

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104229.D
 Acq On : 4 Apr 2018 17:02
 Operator : JU/SJ
 Sample : PB107923BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 18:09:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	117454	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	492687	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	234227	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	442815	20.00	ng	0.00
75) Chrysene-d12	14.14	240	341361	20.00	ng	0.00
86) Perylene-d12	15.67	264	254399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	898346	121.97	ng	0.00
7) Phenol-d6	6.60	99	1108191	122.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	686690	85.24	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	334137	128.11	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1354818	91.21	ng	0.00
78) Terphenyl-d14	13.07	244	1402543	94.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	101334	31.901	ng	# 87
3) Pyridine	3.70	79	197190	24.521	ng	86
4) n-Nitrosodimethylamine	3.66	42	45405	18.996	ng	# 80
6) Aniline	6.63	93	223682	20.621	ng	# 71
8) 2-Chlorophenol	6.75	128	347803	43.050	ng	96
9) Benzaldehyde	6.53	77	51886	8.475	ng	91
10) Phenol	6.62	94	429702	42.800	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	364169	42.093	ng	90
12) 1,3-Dichlorobenzene	6.89	146	336052	37.004	ng	97
13) 1,4-Dichlorobenzene	6.97	146	381277	39.182	ng	100
14) 1,2-Dichlorobenzene	7.12	146	346707	39.640	ng	99
15) Benzyl Alcohol	7.10	79	221617	37.617	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	364912	38.716	ng	# 39
17) 2-Methylphenol	7.21	107	257040	39.090	ng	# 80
18) Hexachloroethane	7.45	117	129412	39.721	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	219239	40.770	ng	89
20) 3+4-Methylphenols	7.37	107	357414	42.590	ng	# 60
22) Acetophenone	7.36	105	472722	39.656	ng	99
24) Nitrobenzene	7.54	77	300589	35.461	ng	98
25) Isophorone	7.76	82	630260	42.450	ng	99
26) 2-Nitrophenol	7.85	139	189871	42.912	ng	95
27) 2,4-Dimethylphenol	7.89	122	282394	44.253	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	401141	43.109	ng	99
29) 2,4-Dichlorophenol	8.10	162	283207	42.490	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	298220	39.434	ng	99
31) Naphthalene	8.26	128	1009751	41.952	ng	100
32) Benzoic acid	8.03	122	110518	23.641	ng	93
33) 4-Chloroaniline	8.33	127	101830	10.035	ng	94
34) Hexachlorobutadiene	8.36	225	157108	38.176	ng	98
35) Caprolactam	8.69	113	45511	21.534	ng	# 73
36) 4-Chloro-3-methylphenol	8.80	107	309619	43.918	ng	99
37) 2-Methylnaphthalene	8.95	142	644883	40.675	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	294584	41.013	ng	98
40) Hexachlorocyclopentadiene	9.09	237	204588	61.825	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	174852	38.444	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	207227	37.736	nq	95
45) 1,1'-Biphenyl	9.41	154	809596	40.272	nq	99
46) 2-Chloronaphthalene	9.44	162	641773	40.471	nq	98
47) 2-Nitroaniline	9.55	65	179242	39.640	nq	93
48) Acenaphthylene	9.86	152	933853	38.872	nq	99
49) Dimethylphthalate	9.71	163	731125	39.535	nq	100
50) 2,6-Dinitrotoluene	9.78	165	165402	41.573	nq	96
51) Acenaphthene	10.02	154	535787	38.553	nq	99
52) 3-Nitroaniline	9.97	138	87260	19.079	nq	97
53) 2,4-Dinitrophenol	10.08	184	72646	44.484	nq #	29
54) Dibenzofuran	10.20	168	824486	40.626	nq	97
55) 4-Nitrophenol	10.15	139	146326	53.359	nq	93
56) 2,4-Dinitrotoluene	10.19	165	205224	40.424	nq #	96
57) Fluorene	10.55	166	678132	40.508	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	188037	45.703	nq #	85
59) Diethylphthalate	10.40	149	711335	40.152	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	324810	42.244	nq	94
61) 4-Nitroaniline	10.60	138	160335	37.466	nq	95
62) Azobenzene	10.69	77	655497	40.919	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	82250	30.685	nq	87
65) n-Nitrosodiphenylamine	10.66	169	600221	40.024	nq	100
66) 4-Bromophenyl-phenylether	11.02	248	189425	39.984	nq	91
67) Hexachlorobenzene	11.09	284	214048	39.278	nq	95
68) Atrazine	11.18	200	194453	42.324	nq	98
69) Pentachlorophenol	11.29	266	187335	62.471	nq	95
70) Phenanthrene	11.51	178	940953	39.248	nq	98
71) Anthracene	11.56	178	1115566	44.548	nq	99
72) Carbazole	11.73	167	986747	41.285	nq	99
73) Di-n-butylphthalate	12.03	149	1113827	39.123	nq	99
74) Fluoranthene	12.70	202	1056546	41.460	nq	98
76) Benzidine	12.84	184	312791	32.154	nq	98
77) Pyrene	12.94	202	1026688	41.839	nq	99
79) Butylbenzylphthalate	13.53	149	471225	40.760	nq	96
80) Benzo(a)anthracene	14.13	228	819241	38.355	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	151748	21.463	nq	99
82) Chrysene	14.17	228	906309	43.321	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	622291	41.660	nq	99
84) Di-n-octyl phthalate	14.70	149	978076	38.064	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	599769	27.666	nq	96
87) Benzo(b)fluoranthene	15.22	252	614173	39.669	nq	98
88) Benzo(k)fluoranthene	15.25	252	752247	51.578	nq	98
89) Benzo(a)pyrene	15.61	252	621660	43.329	nq	99
90) Dibenzo(a,h)anthracene	17.27	278	501437	37.801	nq	97
91) Benzo(g,h,i)perylene	17.74	276	500693	37.684	nq	97

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

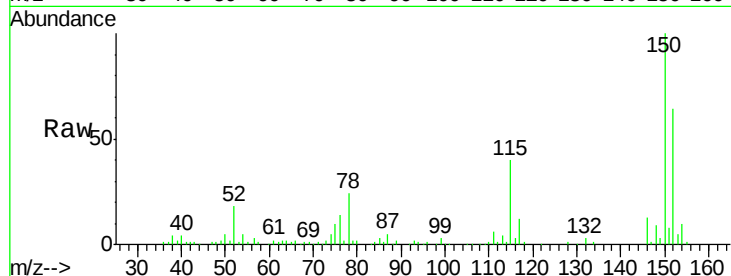


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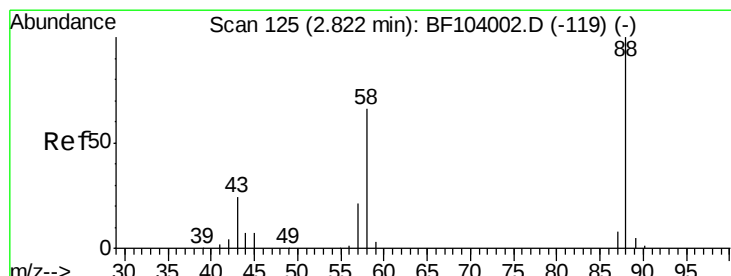
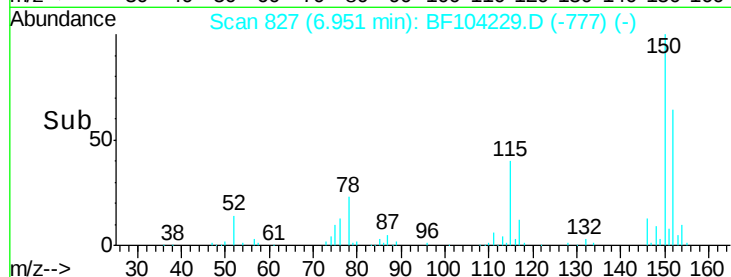
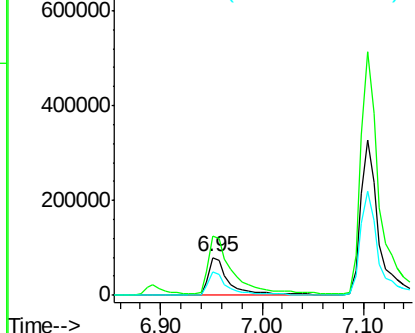
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 117454
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 62.5 50.1 75.1



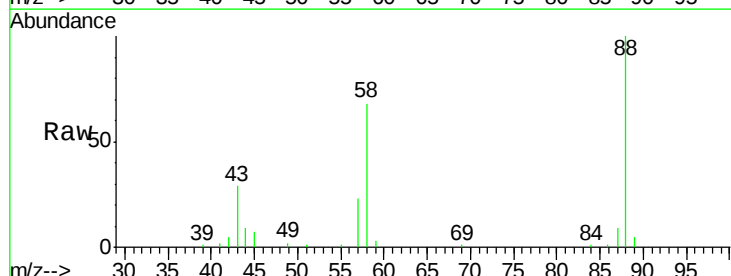
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



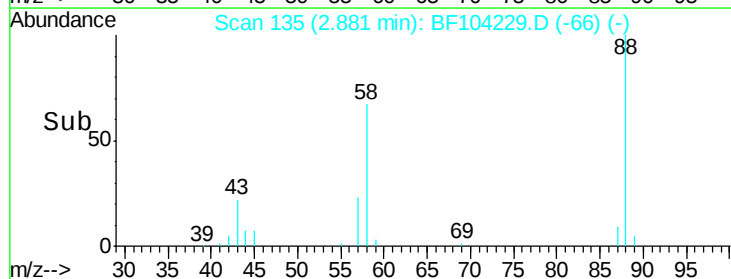
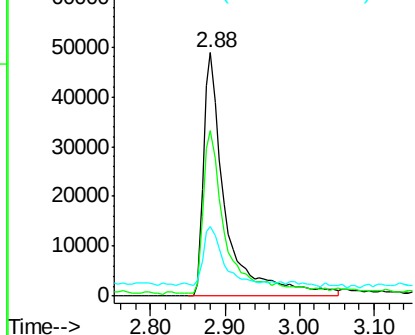
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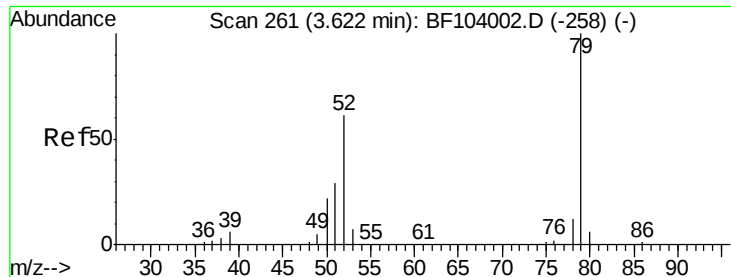
1,4-Dioxane
 Concen: 31.901 ng
 RT: 2.88 min Scan# 135
 Delta R.T. 0.11 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion: 88 Resp: 101334
 Ion Ratio Lower Upper
 88 100
 58 67.4 62.6 93.8
 43 22.2 24.6 37.0#



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





#3

Pvridine

Concen: 24.521 ng

RT: 3.70 min Scan# 275

Delta R.T. 0.10 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

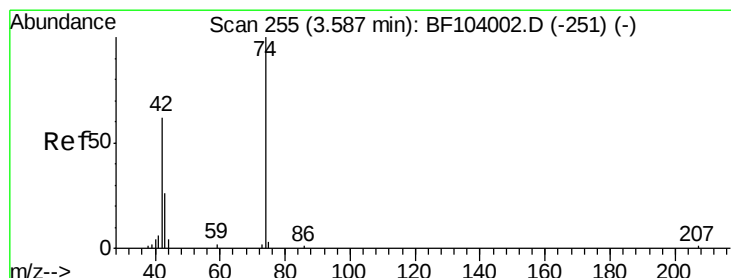
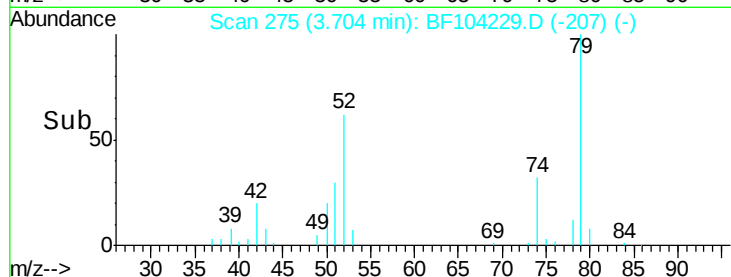
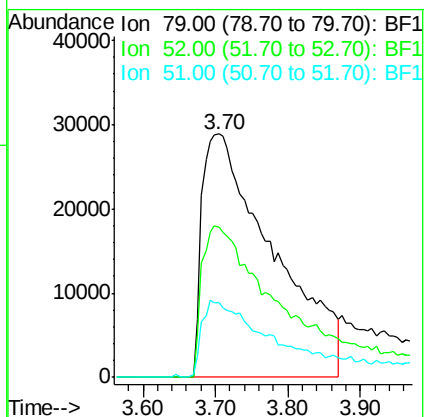
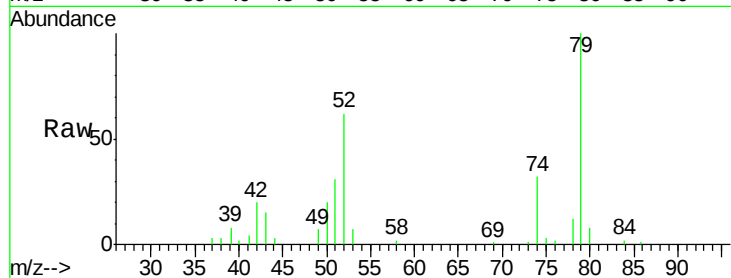
Tot Ion: 79 Resp: 197190

Ion Ratio Lower Upper

79 100

52 61.8 59.8 89.6

51 30.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 18.996 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.08 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

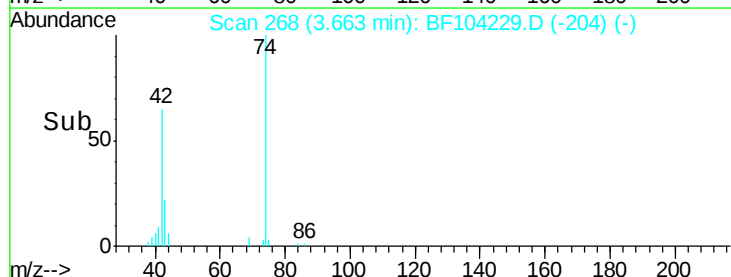
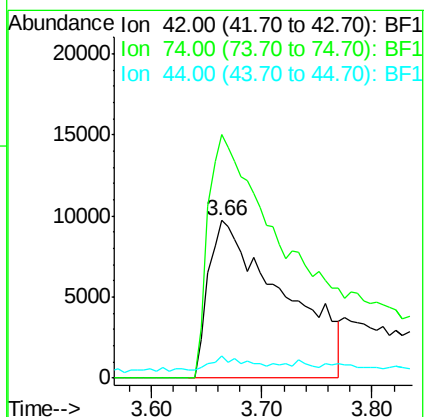
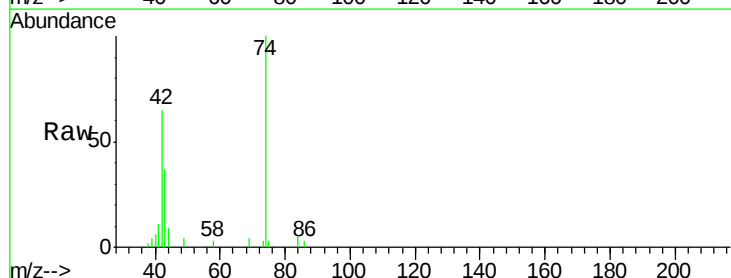
Tgt Ion: 42 Resp: 45405

Ion Ratio Lower Upper

42 100

74 154.8 104.9 157.3

44 14.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 121.974 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampled :

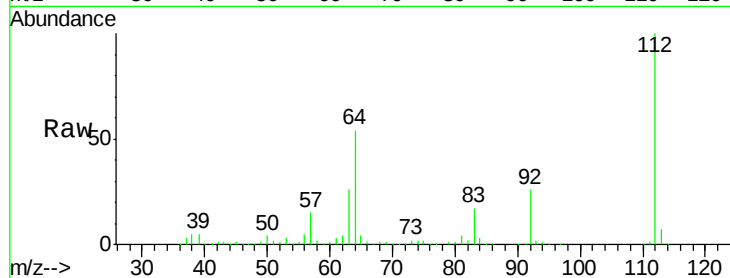
Tot Ion:112 Resp: 898346

Ion Ratio Lower Upper

112 100

64 53.7 47.9 71.9

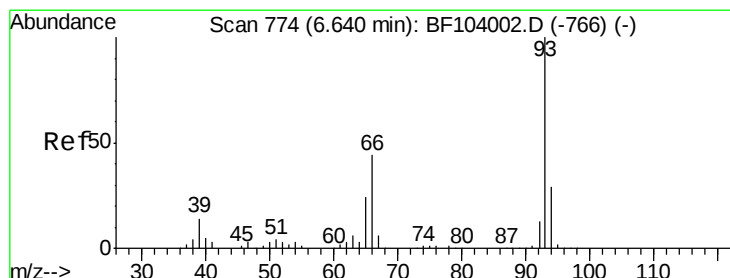
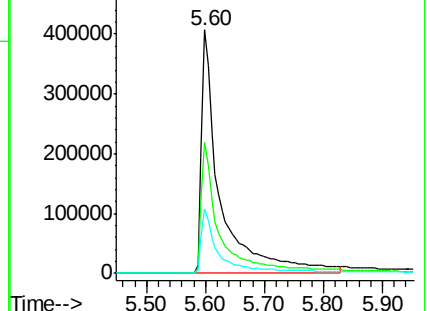
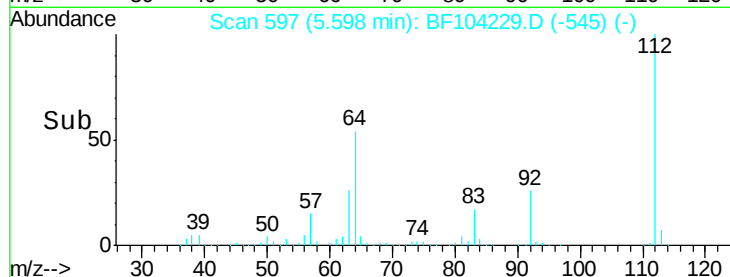
63 26.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.621 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

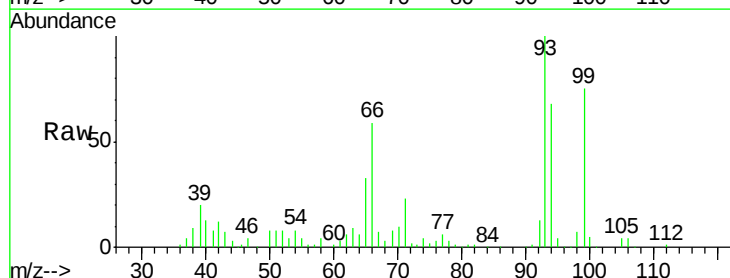
Tgt Ion: 93 Resp: 223682

Ion Ratio Lower Upper

93 100

66 59.0 32.2 48.2#

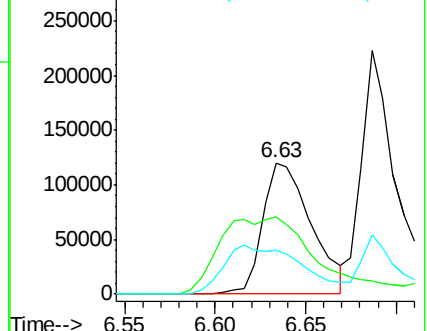
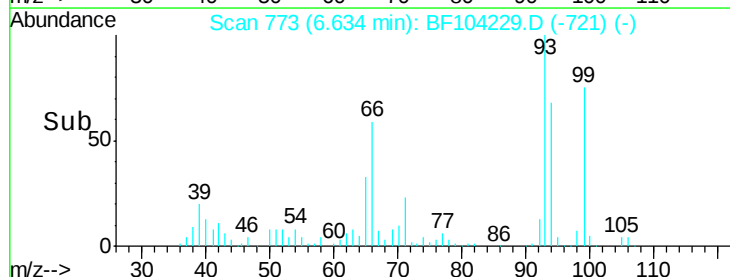
65 33.1 16.4 24.6#

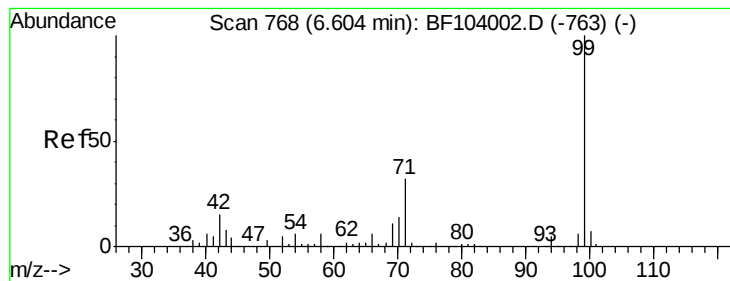


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.300 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

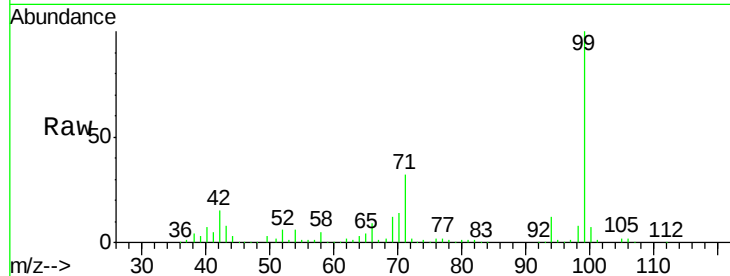
Tot Ion: 99 Resp: 1108191

Ion Ratio Lower Upper

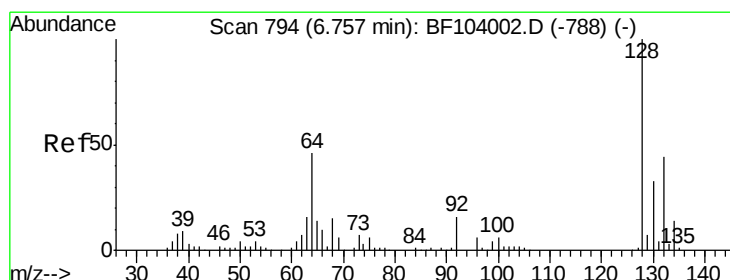
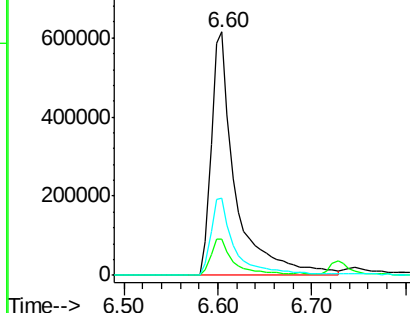
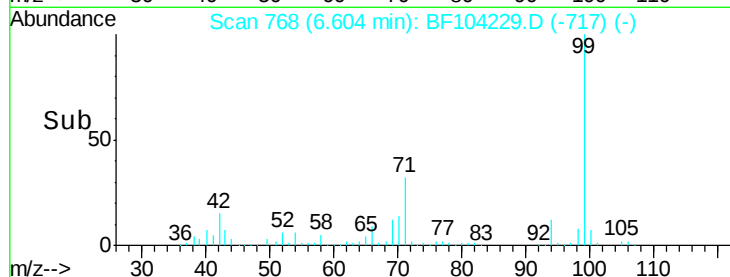
99 100

42 14.8 14.5 21.7

71 31.6 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: 43.050 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

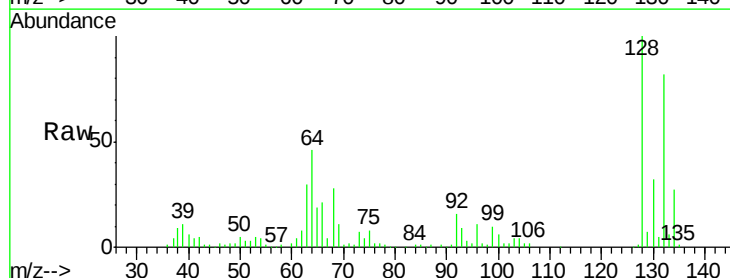
Tgt Ion:128 Resp: 347803

Ion Ratio Lower Upper

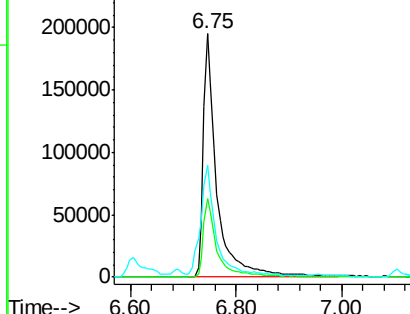
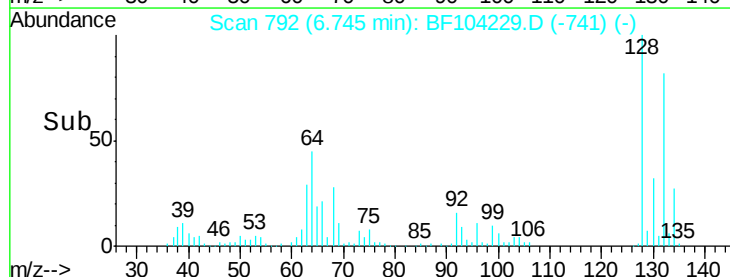
128 100

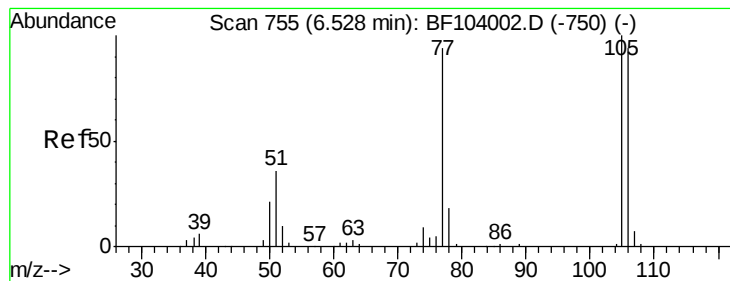
130 32.4 13.0 53.0

64 45.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.475 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

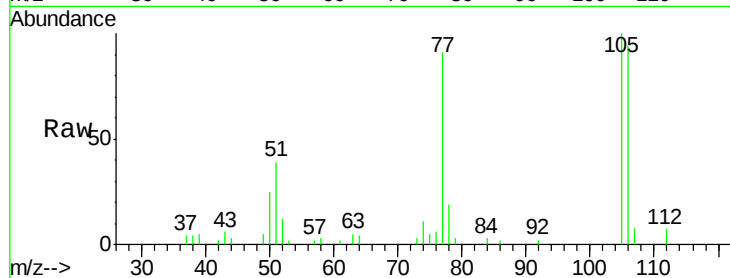
Tot Ion: 77 Resp: 51886

Ion Ratio Lower Upper

77 100

105 109.6 81.1 121.1

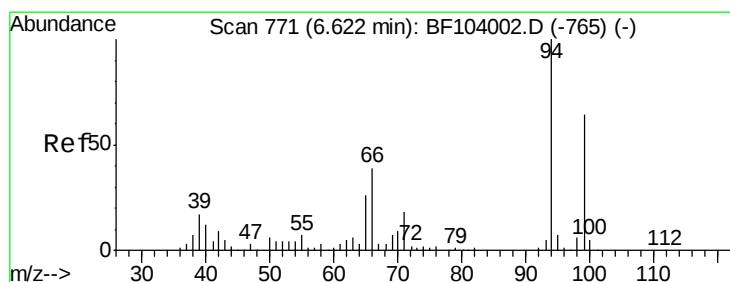
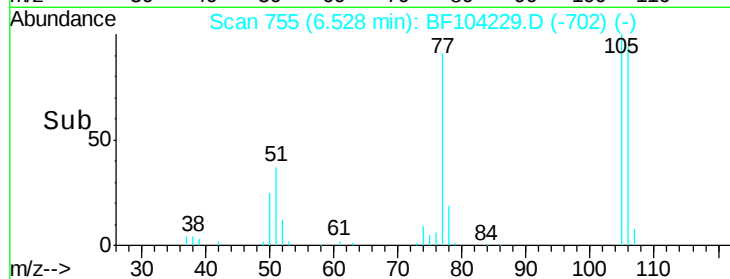
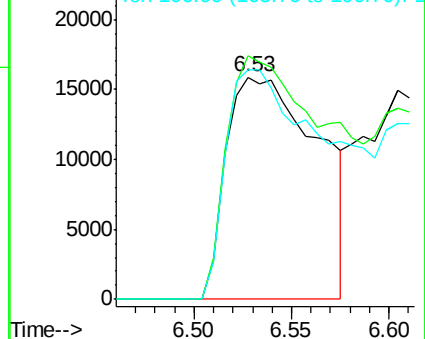
106 103.4 74.5 114.5



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: 42.800 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

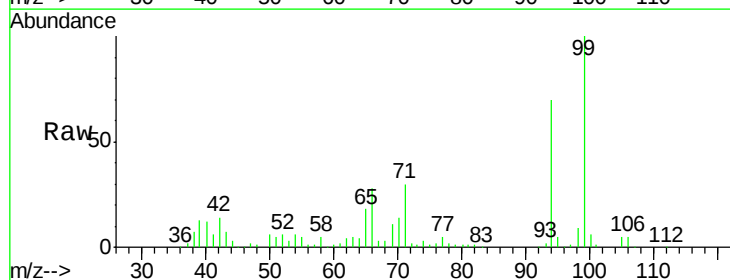
Tgt Ion: 94 Resp: 429702

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

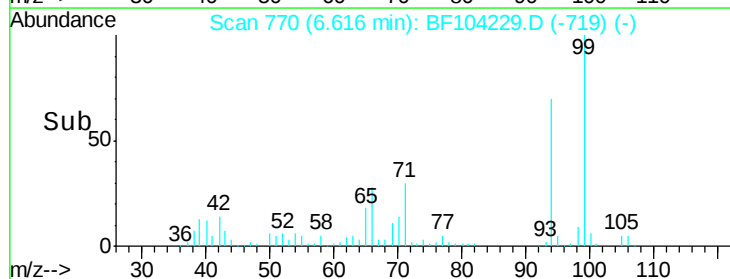
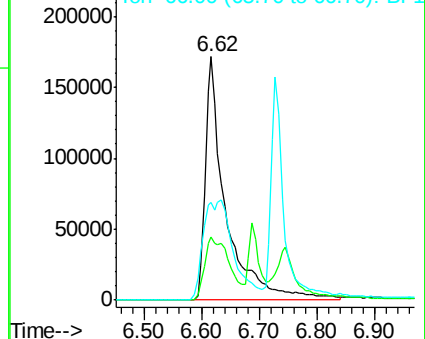
66 40.1 16.2 56.2



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

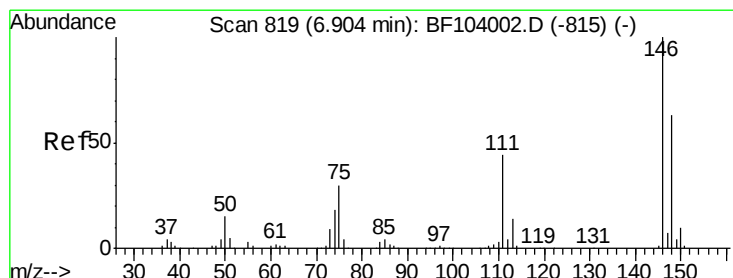
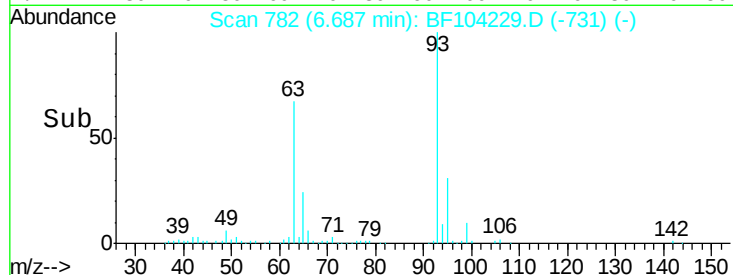
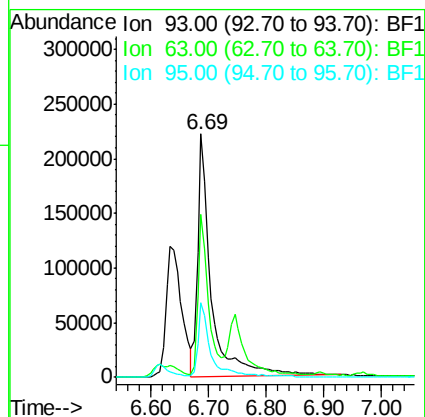
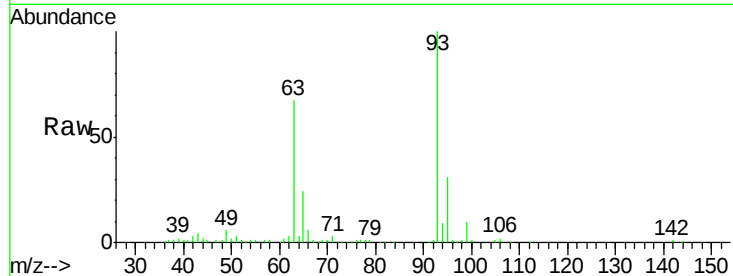




#11
bis(2-Chloroethyl)ether
Concen: 42.093 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

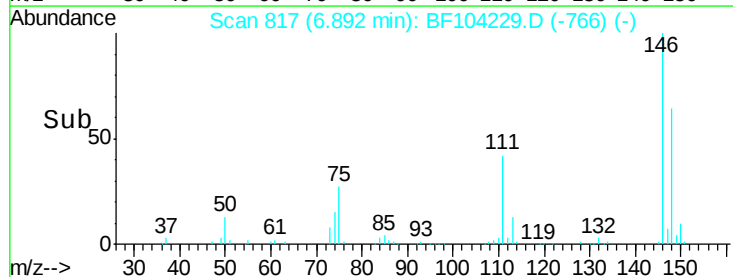
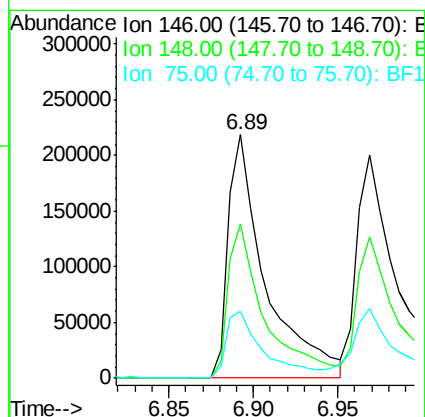
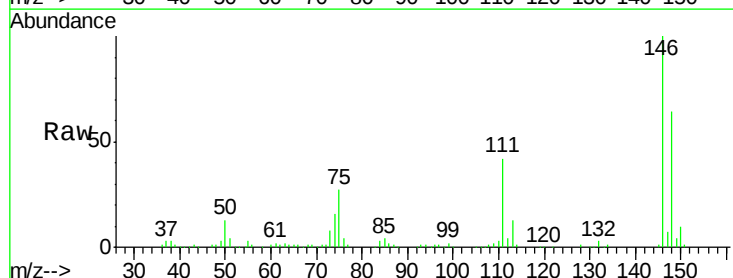
Instrument :
BNA_F
ClientSampled :

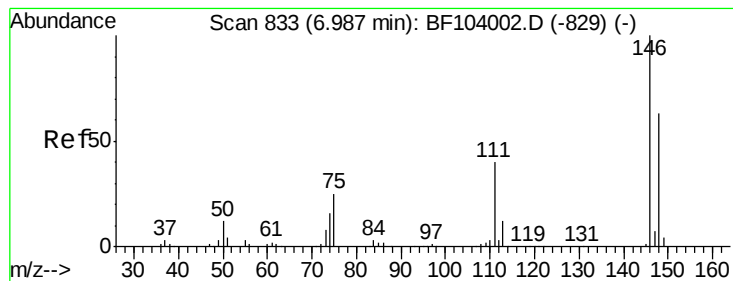
Tot Ion: 93 Resp: 364169
Ion Ratio Lower Upper
93 100
63 67.1 58.6 98.6
95 30.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.004 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion: 146 Resp: 336052
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 27.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.182 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

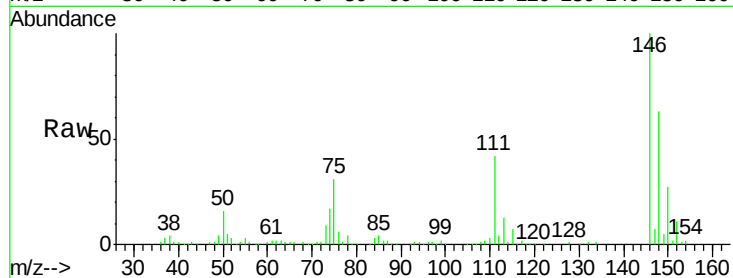
Tot Ion:146 Resp: 381277

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

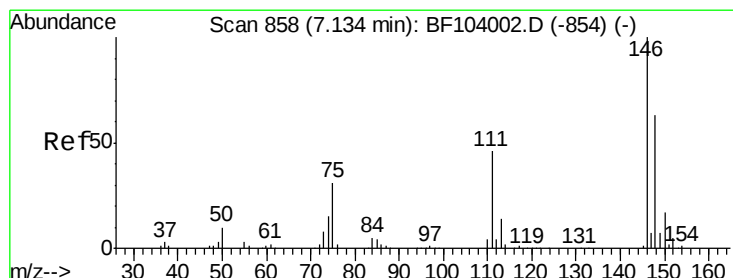
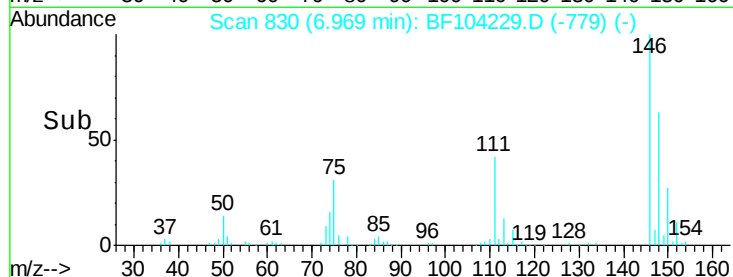
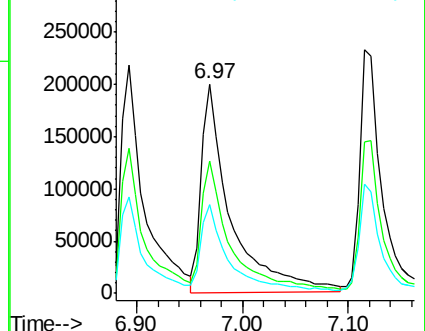
111 42.2 34.2 51.2



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: 39.640 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

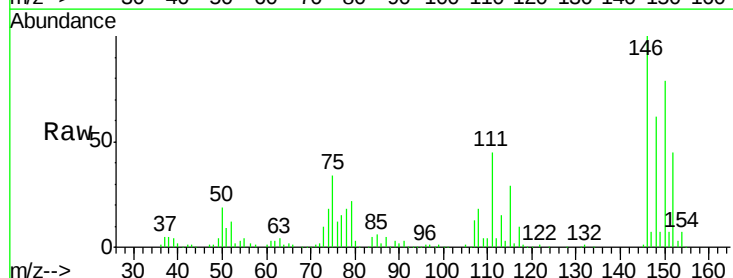
Tgt Ion:146 Resp: 346707

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

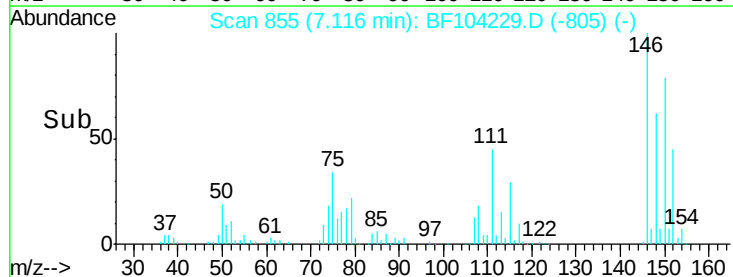
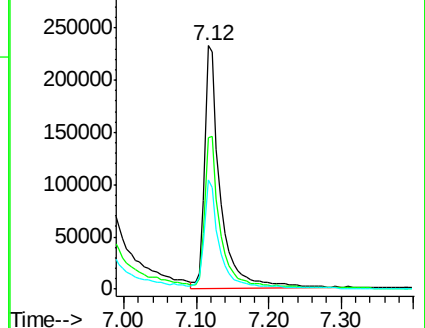
111 44.9 36.0 54.0

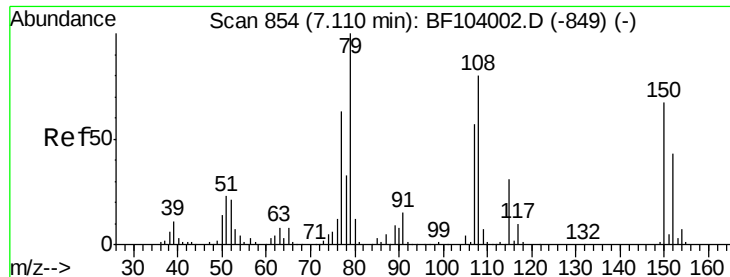


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

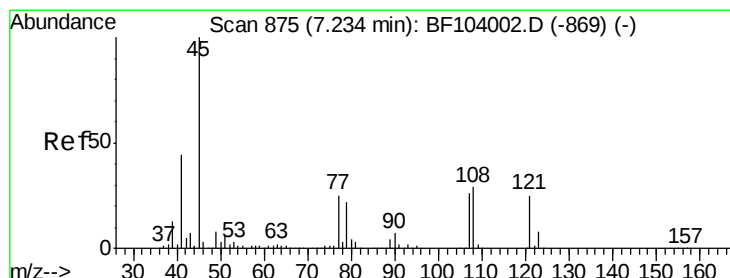
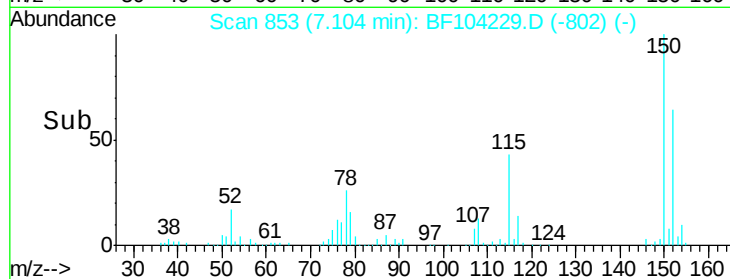
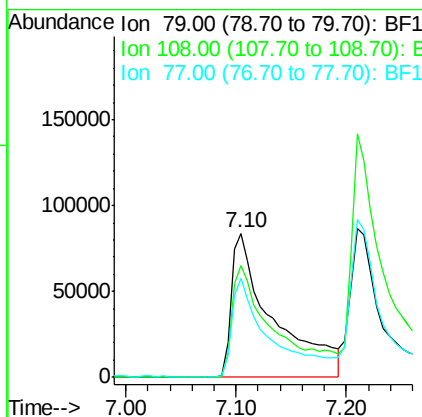
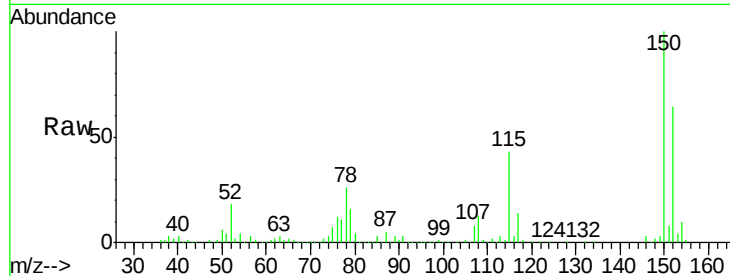




#15
Benzyl Alcohol
Concen: 37.617 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

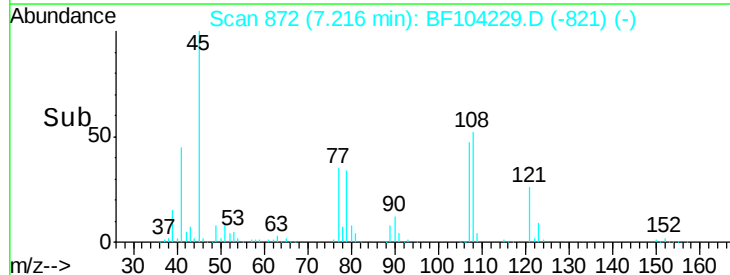
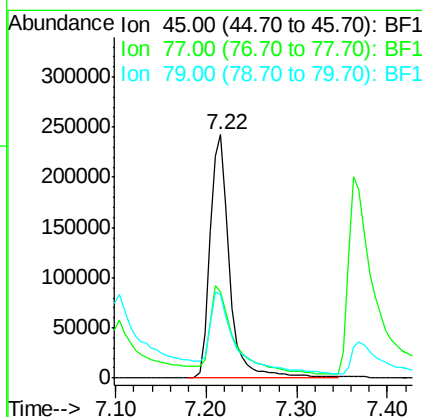
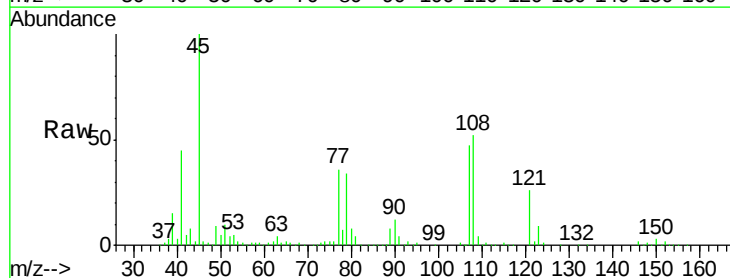
Instrument :
BNA_F
ClientSampleId :

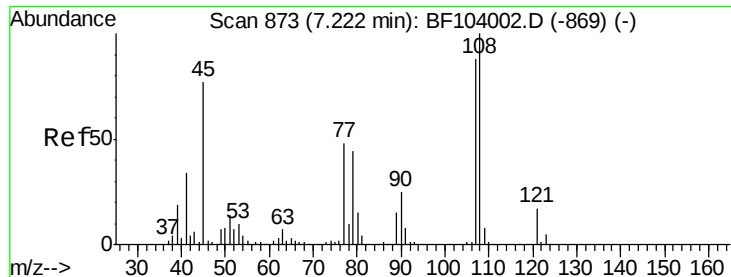
Tot Ion: 79 Resp: 221617
Ion Ratio Lower Upper
79 100
108 77.2 65.1 97.7
77 68.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.716 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion: 45 Resp: 364912
Ion Ratio Lower Upper
45 100
77 35.5 0.0 32.9#
79 34.3 0.0 29.6#

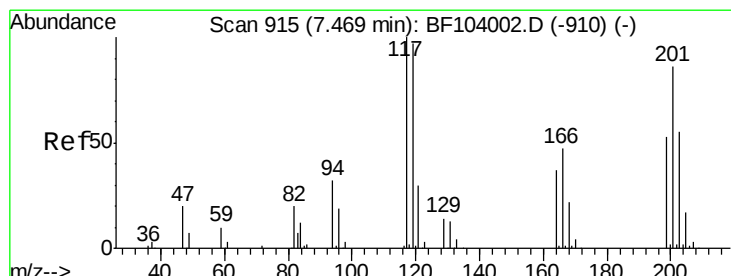
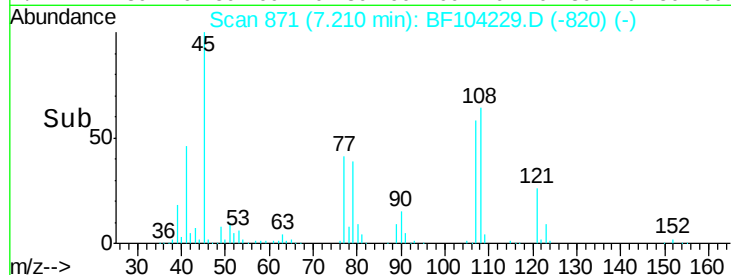
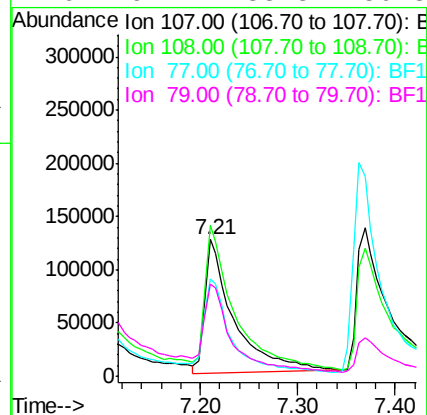
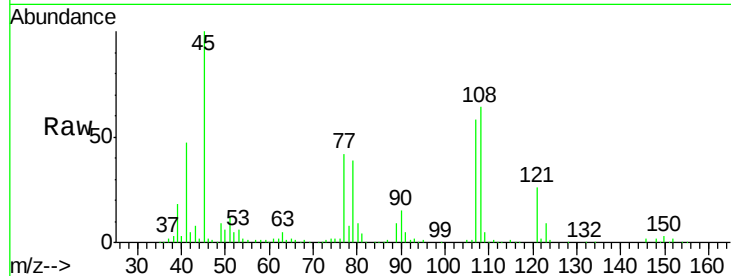




#17
2-Methylphenol
Concen: 39.090 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

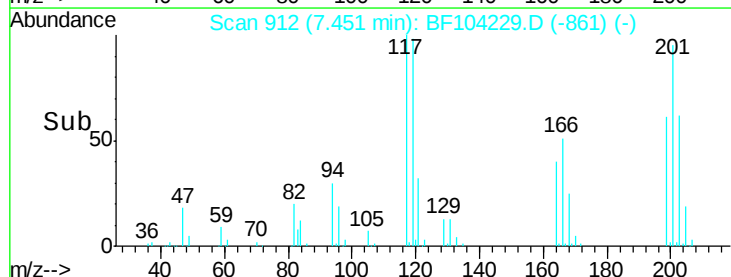
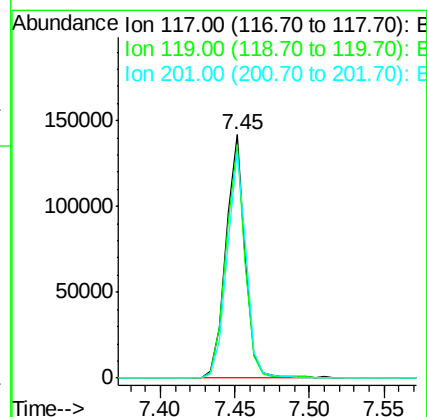
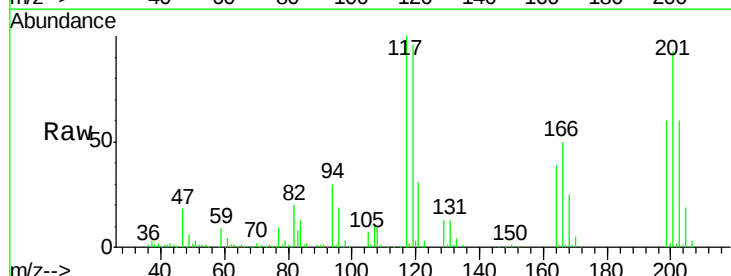
Instrument :
BNA_F
ClientSampleId :

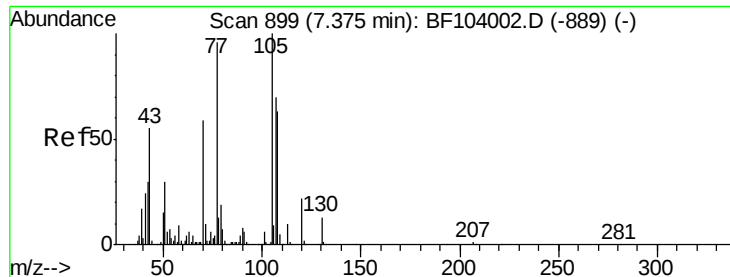
Tot Ion:107 Resp: 257040
Ion Ratio Lower Upper
107 100
108 110.6 91.7 137.5
77 71.6 33.8 50.8#
79 67.4 33.8 50.8#



#18
Hexachloroethane
Concen: 39.721 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:117 Resp: 129412
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 93.4 75.7 113.5

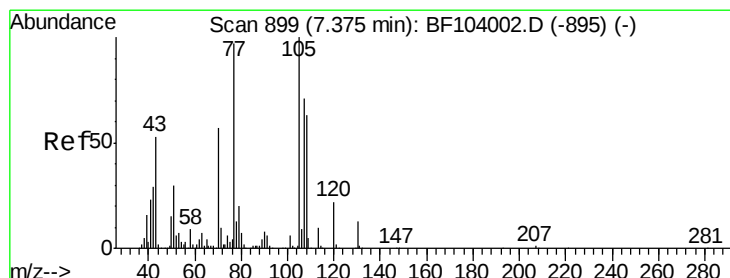
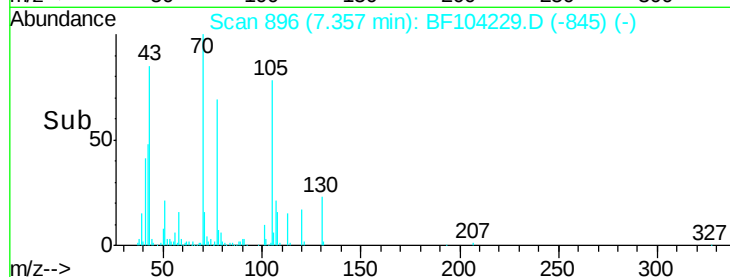
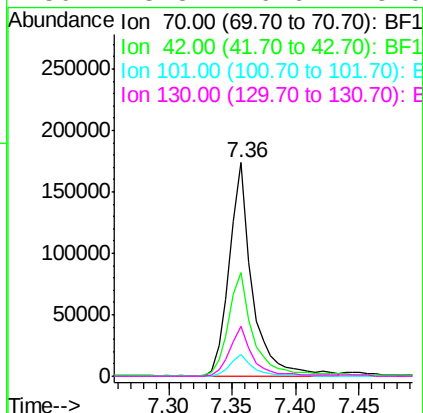
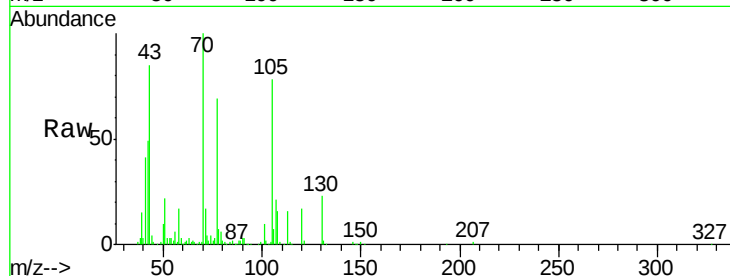




#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

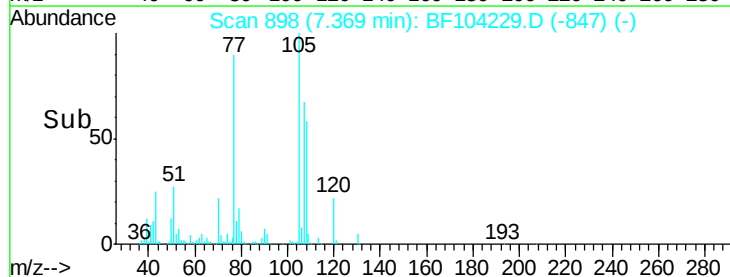
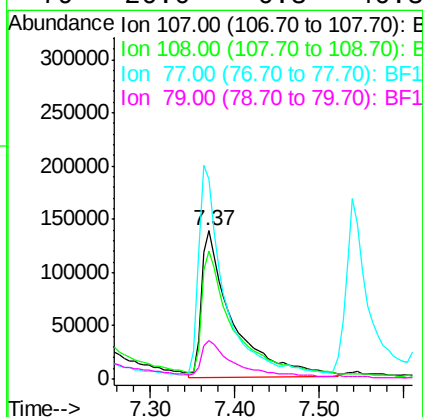
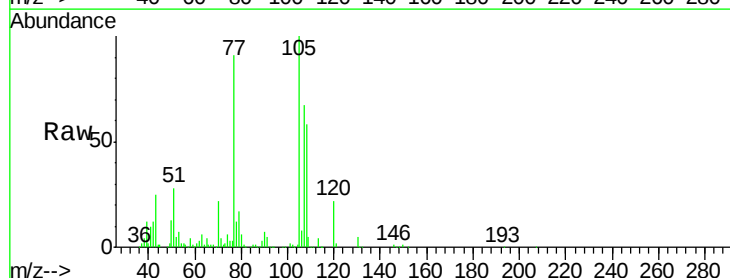
Instrument :
BNA_F
ClientSampled :

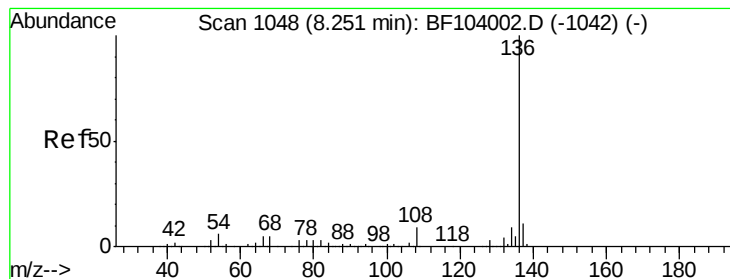
Tot Ion: 70 Resp: 219239
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 10.0 7.4 11.2
130 23.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.590 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:107 Resp: 357414
Ion Ratio Lower Upper
107 100
108 86.4 68.2 108.2
77 135.4 26.7 66.7#
79 26.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 492687

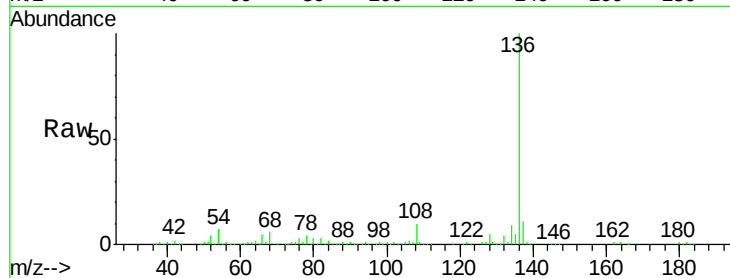
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.6 5.0 7.4

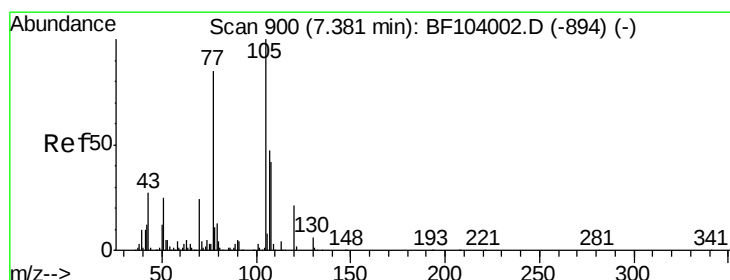
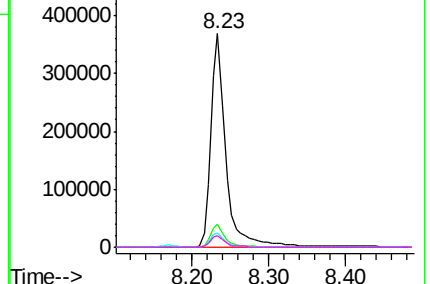
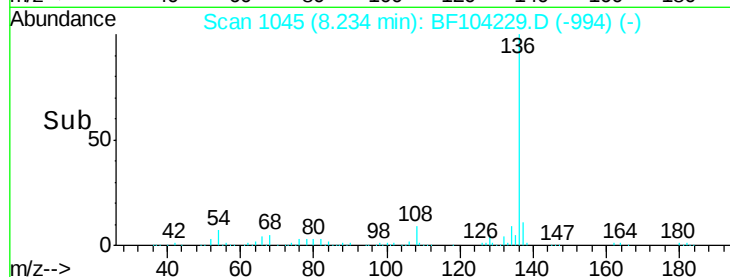


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.656 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:105 Resp: 472722

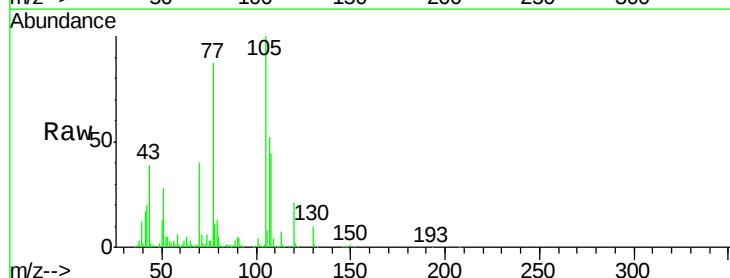
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 27.8 22.3 33.5

120 21.3 16.9 25.3

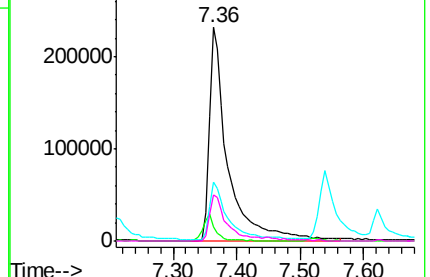
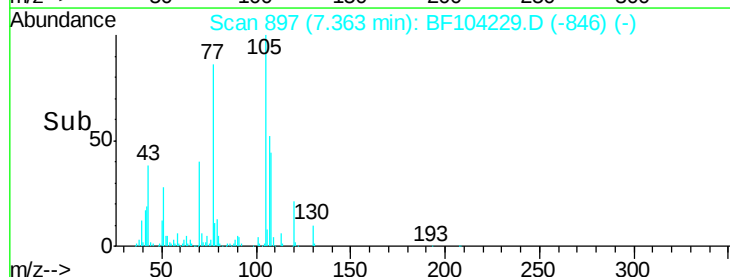


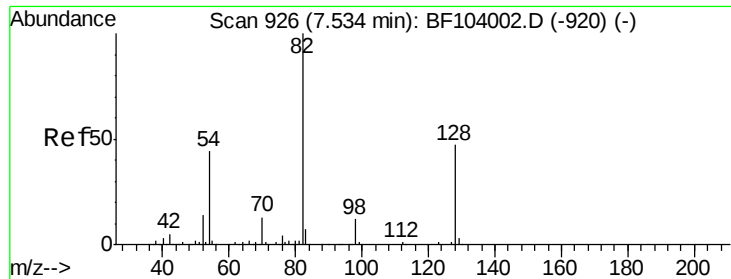
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

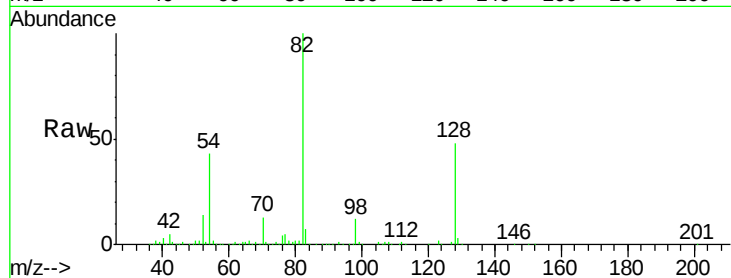




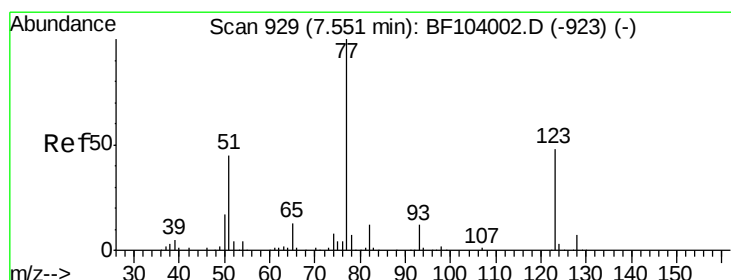
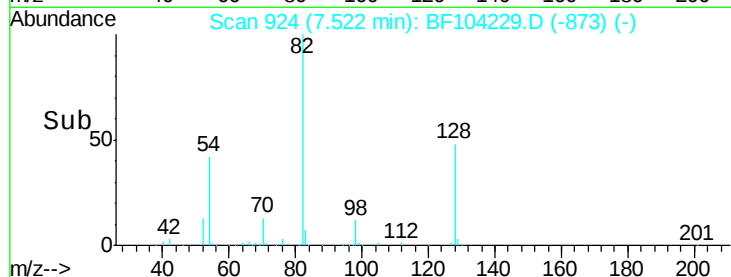
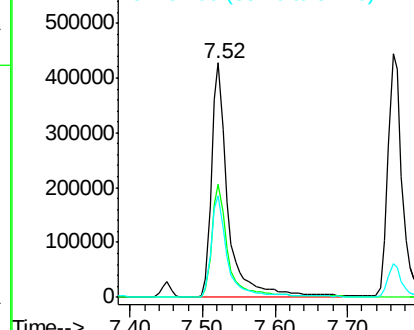
#23
 Nitrobenzene-d5
 Concen: 85.236 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	686690
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	43.2	41.4	62.2

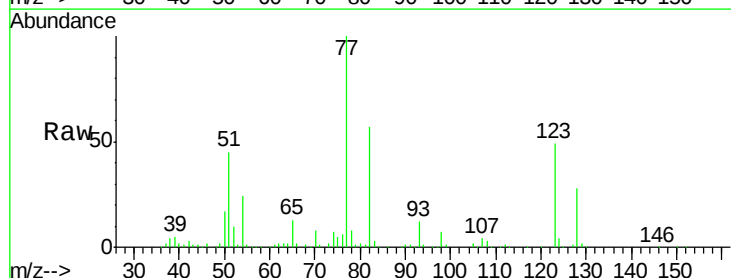


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

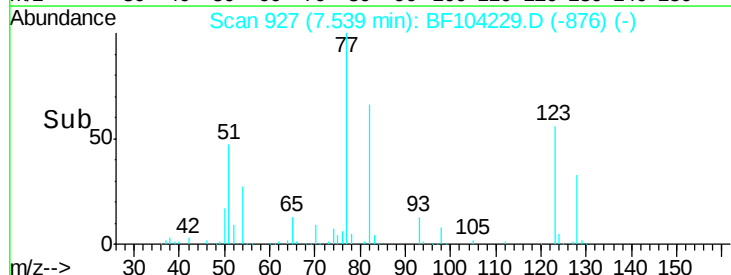
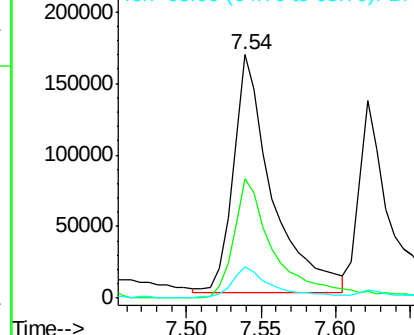


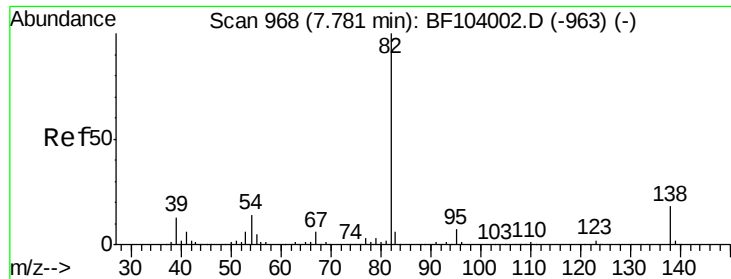
#24
 Nitrobenzene
 Concen: 35.461 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	77	Resp	300589
Ion Ratio	Lower	Upper	
77	100		
123	49.0	37.9	56.9
65	12.7	11.0	16.4



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

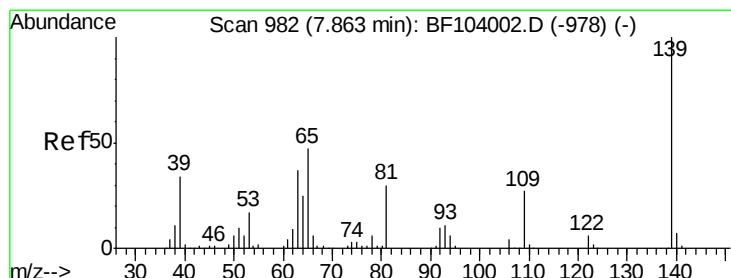
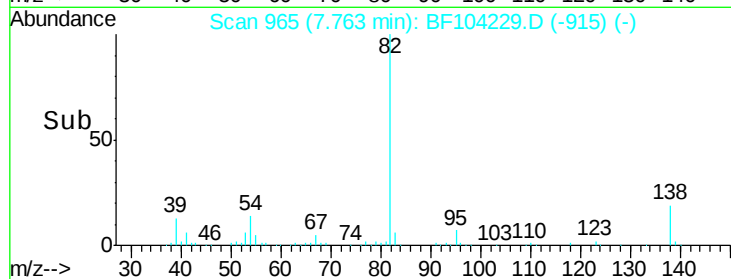
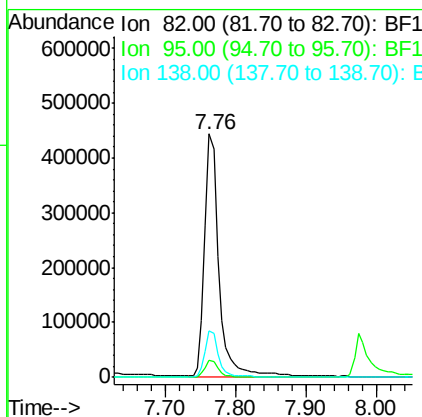
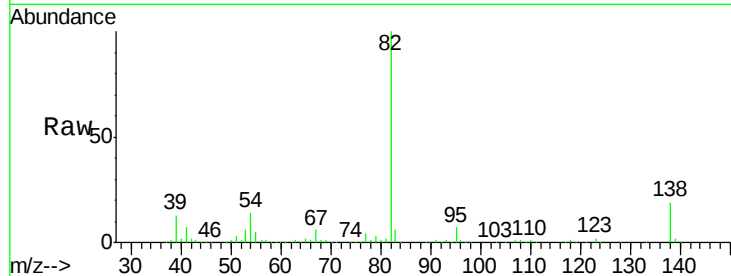




#25
Isophorone
Concen: 42.450 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

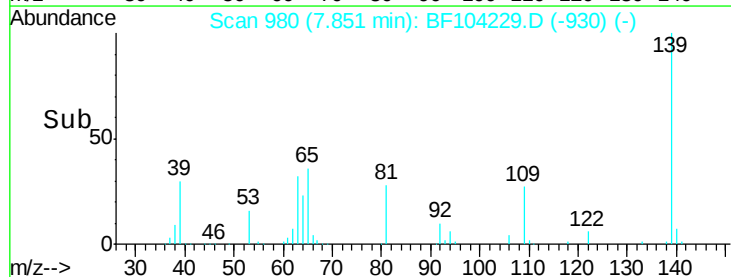
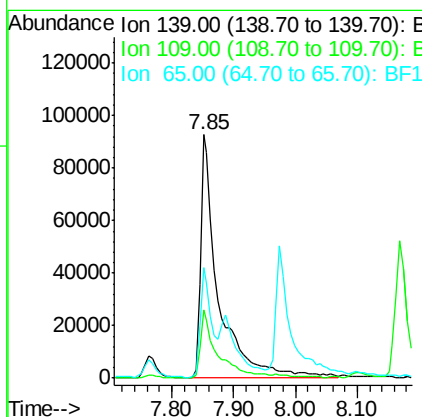
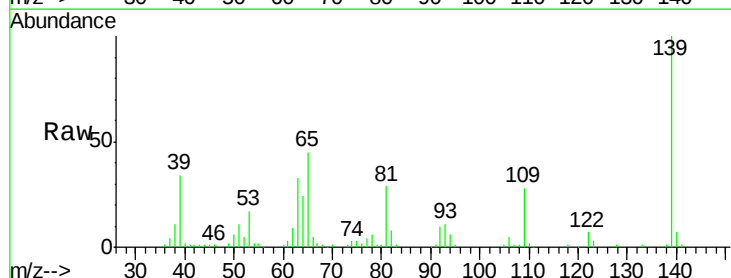
Instrument :
BNA_F
ClientSampleId :

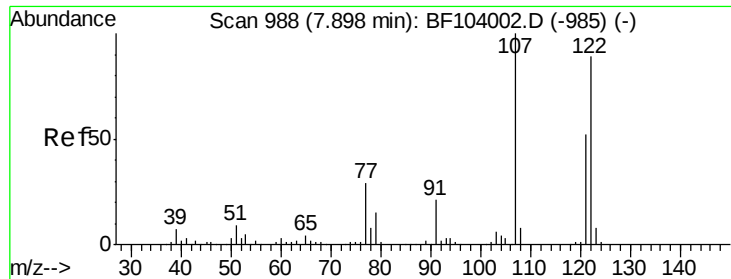
Tot Ion: 82 Resp: 630260
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 42.912 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion: 139 Resp: 189871
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 45.3 40.5 60.7

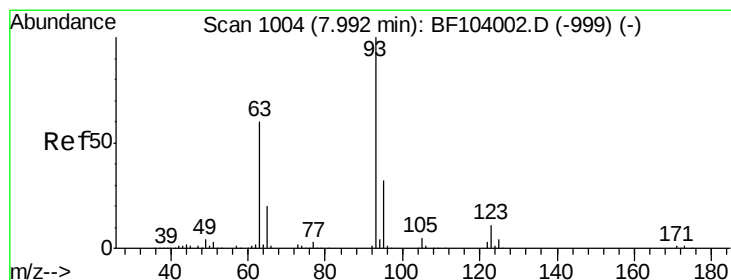
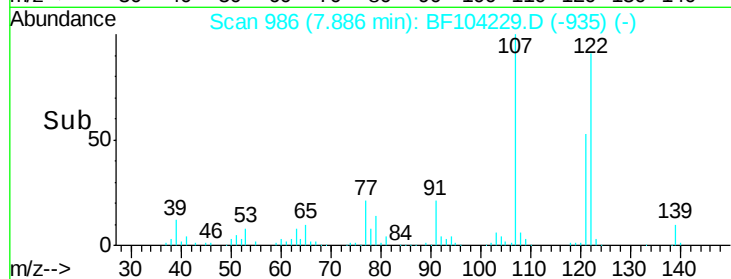
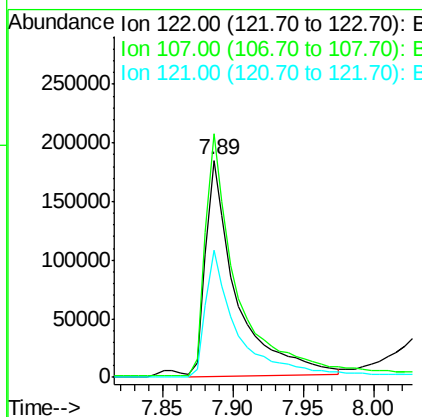
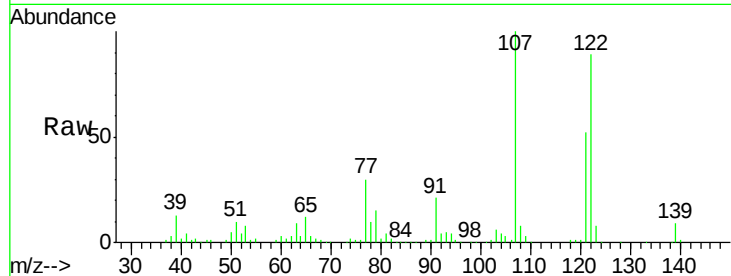




#27
2,4-Dimethylphenol
Concen: 44.253 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

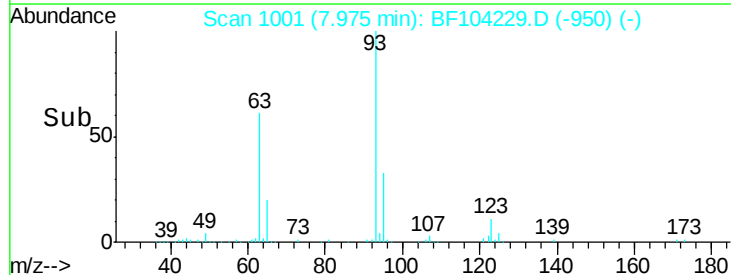
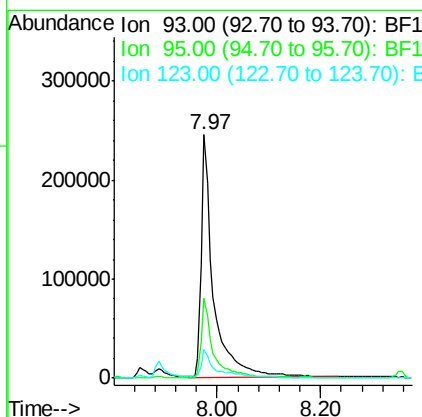
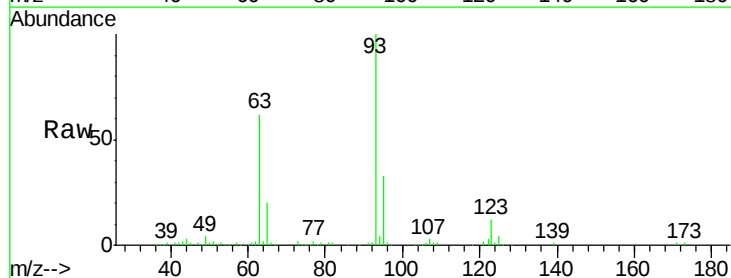
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 282394
Ion Ratio Lower Upper
122 100
107 112.2 91.2 136.8
121 58.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.109 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion: 93 Resp: 401141
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 11.6 9.8 14.6

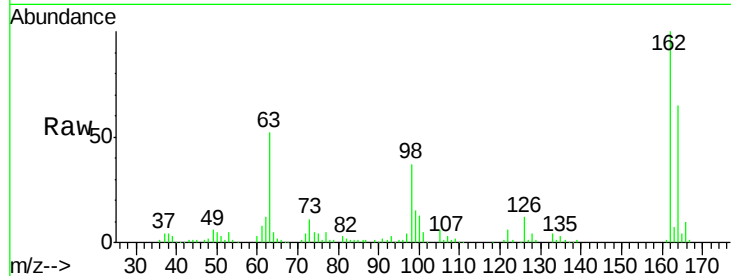




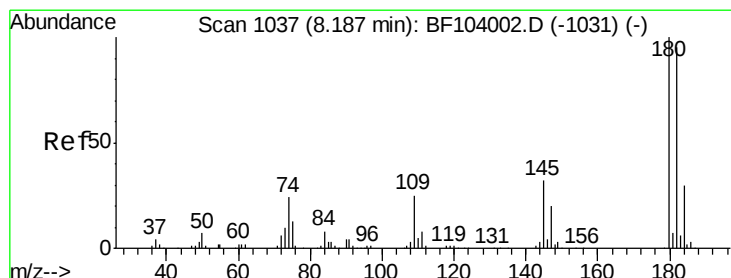
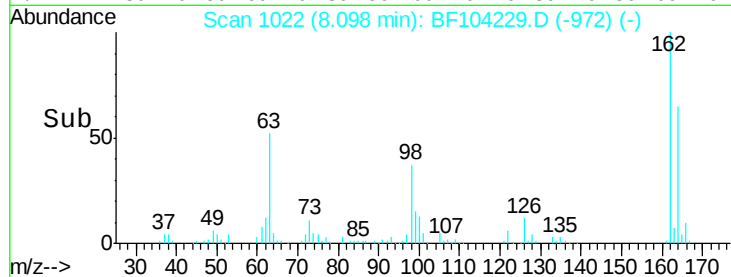
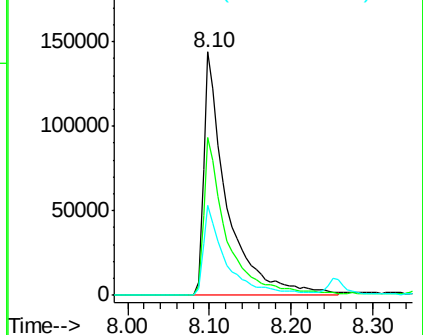
#29
 2,4-Dichlorophenol
 Concen: 42.490 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	36.8	18.1	58.1

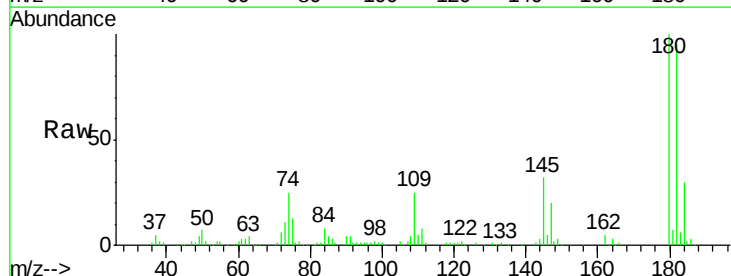


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

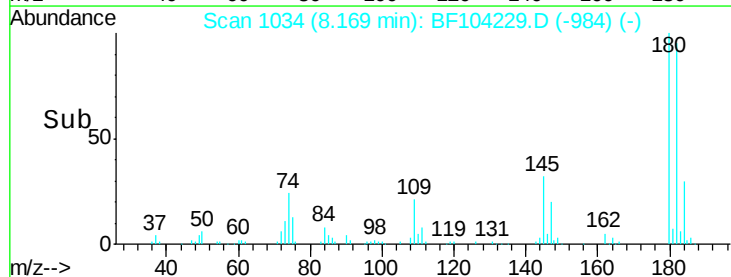
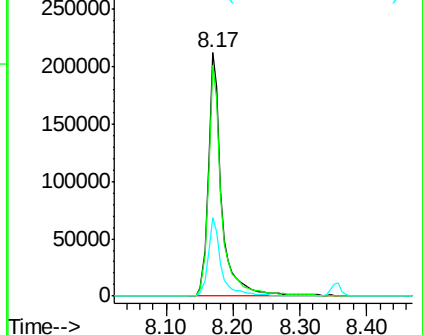


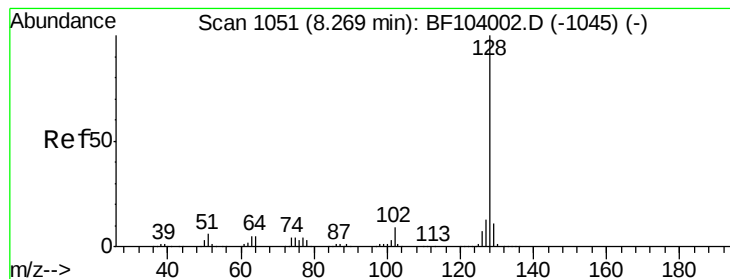
#30
 1,2,4-Trichlorobenzene
 Concen: 39.434 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	32.4	26.5	39.7



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





#31

Naphthalene

Concen: 41.952 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampled :

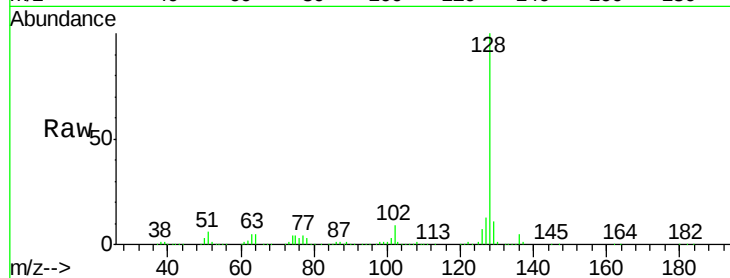
Tot Ion:128 Resp: 1009751

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

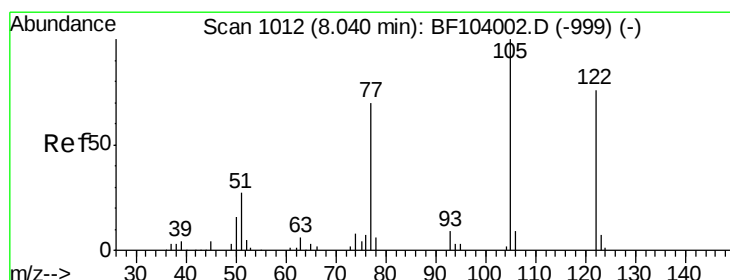
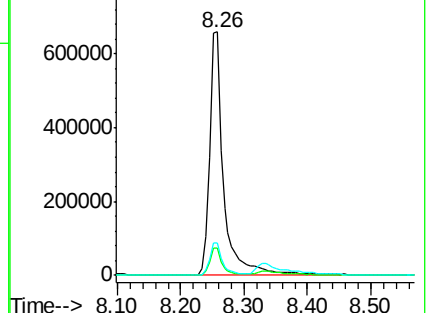
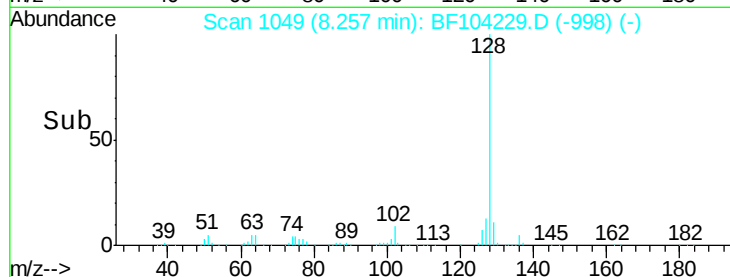
127 13.4 10.9 16.3



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: 23.641 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

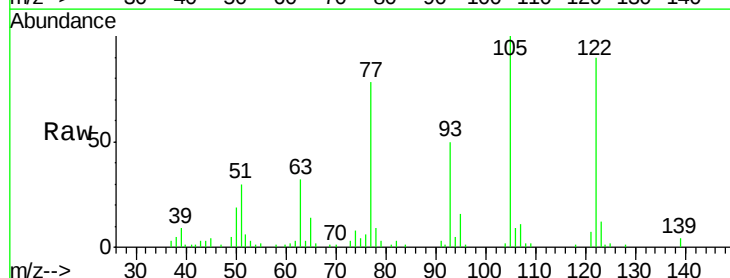
Tgt Ion:122 Resp: 110518

Ion Ratio Lower Upper

122 100

105 110.8 101.1 141.1

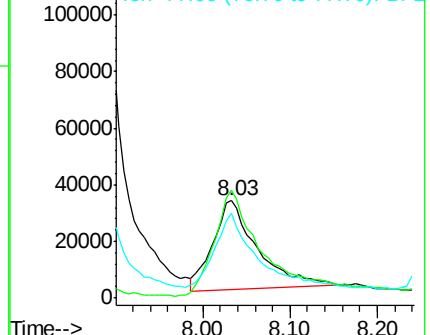
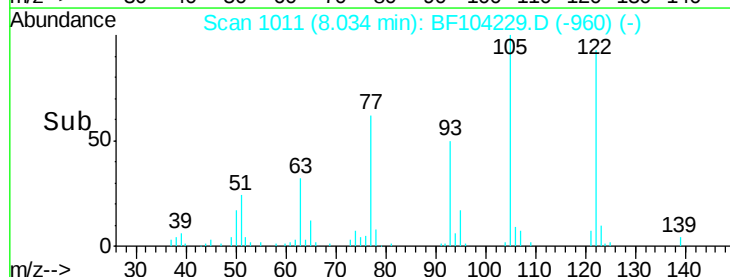
77 86.7 70.7 110.7

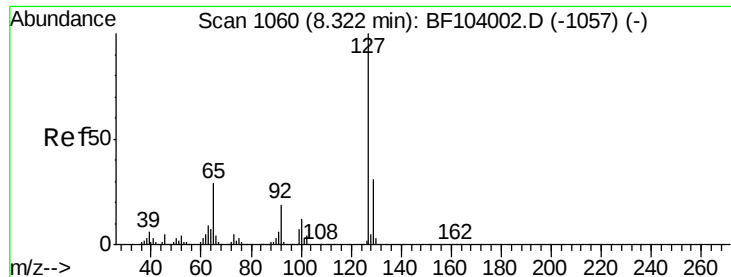


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

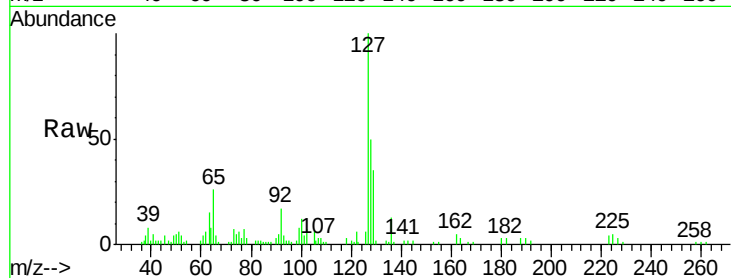




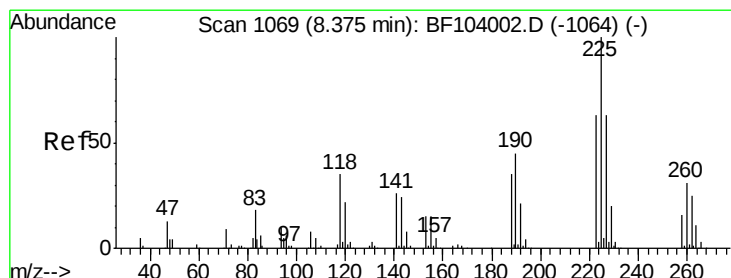
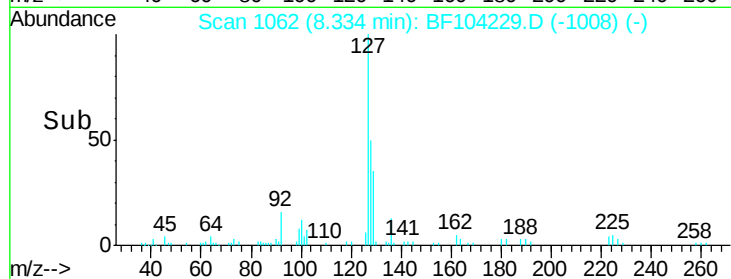
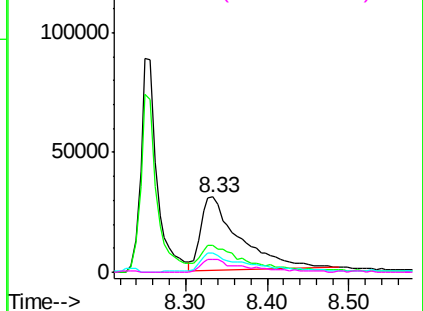
#33
4-Chloroaniline
Concen: 10.035 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.02 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	101830
Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.9	38.9
65	25.9	25.0	37.4
92	17.4	15.2	22.8

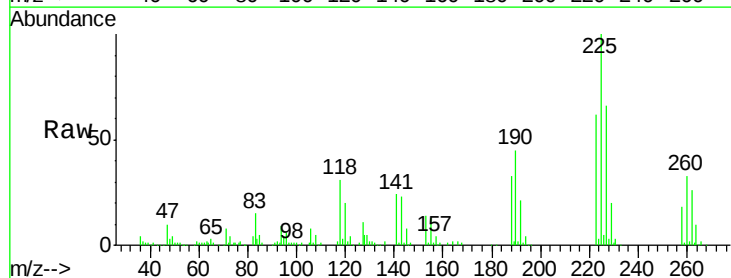


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

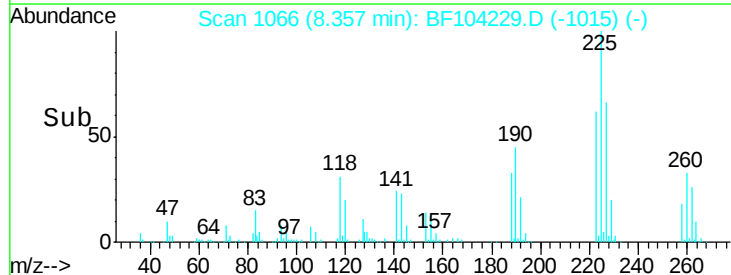
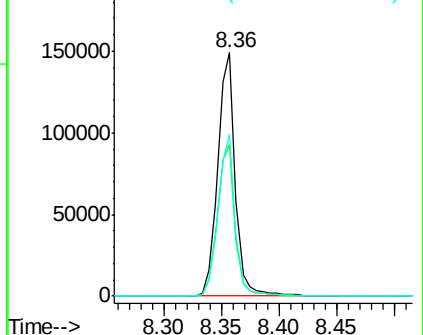


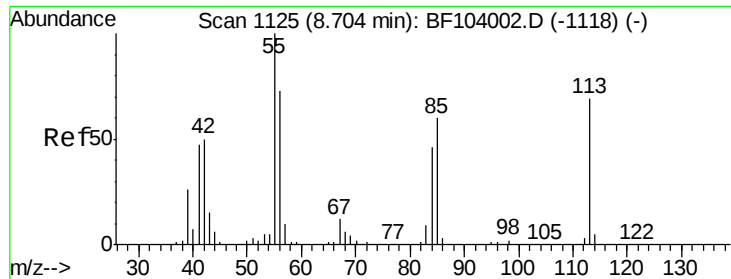
#34
Hexachlorobutadiene
Concen: 38.176 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:	225	Resp:	157108
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	66.2	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: 21.534 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

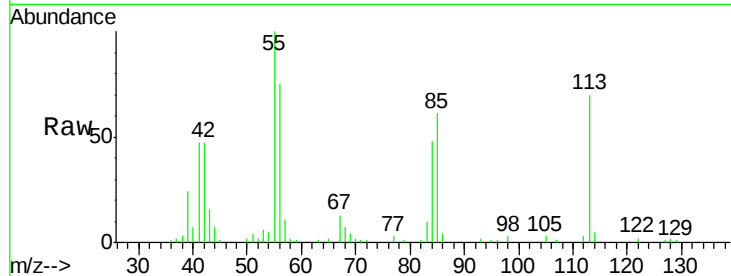
Tot Ion:113 Resp: 45511

Ion Ratio Lower Upper

113 100

55 142.2 163.3 203.3#

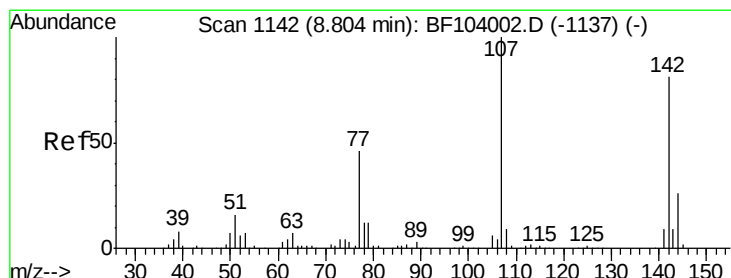
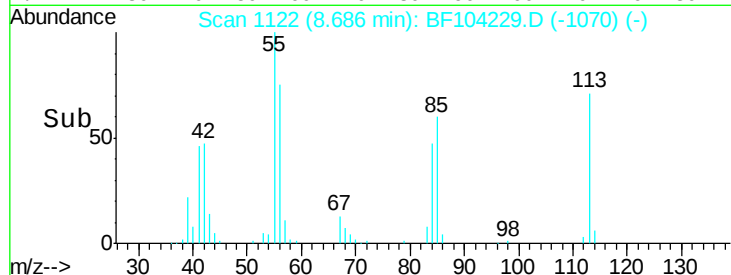
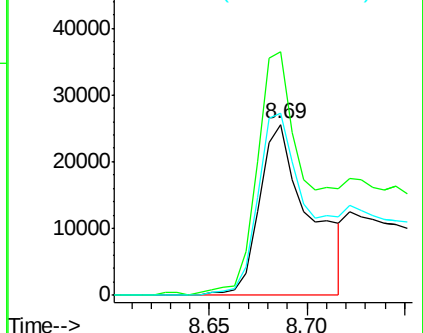
56 106.2 115.7 155.7#



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: 43.918 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

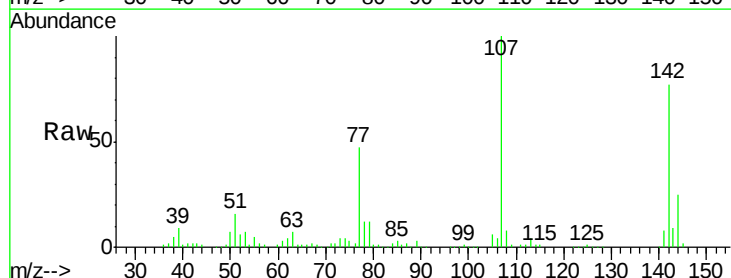
Tgt Ion:107 Resp: 309619

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

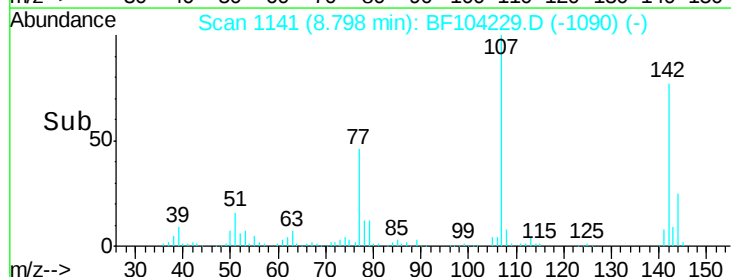
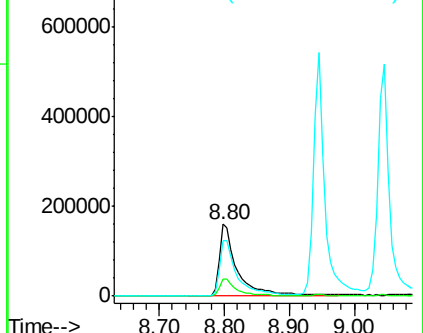
142 76.9 62.0 93.0

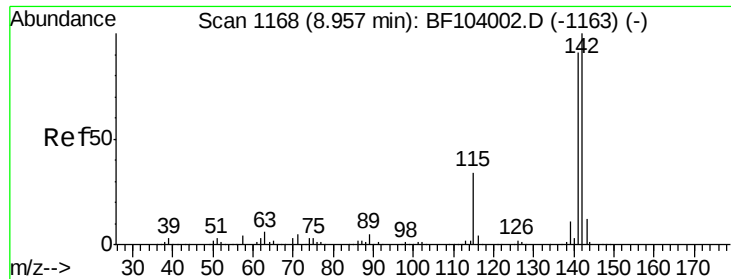


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

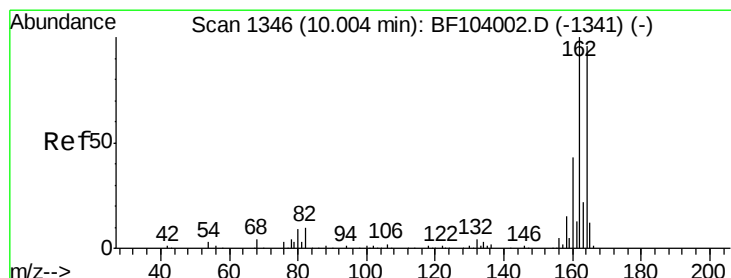
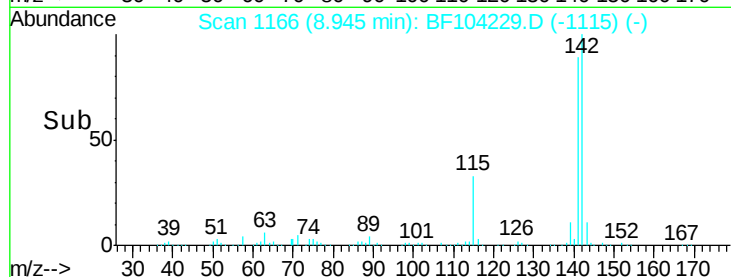
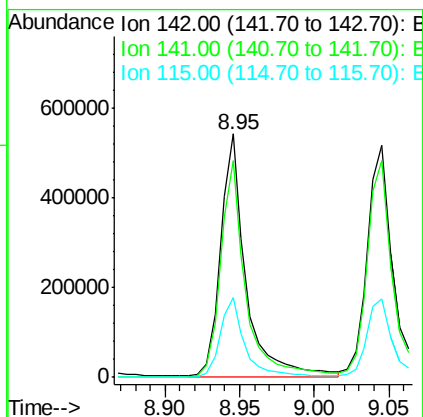
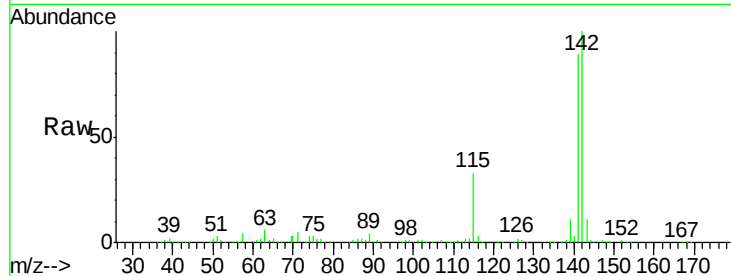




#37
2-Methylnaphthalene
Concen: 40.675 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

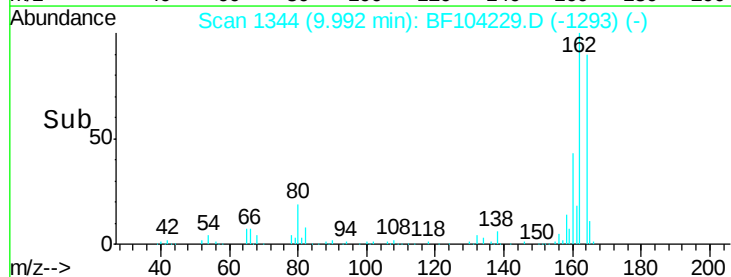
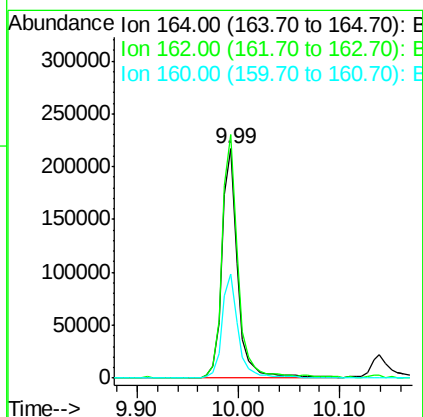
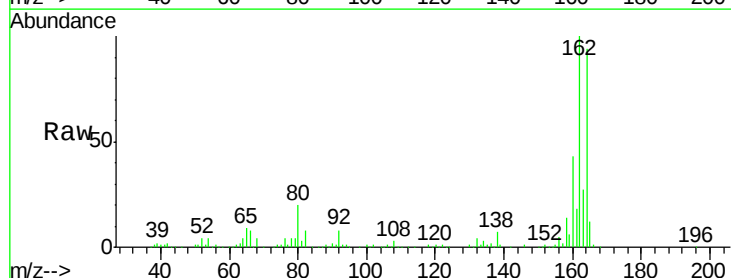
Instrument :
BNA_F
ClientSampleId :

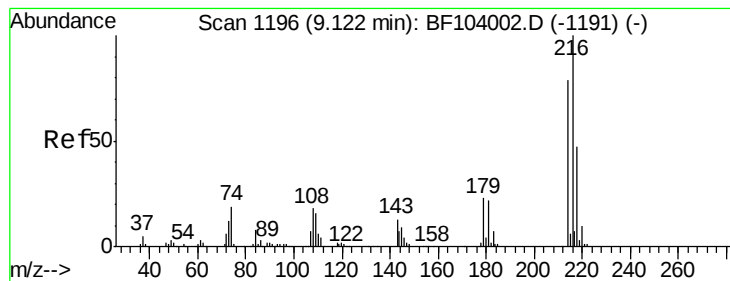
Tot Ion:142 Resp: 644883
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 32.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:164 Resp: 234227
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 45.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.013 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 294584

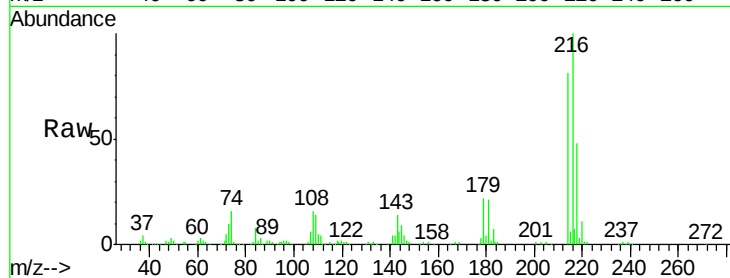
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 21.6 18.1 27.1

108 18.2 17.2 25.8

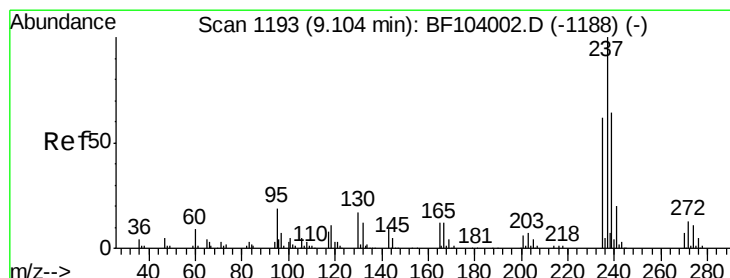
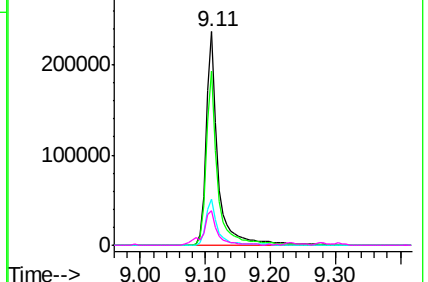
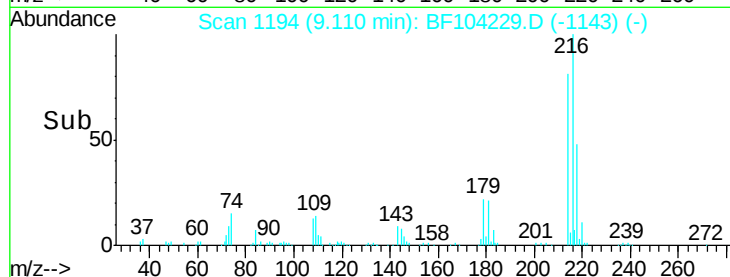


Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.825 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

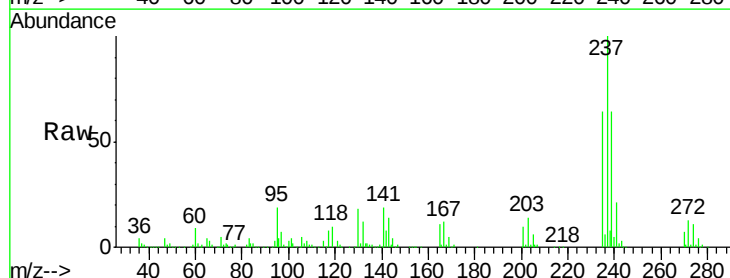
Tgt Ion:237 Resp: 204588

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

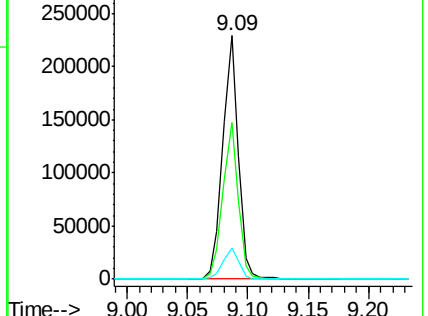
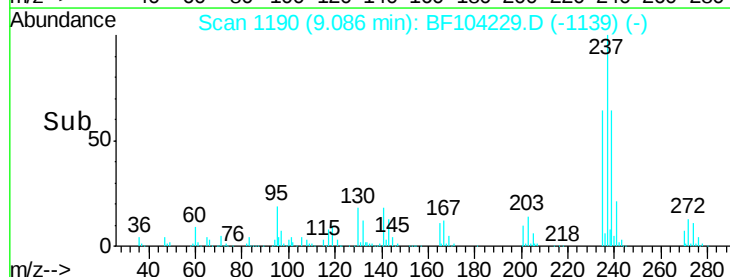
272 12.9 0.0 33.3

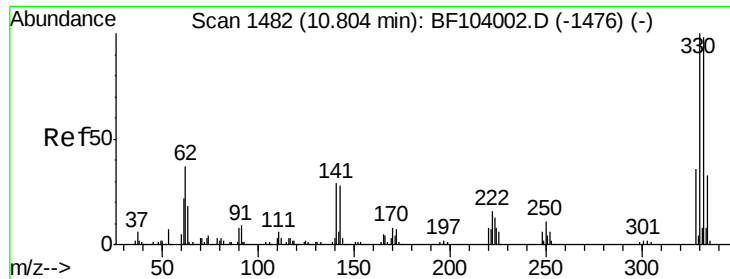


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

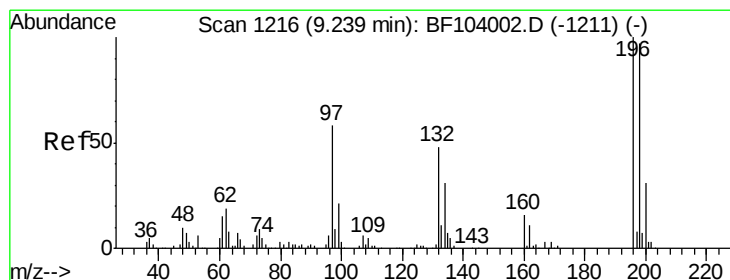
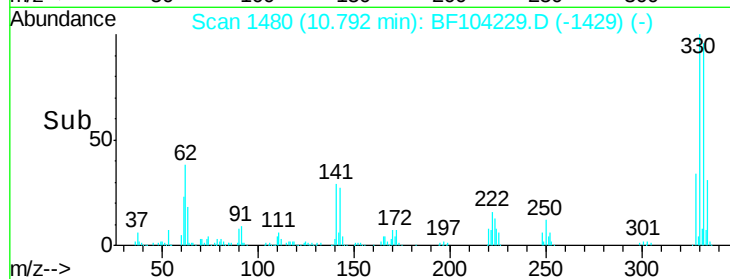
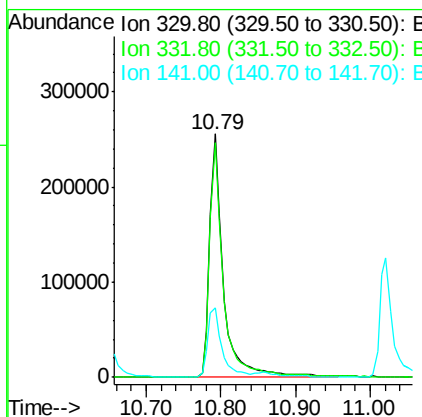
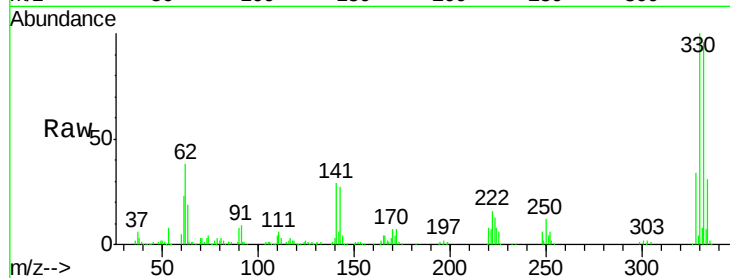




#41
 2,4,6-Tribromophenol
 Concen: 128.114 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

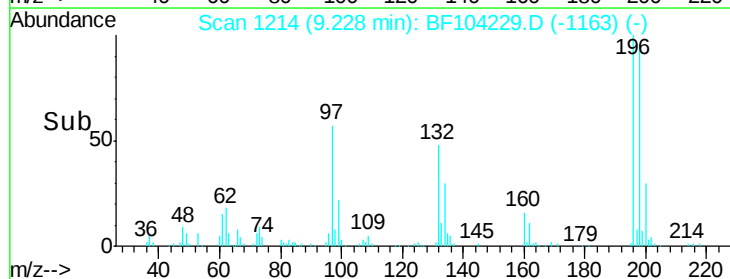
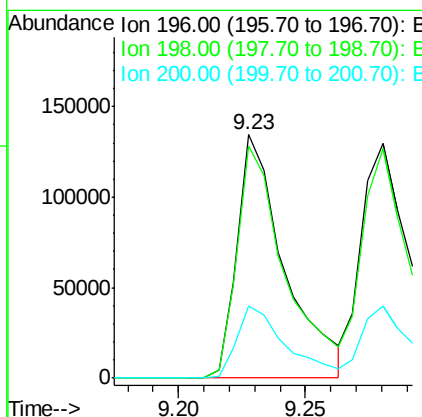
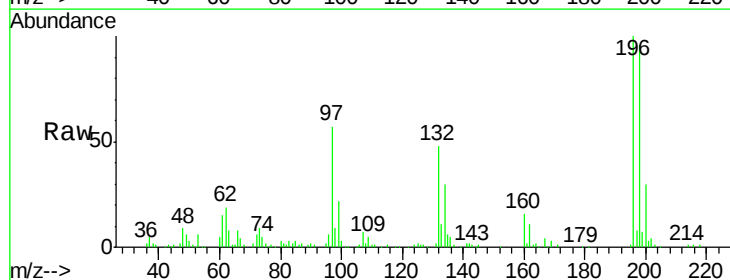
Instrument :
 BNA_F
 ClientSampleId :

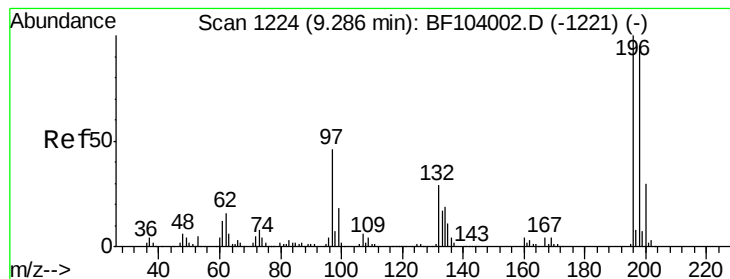
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	28.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.444 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	29.7	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 37.736 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 207227

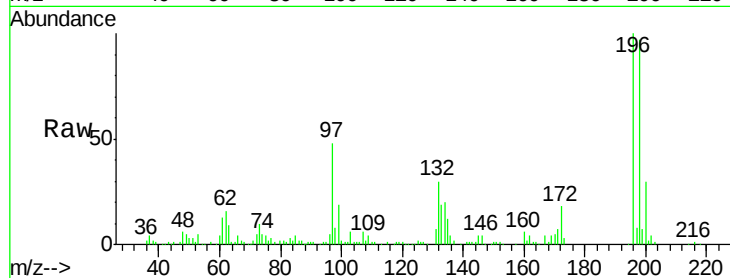
Ion Ratio Lower Upper

196 100

198 97.3 74.6 112.0

97 48.2 42.9 64.3

132 30.2 26.3 39.5

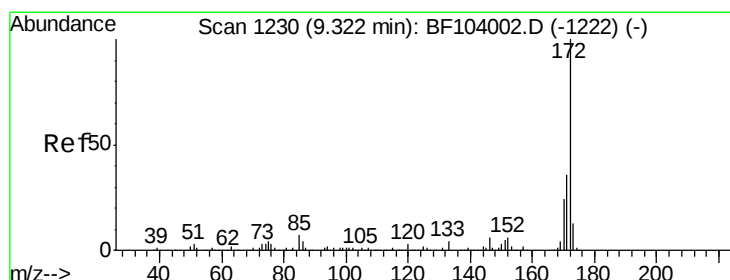
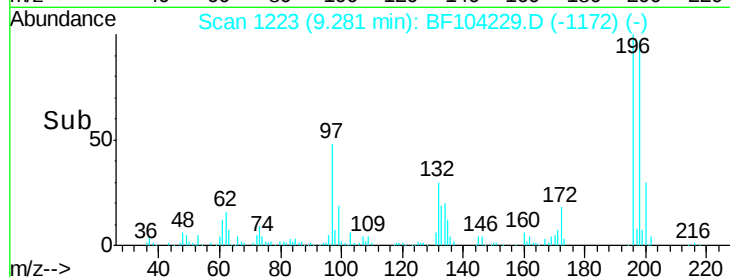
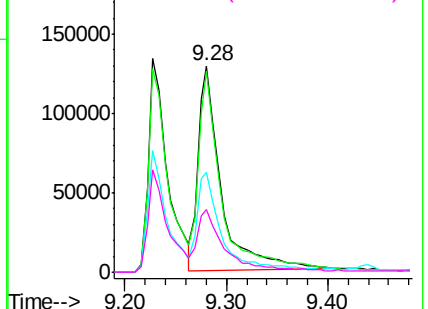


Abundance Ion 196.00 (195.70 to 196.70): E

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: 91.212 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

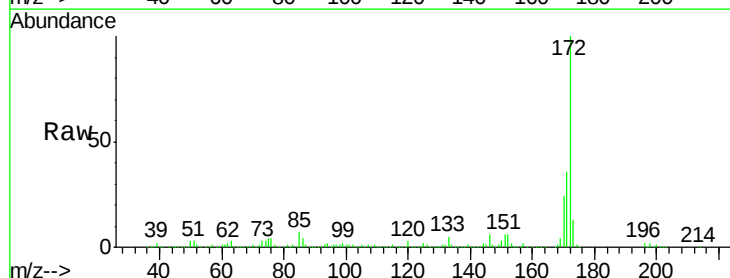
Tgt Ion:172 Resp: 1354818

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

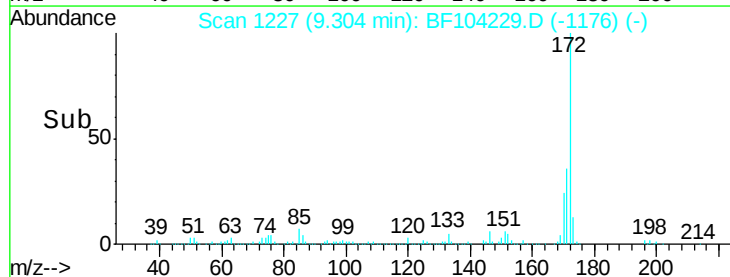
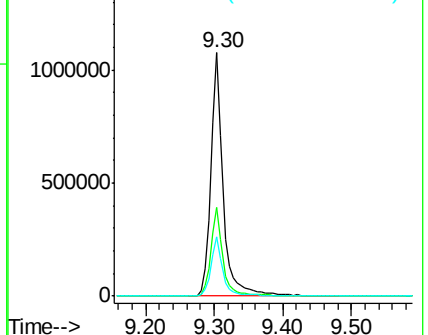
170 24.2 19.6 29.4

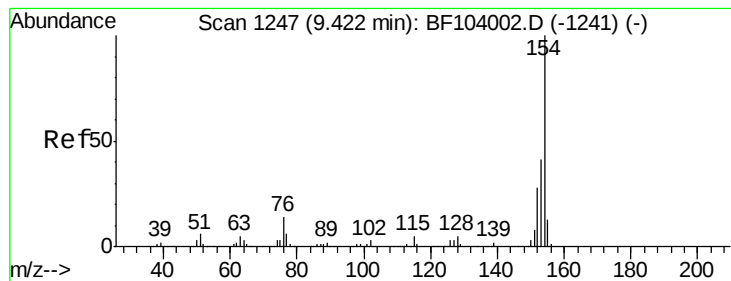


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.272 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

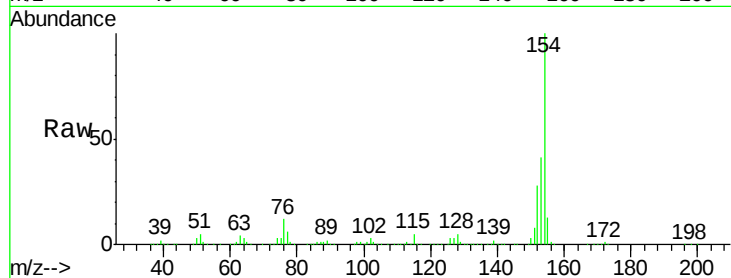
Tot Ion:154 Resp: 809596

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

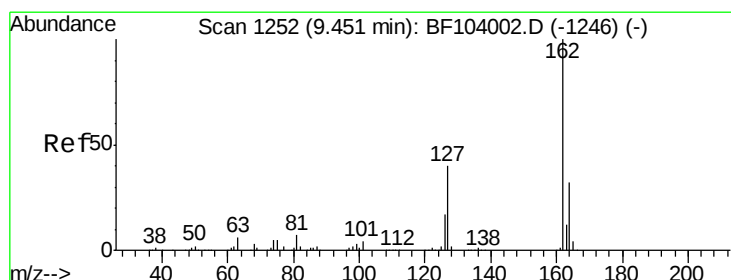
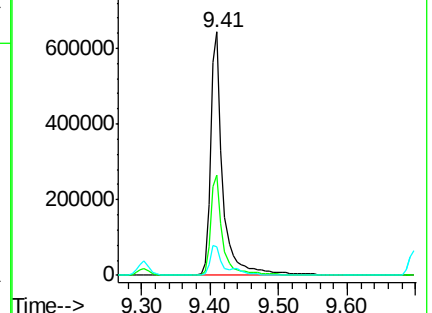
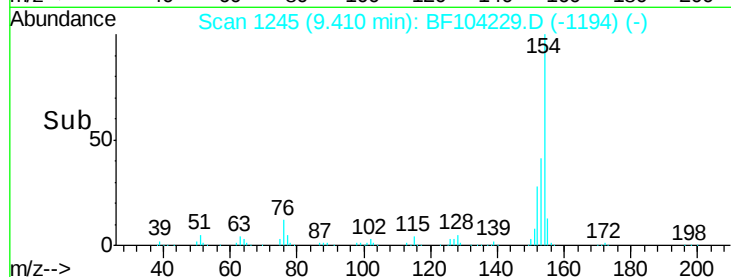
76 11.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.471 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

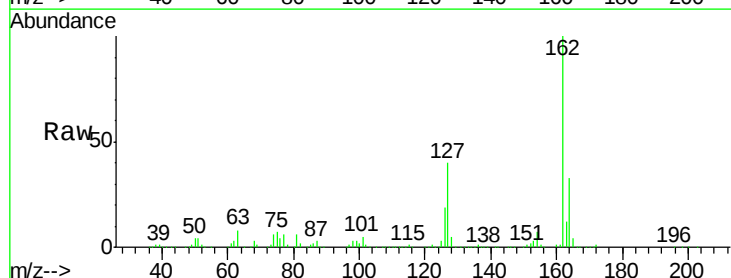
Tgt Ion:162 Resp: 641773

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

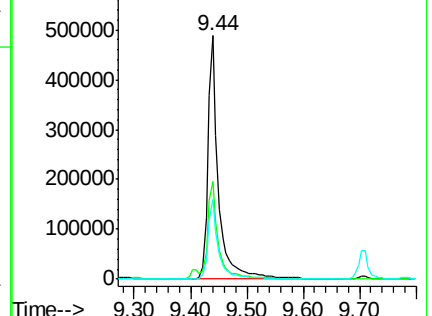
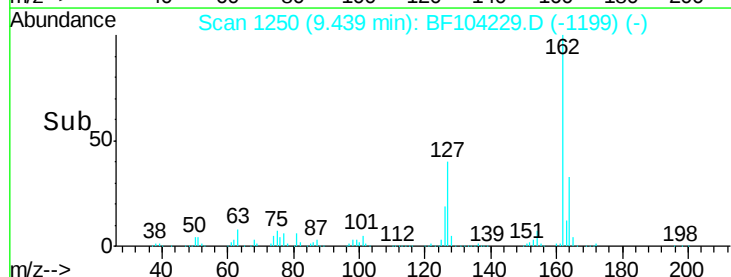
164 32.6 26.5 39.7

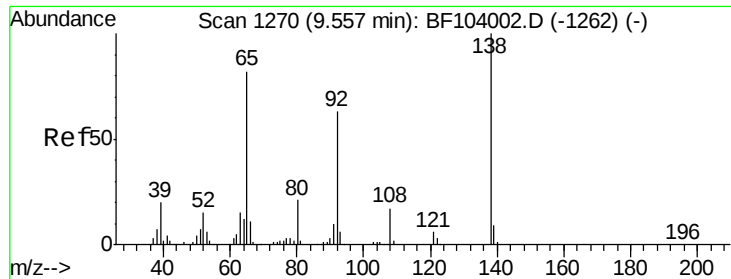


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

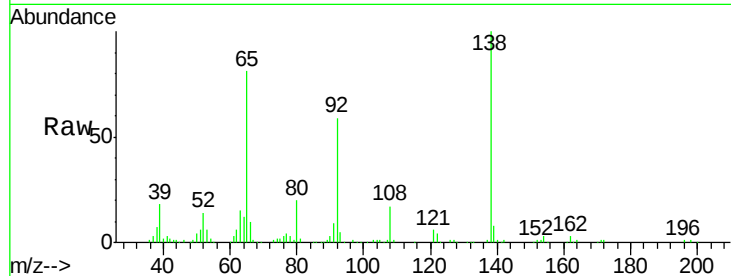




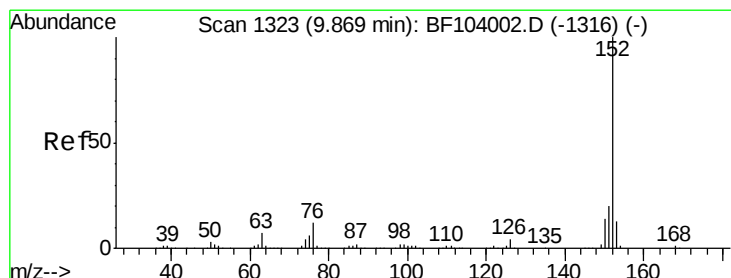
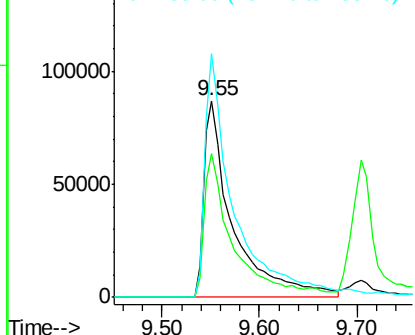
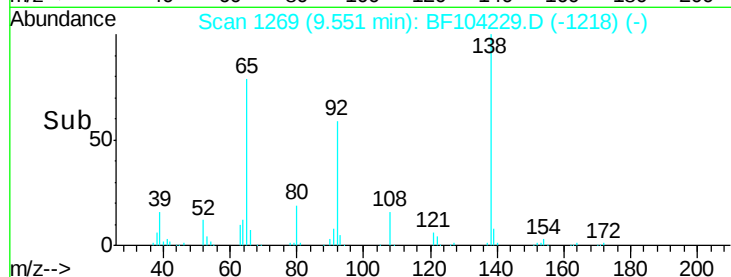
#47
2-Nitroaniline
Concen: 39.640 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 179242
Ion Ratio Lower Upper
65 100
92 73.3 55.8 83.6
138 124.0 91.2 136.8

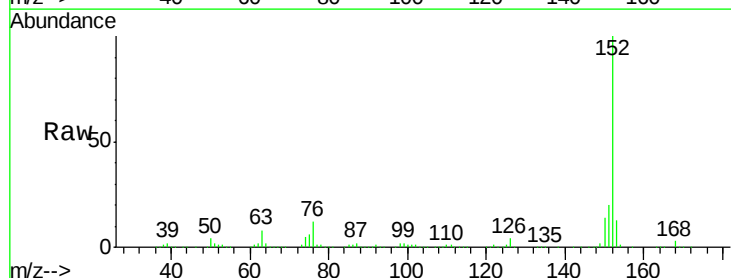


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

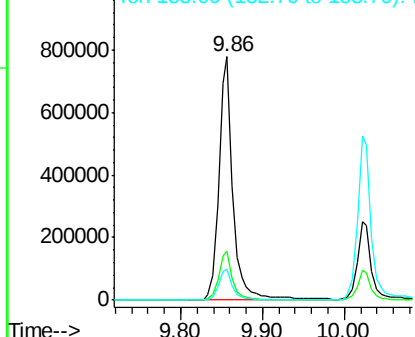
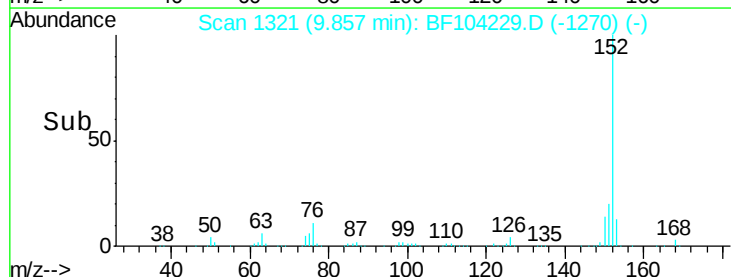


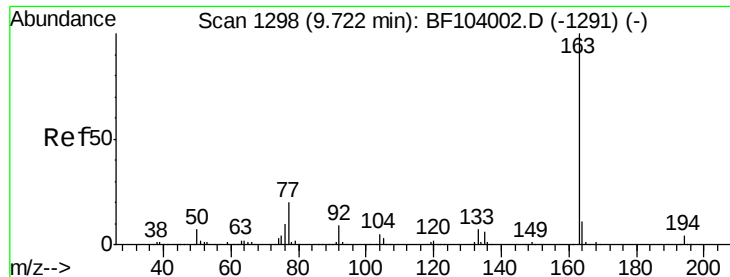
#48
Acenaphthylene
Concen: 38.872 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion: 152 Resp: 933853
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

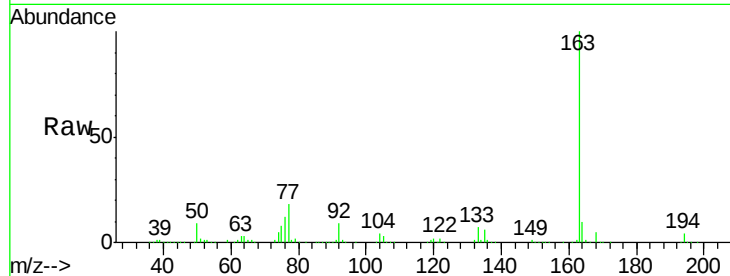




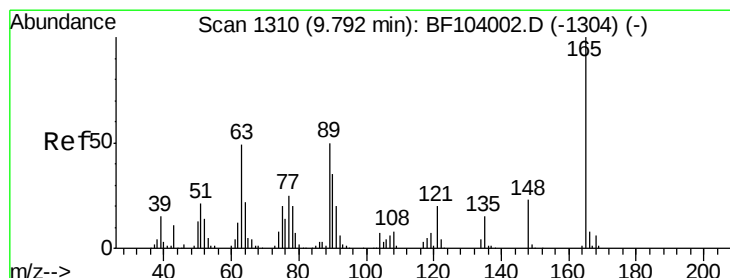
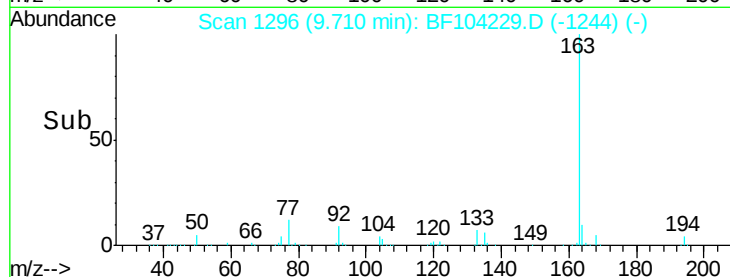
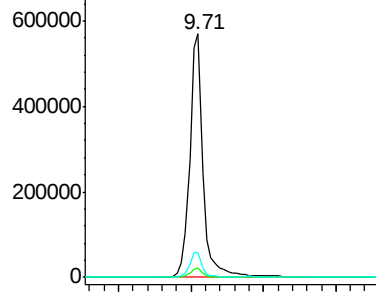
#49
 Dimethylphthalate
 Concen: 39.535 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

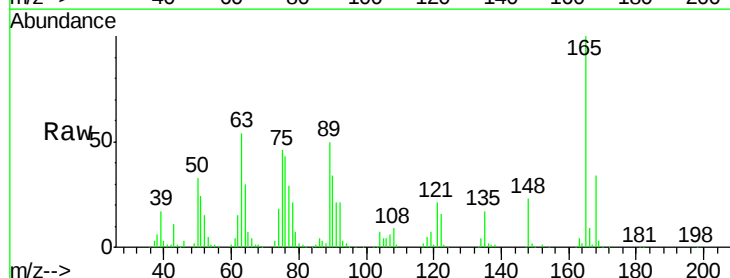


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

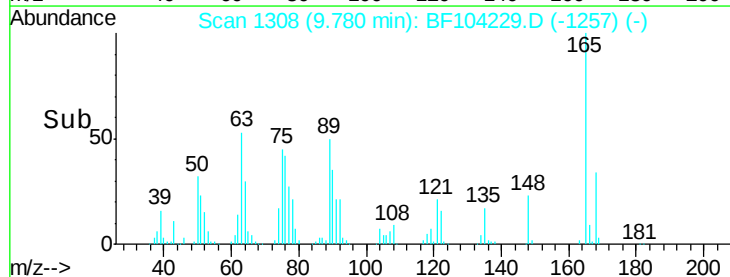
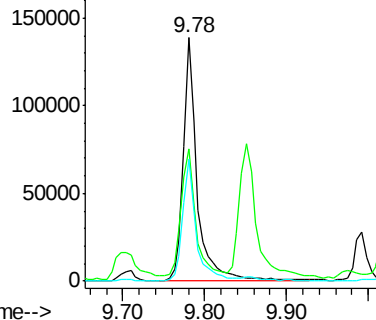


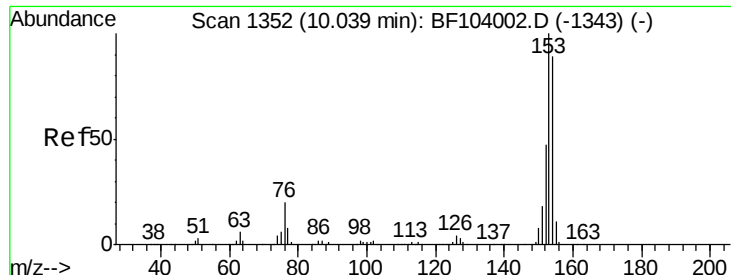
#50
 2,6-Dinitrotoluene
 Concen: 41.573 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	44.7	67.1
89	50.3	44.0	66.0



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





#51

Acenaphthene

Concen: 38.553 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

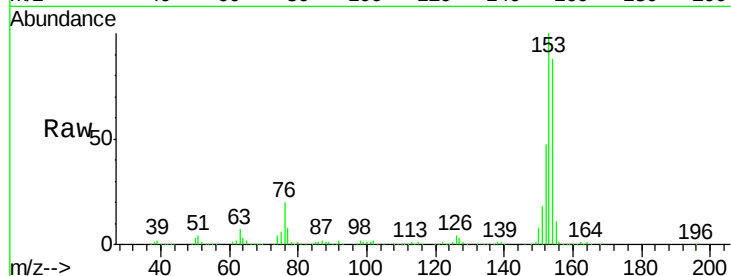
Tot Ion:154 Resp: 535787

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

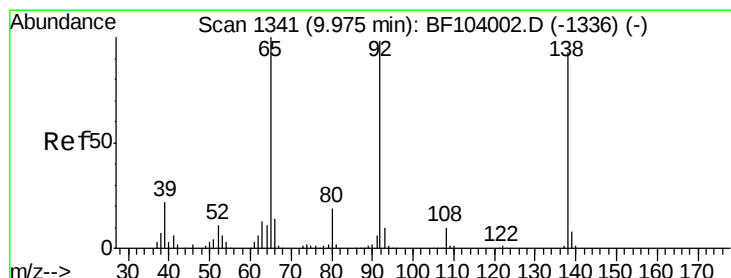
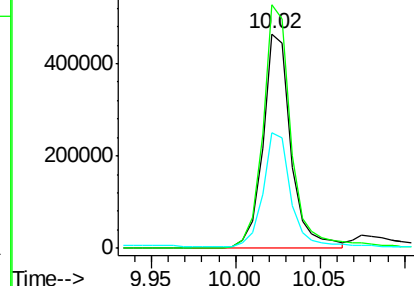
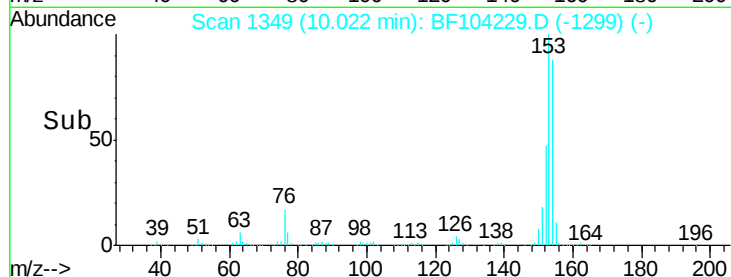
152 53.7 43.8 65.8



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: 19.079 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

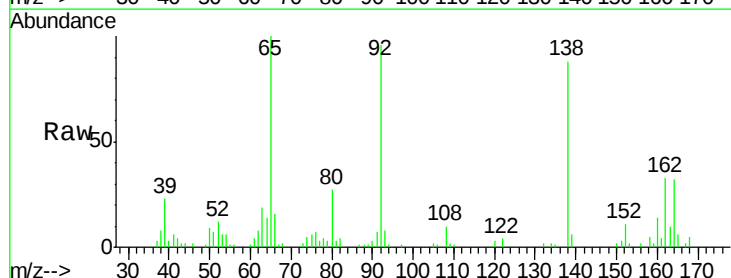
Tgt Ion:138 Resp: 87260

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

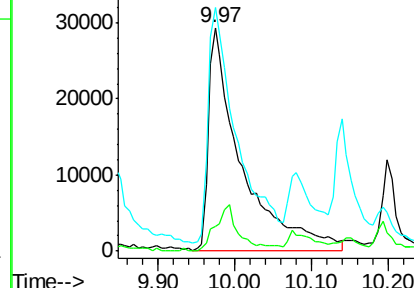
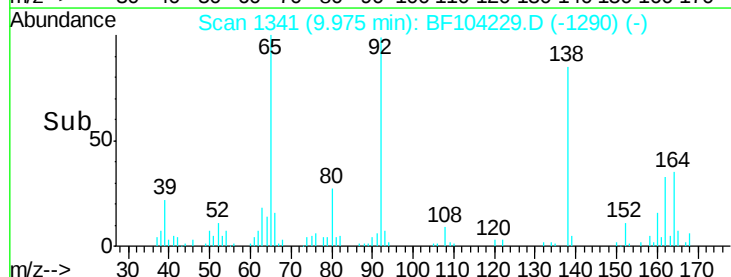
92 108.8 89.4 134.2

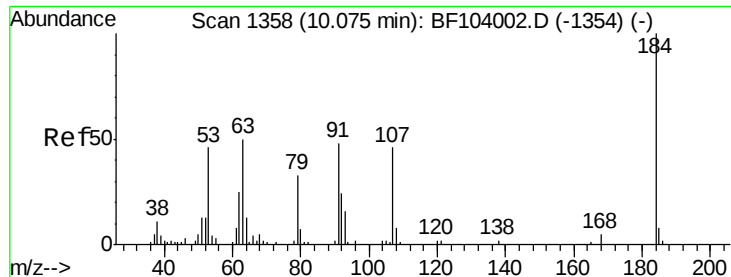


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

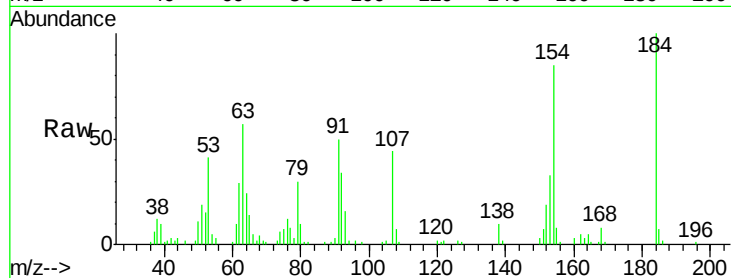




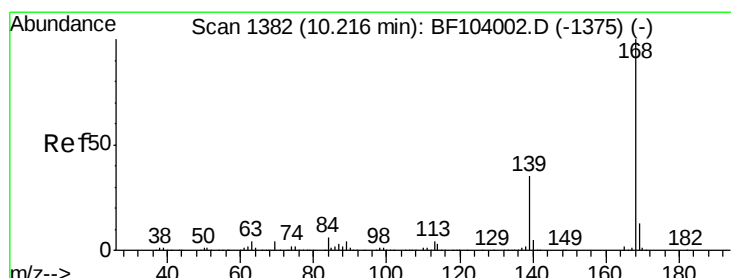
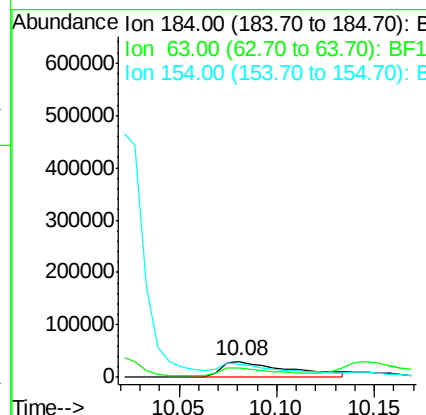
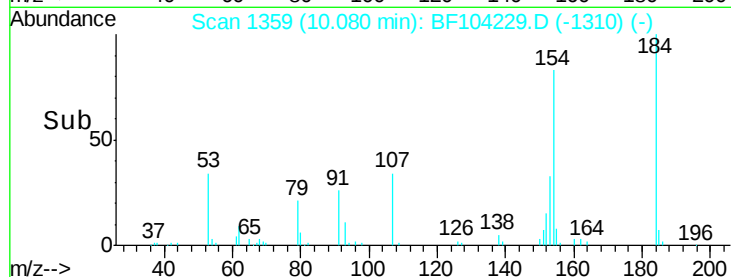
#53
 2,4-Dinitrophenol
 Concen: 44.484 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 72646
 Ion Ratio Lower Upper
 184 100
 63 57.3 54.2 81.2
 154 84.8 184.0 276.0#

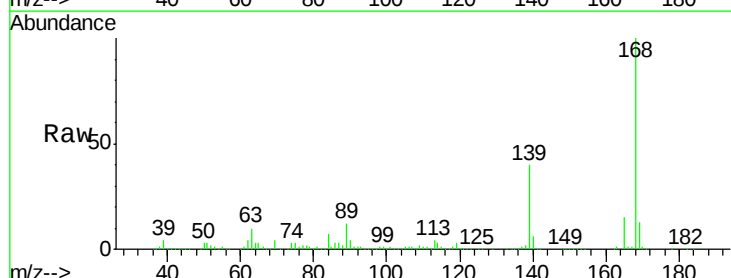


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

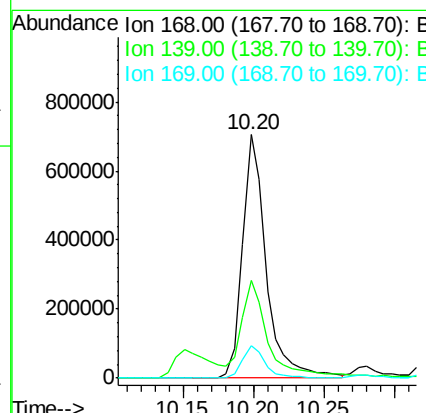
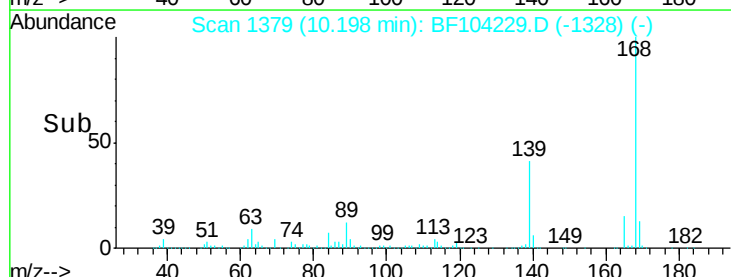


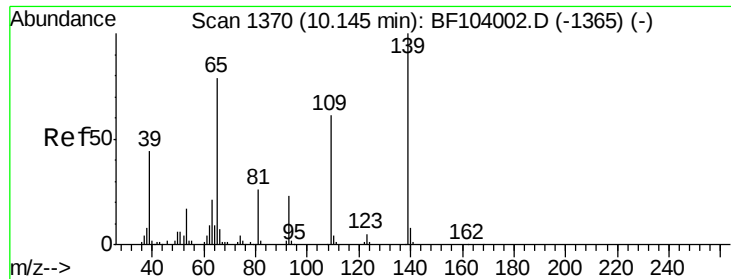
#54
 Dibenzofuran
 Concen: 40.626 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:168 Resp: 824486
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 53.359 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

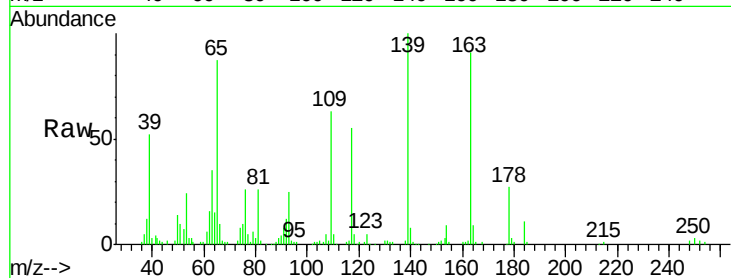
Tot Ion:139 Resp: 146326

Ion Ratio Lower Upper

139 100

109 62.6 48.4 88.4

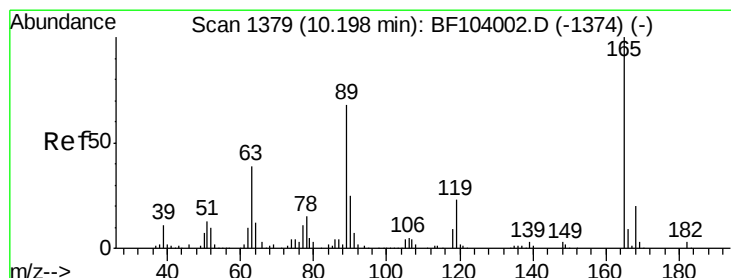
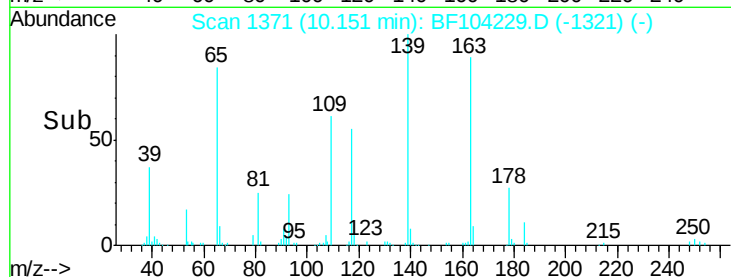
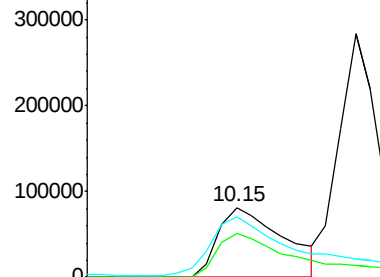
65 86.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 40.424 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:165 Resp: 205224

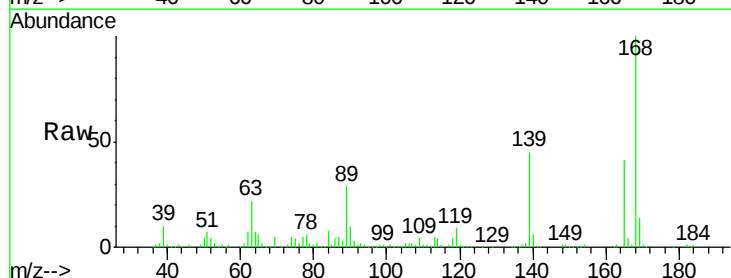
Ion Ratio Lower Upper

165 100

63 52.7 36.4 54.6

89 71.8 57.8 86.6

182 2.5 1.6 2.4#

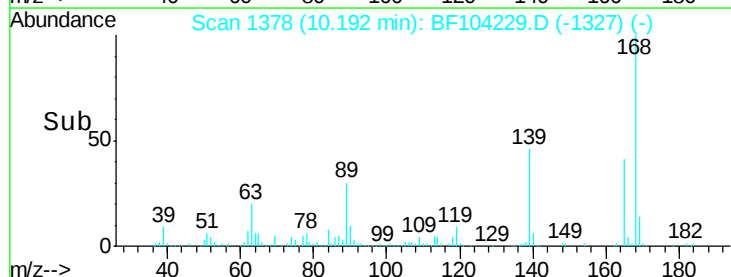
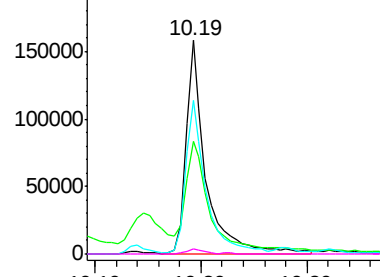


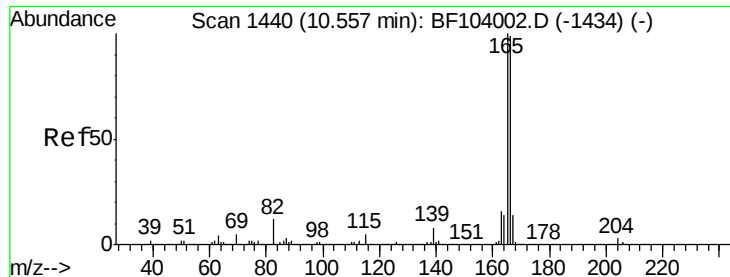
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

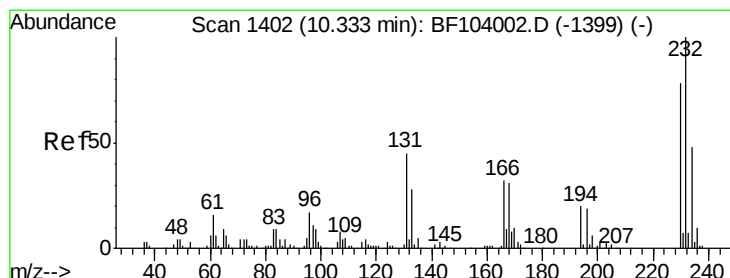
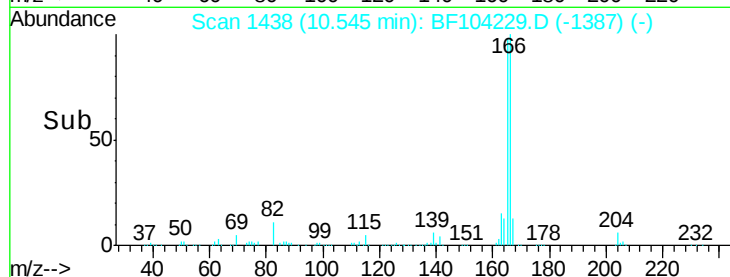
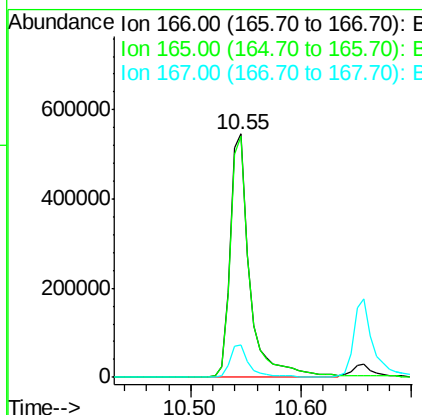
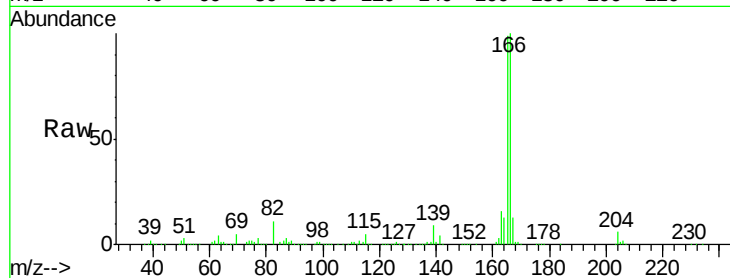




#57
 Fluorene
 Concen: 40.508 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

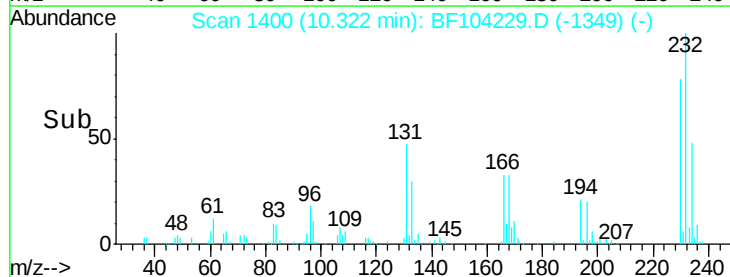
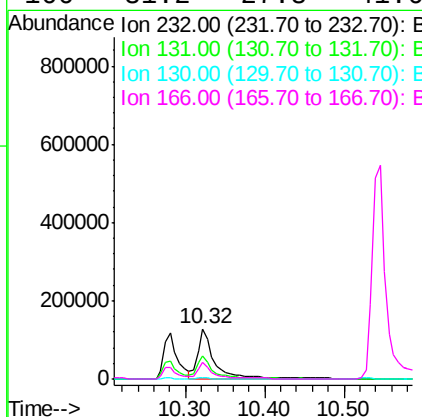
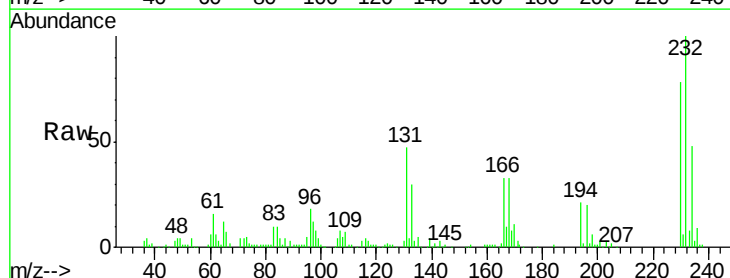
Instrument :
 BNA_F
 ClientSampleId :

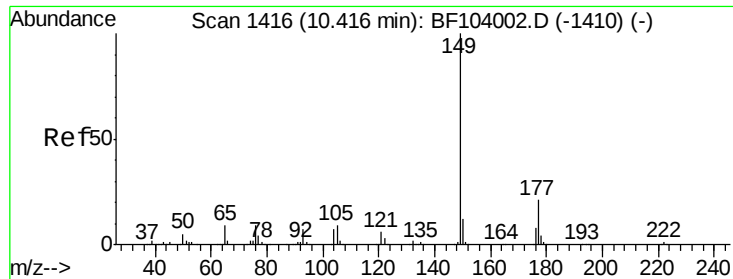
Tot Ion:166 Resp: 678132
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.703 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:232 Resp: 188037
 Ion Ratio Lower Upper
 232 100
 131 39.8 43.8 65.8#
 130 2.0 2.1 3.1#
 166 31.2 27.8 41.6

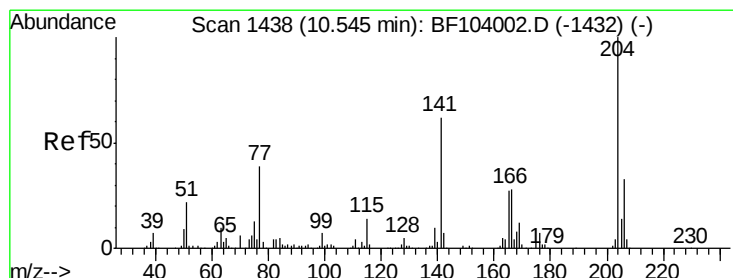
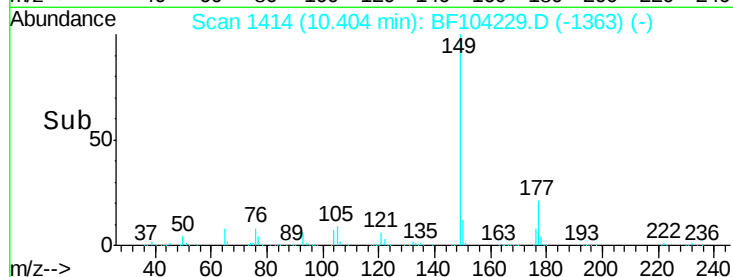
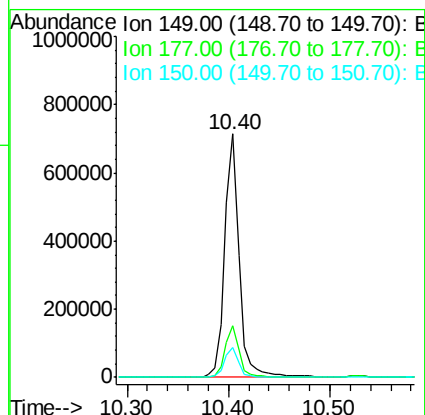
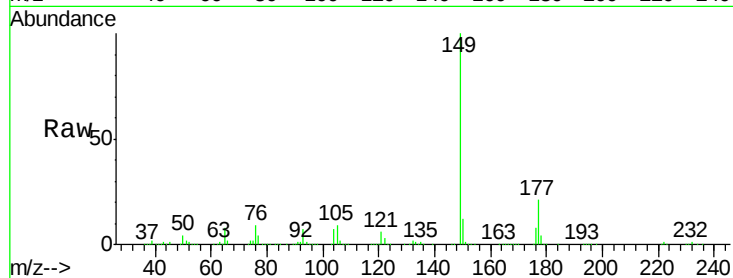




#59
Diethylphthalate
Concen: 40.152 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

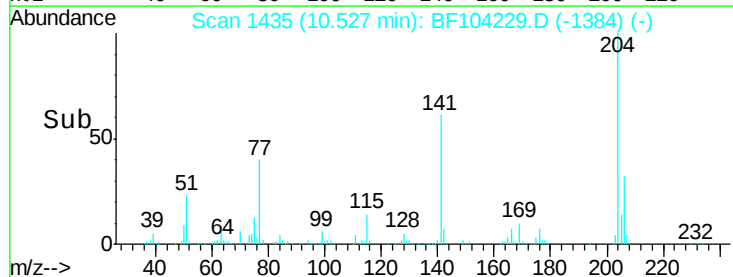
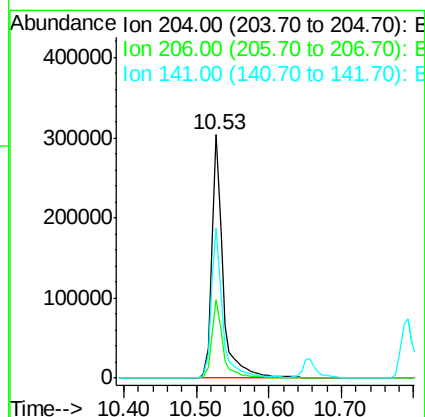
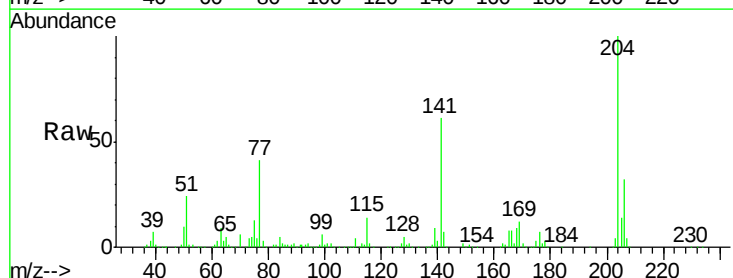
Instrument :
BNA_F
ClientSampled :

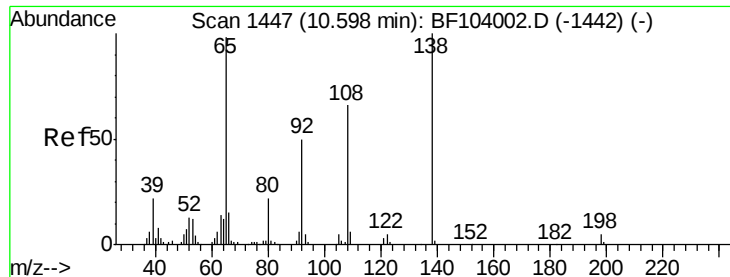
Tot Ion:149 Resp: 711335
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.244 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:204 Resp: 324810
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 61.5 54.6 81.8

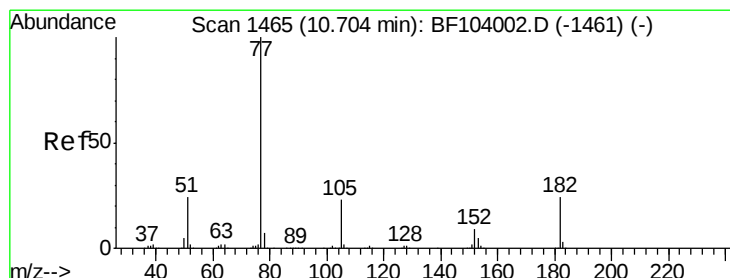
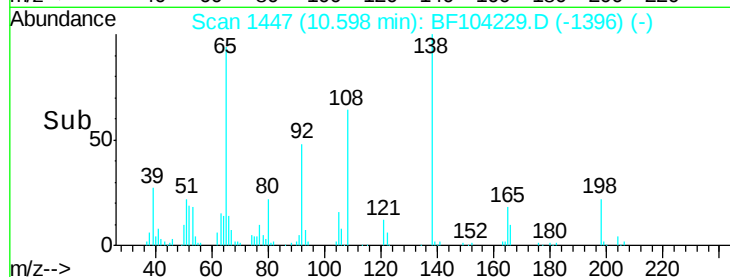
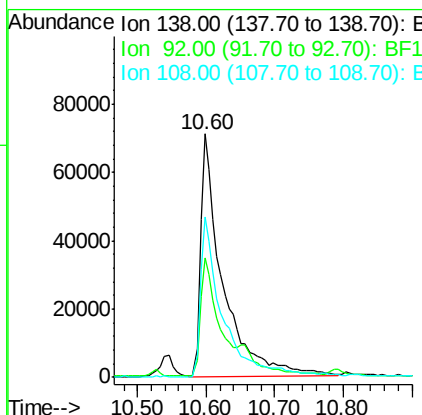
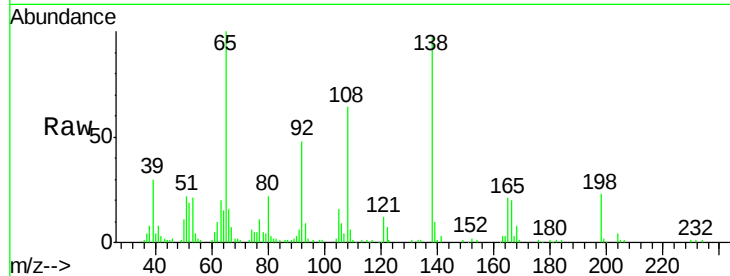




#61
4-Nitroaniline
Concen: 37.466 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

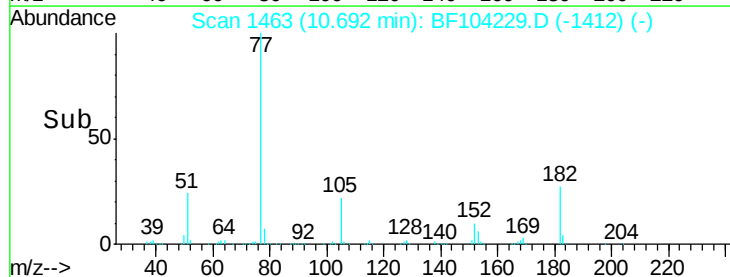
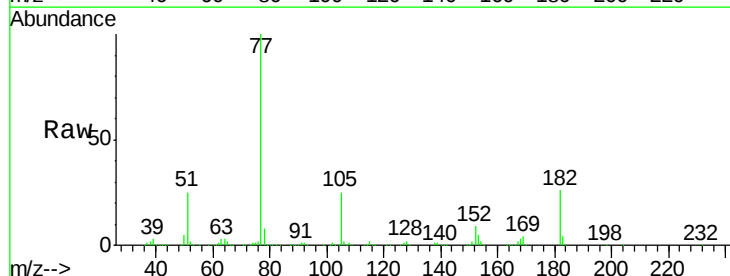
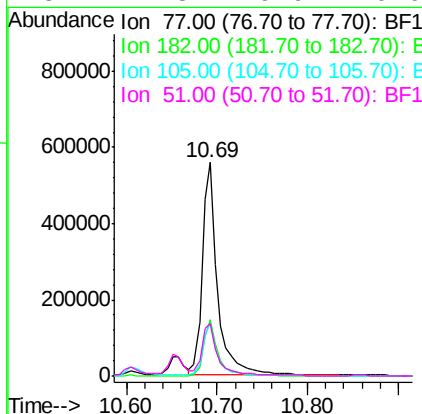
Instrument :
BNA_F
ClientSampleId :

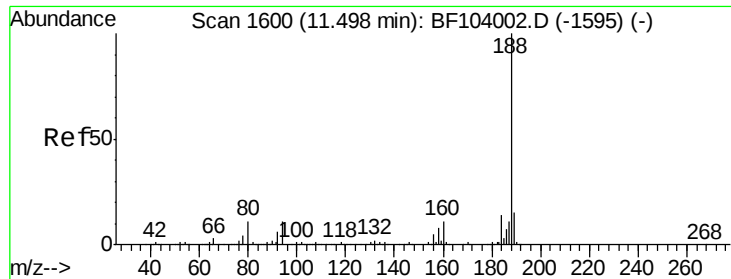
Tot Ion:138 Resp: 160335
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 65.9 52.5 92.5



#62
Azobenzene
Concen: 40.919 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion: 77 Resp: 655497
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 24.7 3.0 43.0
51 24.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

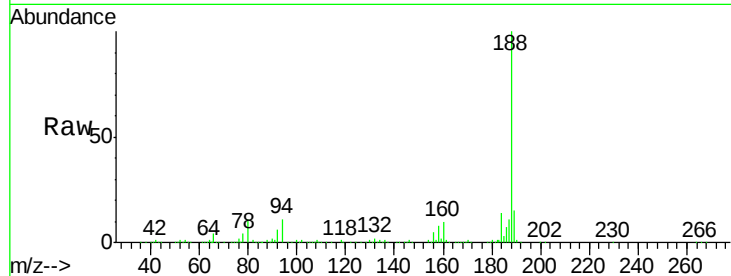
Tot Ion:188 Resp: 442815

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.49

400000

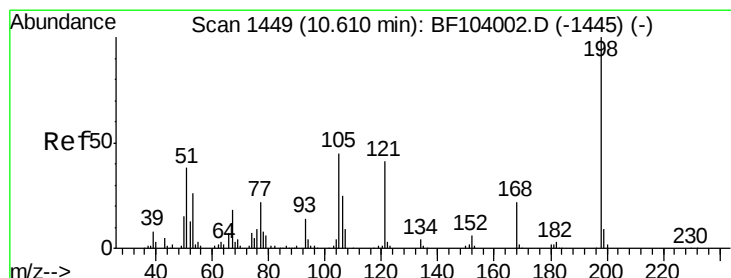
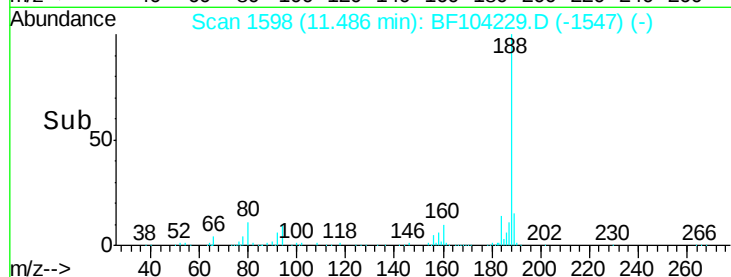
300000

200000

100000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 30.685 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

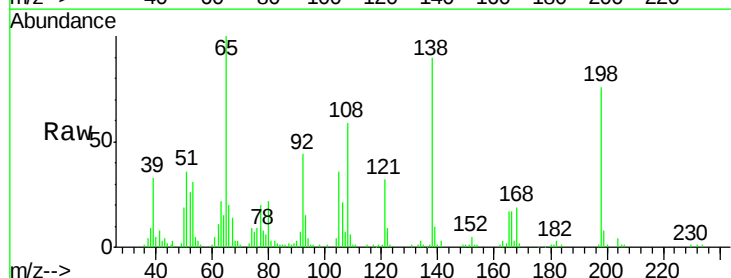
Tgt Ion:198 Resp: 82250

Ion Ratio Lower Upper

198 100

51 47.5 37.7 77.7

105 47.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

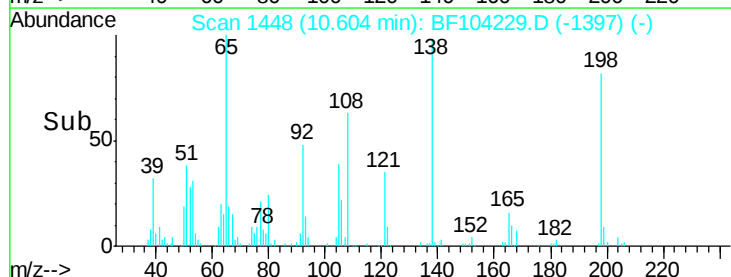
150000

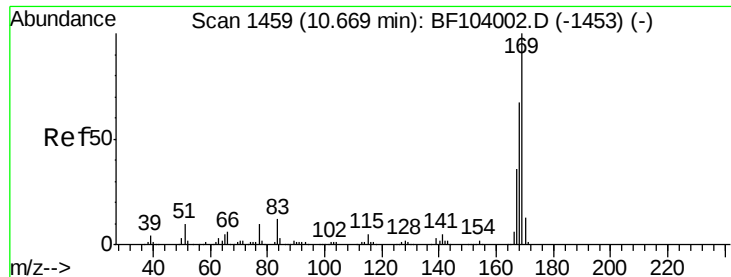
100000

50000

0

Time-->

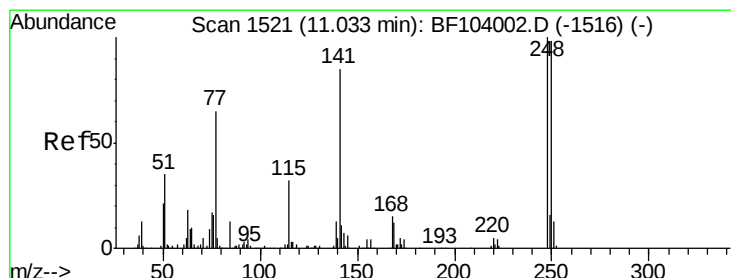
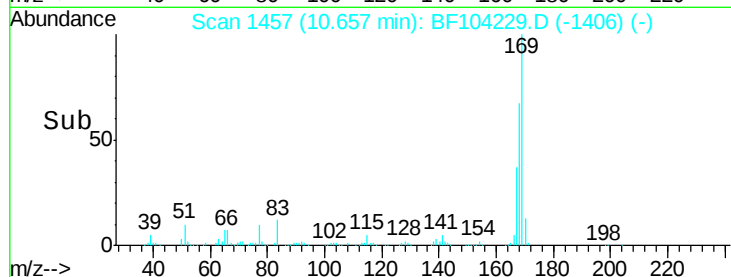
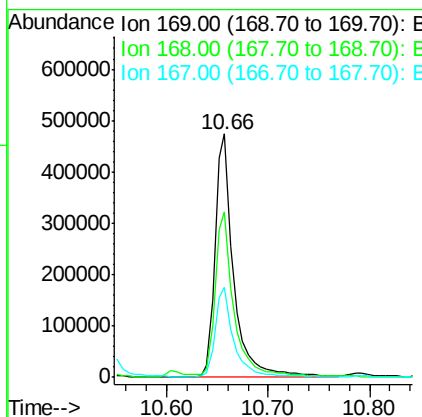
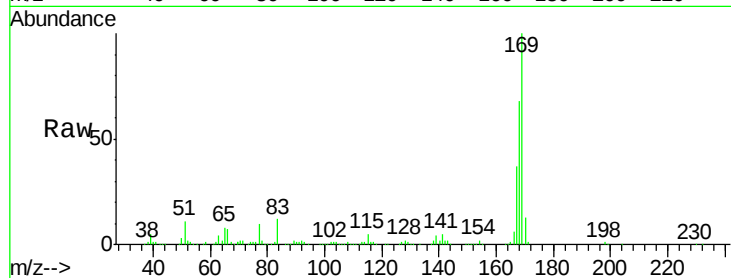




#65
n-Nitrosodiphenylamine
Concen: 40.024 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

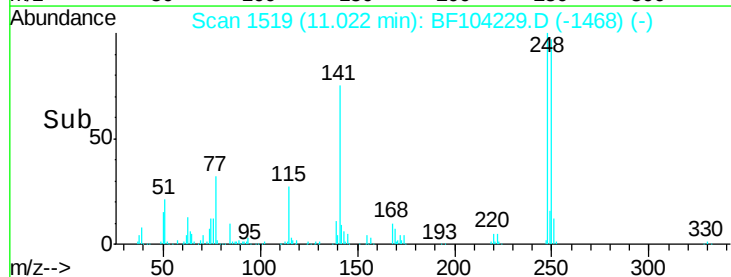
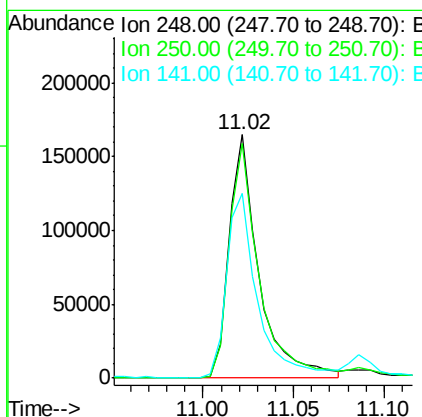
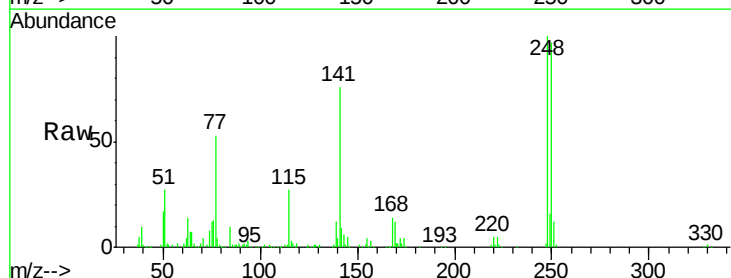
Instrument :
BNA_F
ClientSampleId :

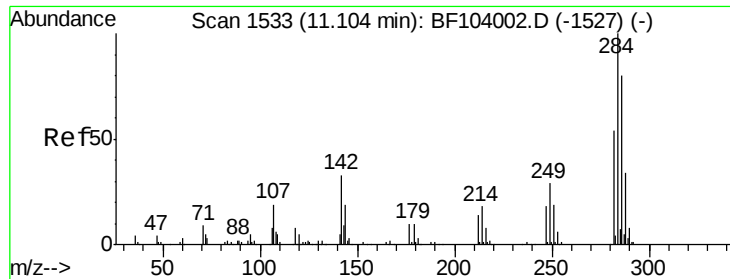
Tot Ion:169 Resp: 600221
Ion Ratio Lower Upper
169 100
168 67.7 54.4 81.6
167 37.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.984 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:248 Resp: 189425
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 76.0 74.4 111.6

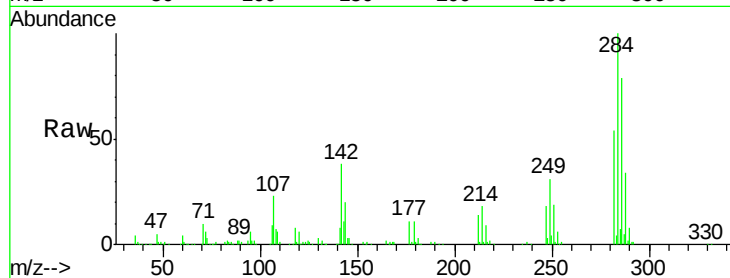




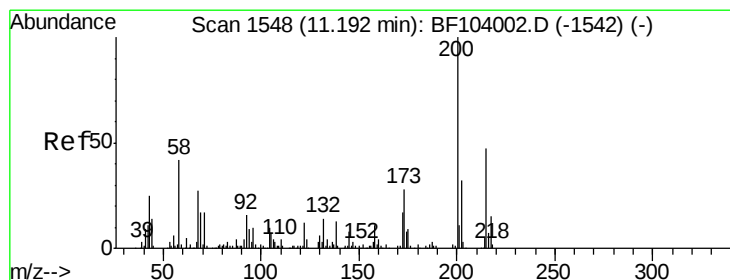
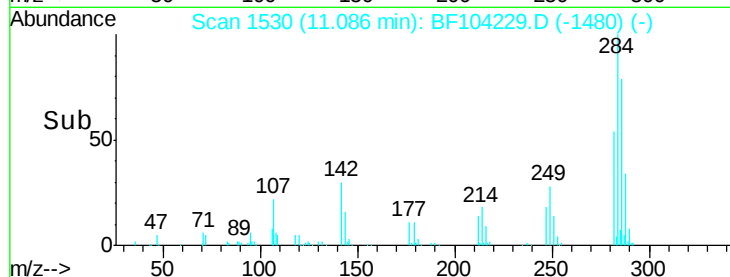
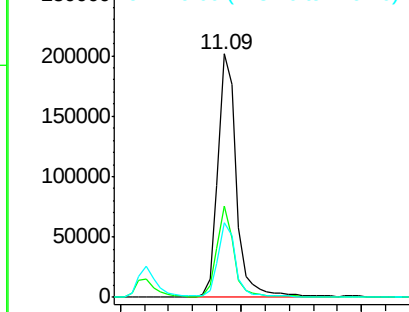
#67
Hexachlorobenzene
Concen: 39.278 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 214048
Ion Ratio Lower Upper
284 100
142 37.6 34.6 52.0
249 30.8 24.8 37.2

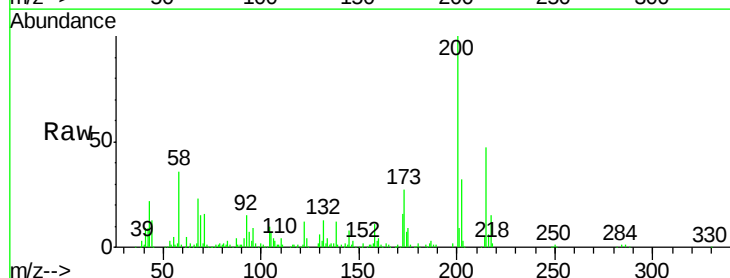


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

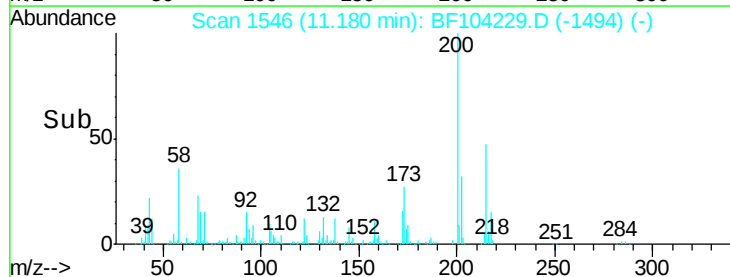
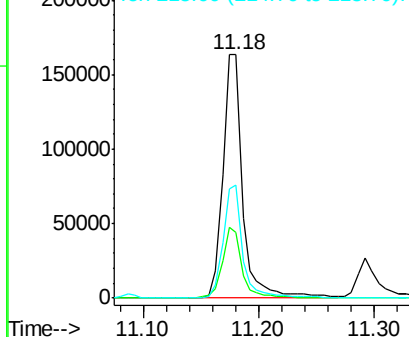


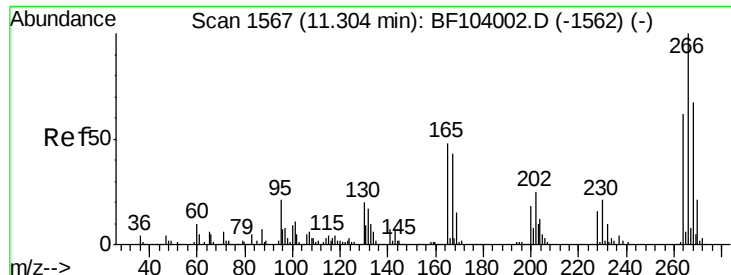
#68
Atrazine
Concen: 42.324 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:200 Resp: 194453
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 46.6 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

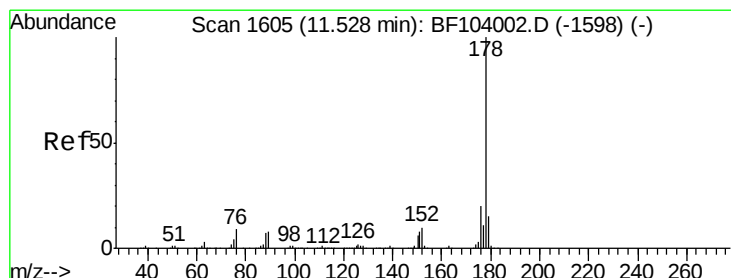
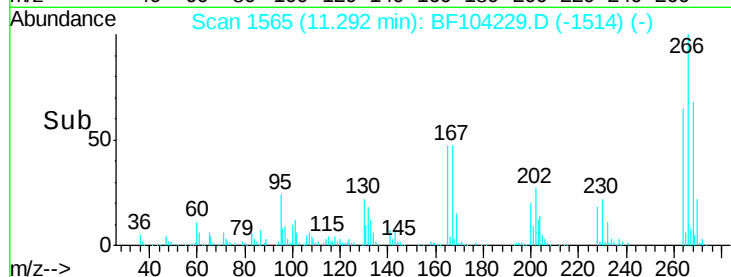
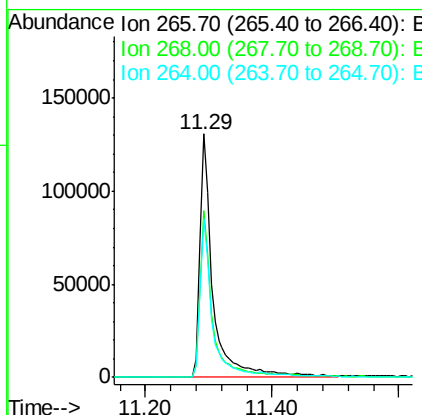
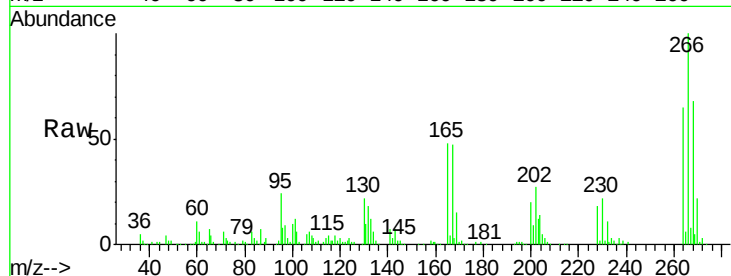




#69
 Pentachlorophenol
 Concen: 62.471 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

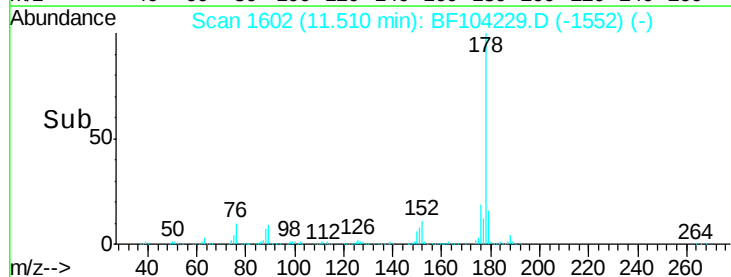
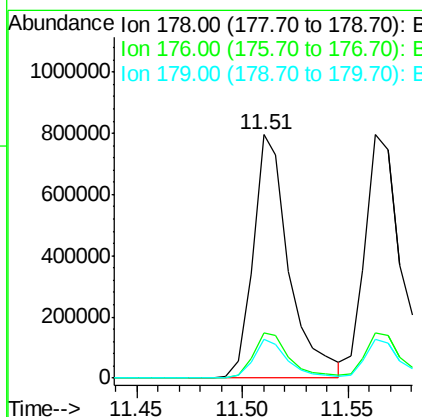
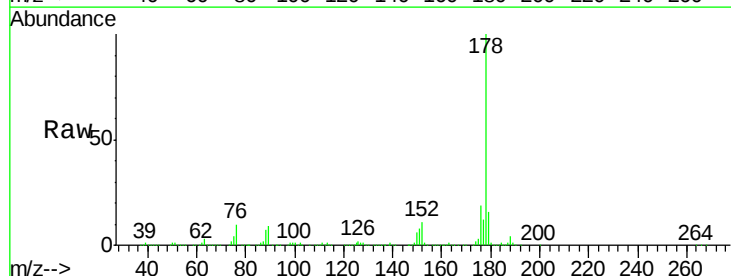
Instrument :
 BNA_F
 ClientSampleId :

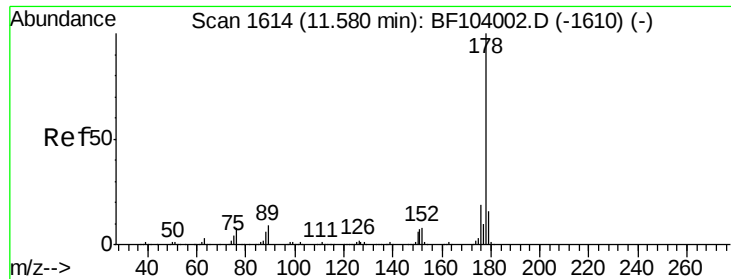
Tot Ion:266 Resp: 187335
 Ion Ratio Lower Upper
 266 100
 268 68.4 51.1 76.7
 264 65.1 49.5 74.3



#70
 Phenanthrene
 Concen: 39.248 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:178 Resp: 940953
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 13.0 19.6

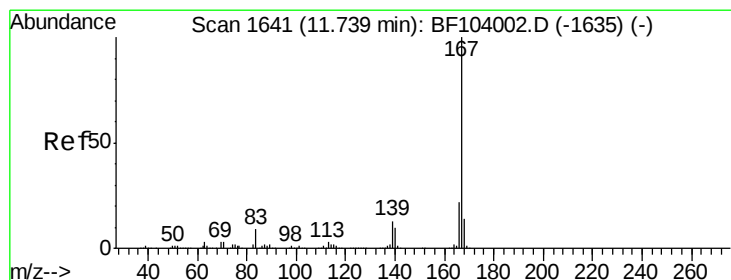
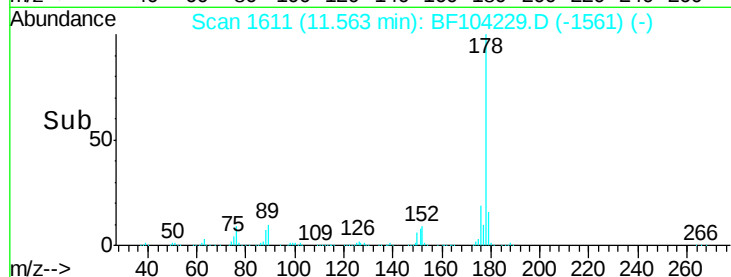
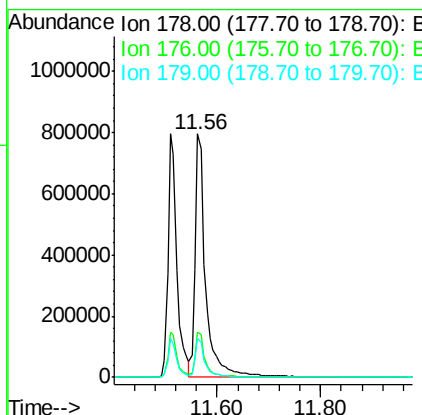
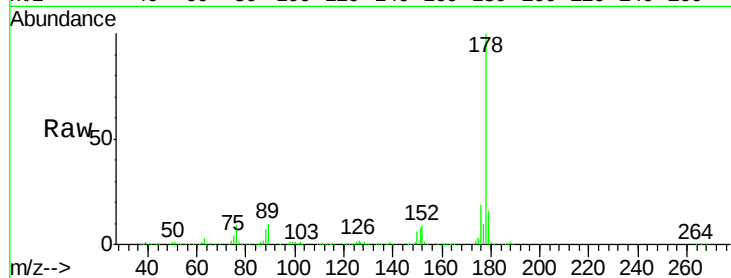




#71
 Anthracene
 Concen: 44.548 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

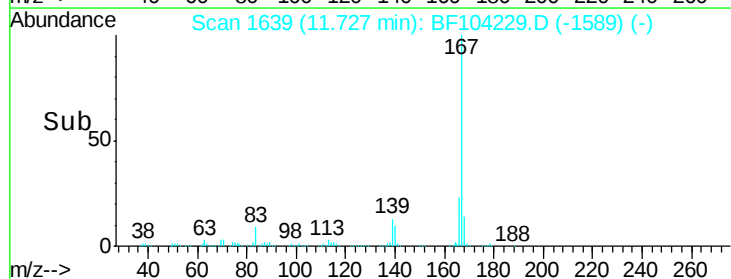
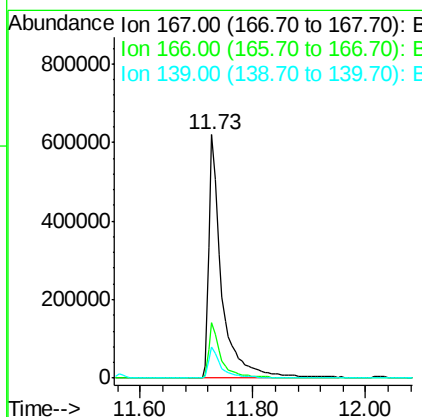
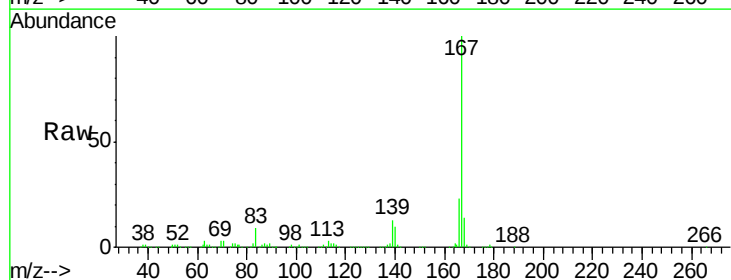
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1115566
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 41.285 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:167 Resp: 986747
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.123 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

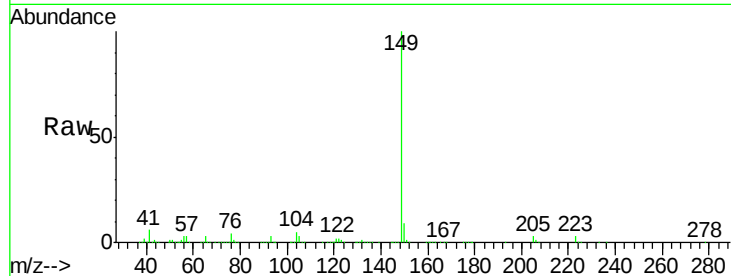
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1113827

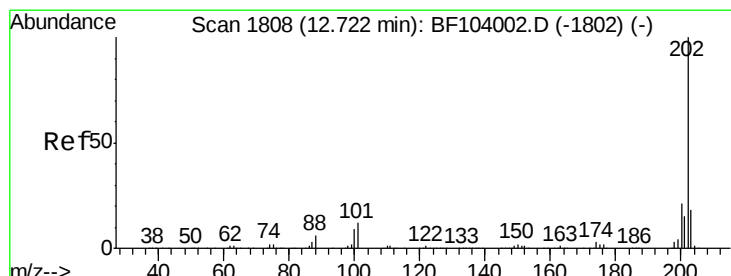
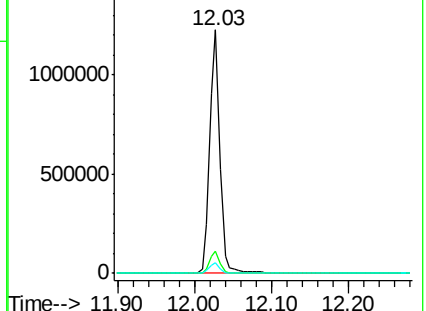
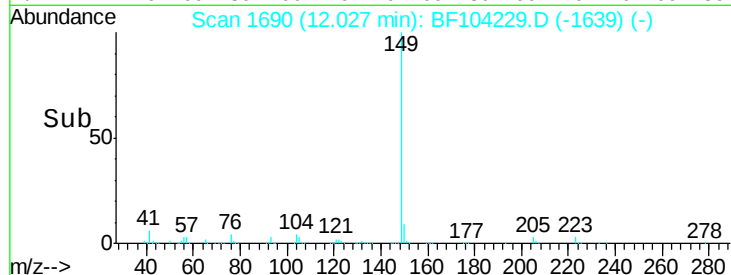
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.5	3.8	5.8



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: 41.460 ng

RT: 12.70 min Scan# 1805

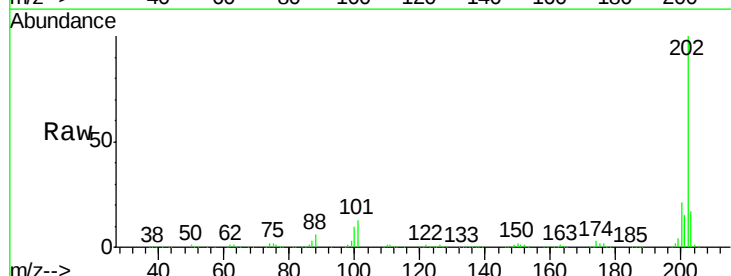
Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Tgt Ion:202 Resp: 1056546

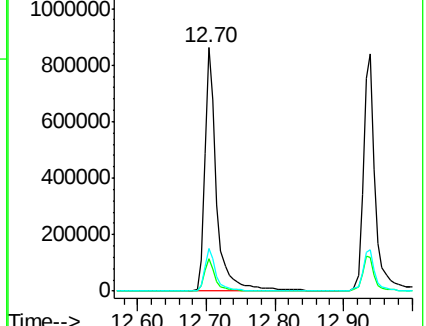
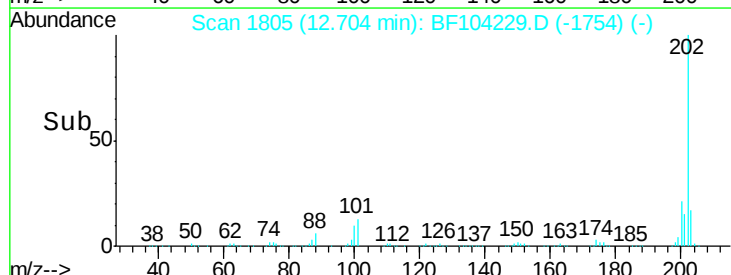
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.5	0.0	38.1

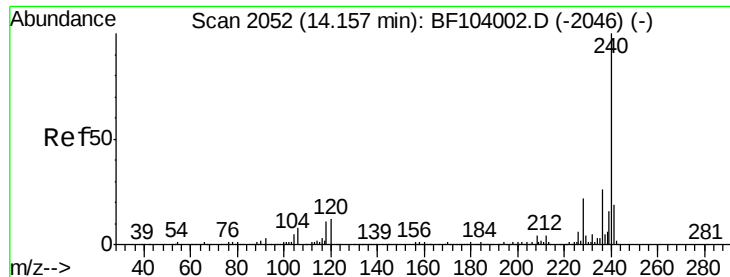


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

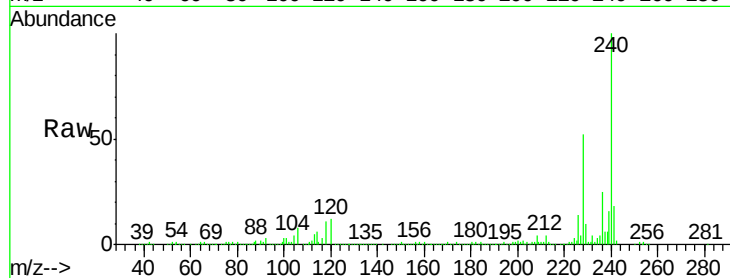
Tot Ion:240 Resp: 341361

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

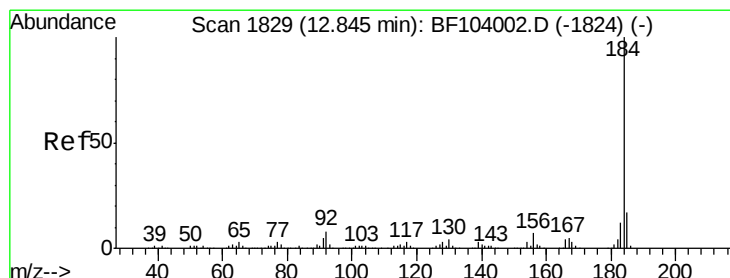
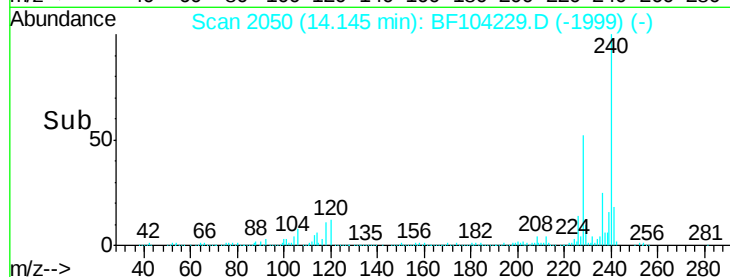
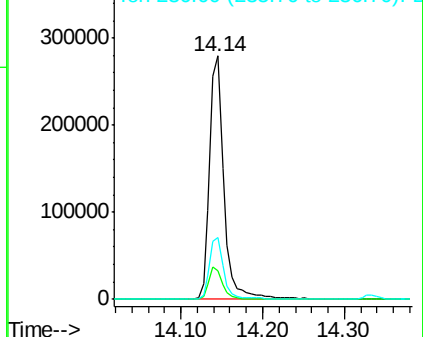
236 25.2 20.7 31.1



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: 32.154 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

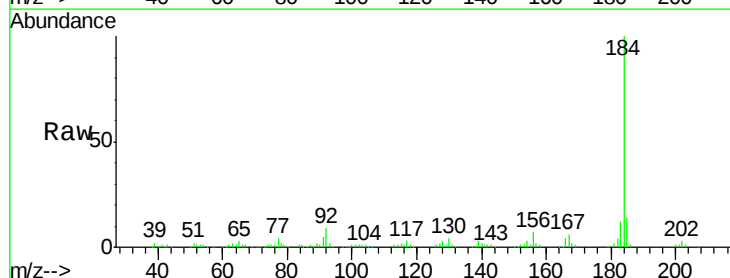
Tgt Ion:184 Resp: 312791

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

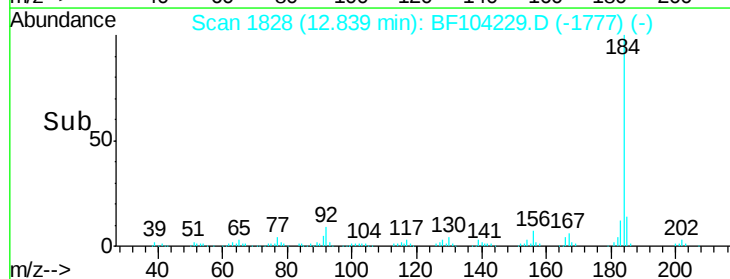
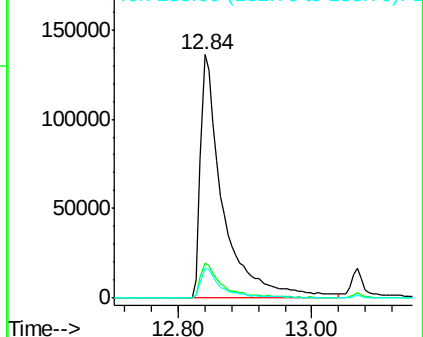
183 12.2 9.3 13.9

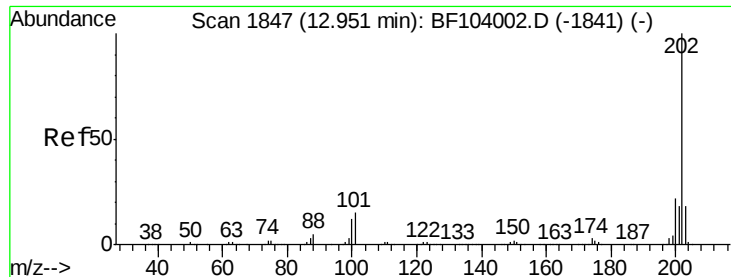


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

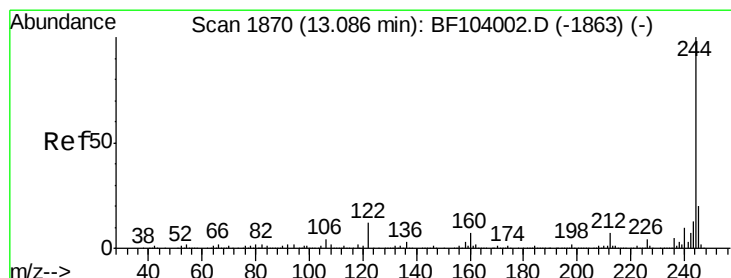
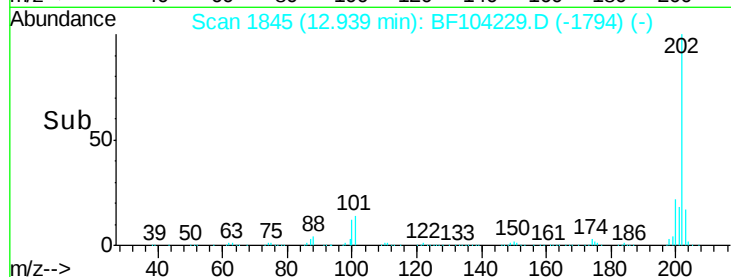
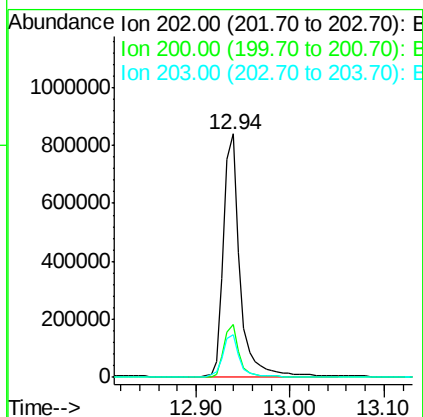
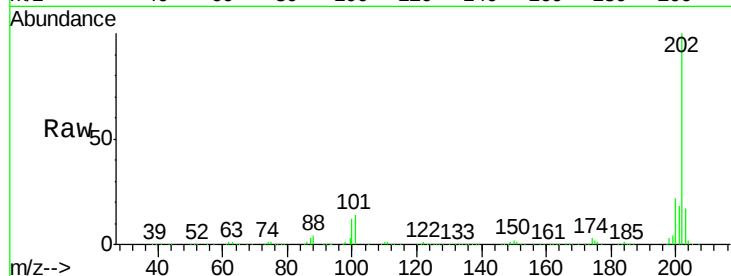




#77
Pvrene
Concen: 41.839 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

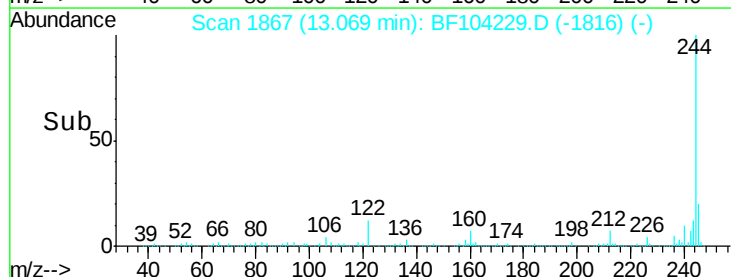
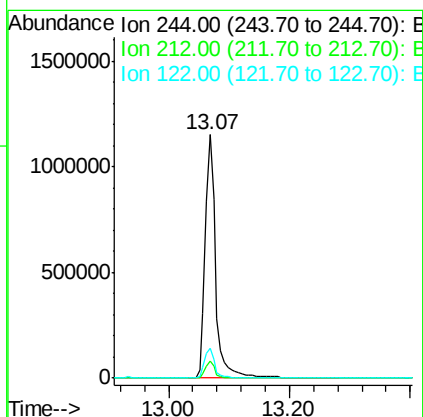
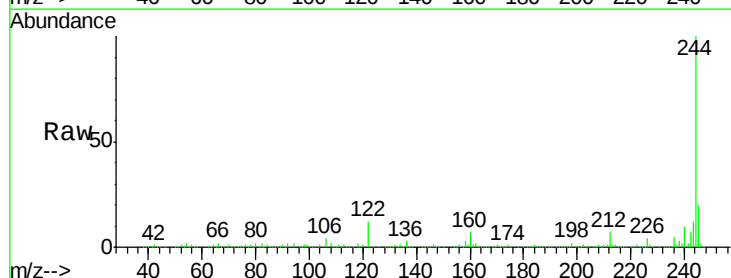
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1026688
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 94.867 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:244 Resp: 1402543
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.4 11.0 16.4

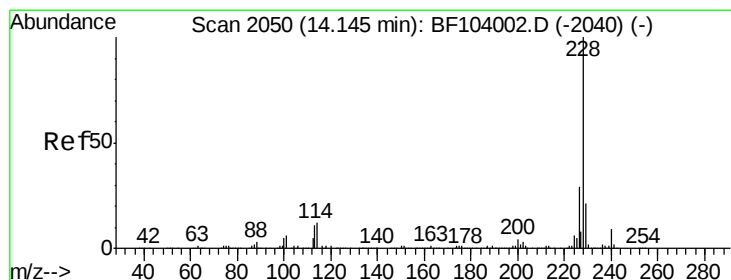
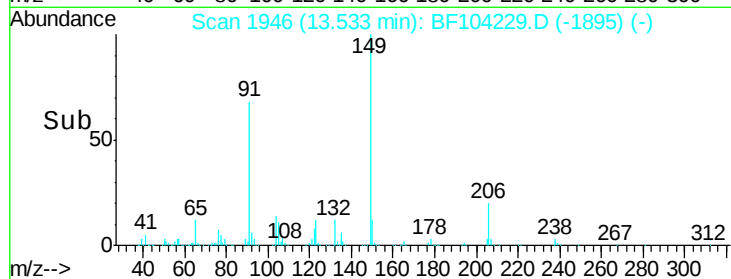
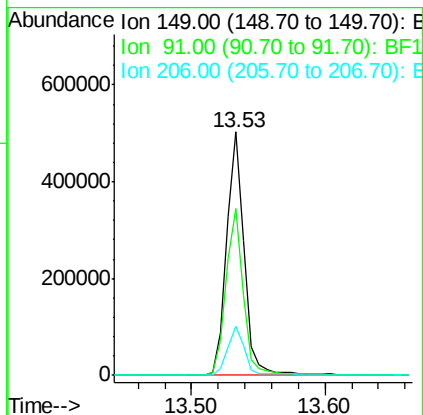
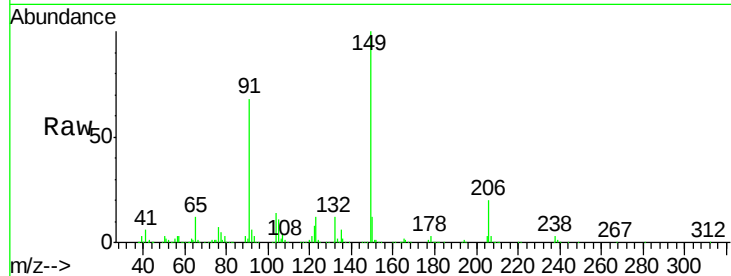




#79
Butylbenzylphthalate
Concen: 40.760 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

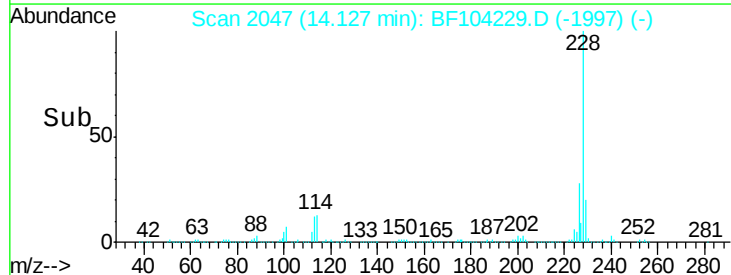
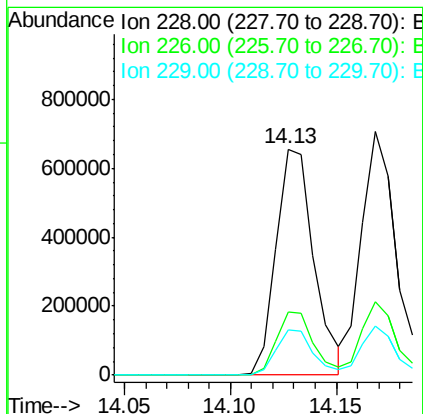
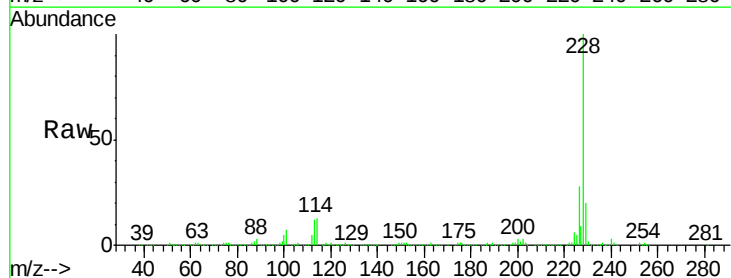
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 471225
Ion Ratio Lower Upper
149 100
91 68.4 56.8 85.2
206 20.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.355 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:228 Resp: 819241
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 15.8 23.6

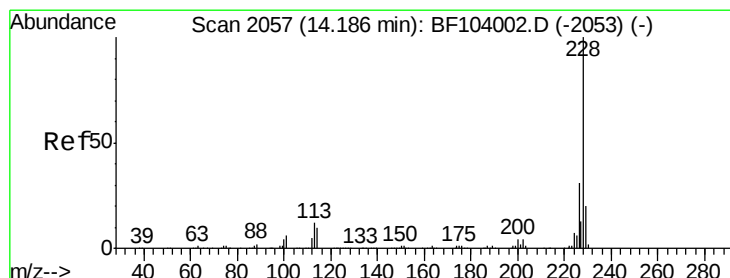
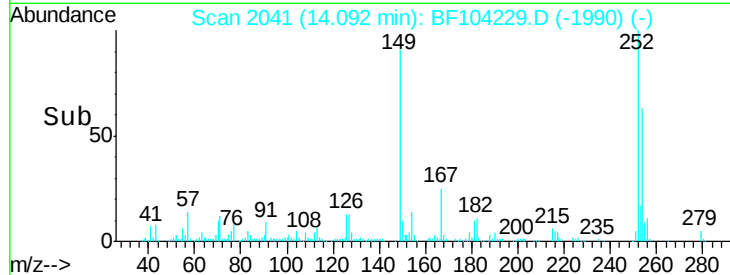
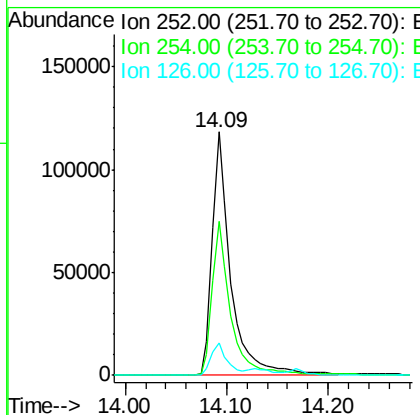
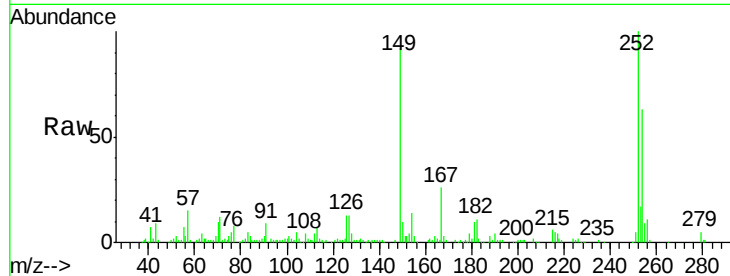




#81
 3,3'-Dichlorobenzidine
 Concen: 21.463 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

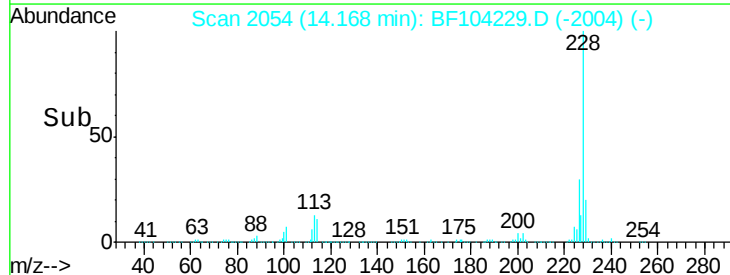
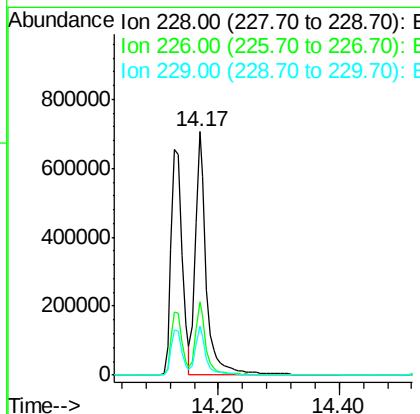
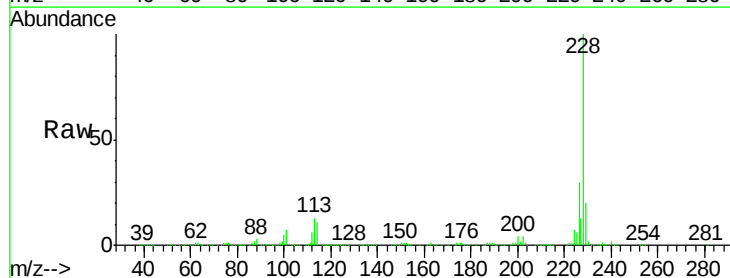
Instrument :
 BNA_F
 ClientSampleId :

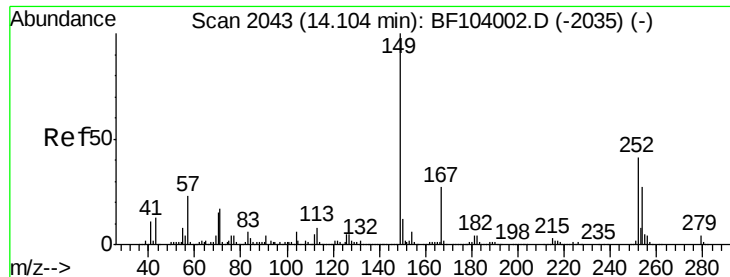
Tot Ion:252 Resp: 151748
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 13.1 11.3 16.9



#82
 Chrysene
 Concen: 43.321 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion:228 Resp: 906309
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.660 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

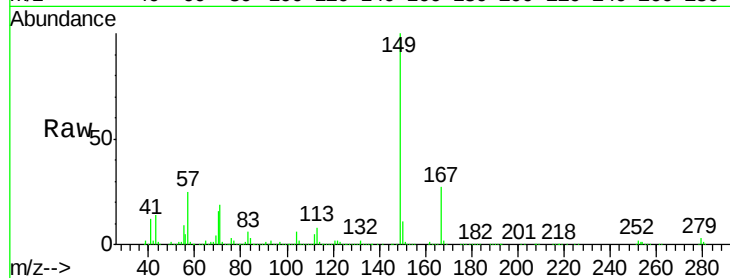
Tot Ion:149 Resp: 622291

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

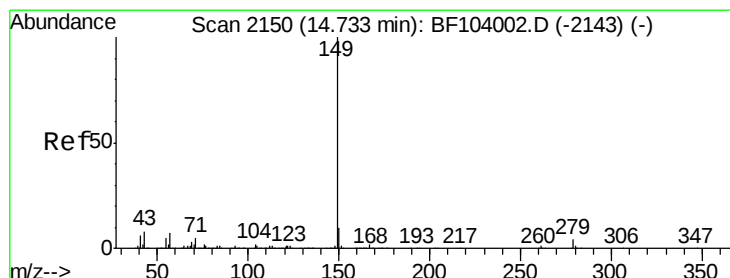
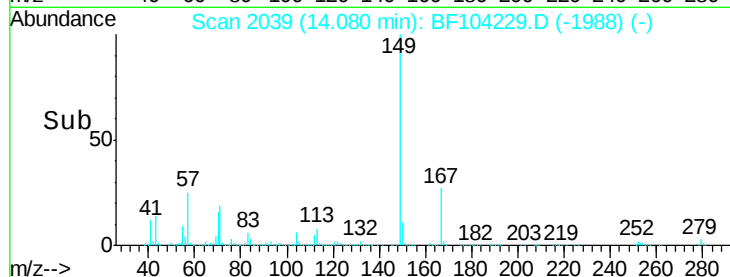
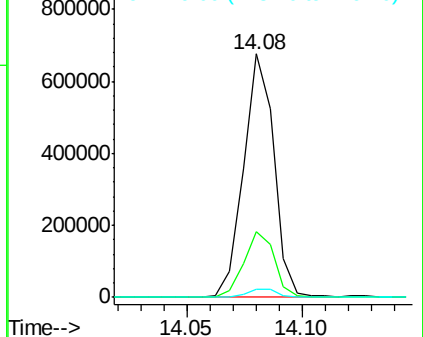
279 3.5 3.0 4.4



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: 38.064 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

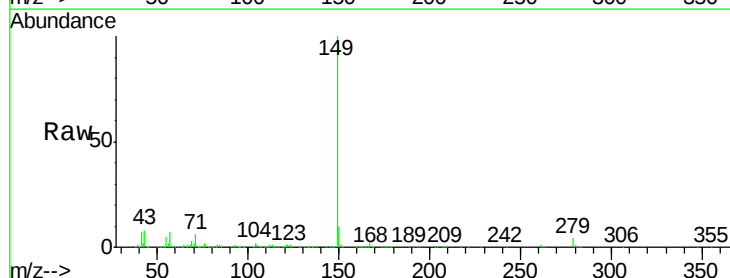
Tgt Ion:149 Resp: 978076

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

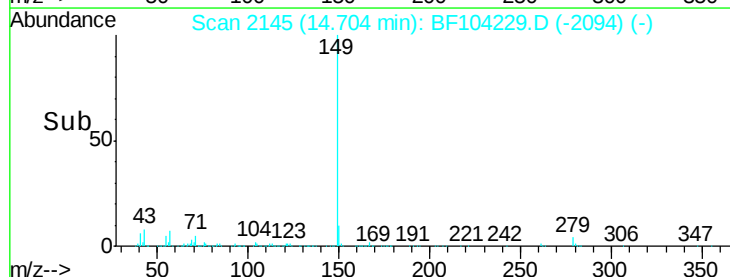
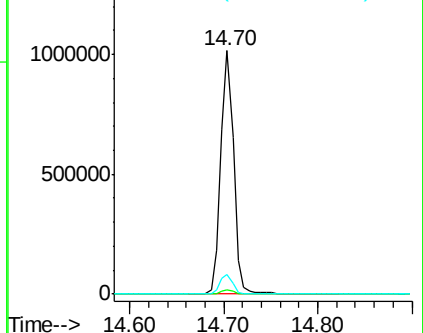
43 8.0 8.4 12.6#

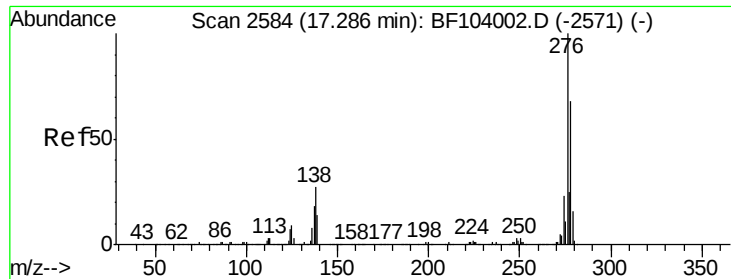


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

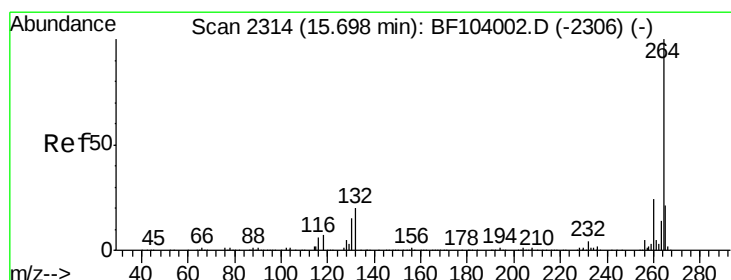
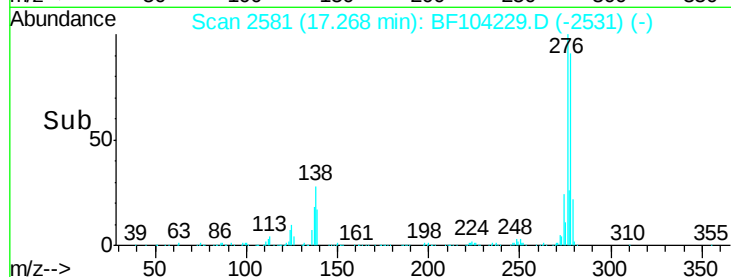
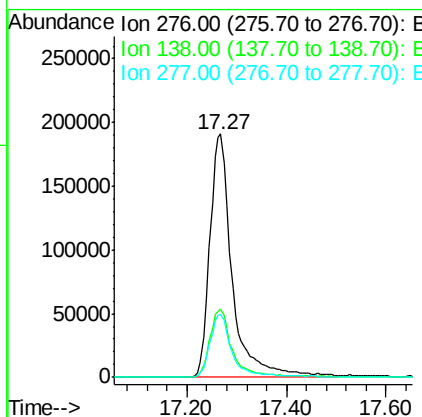
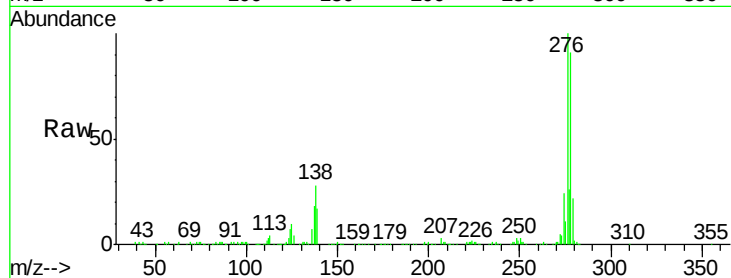




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.666 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

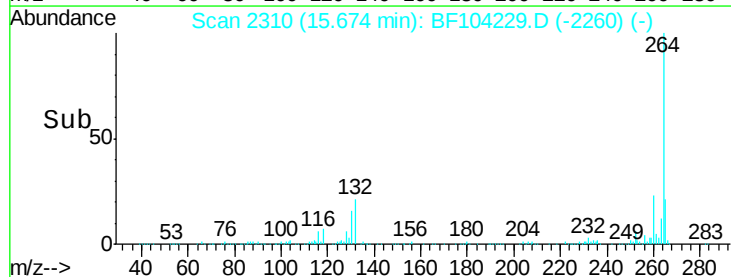
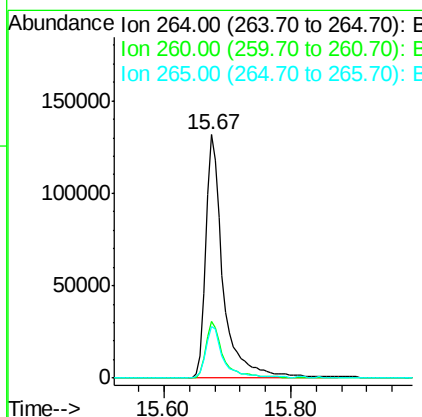
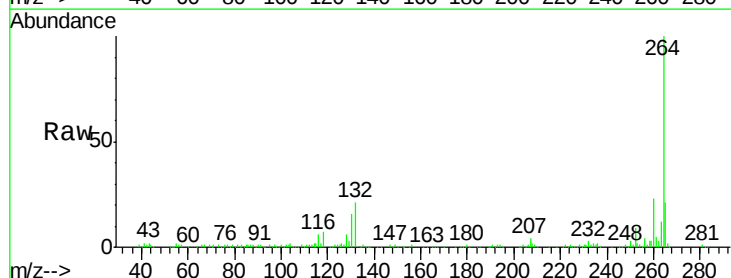
Instrument :
 BNA_F
 ClientSampled :

Tot 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: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104229.D
 Acq: 4 Apr 2018 17:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

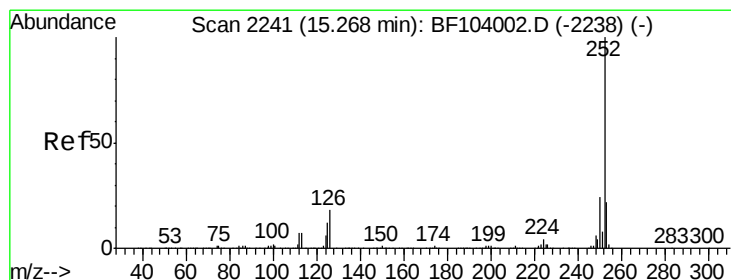
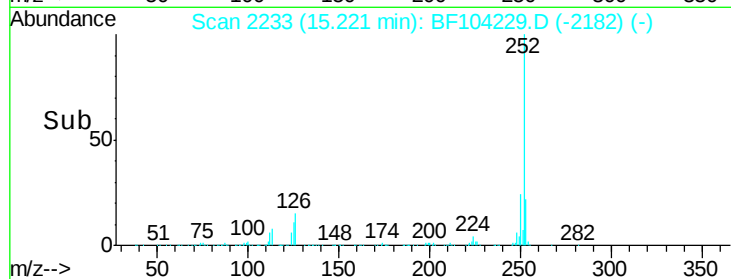
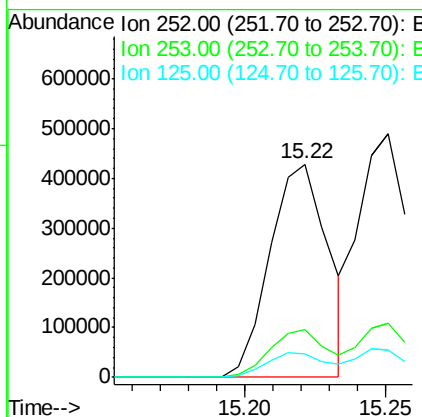
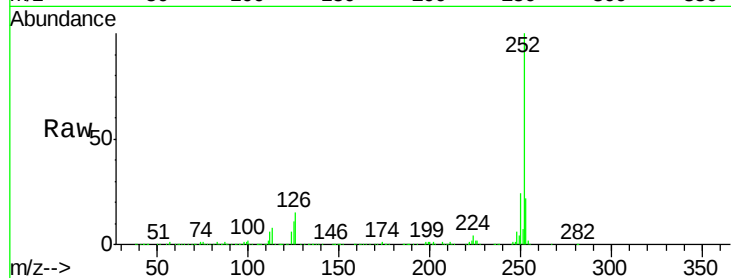




#87
Benzo(b)fluoranthene
Concen: 39.669 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

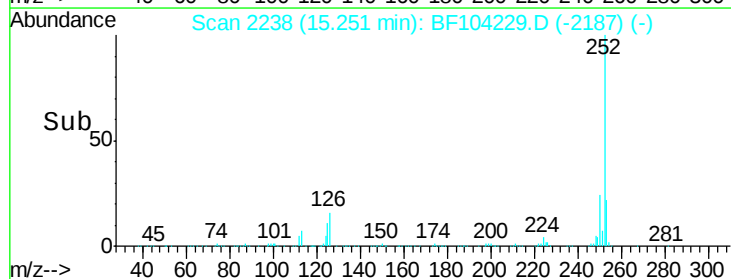
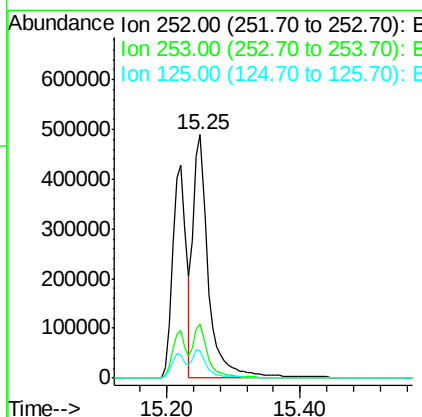
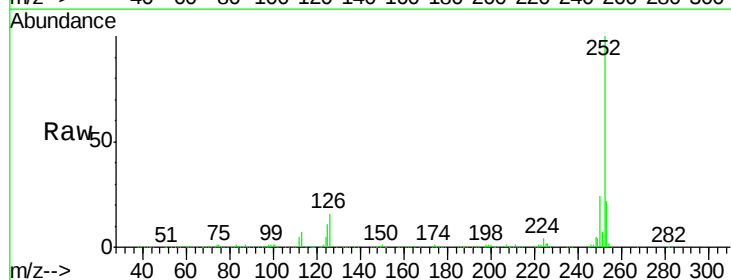
Instrument :
BNA_F
ClientSampleId :

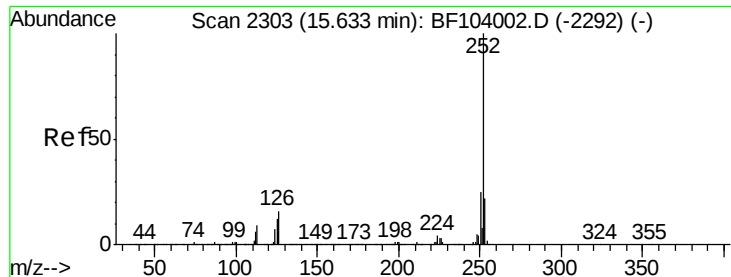
Tot Ion:252 Resp: 614173
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 51.578 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF104229.D
Acq: 4 Apr 2018 17:02

Tgt Ion:252 Resp: 752247
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.329 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

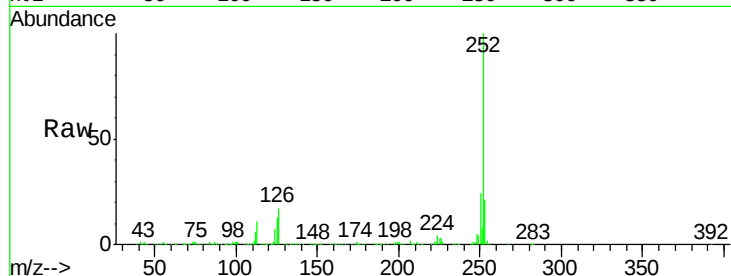
Tot Ion:252 Resp: 621660

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

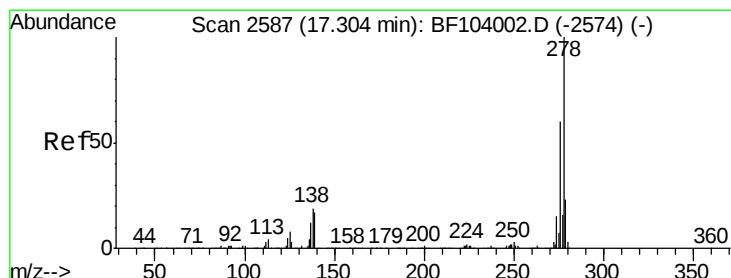
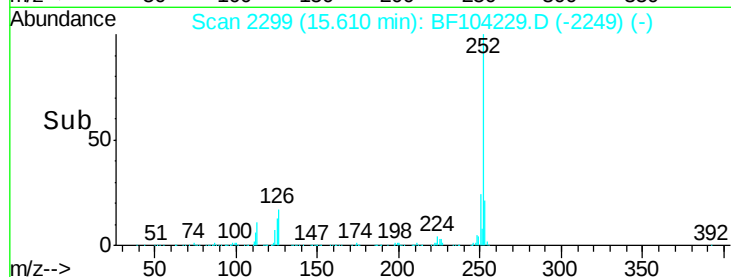
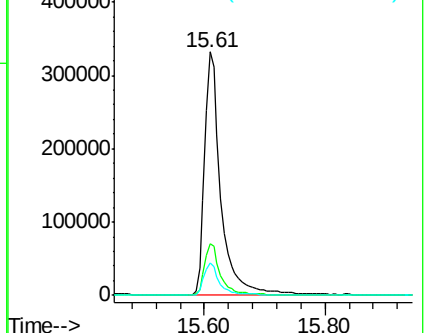
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.801 ng

RT: 17.27 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

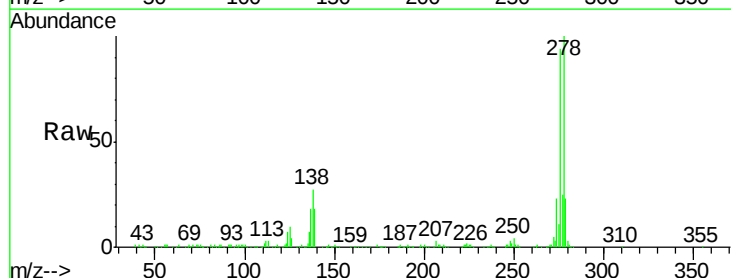
Tgt Ion:278 Resp: 501437

Ion Ratio Lower Upper

278 100

139 17.8 15.9 23.9

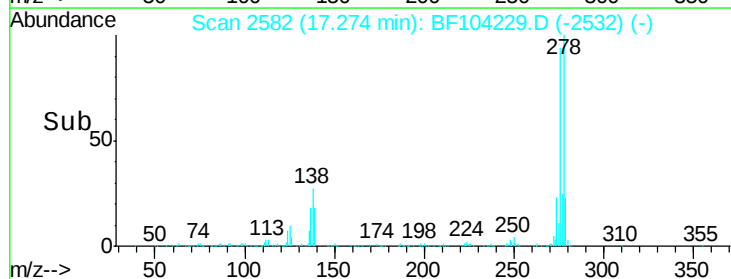
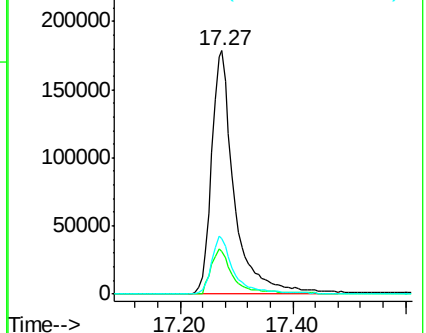
279 22.8 19.0 28.4

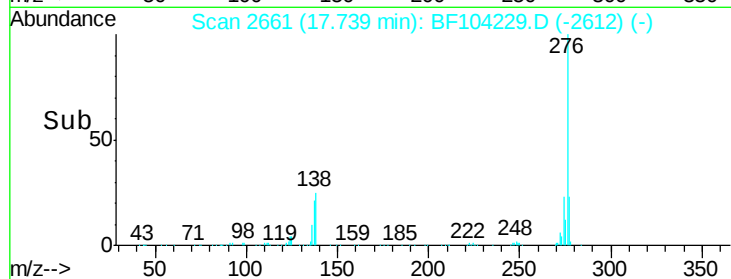
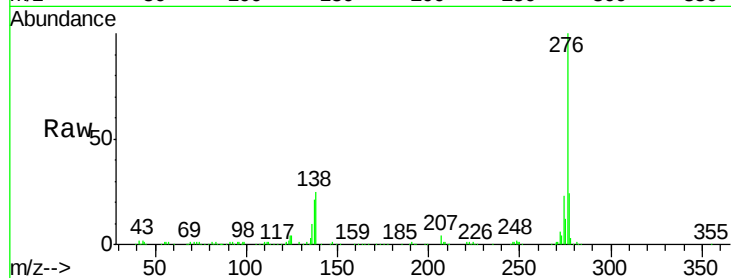
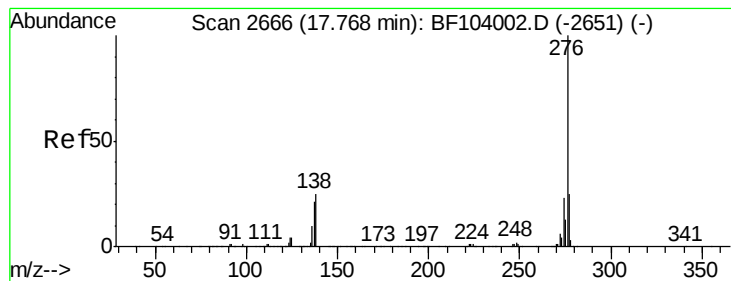


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.684 ng

RT: 17.74 min Scan# 2661

Delta R.T. -0.01 min

Lab File: BF104229.D

Acq: 4 Apr 2018 17:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 500693

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 25.4 21.8 32.8

