

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104003.D
 Acq On : 28 Mar 2018 11:54
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 12:35:25 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 12:06:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131146	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	546262	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	250569	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	452576	20.00	ng	0.00
75) Chrysene-d12	14.16	240	360536	20.00	ng	0.00
86) Perylene-d12	15.70	264	362258	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	825626	95.75	ng	0.00
7) Phenol-d6	6.61	99	992248	94.06	ng	0.00
23) Nitrobenzene-d5	7.54	82	890683	113.70	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	270829	125.71	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1532482	97.56	ng	0.00
78) Terphenyl-d14	13.09	244	1423765	91.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	184197	43.385	ng	# 88
3) Pyridine	3.63	79	455094	38.971	ng	# 87
4) n-Nitrosodimethylamine	3.60	42	129690	30.120	ng	# 70
6) Aniline	6.64	93	637063	42.293	ng	# 89
8) 2-Chlorophenol	6.76	128	449593	49.775	ng	97
9) Benzaldehyde	6.53	77	233885	33.748	ng	96
10) Phenol	6.62	94	546854	48.786	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	491080	53.069	ng	93
12) 1,3-Dichlorobenzene	6.91	146	513853	49.949	ng	97
13) 1,4-Dichlorobenzene	6.99	146	534689	51.723	ng	99
14) 1,2-Dichlorobenzene	7.14	146	467413	48.726	ng	98
15) Benzyl Alcohol	7.12	79	336792	41.206	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	512674	38.953	ng	59
17) 2-Methylphenol	7.22	107	374813	46.598	ng	# 93
18) Hexachloroethane	7.47	117	181577	49.935	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	294702	43.592	ng	93
20) 3+4-Methylphenols	7.37	107	458790	44.944	ng	# 71
22) Acetophenone	7.38	105	619461	44.124	ng	# 98
24) Nitrobenzene	7.56	77	474214	51.565	ng	96
25) Isophorone	7.79	82	823132	45.393	ng	99
26) 2-Nitrophenol	7.87	139	252002	83.807	ng	90
27) 2,4-Dimethylphenol	7.90	122	349108	44.939	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	506130	46.093	ng	98
29) 2,4-Dichlorophenol	8.11	162	371353	52.543	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	412640	50.338	ng	99
31) Naphthalene	8.27	128	1291645	46.808	ng	100
32) Benzoic acid	8.05	122	281253	60.374	ng	98
33) 4-Chloroaniline	8.33	127	554319	47.882	ng	96
34) Hexachlorobutadiene	8.37	225	221586	49.303	ng	99
35) Caprolactam	8.71	113	115894	47.621	ng	# 81
36) 4-Chloro-3-methylphenol	8.80	107	392520	50.378	ng	98
37) 2-Methylnaphthalene	8.96	142	841452	48.085	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	381887	53.422	ng	98
40) Hexachlorocyclopentadiene	9.10	237	176324	47.802	ng	98

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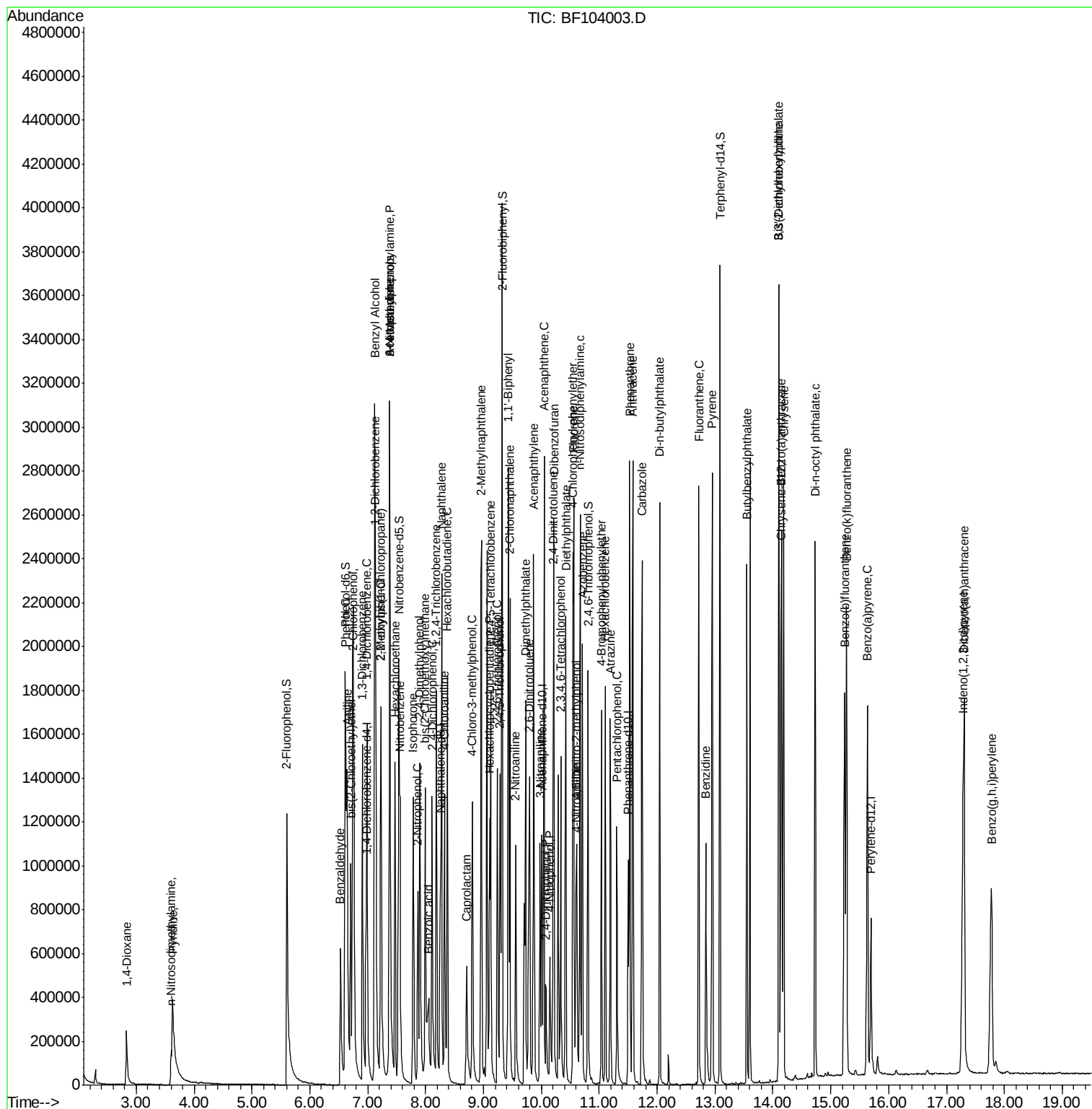
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	248031	54.246	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	294274	57.022	ng	96
45) 1,1'-Biphenyl	9.43	154	1038210	49.690	ng	99
46) 2-Chloronaphthalene	9.46	162	827064	49.838	ng	99
47) 2-Nitroaniline	9.56	65	243304	62.774	ng	97
48) Acenaphthylene	9.87	152	1239770	48.177	ng	100
49) Dimethylphthalate	9.73	163	959325	50.182	ng	99
50) 2,6-Dinitrotoluene	9.80	165	213381	62.119	ng	# 87
51) Acenaphthene	10.05	154	716562	46.895	ng	99
52) 3-Nitroaniline	9.97	138	245264	59.128	ng	99
53) 2,4-Dinitrophenol	10.08	184	95736	134.446	ng	# 24
54) Dibenzofuran	10.22	168	1032212	47.299	ng	98
55) 4-Nitrophenol	10.15	139	156171	50.807	ng	92
56) 2,4-Dinitrotoluene	10.20	165	268706	63.767	ng	93
57) Fluorene	10.56	166	844744	49.884	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	211644	57.877	ng	93
59) Diethylphthalate	10.42	149	907418	47.824	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	388806	50.239	ng	96
61) 4-Nitroaniline	10.60	138	228312	57.151	ng	95
62) Azobenzene	10.71	77	832116	43.136	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	142617	97.318	ng	79
65) n-Nitrosodiphenylamine	10.67	169	751846	48.806	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	238957	51.424	ng	# 89
67) Hexachlorobenzene	11.10	284	274880	51.829	ng	93
68) Atrazine	11.19	200	228645	47.981	ng	98
69) Pentachlorophenol	11.30	266	163941	53.767	ng	100
70) Phenanthrene	11.53	178	1171687	47.328	ng	99
71) Anthracene	11.58	178	1219286	48.491	ng	100
72) Carbazole	11.74	167	1179286	48.253	ng	100
73) Di-n-butylphthalate	12.04	149	1363211	46.487	ng	100
74) Fluoranthene	12.72	202	1230055	48.227	ng	98
76) Benzidine	12.84	184	512429	33.324	ng	97
77) Pyrene	12.95	202	1254801	47.391	ng	99
79) Butylbenzylphthalate	13.55	149	591533	50.425	ng	99
80) Benzo(a)anthracene	14.14	228	1101125	48.249	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	341669	44.758	ng	95
82) Chrysene	14.19	228	1060536	48.749	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	730726	43.603	ng	100
84) Di-n-octyl phthalate	14.73	149	1304592	53.509	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.29	276	1092292	57.493	ng	96
87) Benzo(b)fluoranthene	15.24	252	1117919	48.846	ng	98
88) Benzo(k)fluoranthene	15.27	252	980608	44.573	ng	99
89) Benzo(a)pyrene	15.63	252	1008963	48.605	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	905219	50.361	ng	97
91) Benzo(g,h,i)perylene	17.78	276	898542	51.385	ng	95

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

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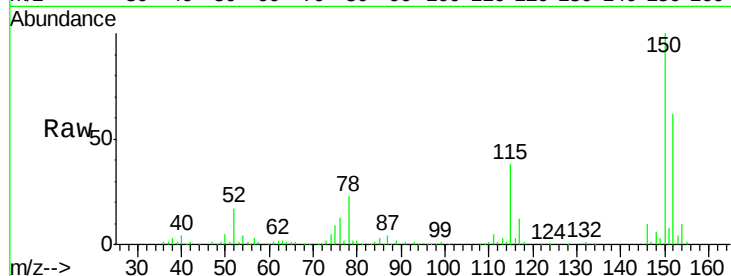


#1

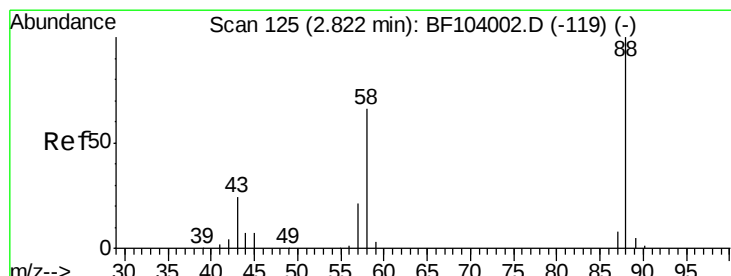
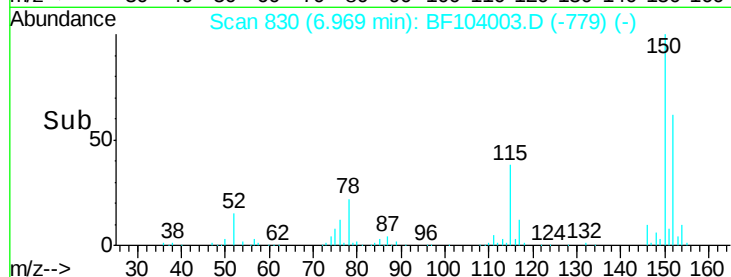
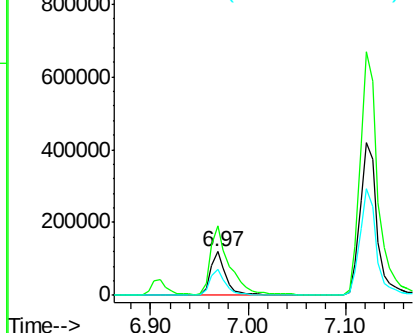
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 131146
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 60.9 50.1 75.1



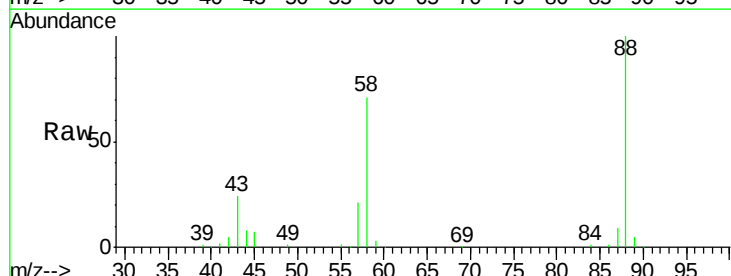
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



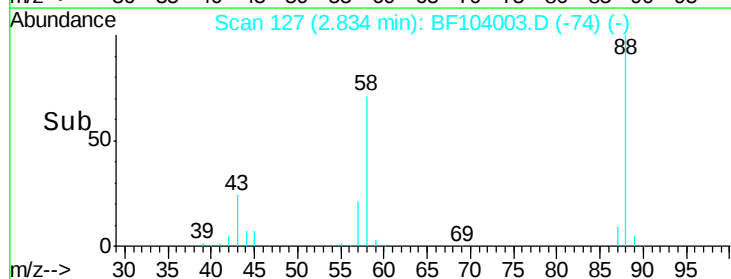
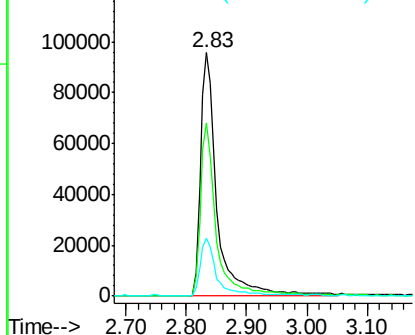
#2

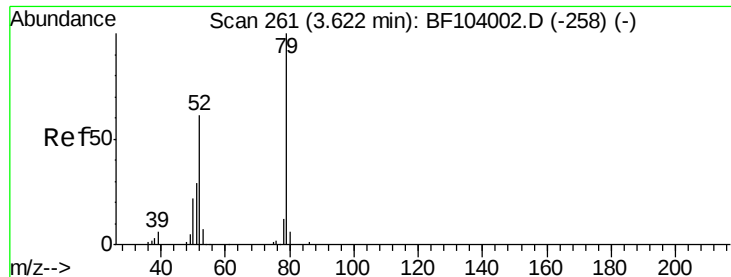
1,4-Dioxane
Concen: 43.385 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion: 88 Resp: 184197
Ion Ratio Lower Upper
88 100
58 67.5 62.6 93.8
43 23.8 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: 38.971 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.01 min

Lab File: BF104003.D

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Instrument :

BNA_F

ClientSampleId :

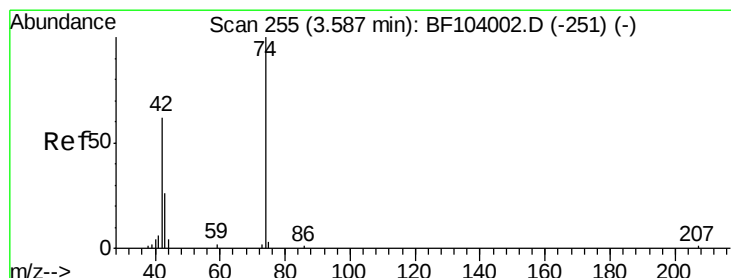
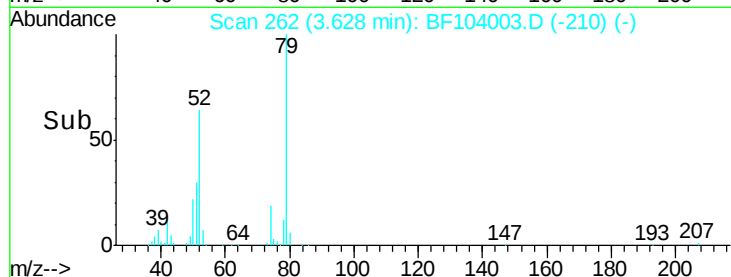
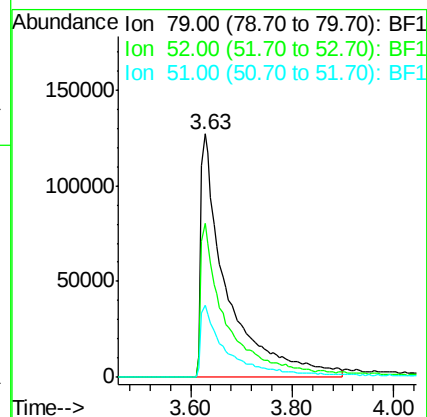
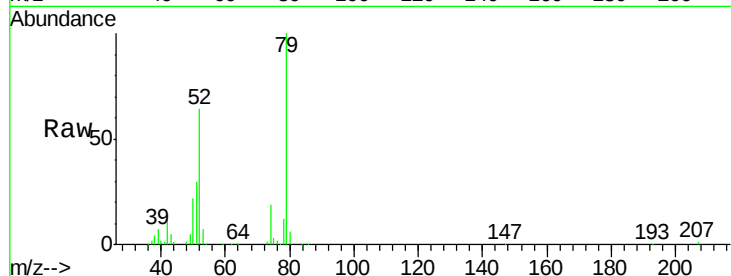
Tot Ion: 79 Resp: 455094

Ion Ratio Lower Upper

79 100

52 63.5 59.8 89.6

51 29.6 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 30.120 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.02 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

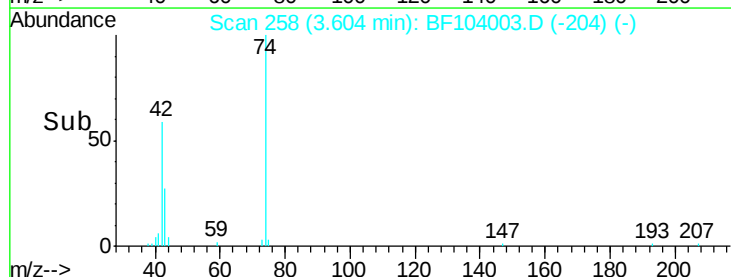
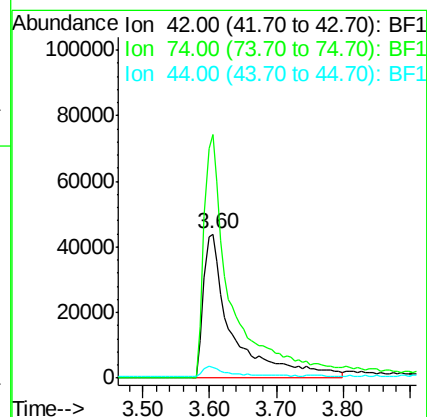
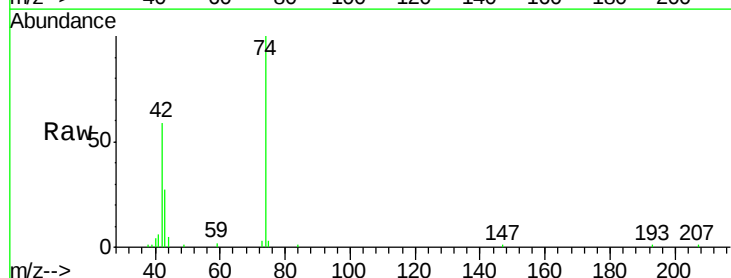
Tgt Ion: 42 Resp: 129690

Ion Ratio Lower Upper

42 100

74 168.8 104.9 157.3#

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 95.754 ng

RT: 5.60 min Scan# 597

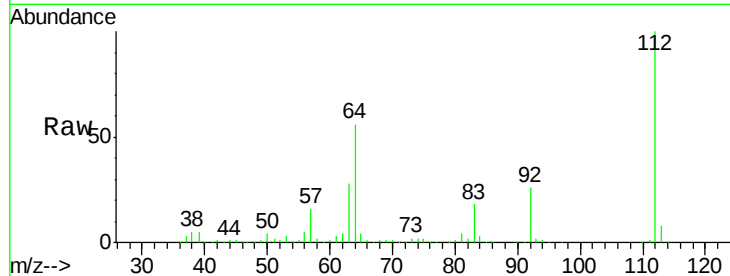
Delta R.T. -0.00 min

Lab File: BF104003.D

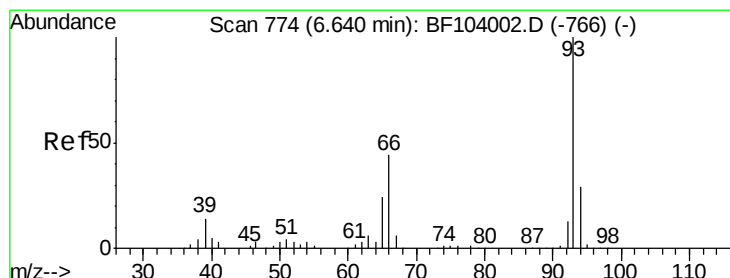
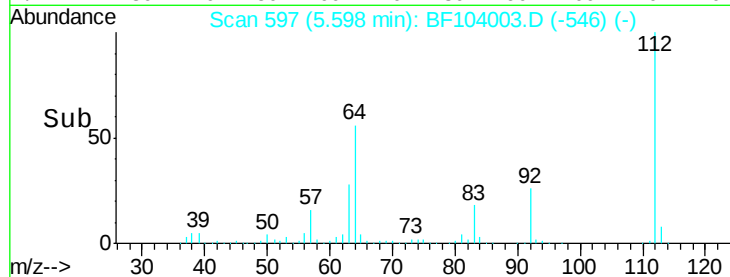
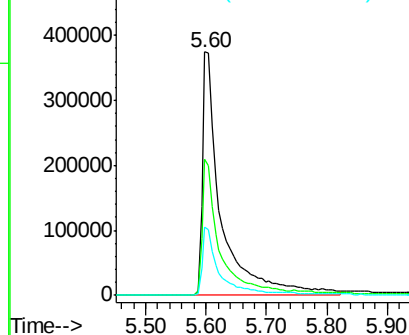
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ClientSampleId :

Tot Ion:112	Resp:	825626
Ion Ratio	Lower	Upper
112 100		
64 55.8	47.9	71.9
63 28.1	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: 42.293 ng

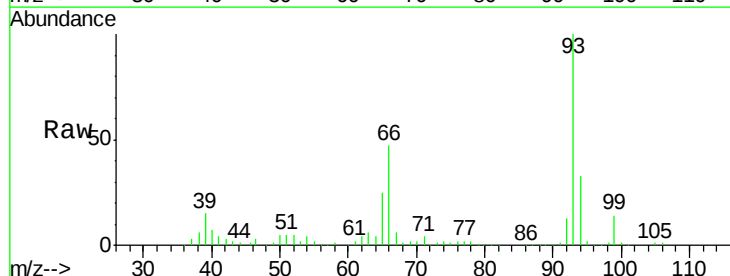
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

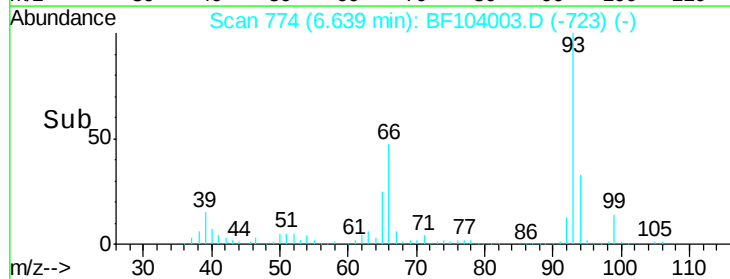
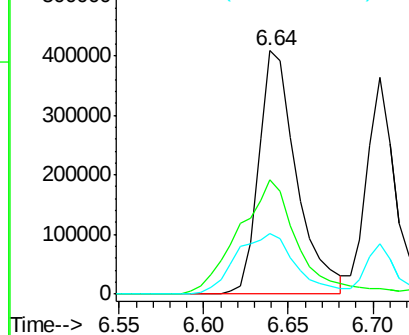
Lab File: BF104003.D

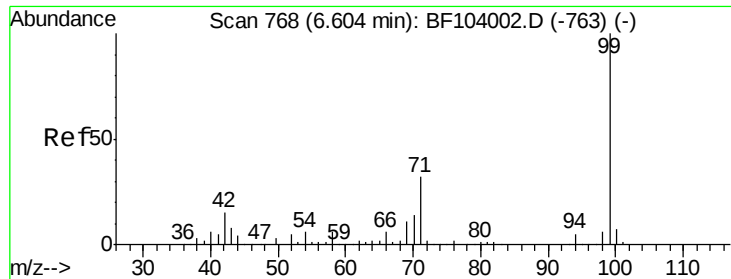
Acq: 28 Mar 2018 11:54

Tgt Ion: 93	Resp:	637063
Ion Ratio	Lower	Upper
93 100		
66 47.0	32.2	48.2
65 25.0	16.4	24.6



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





#7

Phenol-d6

Concen: 94.062 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

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ClientSampleId :

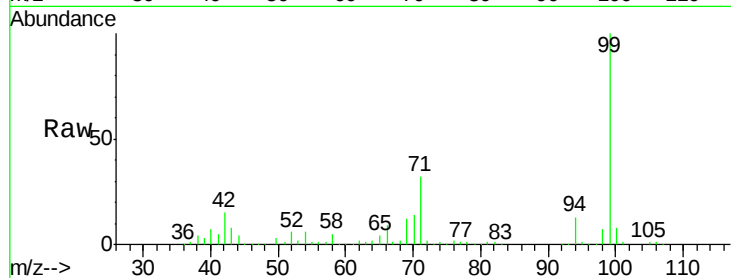
Tot Ion: 99 Resp: 992248

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

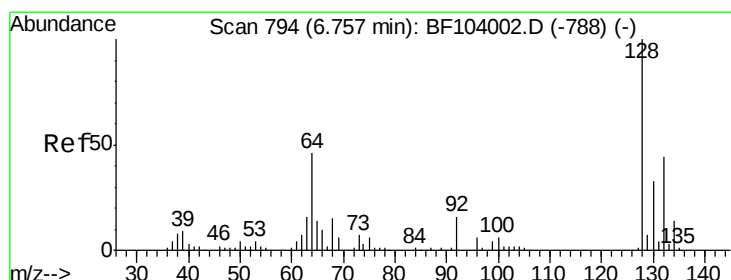
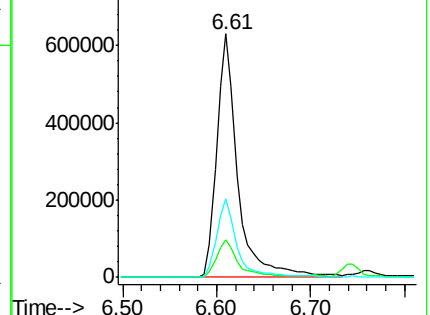
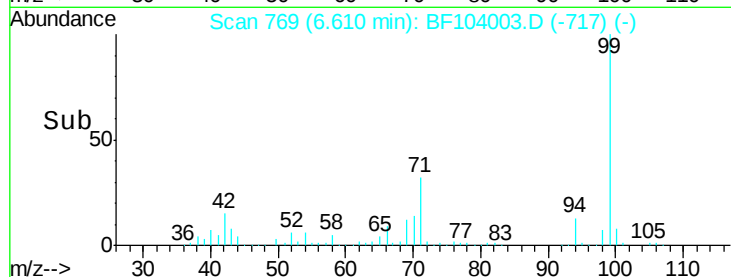
71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.775 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

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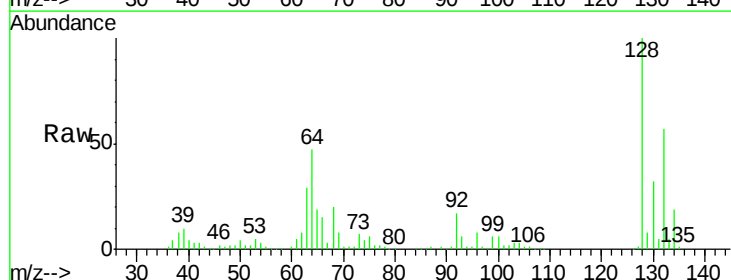
Tgt Ion: 128 Resp: 449593

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

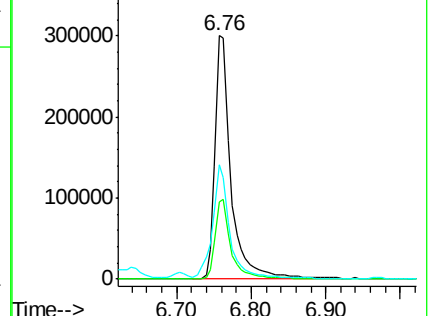
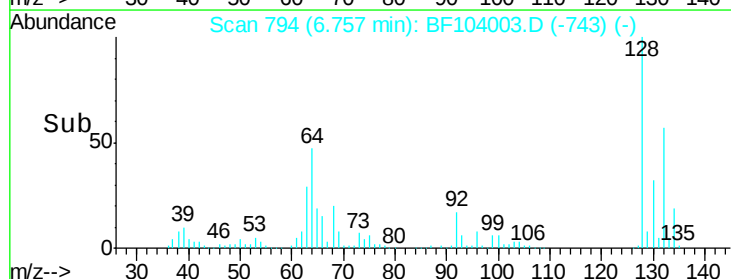
64 46.9 29.4 69.4

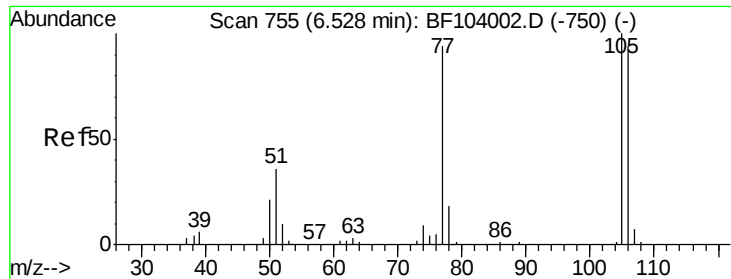


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.748 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

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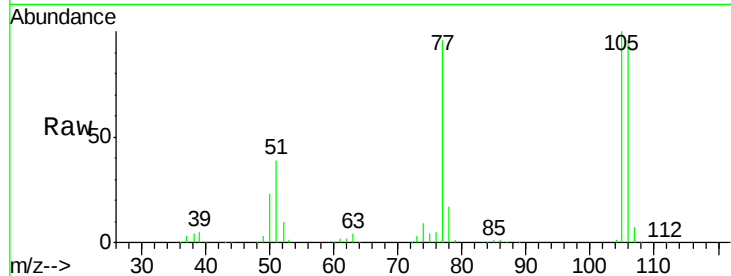
Tot Ion: 77 Resp: 233885

Ion Ratio Lower Upper

77 100

105 104.0 81.1 121.1

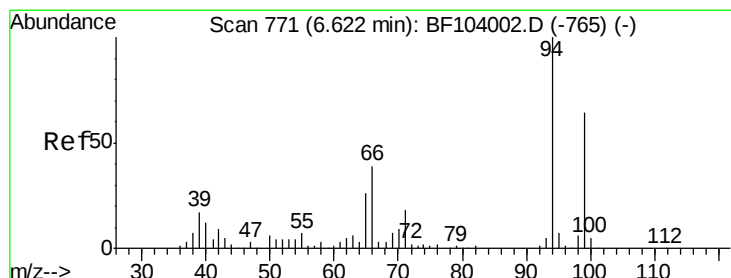
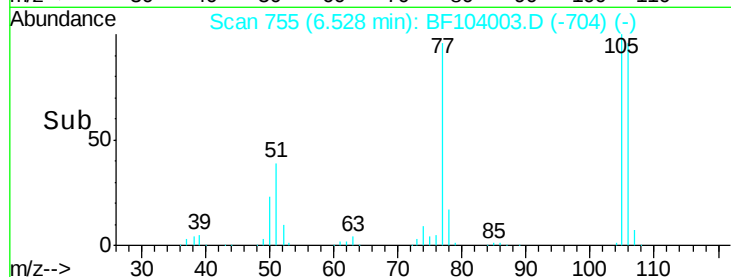
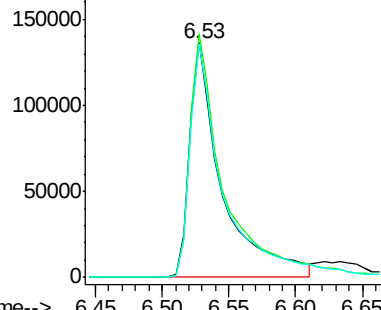
106 99.6 74.5 114.5



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: 48.786 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

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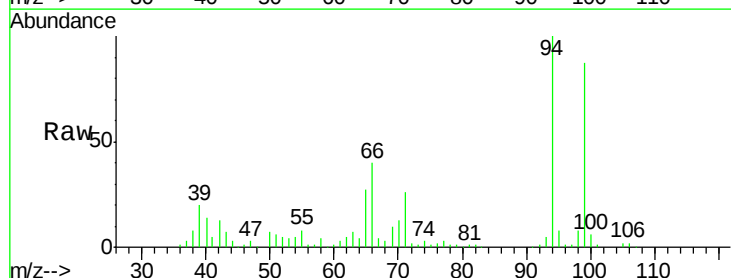
Tgt Ion: 94 Resp: 546854

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

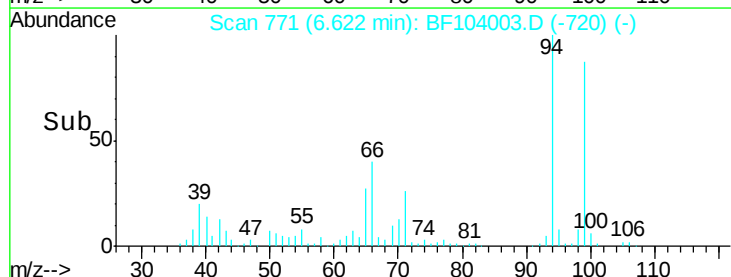
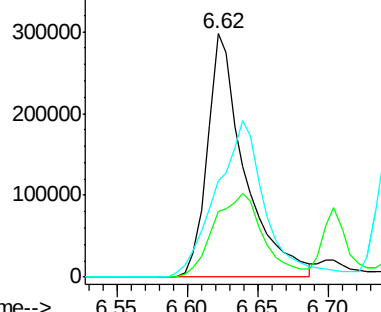
66 39.7 16.2 56.2



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: 53.069 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

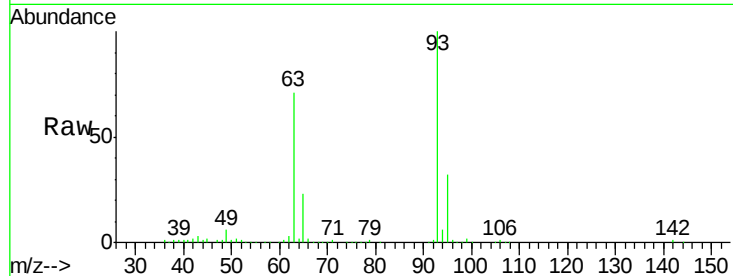
Tot Ion: 93 Resp: 491080

Ion Ratio Lower Upper

93 100

63 71.0 58.6 98.6

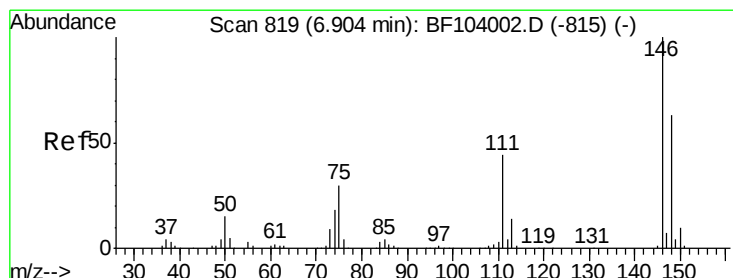
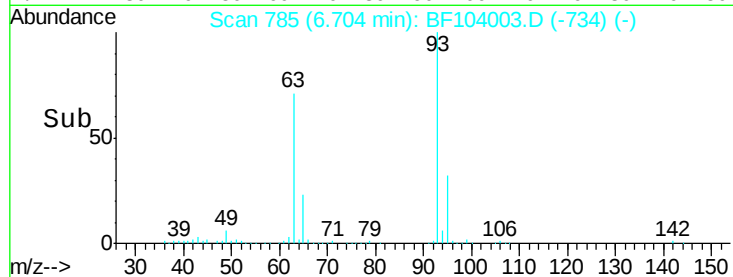
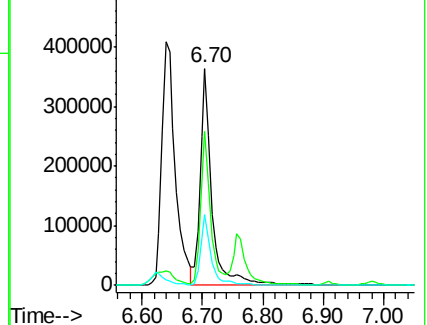
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 49.949 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

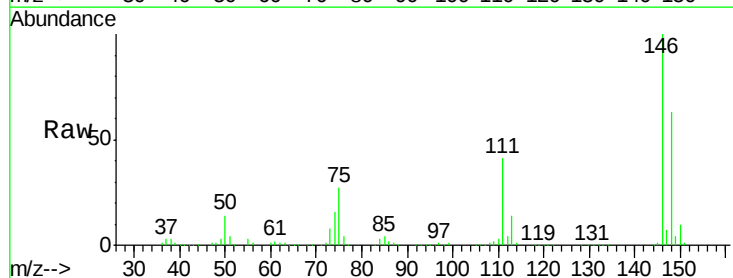
Tgt Ion: 146 Resp: 513853

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

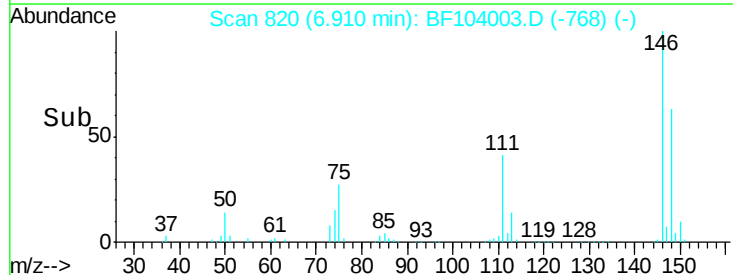
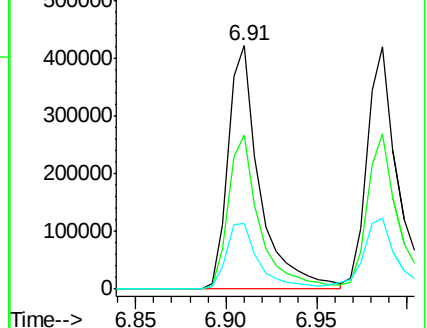
75 26.9 24.2 36.4

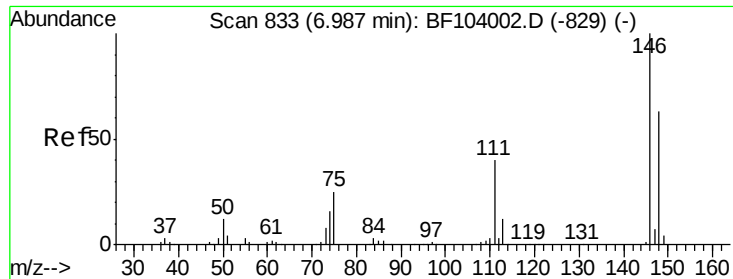


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 51.723 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampled :

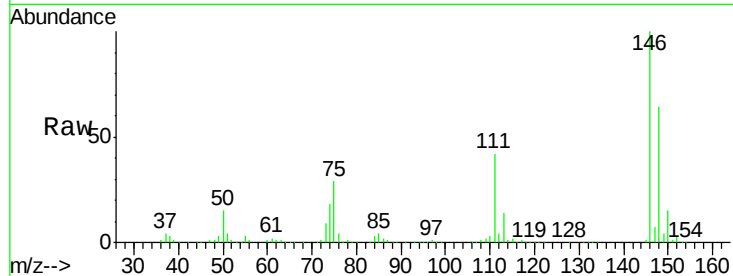
Tot Ion:146 Resp: 534689

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

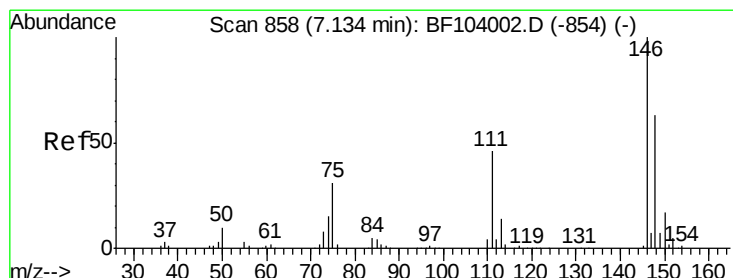
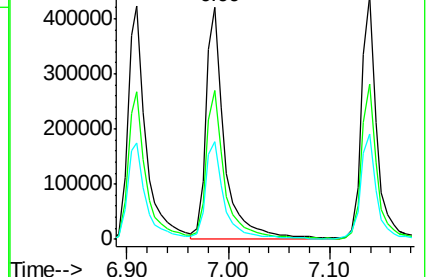
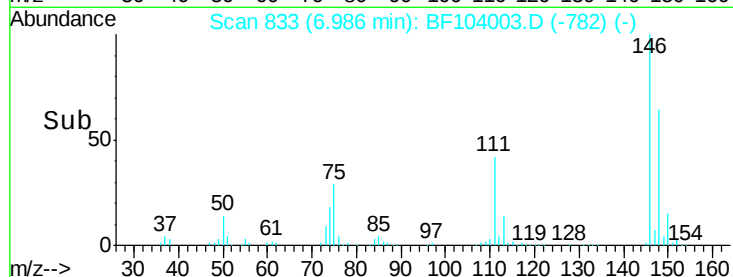
111 42.2 34.2 51.2



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: 48.726 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

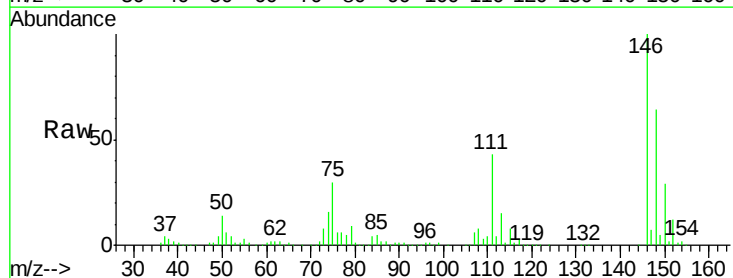
Tgt Ion:146 Resp: 467413

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

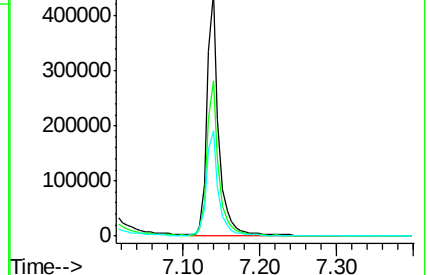
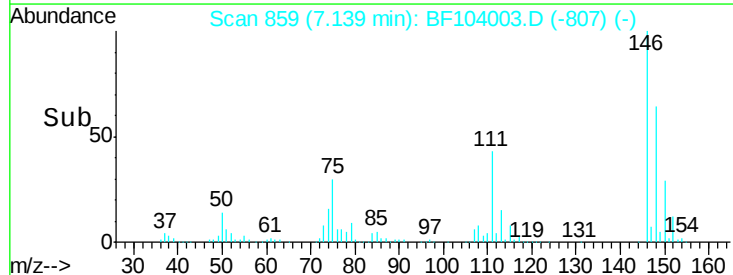
111 43.1 36.0 54.0

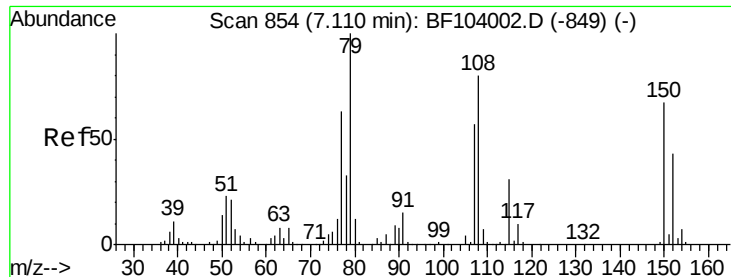


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

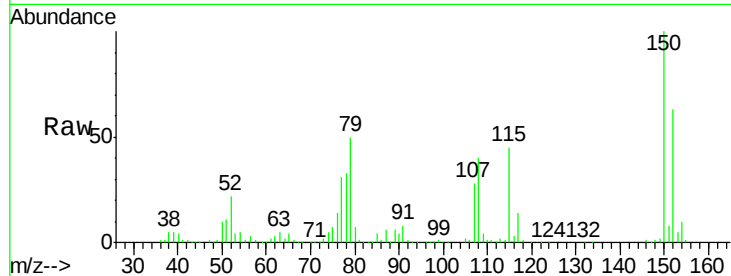




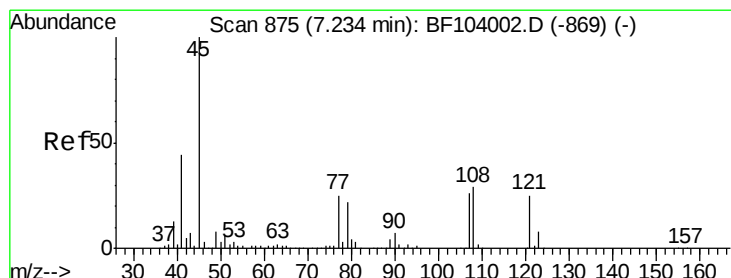
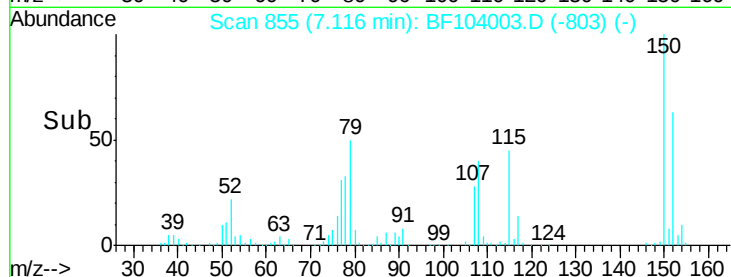
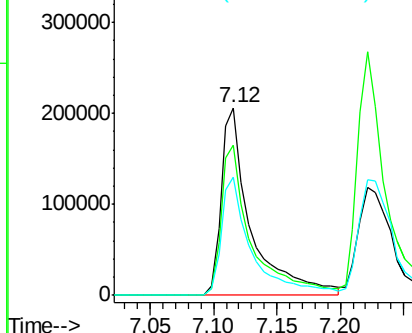
#15
Benzyl Alcohol
Concen: 41.206 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 336792
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 63.2 50.6 75.8

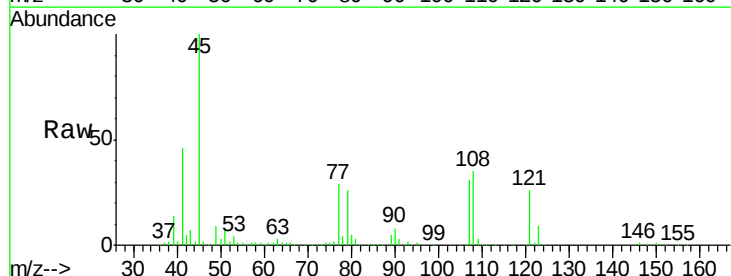


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

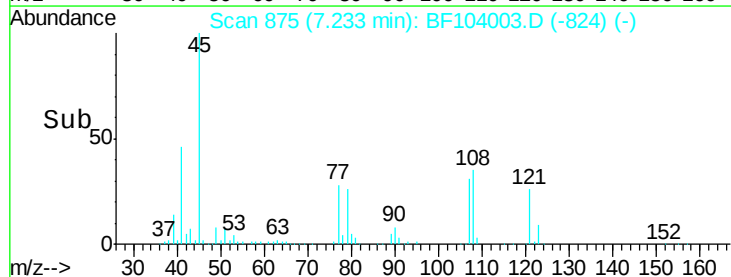
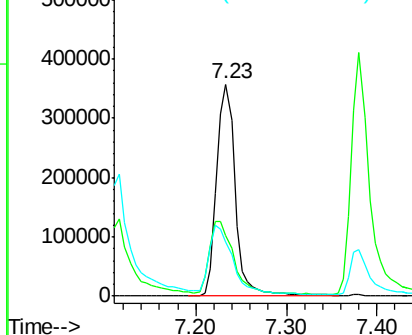


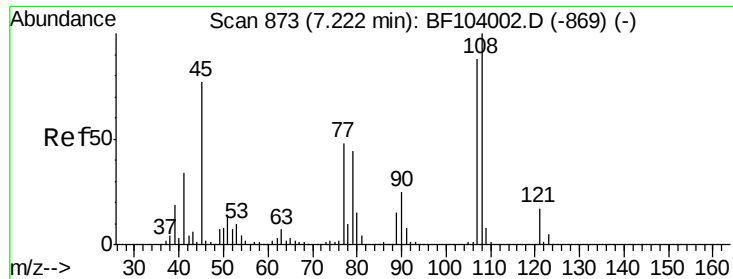
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.953 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion: 45 Resp: 512674
Ion Ratio Lower Upper
45 100
77 28.6 0.0 32.9
79 25.8 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

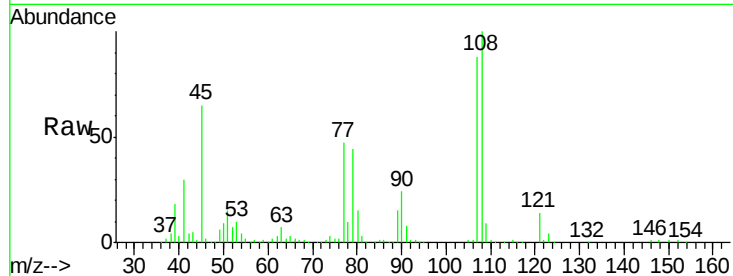




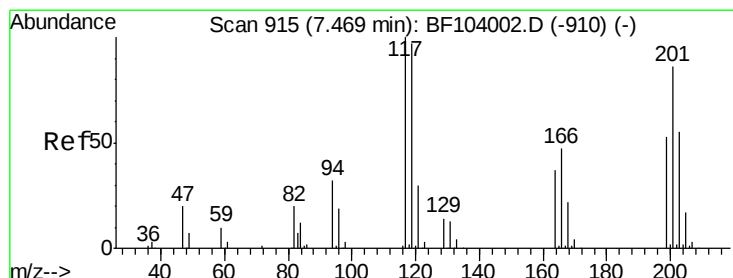
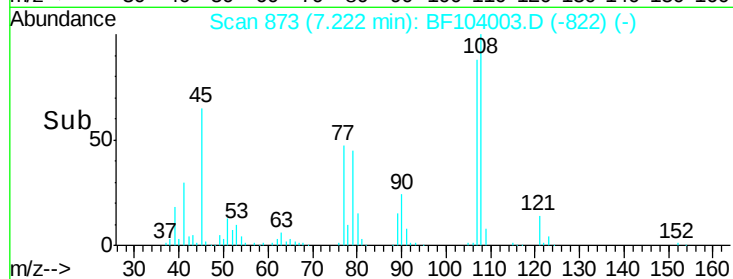
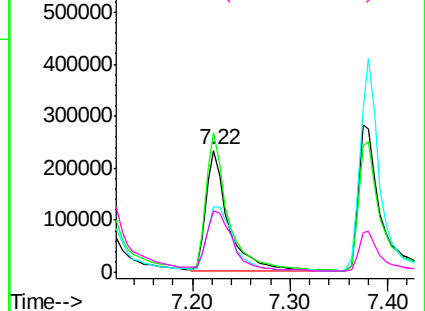
#17
2-Methylphenol
Concen: 46.598 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 374813
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 53.9 33.8 50.8#
79 50.6 33.8 50.8

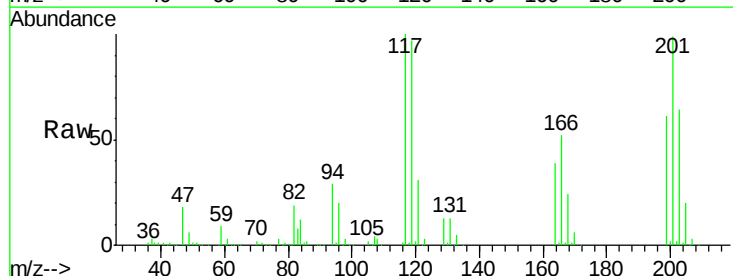


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

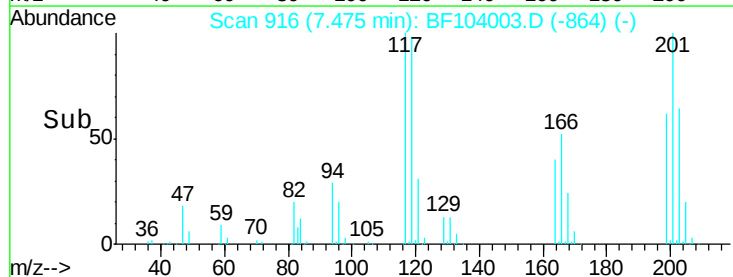
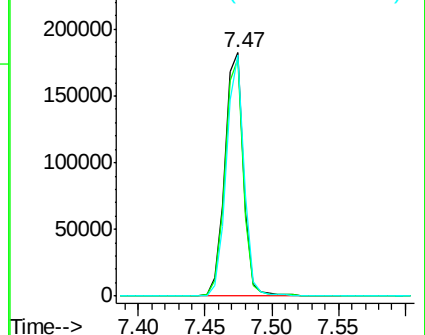


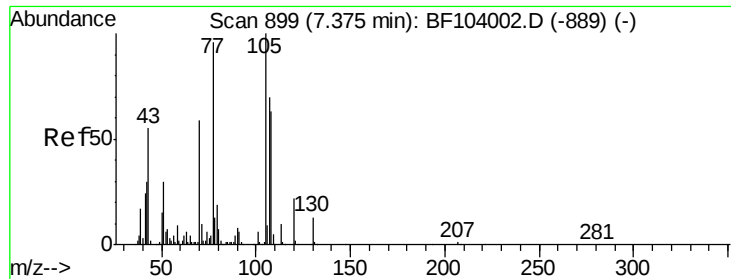
#18
Hexachloroethane
Concen: 49.935 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:117 Resp: 181577
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 98.8 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

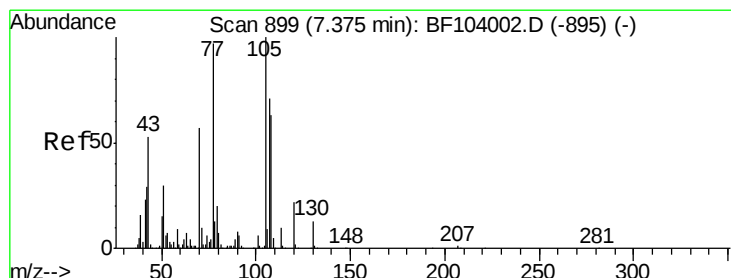
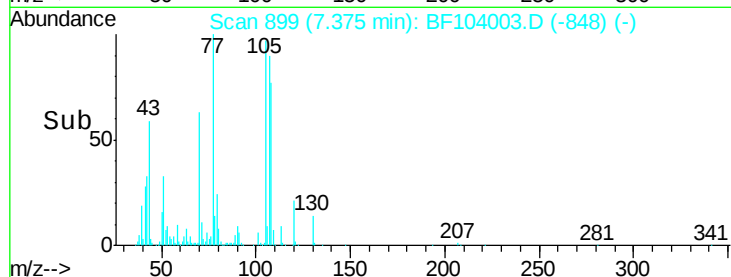
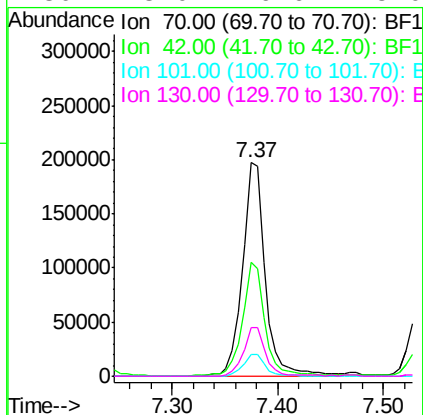
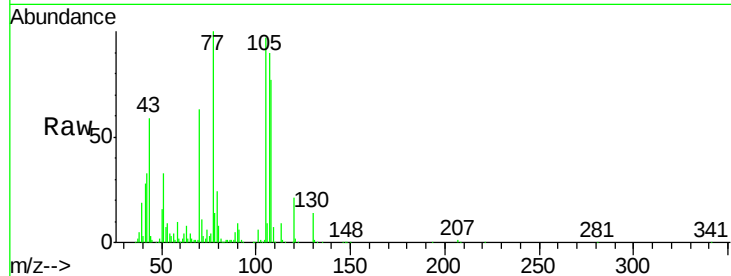




#19
n-Nitroso-di-n-propylamine
Concen: 43.592 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

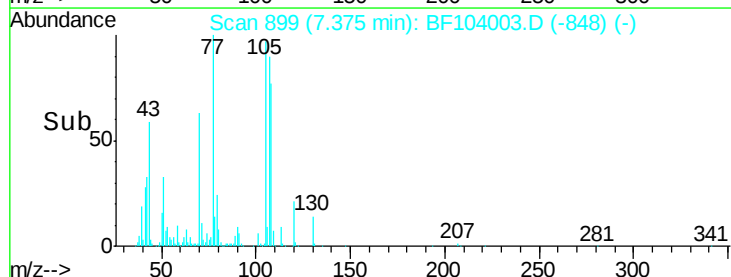
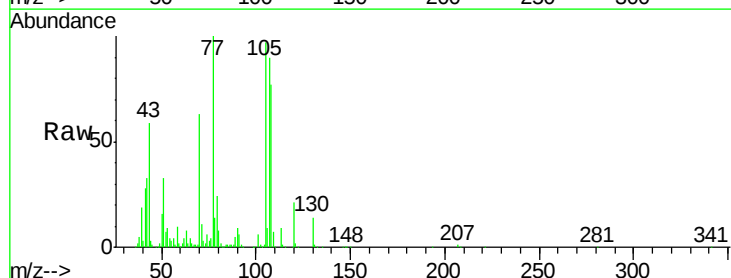
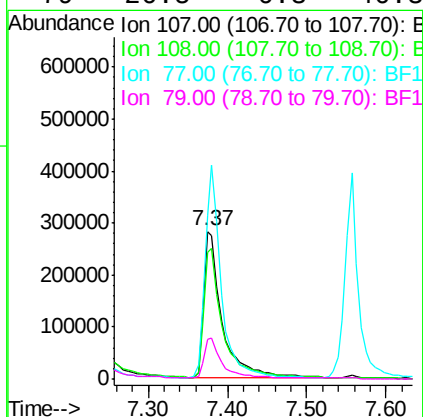
Instrument :
BNA_F
ClientSampleId :

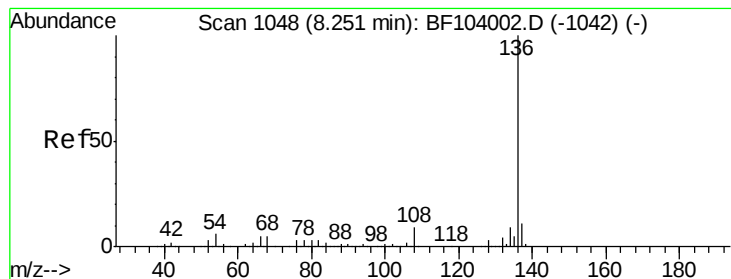
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	9.9	7.4	11.2
130	23.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 44.944 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.2	108.2
77	110.9	26.7	66.7#
79	26.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 546262

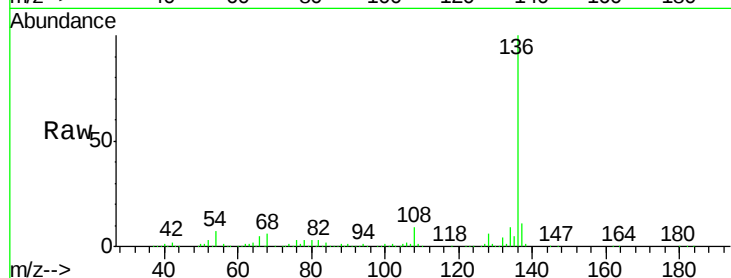
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 5.9 5.0 7.4

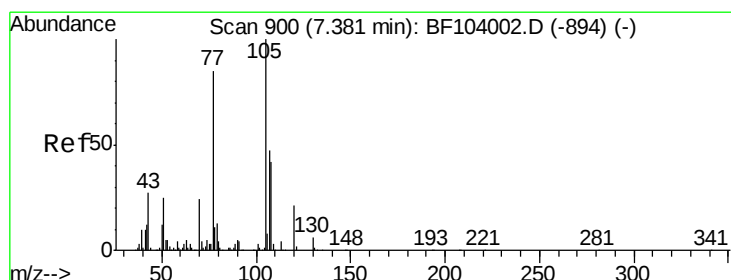
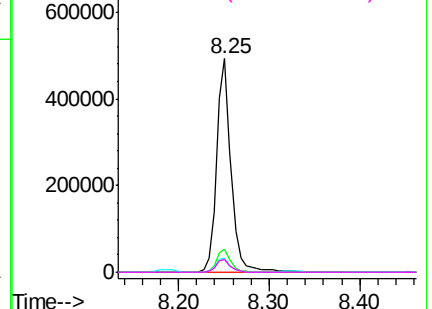
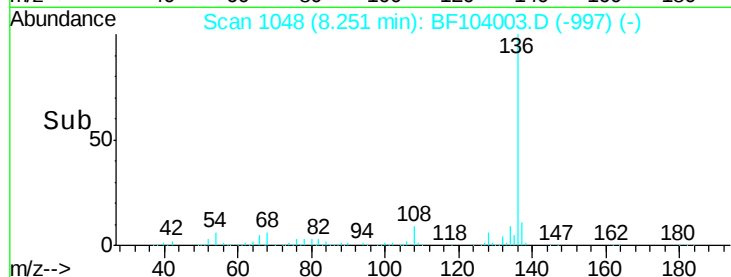


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.124 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Tgt Ion:105 Resp: 619461

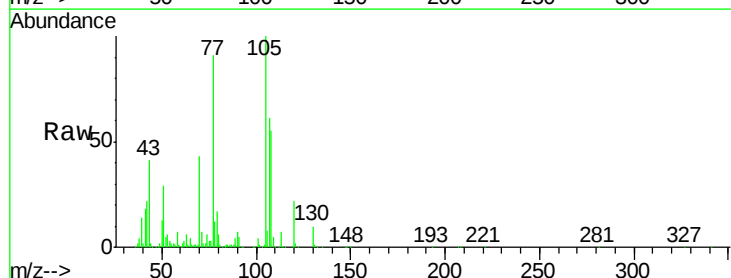
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 28.7 22.3 33.5

120 21.8 16.9 25.3

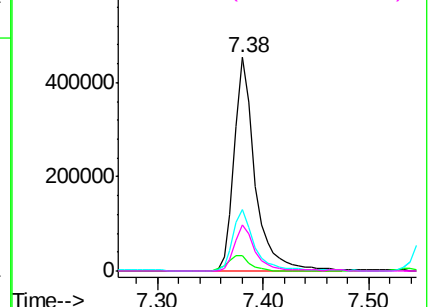
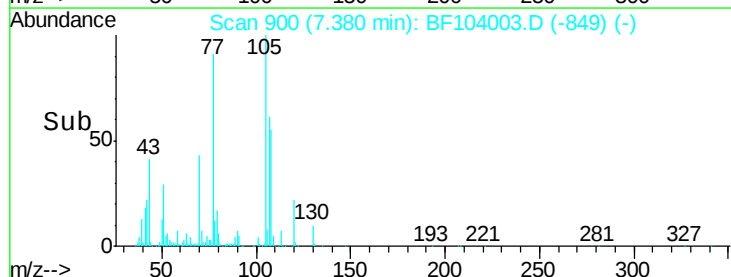


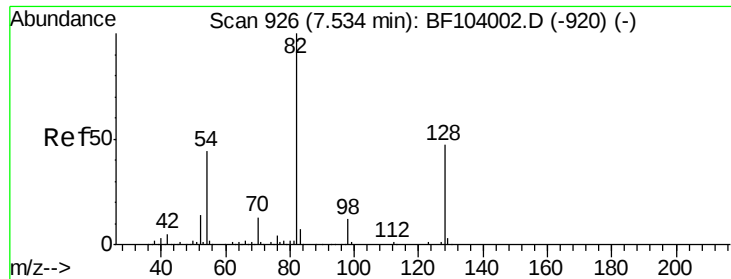
Abundance Ion 105.00 (104.70 to 105.70): E

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

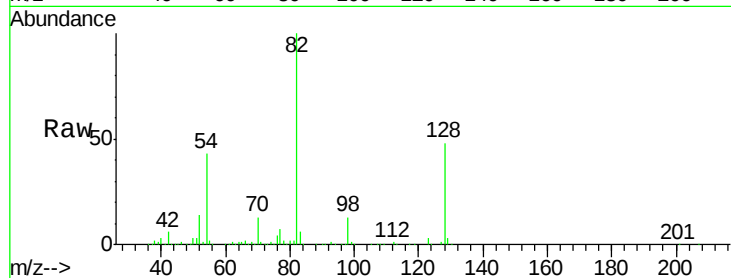




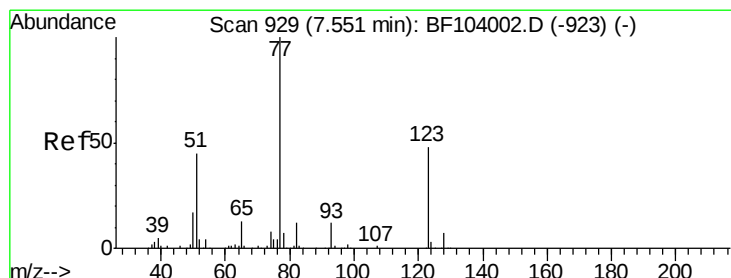
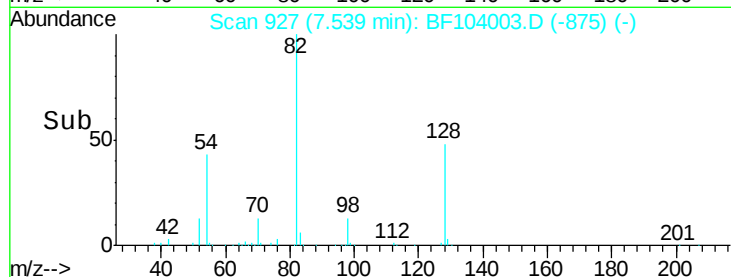
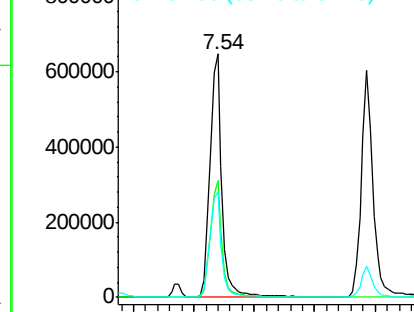
#23
Nitrobenzene-d5
Concen: 113.705 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 890683
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 43.4 41.4 62.2

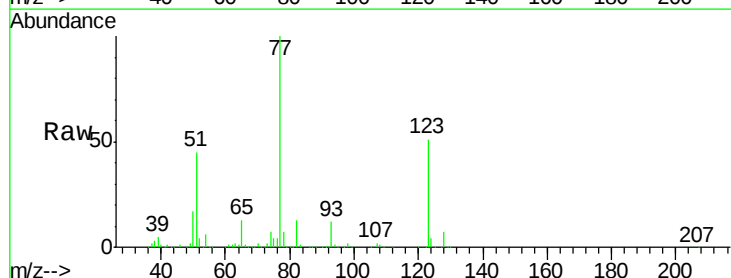


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

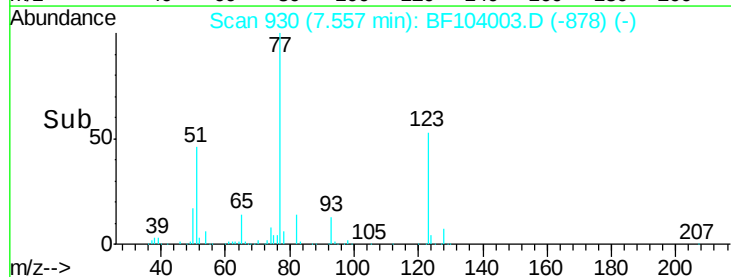
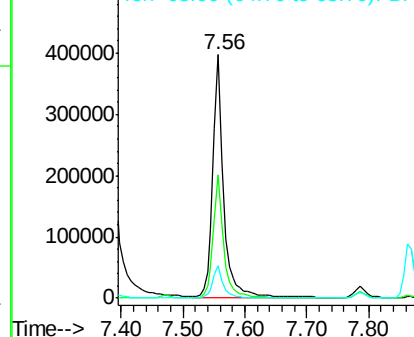


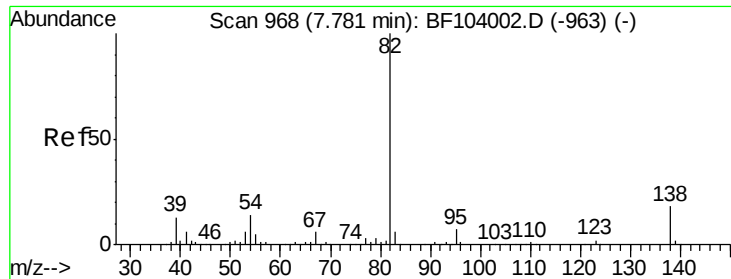
#24
Nitrobenzene
Concen: 51.565 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion: 77 Resp: 474214
Ion Ratio Lower Upper
77 100
123 50.5 37.9 56.9
65 13.2 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: 45.393 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

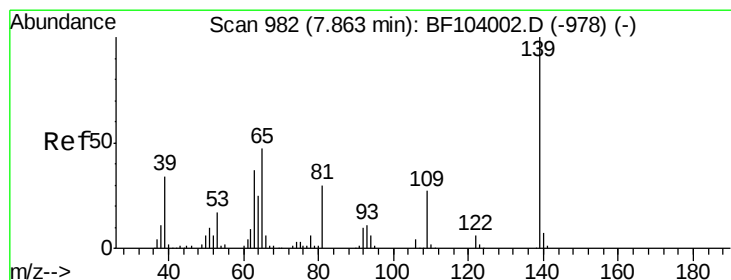
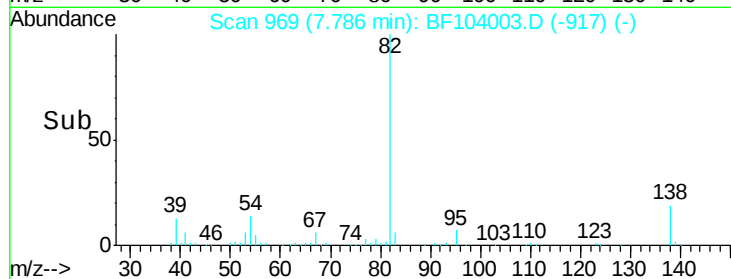
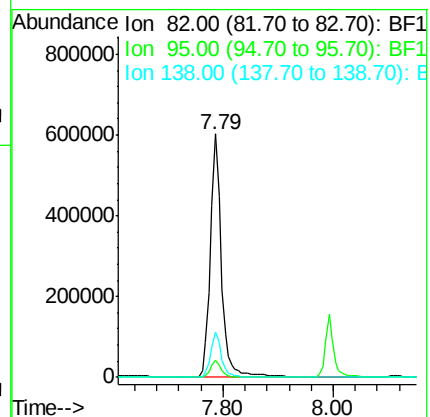
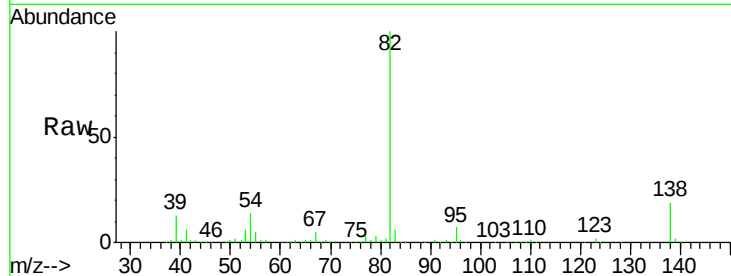
Tot Ion: 82 Resp: 823132

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 83.807 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

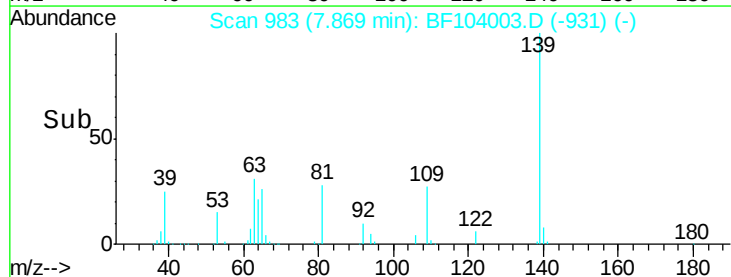
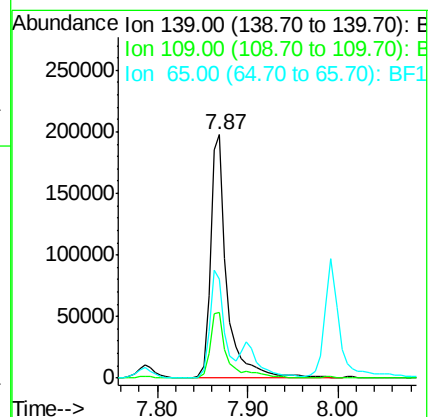
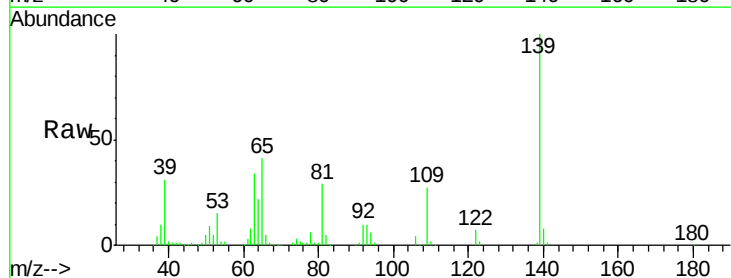
Tgt Ion: 139 Resp: 252002

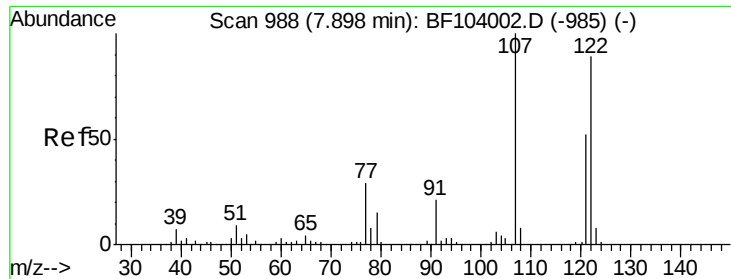
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 40.7 40.5 60.7

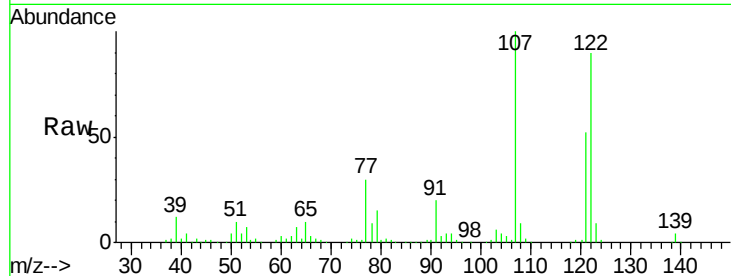




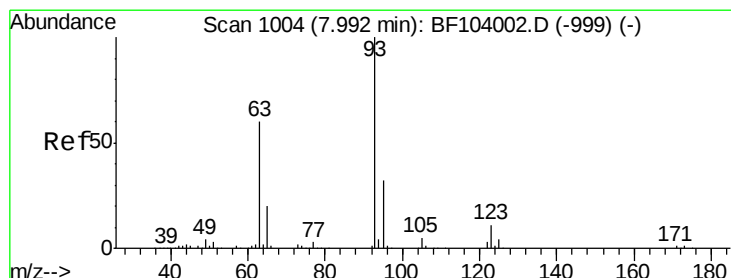
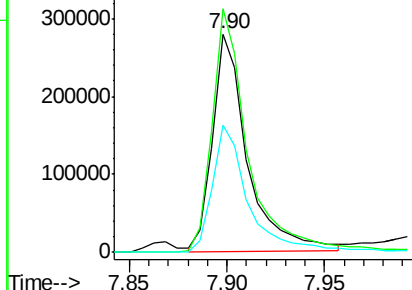
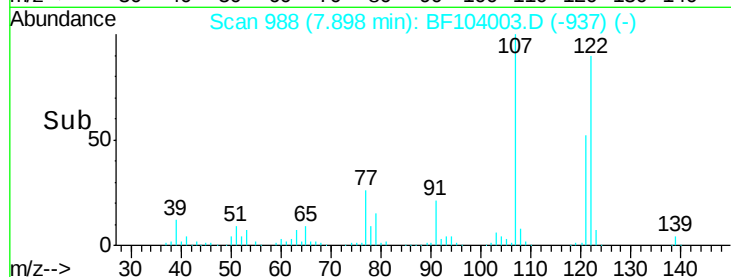
#27
2,4-Dimethylphenol
Concen: 44.939 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 349108
Ion Ratio Lower Upper
122 100
107 111.5 91.2 136.8
121 58.1 47.2 70.8

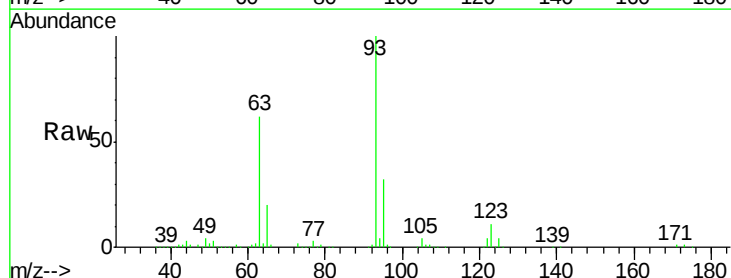


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

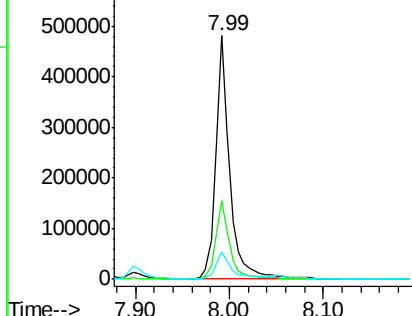
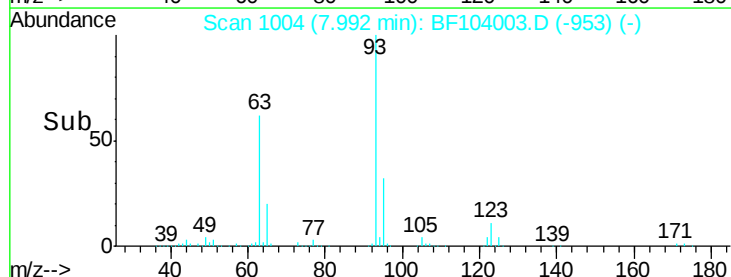


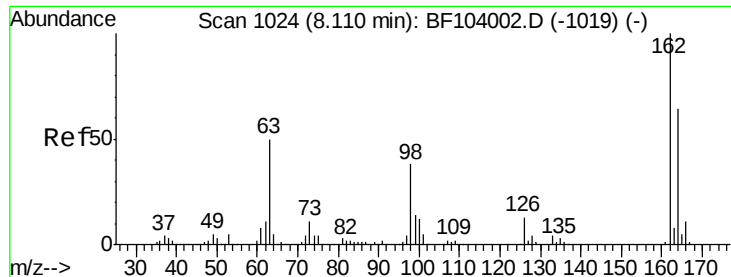
#28
bis(2-Chloroethoxy)methane
Concen: 46.093 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion: 93 Resp: 506130
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 11.3 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

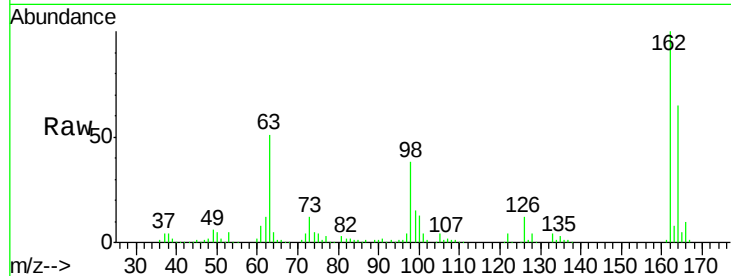




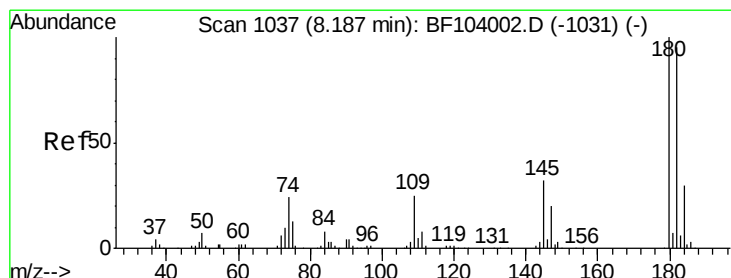
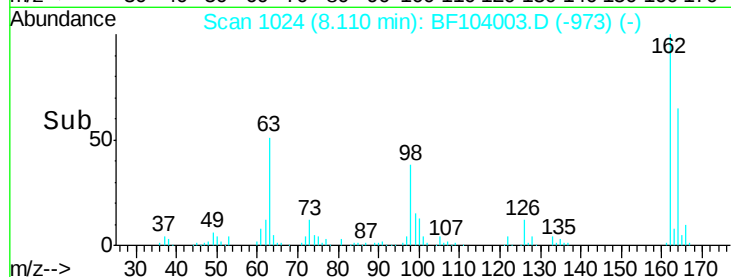
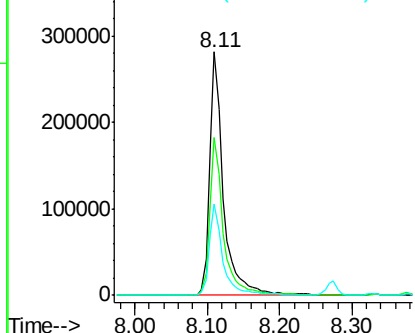
#29
2,4-Dichlorophenol
Concen: 52.543 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 371353
Ion Ratio Lower Upper
162 100
164 65.0 42.7 82.7
98 37.7 18.1 58.1

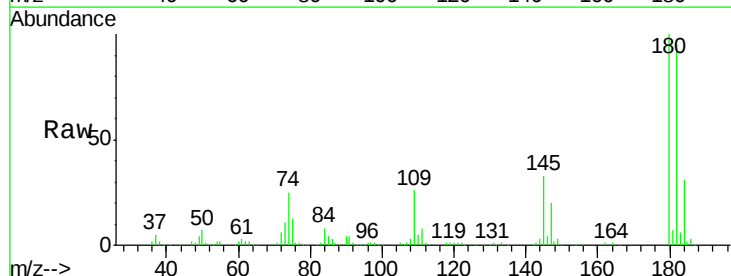


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

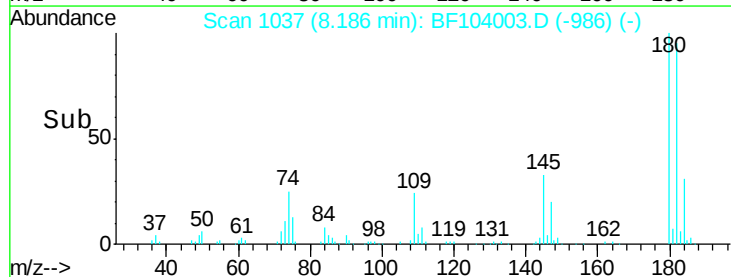
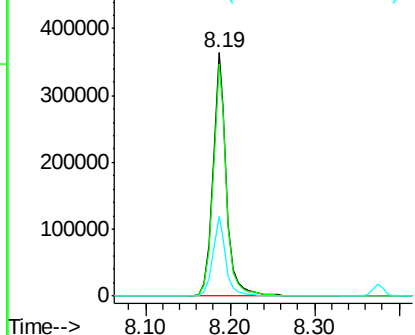


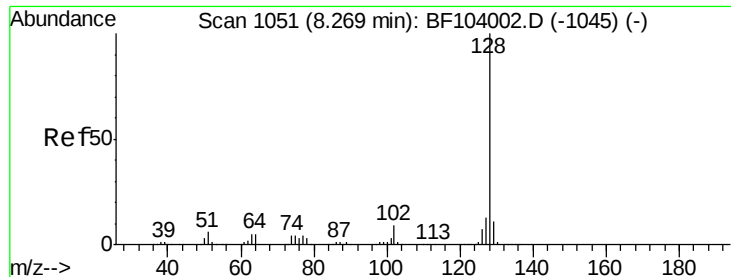
#30
1,2,4-Trichlorobenzene
Concen: 50.338 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:180 Resp: 412640
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
145 32.9 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: 46.808 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

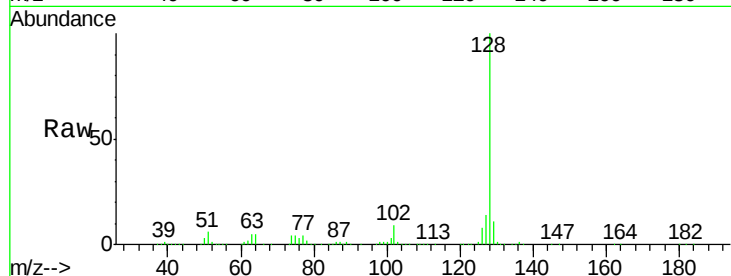
Tot Ion:128 Resp: 1291645

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

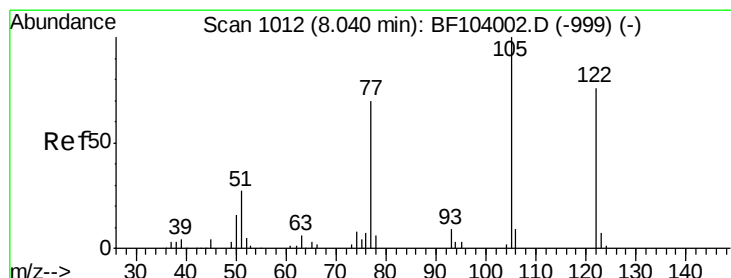
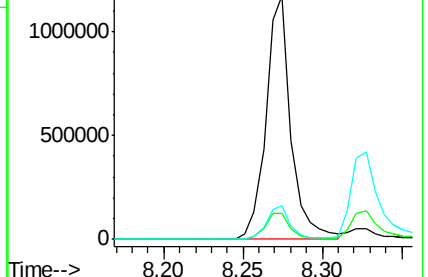
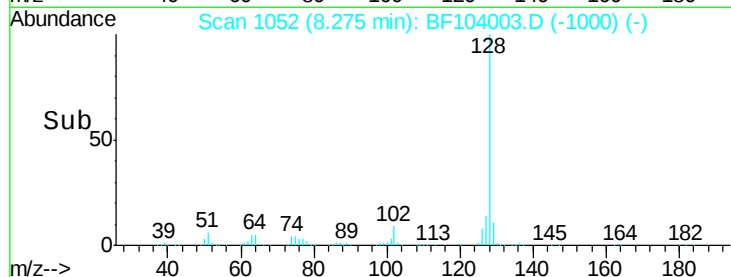
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.374 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

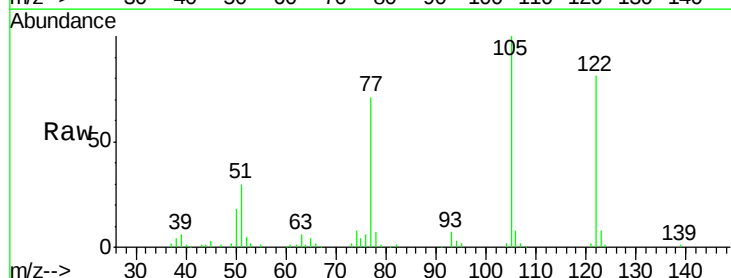
Tgt Ion:122 Resp: 281253

Ion Ratio Lower Upper

122 100

105 123.0 101.1 141.1

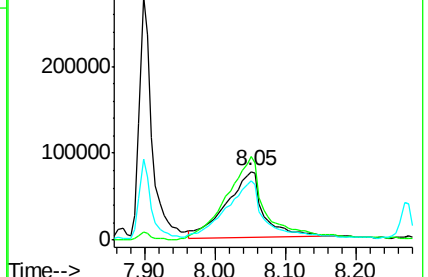
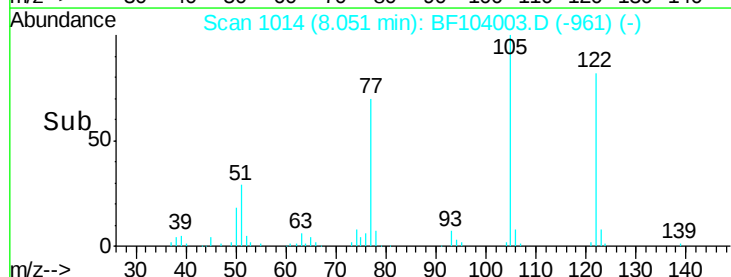
77 87.4 70.7 110.7

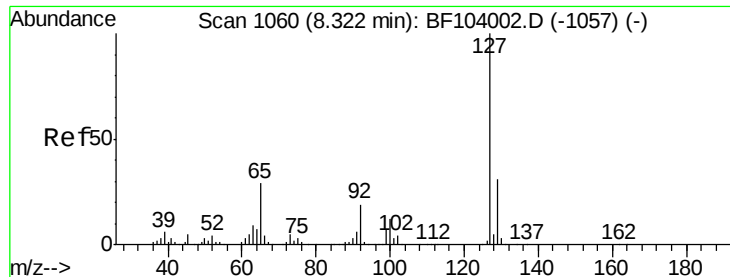


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

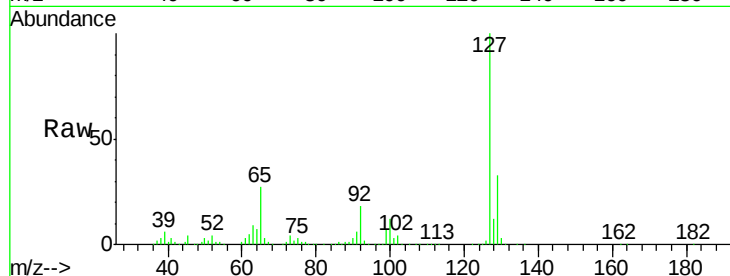




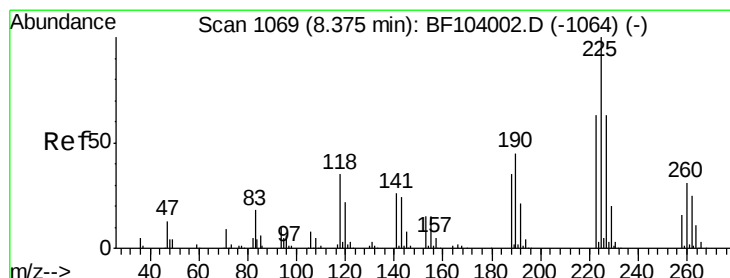
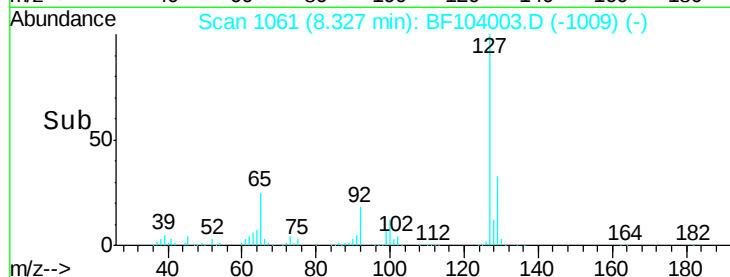
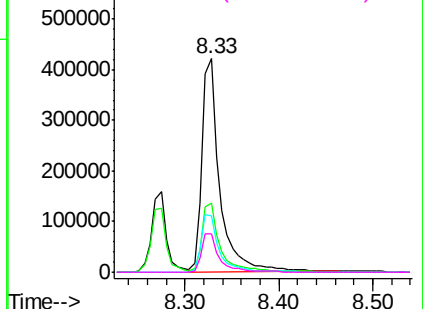
#33
4-Chloroaniline
Concen: 47.882 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	554319
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	26.6	25.0	37.4
92	18.0	15.2	22.8

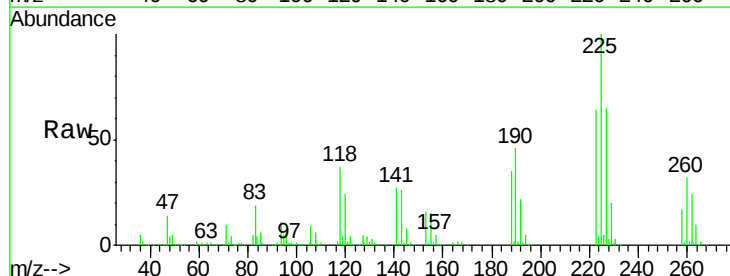


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

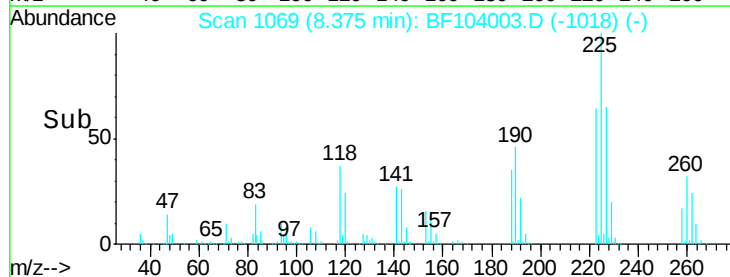
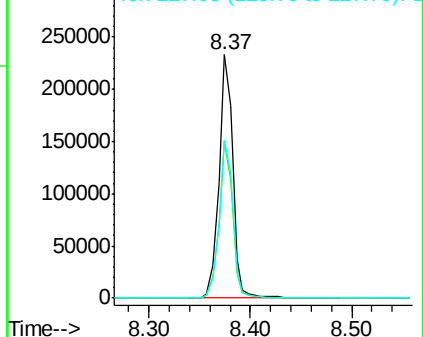


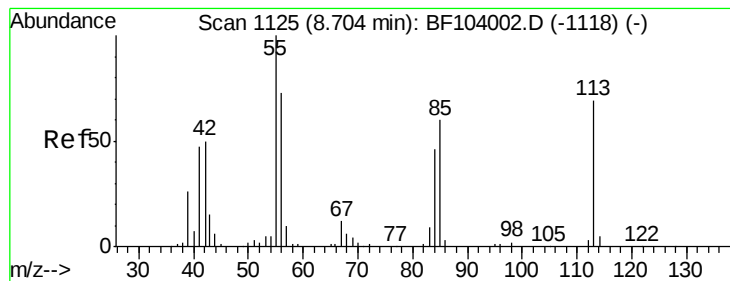
#34
Hexachlorobutadiene
Concen: 49.303 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:	225	Resp:	221586
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.8	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: 47.621 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

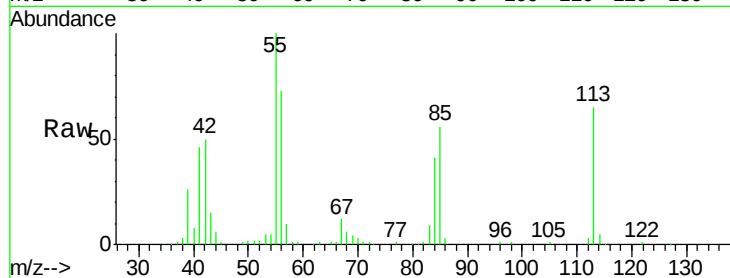
Tot Ion:113 Resp: 115894

Ion Ratio Lower Upper

113 100

55 154.6 163.3 203.3#

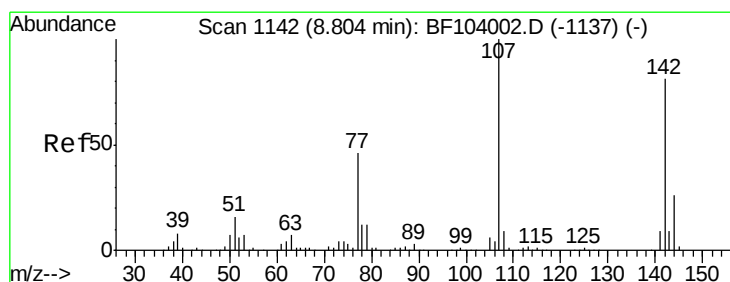
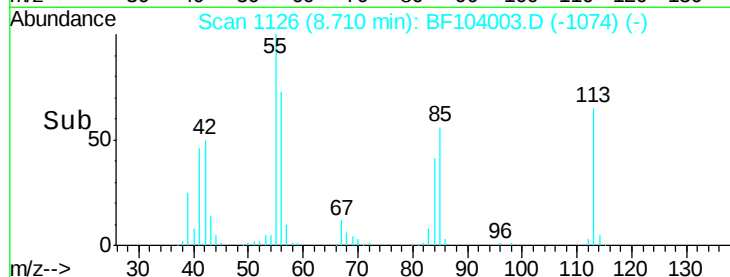
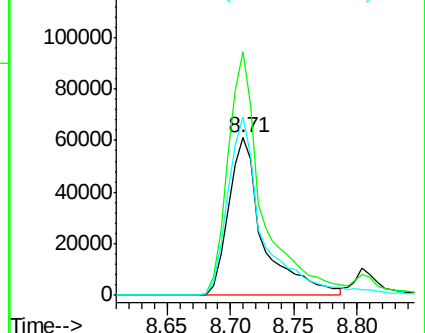
56 113.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.378 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

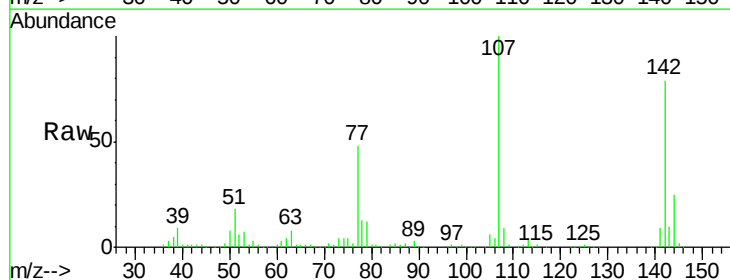
Tgt Ion:107 Resp: 392520

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

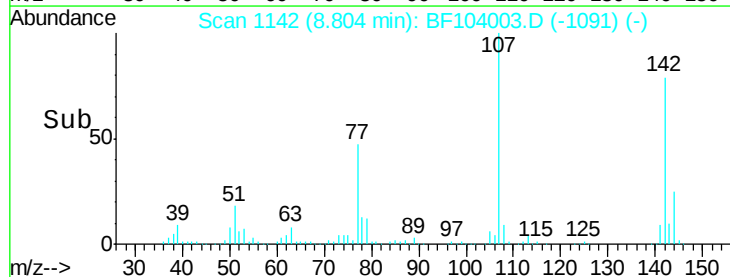
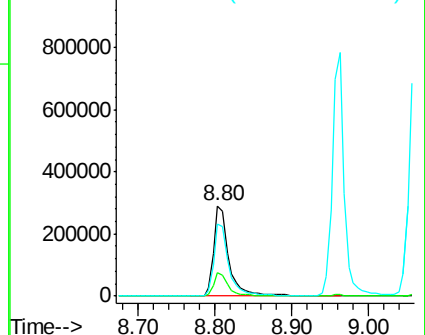
142 79.3 62.0 93.0

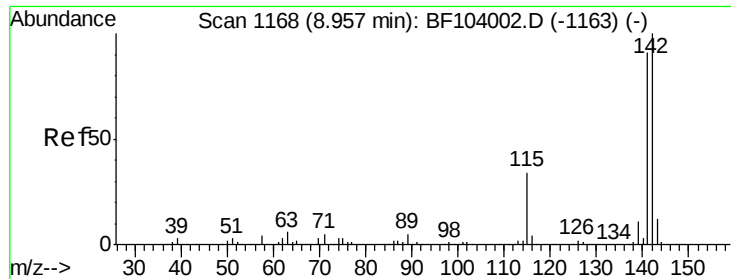


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

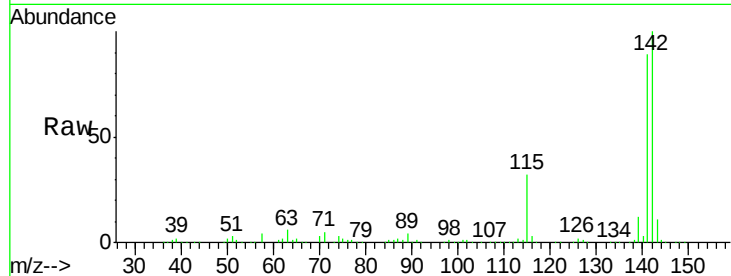




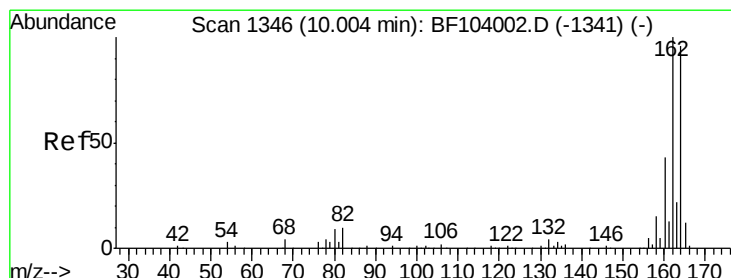
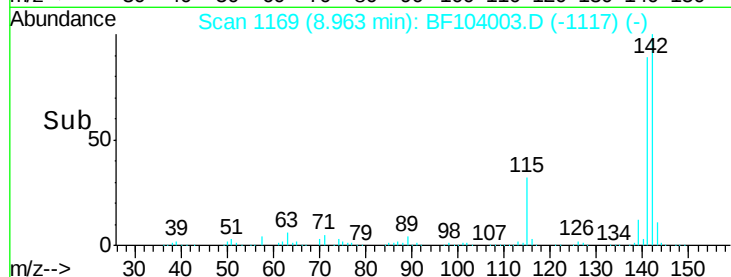
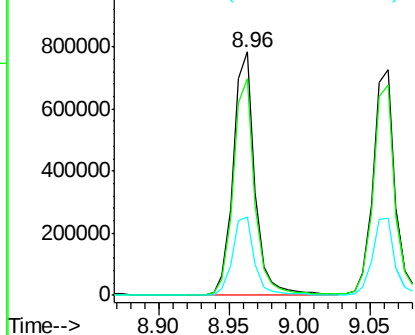
#37
 2-Methylnaphthalene
 Concen: 48.085 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 841452
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 32.5 26.1 39.1

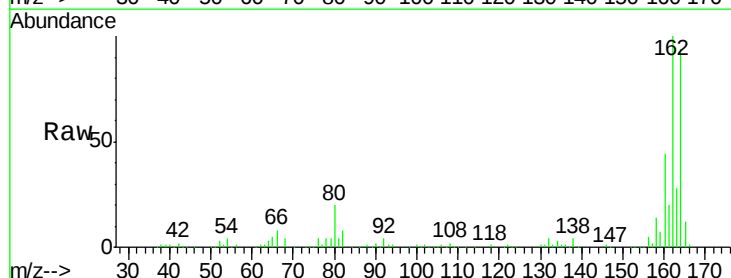


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

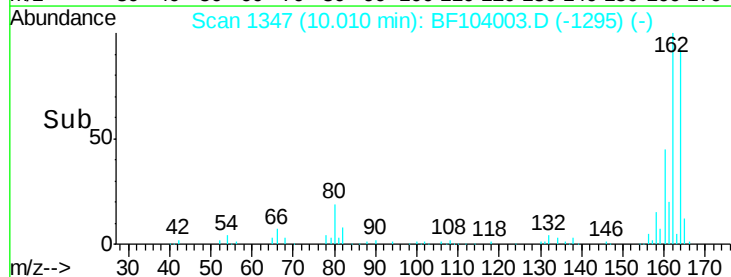
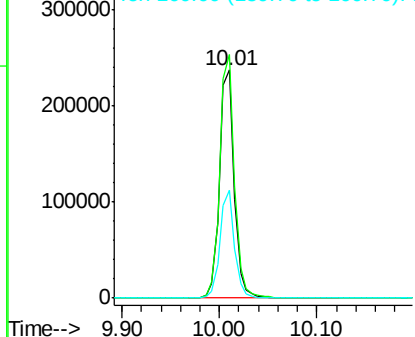


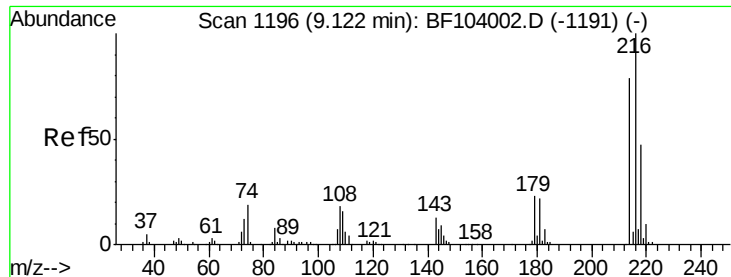
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:164 Resp: 250569
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 47.4 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: 53.422 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104003.D

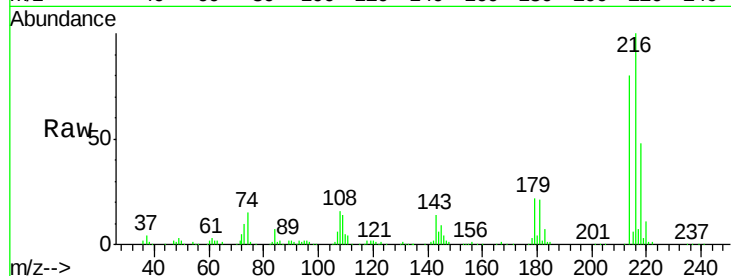
Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:216	Resp:	381887
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.0 94.4
179	21.8	18.1 27.1
108	19.2	17.2 25.8

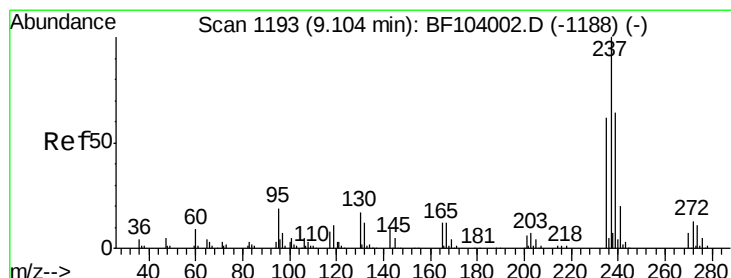
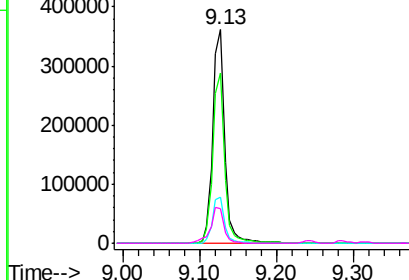
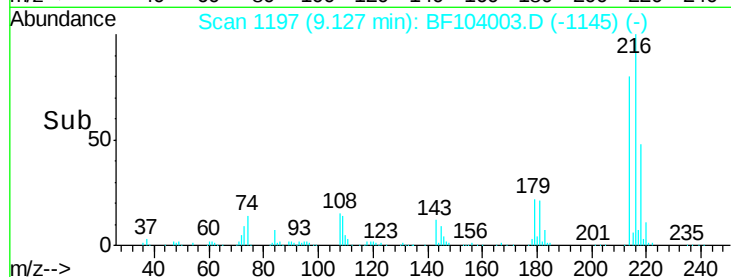


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.802 ng

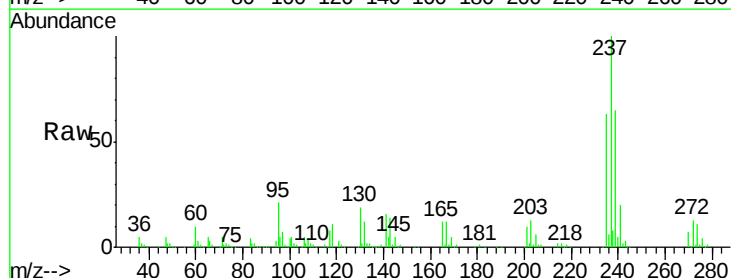
RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

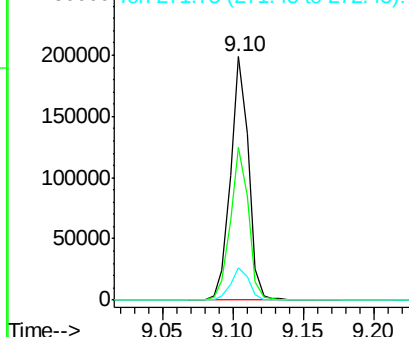
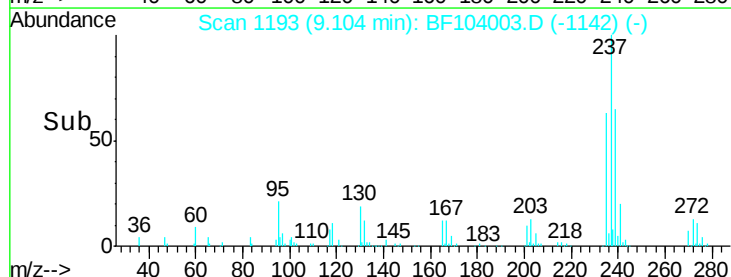
Tgt Ion:237	Resp:	176324
Ion Ratio	Lower	Upper
237	100	
235	62.8	44.8 84.8
272	13.4	0.0 33.3

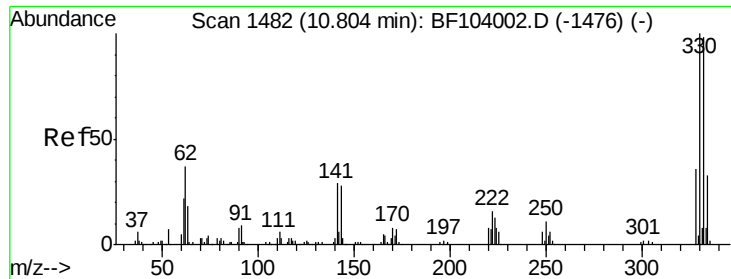


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

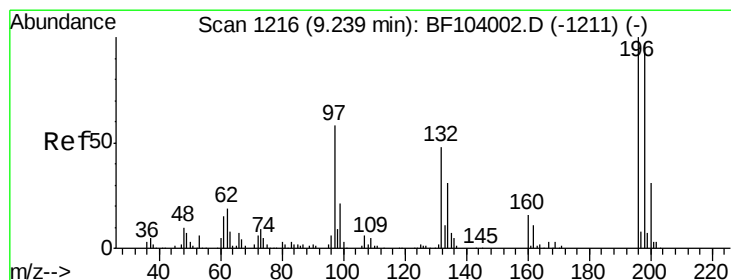
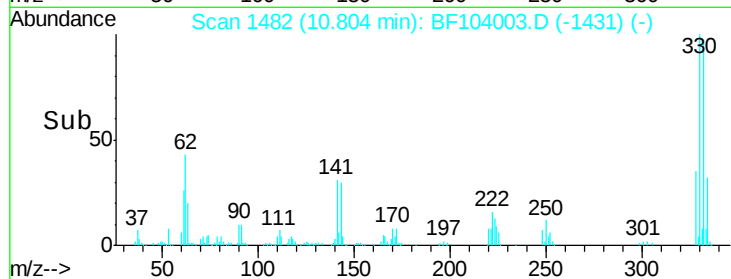
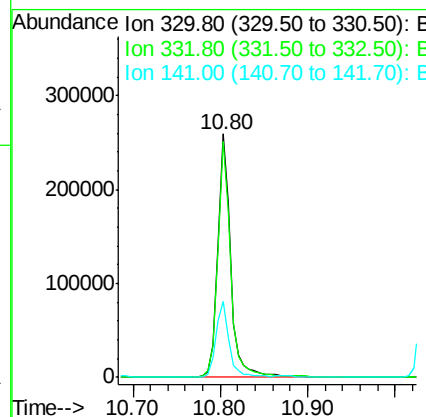
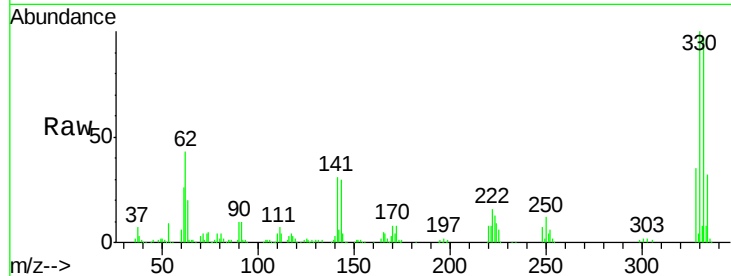




#41
 2,4,6-Tribromophenol
 Concen: 125.709 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

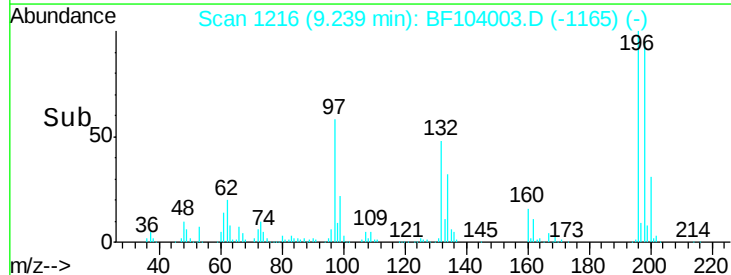
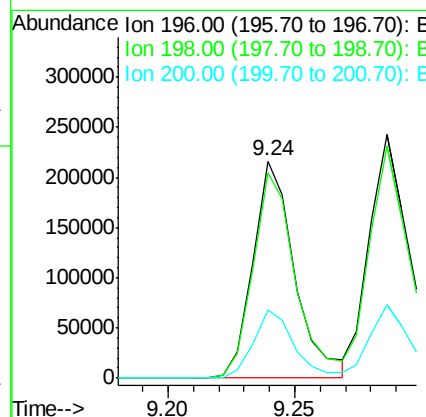
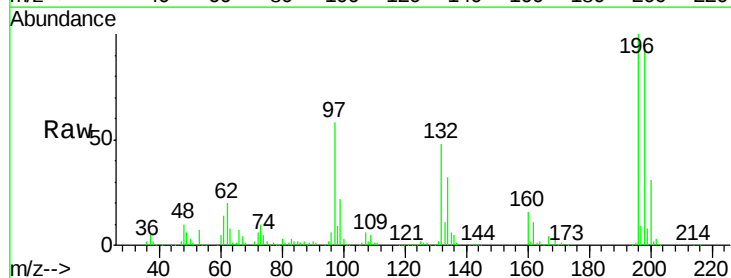
Instrument :
 BNA_F
 ClientSampleId :

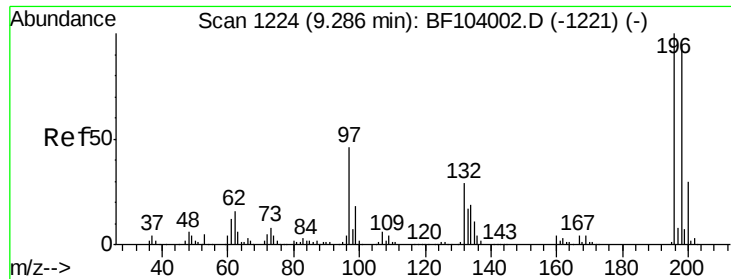
Tot Ion:330 Resp: 270829
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 31.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 54.246 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:196 Resp: 248031
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 31.3 24.5 36.7

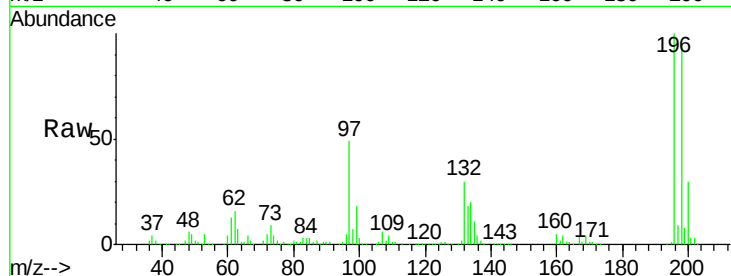




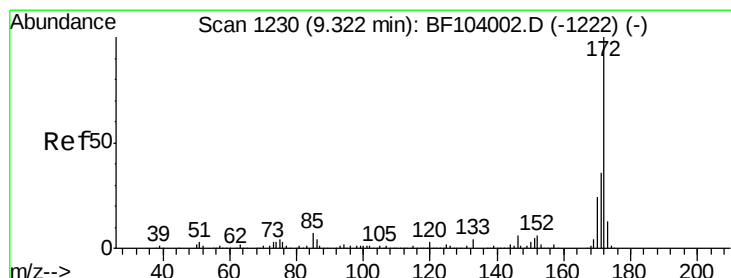
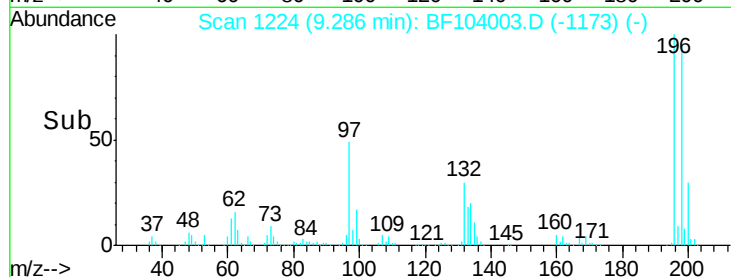
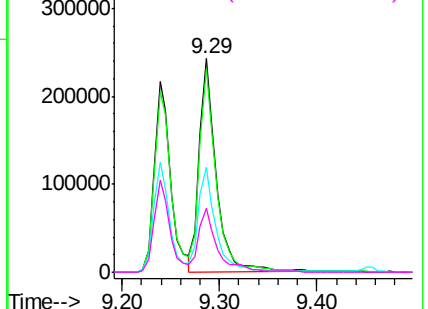
#43
 2,4,5-Trichlorophenol
 Concen: 57.022 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 294274
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.6 112.0
 97 49.1 42.9 64.3
 132 30.2 26.3 39.5

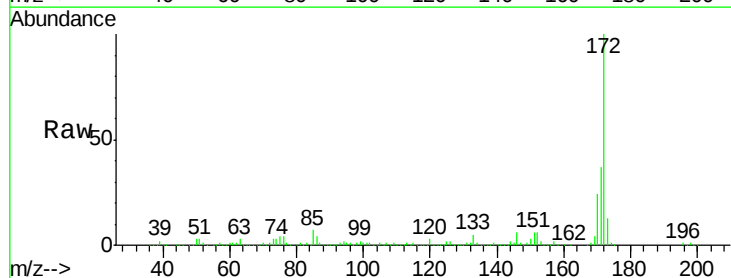


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

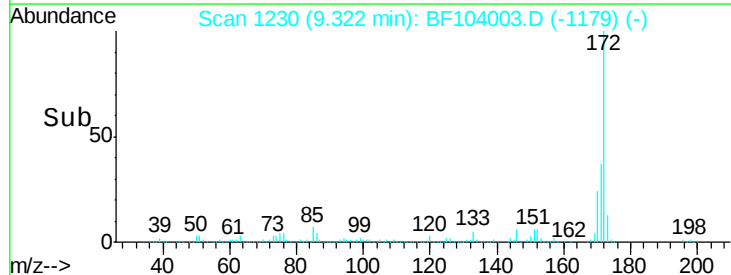
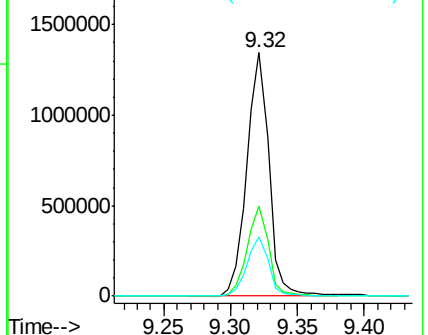


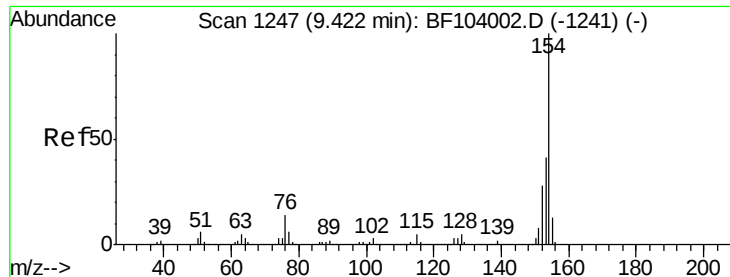
#44
 2-Fluorobiphenyl
 Concen: 97.559 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:172 Resp: 1532482
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.4 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

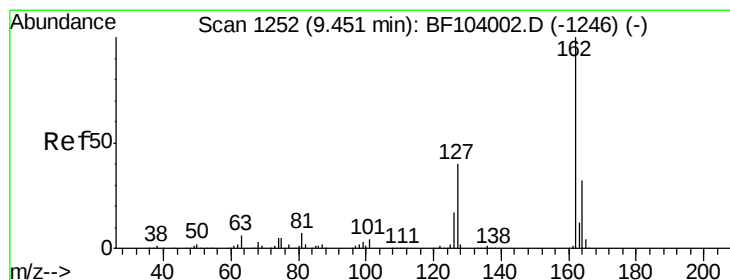
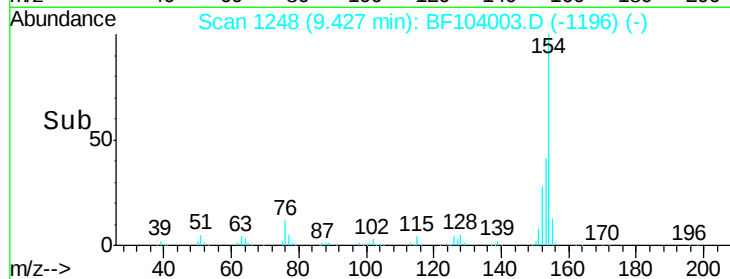
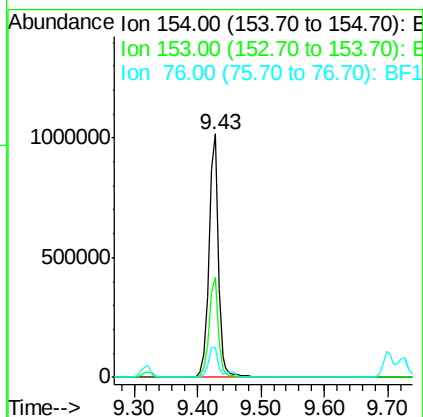
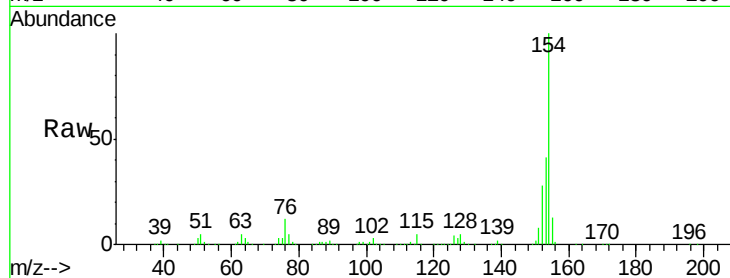




#45
 1,1'-Biphenyl
 Concen: 49.690 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

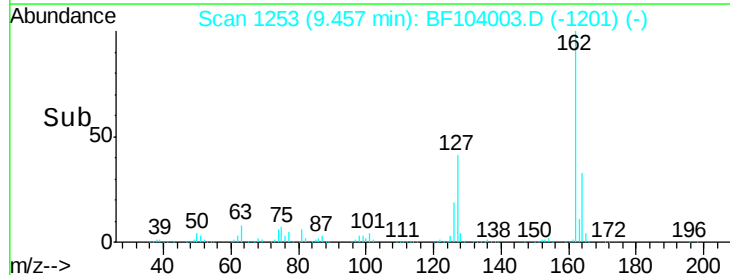
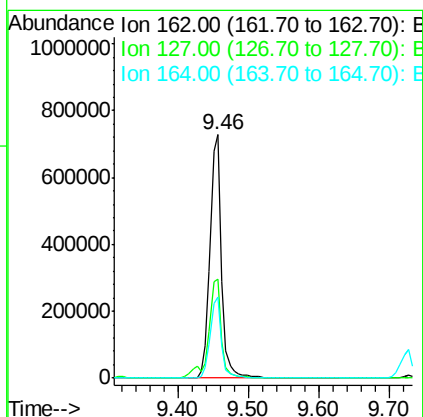
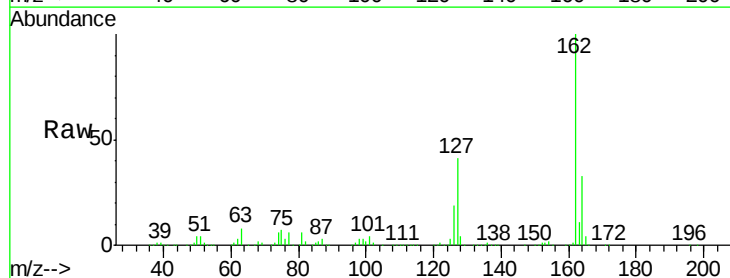
Instrument :
 BNA_F
 ClientSampleID :

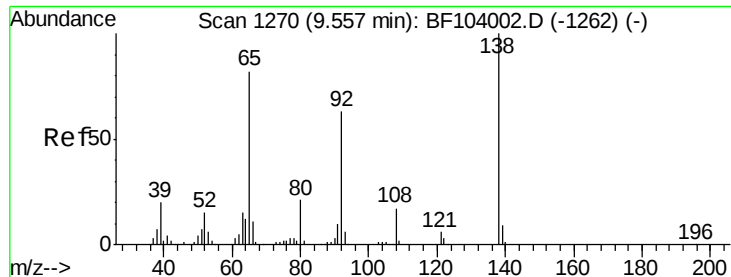
Tot Ion:154 Resp: 1038210
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 12.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 49.838 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:162 Resp: 827064
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 33.3 26.5 39.7

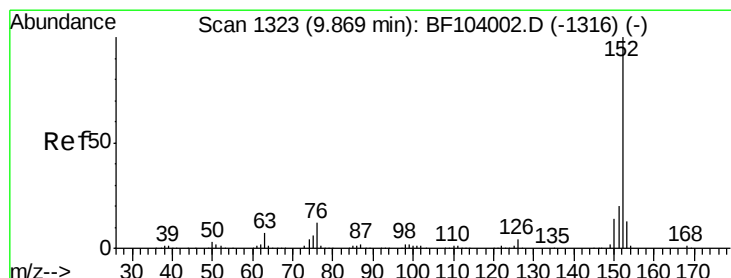
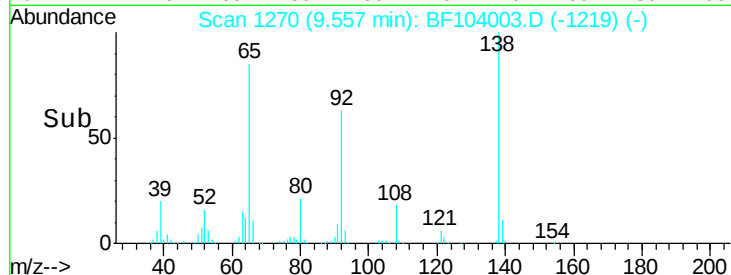
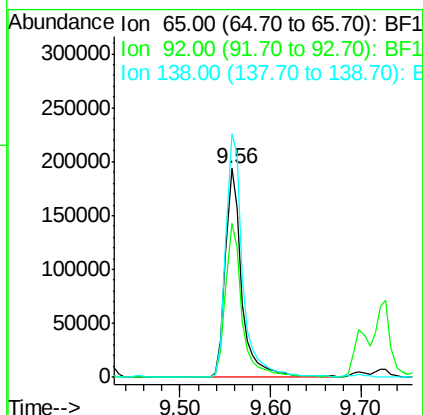
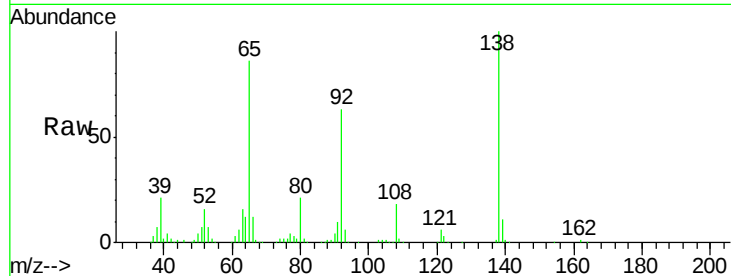




#47
2-Nitroaniline
Concen: 62.774 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

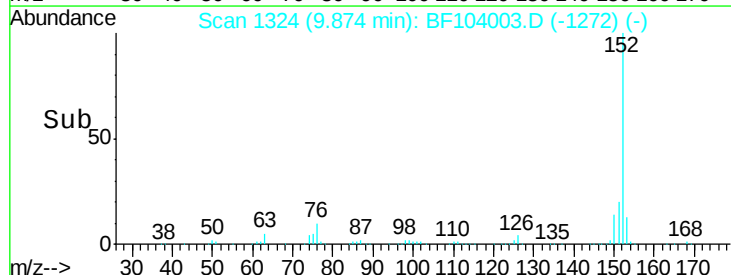
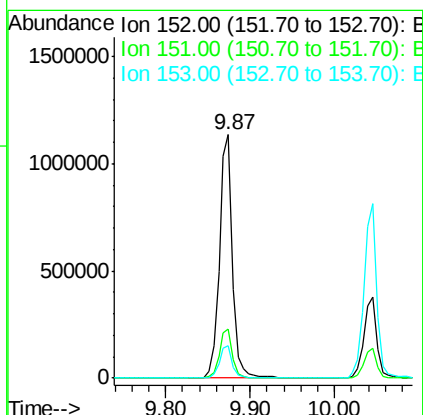
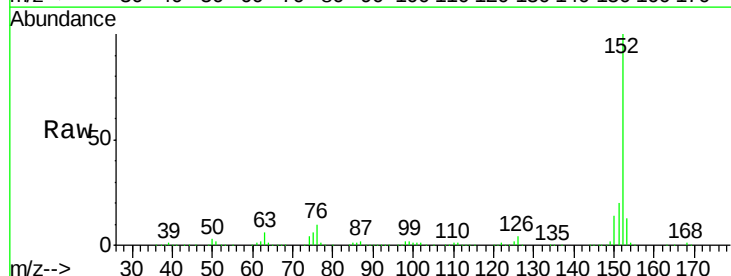
Instrument :
BNA_F
ClientSampleId :

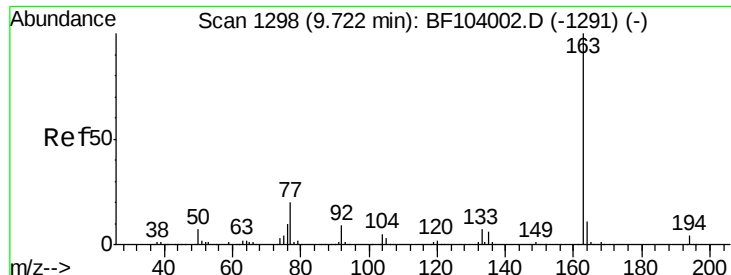
Tot Ion: 65 Resp: 243304
Ion Ratio Lower Upper
65 100
92 73.8 55.8 83.6
138 116.7 91.2 136.8



#48
Acenaphthylene
Concen: 48.177 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion: 152 Resp: 1239770
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.2 10.7 16.1

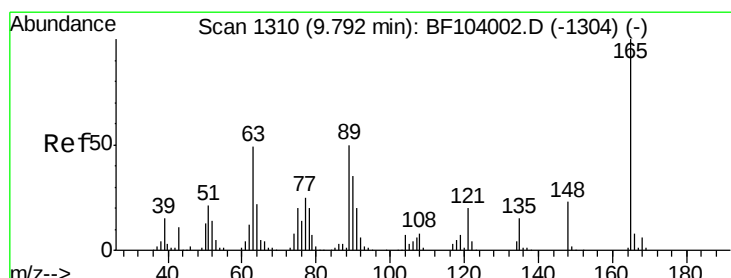
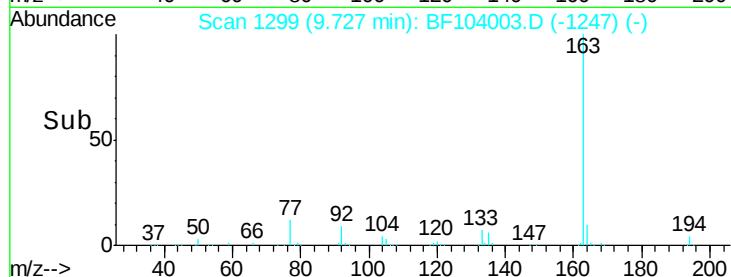
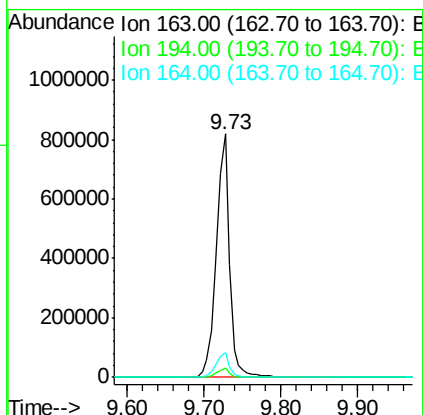
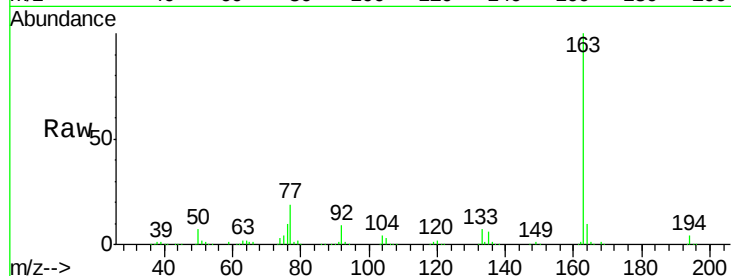




#49
Dimethylphthalate
Concen: 50.182 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

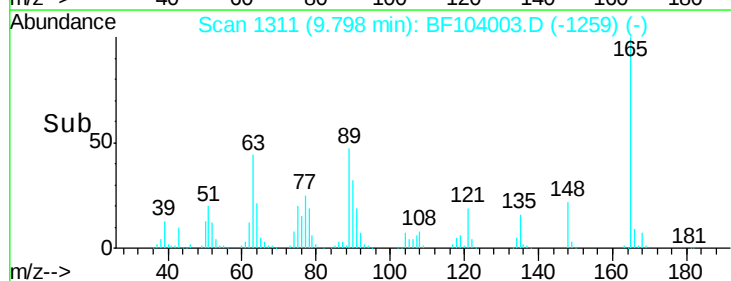
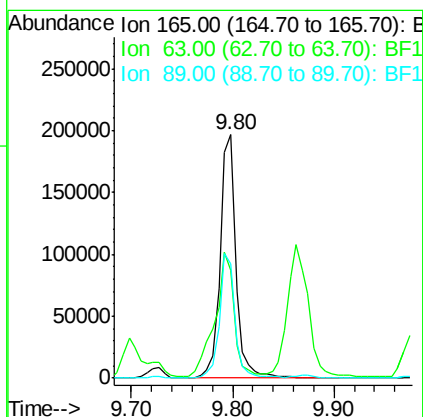
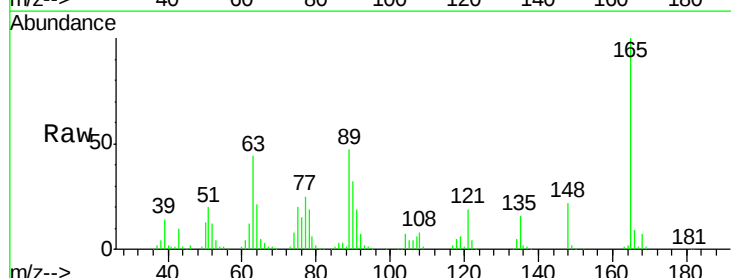
Instrument :
BNA_F
ClientSampleId :

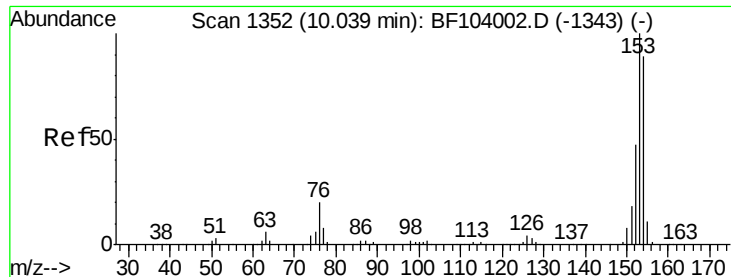
Tot Ion:163 Resp: 959325
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 62.119 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:165 Resp: 213381
Ion Ratio Lower Upper
165 100
63 44.4 44.7 67.1#
89 47.1 44.0 66.0





#51

Acenaphthene

Concen: 46.895 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

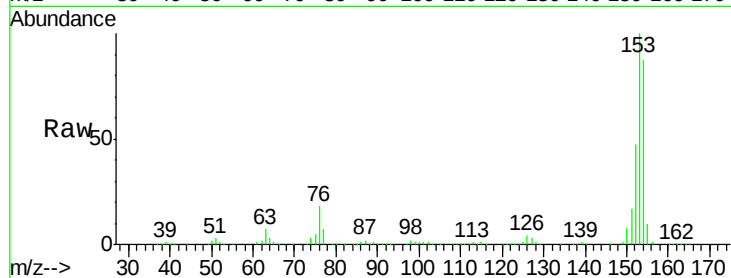
Tot Ion:154 Resp: 716562

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

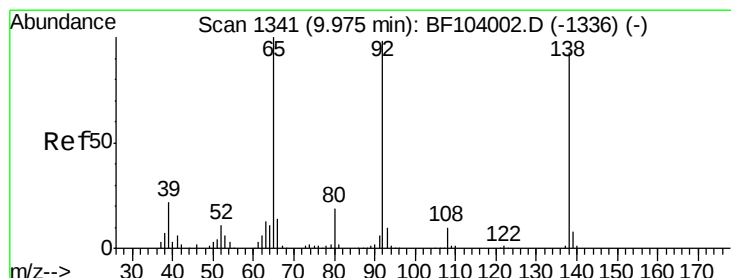
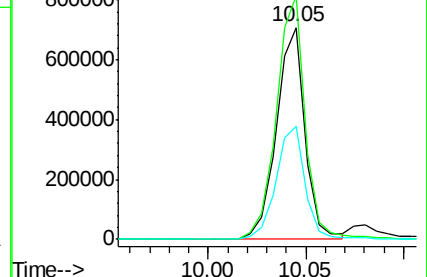
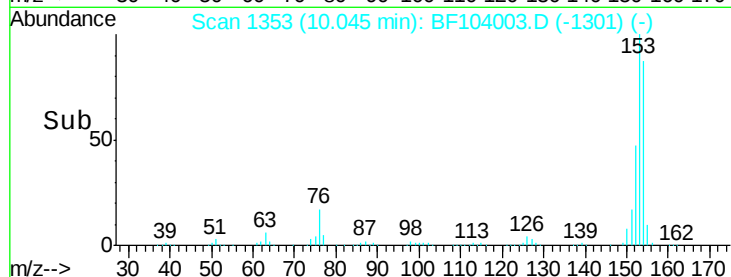
152 53.7 43.8 65.8



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: 59.128 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

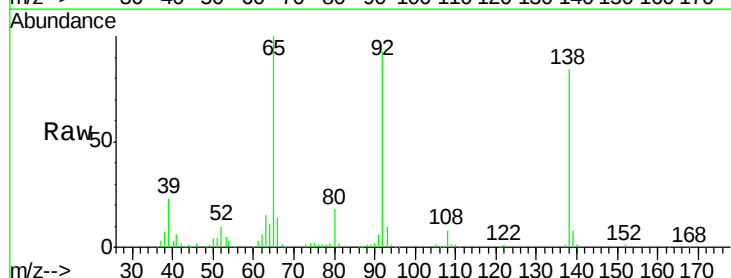
Tgt Ion:138 Resp: 245264

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

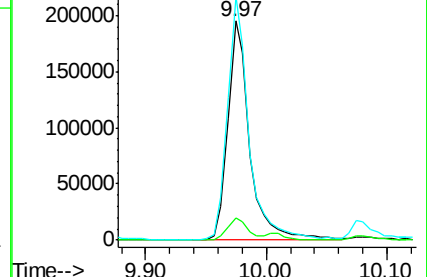
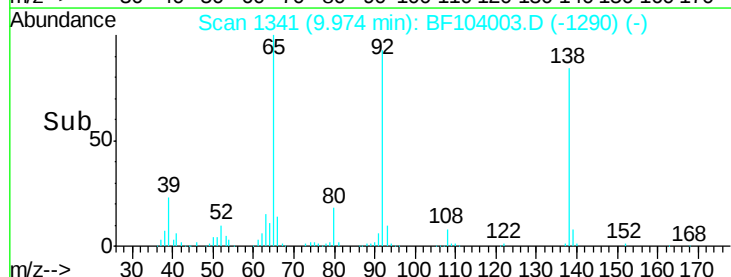
92 111.1 89.4 134.2

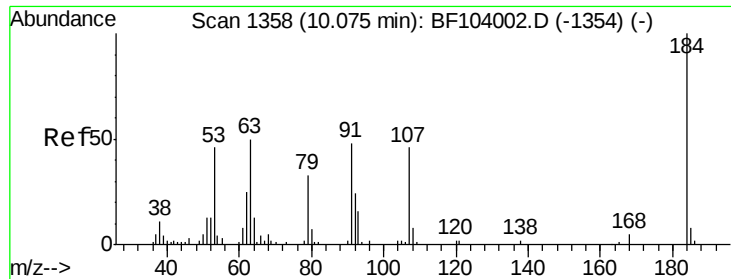


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

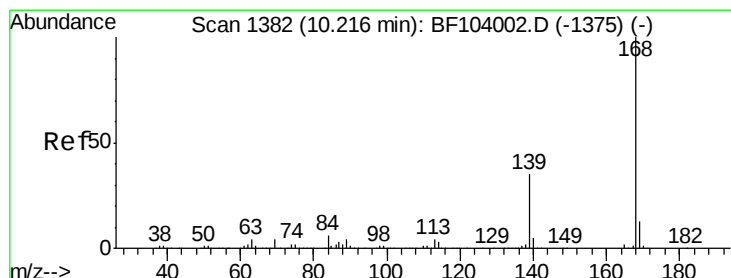
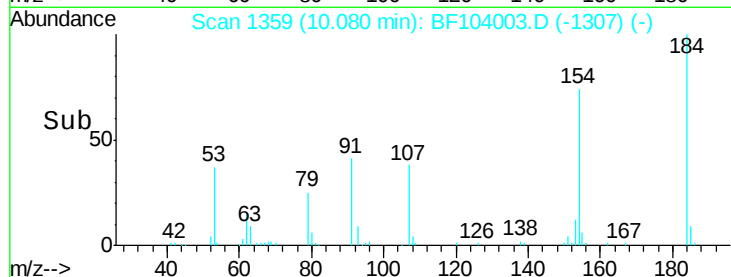
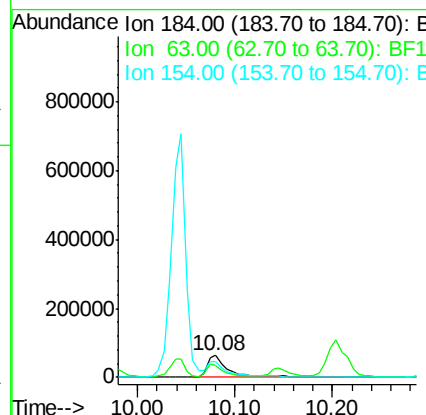
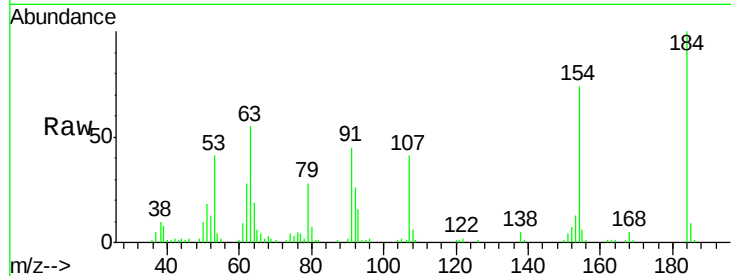




#53
 2,4-Dinitrophenol
 Concen: 134.446 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

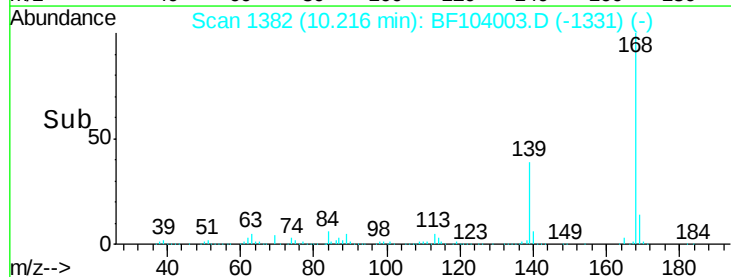
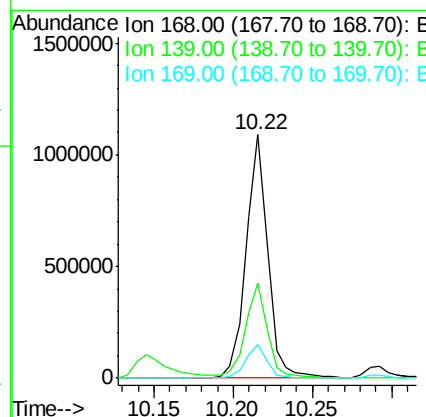
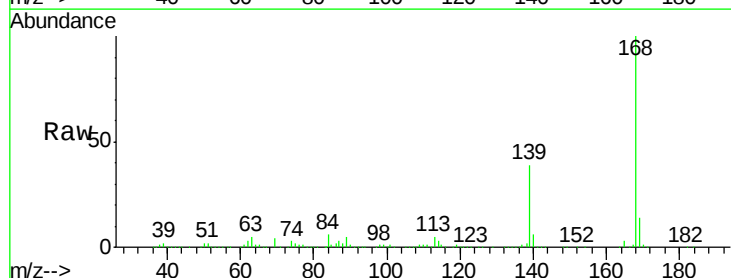
Instrument :
 BNA_F
 ClientSampled :

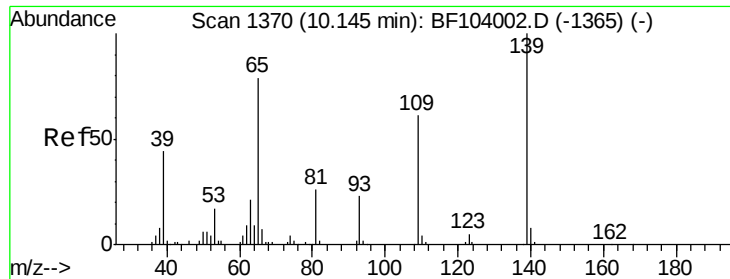
Tot Ion:184 Resp: 95736
 Ion Ratio Lower Upper
 184 100
 63 54.7 54.2 81.2
 154 74.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 47.299 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:168 Resp: 1032212
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.1 45.1
 169 13.6 10.9 16.3

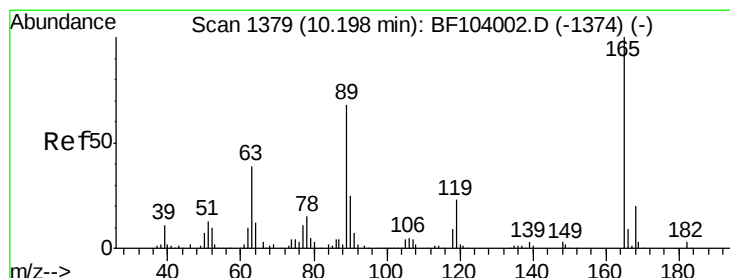
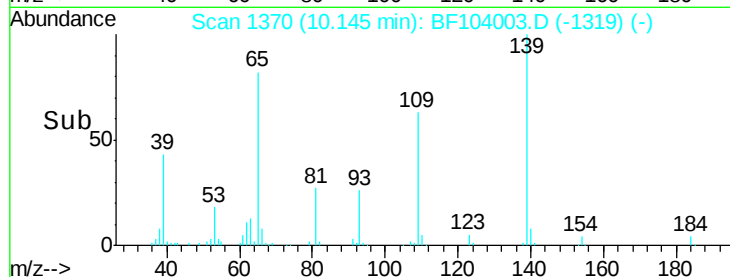
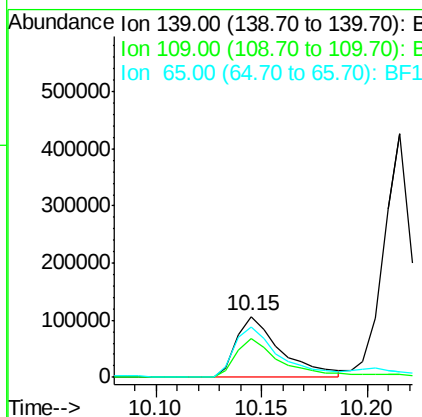
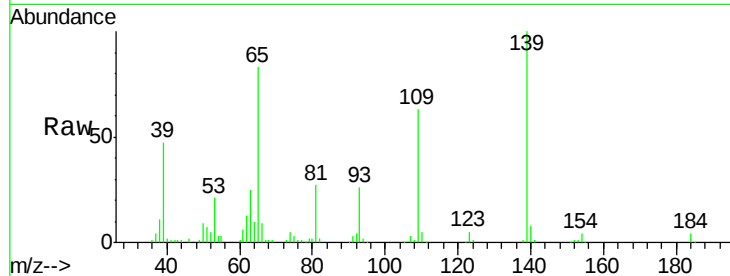




#55
4-Nitrophenol
Concen: 50.807 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

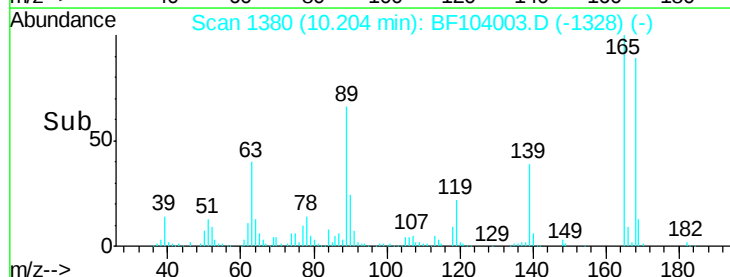
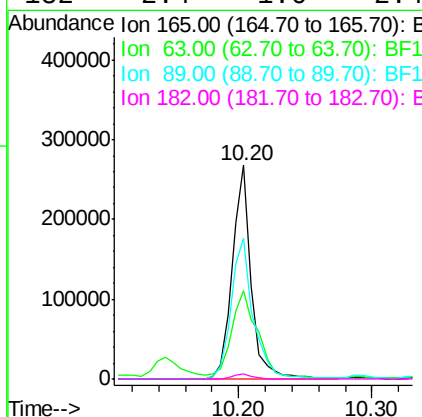
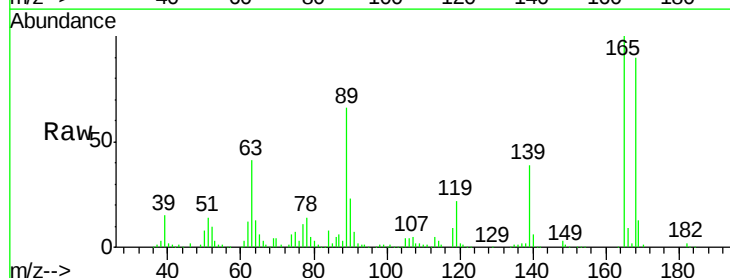
Instrument :
BNA_F
ClientSampleId :

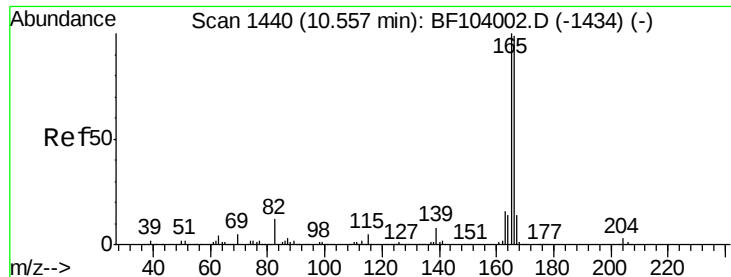
Tot Ion:139 Resp: 156171
Ion Ratio Lower Upper
139 100
109 62.8 48.4 88.4
65 83.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 63.767 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:165 Resp: 268706
Ion Ratio Lower Upper
165 100
63 41.1 36.4 54.6
89 66.2 57.8 86.6
182 2.4 1.6 2.4

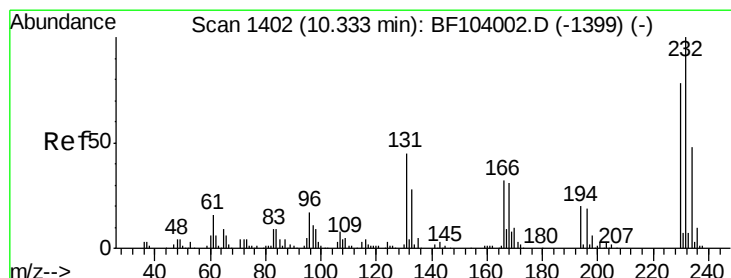
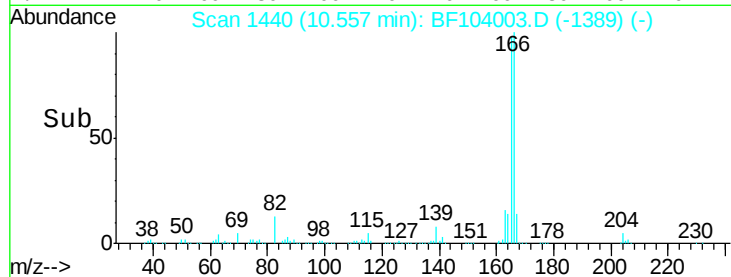
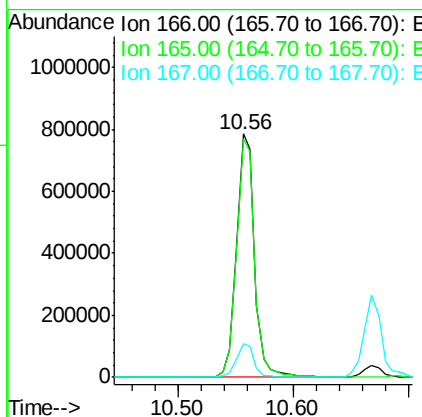
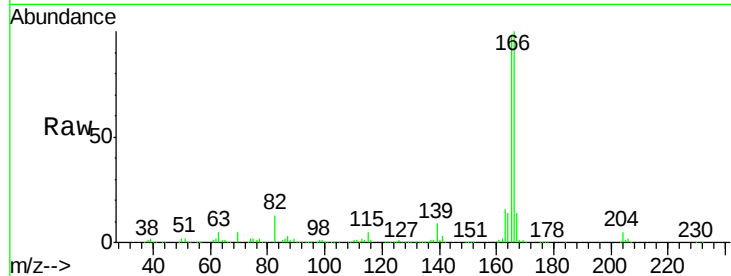




#57
 Fluorene
 Concen: 49.884 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

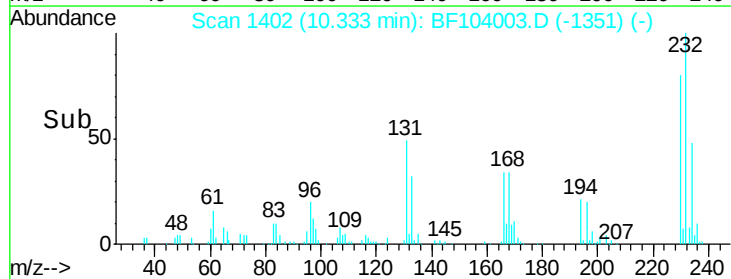
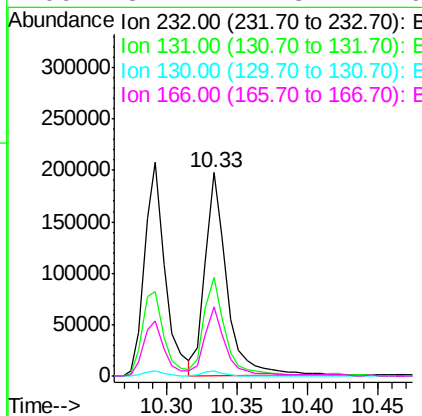
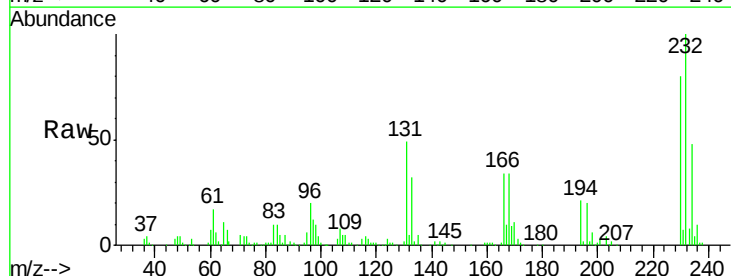
Instrument :
 BNA_F
 ClientSampled :

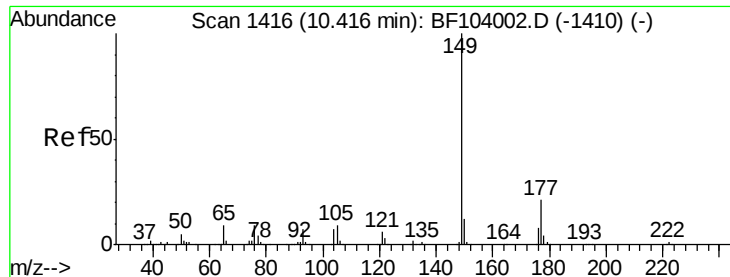
Tot Ion:166 Resp: 844744
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.877 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:232 Resp: 211644
 Ion Ratio Lower Upper
 232 100
 131 48.8 43.8 65.8
 130 2.3 2.1 3.1
 166 31.7 27.8 41.6

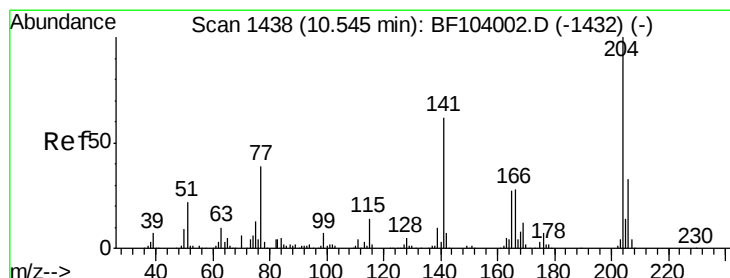
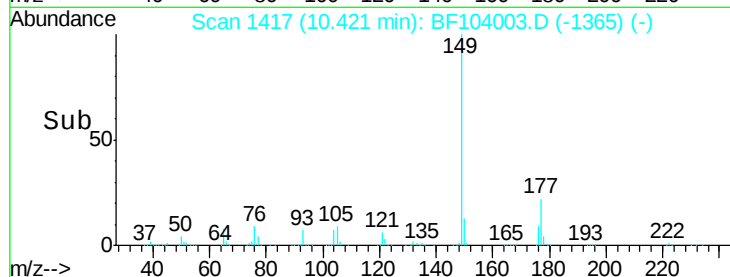
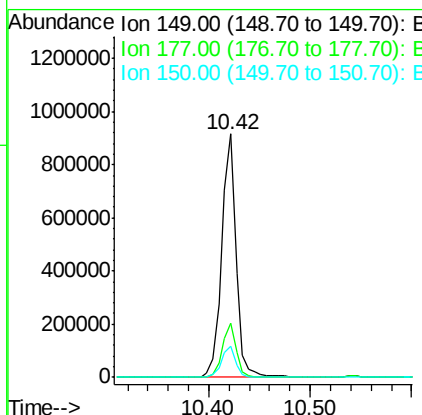
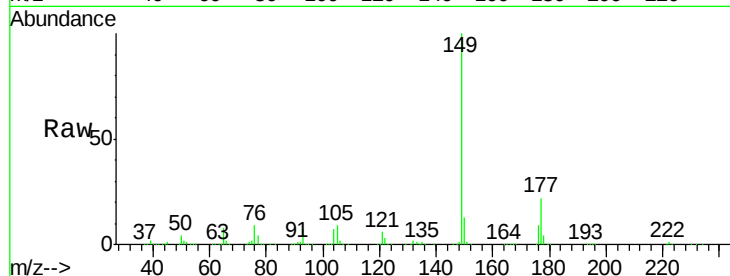




#59
Diethylphthalate
Concen: 47.824 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

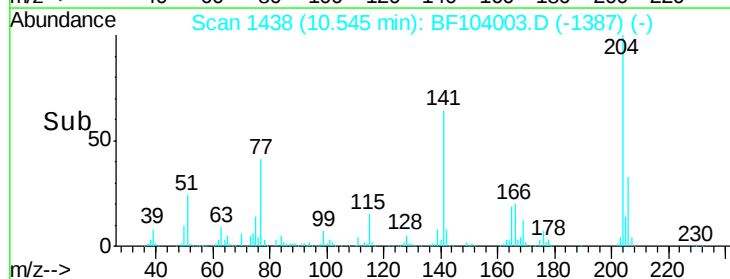
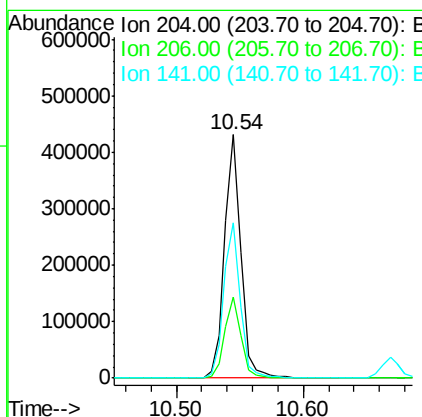
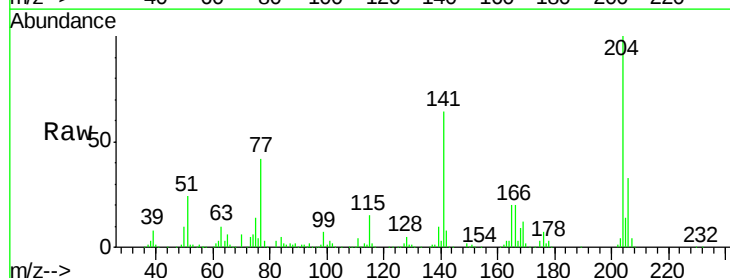
Instrument :
BNA_F
ClientSampled :

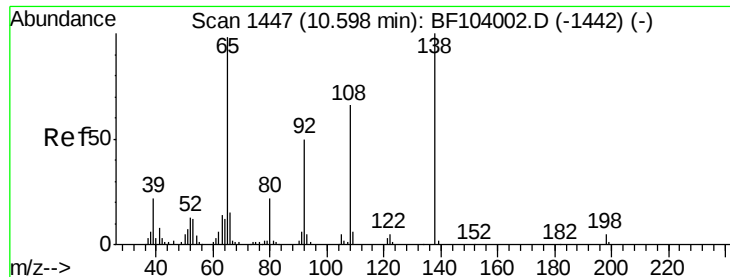
Tot Ion:149 Resp: 907418
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 50.239 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:204 Resp: 388806
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 63.9 54.6 81.8

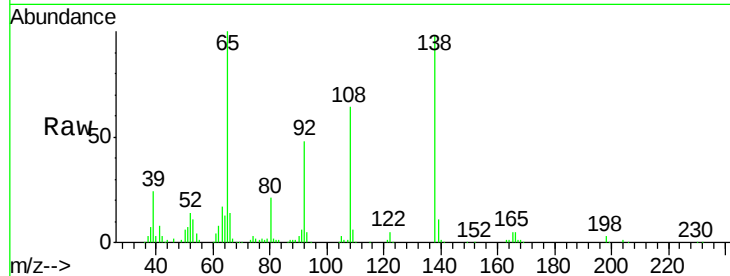




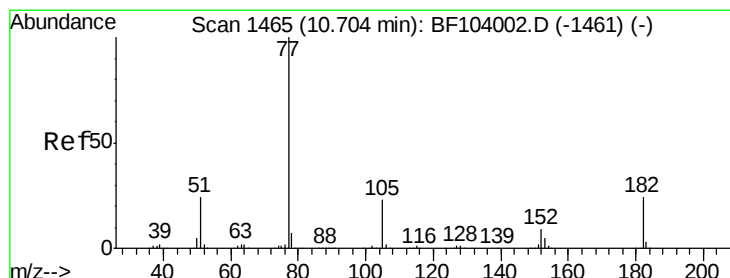
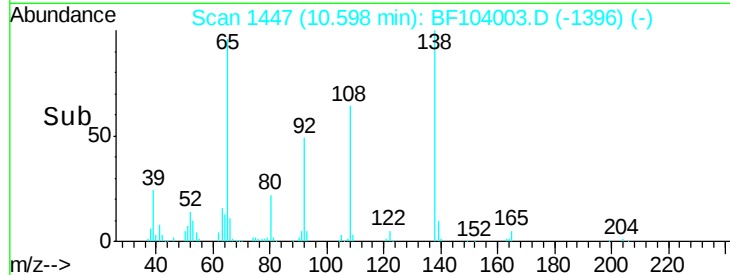
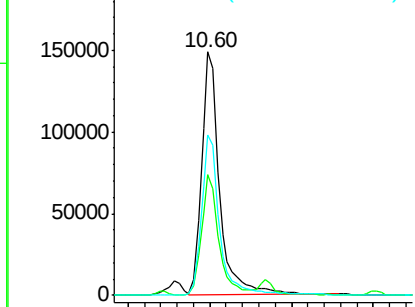
#61
4-Nitroaniline
Concen: 57.151 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 228312
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 65.9 52.5 92.5

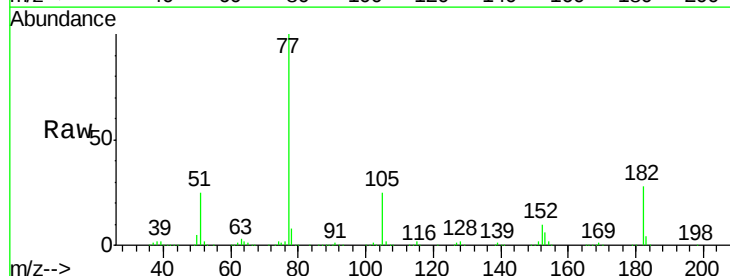


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

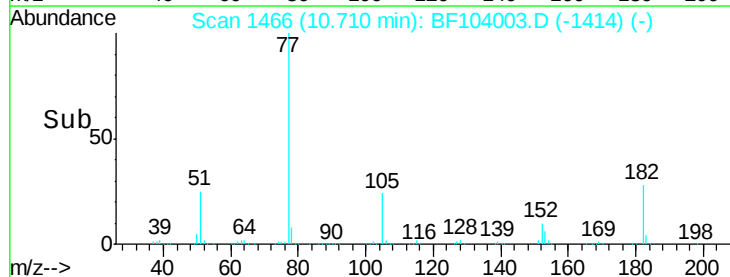
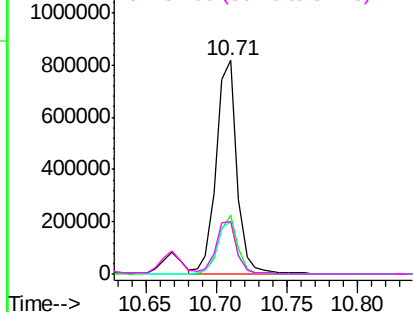


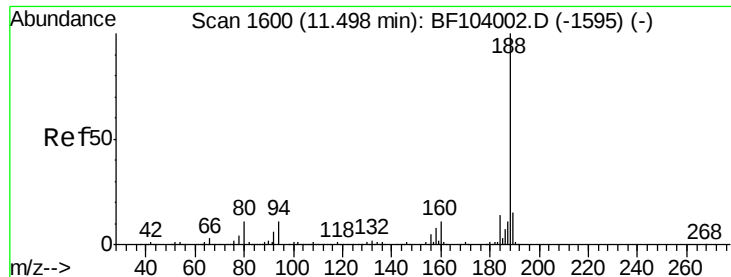
#62
Azobenzene
Concen: 43.136 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion: 77 Resp: 832116
Ion Ratio Lower Upper
77 100
182 27.6 1.7 41.7
105 24.7 3.0 43.0
51 24.8 9.9 49.9



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

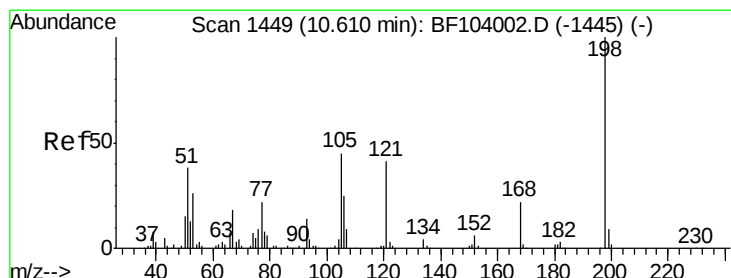
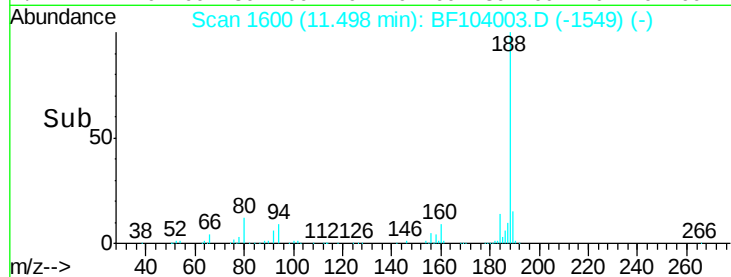
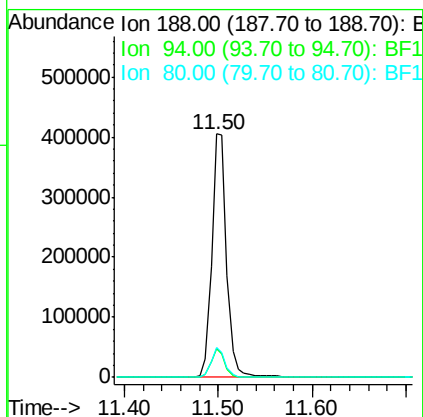
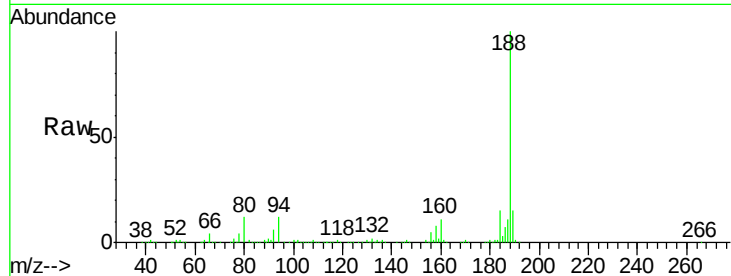




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

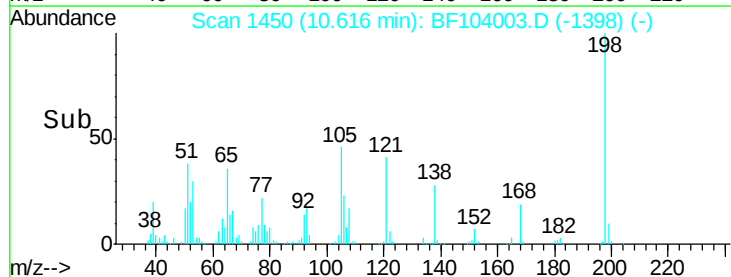
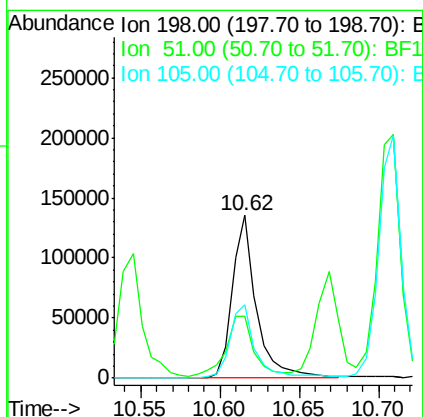
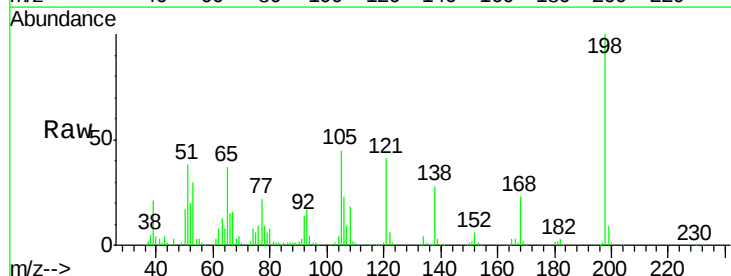
Instrument :
BNA_F
ClientSampleId :

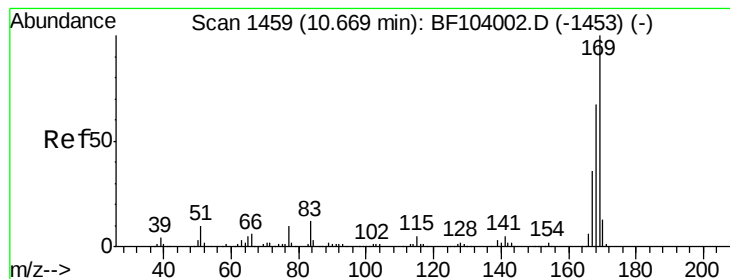
Tot Ion:188 Resp: 452576
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 97.318 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:198 Resp: 142617
Ion Ratio Lower Upper
198 100
51 38.3 37.7 77.7
105 45.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 48.806 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampled :

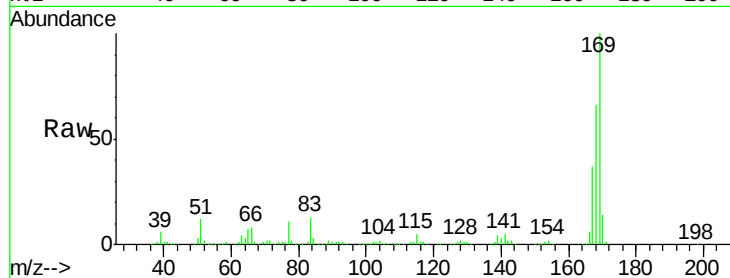
Tot Ion:169 Resp: 751846

Ion Ratio Lower Upper

169 100

168 66.4 54.4 81.6

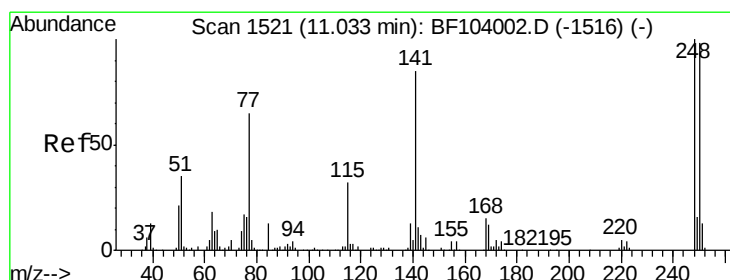
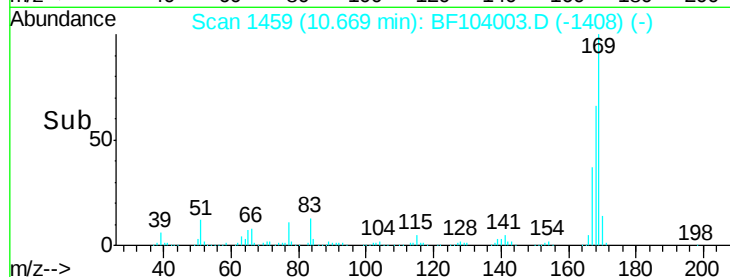
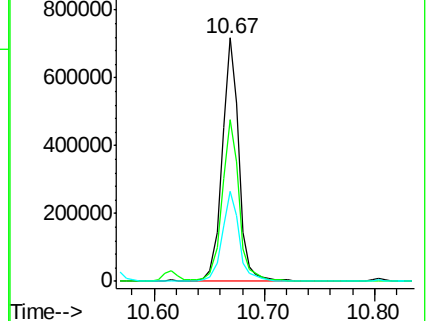
167 37.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.424 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

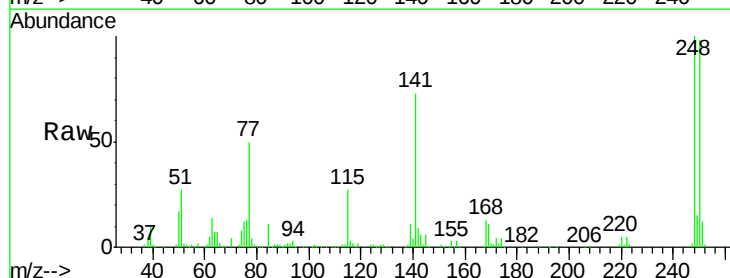
Tgt Ion:248 Resp: 238957

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

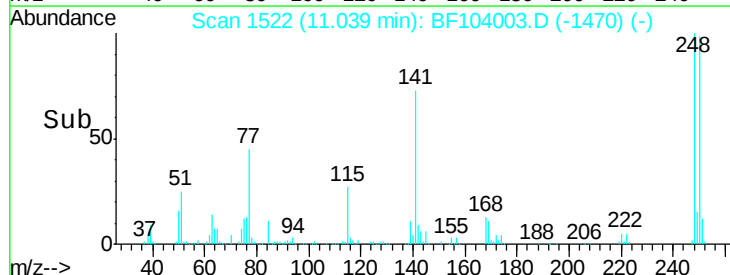
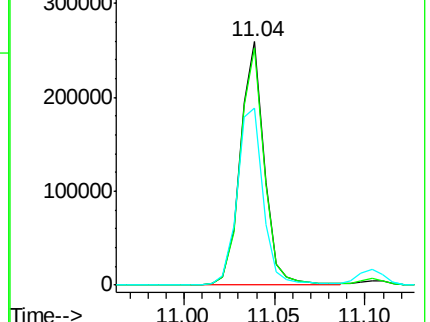
141 72.6 74.4 111.6#

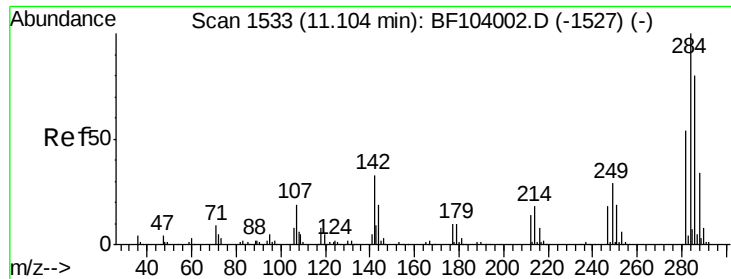


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

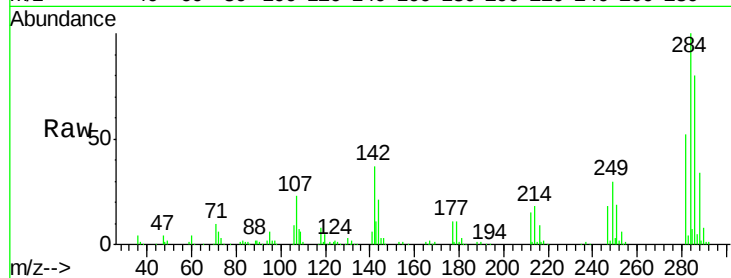




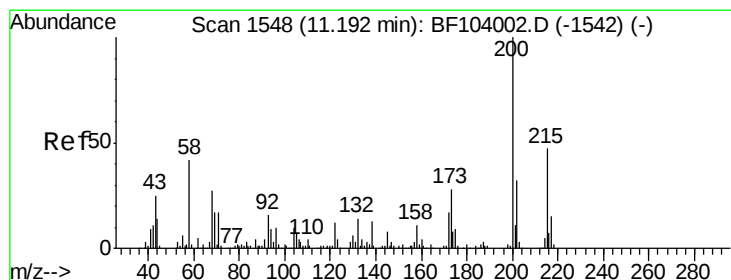
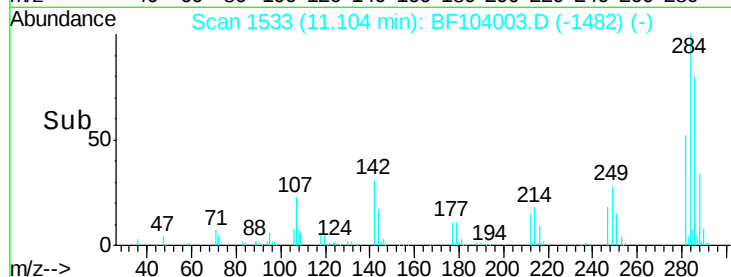
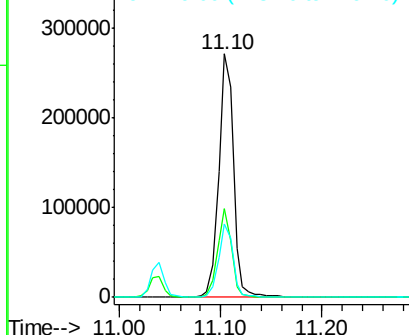
#67
Hexachlorobenzene
Concen: 51.829 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 274880
Ion Ratio Lower Upper
284 100
142 36.7 34.6 52.0
249 30.3 24.8 37.2

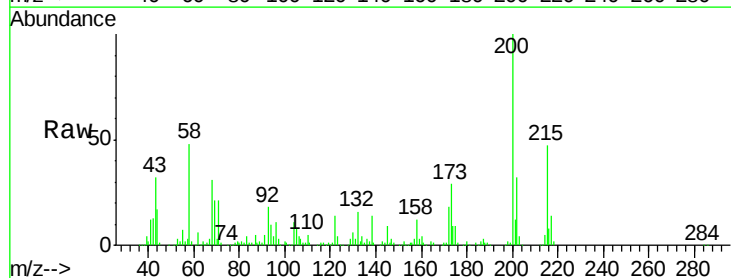


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

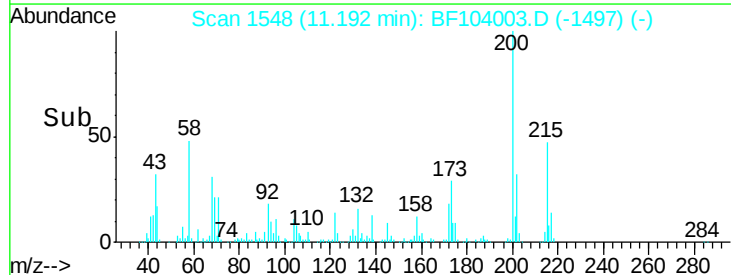
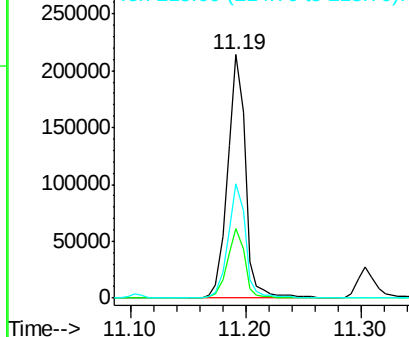


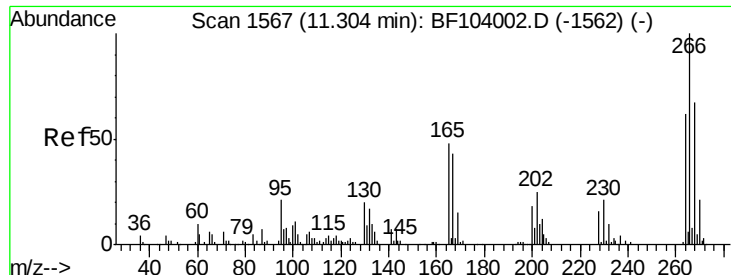
#68
Atrazine
Concen: 47.981 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:200 Resp: 228645
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 46.8 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

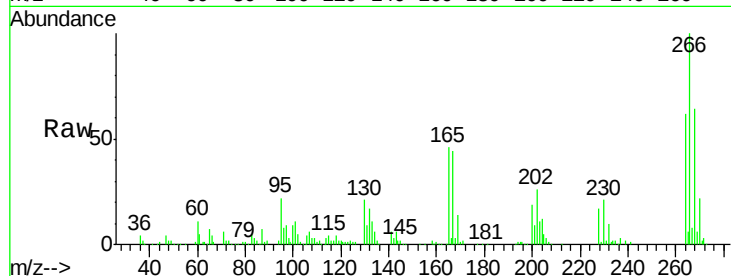




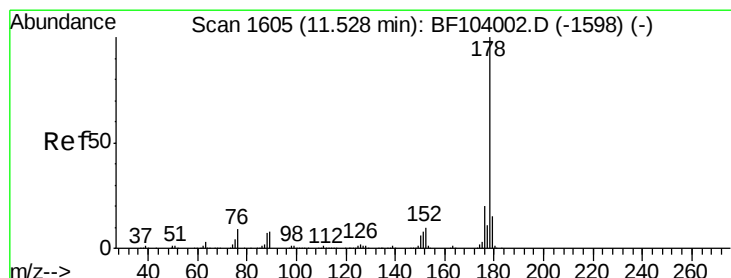
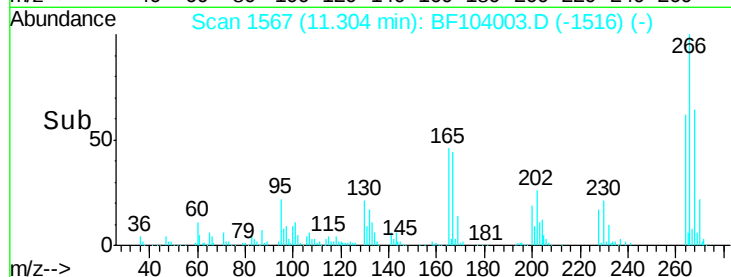
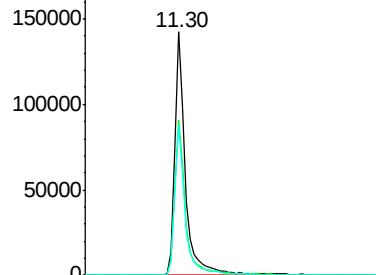
#69
 Pentachlorophenol
 Concen: 53.767 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 163941
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 61.7 49.5 74.3

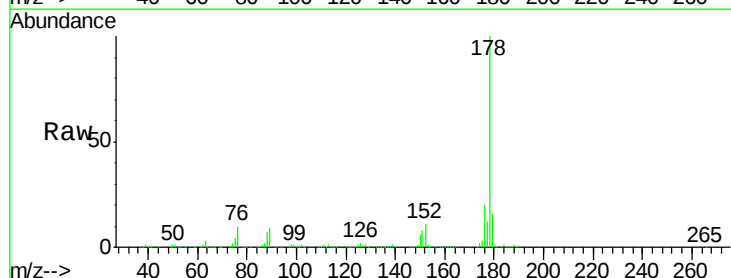


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

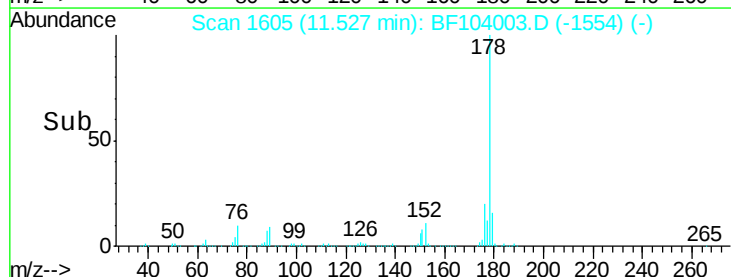
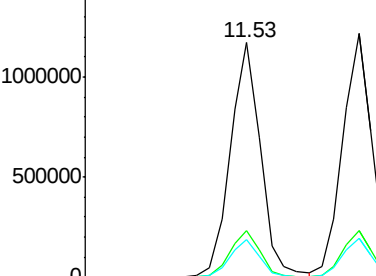


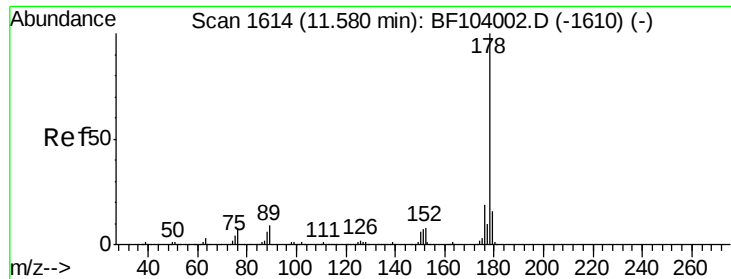
#70
 Phenanthrene
 Concen: 47.328 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:178 Resp: 1171687
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 16.0 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

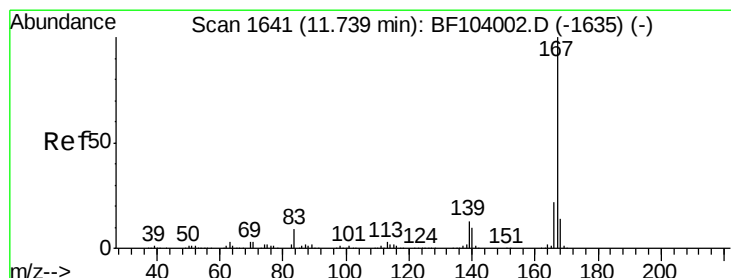
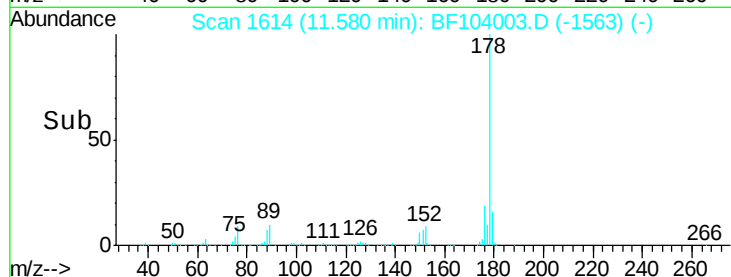
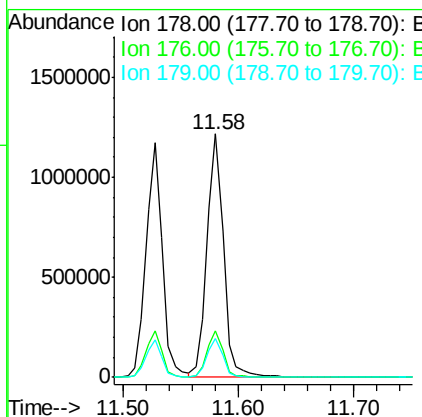
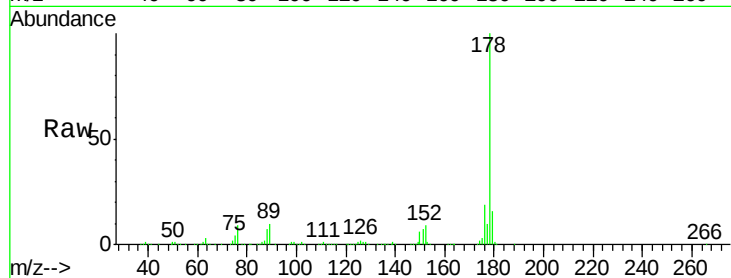




#71
 Anthracene
 Concen: 48.491 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

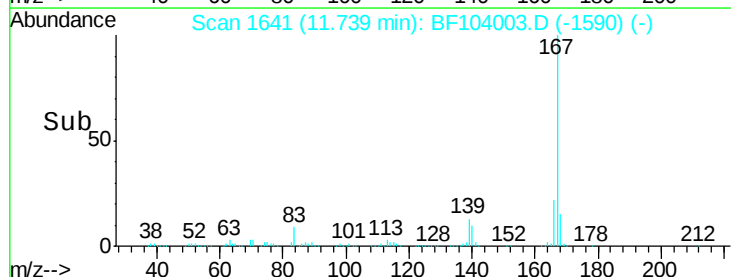
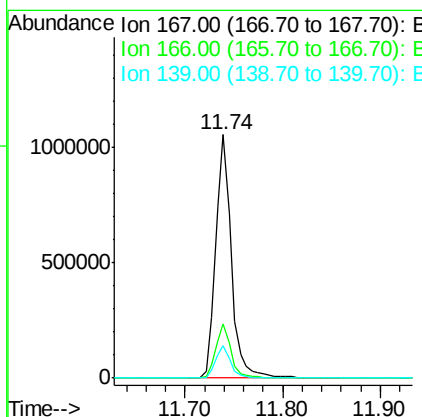
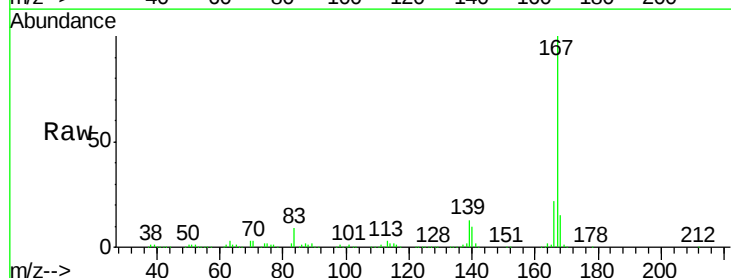
Instrument :
 BNA_F
 ClientSampleId :

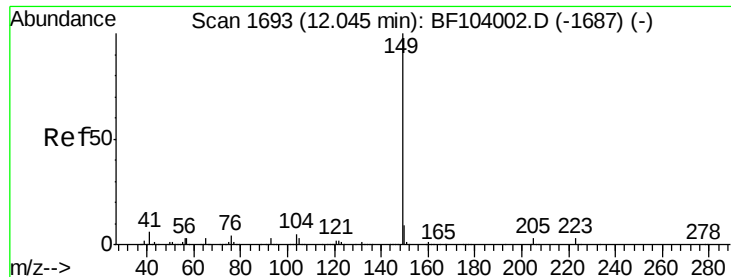
Tot Ion:178 Resp: 1219286
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 48.253 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:167 Resp: 1179286
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.487 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

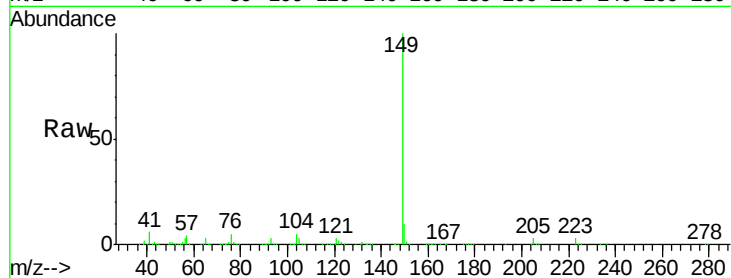
Tot Ion:149 Resp: 1363211

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

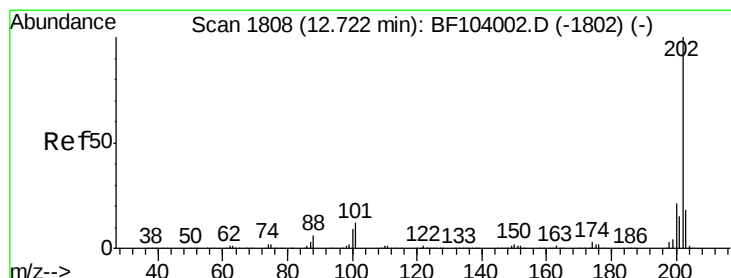
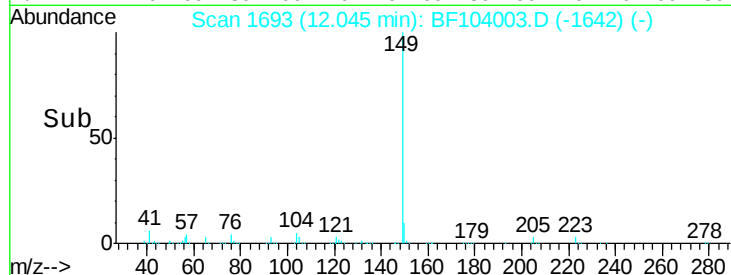
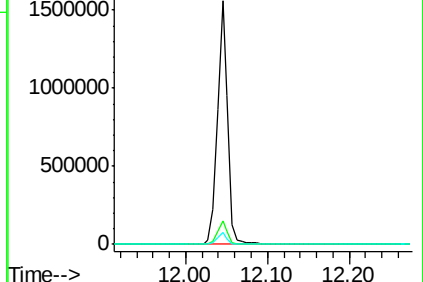
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.227 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

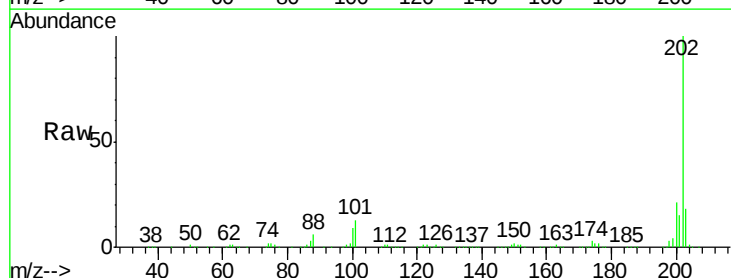
Tgt Ion:202 Resp: 1230055

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

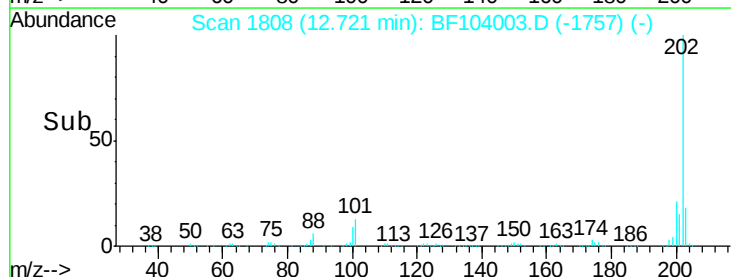
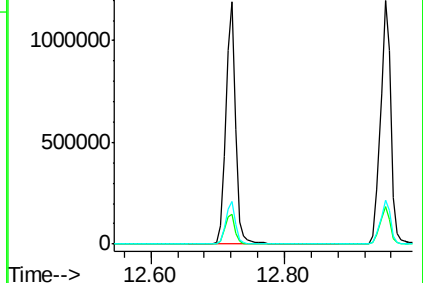
203 17.8 0.0 38.1

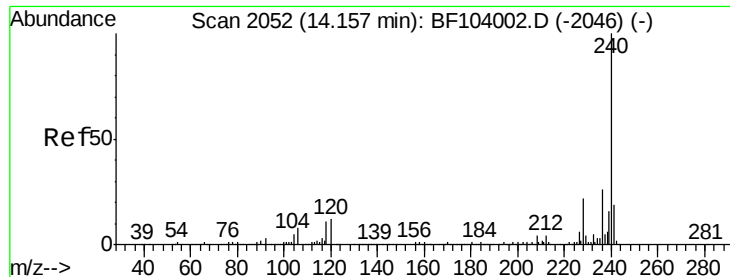


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampled :

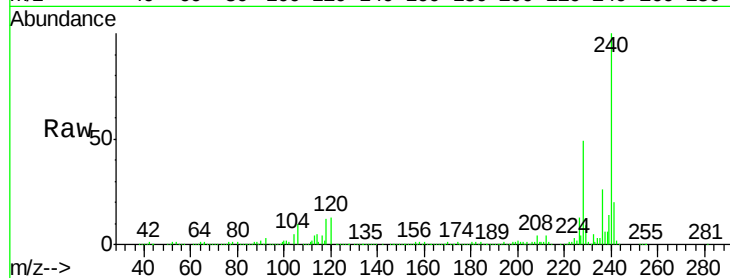
Tot Ion:240 Resp: 360536

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

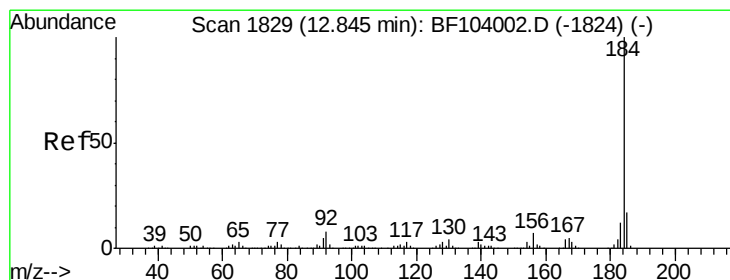
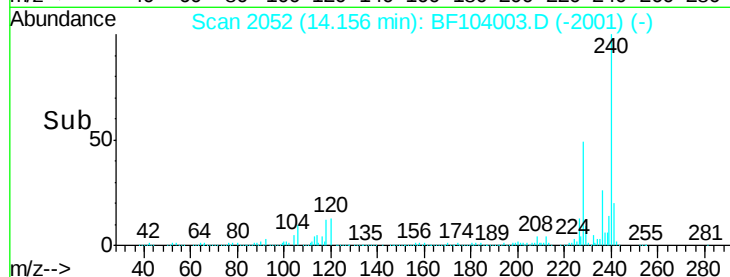
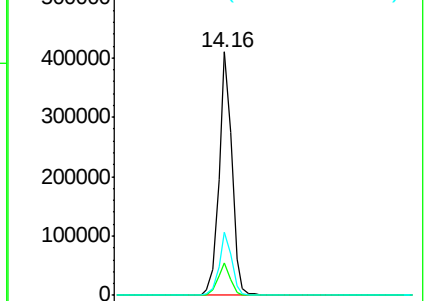
236 26.1 20.7 31.1



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: 33.324 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

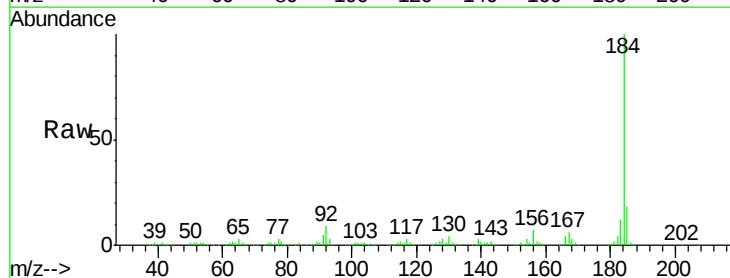
Tgt Ion:184 Resp: 512429

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

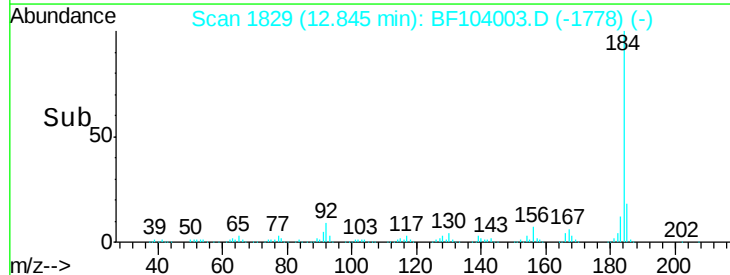
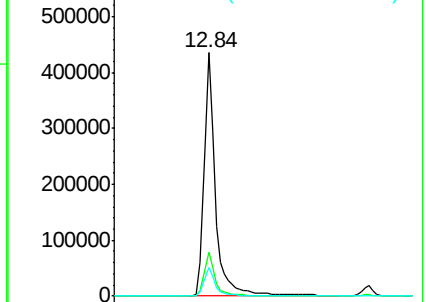
183 12.0 9.3 13.9

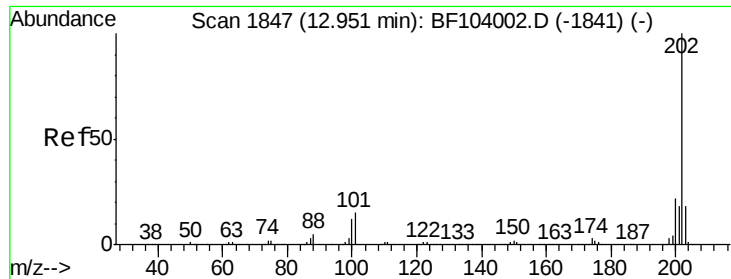


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

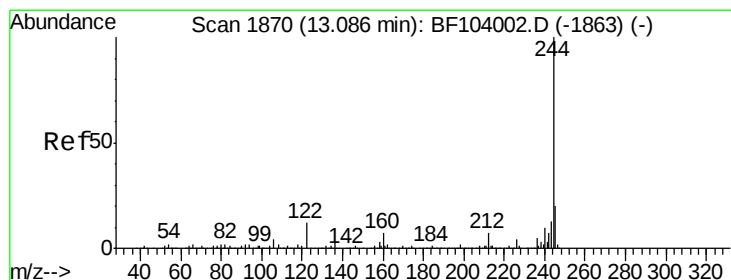
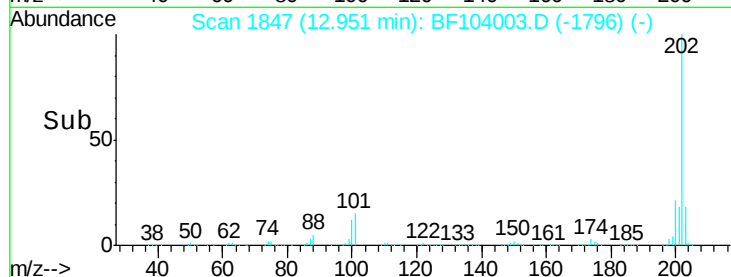
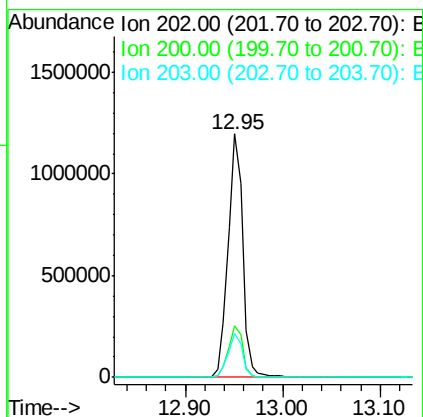
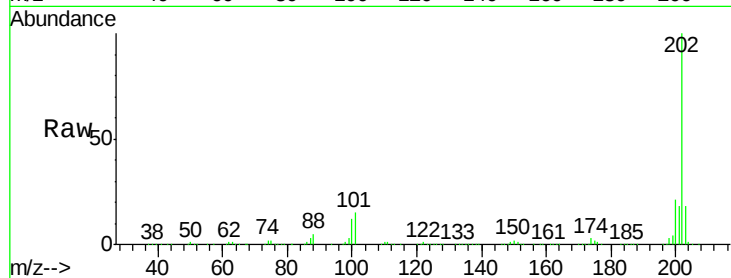




#77
Pvrene
Concen: 47.391 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

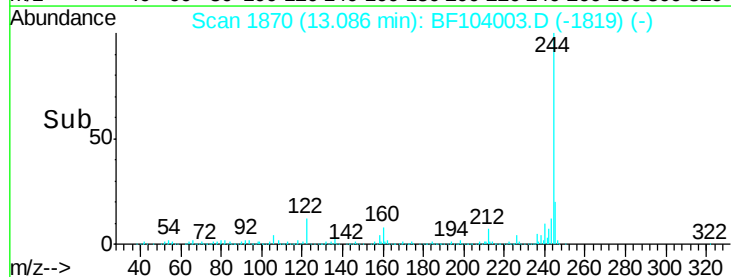
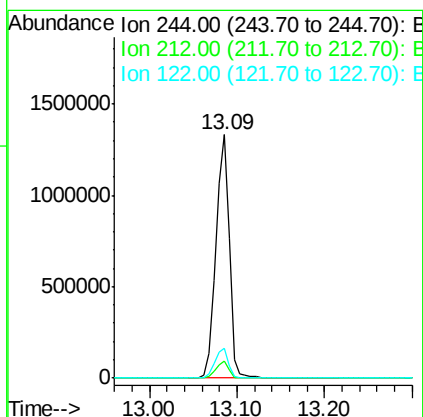
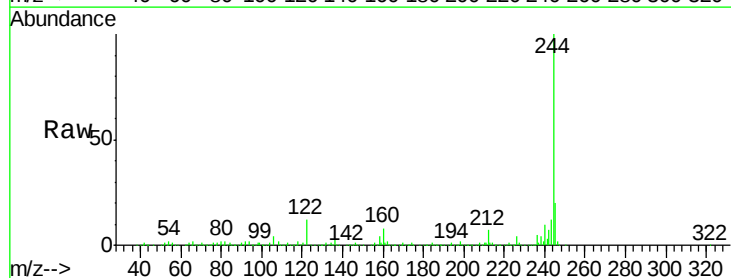
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1254801
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 91.663 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:244 Resp: 1423765
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.3 11.0 16.4

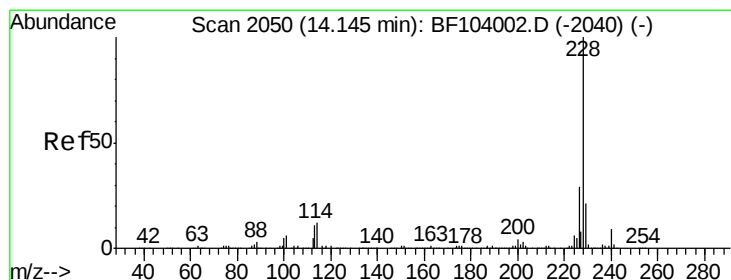
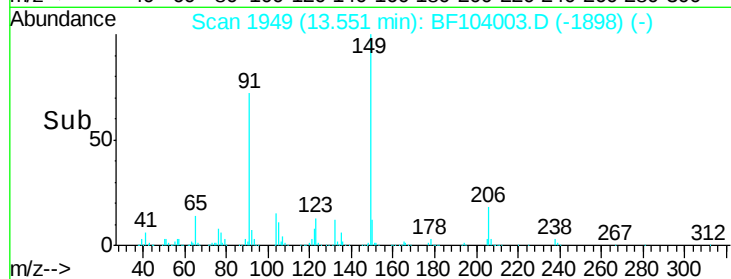
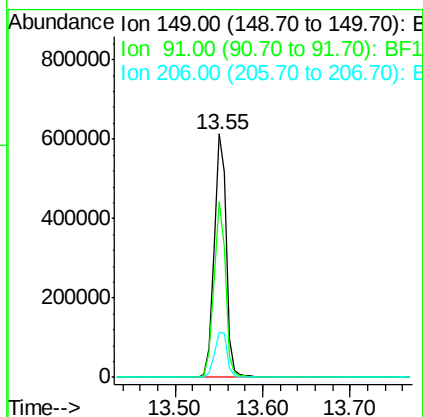
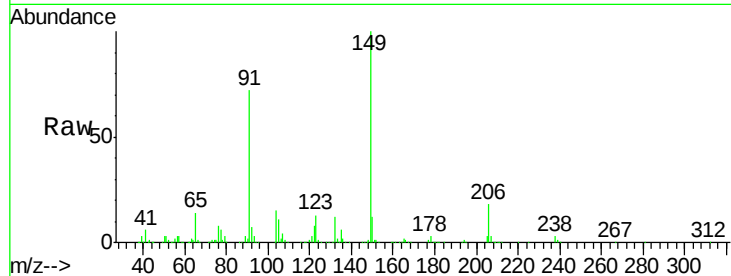




#79
Butylbenzylphthalate
Concen: 50.425 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

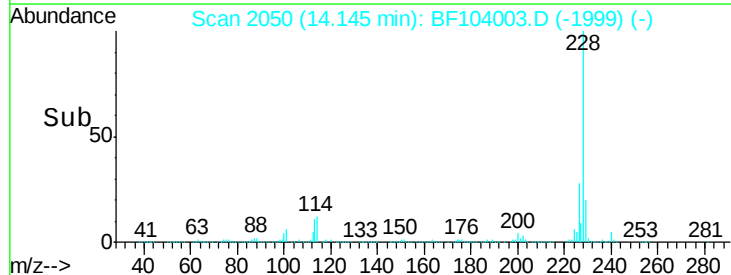
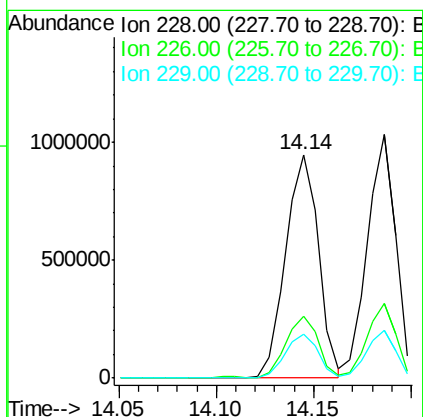
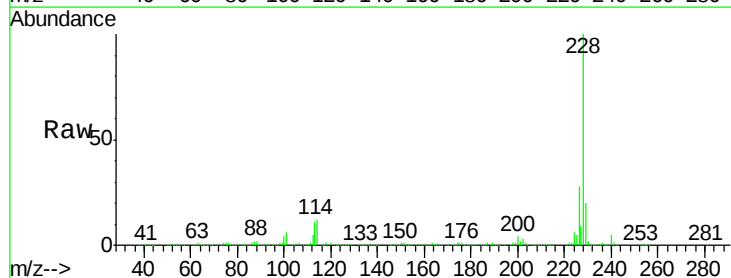
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 591533
Ion Ratio Lower Upper
149 100
91 72.1 56.8 85.2
206 18.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.249 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:228 Resp: 1101125
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6

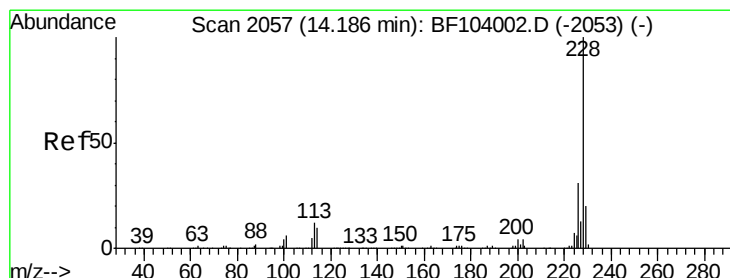
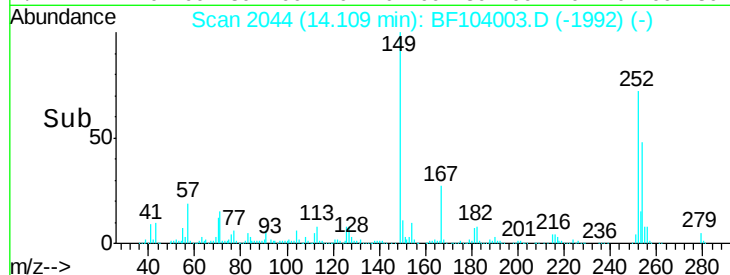
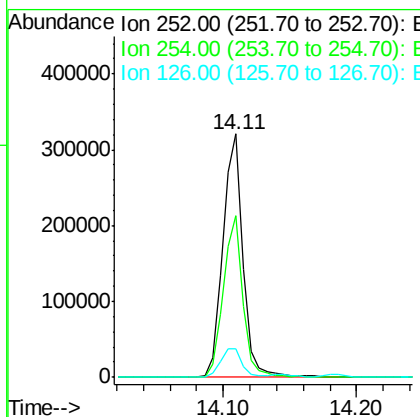
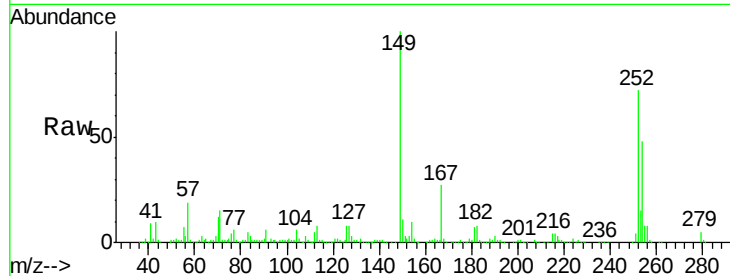




#81
 3,3'-Dichlorobenzidine
 Concen: 44.758 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

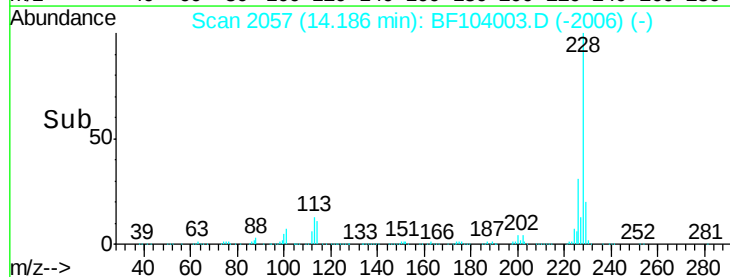
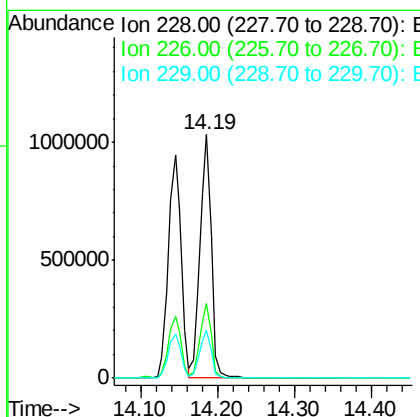
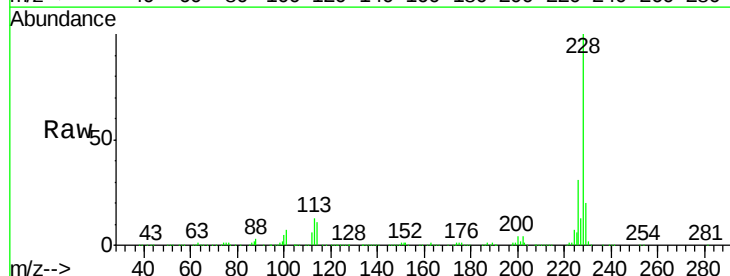
Instrument :
 BNA_F
 ClientSampleId :

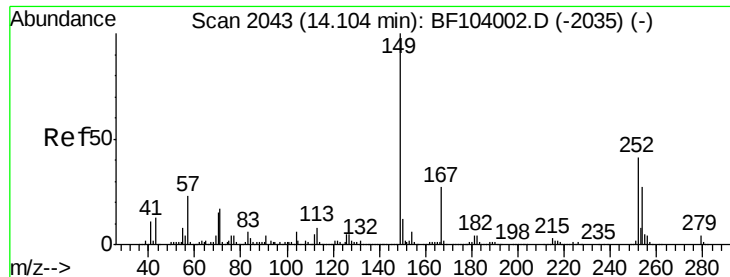
Tot Ion:252 Resp: 341669
 Ion Ratio Lower Upper
 252 100
 254 66.7 50.4 75.6
 126 11.6 11.3 16.9



#82
 Chrysene
 Concen: 48.749 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:228 Resp: 1060536
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.603 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

Instrument :

BNA_F

ClientSampleId :

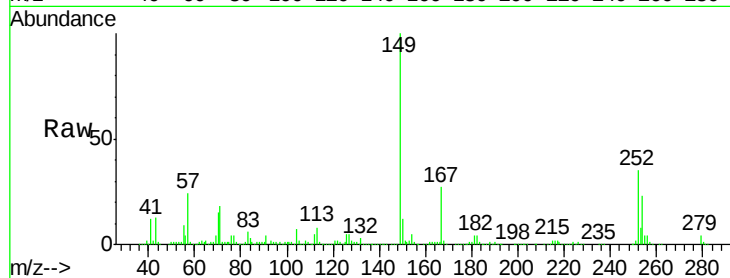
Tot Ion:149 Resp: 730726

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

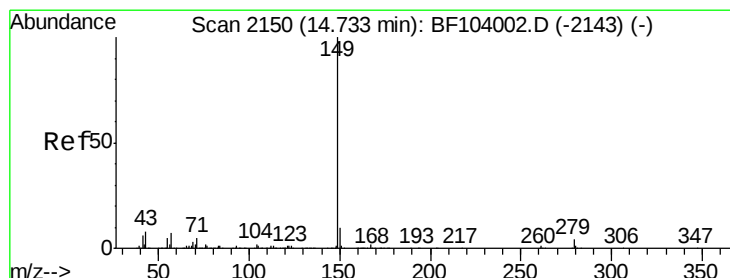
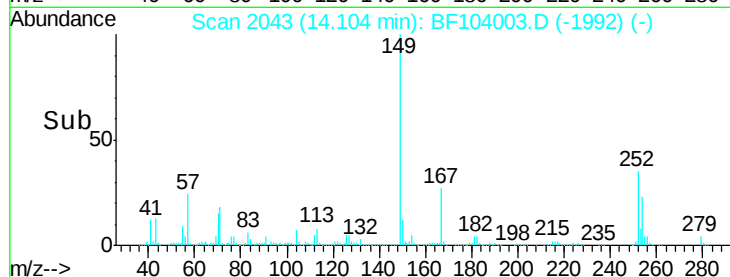
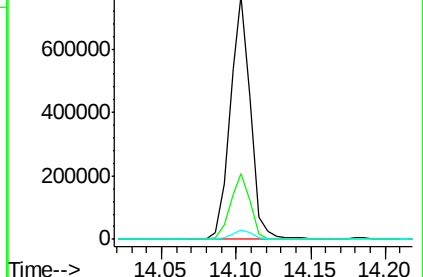
279 3.7 3.0 4.4



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: 53.509 ng

RT: 14.73 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BF104003.D

Acq: 28 Mar 2018 11:54

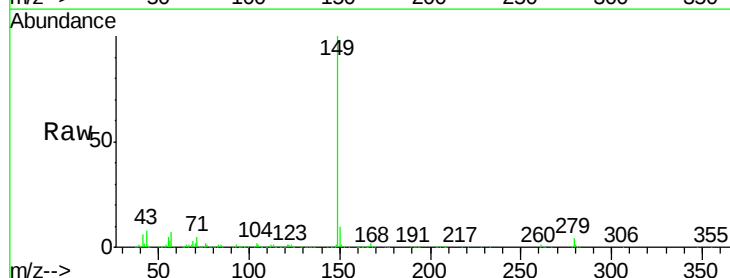
Tgt Ion:149 Resp: 1304592

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

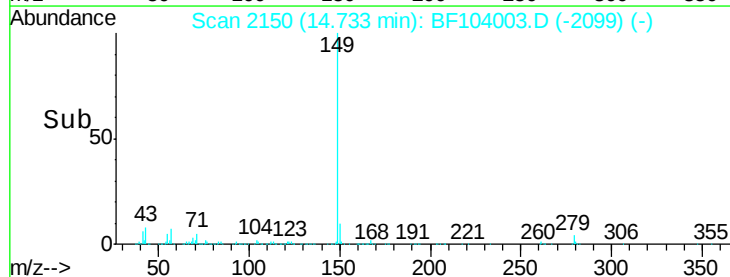
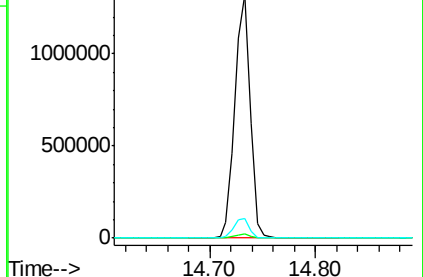
43 8.2 8.4 12.6#

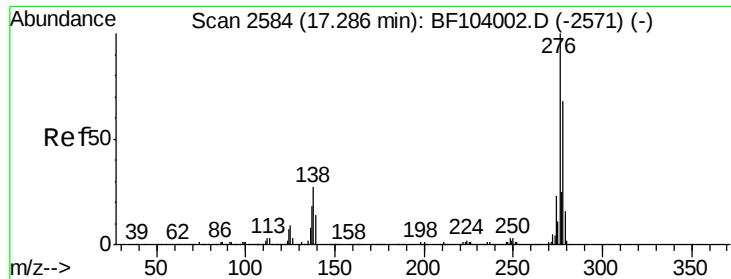


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

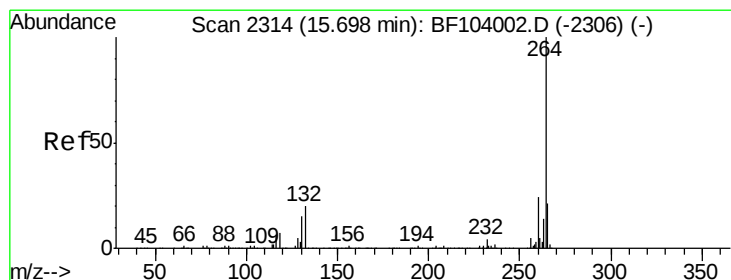
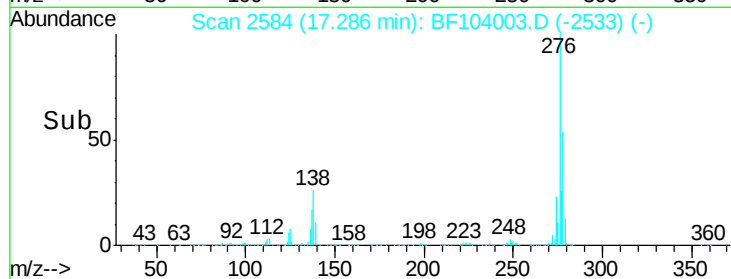
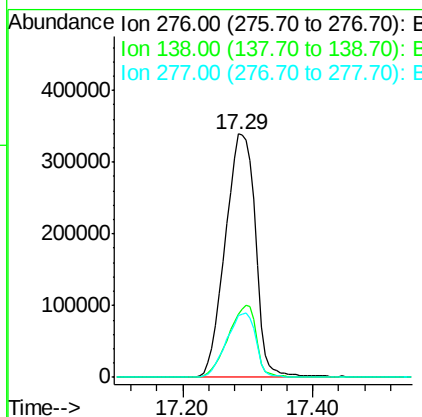
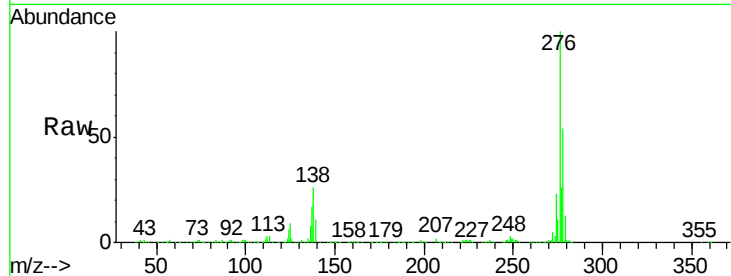




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.493 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

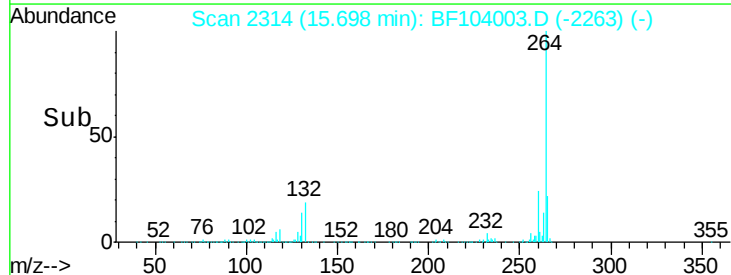
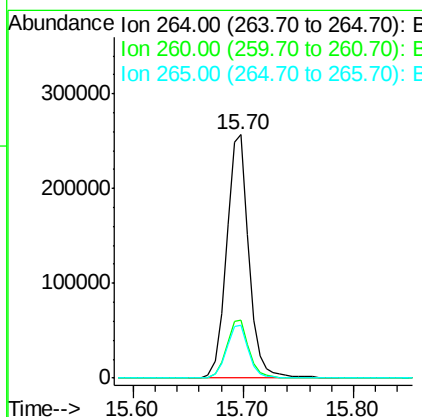
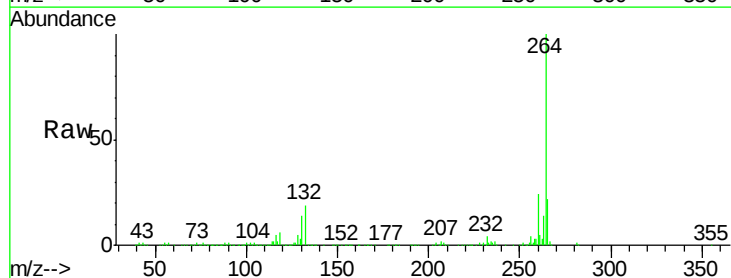
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1092292
 Ion Ratio Lower Upper
 276 100
 138 27.8 25.0 37.6
 277 25.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Tgt Ion:264 Resp: 362258
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 17.5 26.3

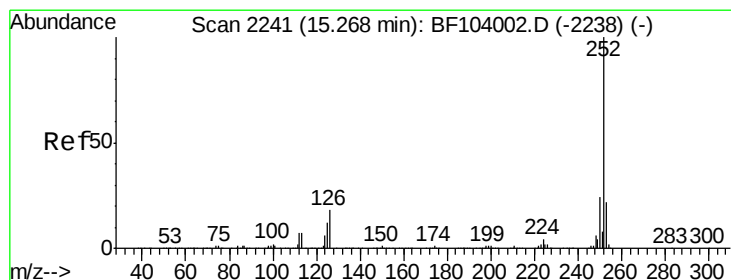
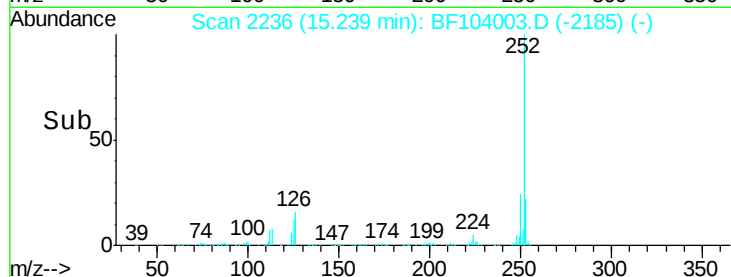
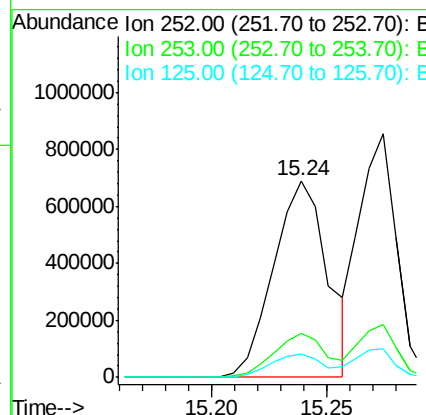
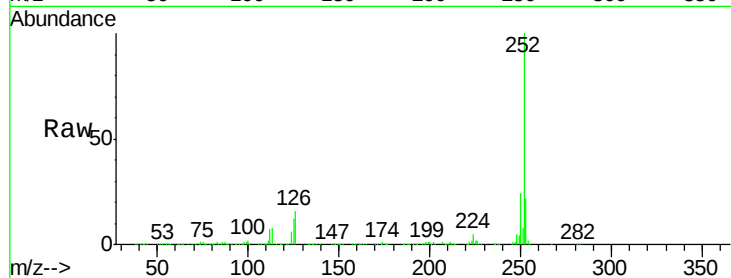




#87
Benzo(b)fluoranthene
Concen: 48.846 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

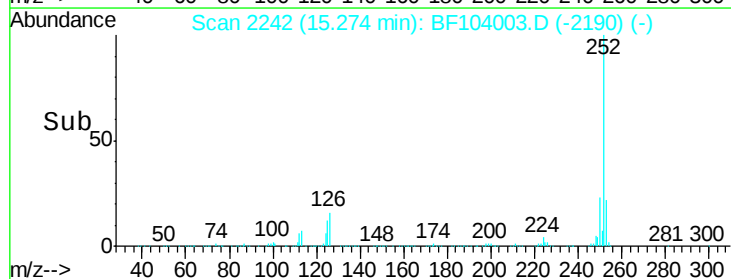
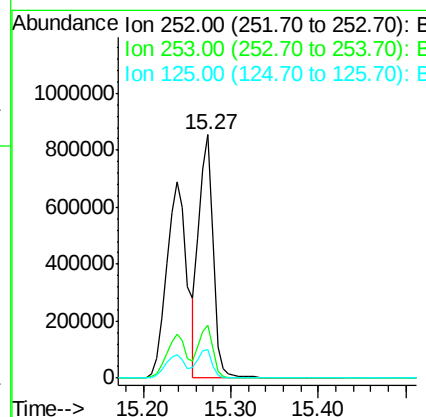
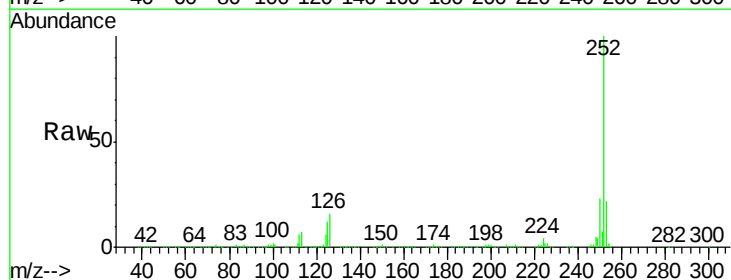
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1117919
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.573 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:252 Resp: 980608
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.8 10.2 15.2

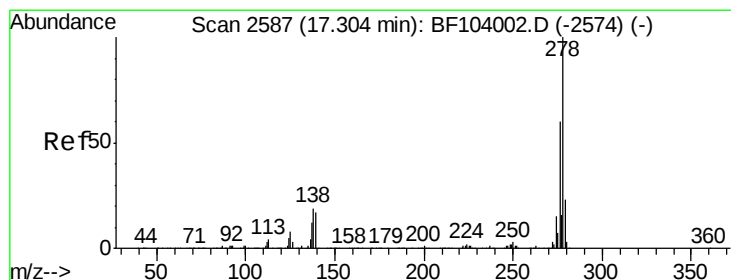
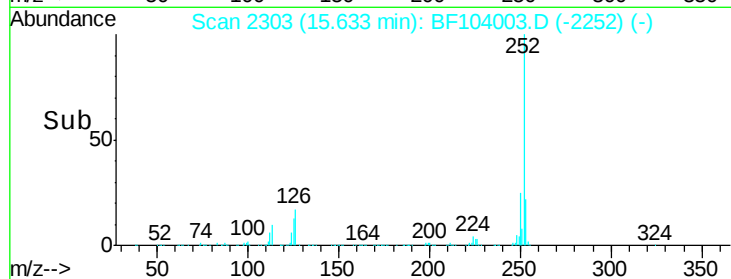
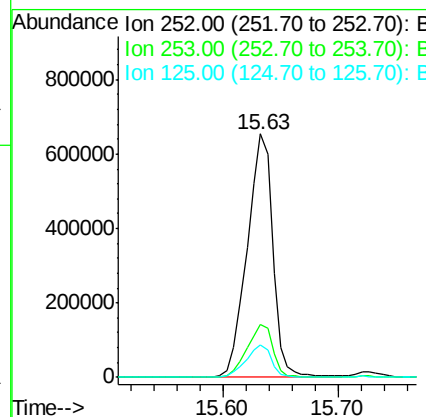
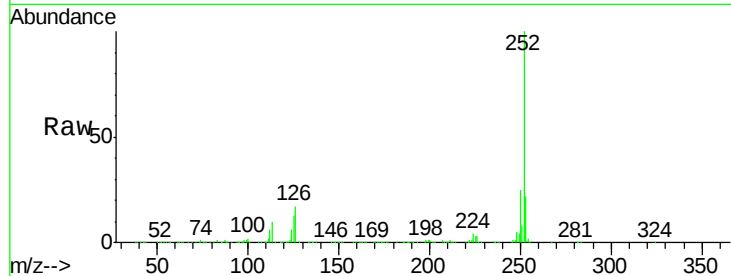




#89
Benzo(a)pyrene
Concen: 48.605 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

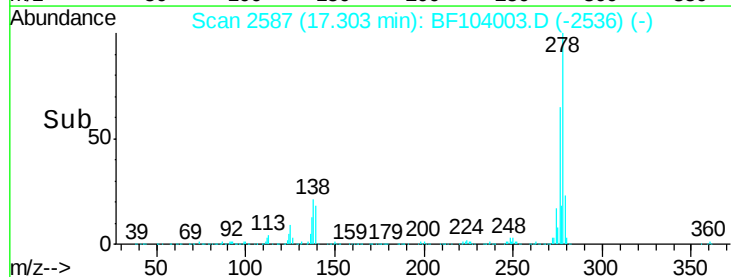
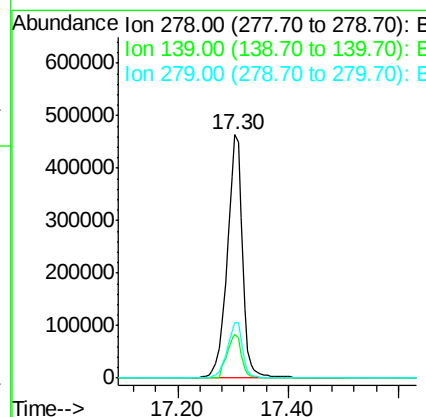
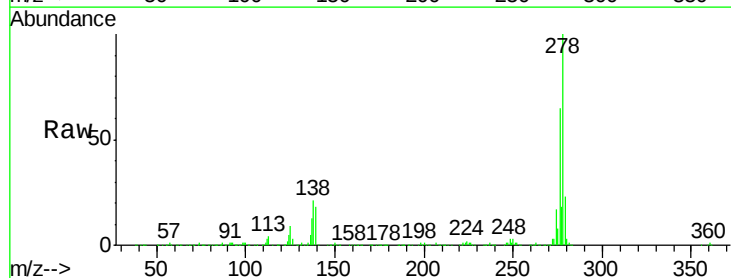
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1008963
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 50.361 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104003.D
Acq: 28 Mar 2018 11:54

Tgt Ion:278 Resp: 905219
Ion Ratio Lower Upper
278 100
139 17.9 15.9 23.9
279 23.0 19.0 28.4

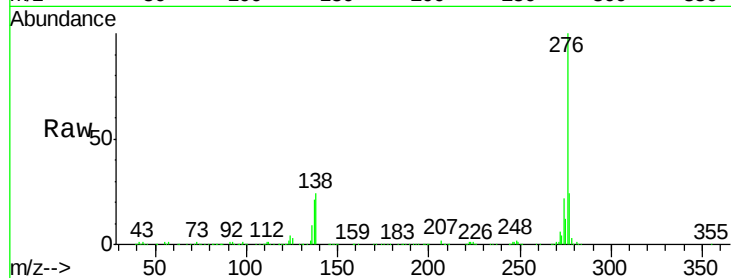




#91
 Benzo(a,h,i)perylene
 Concen: 51.385 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. 0.01 min
 Lab File: BF104003.D
 Acq: 28 Mar 2018 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	23.7	21.8	32.8



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

