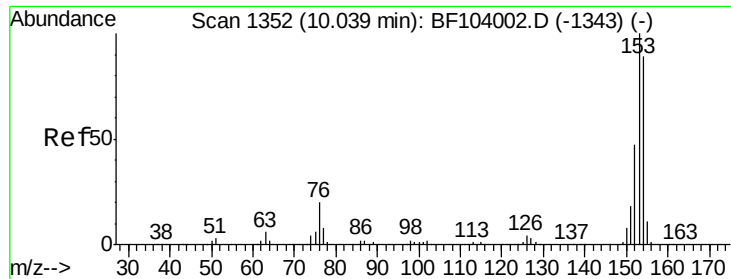


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.061 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

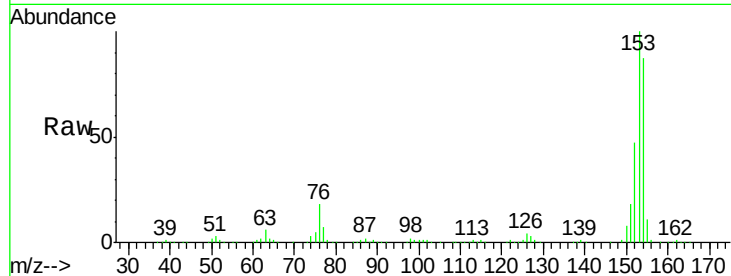
Tot Ion:154 Resp: 472242

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

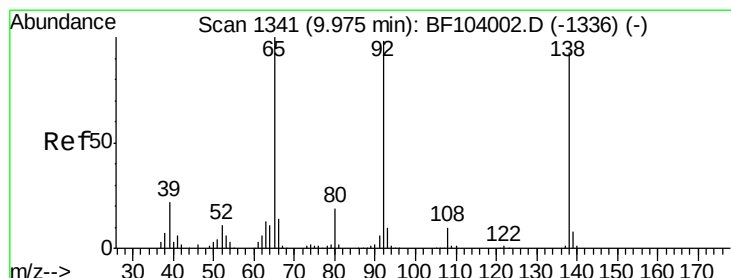
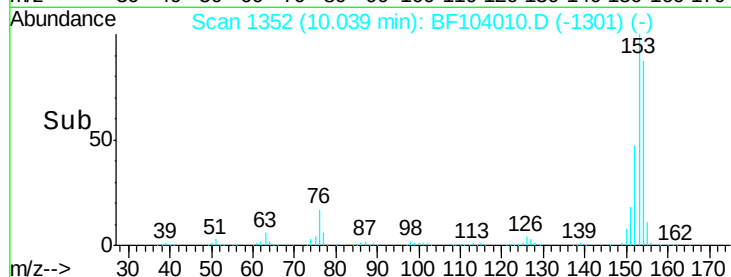
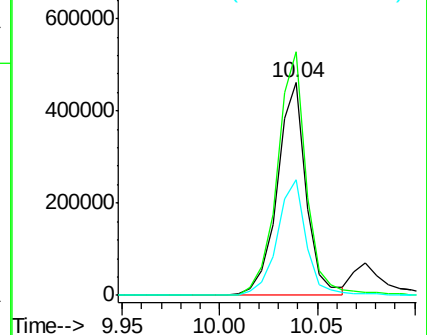
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.710 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

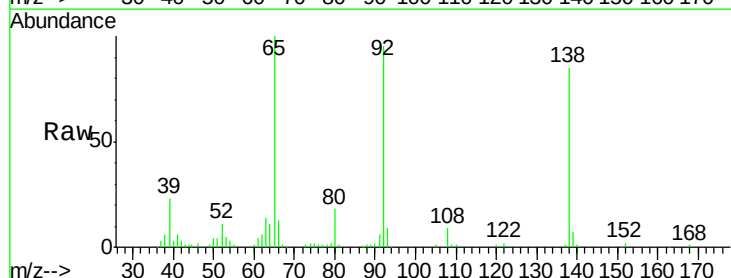
Tgt Ion:138 Resp: 103620

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

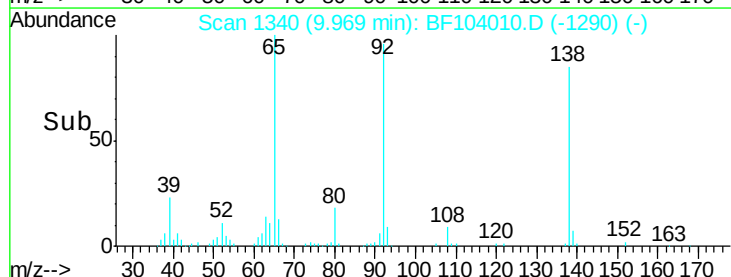
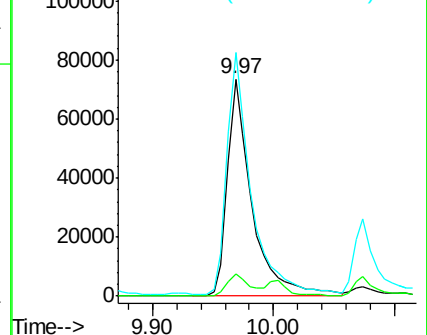
92 112.2 89.4 134.2

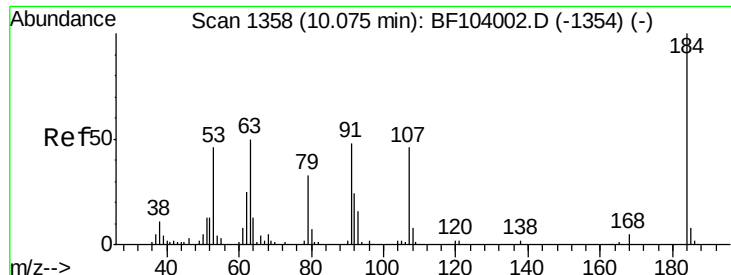


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

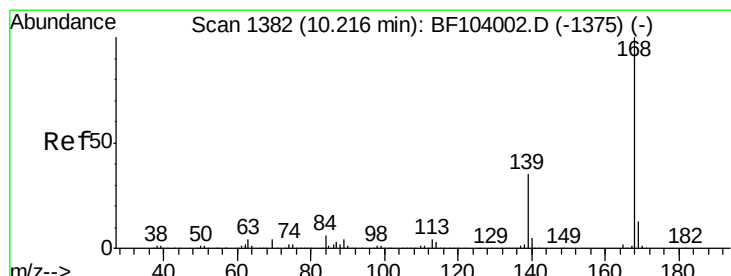
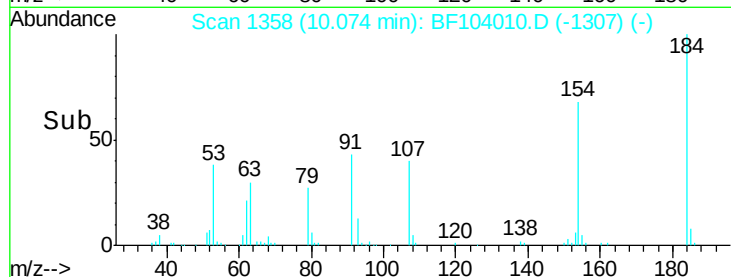
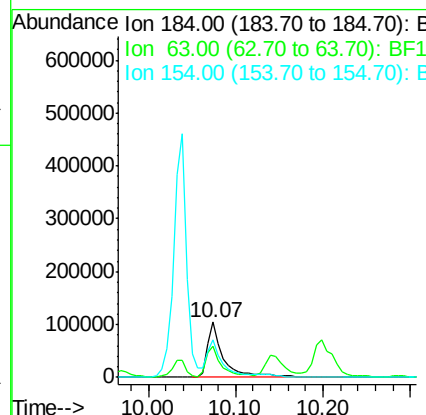
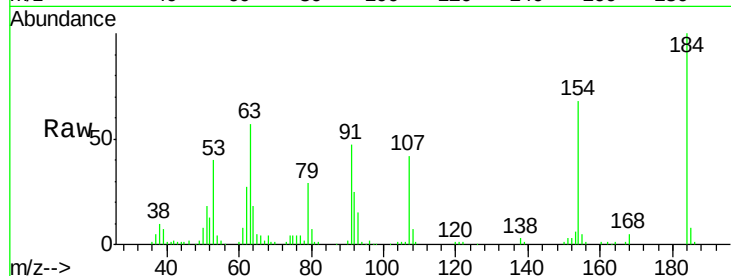




#53
 2,4-Dinitrophenol
 Concen: 71.640 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

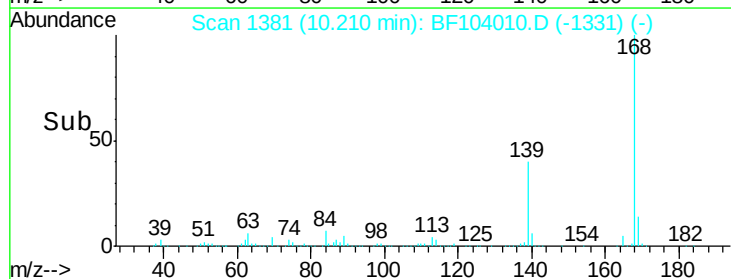
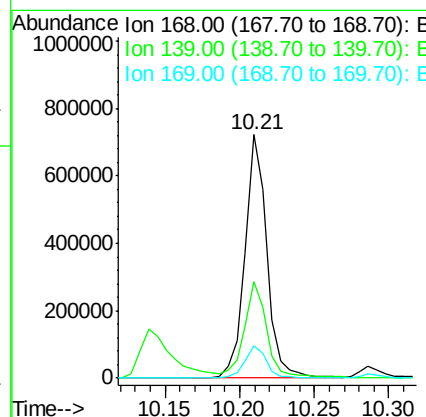
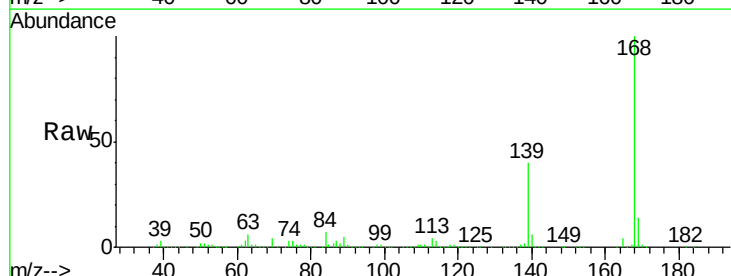
Instrument :
 BNA_F
 ClientSampleId :

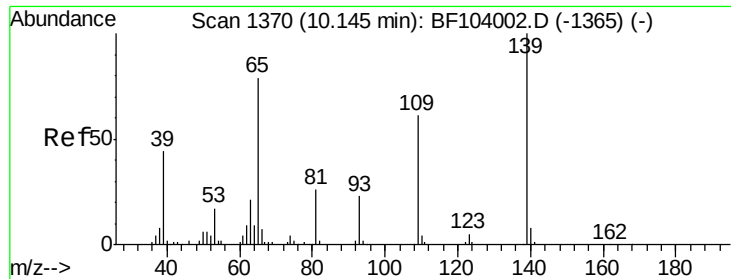
Tot Ion:184 Resp: 134940
 Ion Ratio Lower Upper
 184 100
 63 56.6 54.2 81.2
 154 67.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.267 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion:168 Resp: 738599
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.6 10.9 16.3

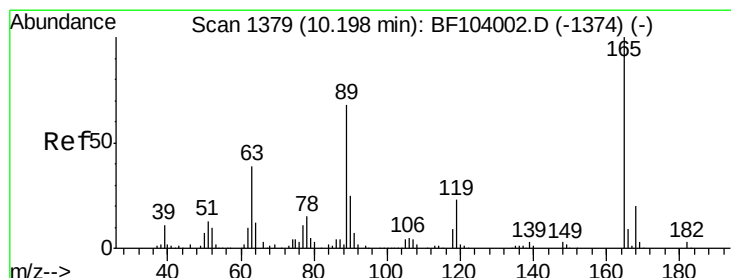
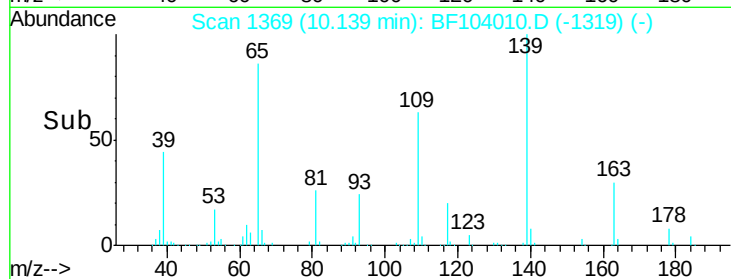
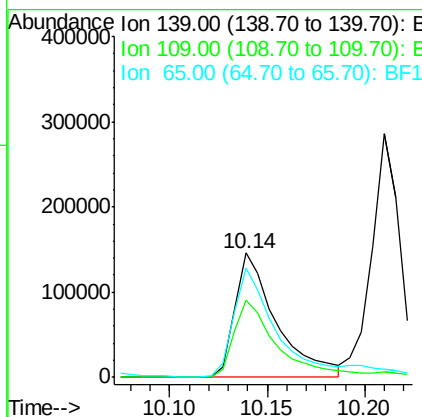
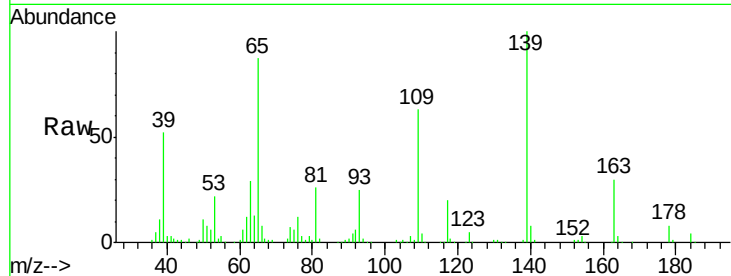




#55
4-Nitrophenol
Concen: 71.499 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

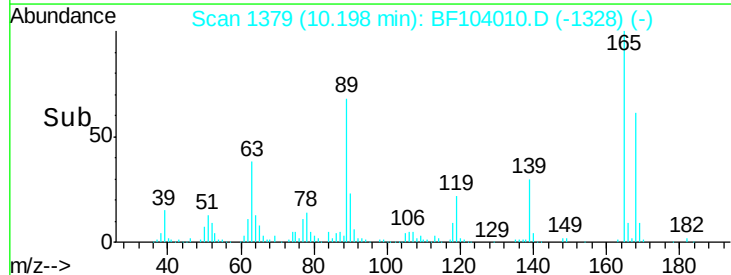
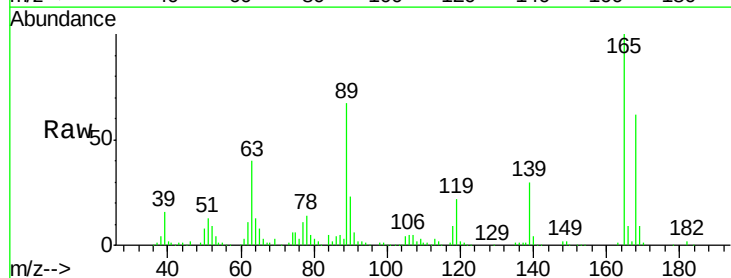
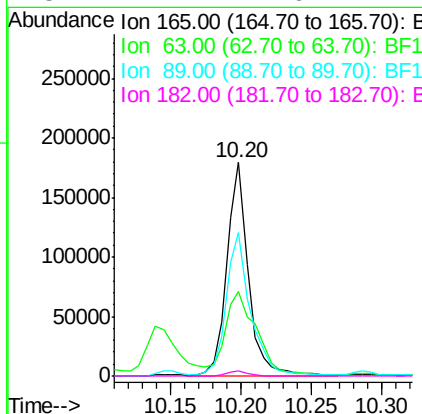
Instrument :
BNA_F
ClientSampled :

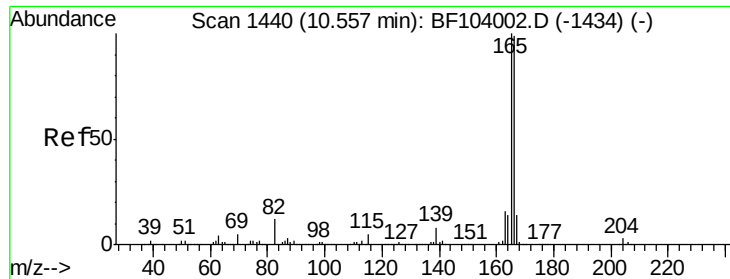
Tot Ion	Ratio	Lower	Upper
139	100		
109	62.6	48.4	88.4
65	87.5	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 33.957 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.7	36.4	54.6
89	67.4	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 32.525 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

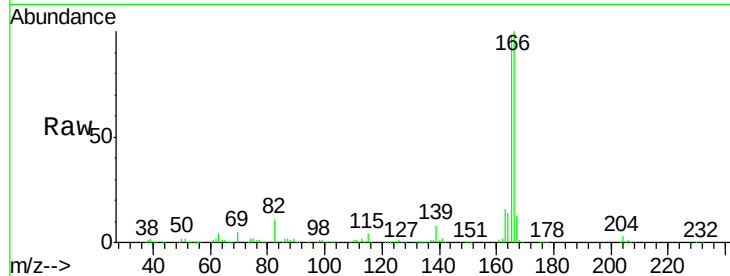
Tot Ion:166 Resp: 595682

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

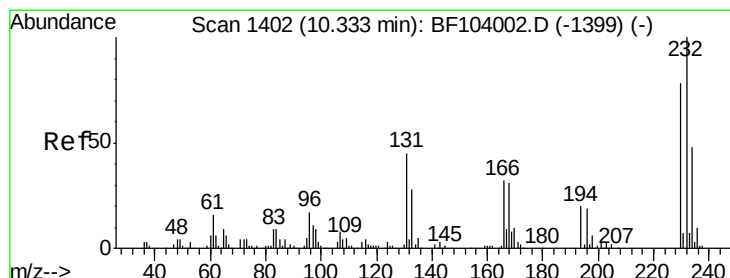
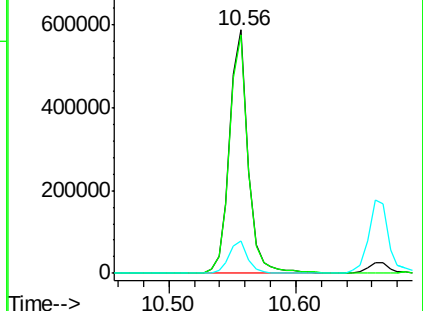
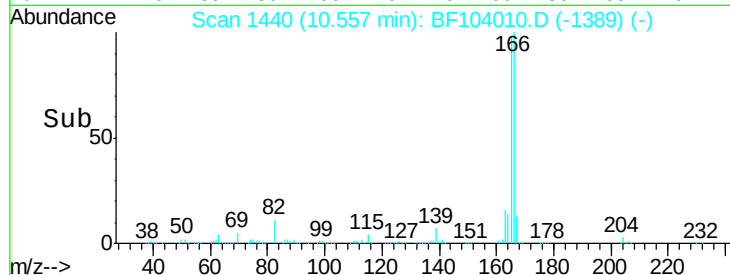
167 13.3 10.6 16.0



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: 36.003 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:232 Resp: 162055

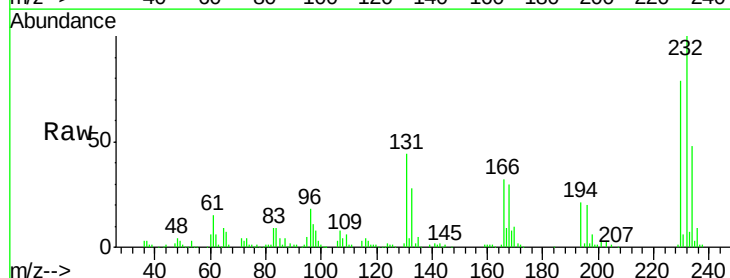
Ion Ratio Lower Upper

232 100

131 44.8 43.8 65.8

130 2.1 2.1 3.1

166 30.3 27.8 41.6

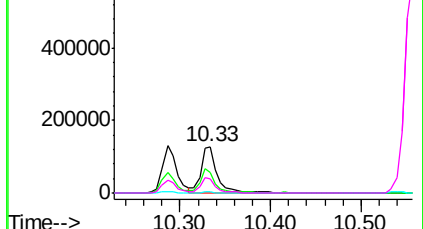
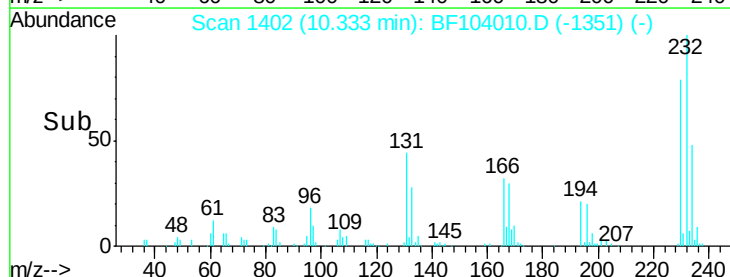


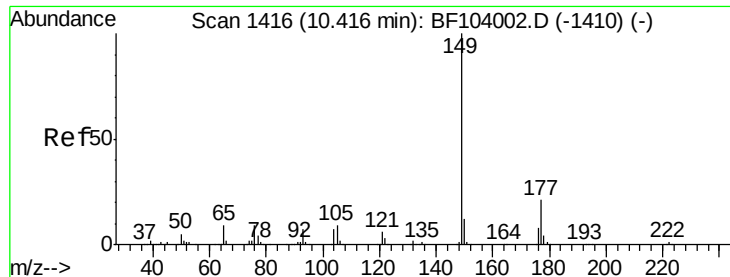
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

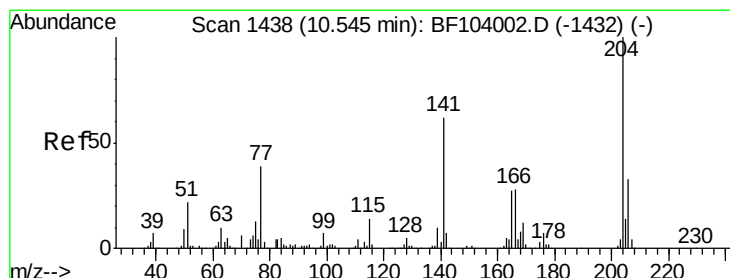
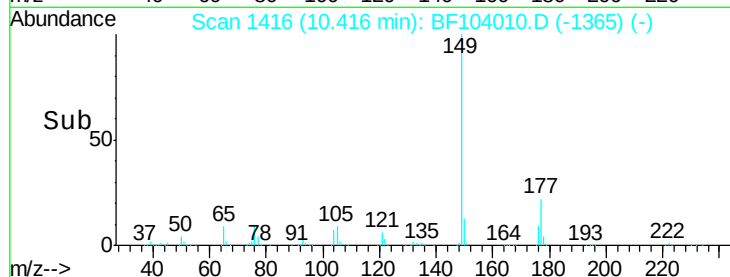
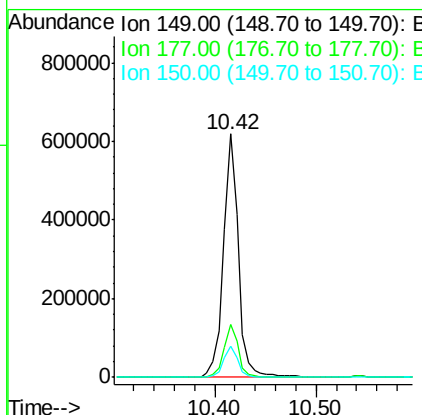
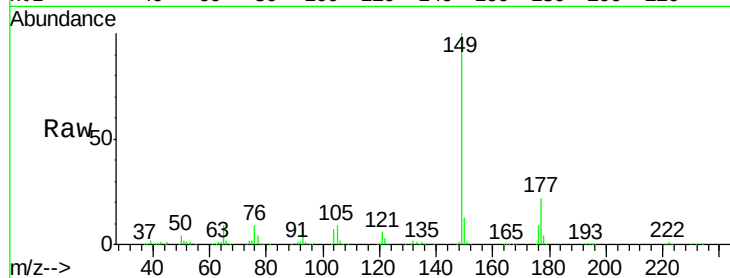




#59
Diethylphthalate
Concen: 32.666 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

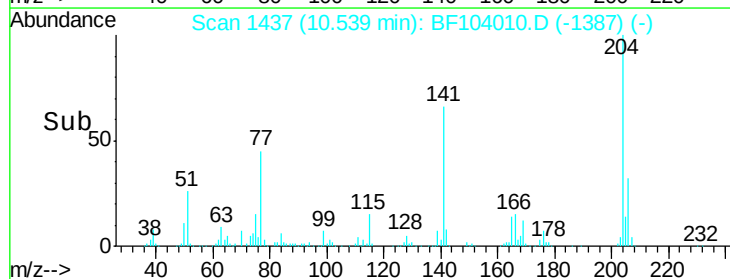
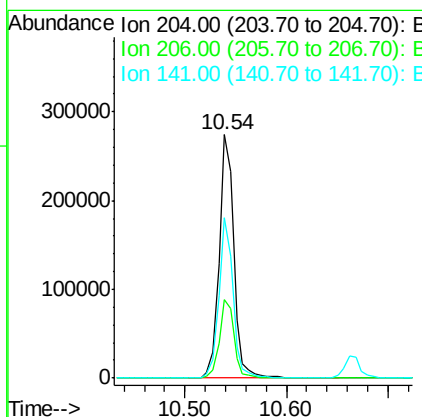
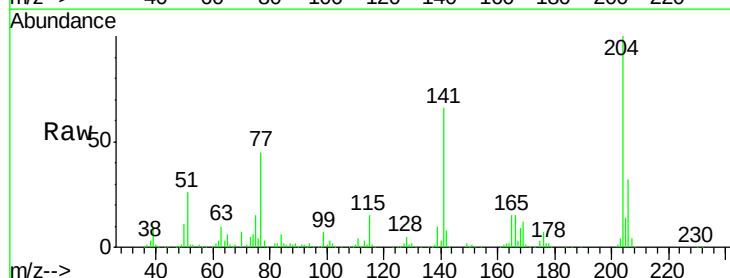
Instrument :
BNA_F
ClientSampleId :

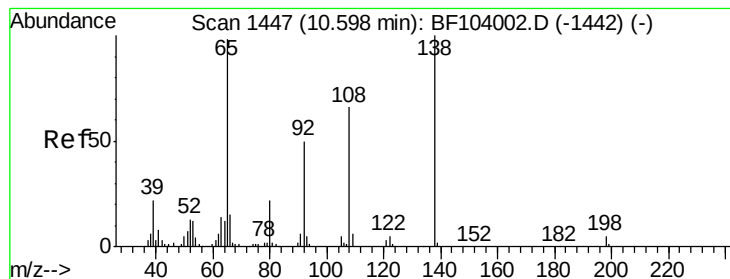
Tot Ion:149 Resp: 633108
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.821 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion:204 Resp: 276079
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 65.7 54.6 81.8





#61

4-Nitroaniline

Concen: 32.258 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

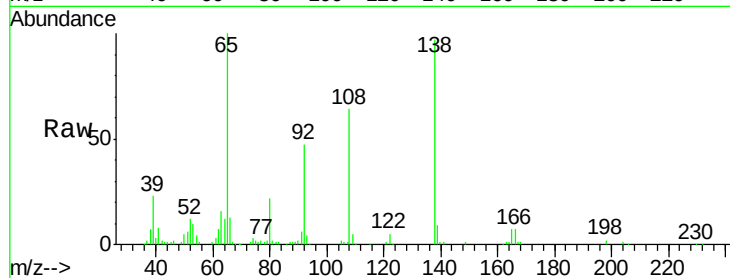
Tot Ion:138 Resp: 151022

Ion Ratio Lower Upper

138 100

92 48.9 30.2 70.2

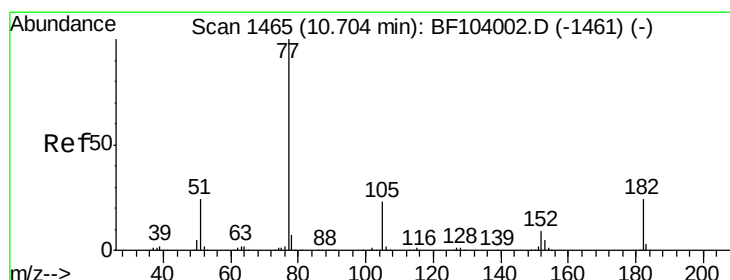
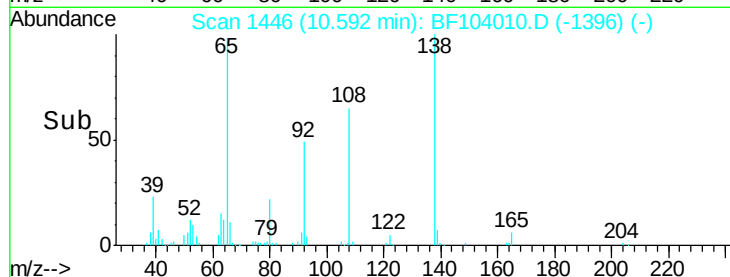
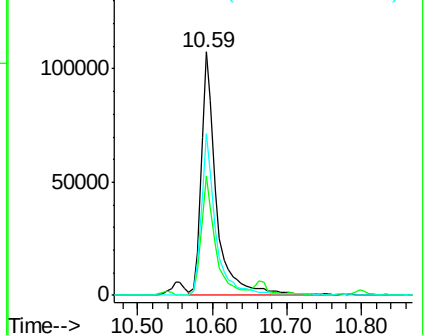
108 66.3 52.5 92.5



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: 33.085 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion: 77 Resp: 579835

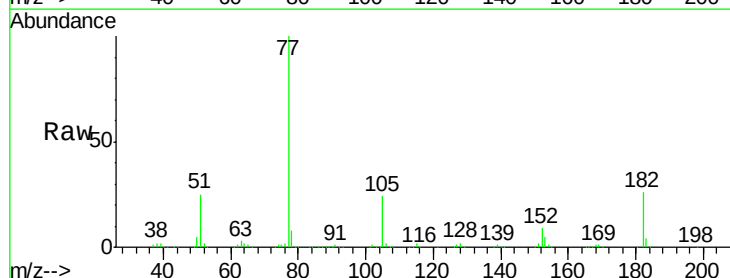
Ion Ratio Lower Upper

77 100

182 25.7 1.7 41.7

105 24.5 3.0 43.0

51 25.0 9.9 49.9

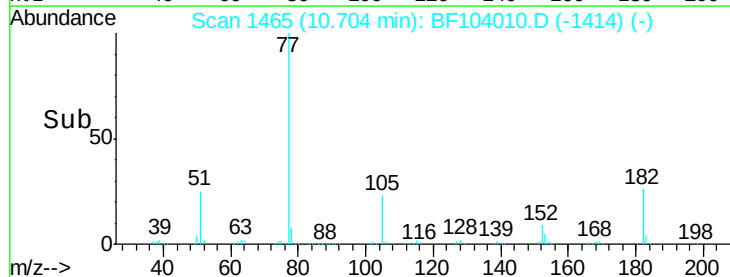
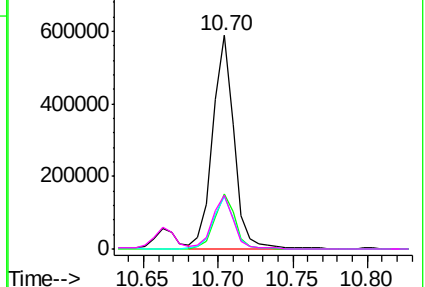


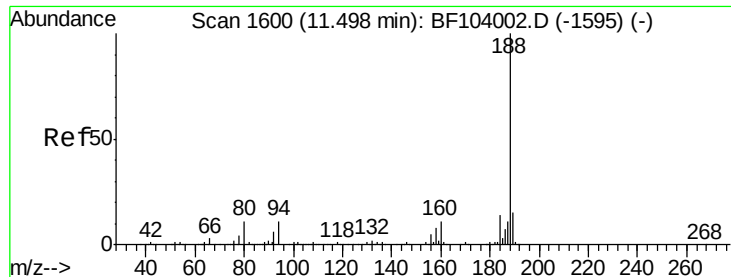
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

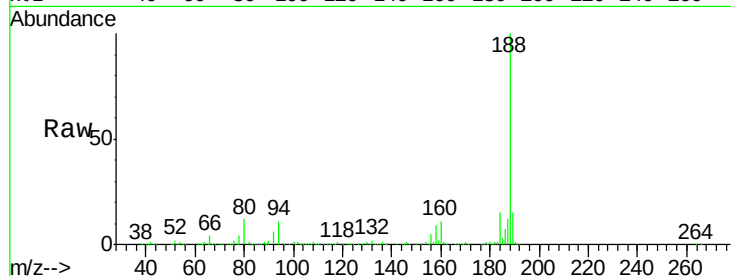
Tot Ion:188 Resp: 491551

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

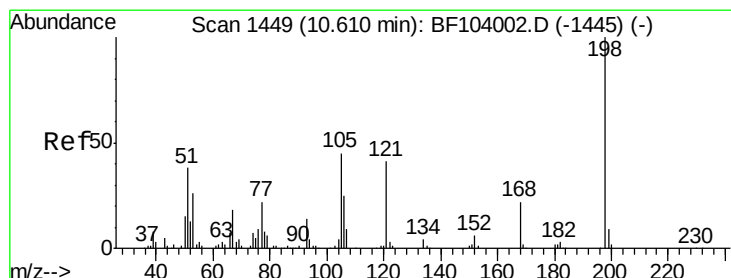
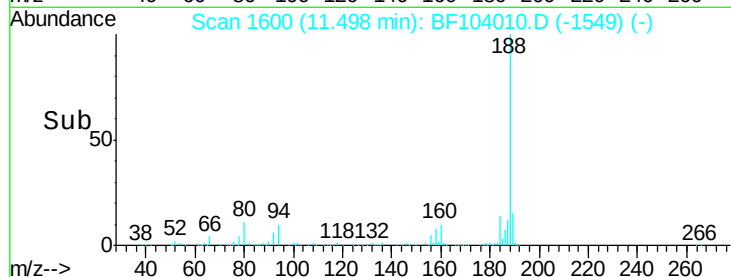
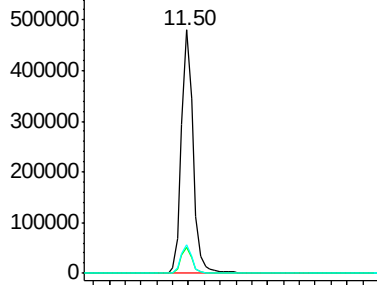
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 29.675 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

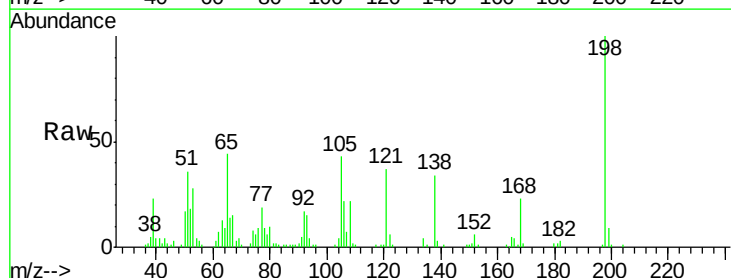
Tgt Ion:198 Resp: 88298

Ion Ratio Lower Upper

198 100

51 35.7 37.7 77.7#

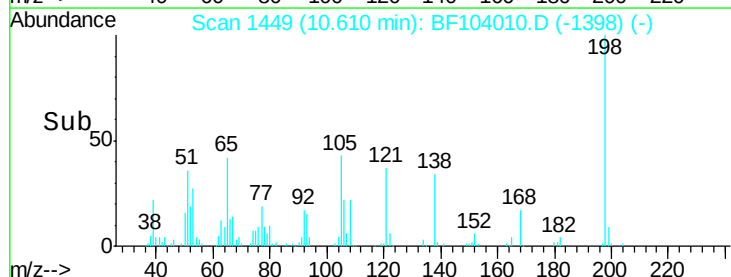
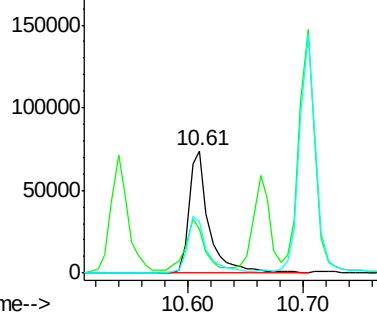
105 42.7 36.3 76.3

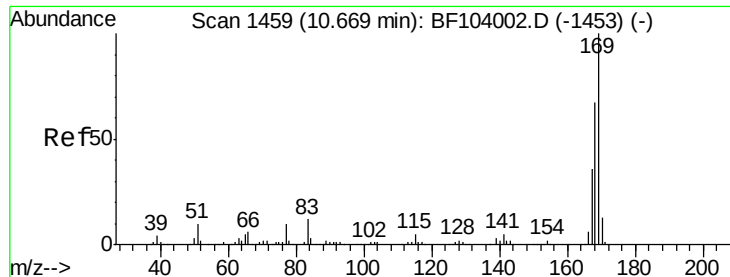


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.788 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

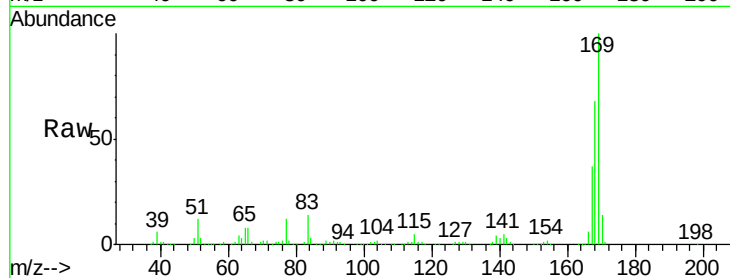
Tot Ion:169 Resp: 529175

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

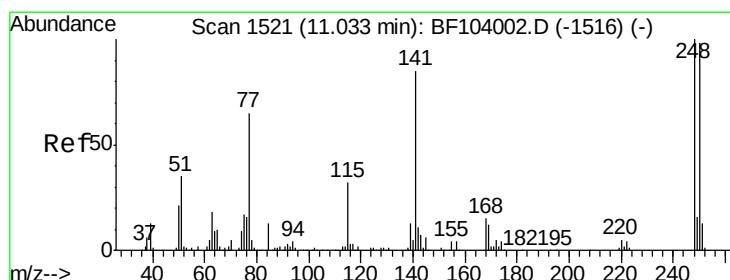
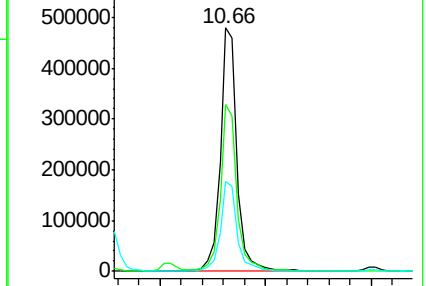
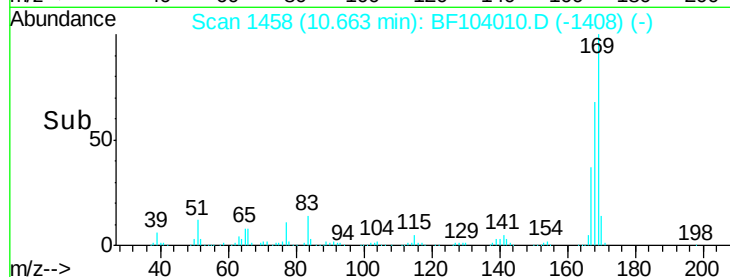
167 36.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.106 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

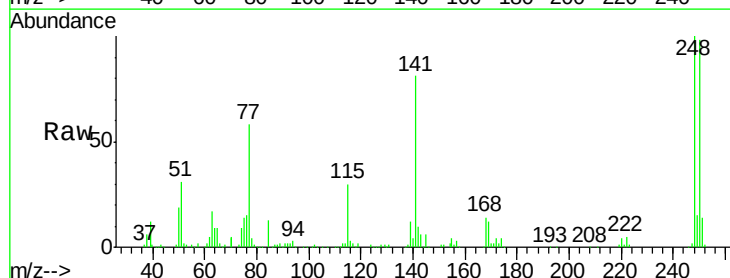
Tgt Ion:248 Resp: 168843

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

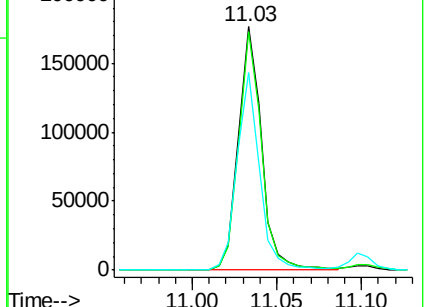
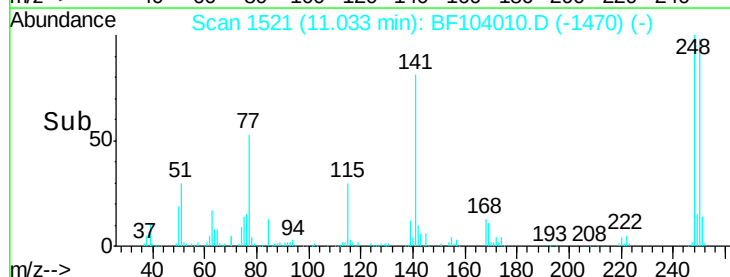
141 80.9 74.4 111.6

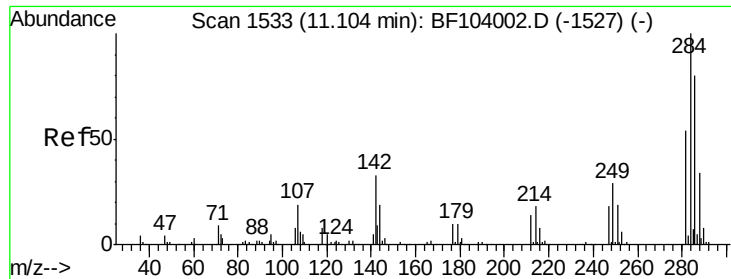


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

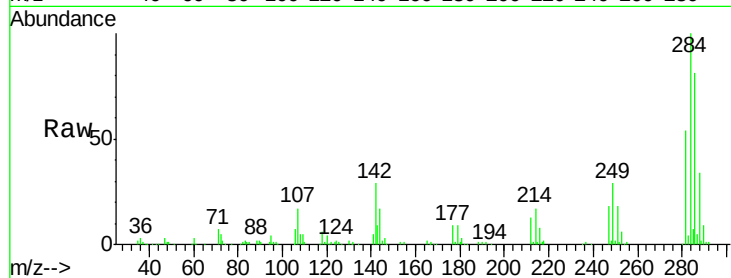




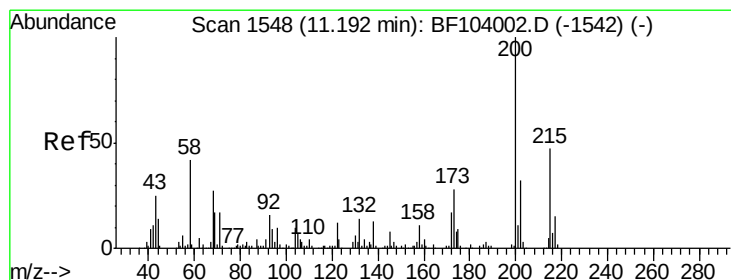
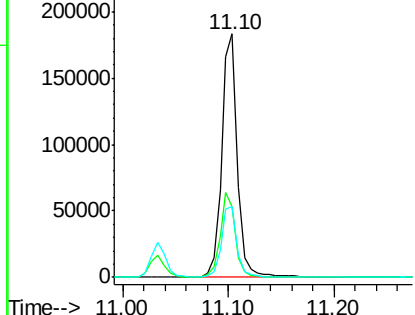
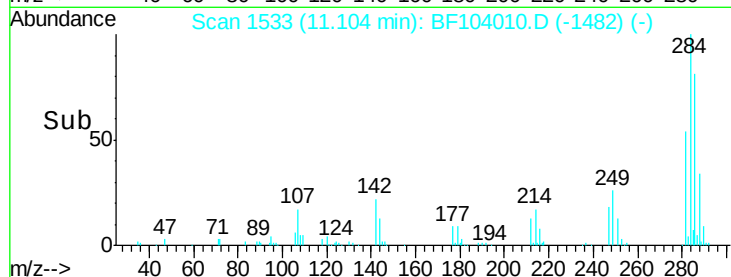
#67
Hexachlorobenzene
Concen: 31.304 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.2	34.6	52.0#
249	29.3	24.8	37.2

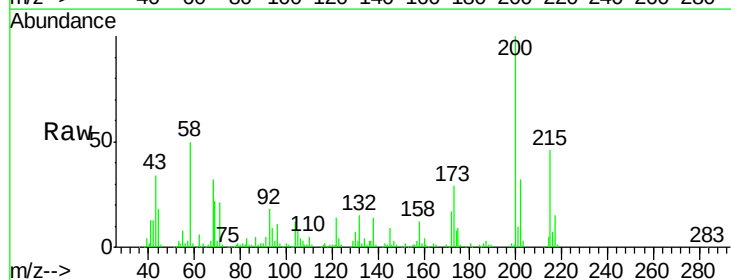


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

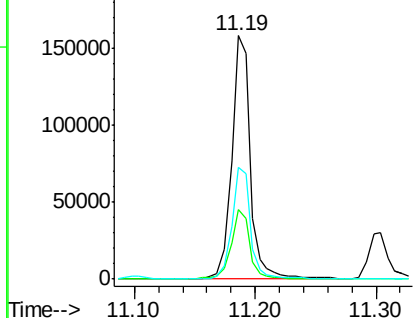
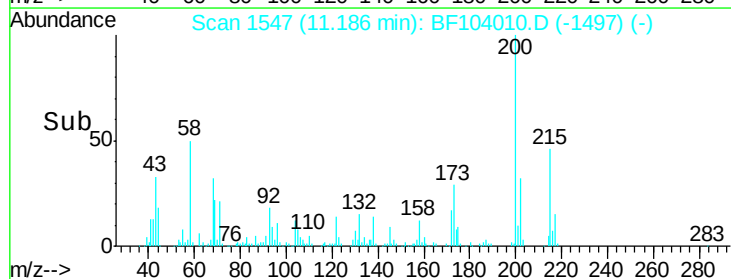


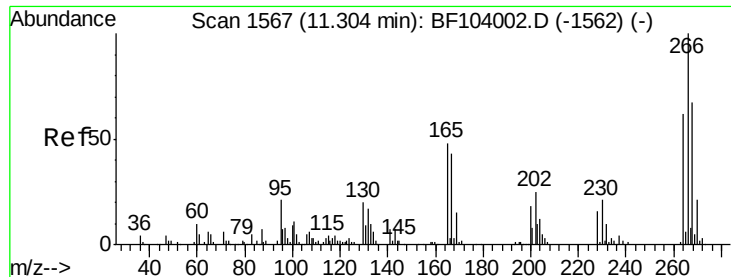
#68
Atrazine
Concen: 33.330 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	45.7	25.1	65.1



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

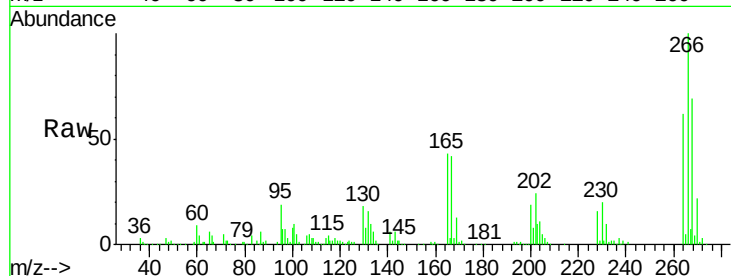




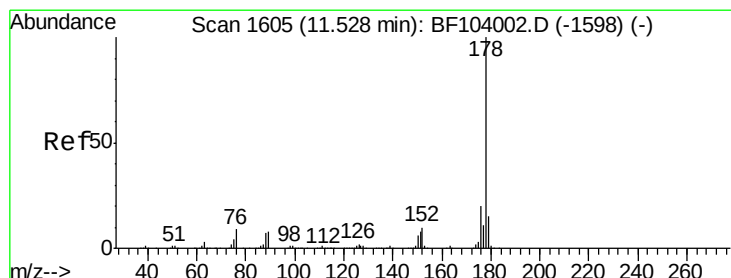
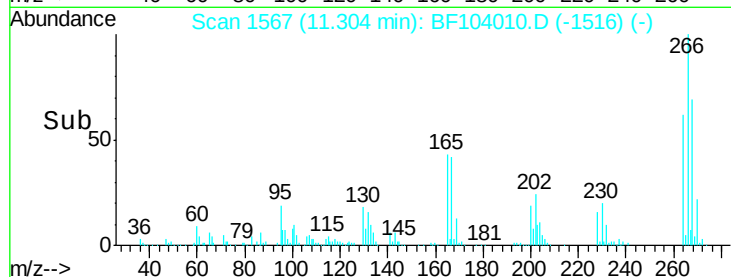
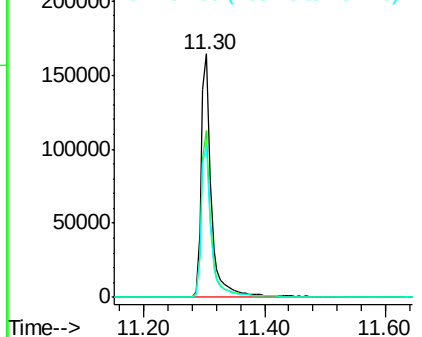
#69
 Pentachlorophenol
 Concen: 58.820 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 195802
 Ion Ratio Lower Upper
 266 100
 268 68.5 51.1 76.7
 264 62.3 49.5 74.3

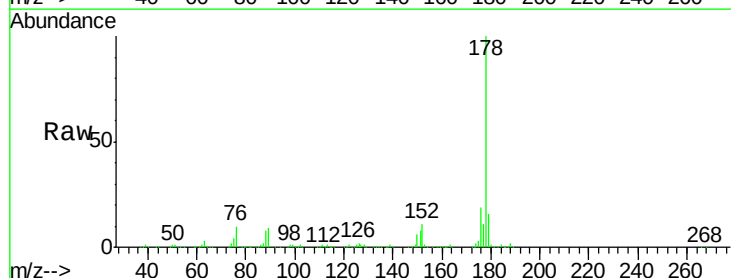


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

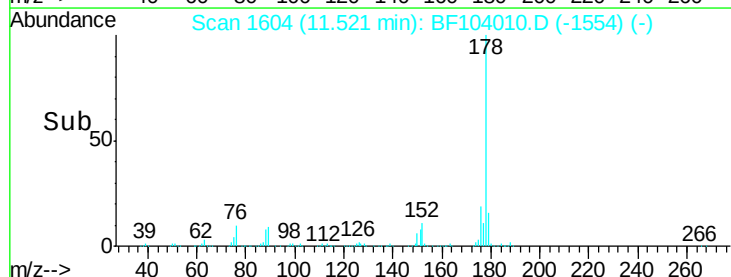
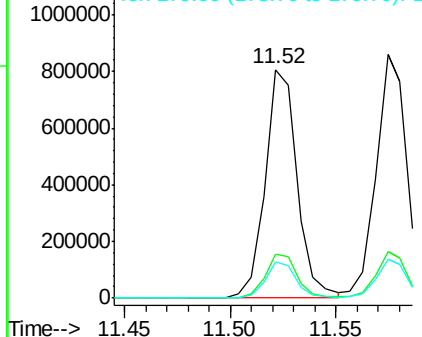


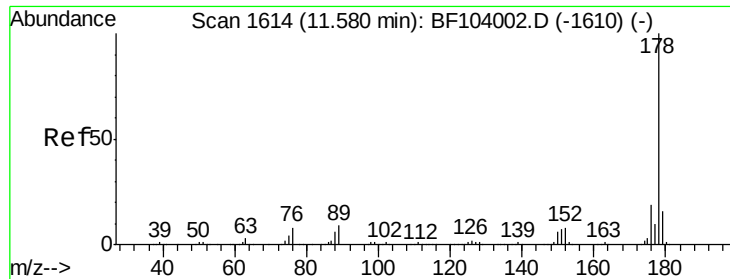
#70
 Phenanthrene
 Concen: 31.934 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion:178 Resp: 849858
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

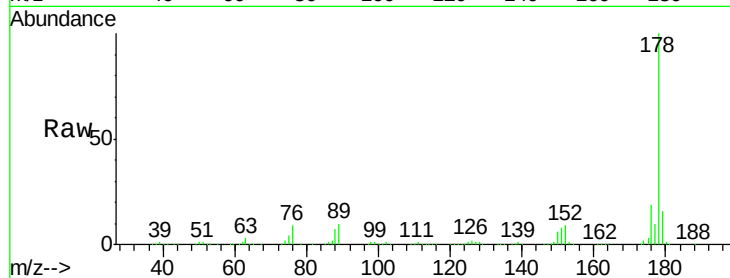




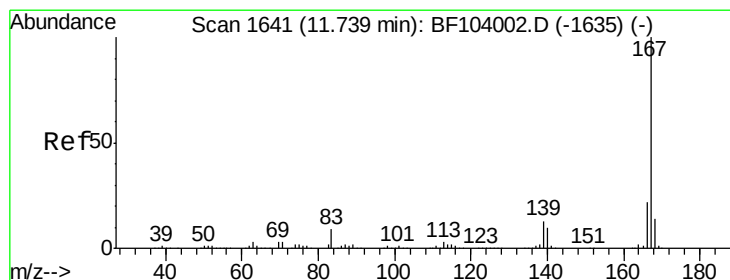
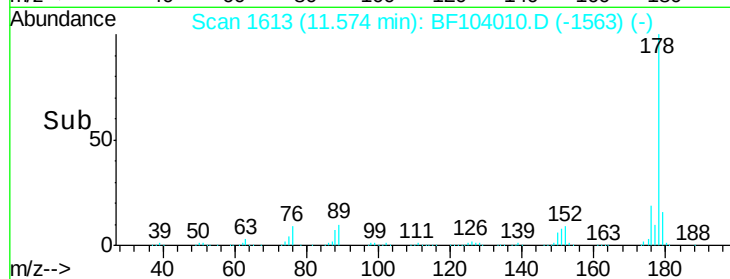
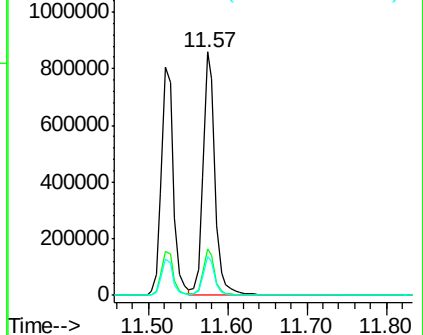
#71
 Anthracene
 Concen: 32.986 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 916965
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.8 12.6 19.0

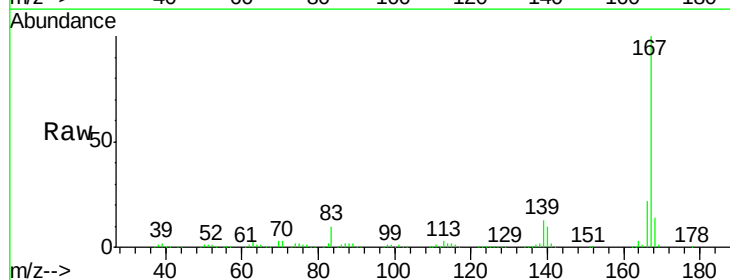


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

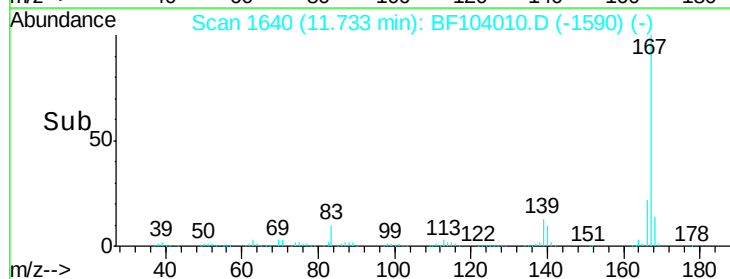
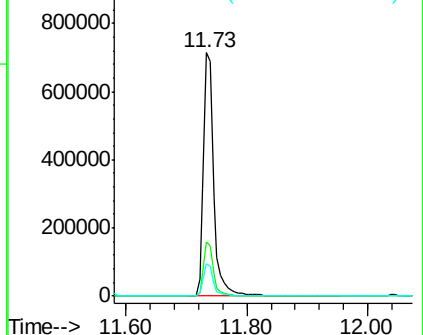


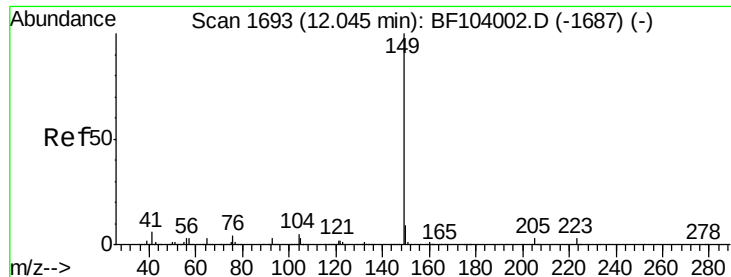
#72
 Carbazole
 Concen: 31.879 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion:167 Resp: 845810
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.151 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

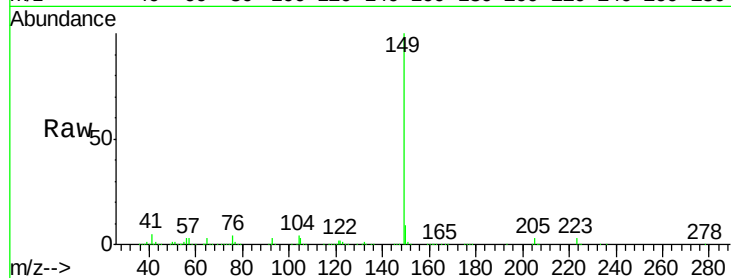
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 1016067

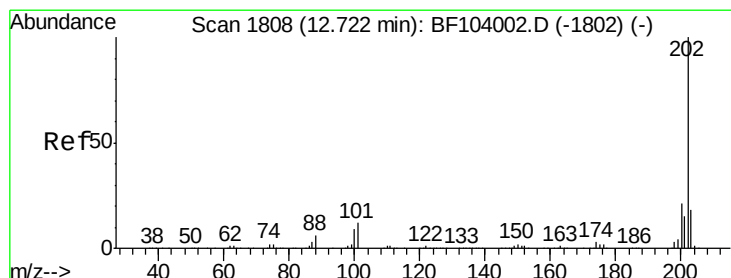
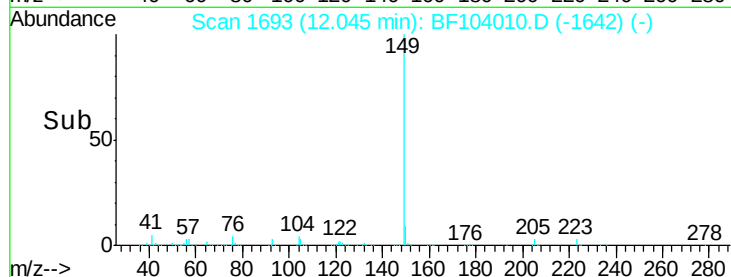
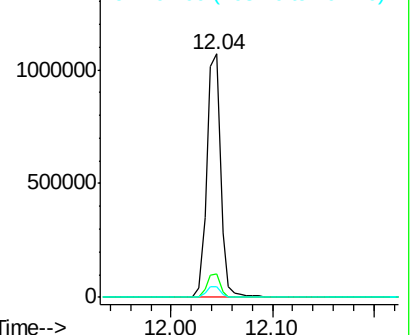
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.4	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.581 ng

RT: 12.72 min Scan# 1807

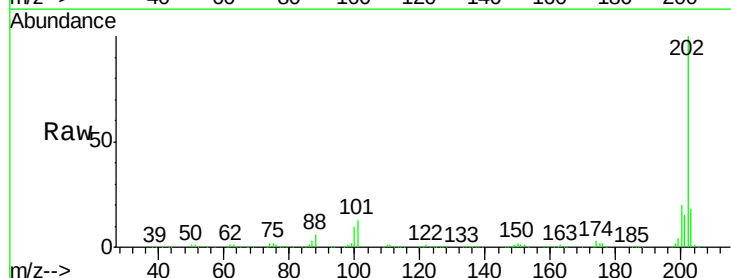
Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:202 Resp: 921658

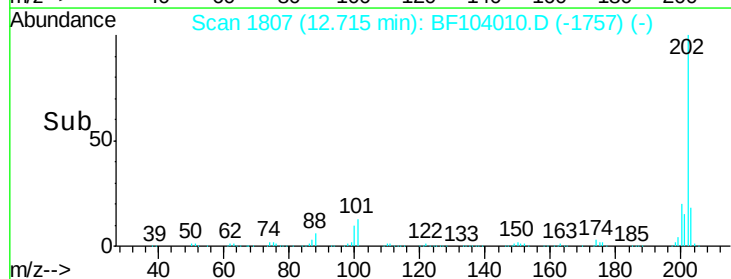
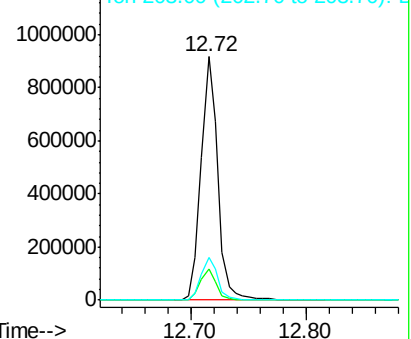
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.6	0.0	38.1

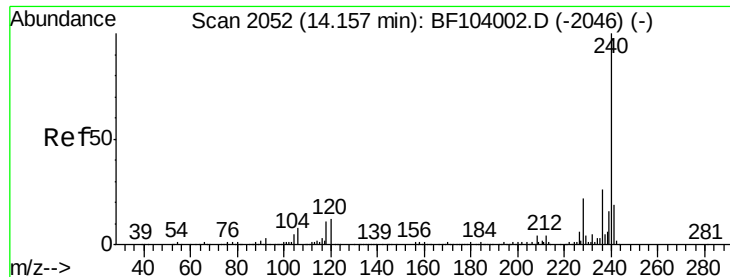


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

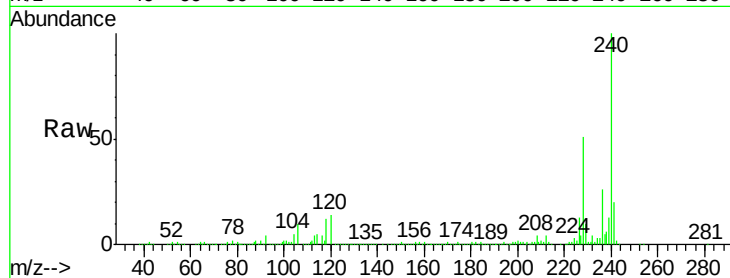
Tot Ion:240 Resp: 403913

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

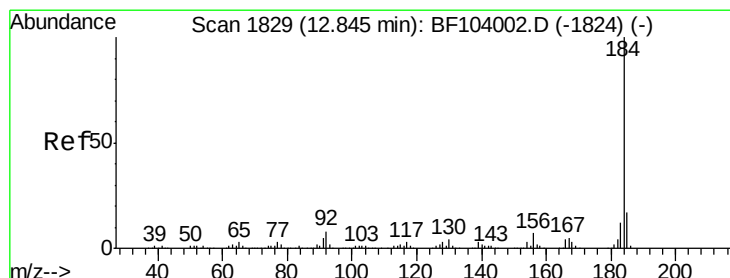
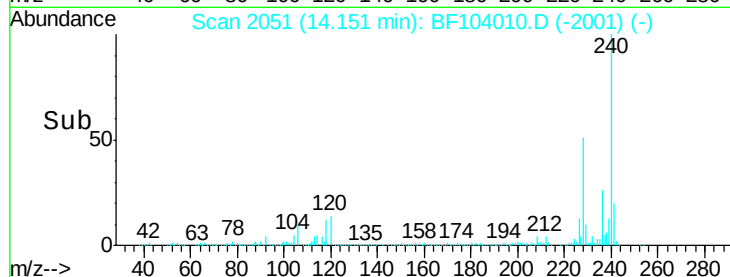
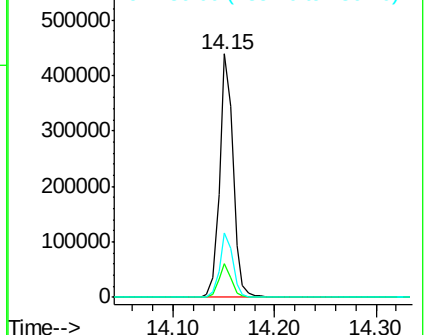
236 26.4 20.7 31.1



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: 37.145 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

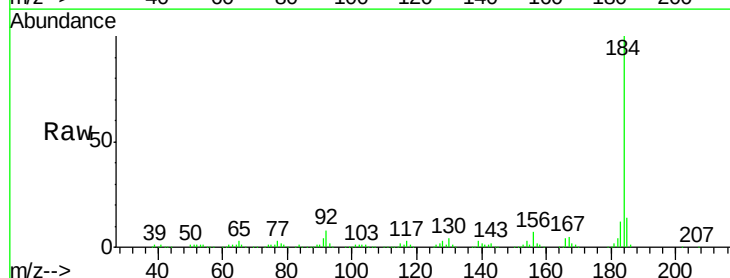
Tgt Ion:184 Resp: 427561

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

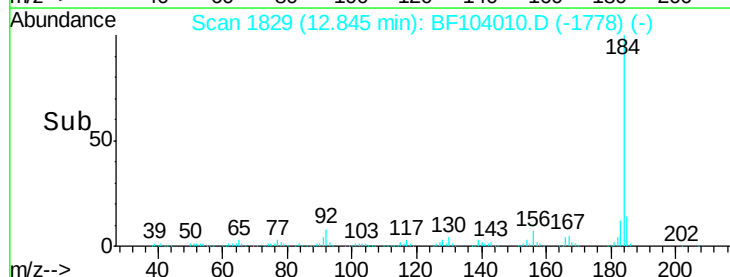
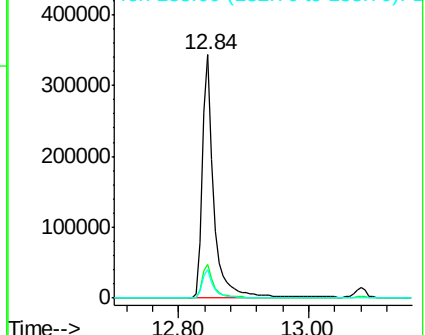
183 11.7 9.3 13.9

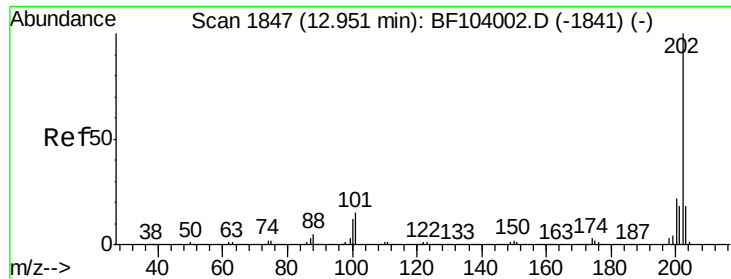


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.855 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

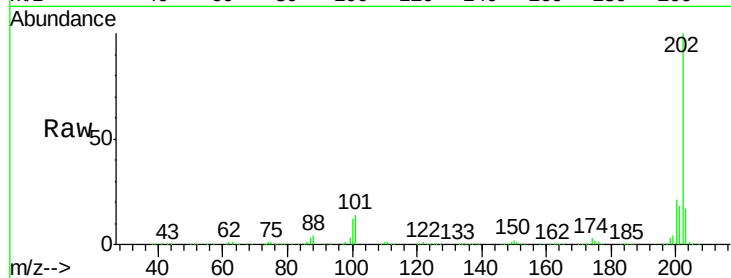
Tot Ion:202 Resp: 924935

Ion Ratio Lower Upper

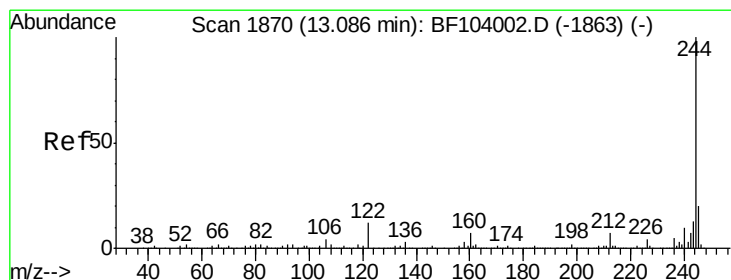
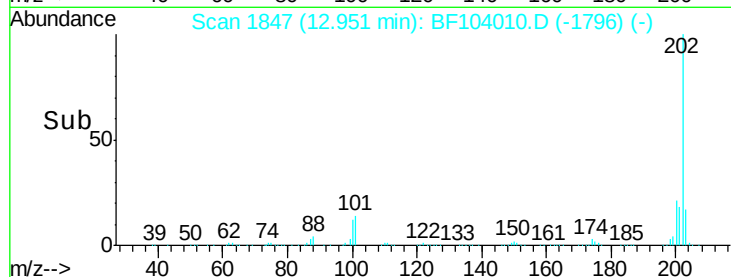
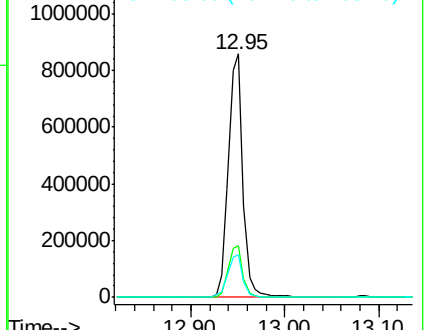
202 100

200 21.3 17.4 26.2

203 17.4 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: 70.797 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

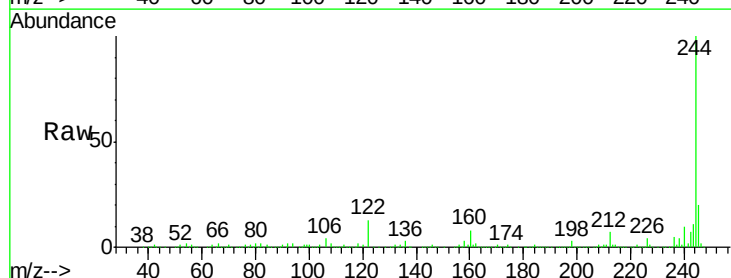
Tgt Ion:244 Resp: 1238470

Ion Ratio Lower Upper

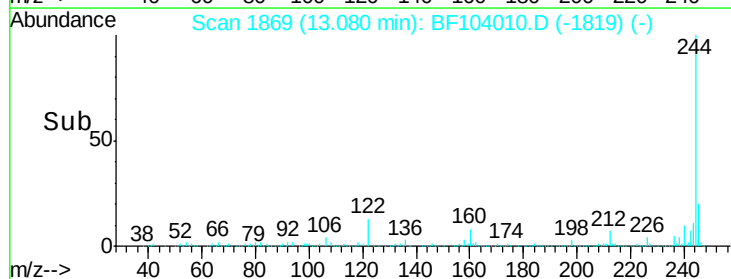
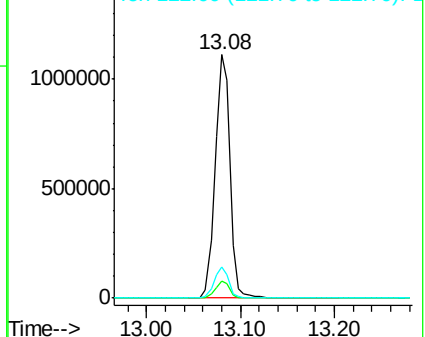
244 100

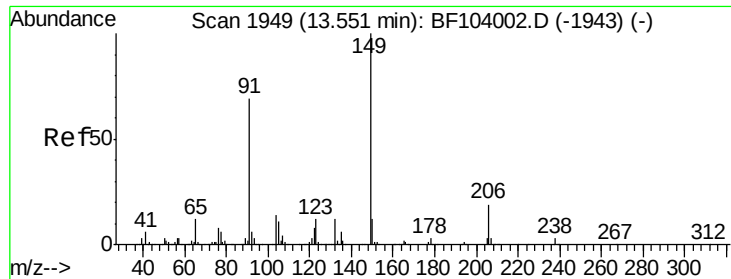
212 6.8 5.4 8.0

122 13.0 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

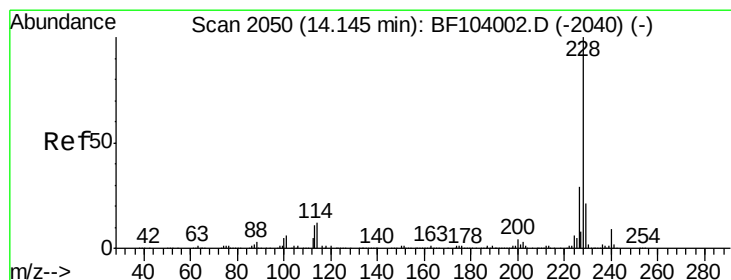
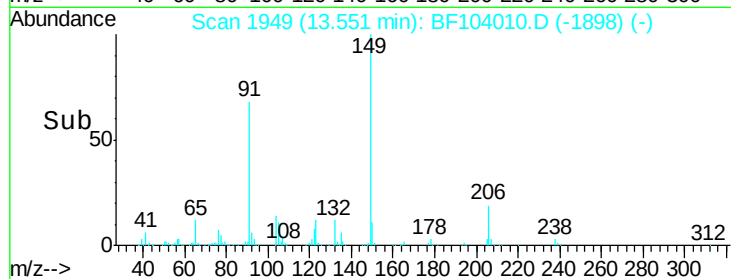
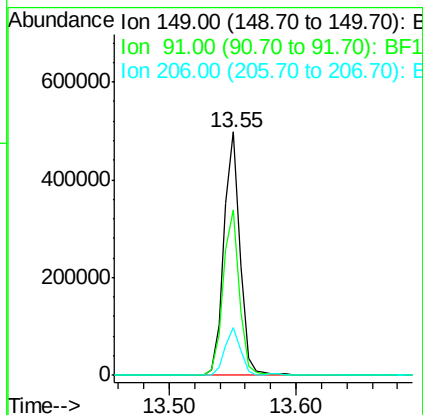
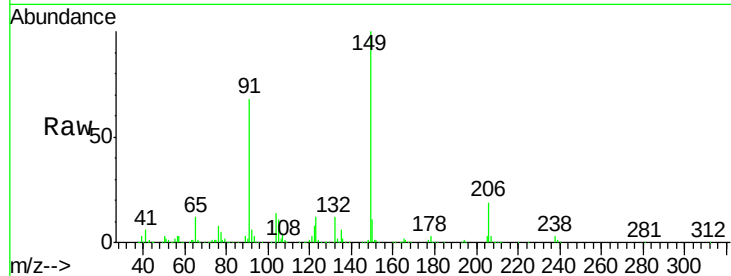




#79
Butylbenzylphthalate
Concen: 32.334 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

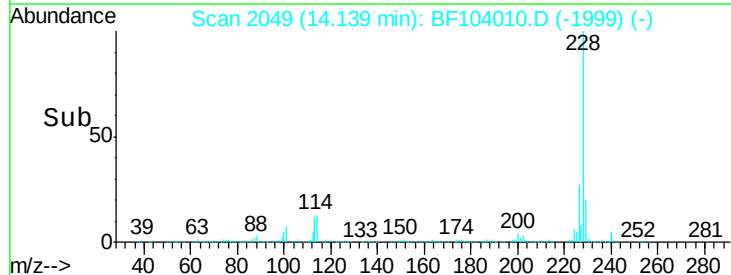
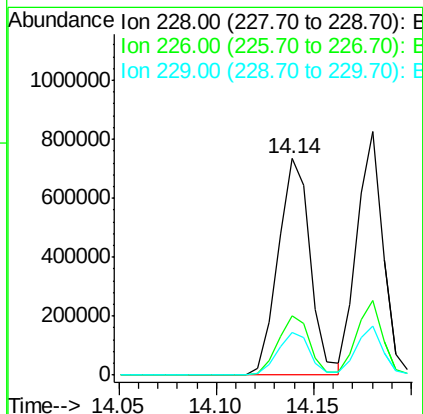
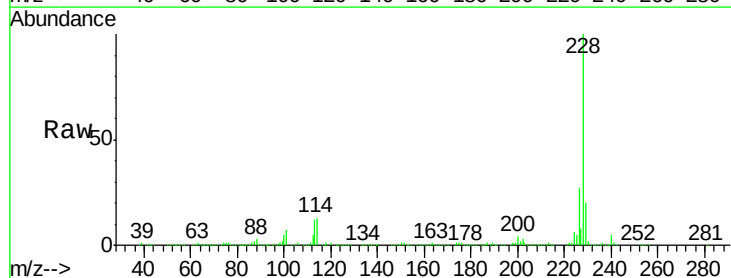
Instrument :
BNA_F
ClientSampleId :

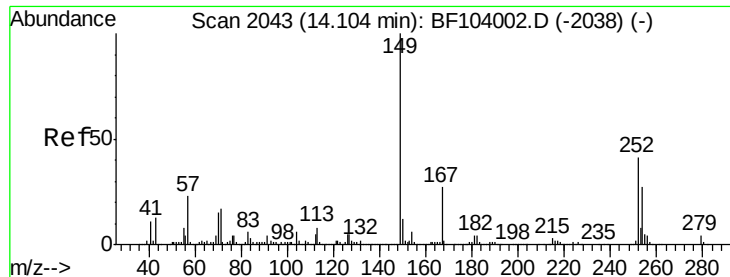
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	19.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.101 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.0	15.8	23.6

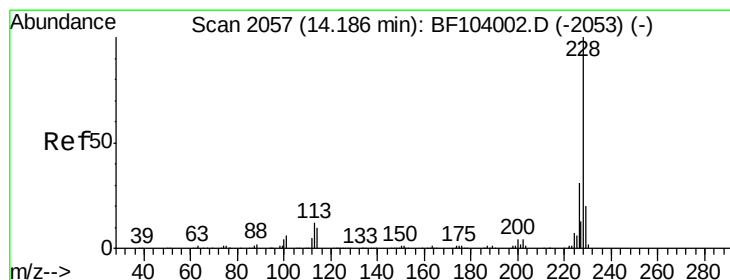
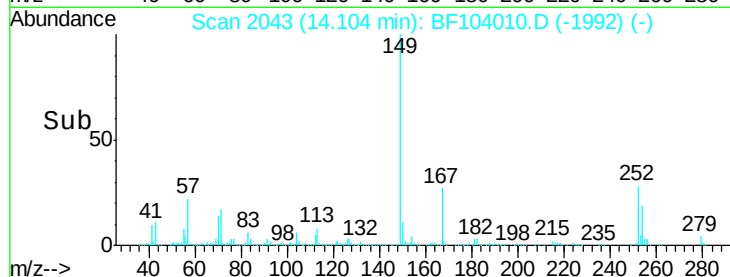
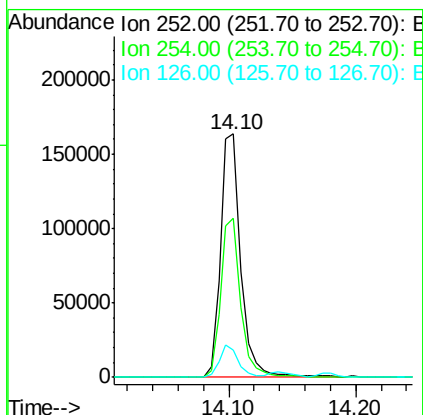
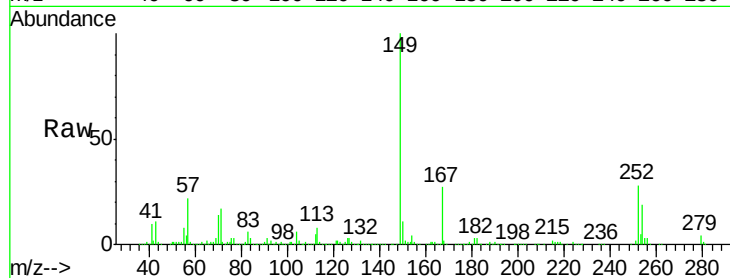




#81
 3,3'-Dichlorobenzidine
 Concen: 21.839 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

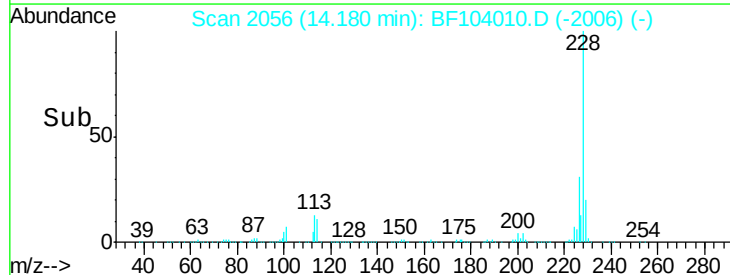
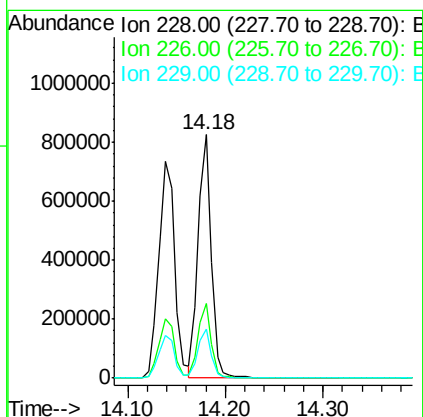
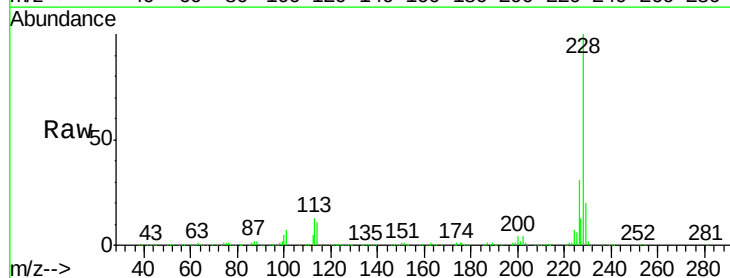
Instrument :
 BNA_F
 ClientSampleId :

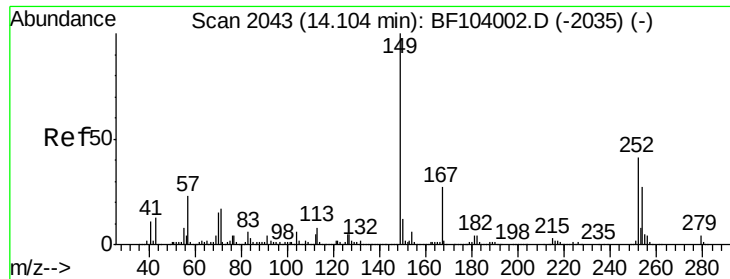
Tot Ion:252 Resp: 182698
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 11.1 11.3 16.9#



#82
 Chrysene
 Concen: 31.493 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion:228 Resp: 779594
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.786 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

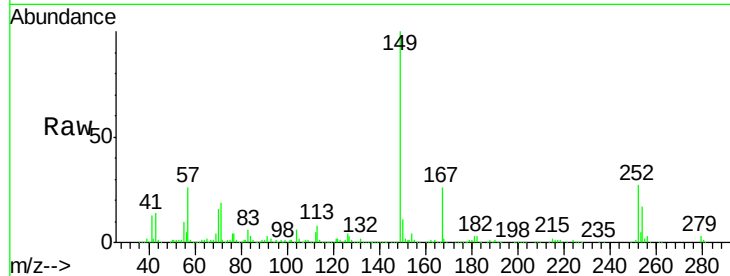
Tot Ion:149 Resp: 579478

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

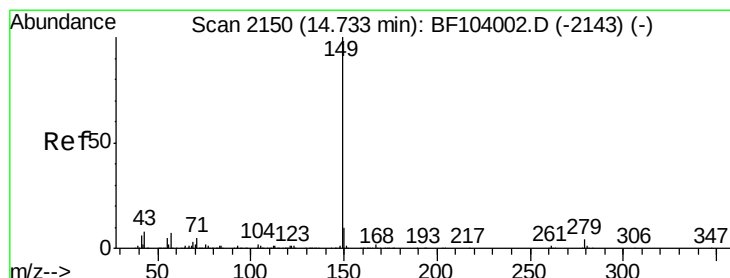
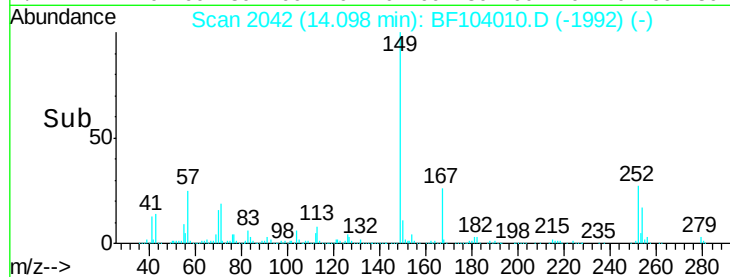
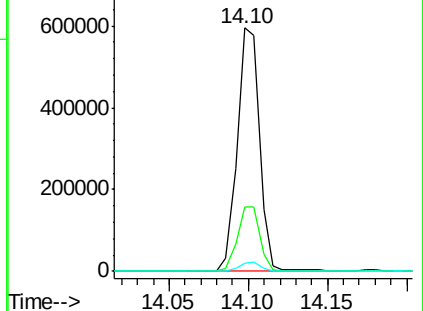
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.531 ng

RT: 14.72 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

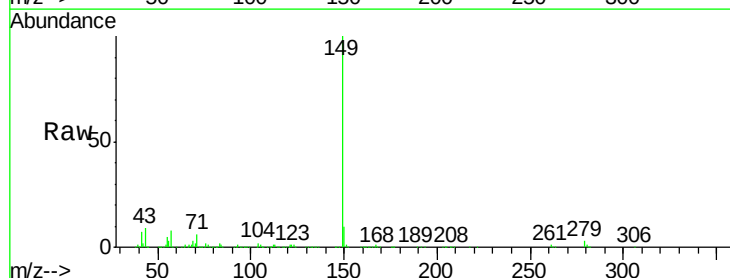
Tgt Ion:149 Resp: 1019474

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

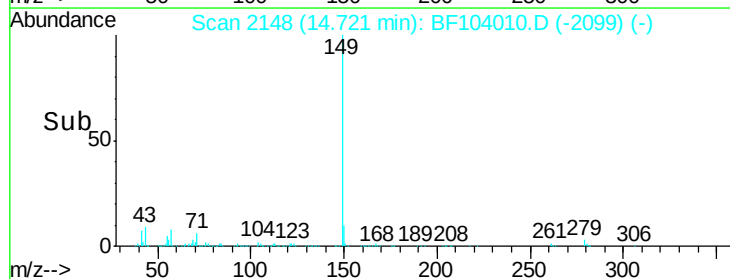
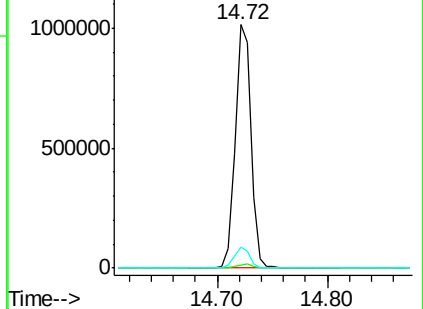
43 8.2 8.4 12.6#

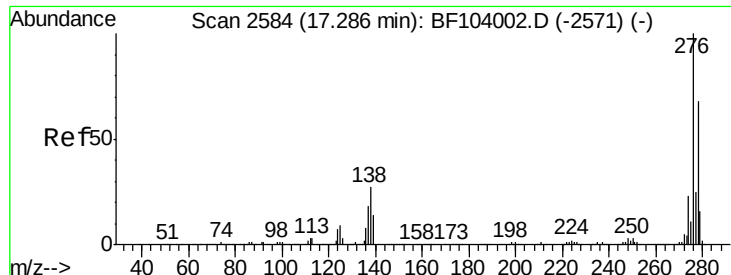


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

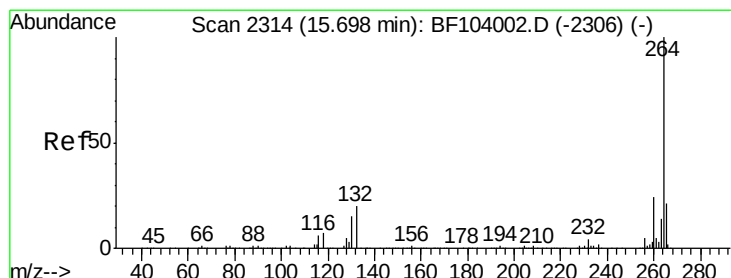
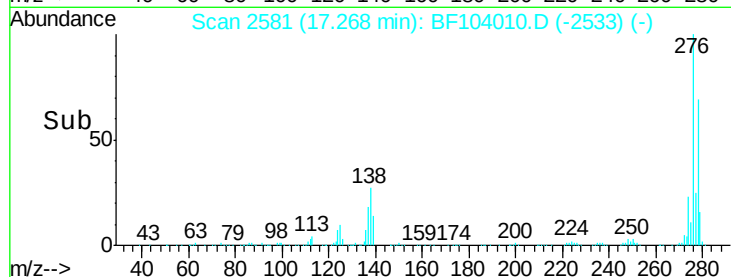
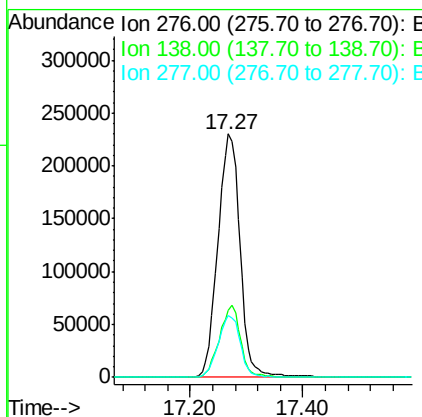
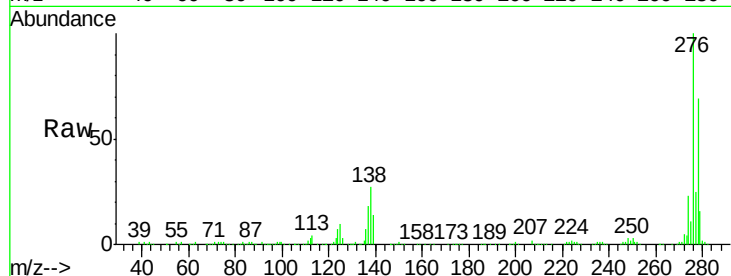




#85
Indeno(1,2,3-cd)pyrene
Concen: 24.585 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.02 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

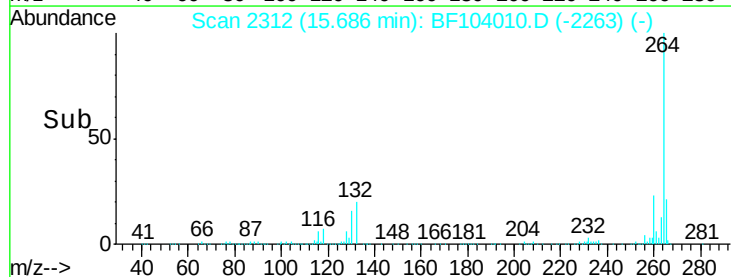
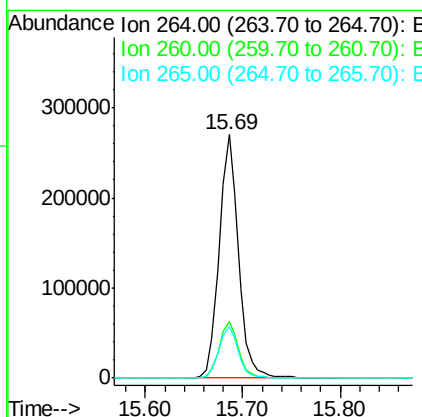
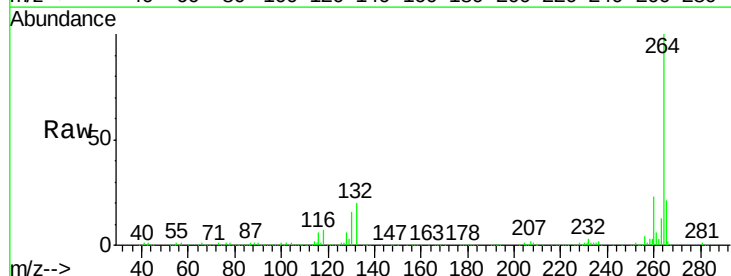
Instrument :
BNA_F
ClientSampleId :

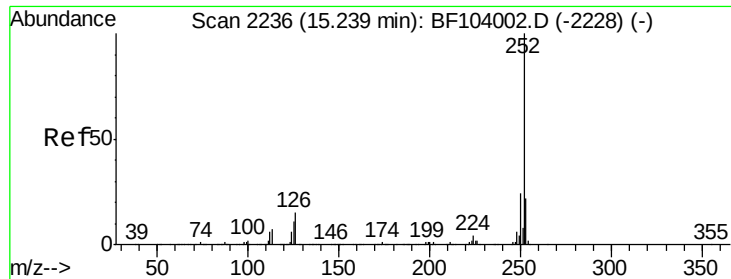
Tot Ion:276 Resp: 630635
Ion Ratio Lower Upper
276 100
138 28.4 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion:264 Resp: 371952
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.5 17.5 26.3

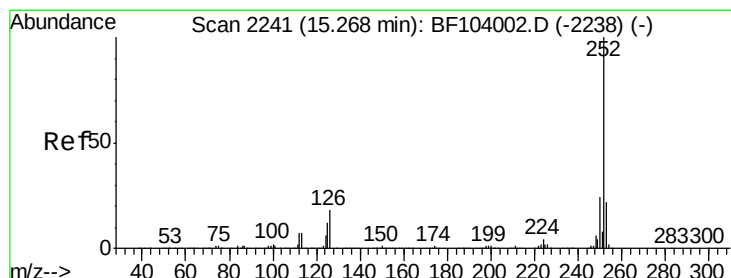
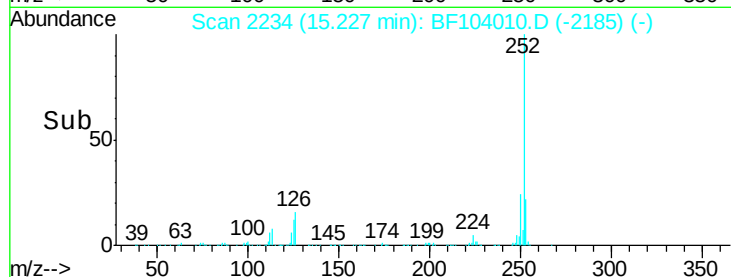
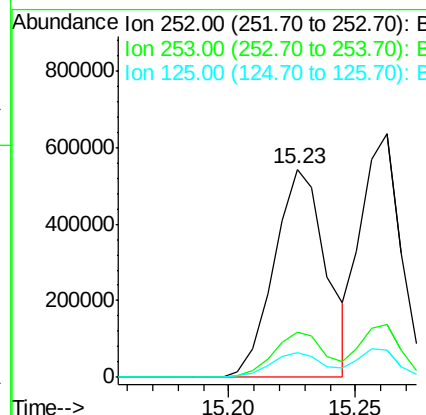
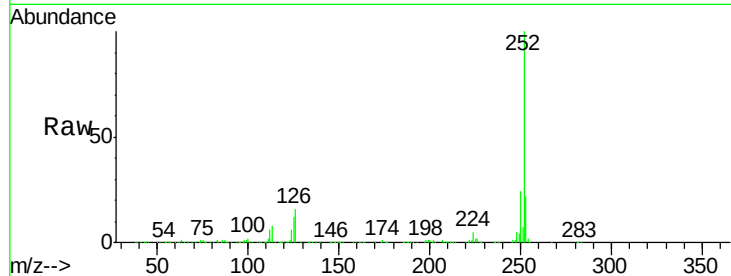




#87
Benzo(b)fluoranthene
Concen: 34.480 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

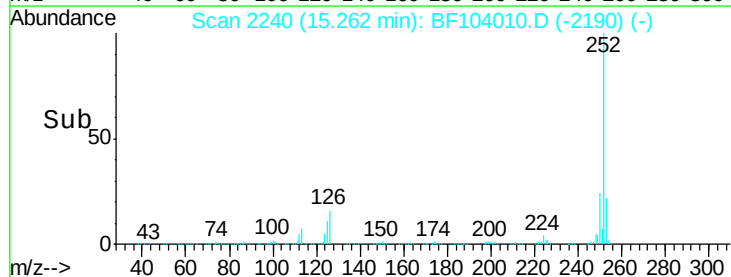
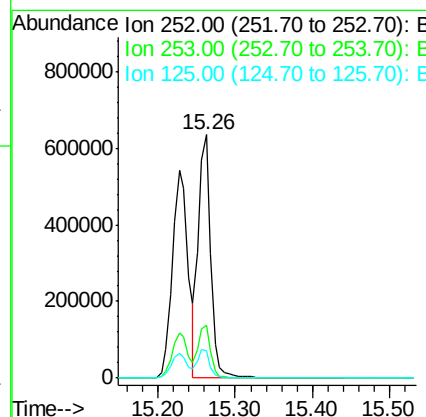
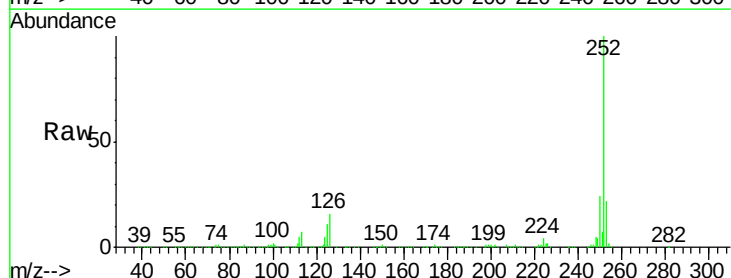
Instrument :
BNA_F
ClientSampleId :

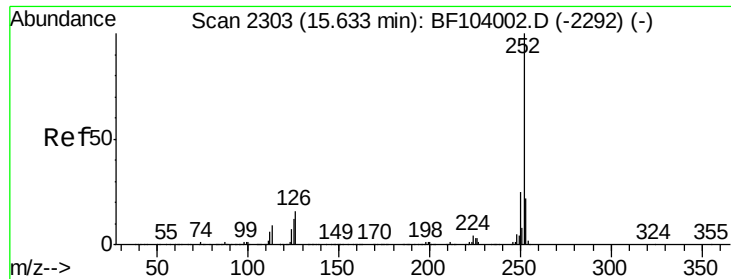
Tot Ion:252 Resp: 780513
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.672 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion:252 Resp: 718006
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.1 10.2 15.2

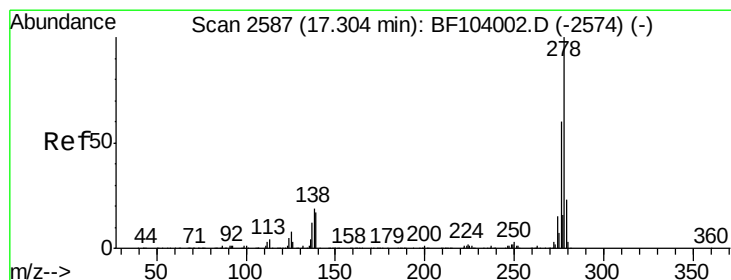
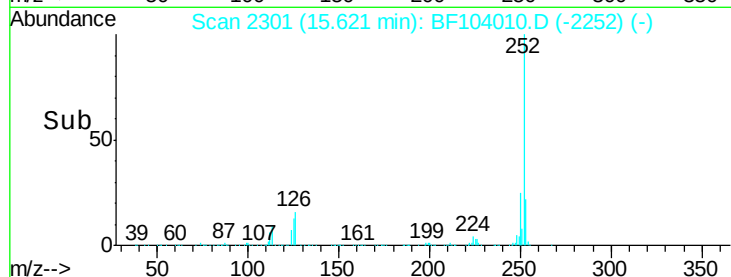
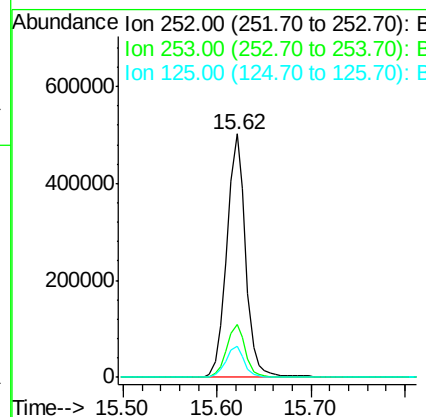
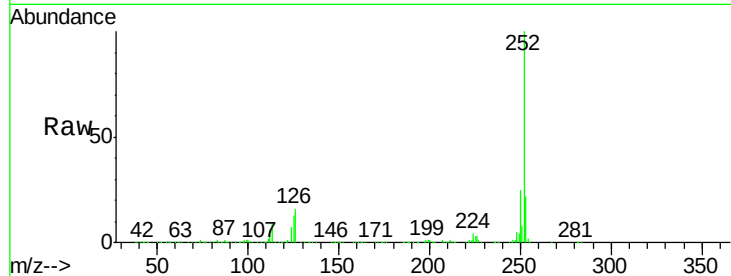




#89
Benzo(a)pyrene
Concen: 33.581 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

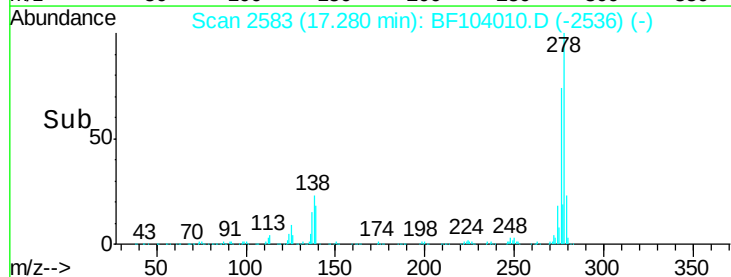
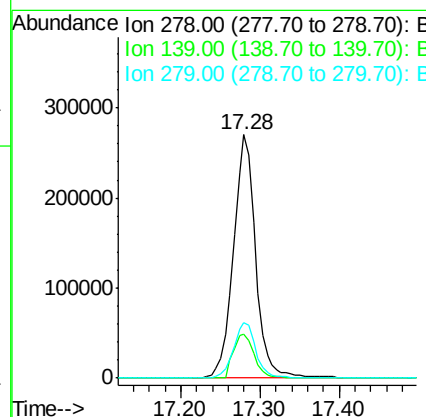
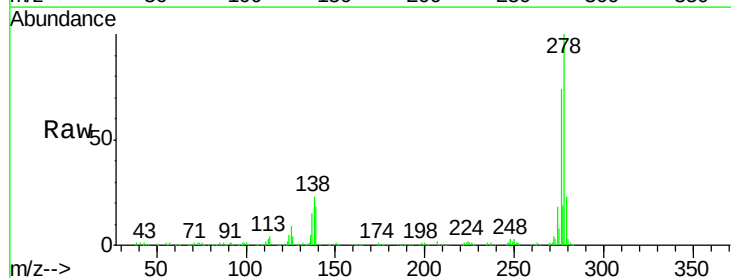
Instrument :
BNA_F
ClientSampleId :

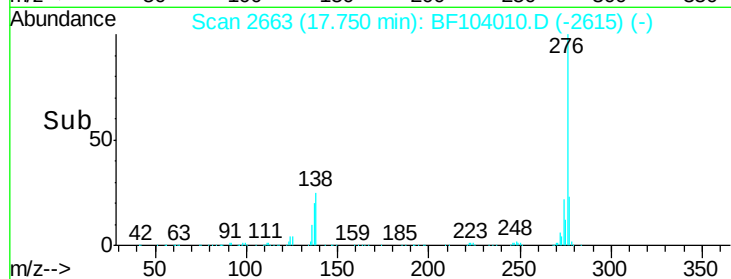
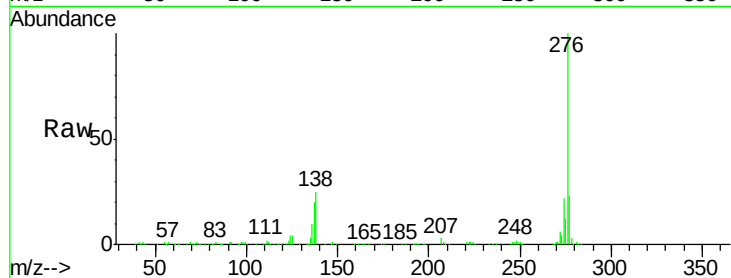
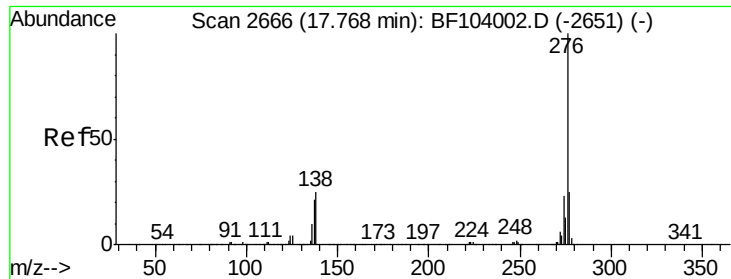
Tot Ion:252 Resp: 704427
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 12.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 26.980 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.02 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion:278 Resp: 523267
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 26.259 ng

RT: 17.75 min Scan# 2663

Delta R.T. -0.02 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 510113

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 24.6 21.8 32.8

