

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103601.D
 Acq On : 13 Mar 2018 13:54
 Operator : SJ/JU
 Sample : PB107288BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 15:01:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120853	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	513414	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	238058	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	433272	20.00	ng	0.00
75) Chrysene-d12	14.06	240	341078	20.00	ng	0.00
86) Perylene-d12	15.56	264	371169	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	898505	112.44	ng	0.00
7) Phenol-d6	6.50	99	1065326	108.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	701529	78.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	197863	98.19	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1045378	73.16	ng	-0.01
78) Terphenyl-d14	12.98	244	1049513	73.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	124386	29.473	ng	97
3) Pyridine	3.51	79	238450	21.163	ng	98
4) n-Nitrosodimethylamine	3.45	42	97126	21.374	ng	86
6) Aniline	6.54	93	307974	21.824	ng	# 65
8) 2-Chlorophenol	6.65	128	325557	39.219	ng	94
9) Benzaldehyde	6.43	77	125544	18.015	ng	96
10) Phenol	6.52	94	388124	34.193	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	284964	33.077	ng	94
12) 1,3-Dichlorobenzene	6.80	146	332825	35.085	ng	97
13) 1,4-Dichlorobenzene	6.87	146	365533	38.434	ng	99
14) 1,2-Dichlorobenzene	7.03	146	313584	35.758	ng	100
15) Benzyl Alcohol	7.02	79	266336	36.148	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	512771	34.661	ng	# 48
17) 2-Methylphenol	7.12	107	274106	36.336	ng	# 78
18) Hexachloroethane	7.36	117	122912	35.501	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	252301	41.460	ng	96
20) 3+4-Methylphenols	7.29	107	360451	39.198	ng	# 72
22) Acetophenone	7.27	105	482259	40.242	ng	# 94
24) Nitrobenzene	7.45	77	365592	36.935	ng	93
25) Isophorone	7.67	82	699417	39.501	ng	95
26) 2-Nitrophenol	7.76	139	177926	38.184	ng	# 90
27) 2,4-Dimethylphenol	7.80	122	309315	43.428	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	424067	40.736	ng	98
29) 2,4-Dichlorophenol	8.02	162	279570	40.998	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	255715	35.214	ng	99
31) Naphthalene	8.16	128	969184	38.558	ng	100
32) Benzoic acid	7.93	122	36876	12.887	ng	# 89
33) 4-Chloroaniline	8.23	127	211432	19.493	ng	97
34) Hexachlorobutadiene	8.26	225	125288	33.132	ng	99
35) Caprolactam	8.60	113	40752	17.004	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	325811	42.360	ng	98
37) 2-Methylnaphthalene	8.85	142	621135	38.236	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	228066	35.044	ng	97
40) Hexachlorocyclopentadiene	8.99	237	73376	37.317	ng	98

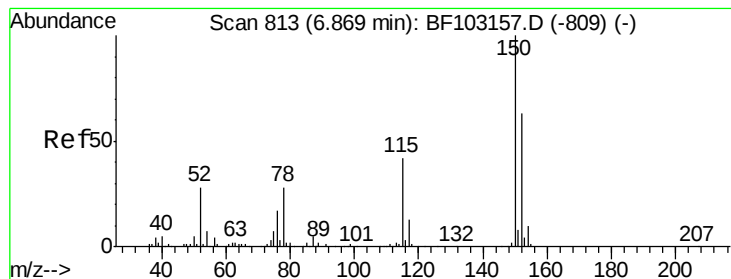
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	154222	35.218	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	169247	33.603	nq	95
45) 1,1'-Biphenyl	9.32	154	712591	35.722	nq	99
46) 2-Chloronaphthalene	9.35	162	564422	35.764	nq	99
47) 2-Nitroaniline	9.46	65	242157	41.424	nq	# 81
48) Acenaphthylene	9.76	152	863072	35.544	nq	99
49) Dimethylphthalate	9.62	163	660792	34.601	nq	100
50) 2,6-Dinitrotoluene	9.69	165	144687	36.103	nq	# 68
51) Acenaphthene	9.93	154	500353	35.338	nq	99
52) 3-Nitroaniline	9.88	138	124358	24.458	nq	97
53) 2,4-Dinitrophenol	10.02	184	43756	36.212	nq	# 23
54) Dibenzofuran	10.10	168	736371	37.886	nq	91
55) 4-Nitrophenol	10.06	139	109106	34.623	nq	87
56) 2,4-Dinitrotoluene	10.11	165	192189	37.918	nq	# 67
57) Fluorene	10.45	166	608025	36.722	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	100667	29.753	nq	96
59) Diethylphthalate	10.32	149	681887	37.333	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	267458	38.092	nq	95
61) 4-Nitroaniline	10.50	138	183042	36.042	nq	99
62) Azobenzene	10.60	77	755974	40.662	nq	94
64) 4,6-Dinitro-2-methylphenol	10.53	198	55959	23.985	nq	# 79
65) n-Nitrosodiphenylamine	10.56	169	545004	36.127	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	156682	34.715	nq	99
67) Hexachlorobenzene	11.00	284	167286	34.148	nq	97
68) Atrazine	11.09	200	168501	37.161	nq	96
69) Pentachlorophenol	11.21	266	93096	39.303	nq	97
70) Phenanthrene	11.42	178	861175	36.117	nq	98
71) Anthracene	11.47	178	957007	39.140	nq	99
72) Carbazole	11.64	167	952806	39.131	nq	99
73) Di-n-butylphthalate	11.94	149	1147955	37.678	nq	99
74) Fluoranthene	12.62	202	929043	38.773	nq	98
76) Benzidine	12.75	184	500717	39.268	nq	98
77) Pyrene	12.85	202	941179	35.393	nq	99
79) Butylbenzylphthalate	13.44	149	529865	37.713	nq	92
80) Benzo(a)anthracene	14.04	228	788930	35.649	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	186098	23.563	nq	96
82) Chrysene	14.08	228	807314	37.570	nq	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	684447	36.100	nq	# 99
84) Di-n-octyl phthalate	14.62	149	1246767	40.700	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	755525	44.412	nq	98
87) Benzo(b)fluoranthene	15.12	252	792864	32.489	nq	98
88) Benzo(k)fluoranthene	15.15	252	800470	34.833	nq	98
89) Benzo(a)pyrene	15.50	252	764831	35.096	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	632385	37.553	nq	98
91) Benzo(g,h,i)perylene	17.58	276	634062	38.526	nq	96

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

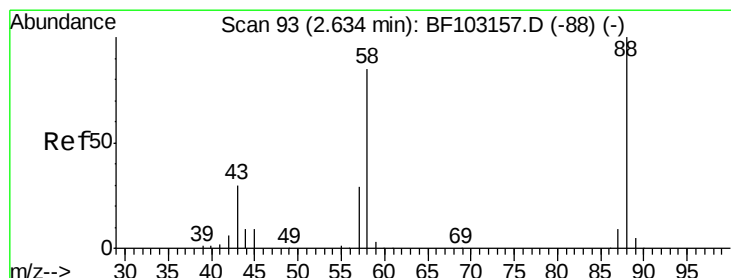
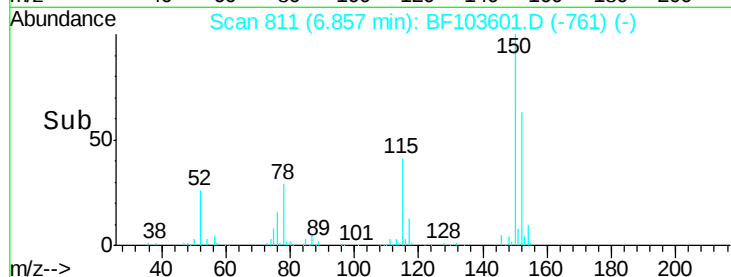
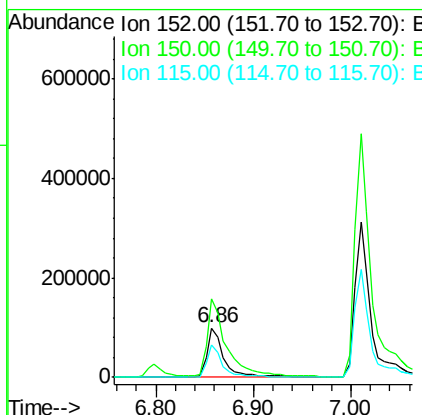
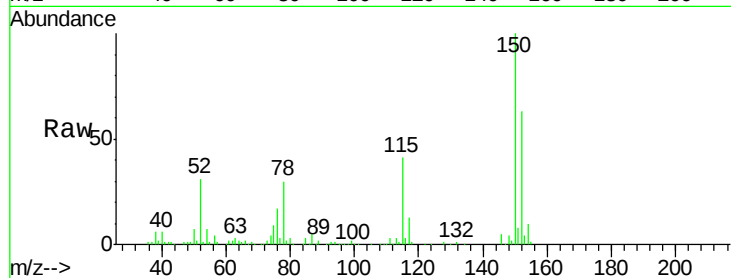


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampleId :

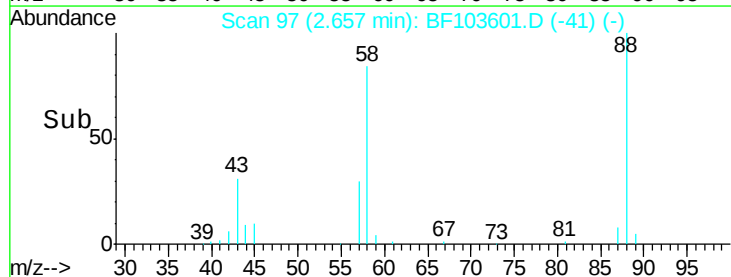
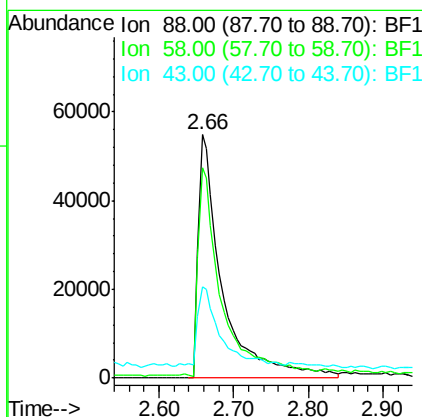
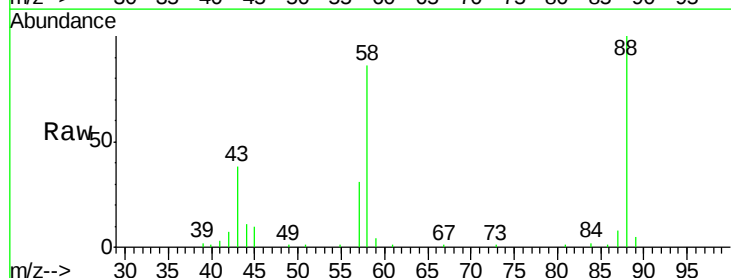
Tot Ion	152	Resp	120853
Ion Ratio	Lower	Upper	
152	100		
150	157.7	124.6	186.8
115	65.1	50.1	75.1

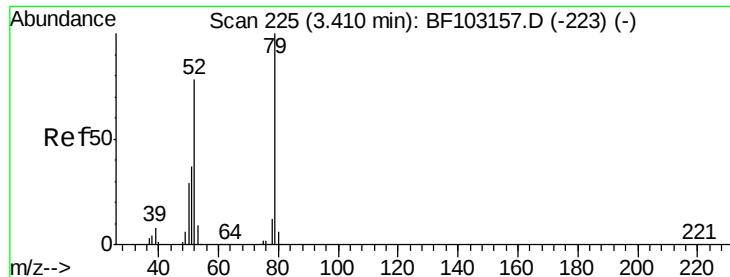


#2

1,4-Dioxane
Concen: 29.473 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.03 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion	88	Resp	124386
Ion Ratio	Lower	Upper	
88	100		
58	81.4	62.6	93.8
43	29.5	24.6	37.0





#3

Pvridine

Concen: 21.163 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

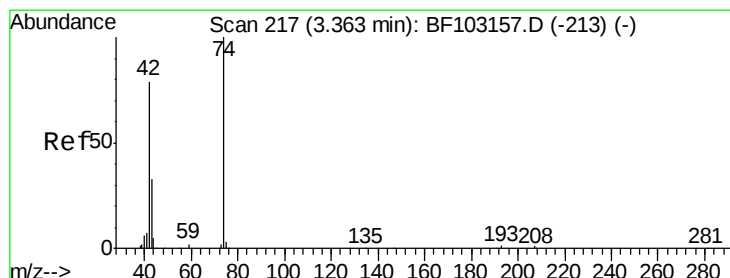
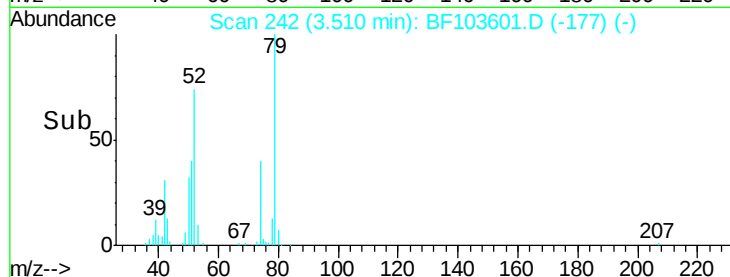
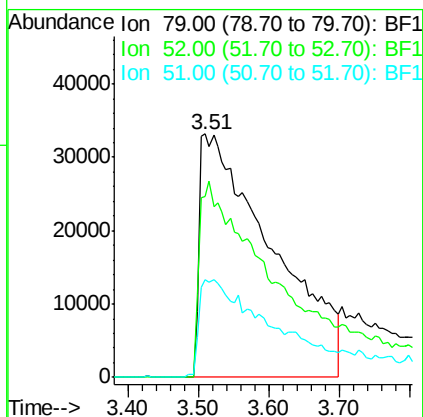
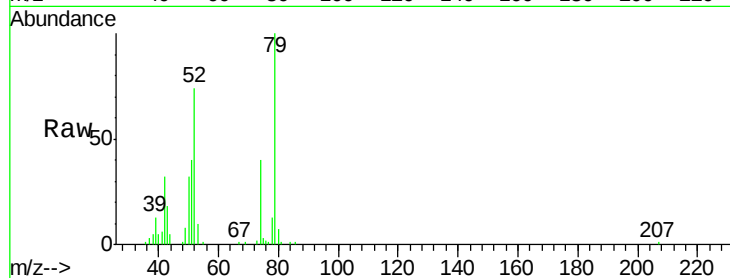
Tot Ion: 79 Resp: 238450

Ion Ratio Lower Upper

79 100

52 74.4 59.8 89.6

51 40.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 21.374 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

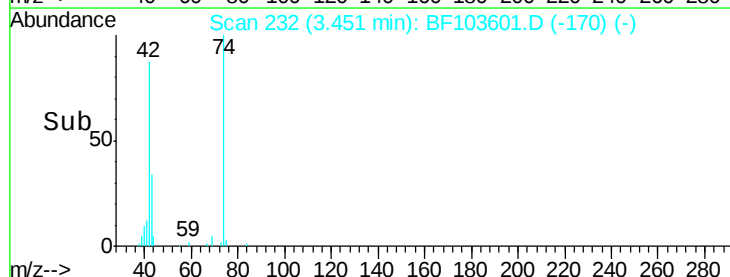
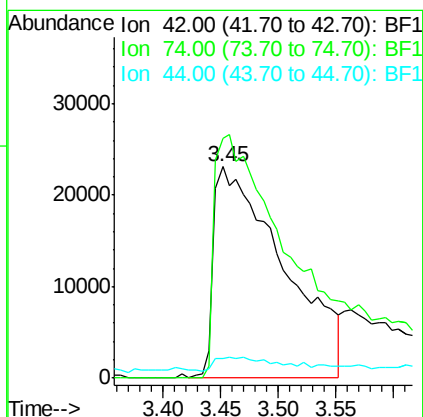
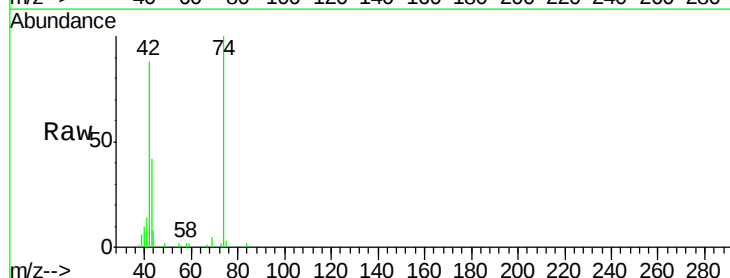
Tgt Ion: 42 Resp: 97126

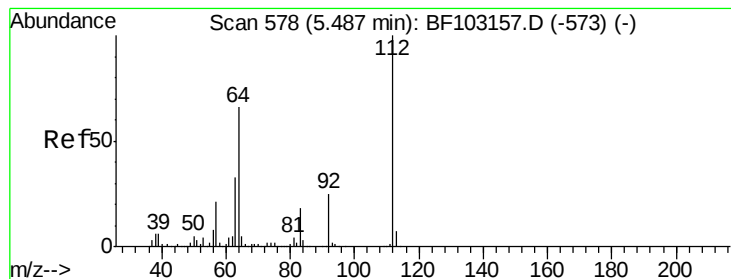
Ion Ratio Lower Upper

42 100

74 113.4 104.9 157.3

44 9.4 6.9 10.3

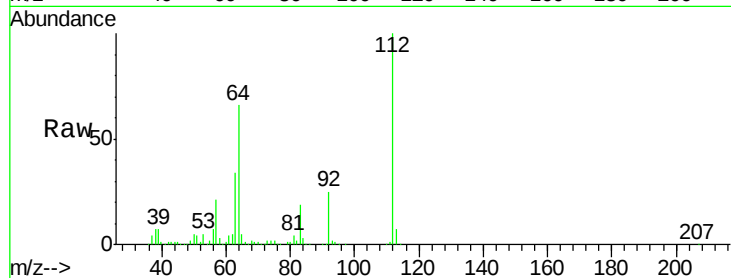




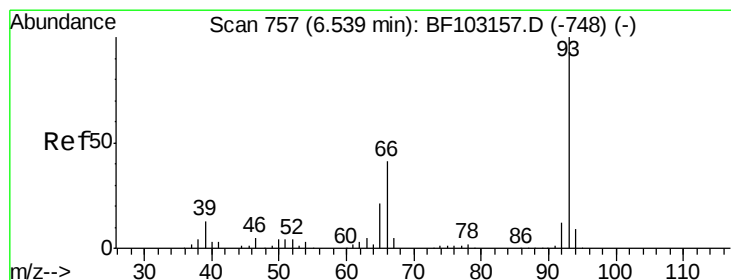
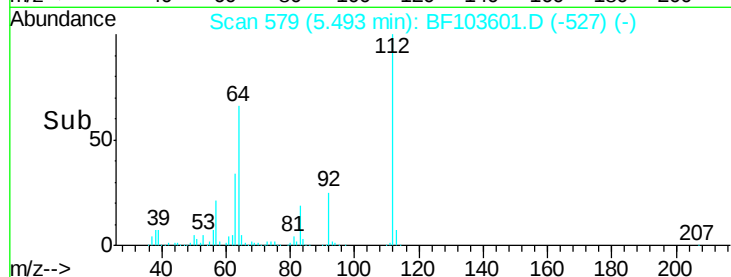
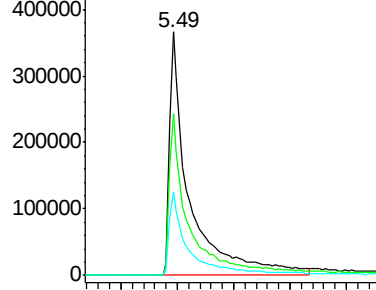
#5
2-Fluorophenol
Concen: 112.444 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.1	23.7	35.5

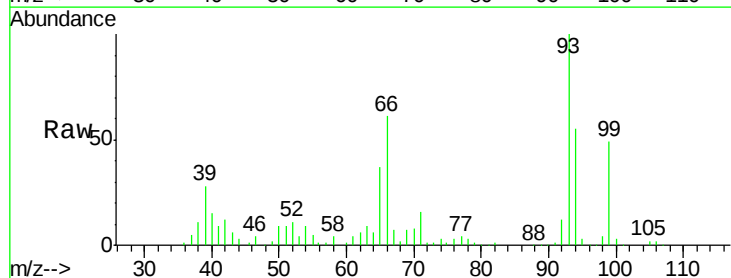


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

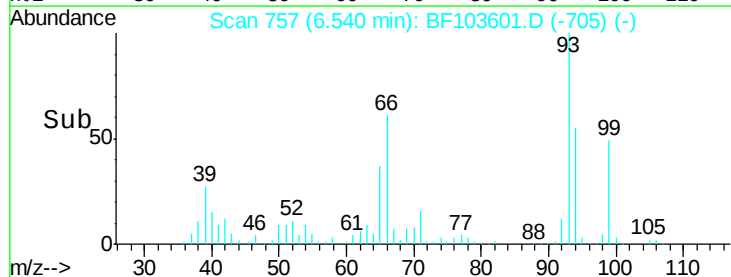
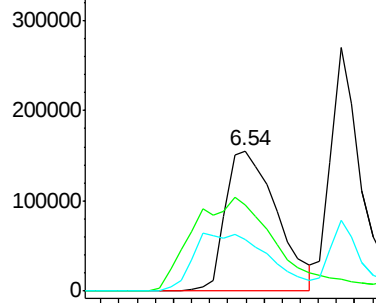


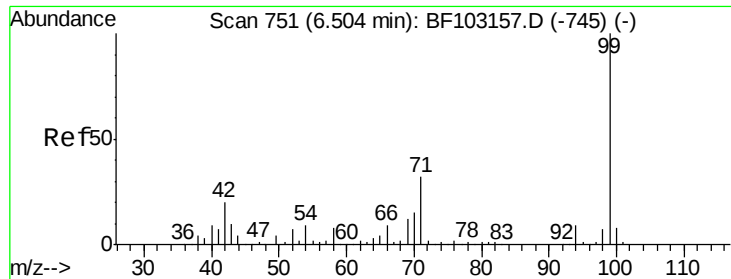
#6
Aniline
Concen: 21.824 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
66	61.5	32.2	48.2#
65	36.7	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: 108.954 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampled :

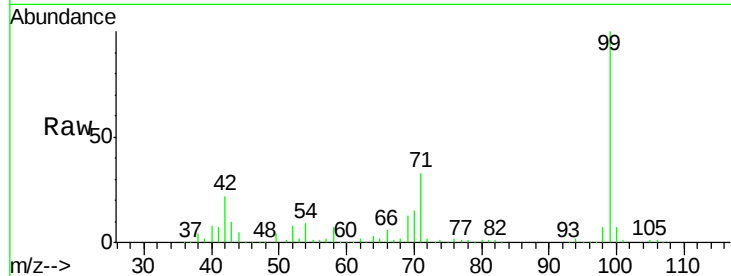
Tot Ion: 99 Resp: 1065326

Ion Ratio Lower Upper

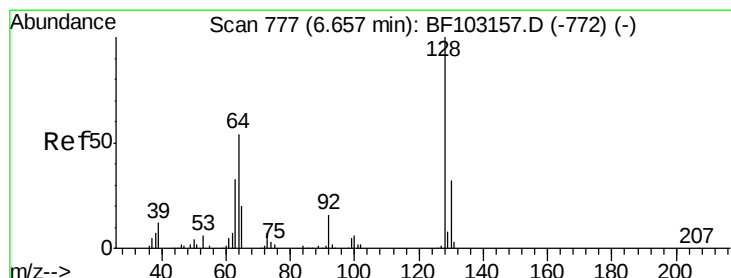
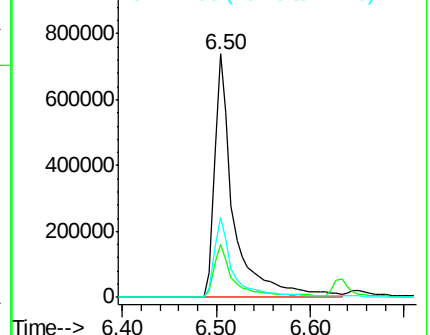
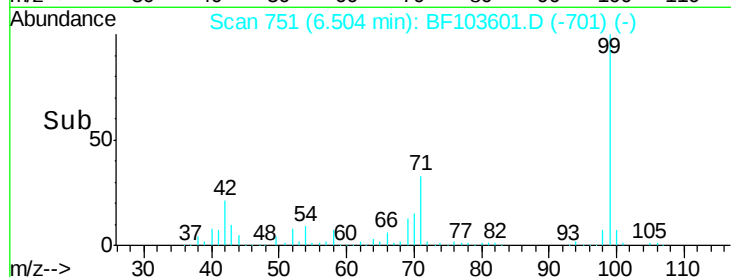
99 100

42 21.5 14.5 21.7

71 33.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.219 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

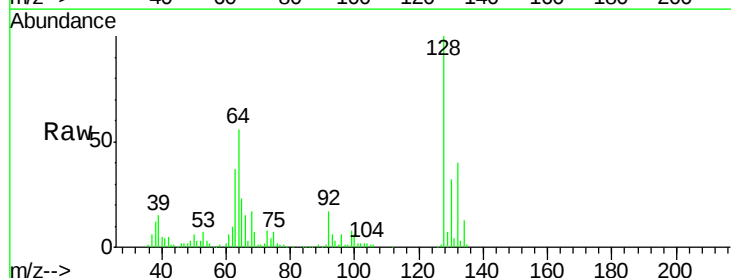
Tgt Ion: 128 Resp: 325557

Ion Ratio Lower Upper

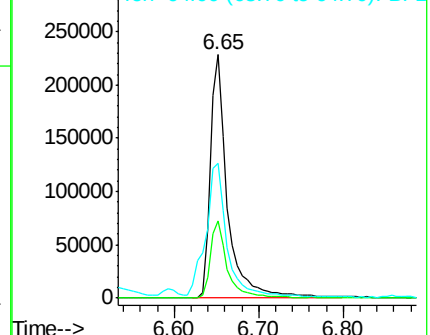
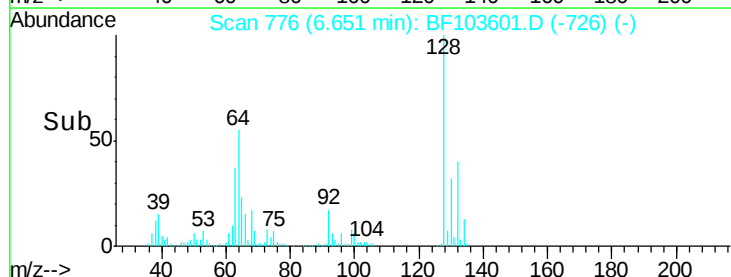
128 100

130 31.9 13.0 53.0

64 55.5 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: 18.015 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

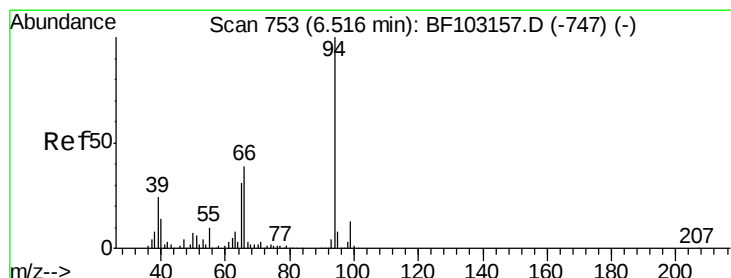
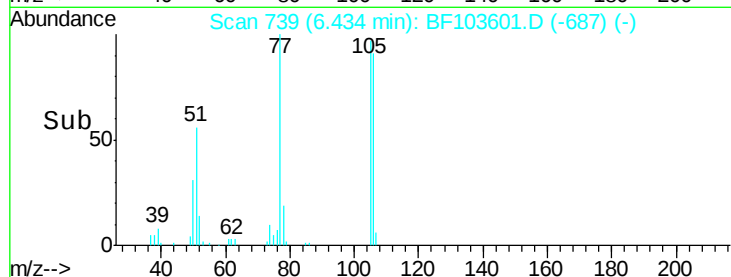
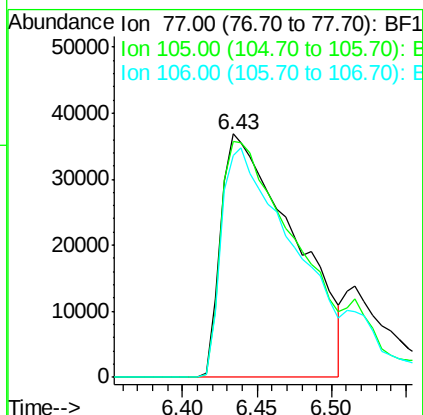
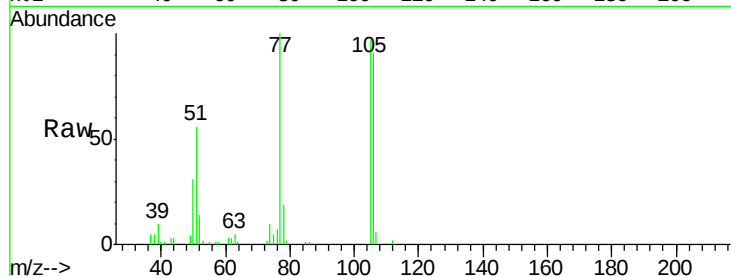
Tot Ion: 77 Resp: 125544

Ion Ratio Lower Upper

77 100

105 96.7 81.1 121.1

106 91.3 74.5 114.5



#10

Phenol

Concen: 34.193 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

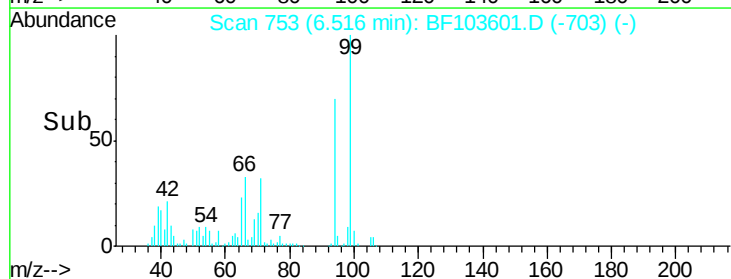
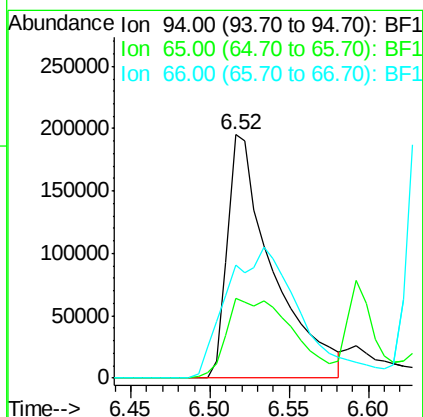
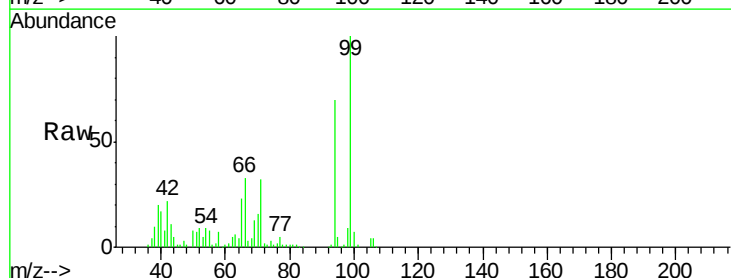
Tgt Ion: 94 Resp: 388124

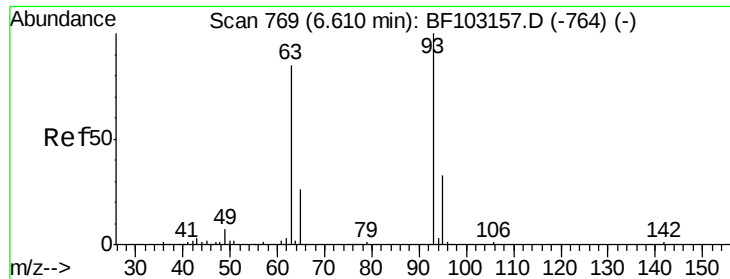
Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

66 46.6 16.2 56.2

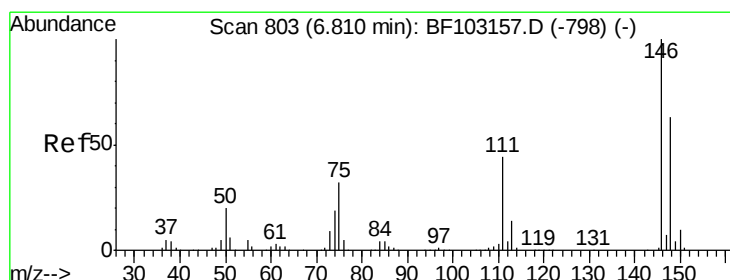
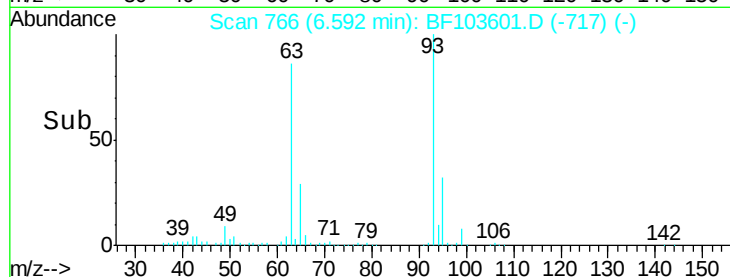
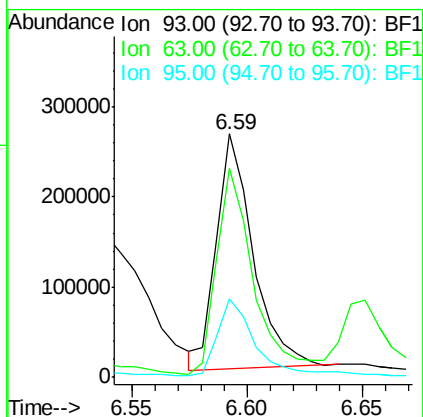
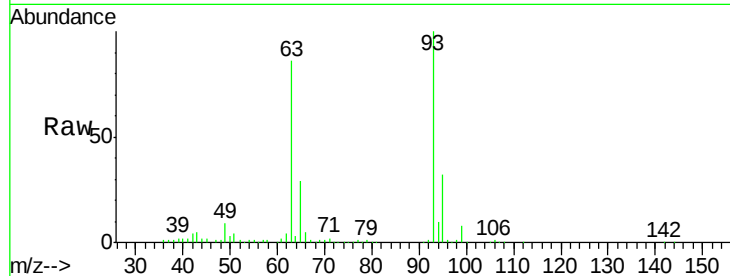




#11
bis(2-Chloroethyl)ether
Concen: 33.077 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

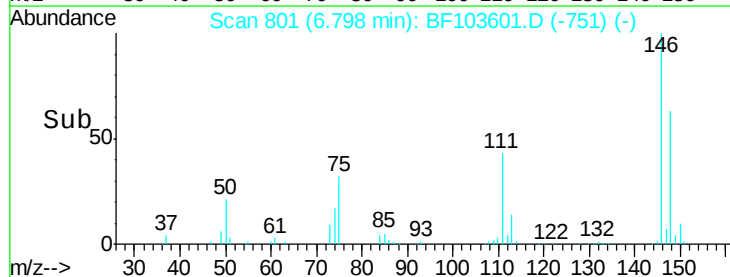
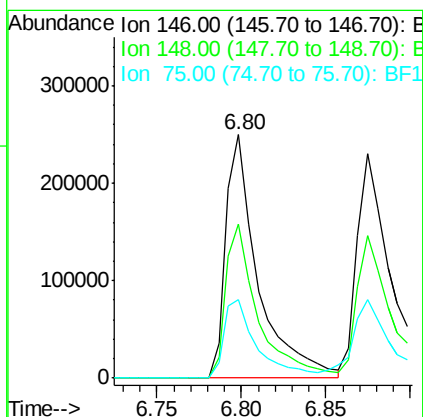
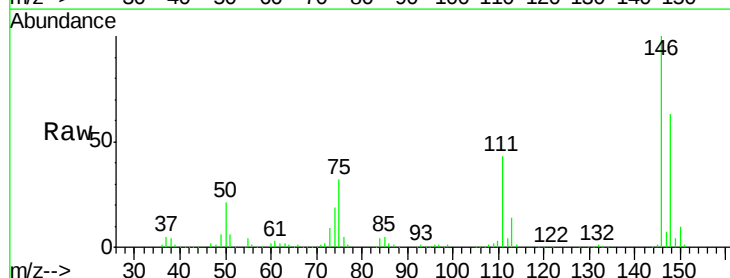
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 284964
Ion Ratio Lower Upper
93 100
63 86.0 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.085 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion: 146 Resp: 332825
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 32.4 24.2 36.4

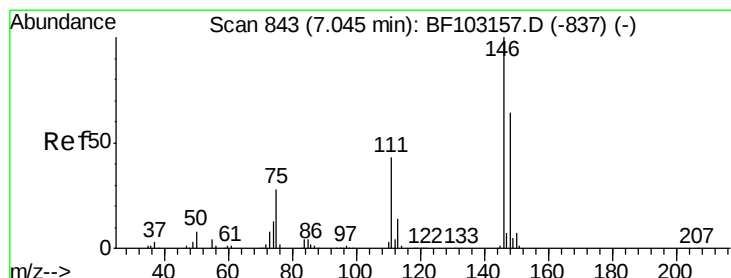
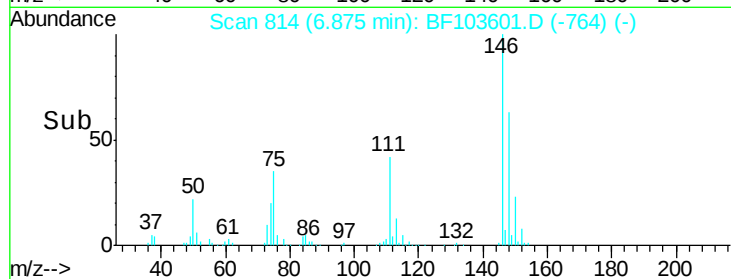
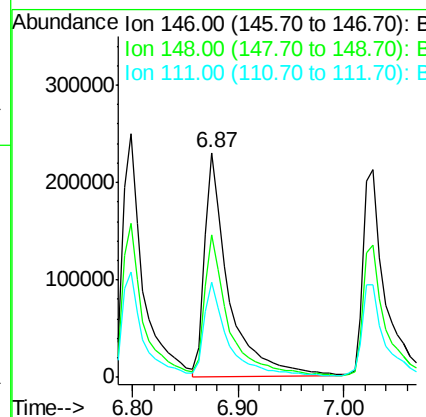
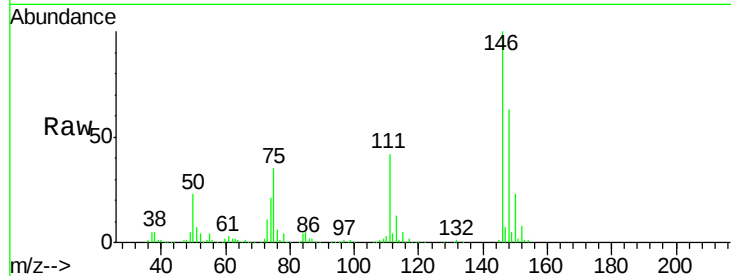




#13
 1,4-Dichlorobenzene
 Concen: 38.434 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

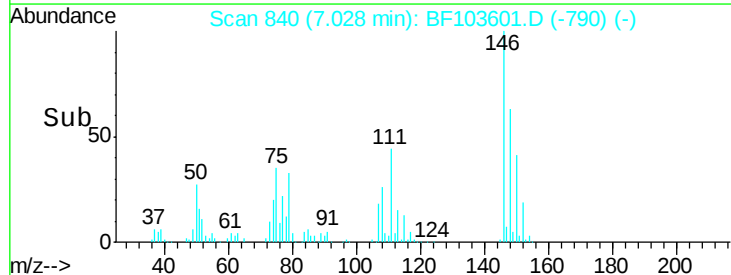
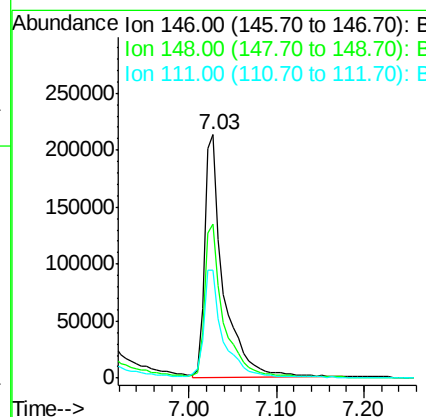
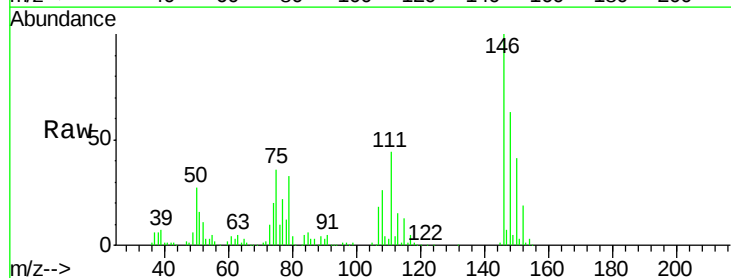
Instrument :
 BNA_F
 ClientSampleId :

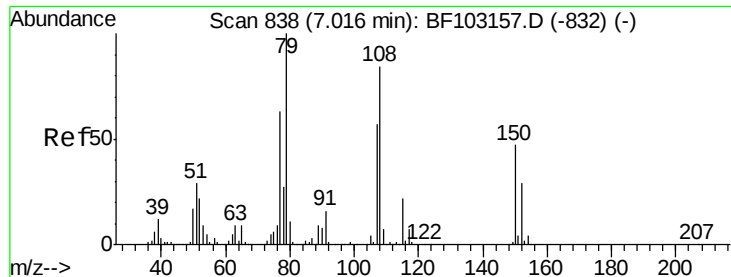
Tot Ion:146 Resp: 365533
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 42.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.758 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:146 Resp: 313584
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.148 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampled :

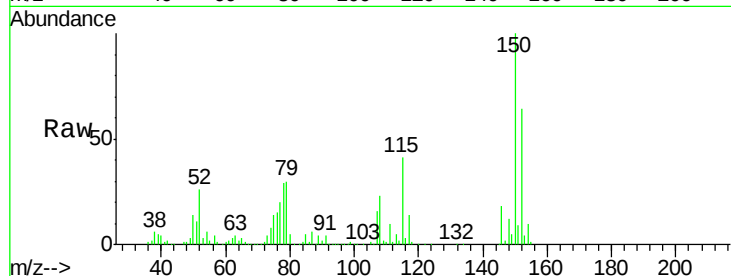
Tot Ion: 79 Resp: 266336

Ion Ratio Lower Upper

79 100

108 76.4 65.1 97.7

77 66.3 50.6 75.8

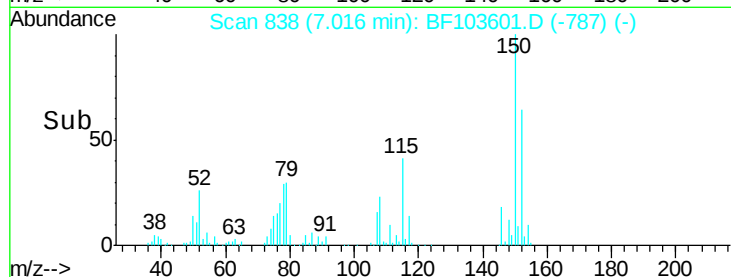


Abundance Ion 79.00 (78.70 to 79.70): BF1

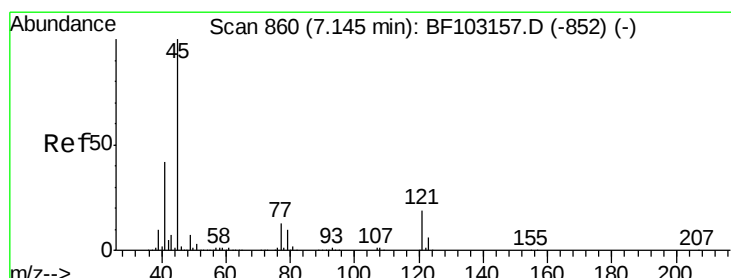
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.661 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

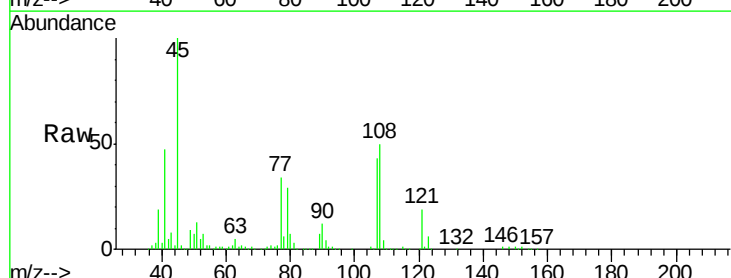
Tgt Ion: 45 Resp: 512771

Ion Ratio Lower Upper

45 100

77 33.6 0.0 32.9#

79 28.9 0.0 29.6

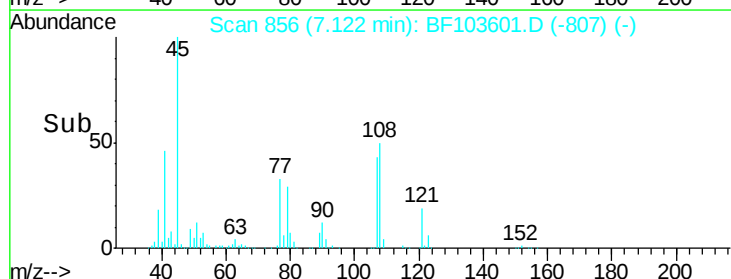


Abundance Ion 45.00 (44.70 to 45.70): BF1

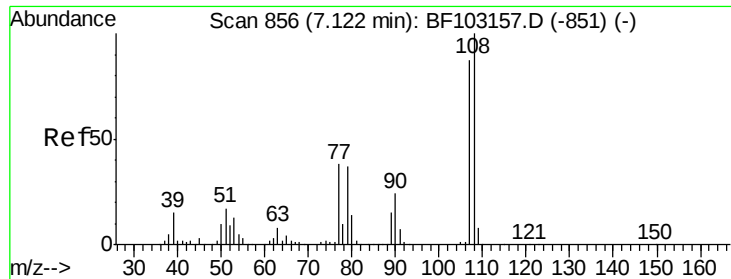
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



Time-->



#17

2-Methylphenol

Concen: 36.336 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF103601.D

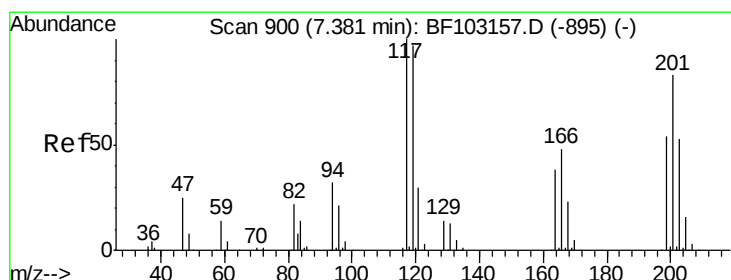
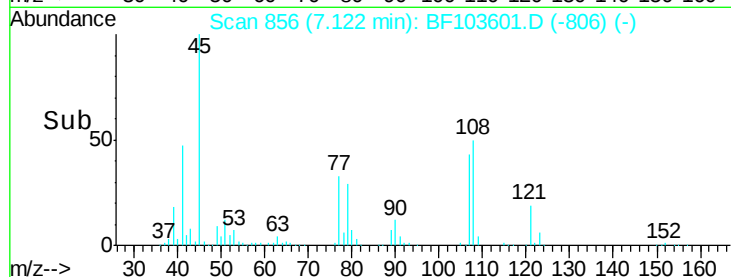
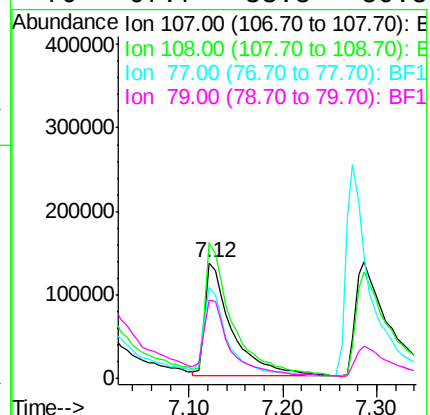
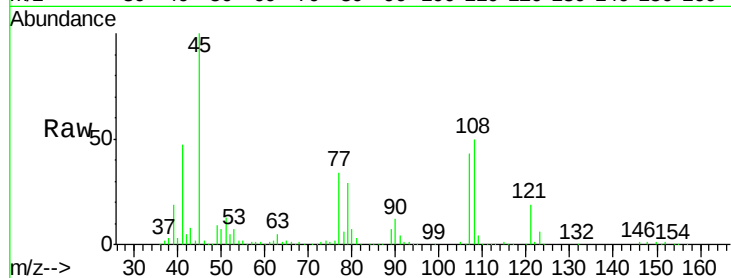
Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	274106
Ion	Ratio	Lower	Upper
107	100		
108	117.0	91.7	137.5
77	78.5	33.8	50.8#
79	67.7	33.8	50.8#



#18

Hexachloroethane

Concen: 35.501 ng

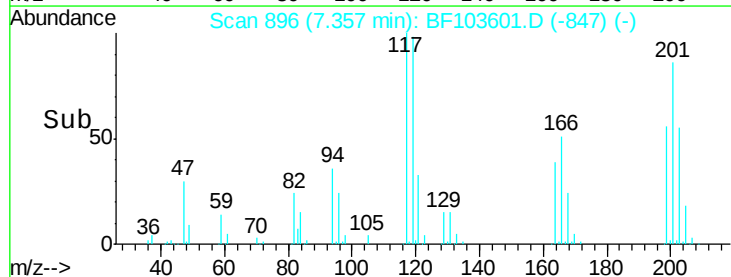
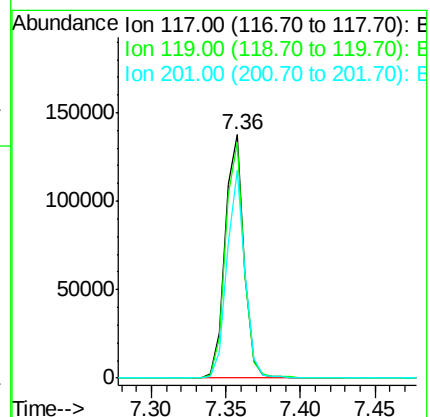
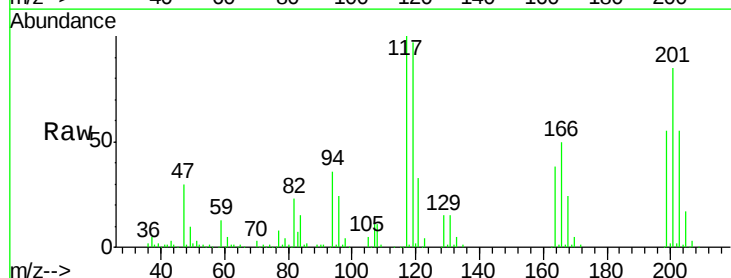
RT: 7.36 min Scan# 896

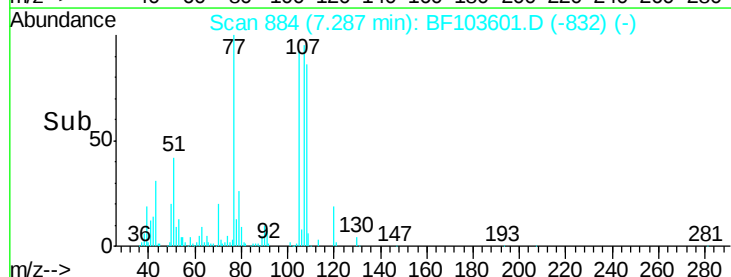
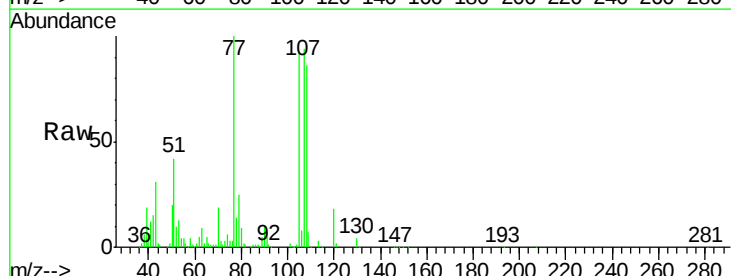
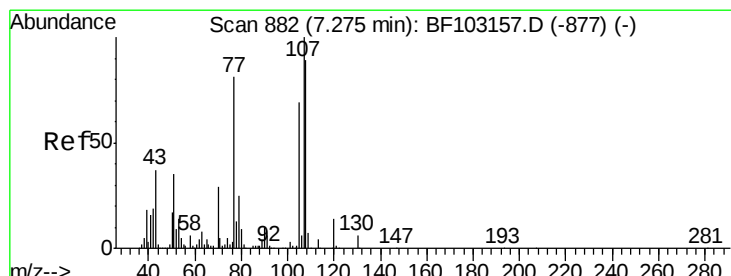
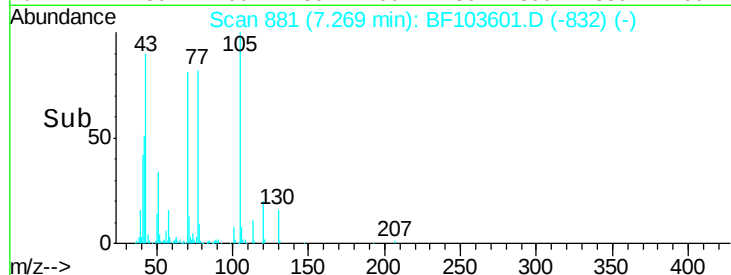
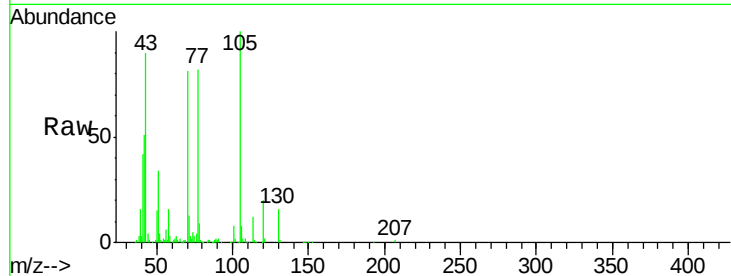
Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Tgt Ion:	117	Resp:	122912
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	85.1	75.7	113.5

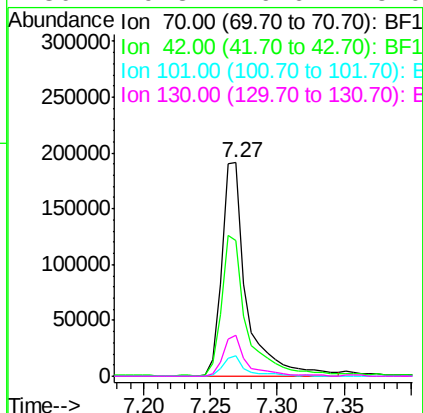




#19
n-Nitroso-di-n-propylamine
Concen: 41.460 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

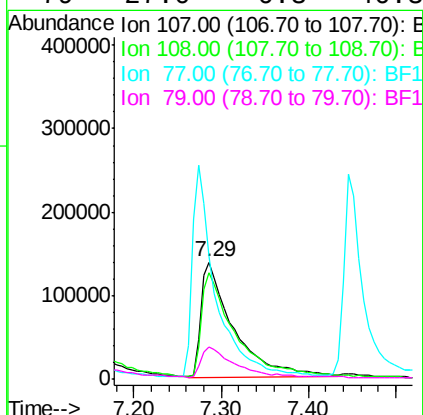
Instrument :
BNA_F
ClientSampleId :

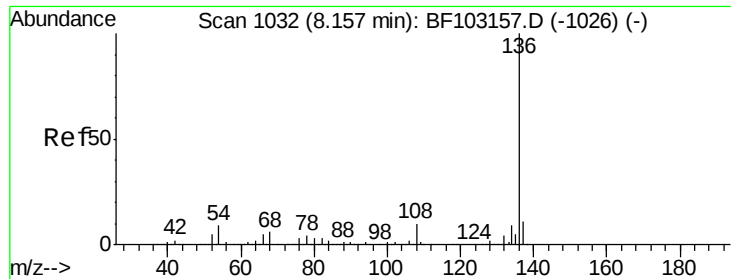
Tot Ion: 70 Resp: 252301
Ion Ratio Lower Upper
70 100
42 63.2 47.5 71.3
101 9.8 7.4 11.2
130 19.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.198 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion: 107 Resp: 360451
Ion Ratio Lower Upper
107 100
108 90.8 68.2 108.2
77 106.0 26.7 66.7#
79 27.0 6.3 46.3

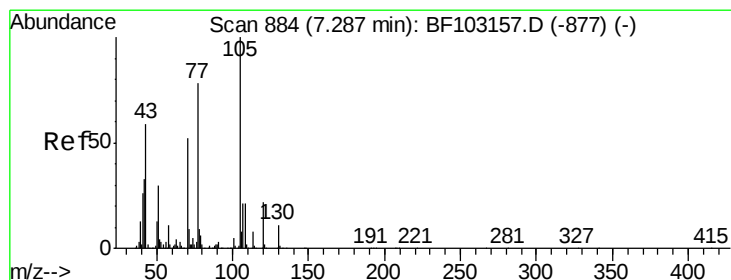
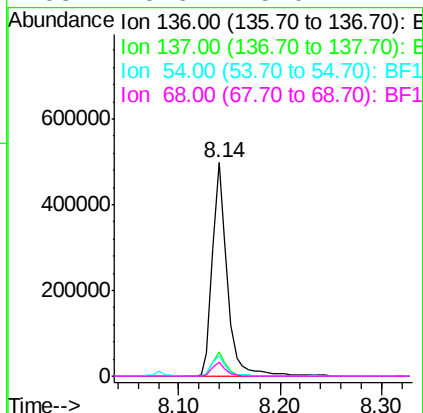
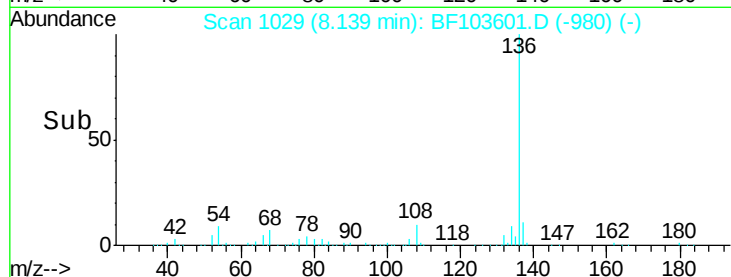
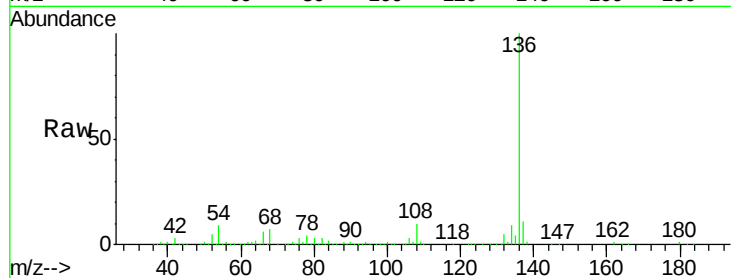




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

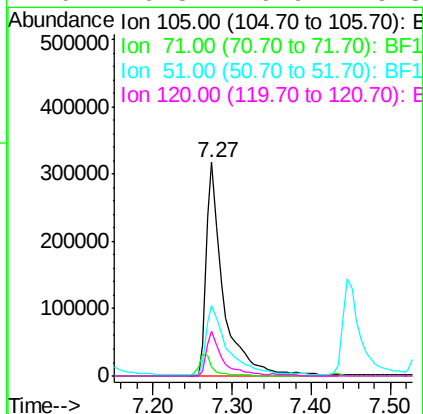
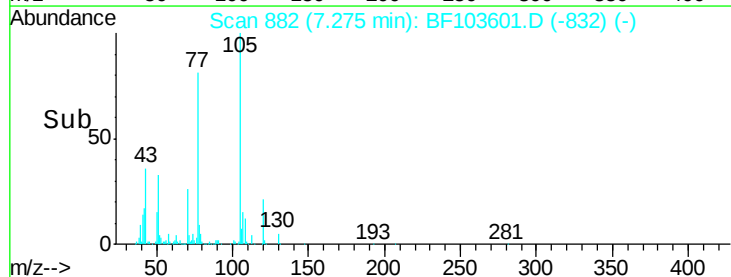
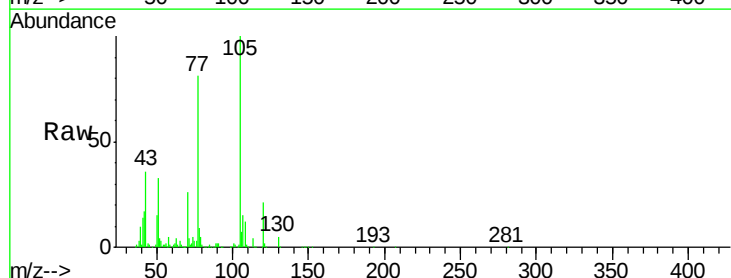
Instrument :
BNA_F
ClientSampleId :

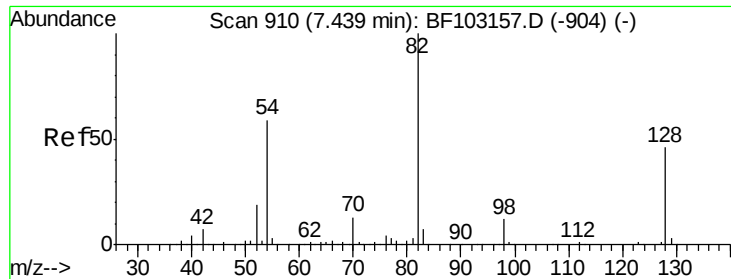
Tot Ion:136	Resp:	513414
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 9.4	6.6	9.8
68 6.6	5.0	7.4



#22
Acetophenone
Concen: 40.242 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt	Ion:105	Resp:	482259
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.4	6.6#
51	33.2	22.3	33.5
120	20.8	16.9	25.3

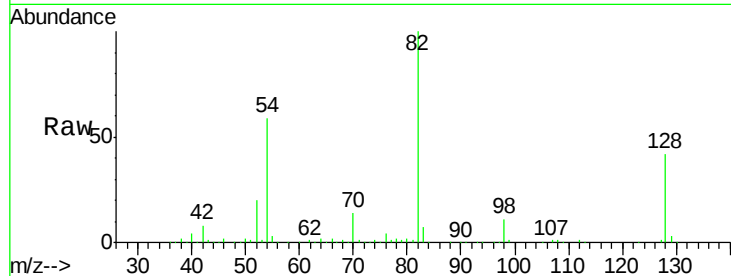




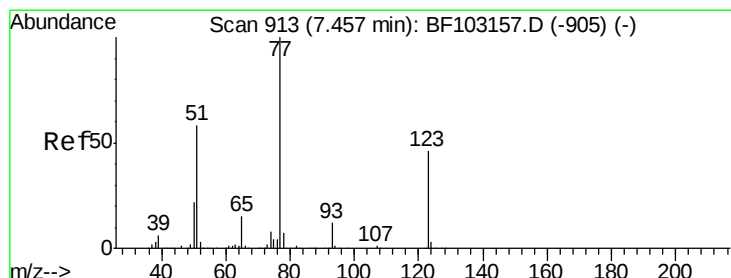
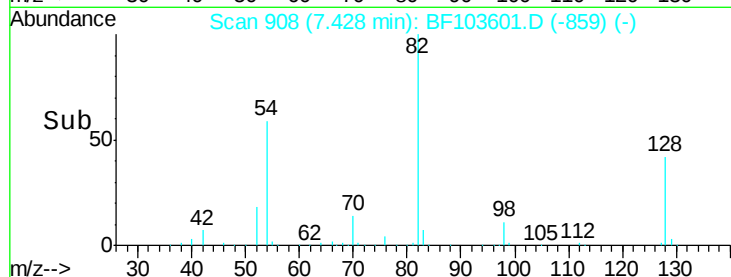
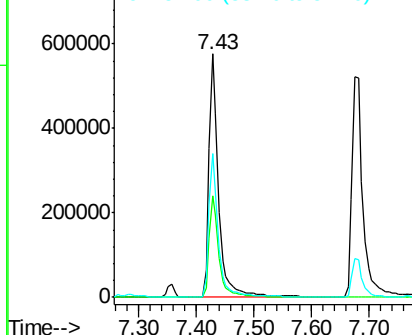
#23
Nitrobenzene-d5
Concen: 78.033 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 701529
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 59.3 41.4 62.2

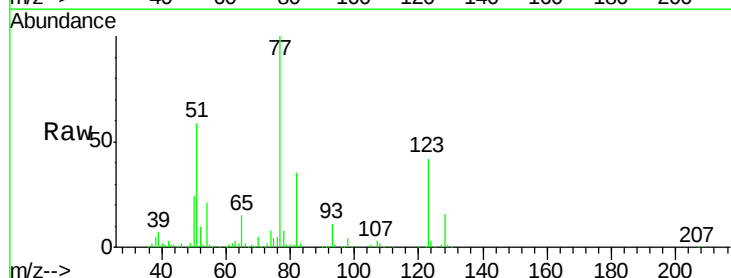


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

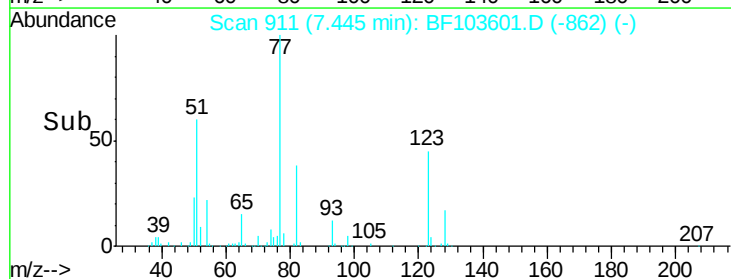
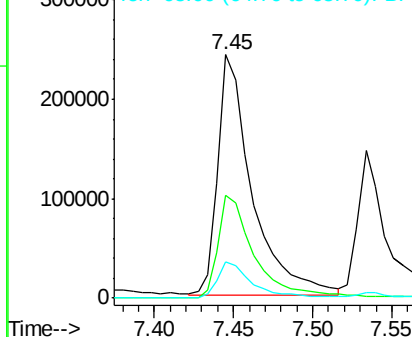


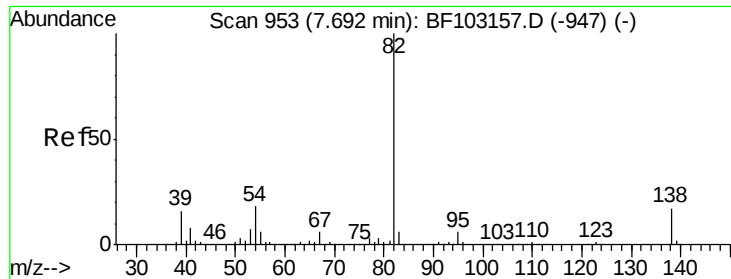
#24
Nitrobenzene
Concen: 36.935 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion: 77 Resp: 365592
Ion Ratio Lower Upper
77 100
123 42.2 37.9 56.9
65 14.9 11.0 16.4



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





#25

Isophorone

Concen: 39.501 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

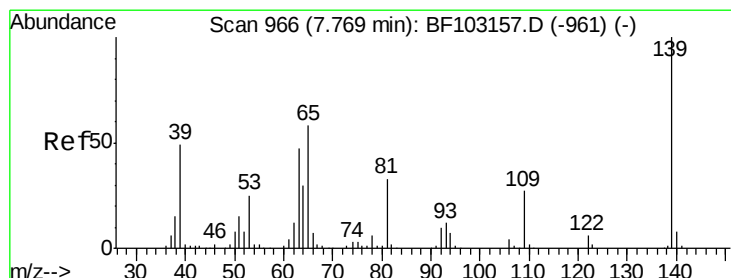
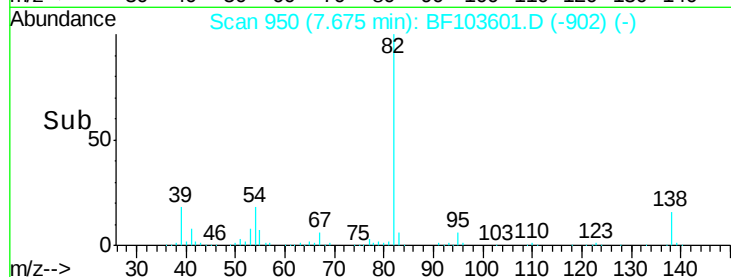
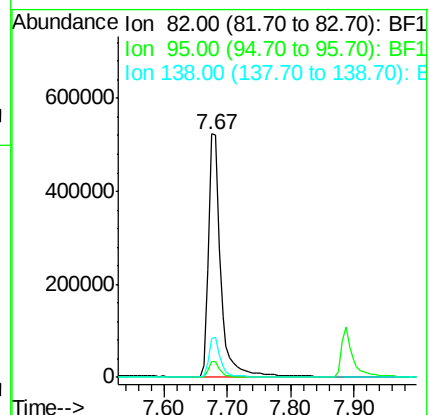
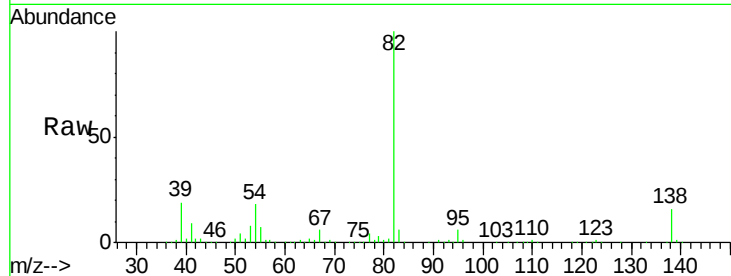
Tot Ion: 82 Resp: 699417

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 15.8 14.9 22.3



#26

2-Nitrophenol

Concen: 38.184 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

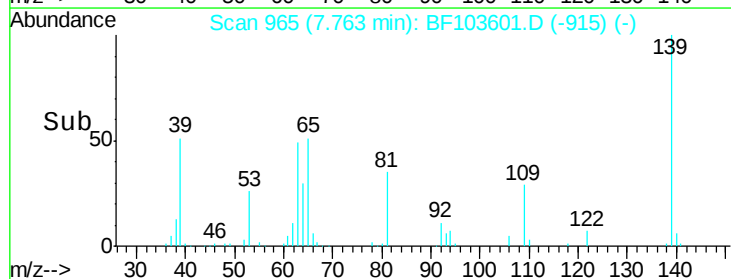
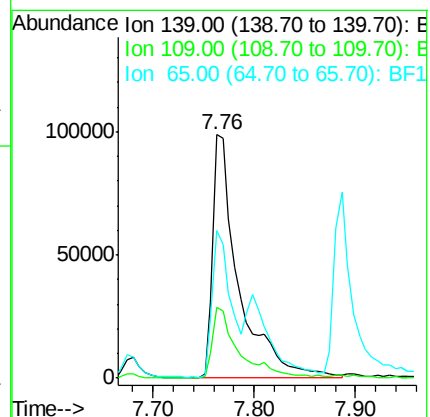
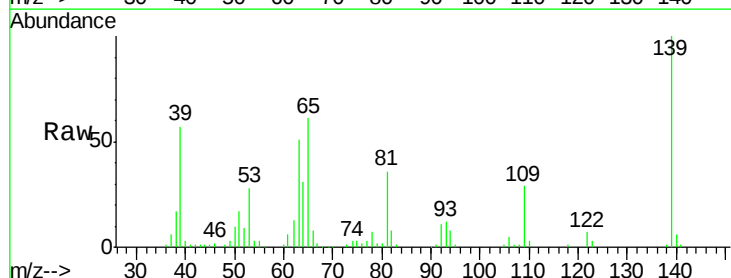
Tgt Ion: 139 Resp: 177926

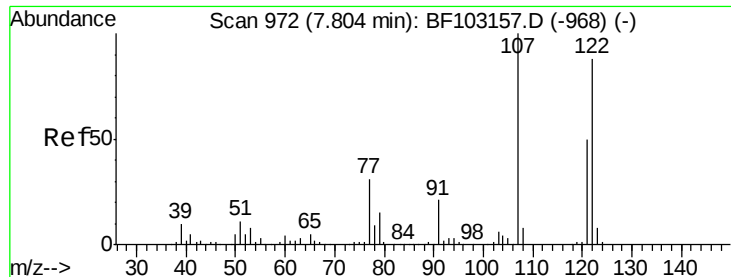
Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

65 60.9 40.5 60.7#

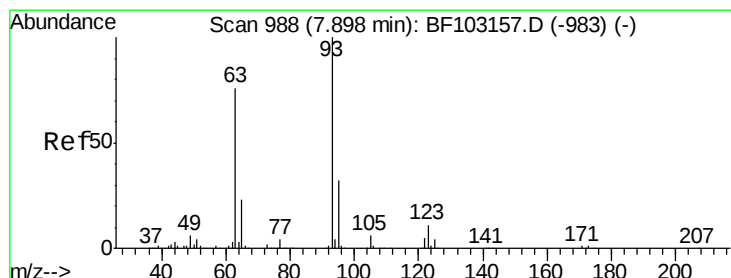
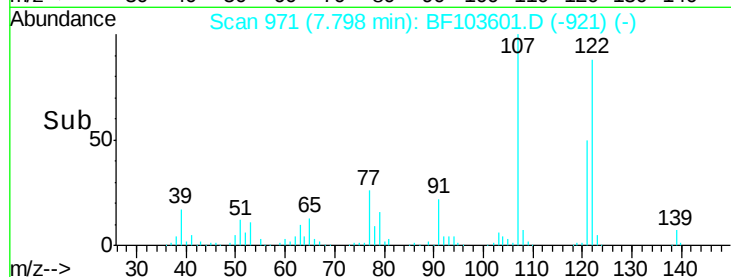
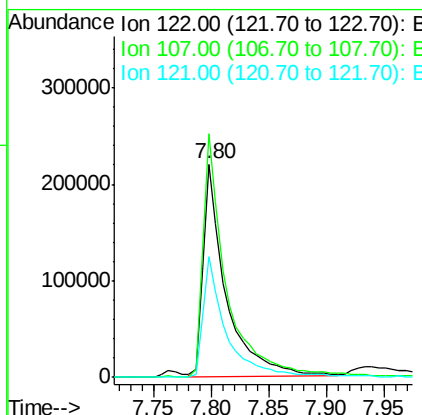
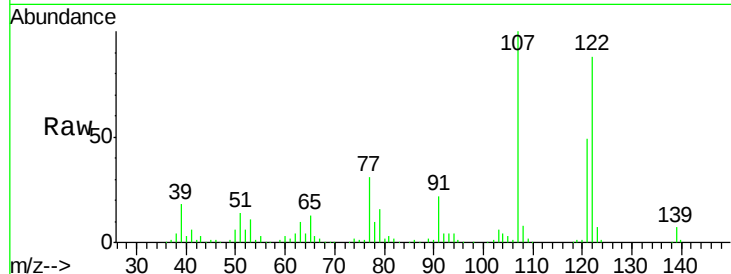




#27
 2,4-Dimethylphenol
 Concen: 43.428 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

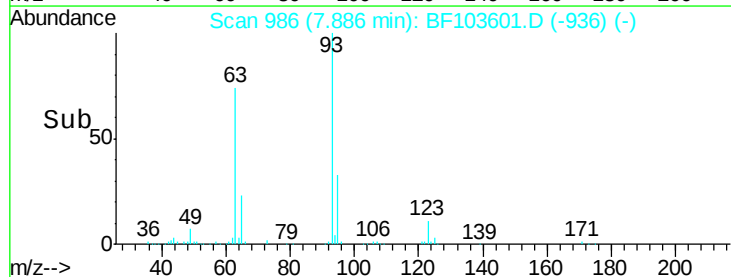
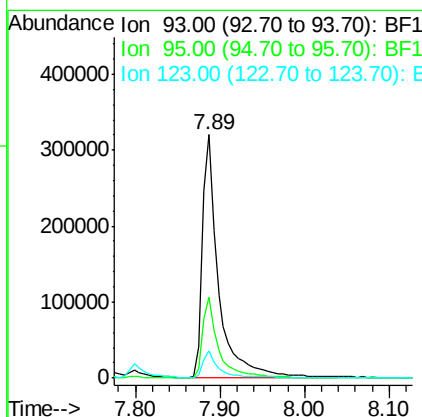
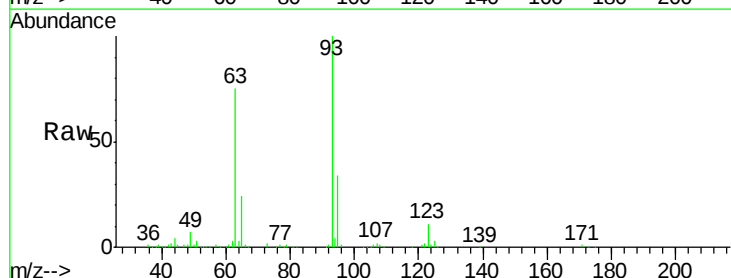
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 309315
 Ion Ratio Lower Upper
 122 100
 107 114.2 91.2 136.8
 121 56.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.736 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion: 93 Resp: 424067
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 11.0 9.8 14.6

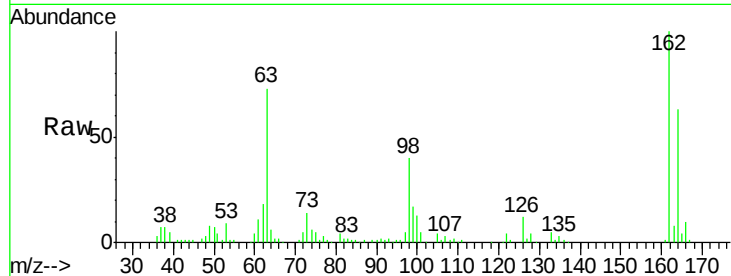




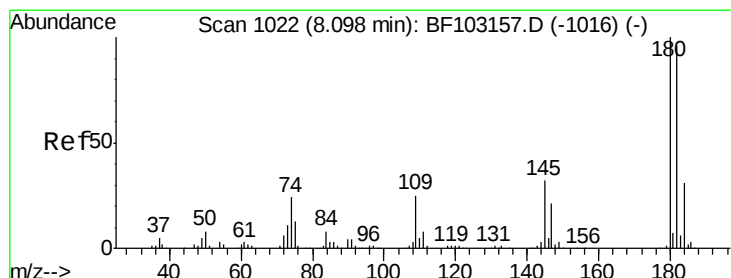
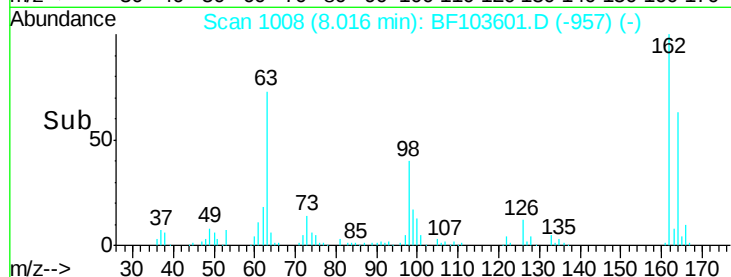
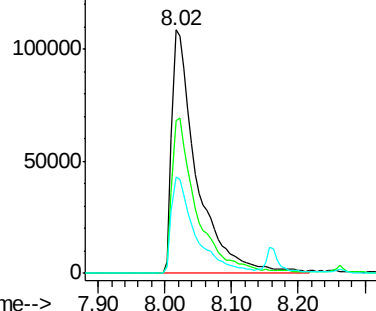
#29
 2,4-Dichlorophenol
 Concen: 40.998 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 279570
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.7 82.7
 98 39.8 18.1 58.1

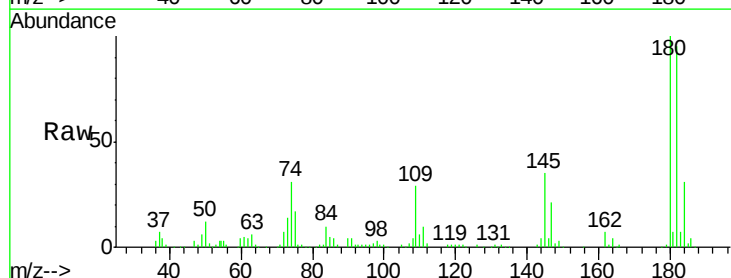


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

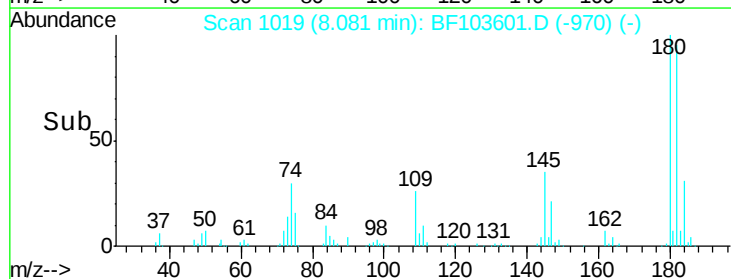
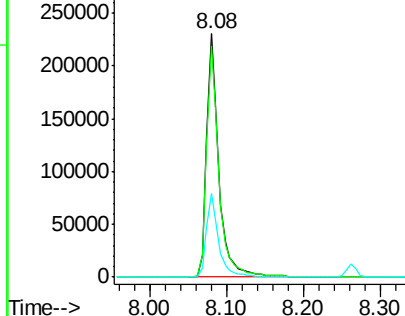


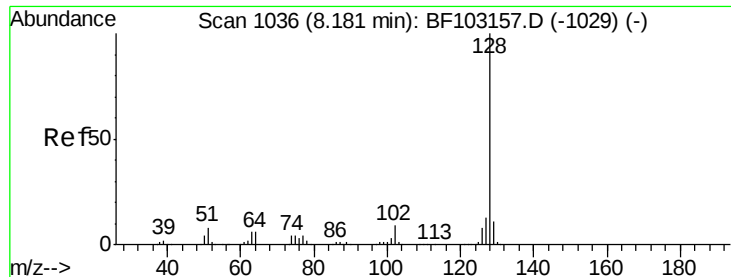
#30
 1,2,4-Trichlorobenzene
 Concen: 35.214 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:180 Resp: 255715
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.8 115.2
 145 34.5 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

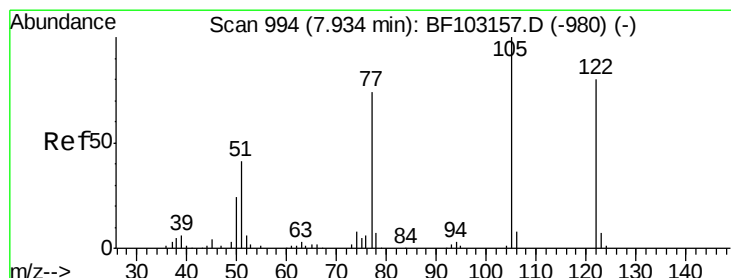
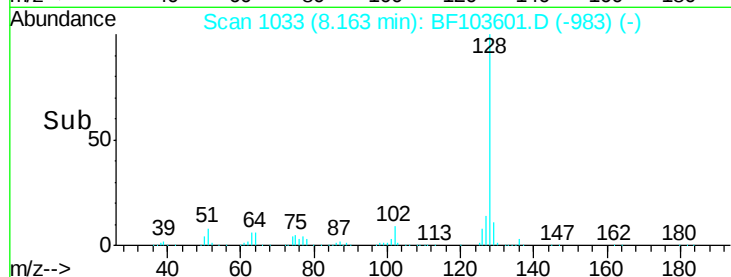
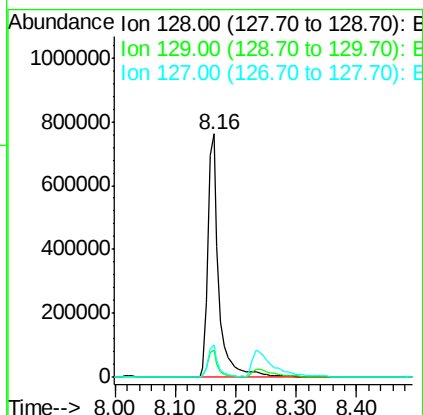
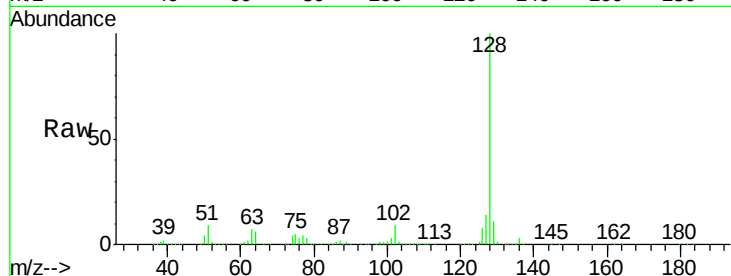




#31
Naphthalene
Concen: 38.558 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

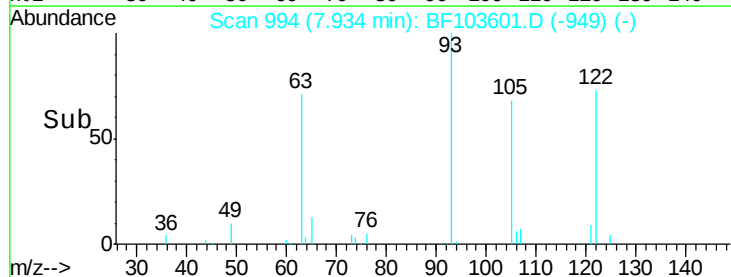
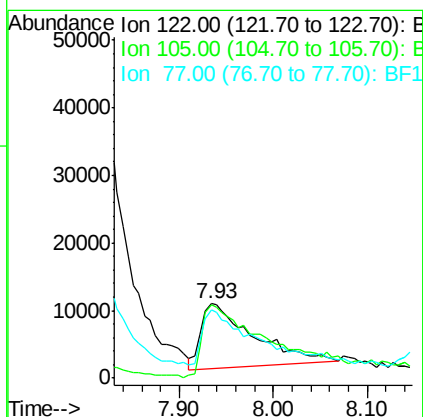
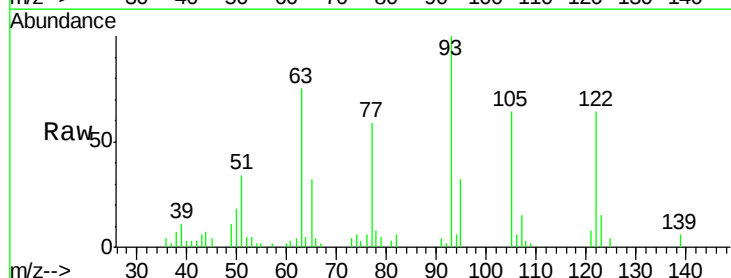
Instrument :
BNA_F
ClientSampleId :

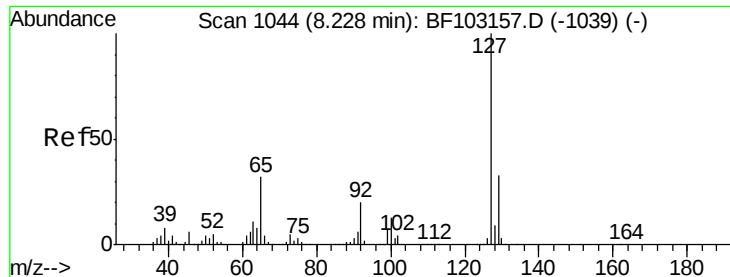
Tot Ion:128 Resp: 969184
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 12.887 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:122 Resp: 36876
Ion Ratio Lower Upper
122 100
105 99.4 101.1 141.1#
77 91.5 70.7 110.7

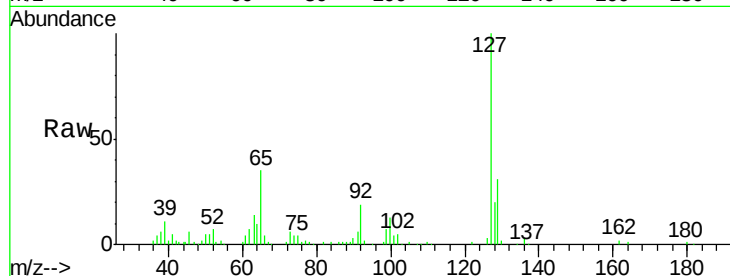




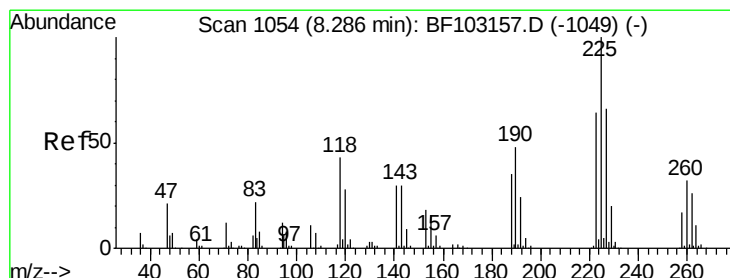
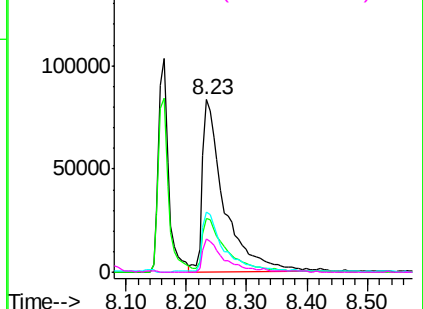
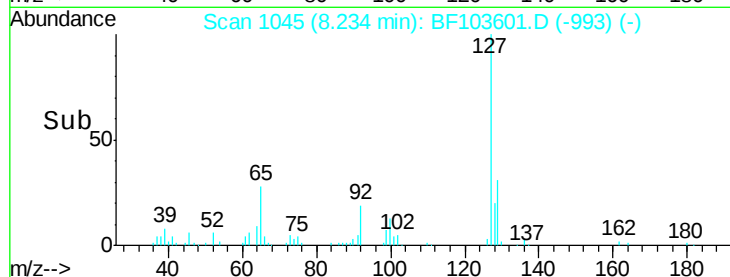
#33
4-Chloroaniline
Concen: 19.493 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	211432
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	34.8	25.0	37.4
92	19.1	15.2	22.8

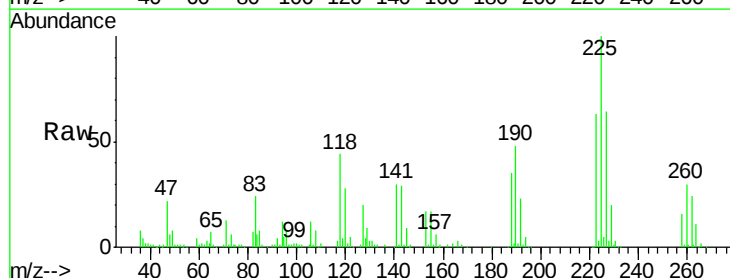


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

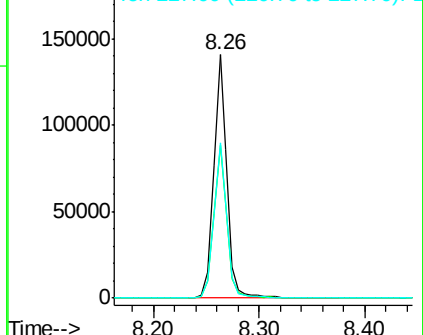
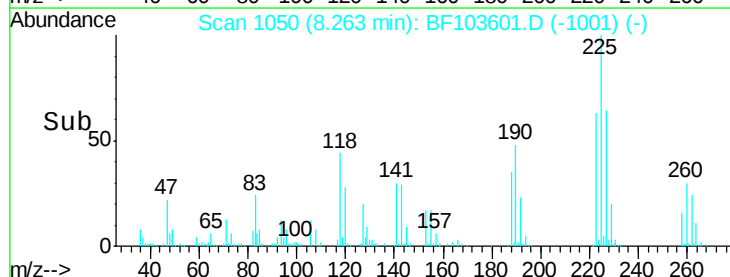


#34
Hexachlorobutadiene
Concen: 33.132 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:	225	Resp:	125288
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.9	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

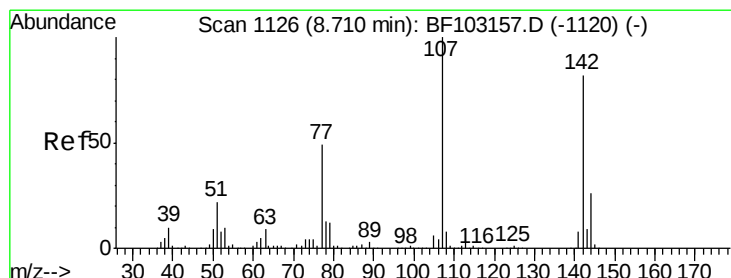
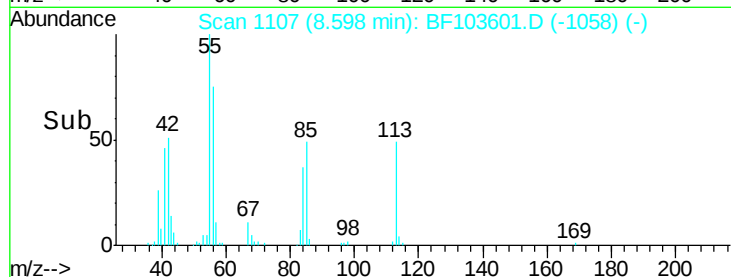
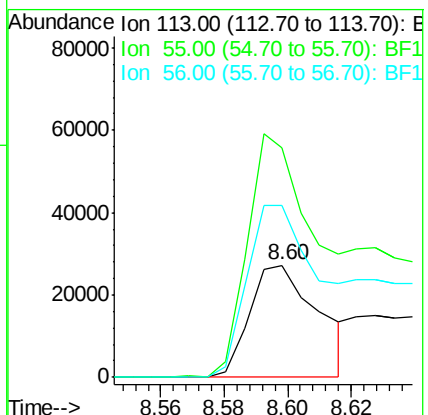
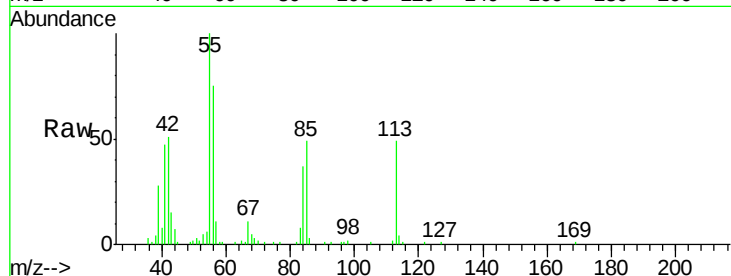




#35
Caprolactam
Concen: 17.004 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

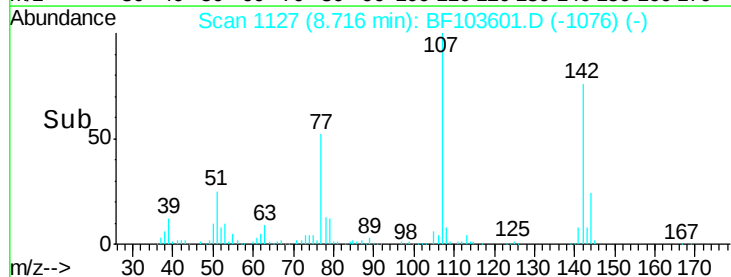
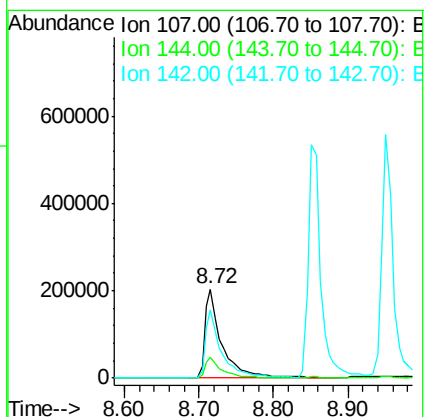
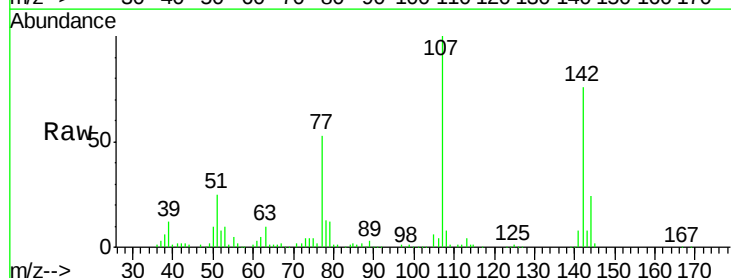
Instrument :
BNA_F
ClientSampleID :

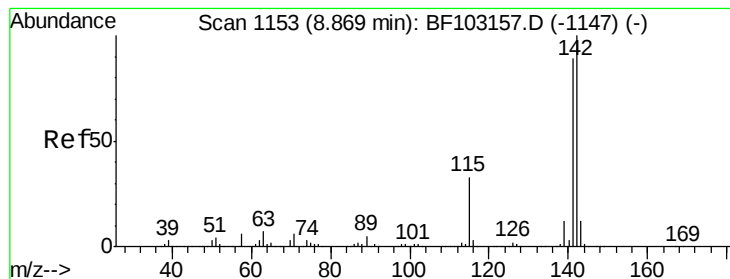
Tot Ion:113 Resp: 40752
Ion Ratio Lower Upper
113 100
55 204.0 163.3 203.3#
56 153.0 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 42.360 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:107 Resp: 325811
Ion Ratio Lower Upper
107 100
144 24.1 20.5 30.7
142 76.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.236 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

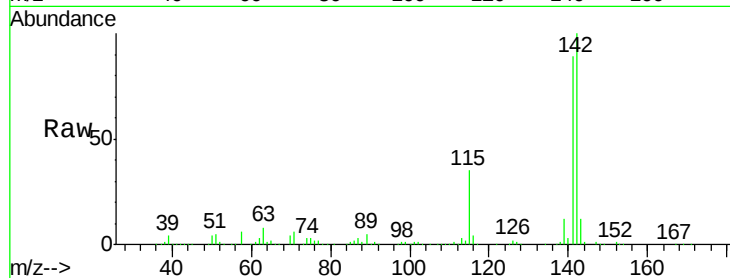
Tot Ion:142 Resp: 621135

Ion Ratio Lower Upper

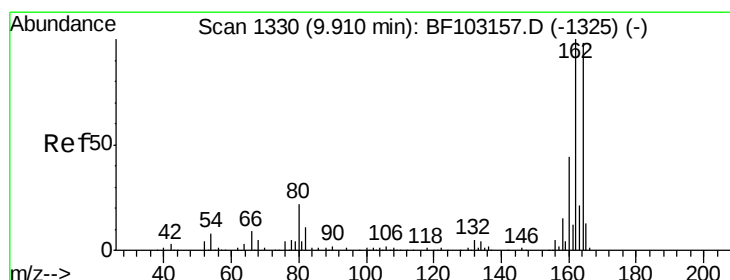
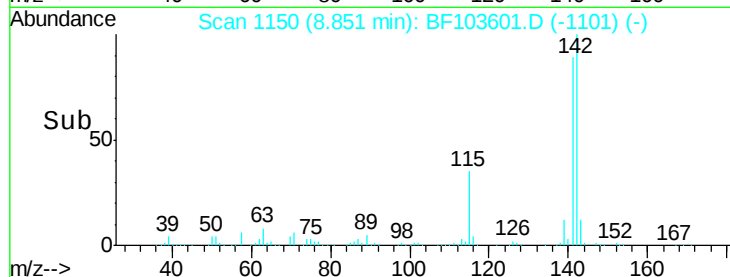
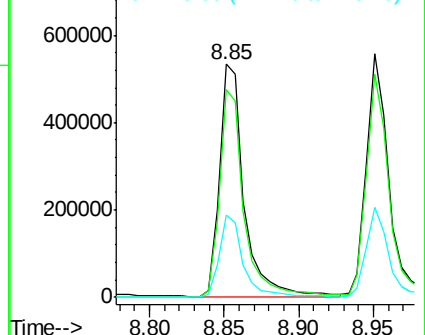
142 100

141 89.4 70.8 106.2

115 35.2 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

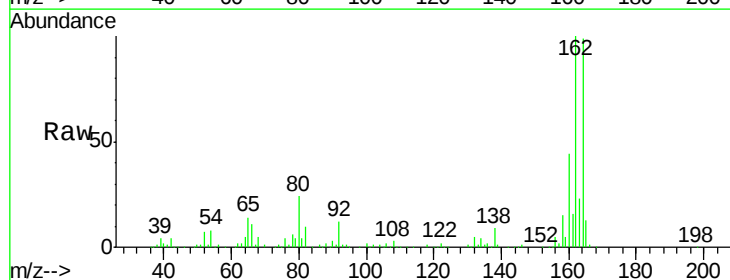
Tgt Ion:164 Resp: 238058

Ion Ratio Lower Upper

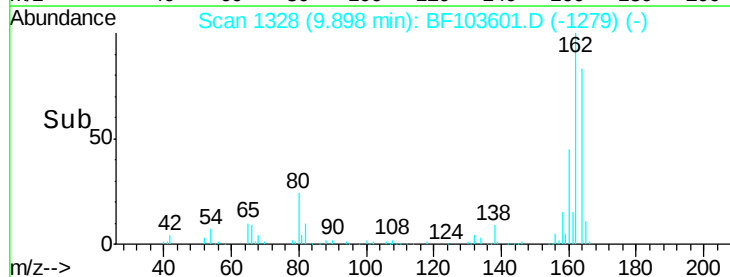
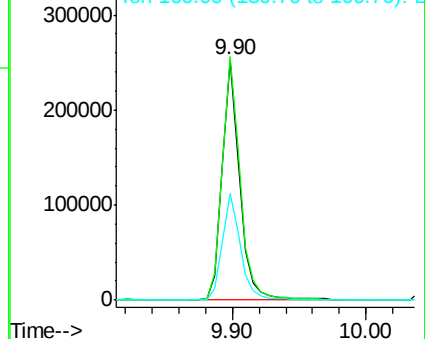
164 100

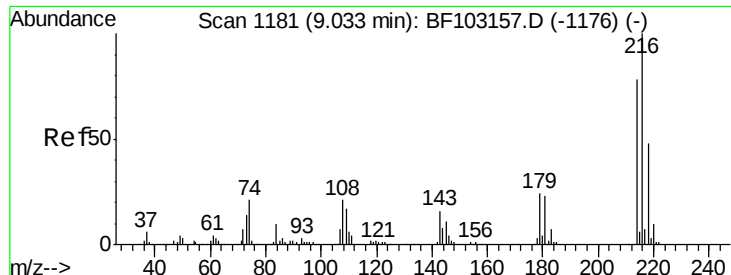
162 101.4 86.1 129.1

160 44.4 38.3 57.5



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

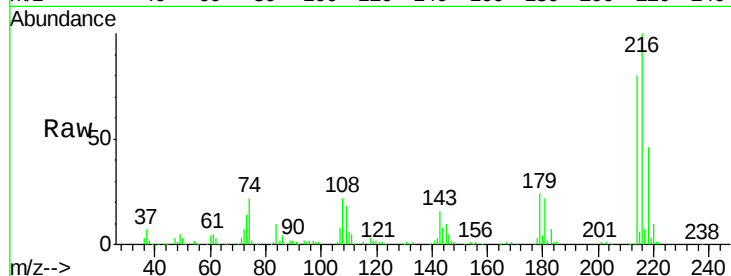




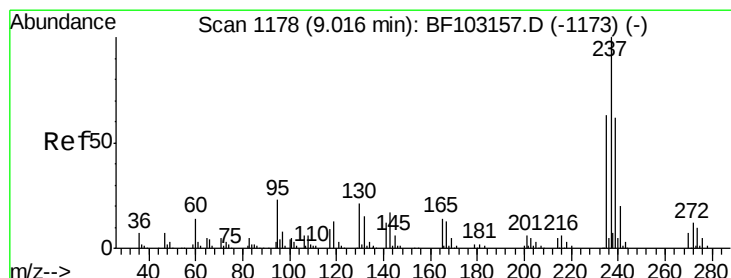
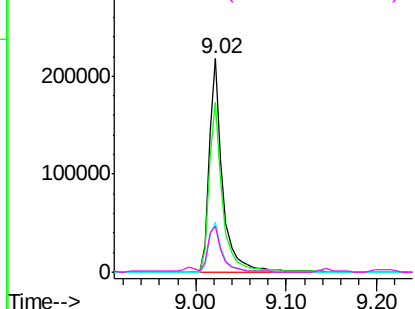
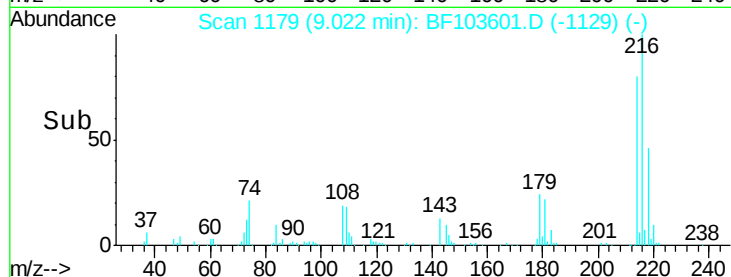
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.044 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 228066
 Ion Ratio Lower Upper
 216 100
 214 80.6 63.0 94.4
 179 24.0 18.1 27.1
 108 25.5 17.2 25.8

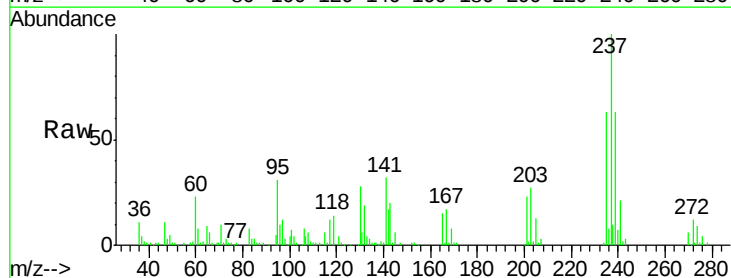


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

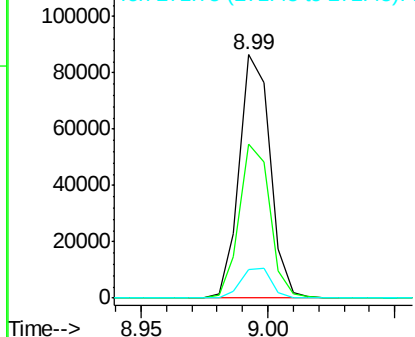
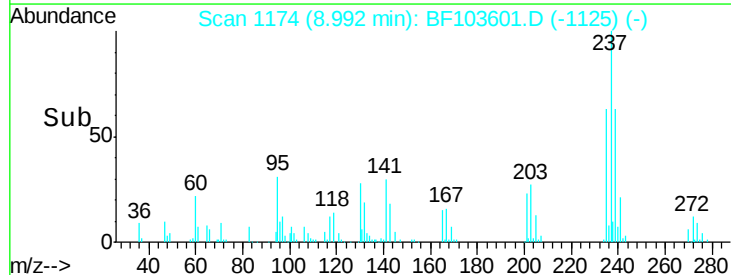


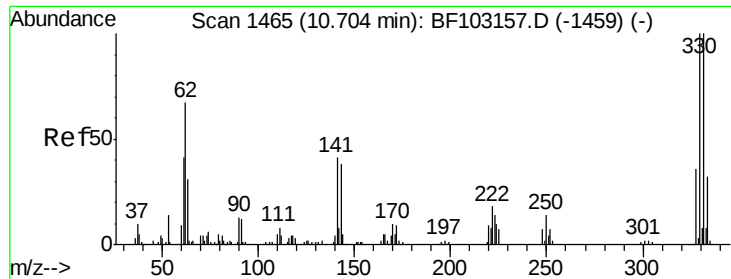
#40
 Hexachlorocyclopentadiene
 Concen: 37.317 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:237 Resp: 73376
 Ion Ratio Lower Upper
 237 100
 235 63.2 44.8 84.8
 272 11.7 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

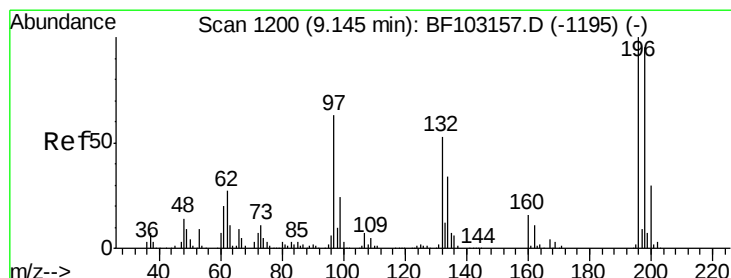
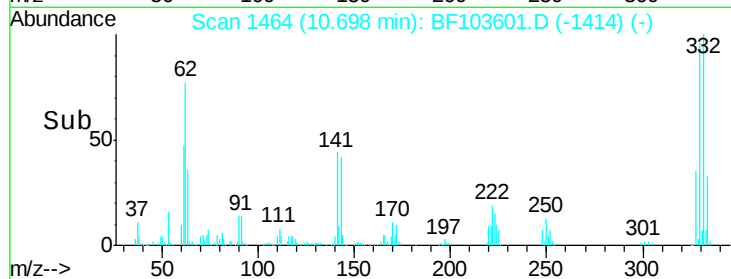
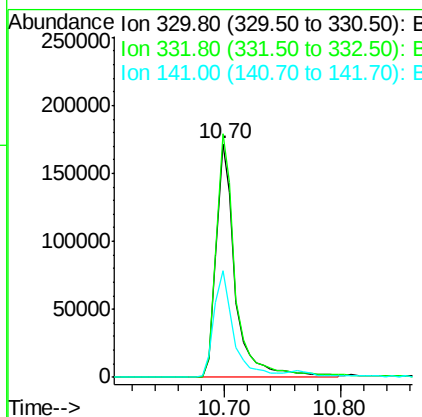
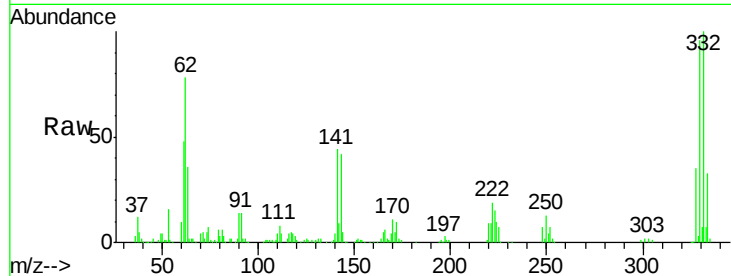




#41
 2,4,6-Tribromophenol
 Concen: 98.194 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

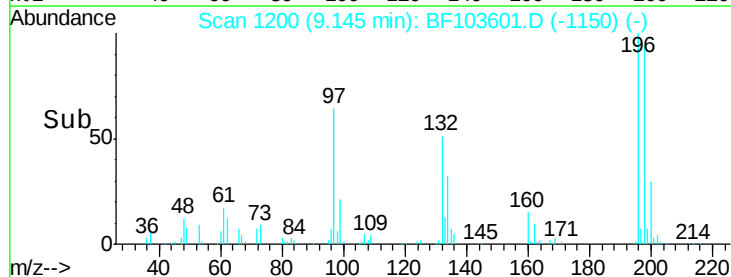
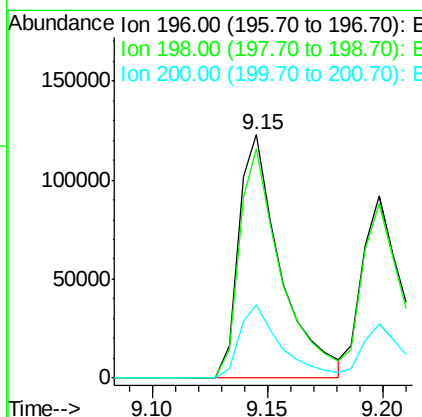
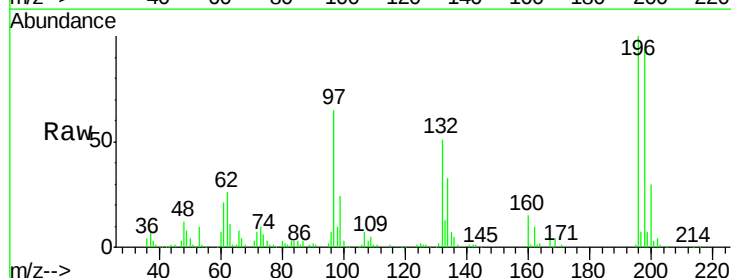
Instrument :
 BNA_F
 ClientSampled :

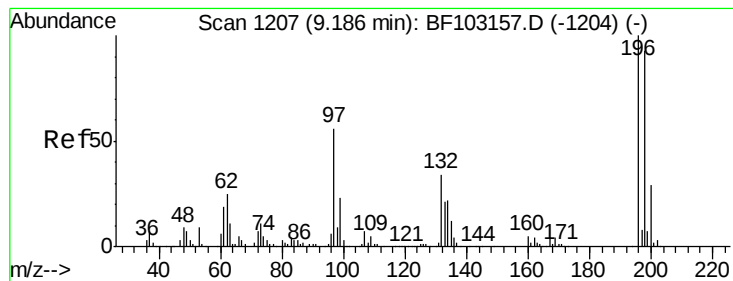
Tot Ion:330 Resp: 197863
 Ion Ratio Lower Upper
 330 100
 332 105.9 77.0 115.6
 141 47.0 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 35.218 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:196 Resp: 154222
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 29.9 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 33.603 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 169247

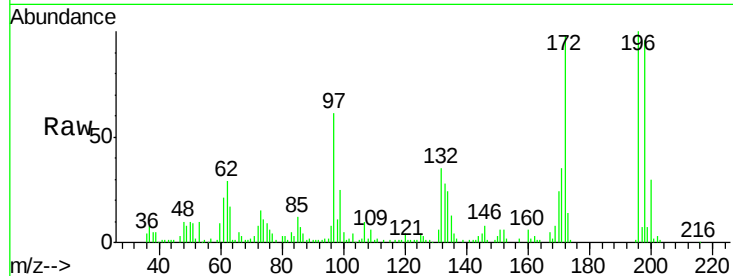
Ion Ratio Lower Upper

196 100

198 95.5 74.6 112.0

97 61.2 42.9 64.3

132 35.4 26.3 39.5

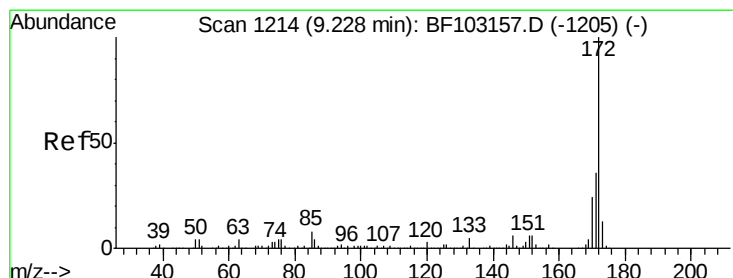
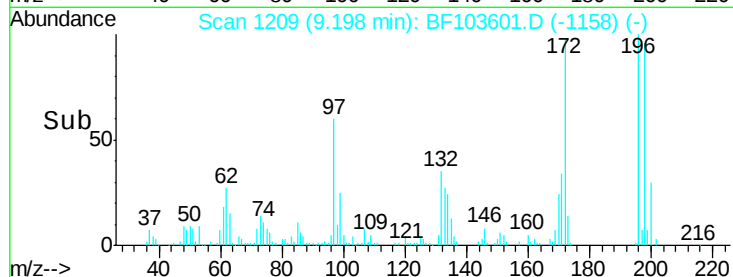
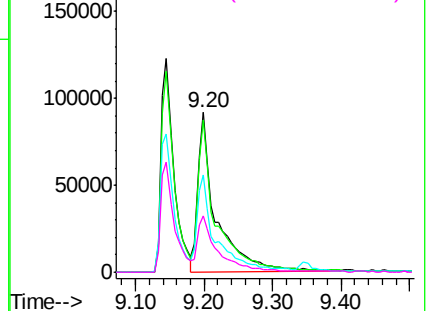


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 73.156 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

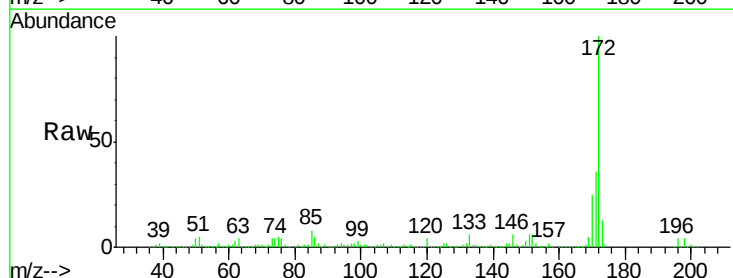
Tgt Ion:172 Resp: 1045378

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

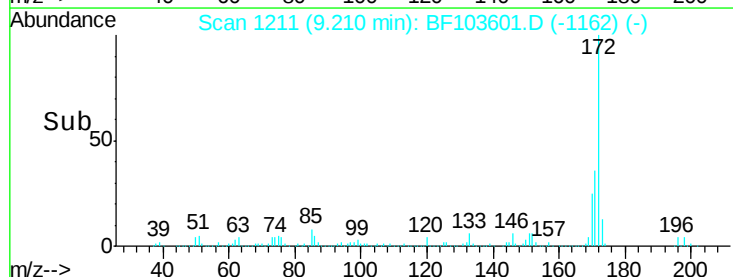
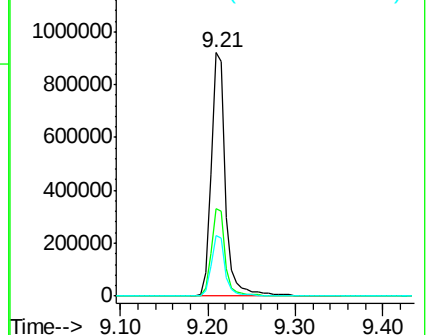
170 24.7 19.6 29.4

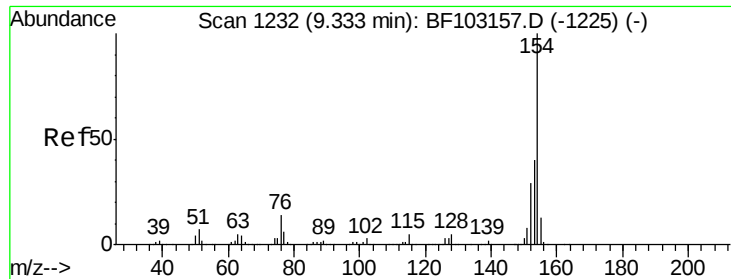


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.722 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

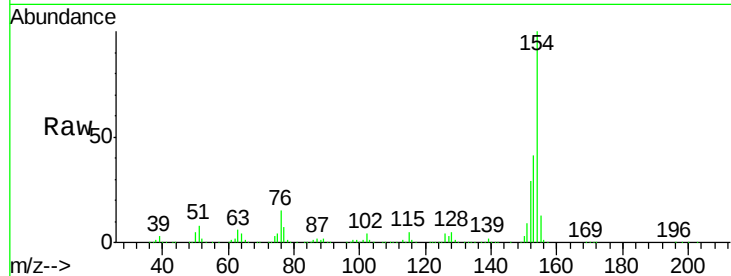
Tot Ion:154 Resp: 712591

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

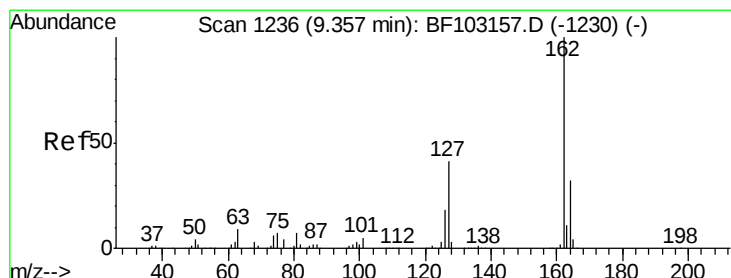
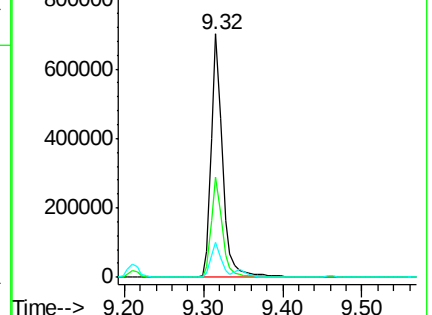
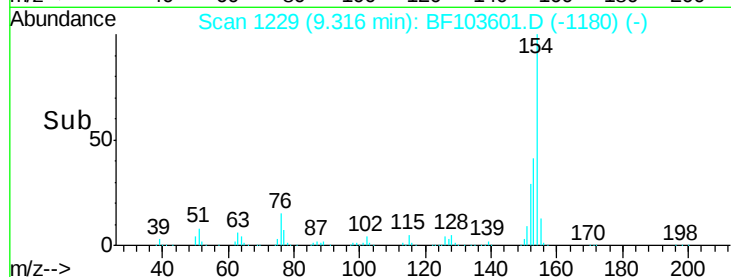
76 14.5 0.0 34.0



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: 35.764 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

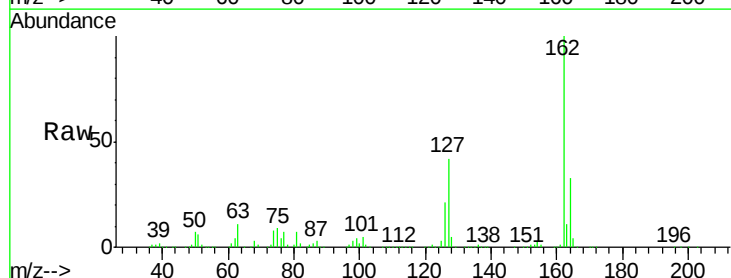
Tgt Ion:162 Resp: 564422

Ion Ratio Lower Upper

162 100

127 42.3 33.9 50.9

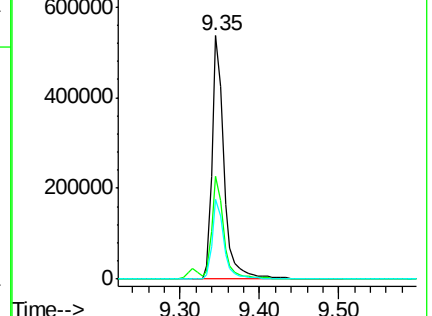
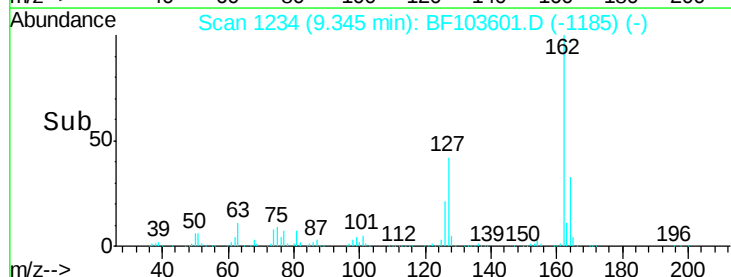
164 32.6 26.5 39.7

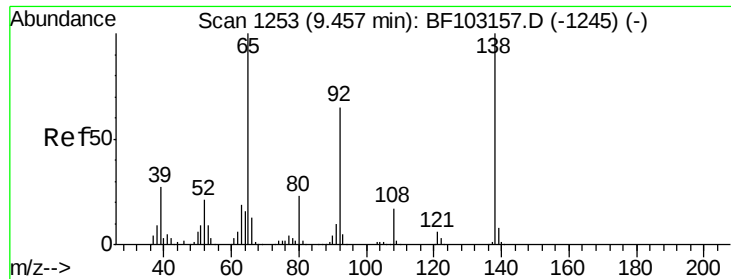


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

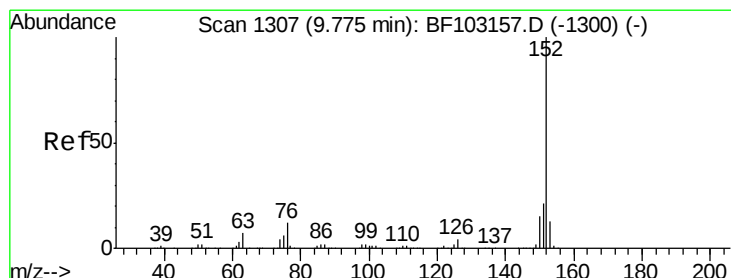
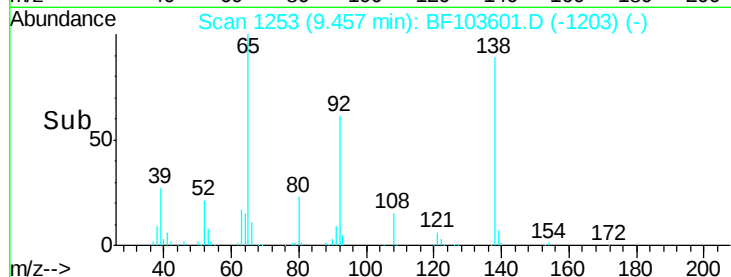
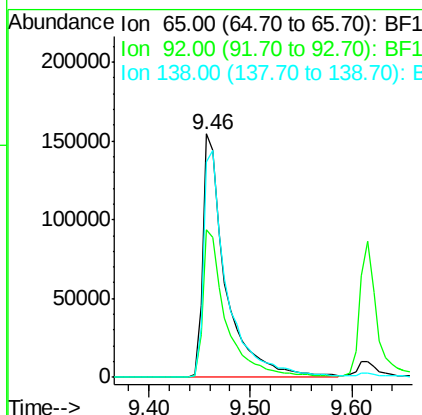
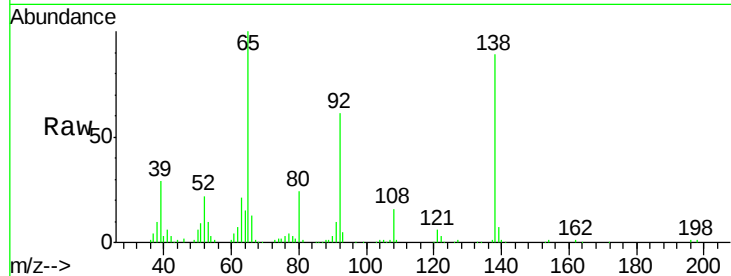




#47
2-Nitroaniline
Concen: 41.424 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

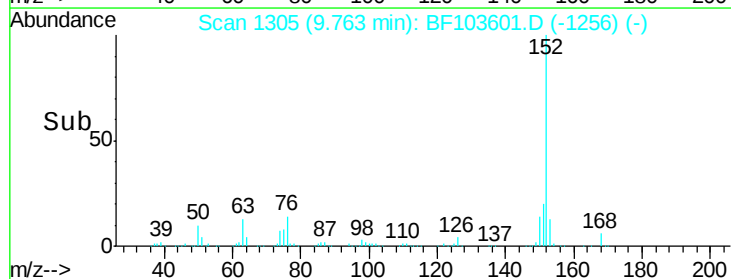
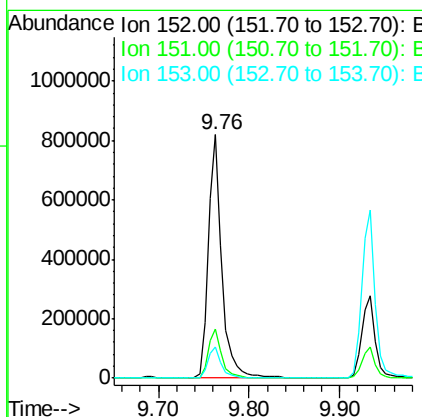
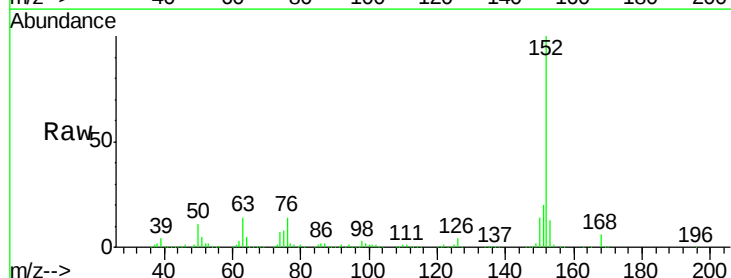
Instrument :
BNA_F
ClientSampleId :

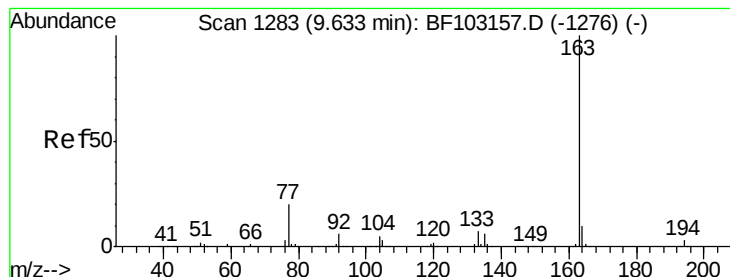
Tot Ion: 65 Resp: 242157
Ion Ratio Lower Upper
65 100
92 60.9 55.8 83.6
138 88.6 91.2 136.8#



#48
Acenaphthylene
Concen: 35.544 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion: 152 Resp: 863072
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 34.601 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

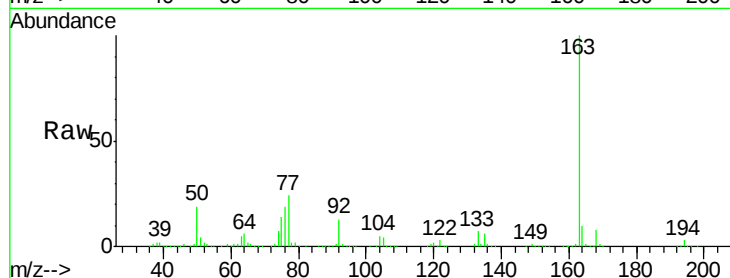
Tot Ion:163 Resp: 660792

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

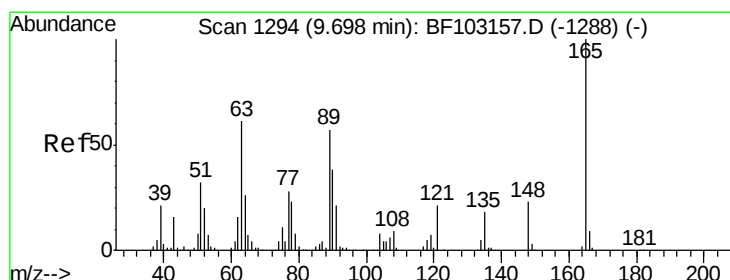
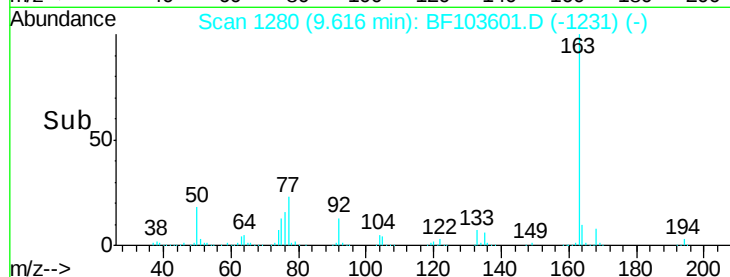
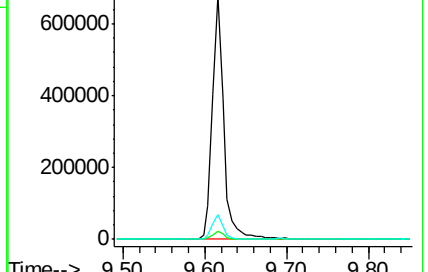
164 10.2 8.2 12.2



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: 36.103 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

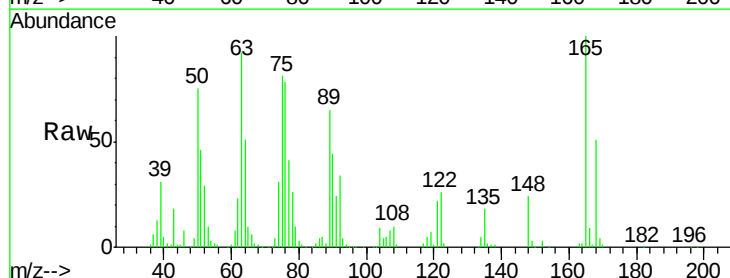
Tgt Ion:165 Resp: 144687

Ion Ratio Lower Upper

165 100

63 92.4 44.7 67.1#

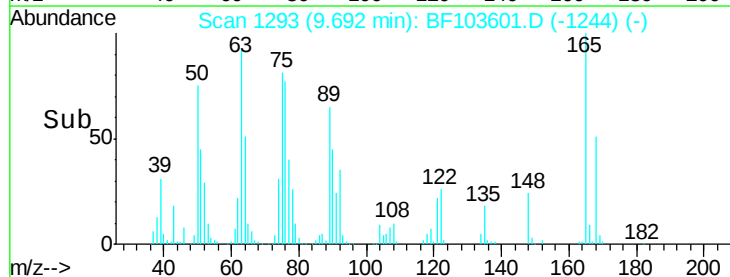
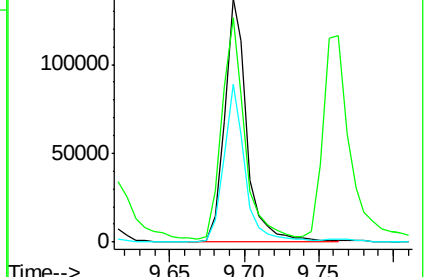
89 64.8 44.0 66.0

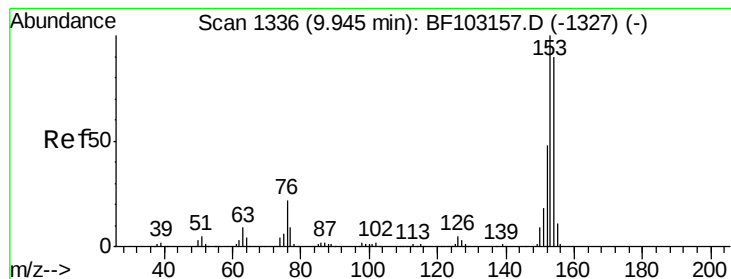


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.338 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

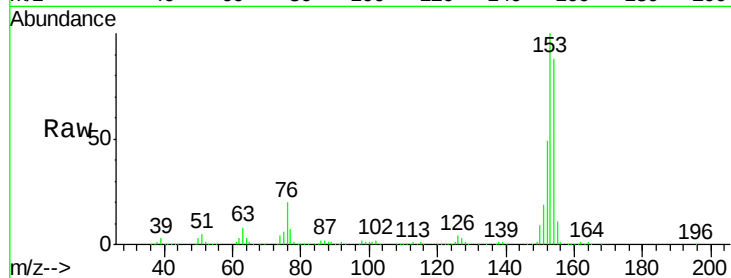
Tot Ion:154 Resp: 500353

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

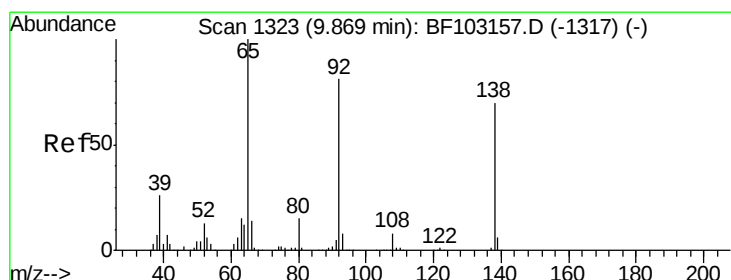
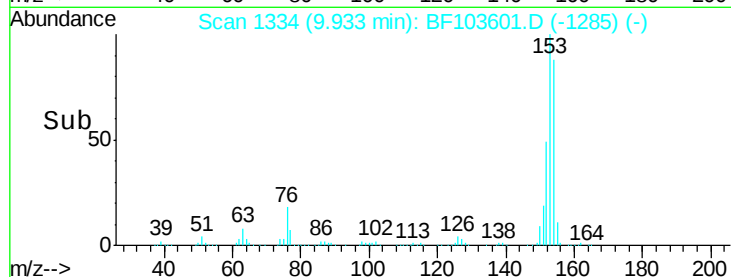
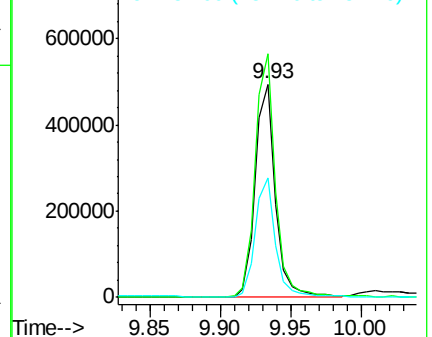
152 55.9 43.8 65.8



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: 24.458 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

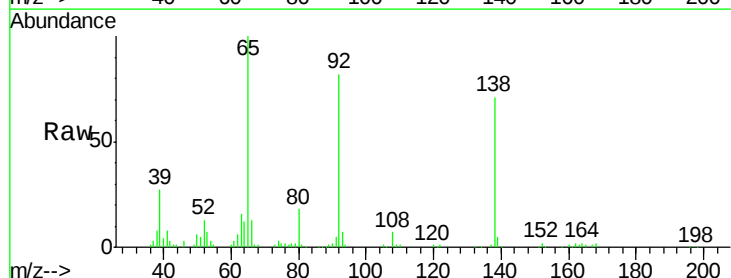
Tgt Ion:138 Resp: 124358

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.0

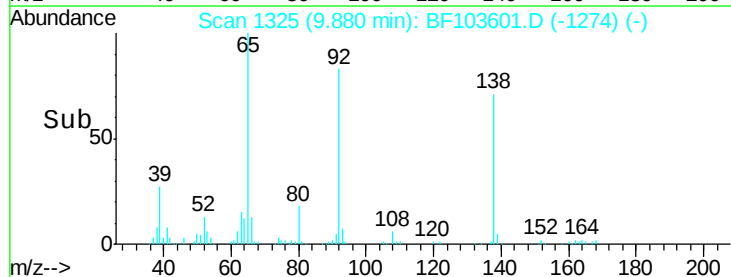
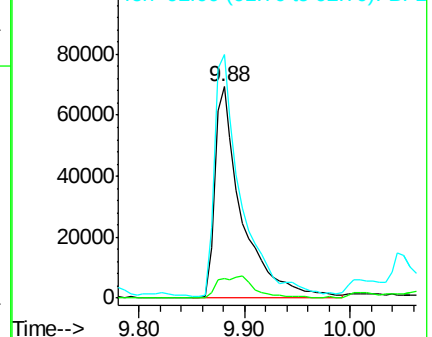
92 115.1 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

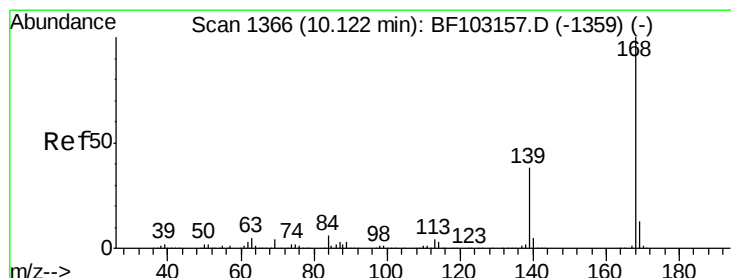
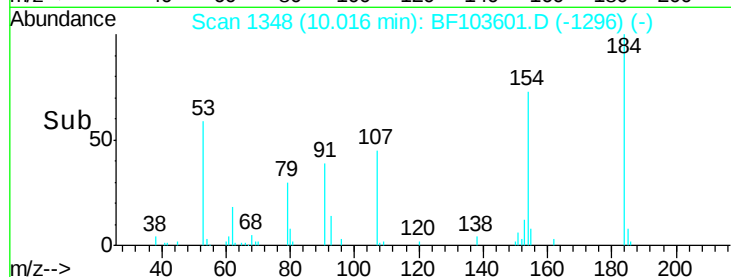
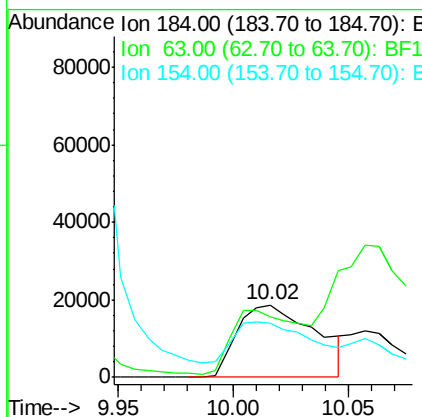
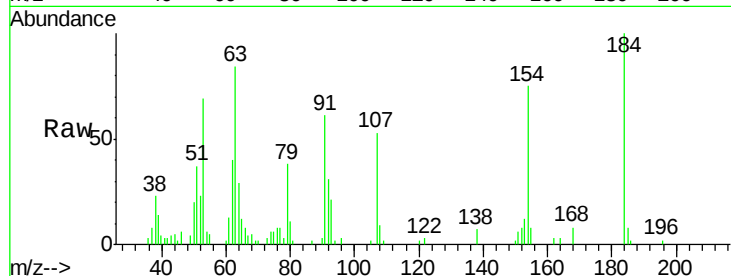




#53
2,4-Dinitrophenol
Concen: 36.212 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

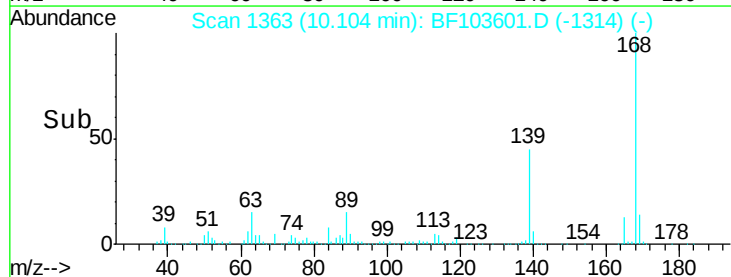
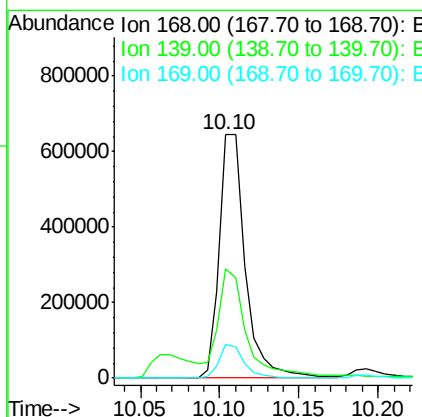
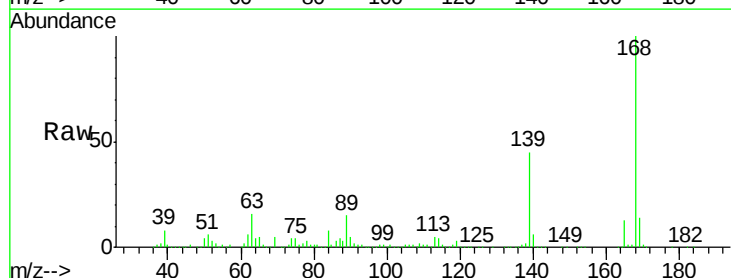
Instrument :
BNA_F
ClientSampleId :

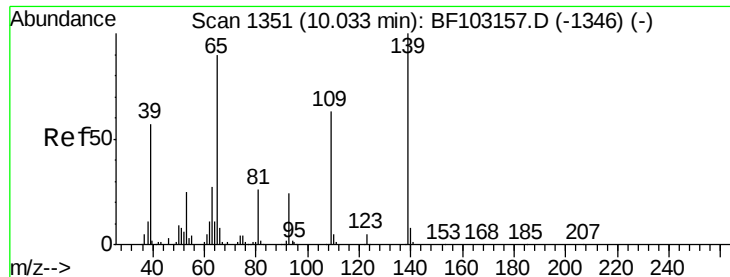
Tot Ion:184 Resp: 43756
Ion Ratio Lower Upper
184 100
63 83.7 54.2 81.2#
154 74.7 184.0 276.0#



#54
Dibenzofuran
Concen: 37.886 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:168 Resp: 736371
Ion Ratio Lower Upper
168 100
139 44.7 30.1 45.1
169 13.8 10.9 16.3

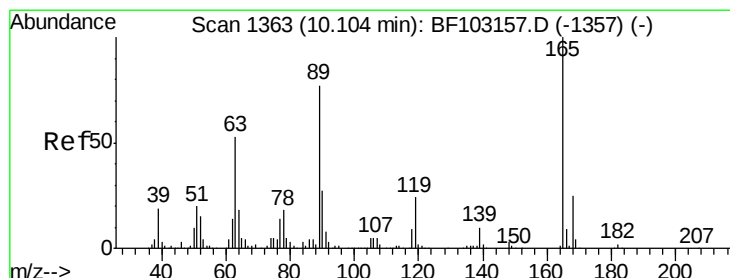
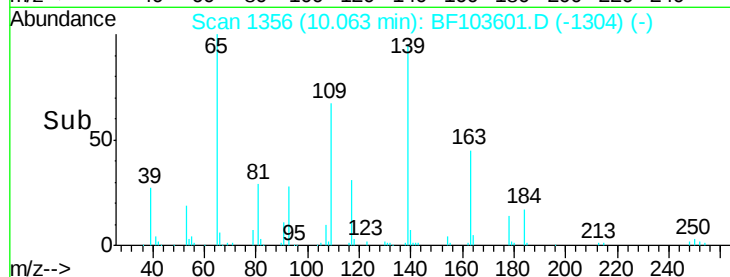
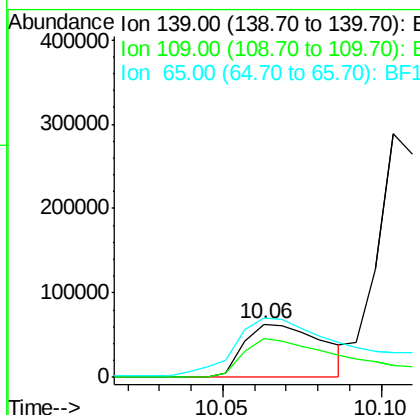
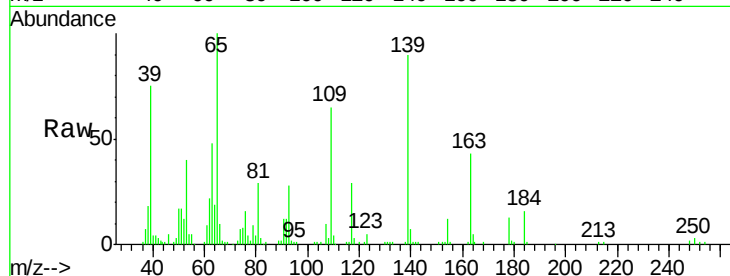




#55
4-Nitrophenol
Concen: 34.623 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

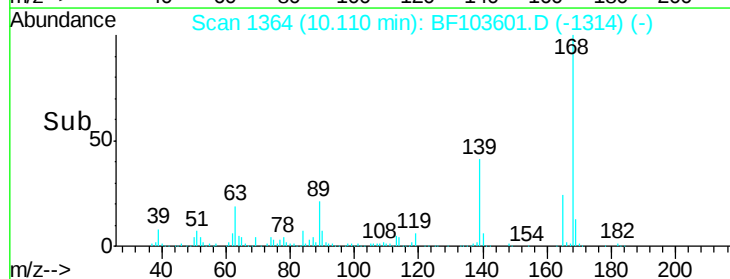
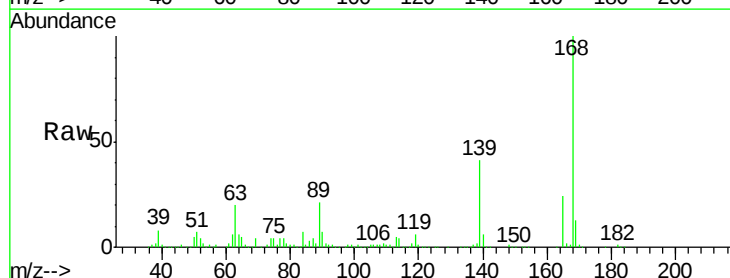
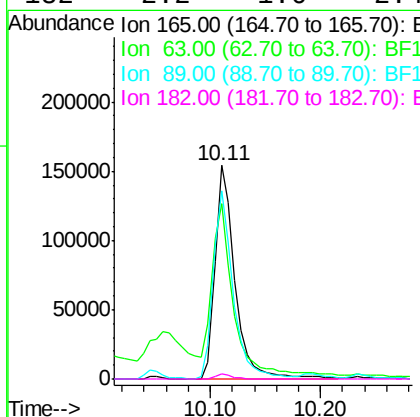
Instrument :
BNA_F
ClientSampled :

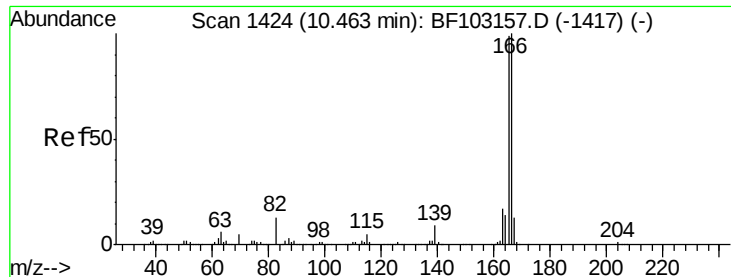
Tot Ion	Ratio	Lower	Upper
139	100		
109	72.8	48.4	88.4
65	111.1	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 37.918 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	82.2	36.4	54.6#
89	88.1	57.8	86.6#
182	2.2	1.6	2.4

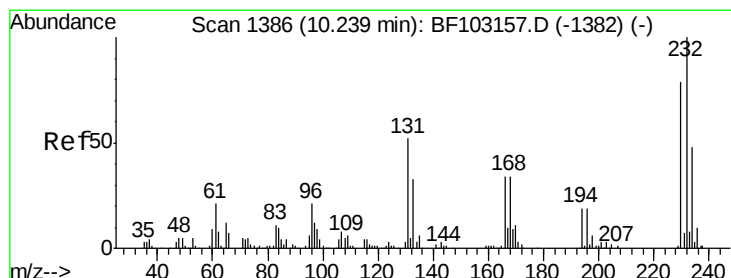
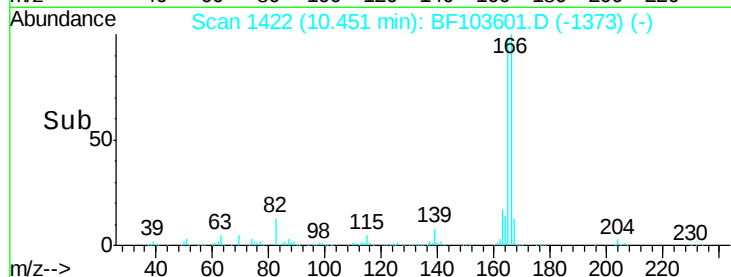
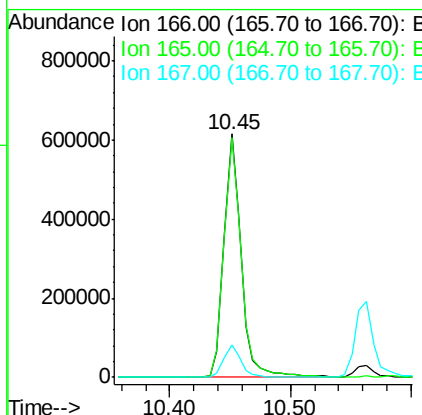
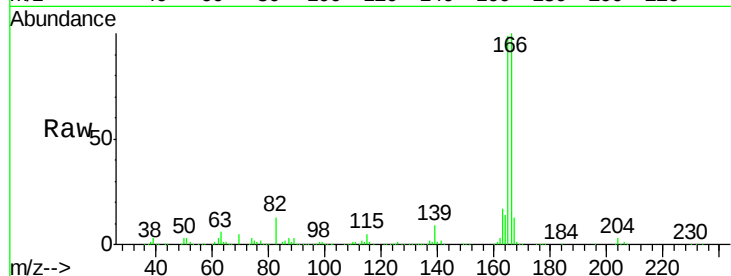




#57
 Fluorene
 Concen: 36.722 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

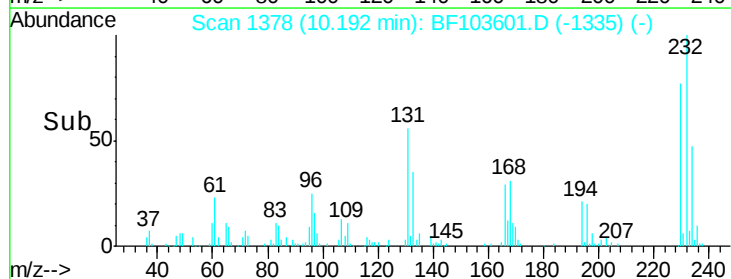
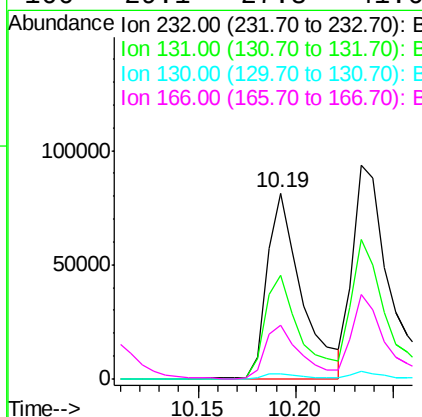
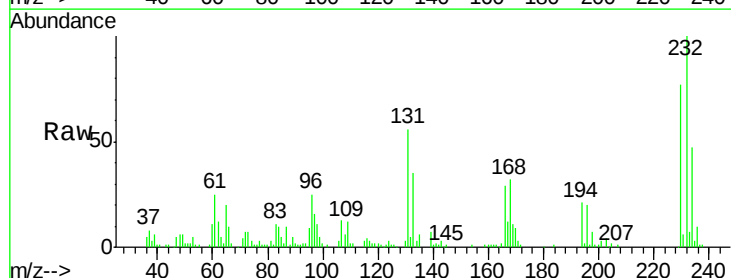
Instrument :
 BNA_F
 ClientSampleId :

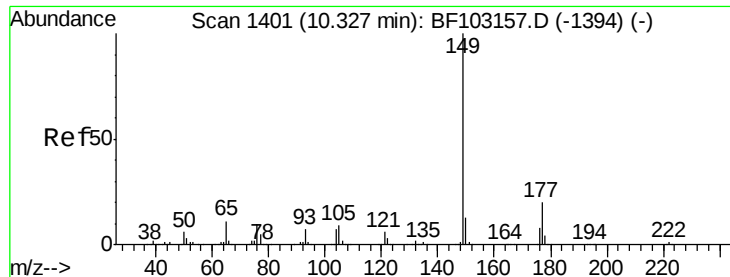
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.753 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.05 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.6	43.8	65.8
130	2.9	2.1	3.1
166	29.1	27.8	41.6

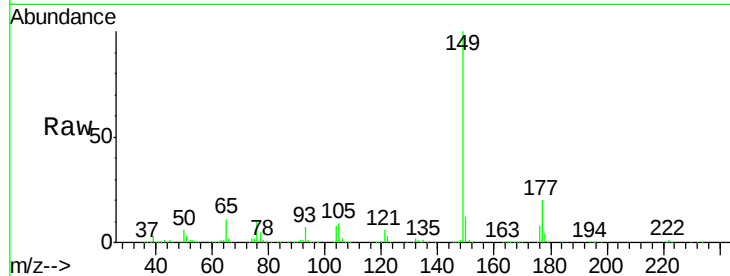




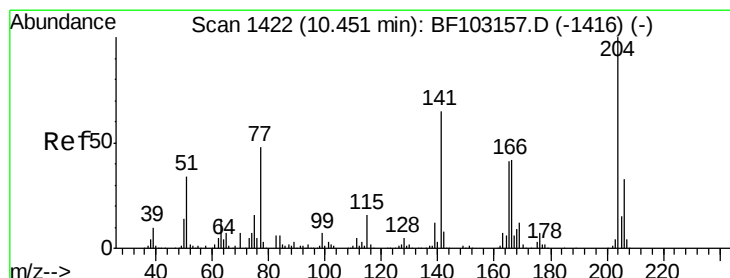
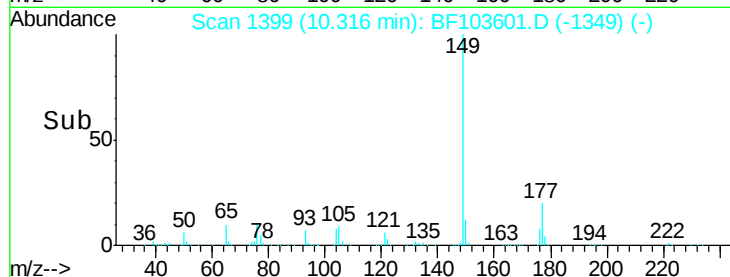
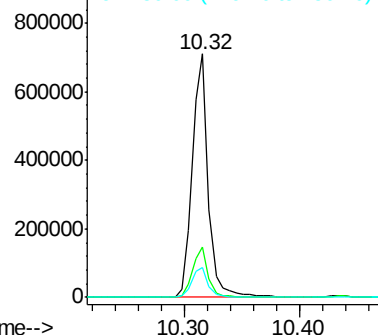
#59
Diethylphthalate
Concen: 37.333 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 681887
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.4 10.1 15.1

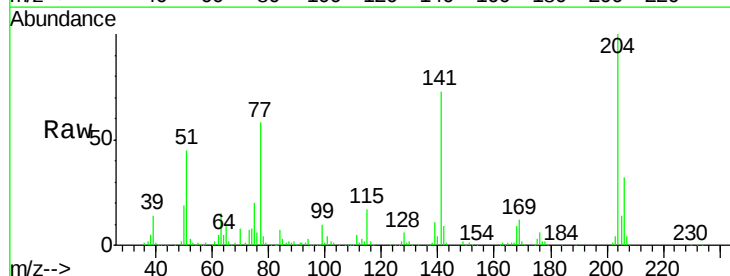


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

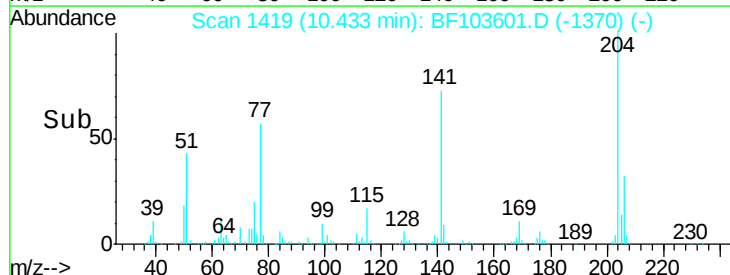
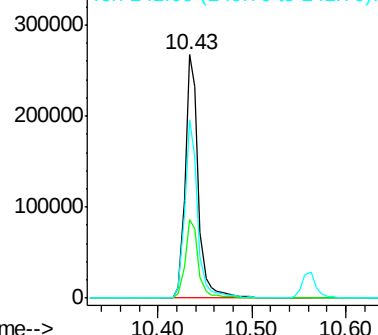


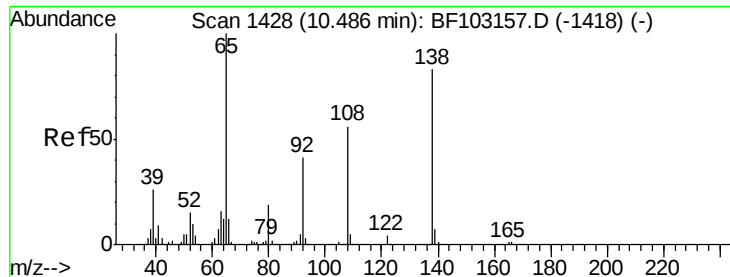
#60
4-Chlorophenyl-phenylether
Concen: 38.092 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:204 Resp: 267458
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 73.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

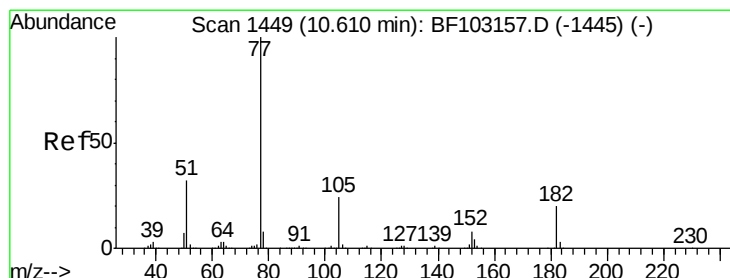
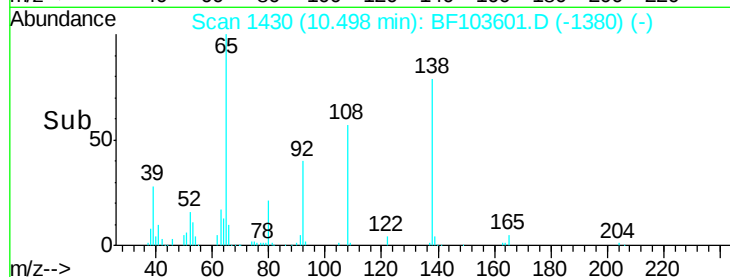
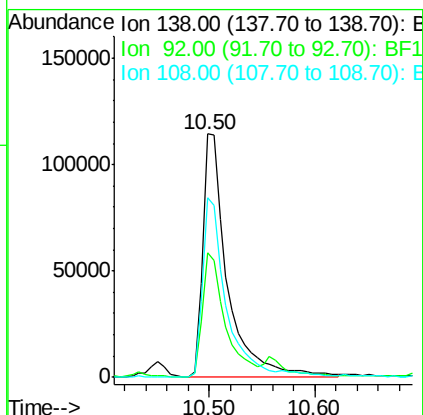
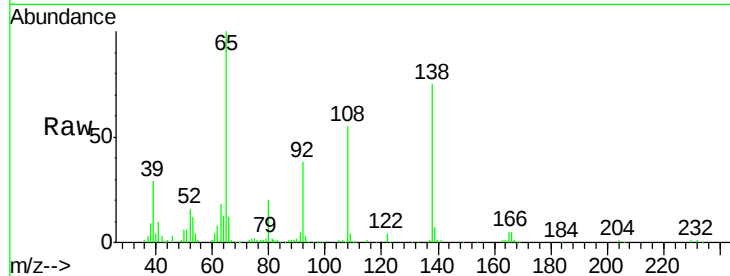




#61
4-Nitroaniline
Concen: 36.042 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

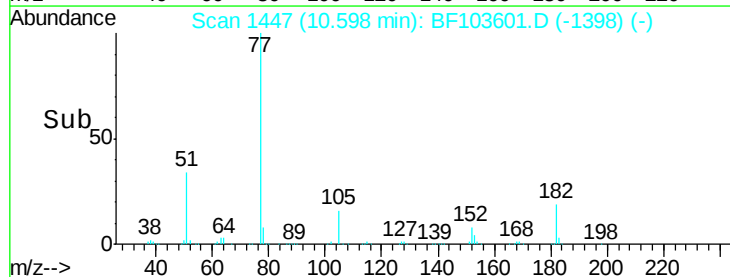
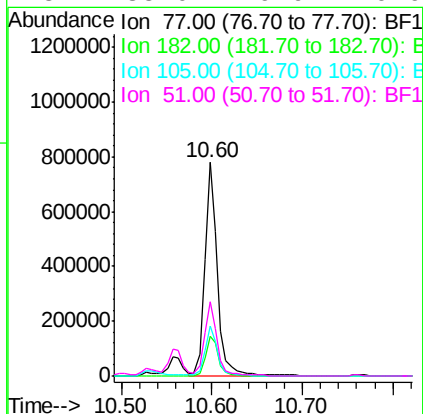
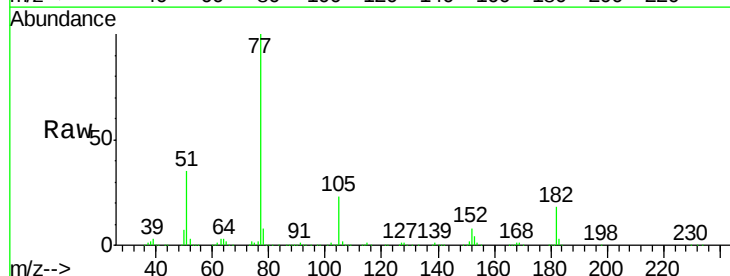
Instrument :
BNA_F
ClientSampled :

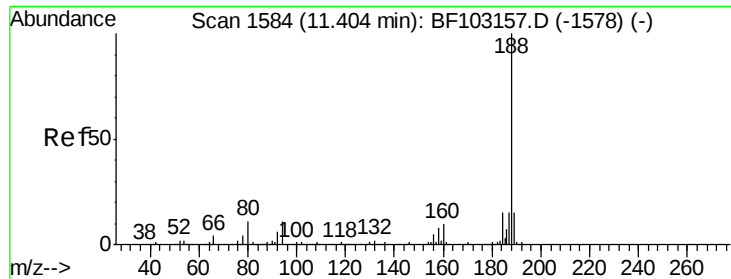
Tot Ion:138 Resp: 183042
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 73.8 52.5 92.5



#62
Azobenzene
Concen: 40.662 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion: 77 Resp: 755974
Ion Ratio Lower Upper
77 100
182 18.3 1.7 41.7
105 23.3 3.0 43.0
51 35.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

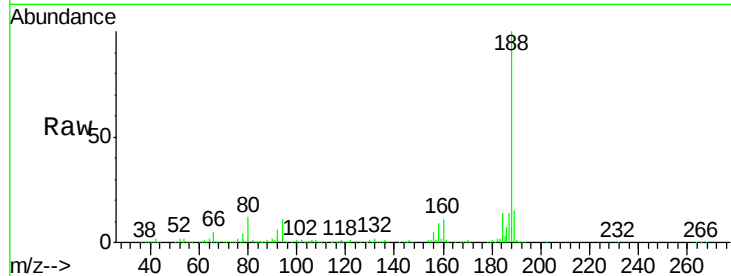
Tot Ion:188 Resp: 433272

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

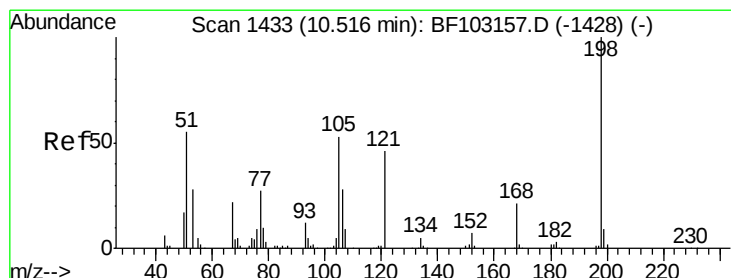
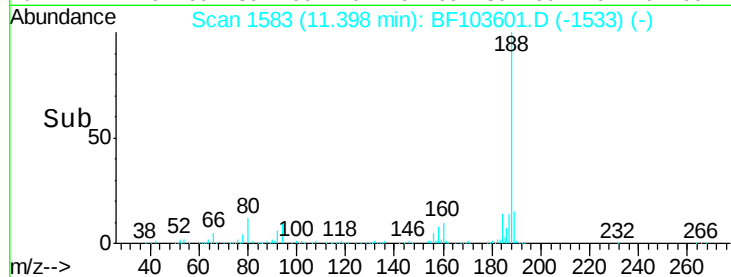
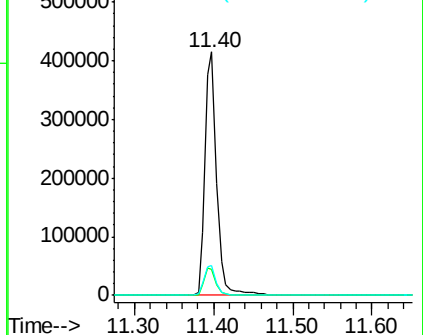
80 12.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 23.985 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

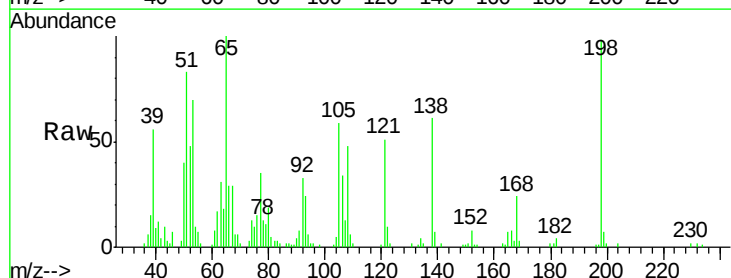
Tgt Ion:198 Resp: 55959

Ion Ratio Lower Upper

198 100

51 84.7 37.7 77.7#

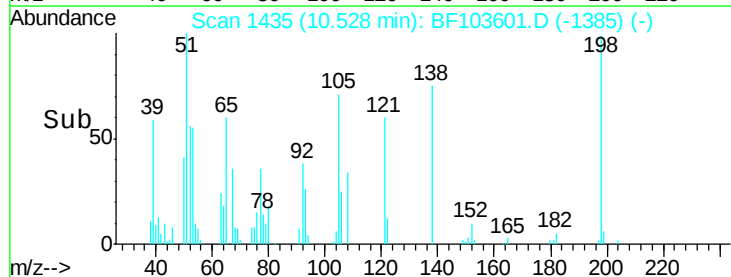
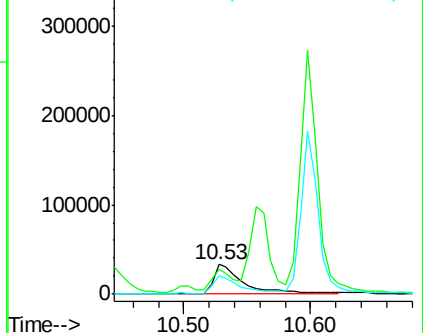
105 59.5 36.3 76.3

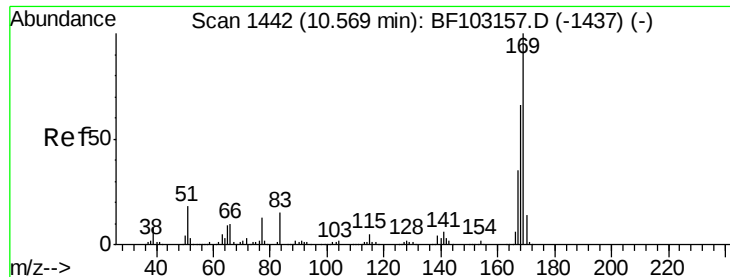


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.127 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

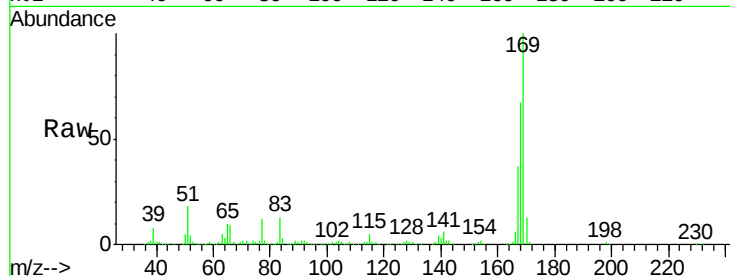
Tot Ion:169 Resp: 545004

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

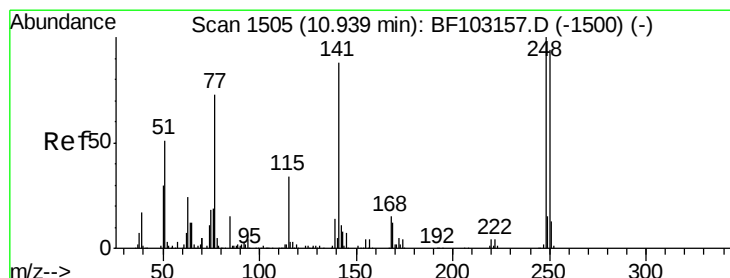
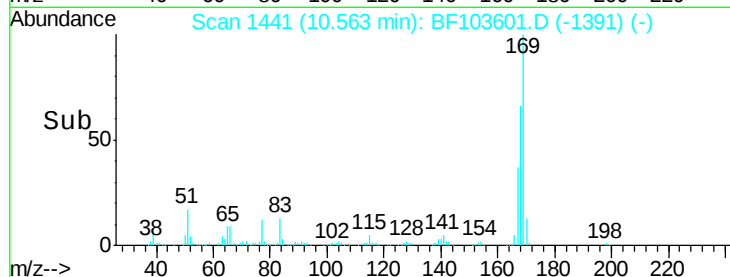
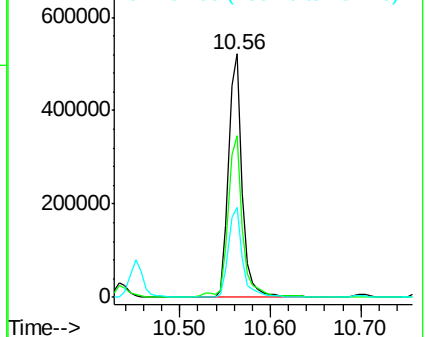
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.715 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

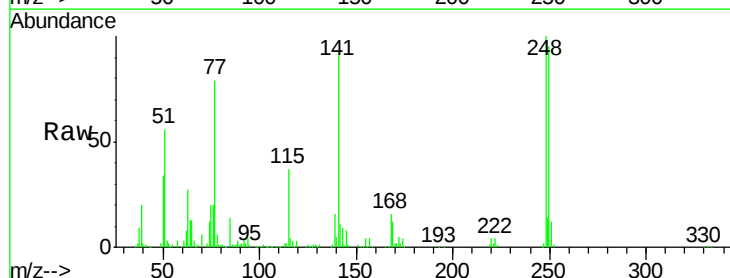
Tgt Ion:248 Resp: 156682

Ion Ratio Lower Upper

248 100

250 94.8 76.9 115.3

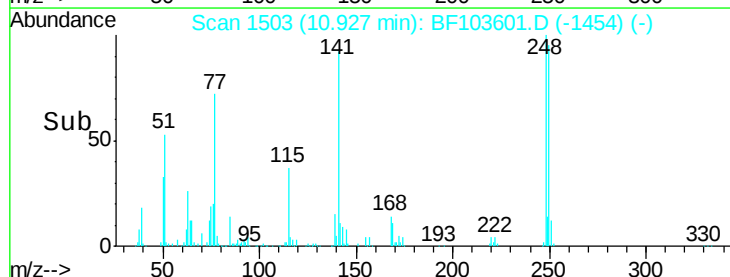
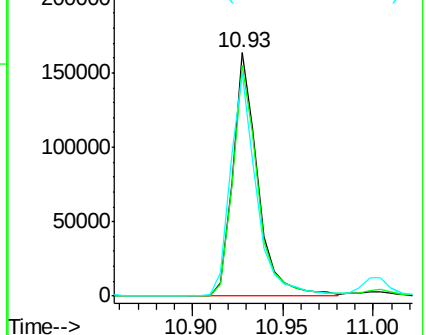
141 91.7 74.4 111.6

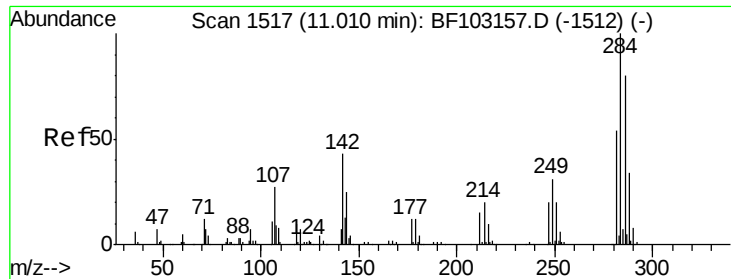


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

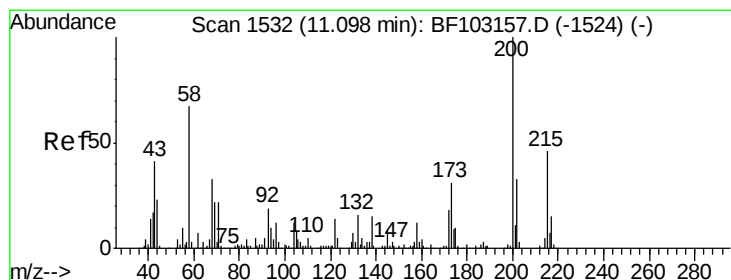
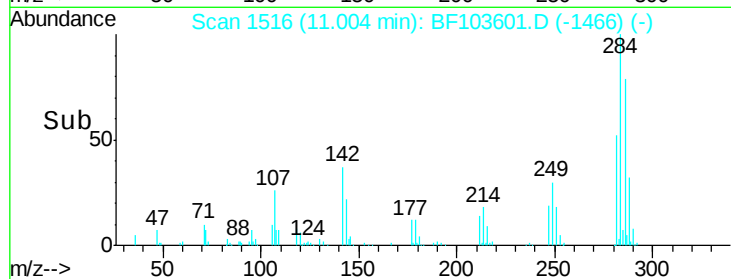
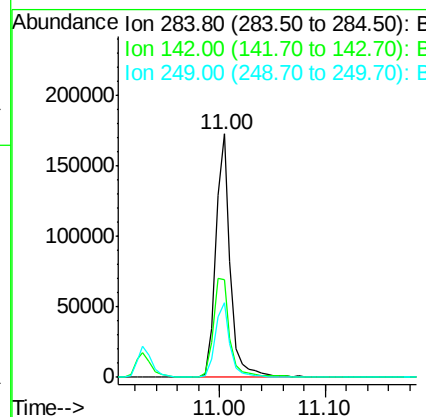
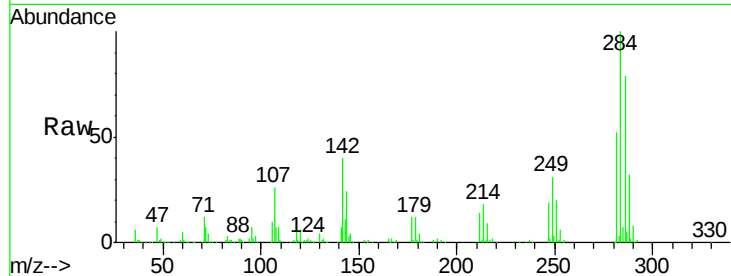




#67
Hexachlorobenzene
Concen: 34.148 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

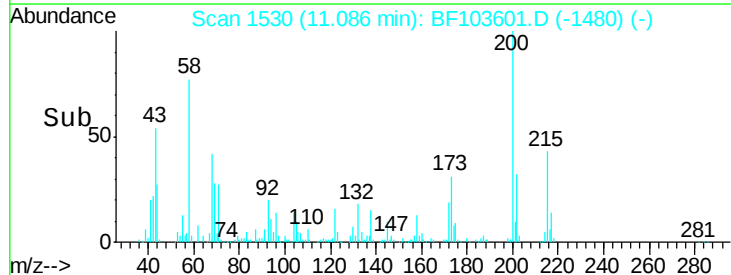
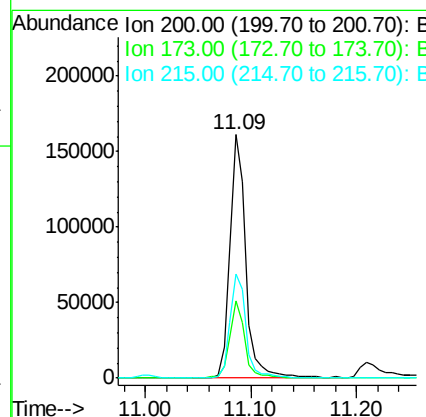
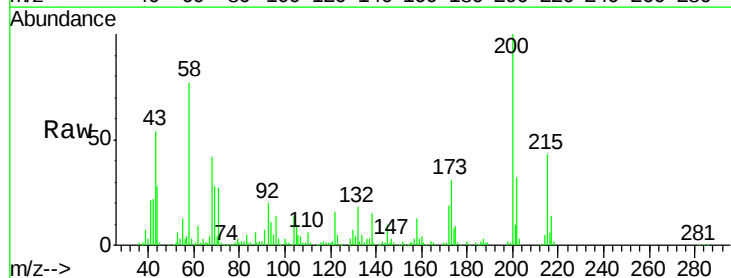
Instrument :
BNA_F
ClientSampleId :

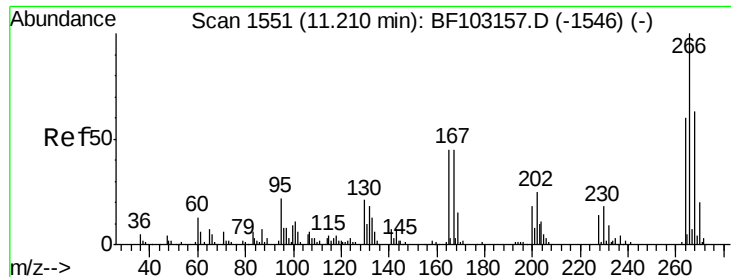
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.0	34.6	52.0
249	30.7	24.8	37.2



#68
Atrazine
Concen: 37.161 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.5	8.6	48.6
215	42.9	25.1	65.1

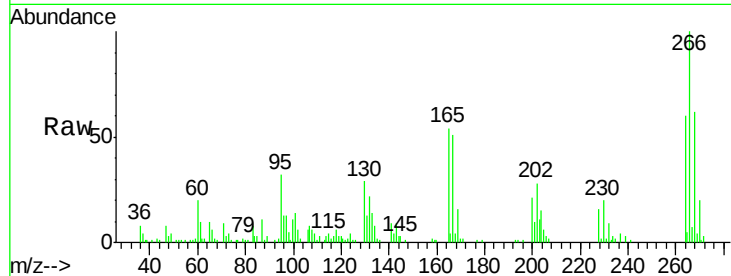




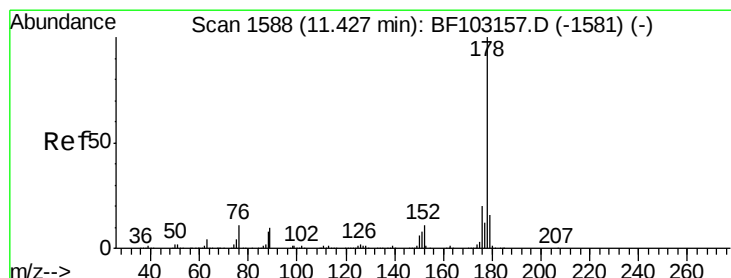
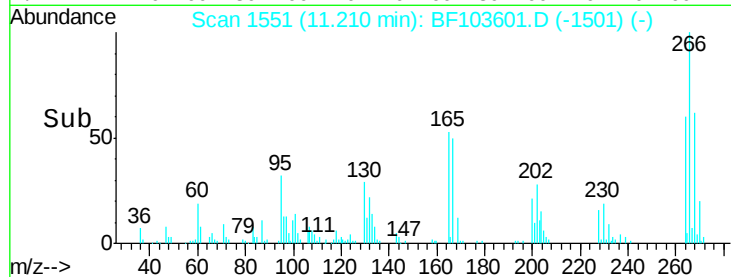
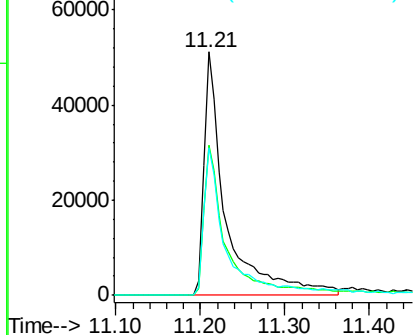
#69
 Pentachlorophenol
 Concen: 39.303 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 93096
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.1 76.7
 264 65.0 49.5 74.3

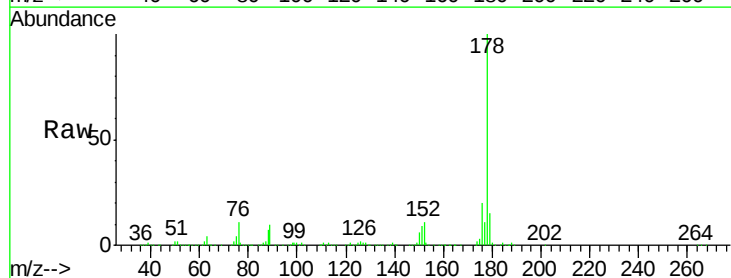


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

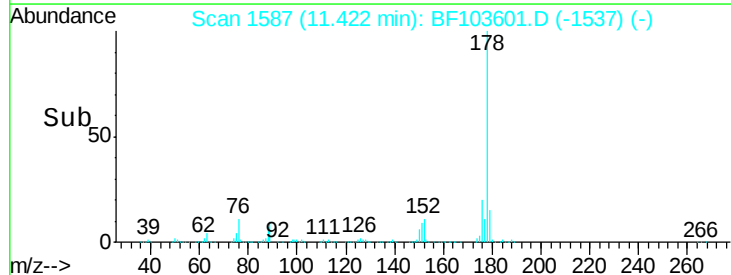
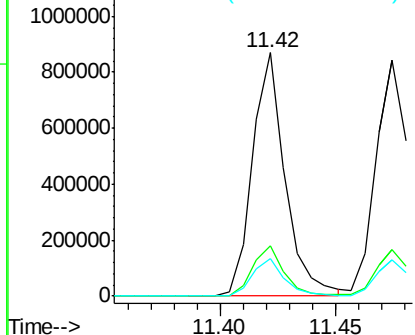


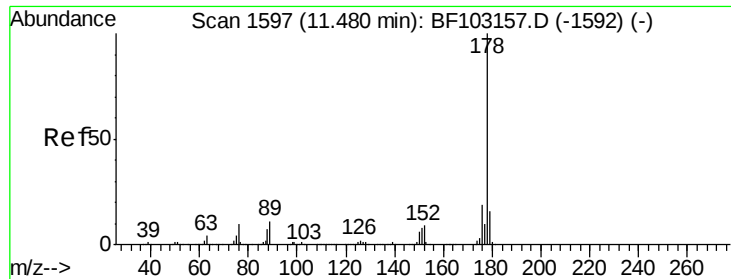
#70
 Phenanthrene
 Concen: 36.117 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:178 Resp: 861175
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.3 13.0 19.6



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

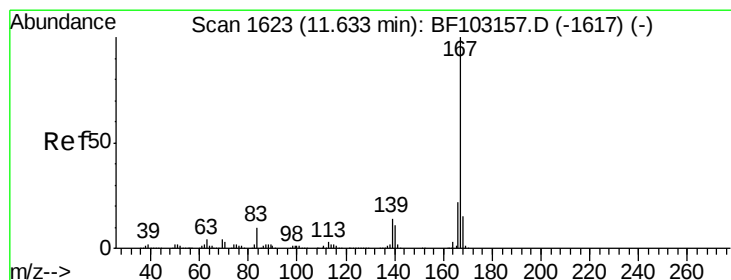
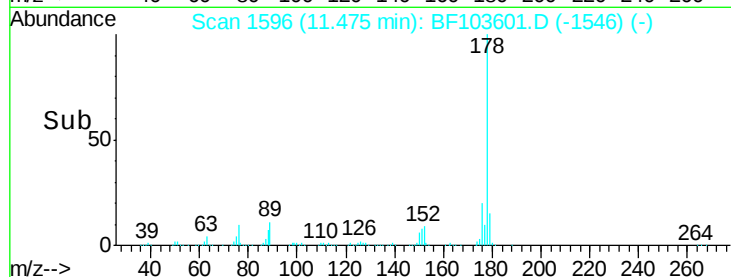
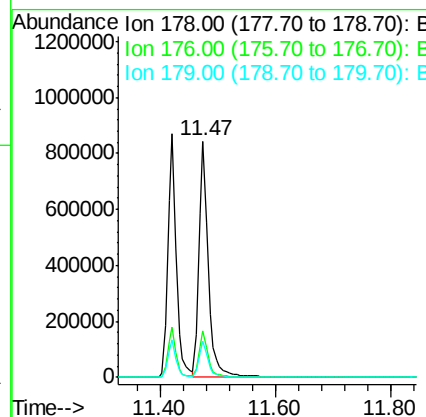
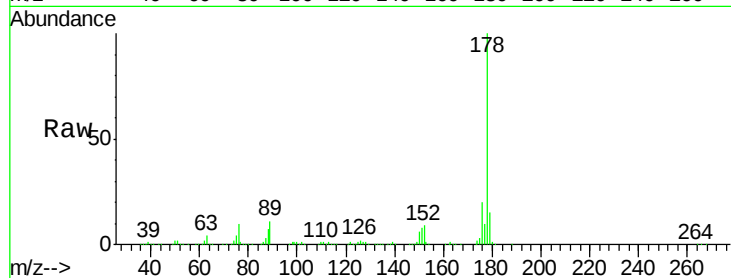




#71
 Anthracene
 Concen: 39.140 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

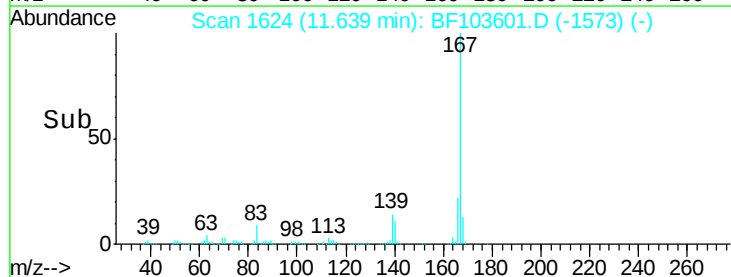
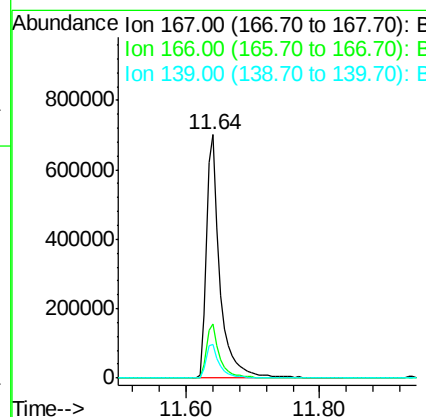
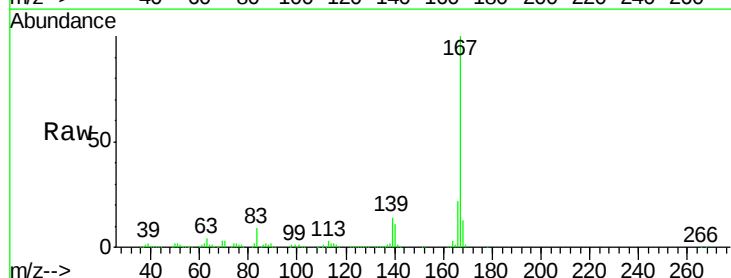
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 957007
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 39.131 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:167 Resp: 952806
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.0 10.9 16.3

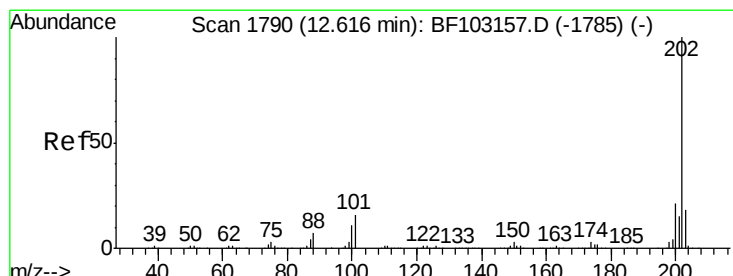
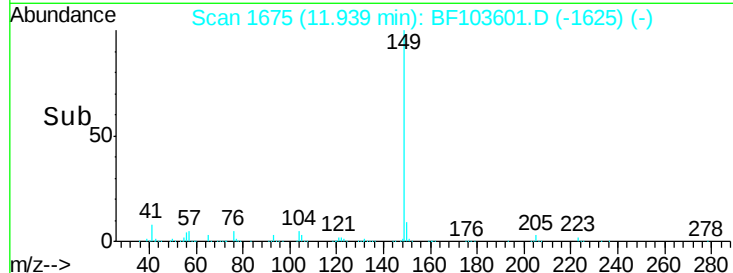
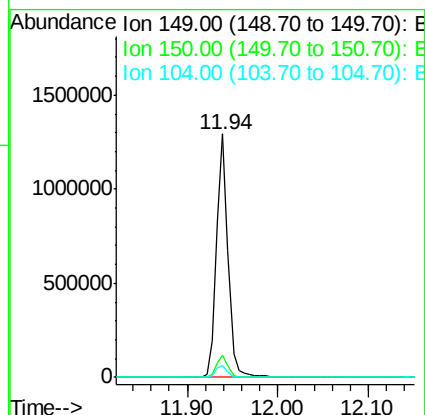
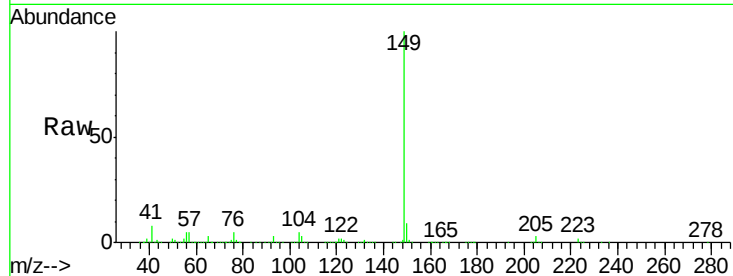




#73
Di-n-butylphthalate
Concen: 37.678 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

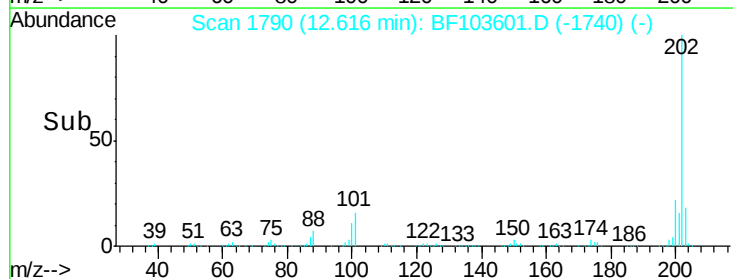
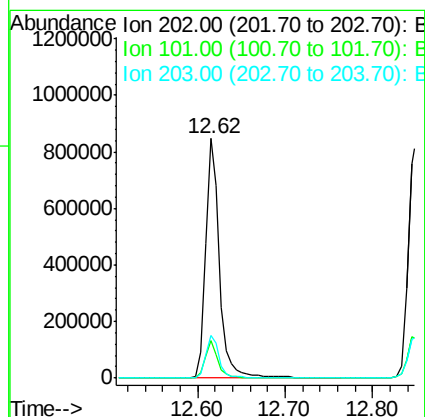
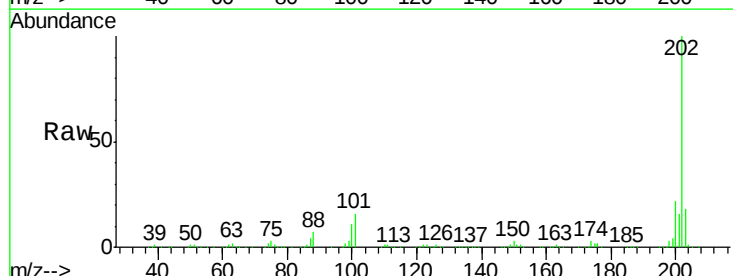
Instrument :
BNA_F
ClientSampleId :

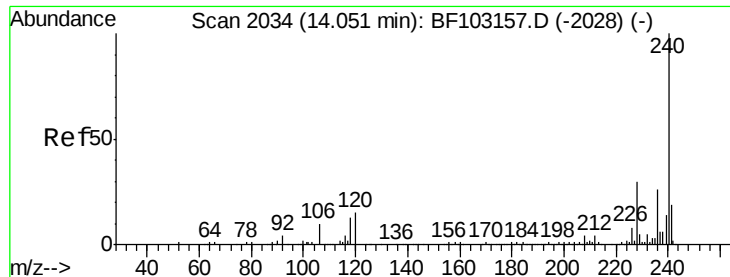
Tot Ion:149 Resp: 1147955
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 38.773 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:202 Resp: 929043
Ion Ratio Lower Upper
202 100
101 15.8 0.0 34.1
203 17.7 0.0 38.1

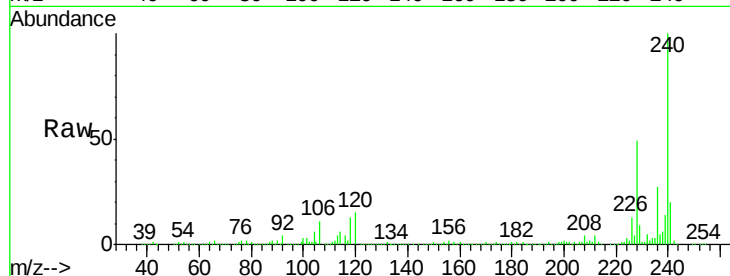




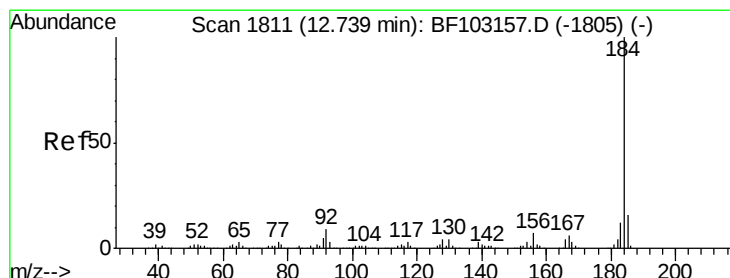
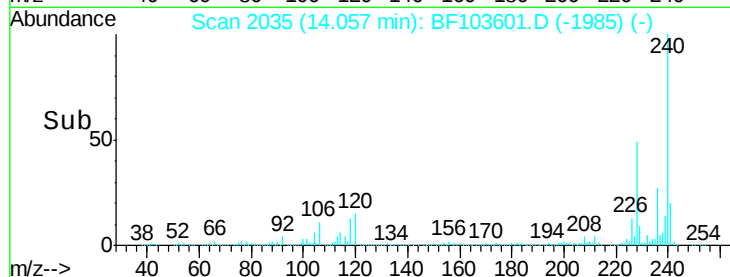
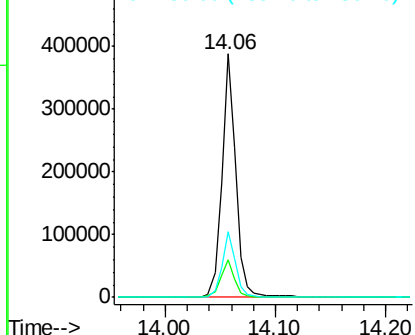
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 341078
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 27.1 20.7 31.1

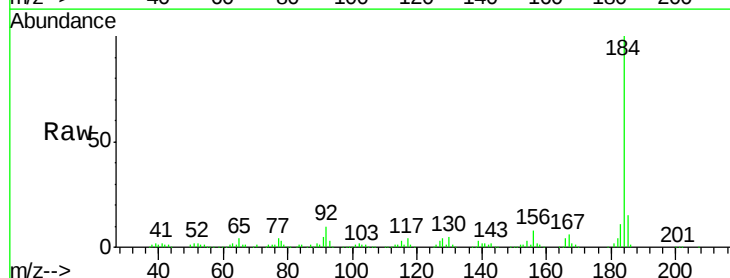


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

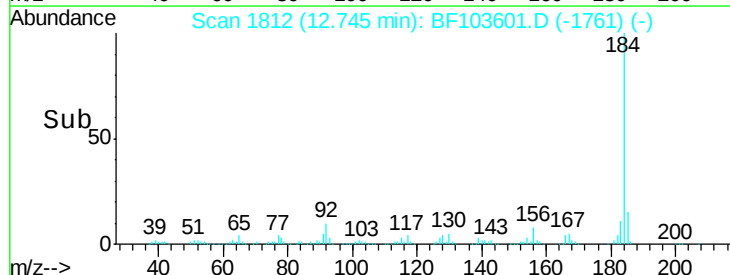
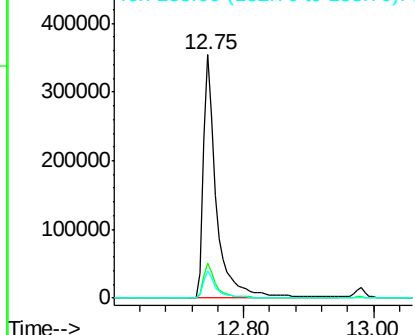


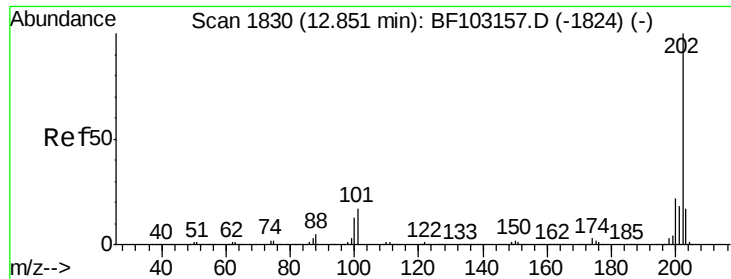
#76
Benzidine
Concen: 39.268 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:184 Resp: 500717
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.2 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

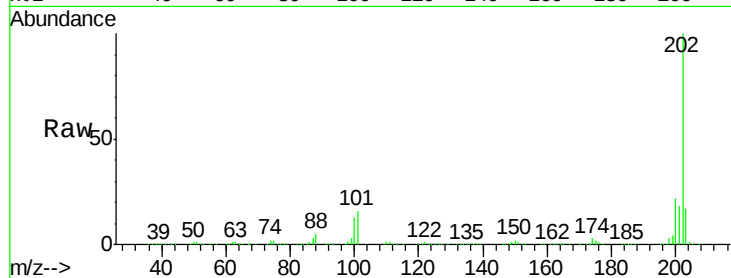




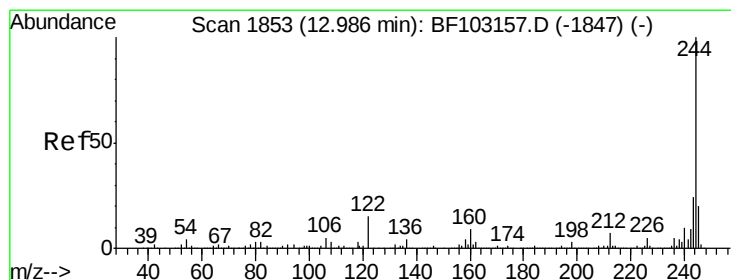
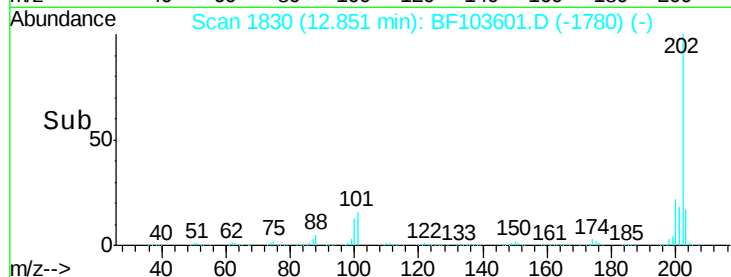
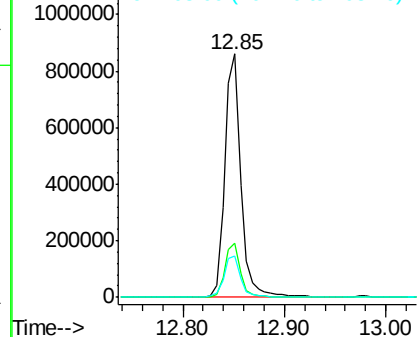
#77
Pvrene
Concen: 35.393 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 941179
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.1 14.3 21.5

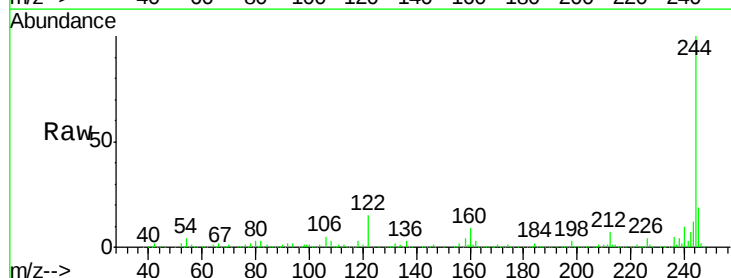


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

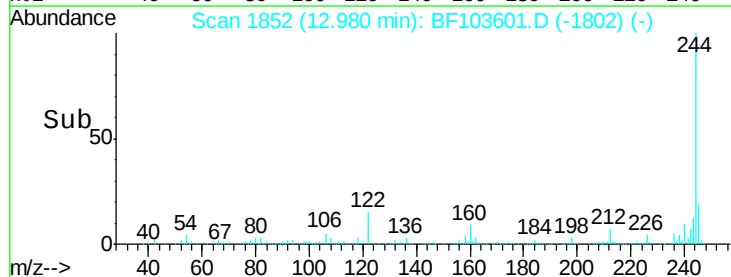
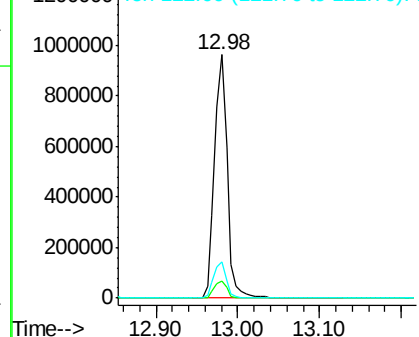


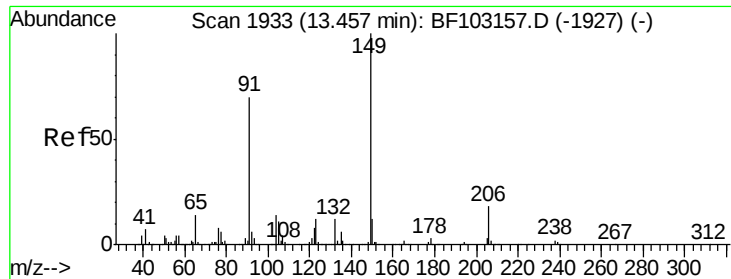
#78
Terphenyl-d14
Concen: 73.968 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:244 Resp: 1049513
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.7 11.0 16.4



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

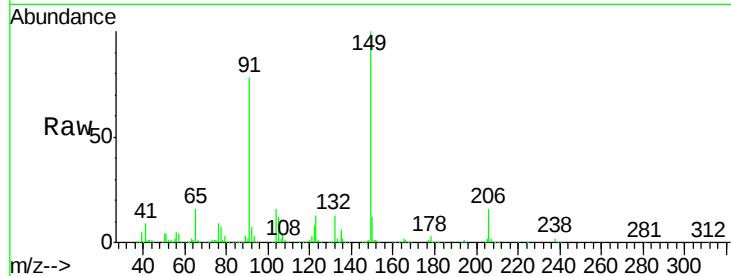




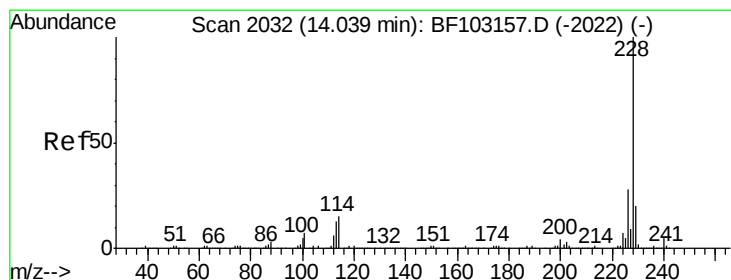
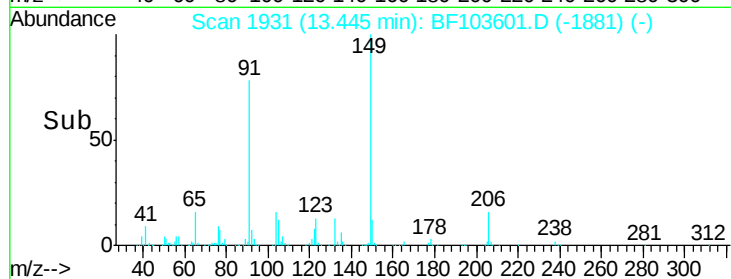
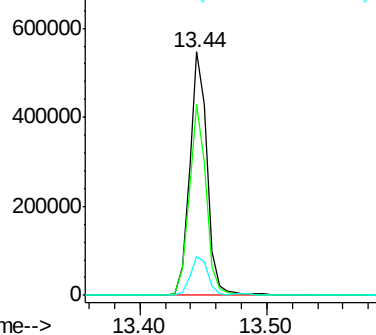
#79
Butylbenzylphthalate
Concen: 37.713 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 529865
Ion Ratio Lower Upper
149 100
91 78.4 56.8 85.2
206 16.1 14.1 21.1

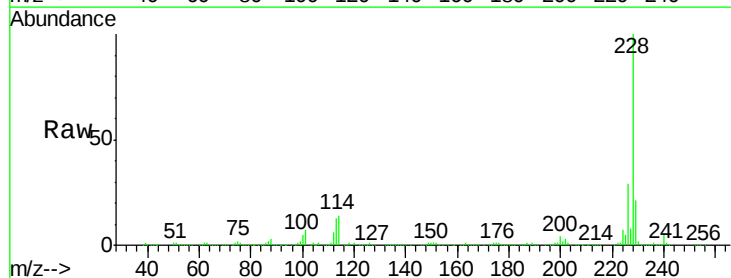


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

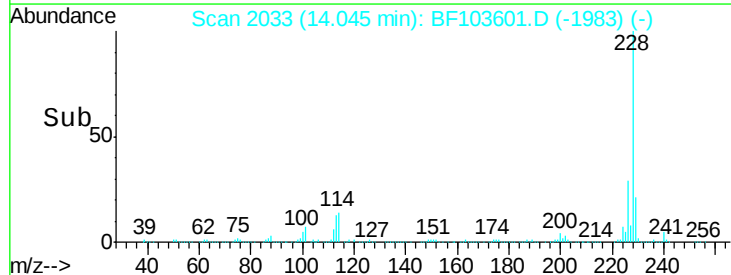
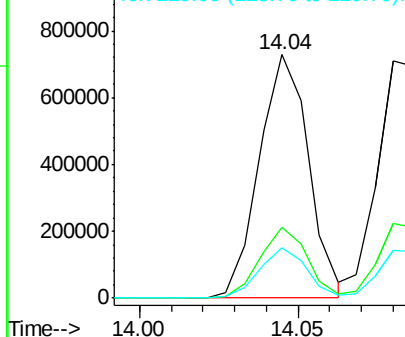


#80
Benzo(a)anthracene
Concen: 35.649 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:228 Resp: 788930
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

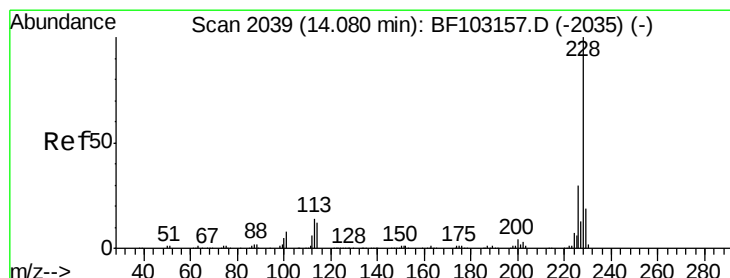
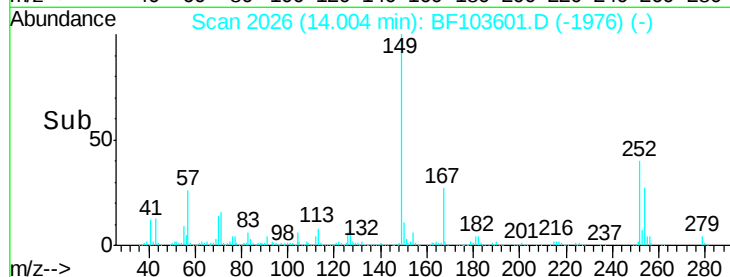
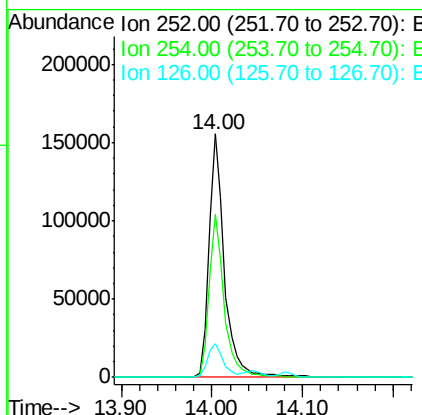
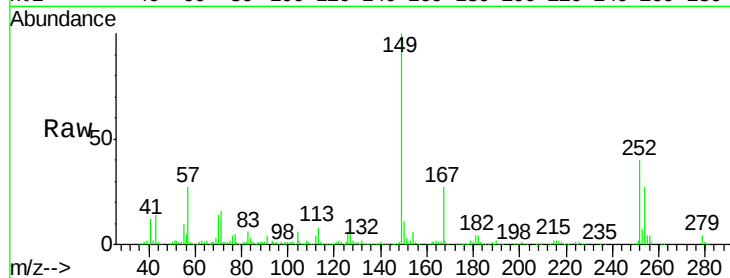




#81
 3,3'-Dichlorobenzidine
 Concen: 23.563 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

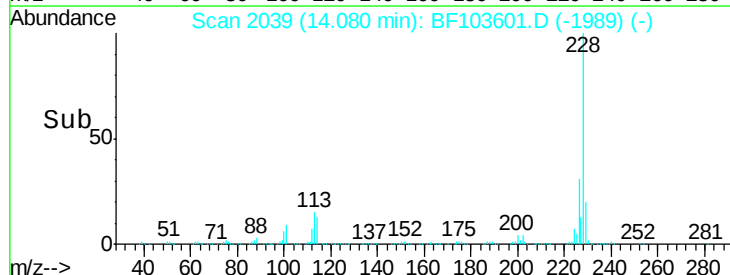
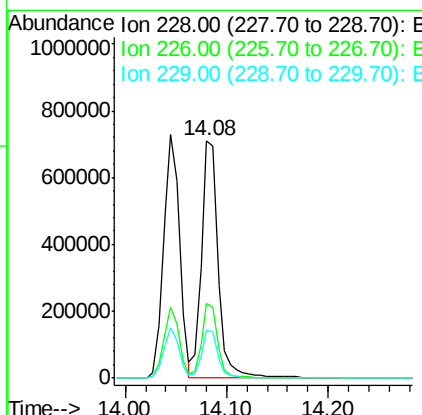
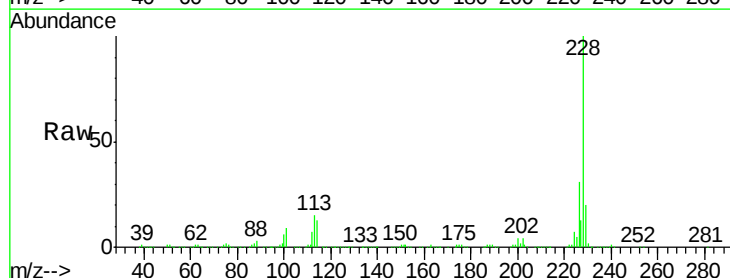
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 186098
 Ion Ratio Lower Upper
 252 100
 254 66.9 50.4 75.6
 126 14.1 11.3 16.9



#82
 Chrysene
 Concen: 37.570 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:228 Resp: 807314
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.2 16.2 24.4

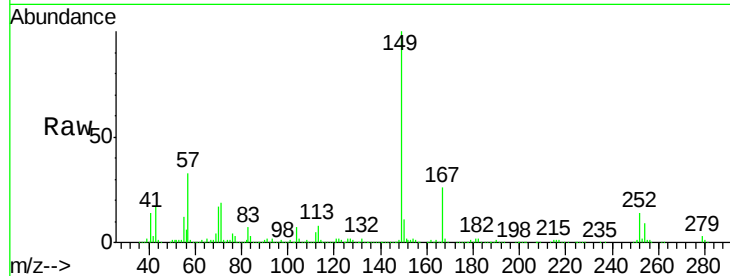




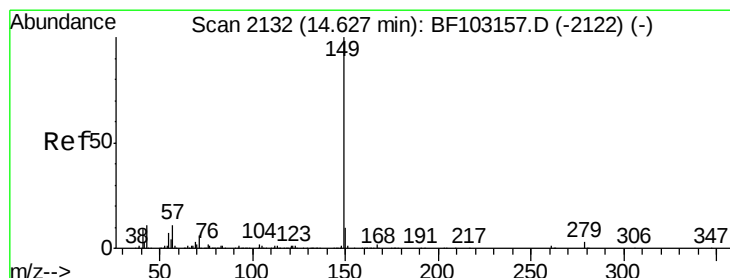
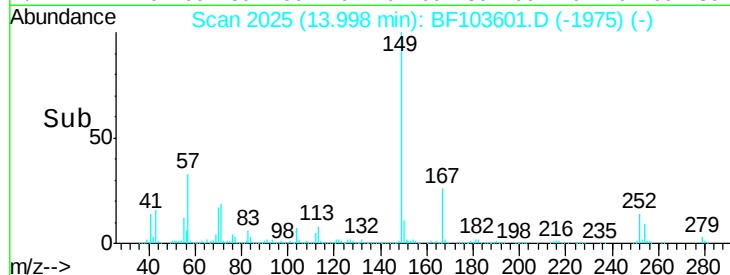
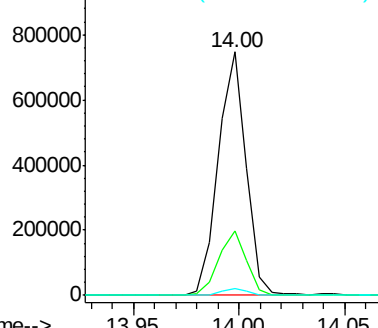
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.100 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 684447
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.9 3.0 4.4#

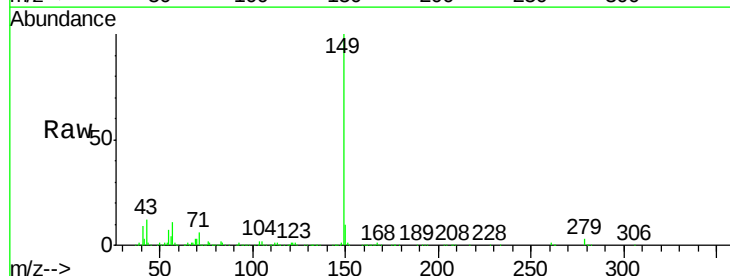


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

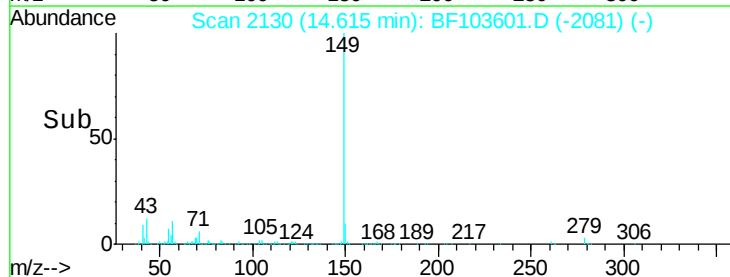
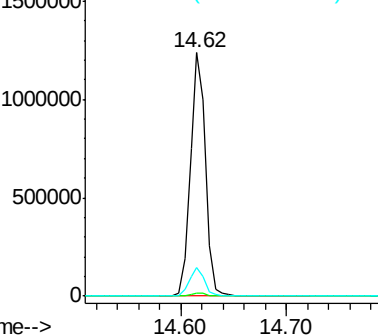


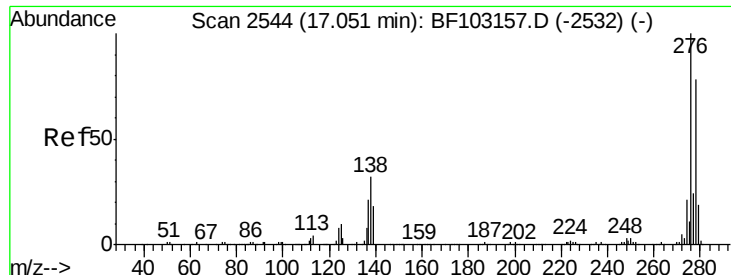
#84
 Di-n-octyl phthalate
 Concen: 40.700 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion:149 Resp: 1246767
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.6 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

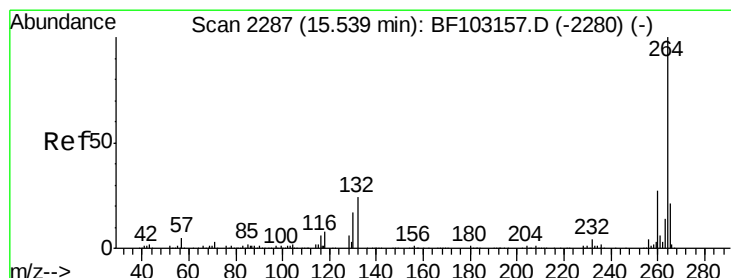
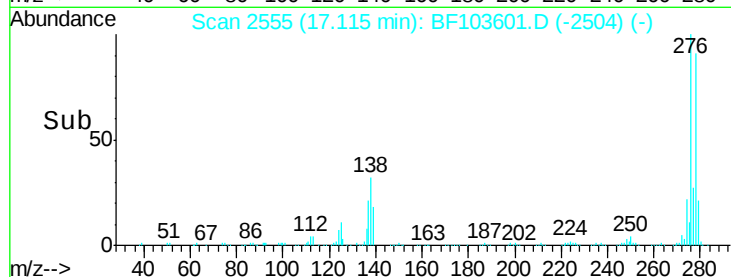
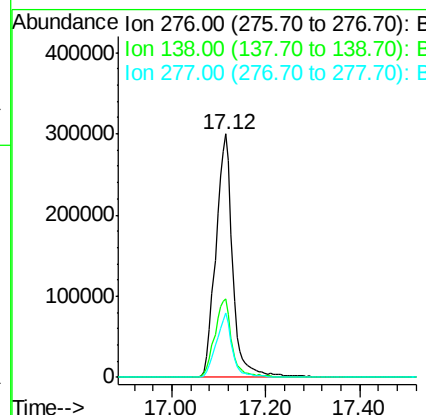
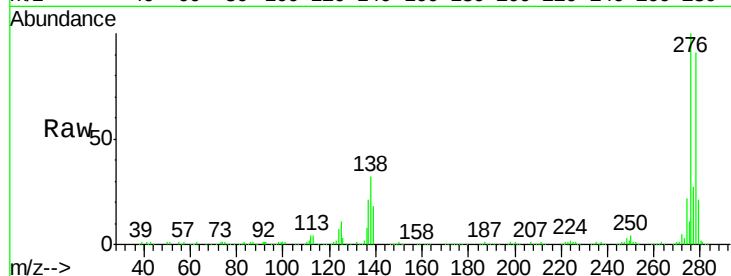




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.412 ng
 RT: 17.12 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

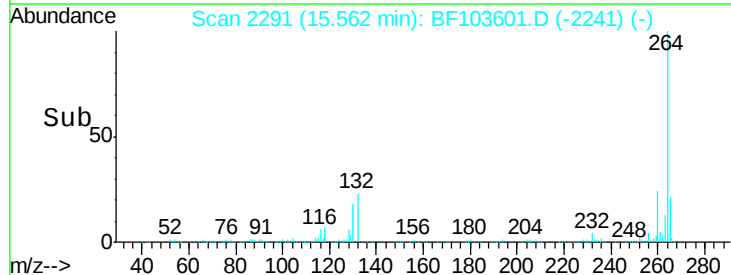
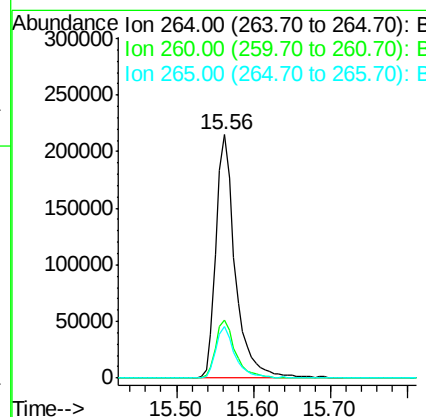
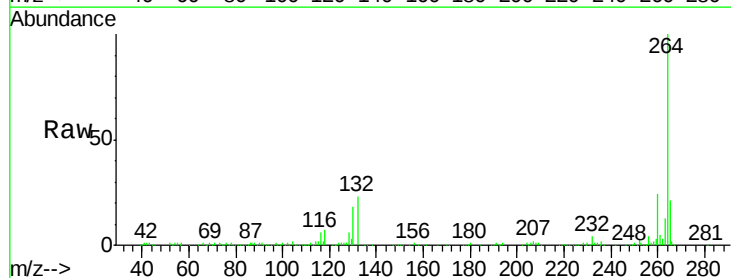
Instrument :
 BNA_F
 ClientSampleId :

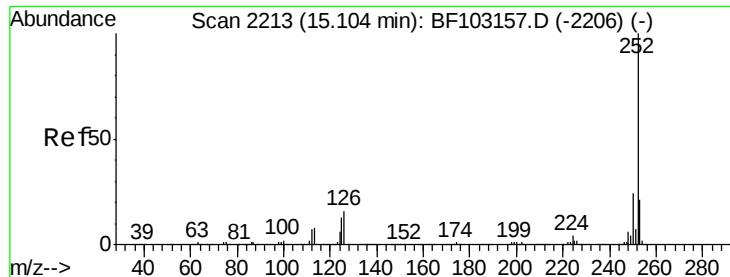
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3

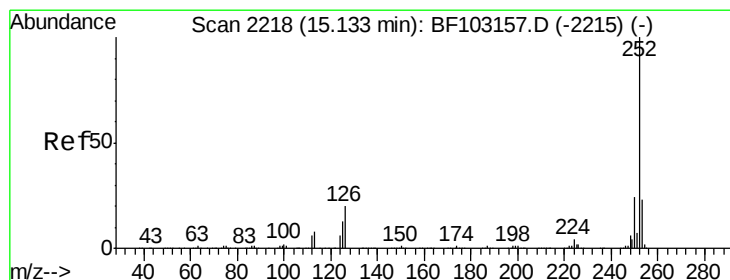
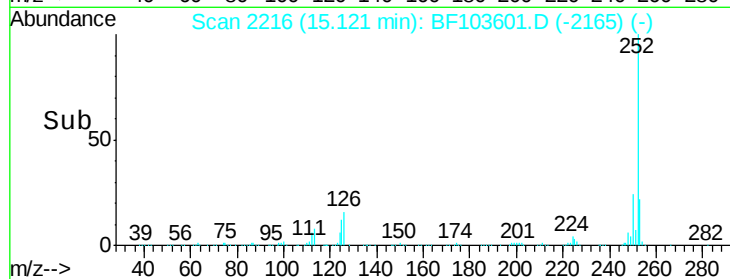
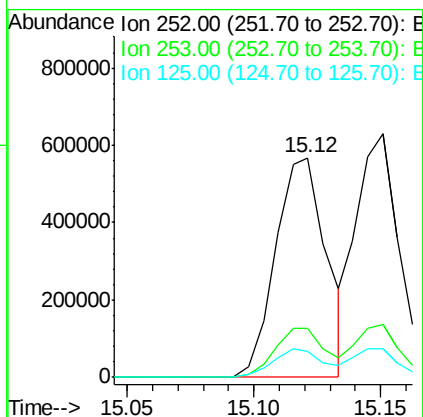
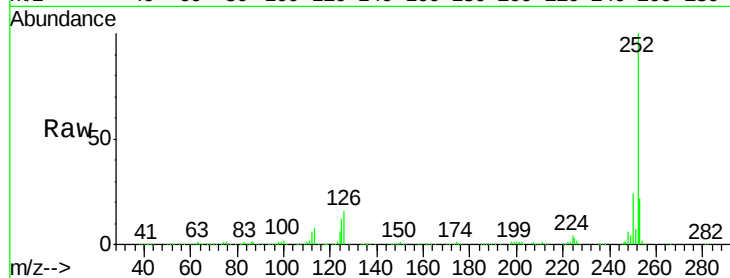




#87
Benzo(b)fluoranthene
Concen: 32.489 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

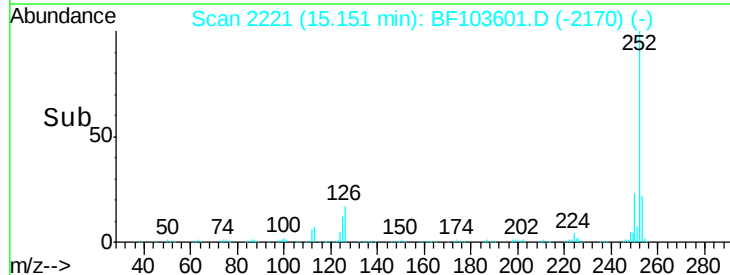
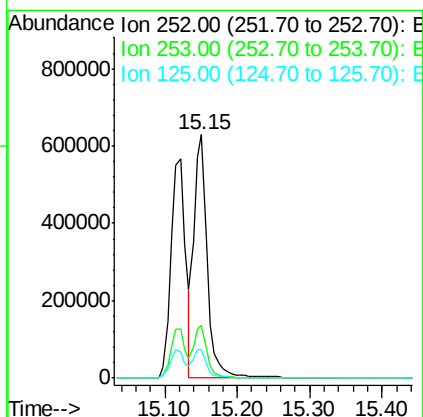
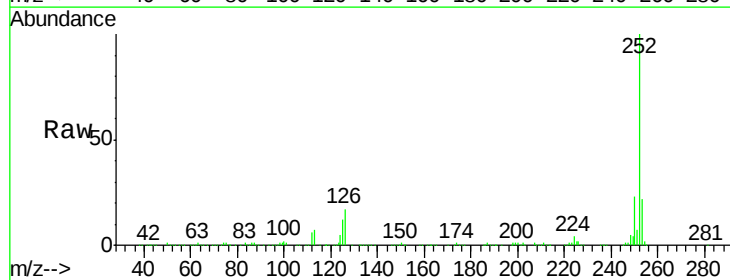
Instrument :
BNA_F
ClientSampleId :

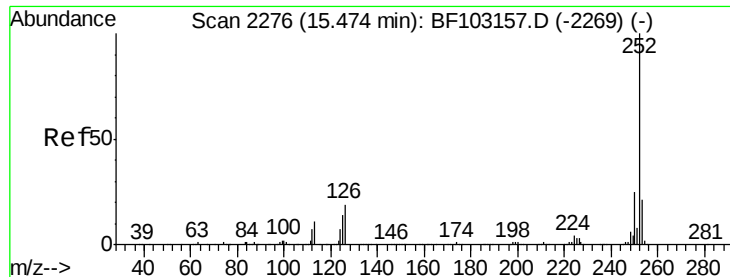
Tot Ion:252 Resp: 792864
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.833 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103601.D
Acq: 13 Mar 2018 13:54

Tgt Ion:252 Resp: 800470
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 35.096 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

Instrument :

BNA_F

ClientSampleId :

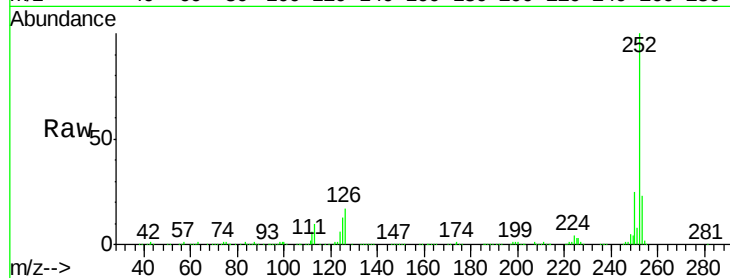
Tot Ion:252 Resp: 764831

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

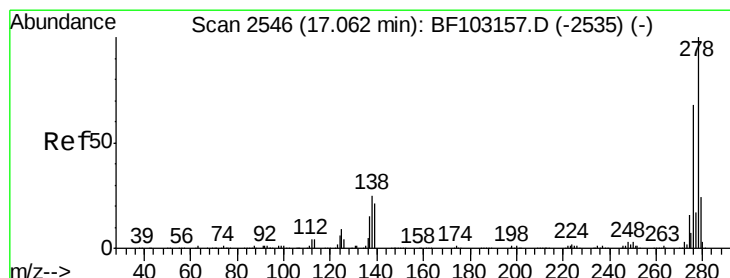
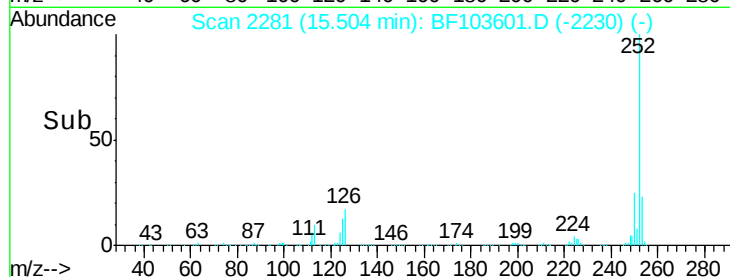
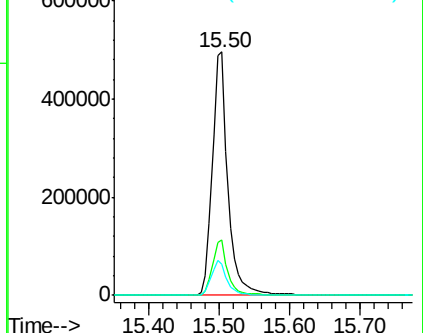
125 13.0 9.8 14.6



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: 37.553 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BF103601.D

Acq: 13 Mar 2018 13:54

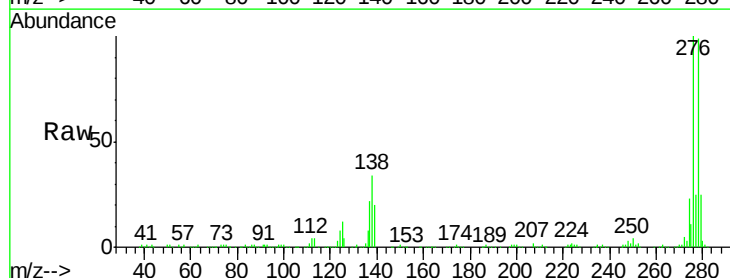
Tgt Ion:278 Resp: 632385

Ion Ratio Lower Upper

278 100

139 20.4 15.9 23.9

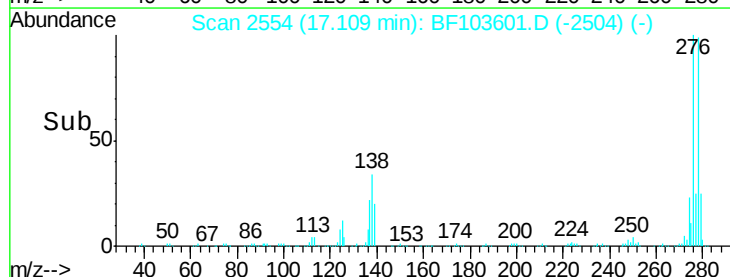
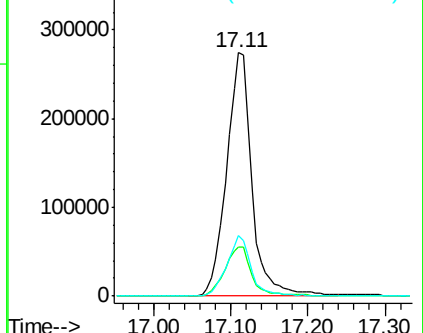
279 25.0 19.0 28.4

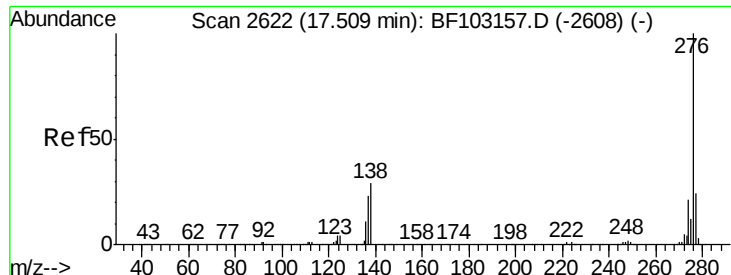


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

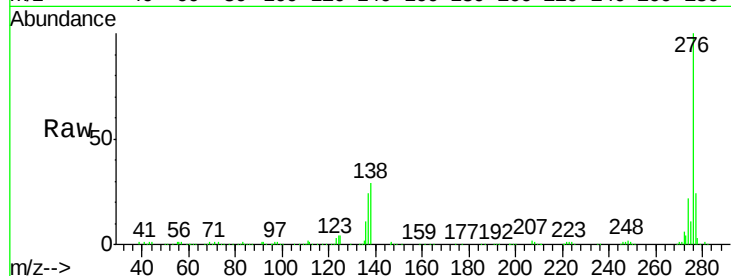




#91
 Benzo(a,h,i)perylene
 Concen: 38.526 ng
 RT: 17.58 min Scan# 2634
 Delta R.T. -0.01 min
 Lab File: BF103601.D
 Acq: 13 Mar 2018 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.5	21.8	32.8



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

