

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102903.D
 Acq On : 9 Feb 2018 22:40
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 00:50:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	178935	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	713648	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	287889	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	411075	20.00	ng	0.00
75) Chrysene-d12	14.06	240	320716	20.00	ng	0.00
86) Perylene-d12	15.54	264	326586	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	929254	78.87	ng	0.00
7) Phenol-d6	6.52	99	1096799	77.31	ng	0.01
23) Nitrobenzene-d5	7.45	82	988731	96.11	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	160954	69.46	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1392479	80.26	ng	0.00
78) Terphenyl-d14	13.00	244	928716	68.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	246353	42.33	ng	89
3) Pyridine	3.41	79	694061	43.17	ng	92
4) n-Nitrosodimethylamine	3.37	42	301181	43.78	ng	# 93
6) Aniline	6.55	93	806366	38.49	ng	94
8) 2-Chlorophenol	6.67	128	465697	38.39	ng	97
9) Benzaldehyde	6.44	77	383161	36.37	ng	99
10) Phenol	6.53	94	647654	42.60	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	495779	39.19	ng	90
12) 1,3-Dichlorobenzene	6.83	146	534363	38.04	ng	98
13) 1,4-Dichlorobenzene	6.90	146	533396	38.12	ng	99
14) 1,2-Dichlorobenzene	7.06	146	485260	37.23	ng	97
15) Benzyl Alcohol	7.03	79	437469	40.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	868447	36.14	ng	99
17) 2-Methylphenol	7.13	107	420369	37.57	ng	98
18) Hexachloroethane	7.40	117	182738	38.08	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	340064	36.36	ng	93
20) 3+4-Methylphenols	7.29	107	500175	36.25	ng	91
22) Acetophenone	7.30	105	644089	36.88	ng	# 94
24) Nitrobenzene	7.47	77	548815	45.35	ng	95
25) Isophorone	7.70	82	922419	38.94	ng	97
26) 2-Nitrophenol	7.79	139	243040	48.73	ng	96
27) 2,4-Dimethylphenol	7.82	122	370783	37.05	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	555879	39.61	ng	99
29) 2,4-Dichlorophenol	8.03	162	355236	39.05	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	385010	37.41	ng	98
31) Naphthalene	8.19	128	1310014	37.57	ng	100
32) Benzoic acid	7.93	122	267019	40.51	ng	96
33) 4-Chloroaniline	8.24	127	562867	37.47	ng	97
34) Hexachlorobutadiene	8.30	225	205416	38.95	ng	99
35) Caprolactam	8.62	113	118451	37.49	ng	# 83
36) 4-Chloro-3-methylphenol	8.72	107	390726	38.22	ng	99
37) 2-Methylnaphthalene	8.88	142	823145	36.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	321478	41.01	ng	98
40) Hexachlorocyclopentadiene	9.03	237	29971	8.04	ng	99

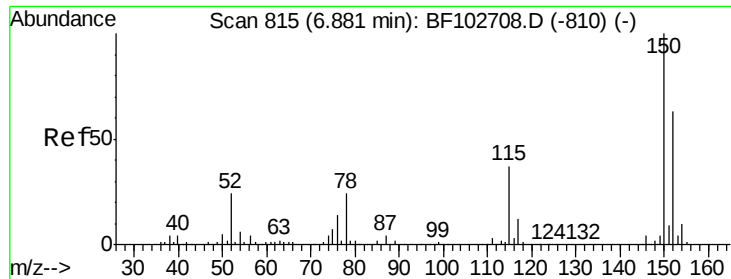
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102903.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	210381	40.86	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	232795	40.12	nq	98
45) 1,1'-Biphenyl	9.35	154	961493	39.65	nq	98
46) 2-Chloronaphthalene	9.37	162	747075	39.13	nq	99
47) 2-Nitroaniline	9.47	65	293518	49.70	nq	87
48) Acenaphthylene	9.79	152	1127105	38.01	nq	99
49) Dimethylphthalate	9.65	163	903339	40.24	nq	100
50) 2,6-Dinitrotoluene	9.71	165	183922	43.07	nq	94
51) Acenaphthene	9.96	154	651773	36.76	nq	98
52) 3-Nitroaniline	9.88	138	228391	43.46	nq	98
53) 2,4-Dinitrophenol	9.98	184	10528	19.97	nq	# 22
54) Dibenzofuran	10.13	168	919073	36.78	nq	97
55) 4-Nitrophenol	10.03	139	133550	33.39	nq	94
56) 2,4-Dinitrotoluene	10.11	165	226159	40.03	nq	# 90
57) Fluorene	10.47	166	668936	36.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	144895	36.03	nq	96
59) Diethylphthalate	10.34	149	858344	38.73	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	307910	38.28	nq	96
61) 4-Nitroaniline	10.49	138	202542	40.49	nq	97
62) Azobenzene	10.63	77	840026	37.94	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	28783	23.63	nq	# 75
65) n-Nitrosodiphenylamine	10.59	169	621839	42.89	nq	98
66) 4-Bromophenyl-phenylether	10.96	248	181193	41.67	nq	92
67) Hexachlorobenzene	11.02	284	182970	38.14	nq	97
68) Atrazine	11.11	200	179405	41.94	nq	99
69) Pentachlorophenol	11.22	266	95561	33.94	nq	99
70) Phenanthrene	11.44	178	848615	37.07	nq	99
71) Anthracene	11.49	178	871683	37.43	nq	99
72) Carbazole	11.65	167	841749	36.90	nq	99
73) Di-n-butylphthalate	11.97	149	1182991	42.69	nq	99
74) Fluoranthene	12.63	202	829216	36.00	nq	99
76) Benzidine	12.75	184	542213	36.78	nq	99
77) Pyrene	12.86	202	866913	34.47	nq	99
79) Butylbenzylphthalate	13.47	149	472456	39.46	nq	97
80) Benzo(a)anthracene	14.04	228	791704	39.25	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	314682	42.08	nq	98
82) Chrysene	14.09	228	772806	38.01	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	695517	45.15	nq	# 99
84) Di-n-octyl phthalate	14.64	149	1164758	50.35	nq	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	662130	39.26	nq	98
87) Benzo(b)fluoranthene	15.14	252	738217	34.86	nq	98
88) Benzo(k)fluoranthene	15.14	252	738217	36.49	nq	99
89) Benzo(a)pyrene	15.48	252	727423	38.17	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	568552	36.75	nq	99
91) Benzo(g,h,i)perylene	17.51	276	516993	34.14	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

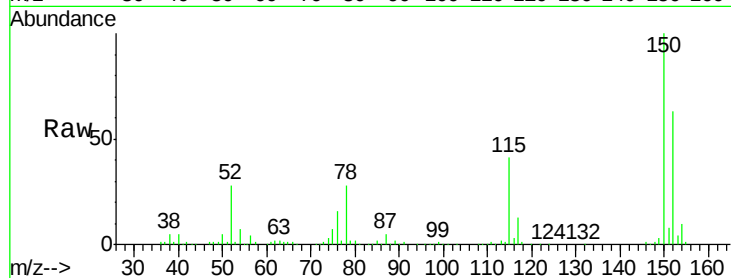
Tot Ion:152 Resp: 178935

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

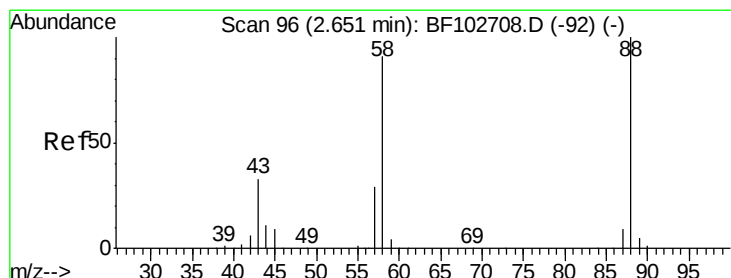
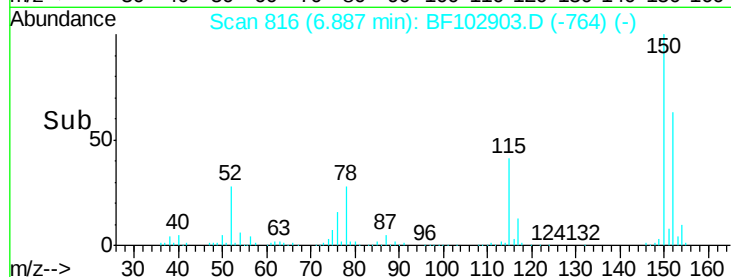
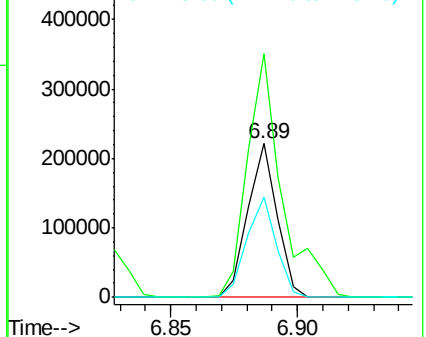
115 65.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.33 ng

RT: 2.63 min Scan# 92

Delta R.T. -0.03 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

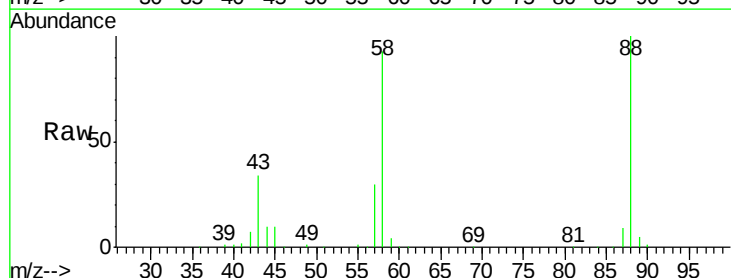
Tgt Ion: 88 Resp: 246353

Ion Ratio Lower Upper

88 100

58 90.3 62.6 93.8

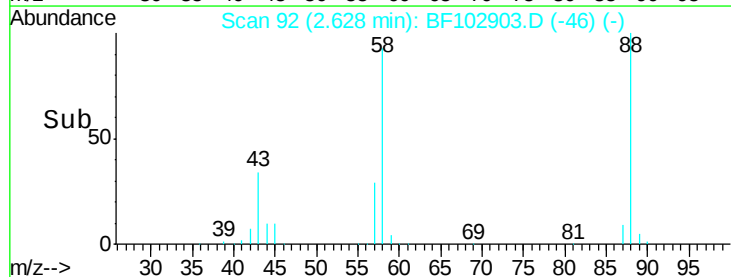
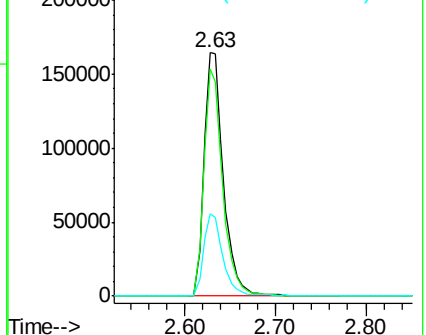
43 32.6 24.6 37.0

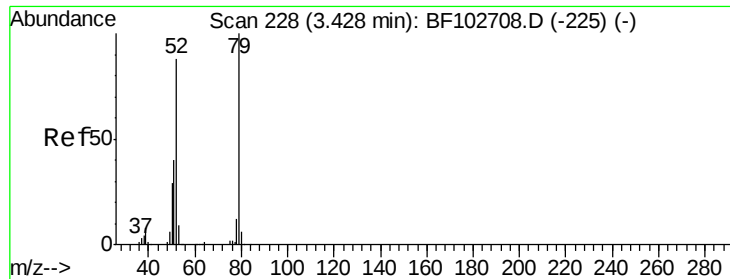


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

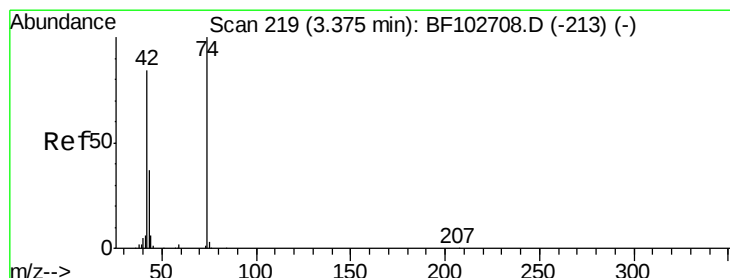
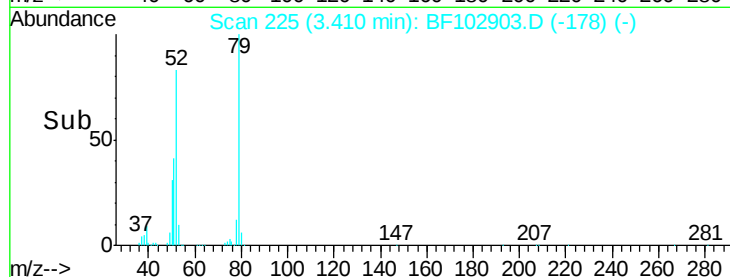
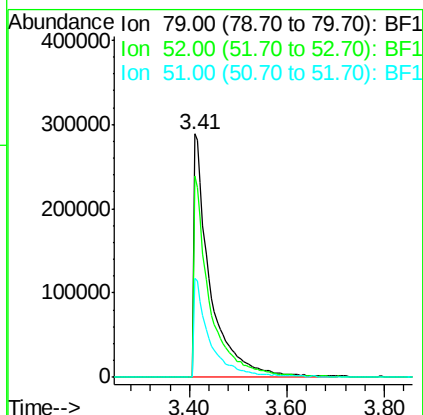
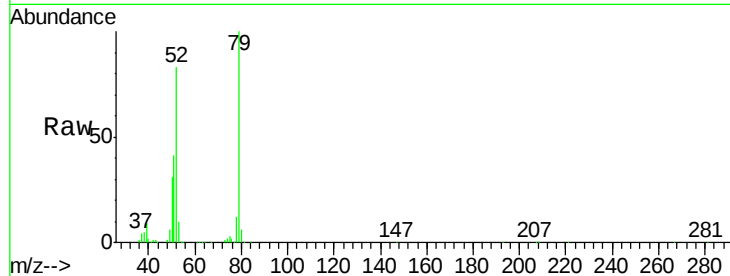




#3
 Pvridine
 Concen: 43.17 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.02 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

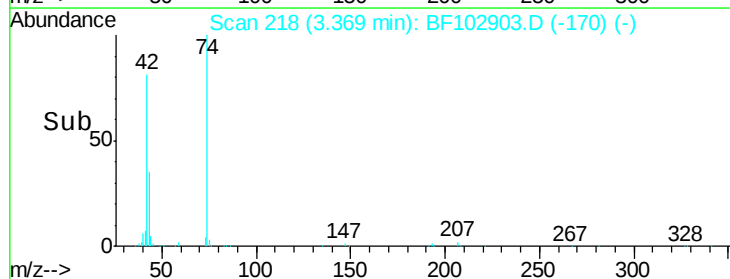
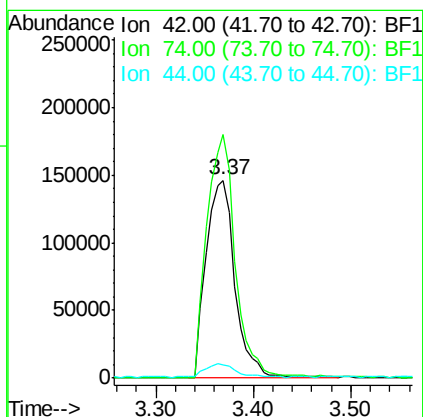
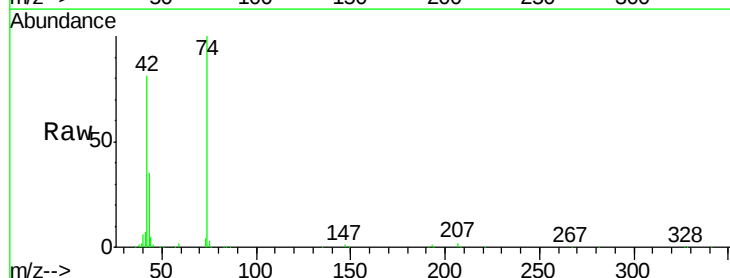
Instrument :
 BNA_F
 ClientSampleId :

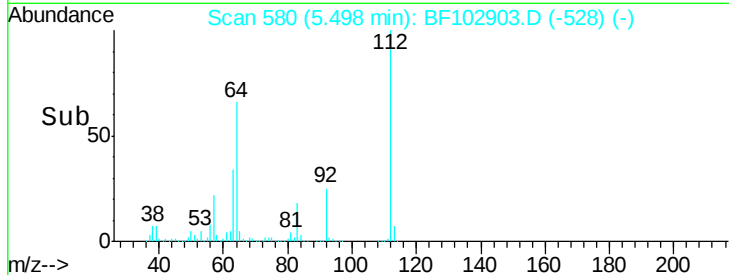
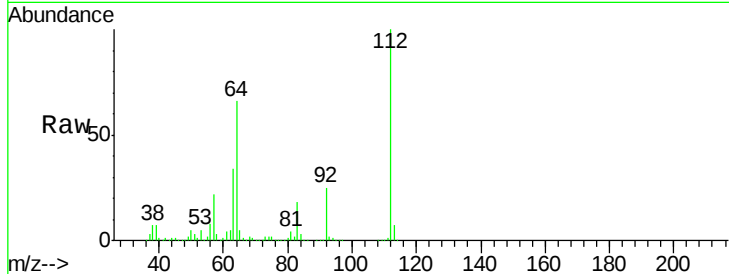
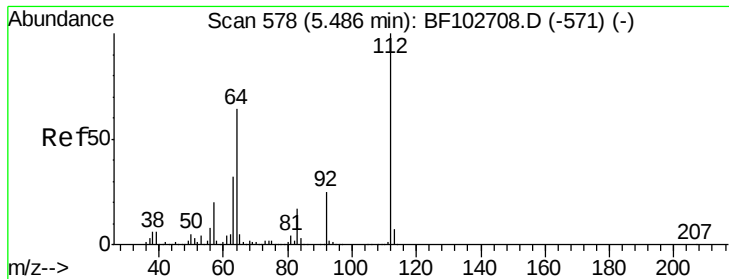
Tot Ion: 79 Resp: 694061
 Ion Ratio Lower Upper
 79 100
 52 82.6 59.8 89.6
 51 40.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 43.78 ng
 RT: 3.37 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion: 42 Resp: 301181
 Ion Ratio Lower Upper
 42 100
 74 123.2 104.9 157.3
 44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 78.87 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

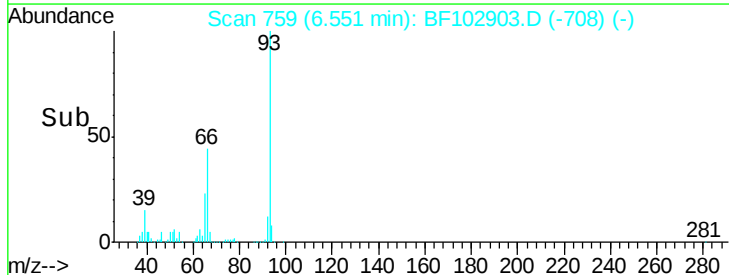
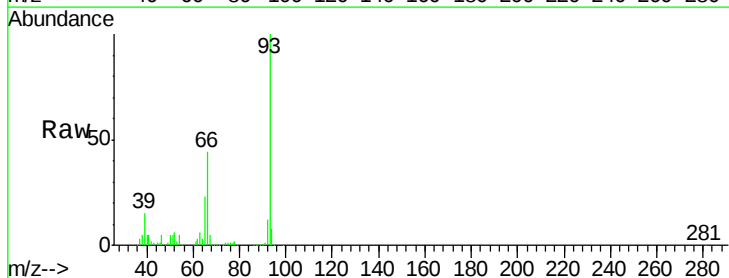
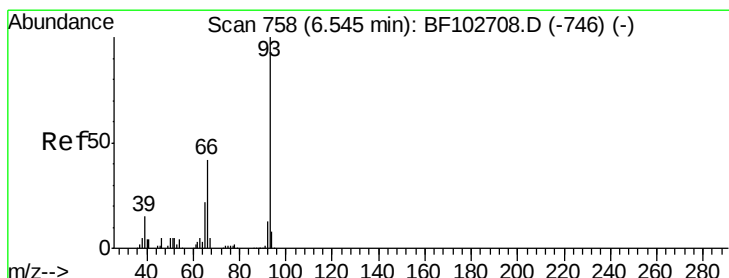
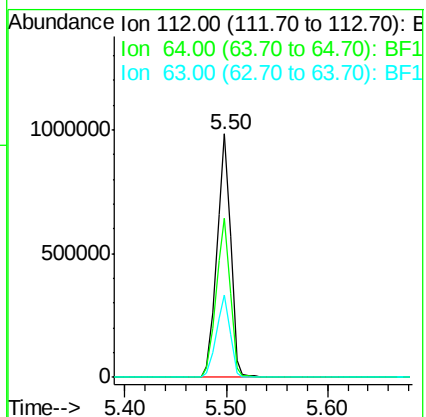
Tot Ion:112 Resp: 929254

Ion Ratio Lower Upper

112 100

64 65.5 47.9 71.9

63 33.8 23.7 35.5



#6

Aniline

Concen: 38.49 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

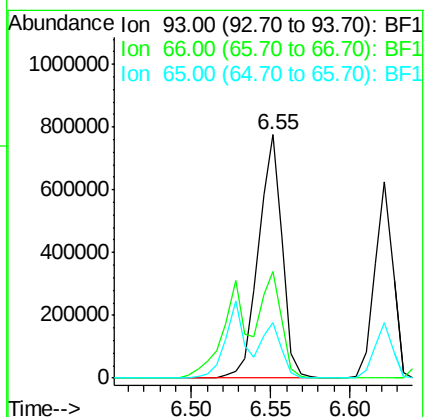
Tgt Ion: 93 Resp: 806366

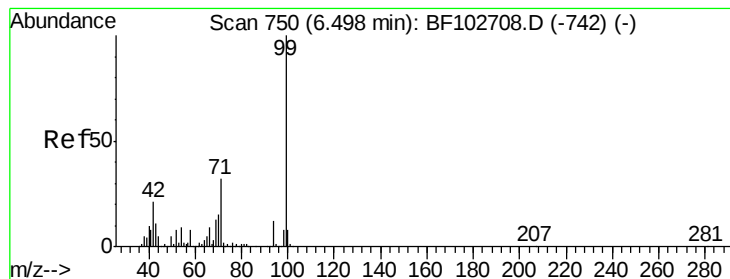
Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

65 22.6 16.4 24.6





#7

Phenol-d6

Concen: 77.31 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

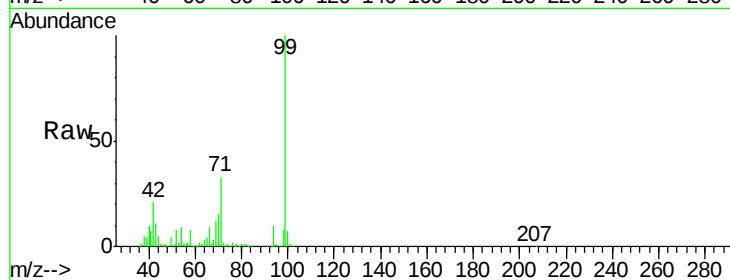
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1096799

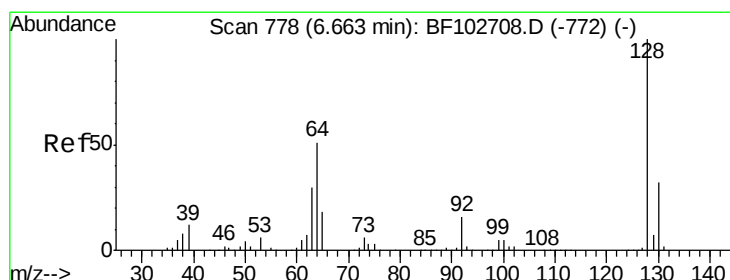
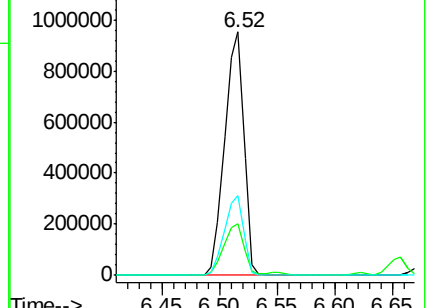
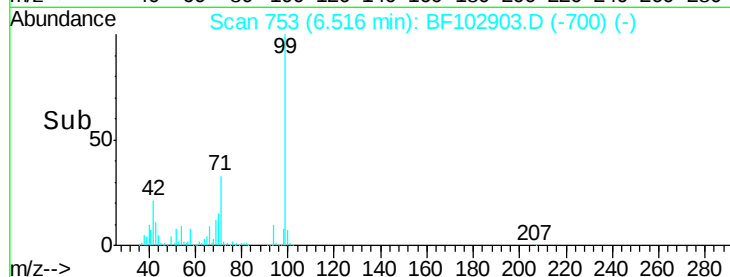
Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	32.5	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.39 ng

RT: 6.67 min Scan# 780

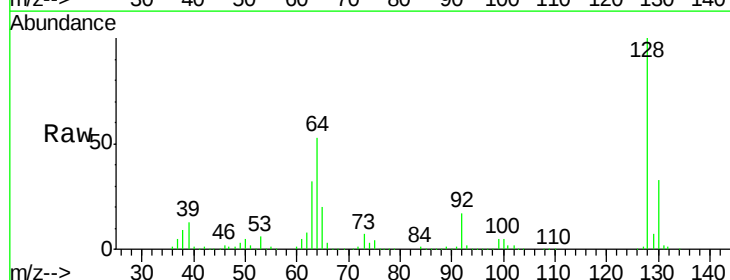
Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Tgt Ion: 128 Resp: 465697

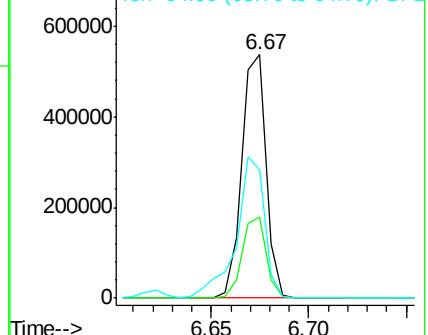
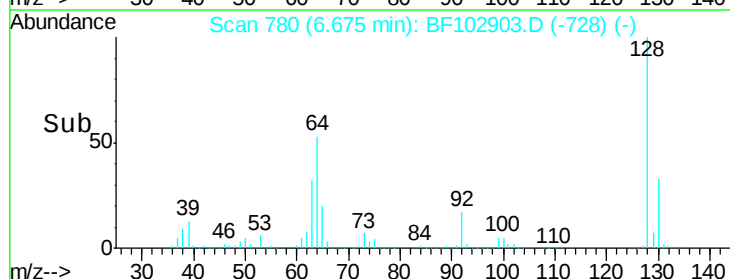
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	52.6	29.4	69.4

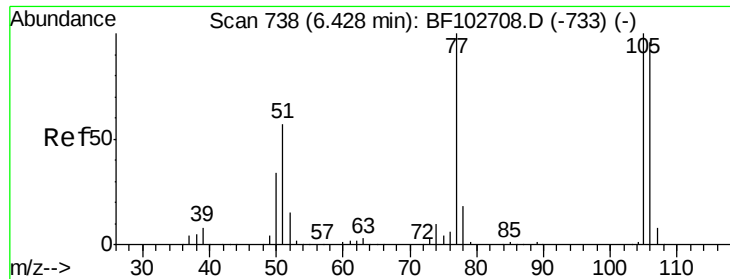


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

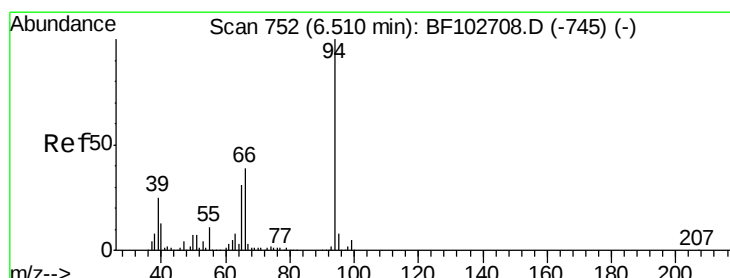
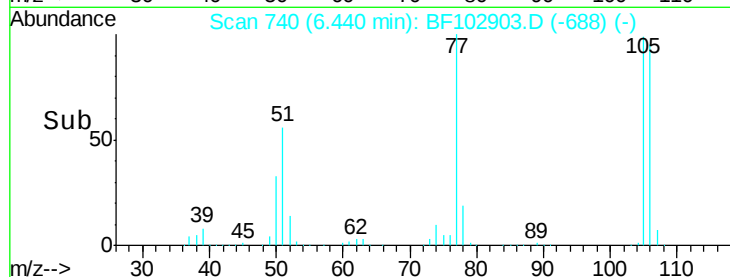
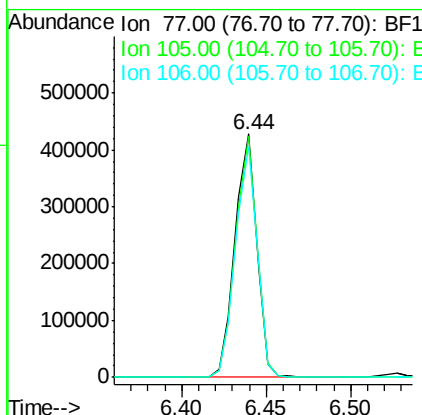
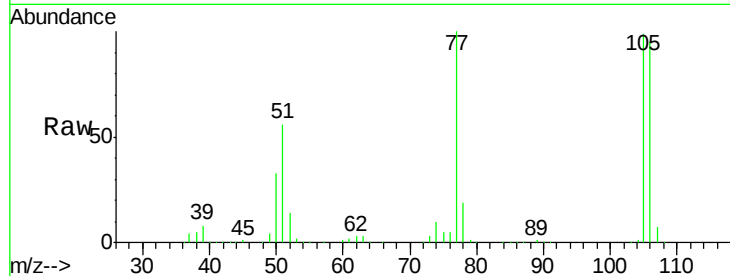




#9
Benzaldehyde
Concen: 36.37 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

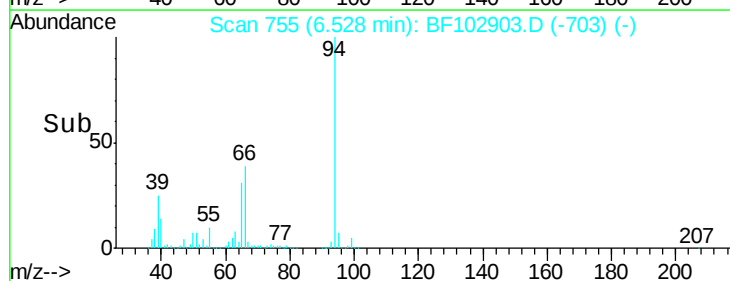
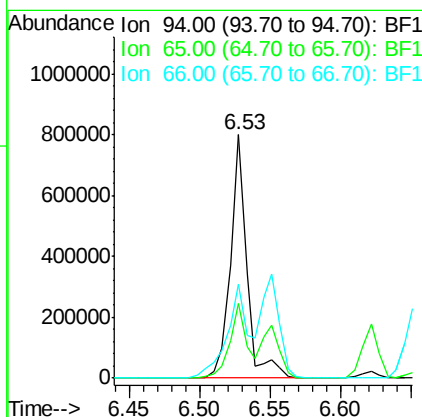
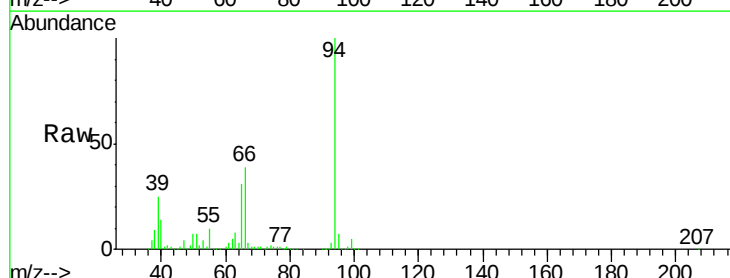
Instrument :
BNA_F
ClientSampled :

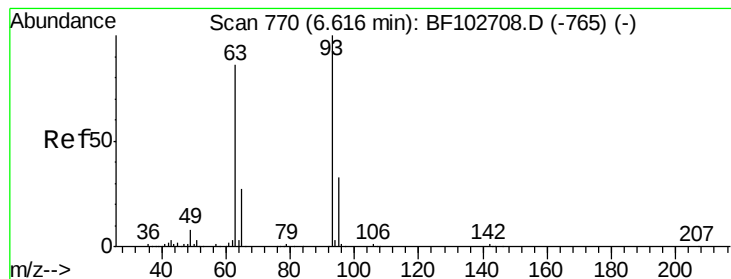
Tot Ion: 77 Resp: 383161
Ion Ratio Lower Upper
77 100
105 99.1 81.1 121.1
106 94.9 74.5 114.5



#10
Phenol
Concen: 42.60 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion: 94 Resp: 647654
Ion Ratio Lower Upper
94 100
65 30.8 7.9 47.9
66 38.8 16.2 56.2

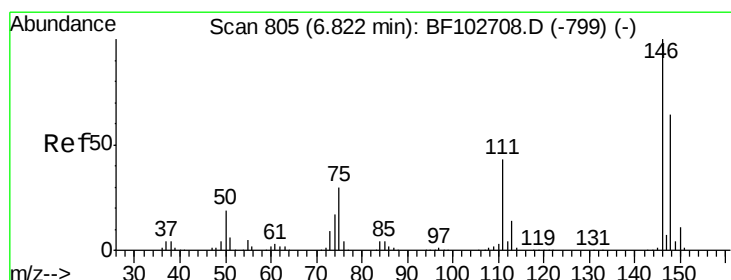
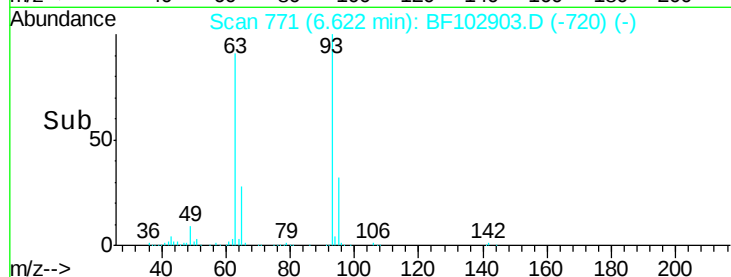
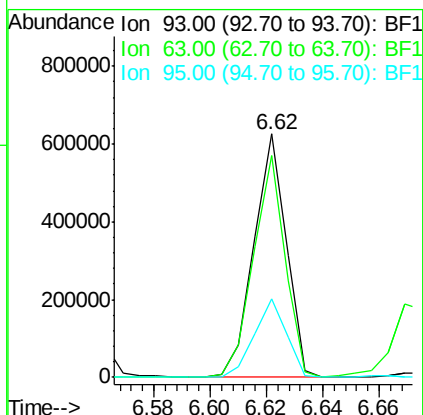
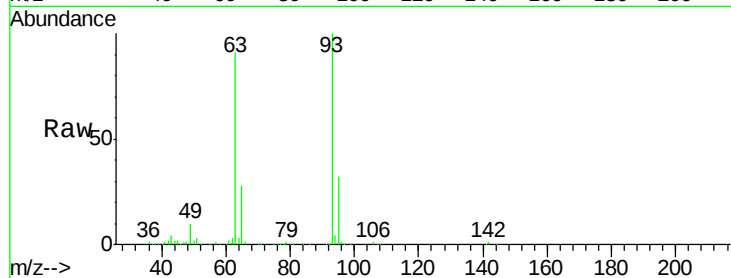




#11
bis(2-Chloroethyl)ether
Concen: 39.19 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

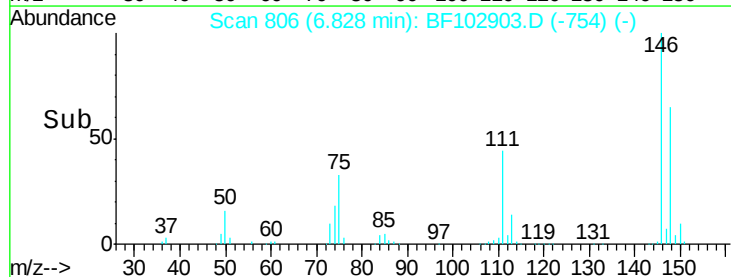
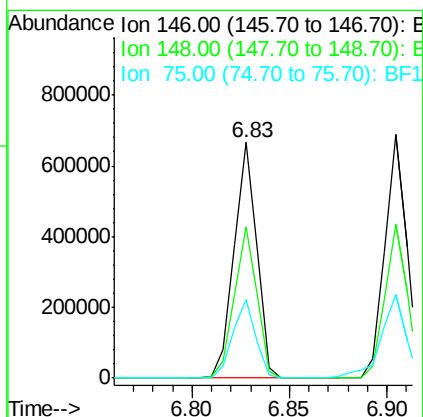
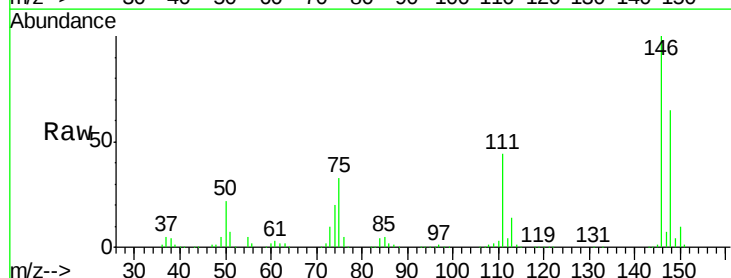
Instrument :
BNA_F
ClientSampleId :

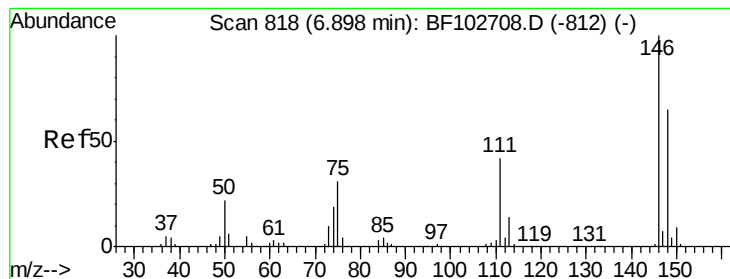
Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	58.6	98.6
95	32.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.04 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	33.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.12 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampled :

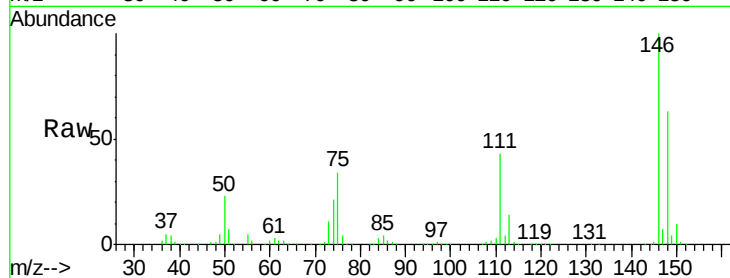
Tot Ion:146 Resp: 533396

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

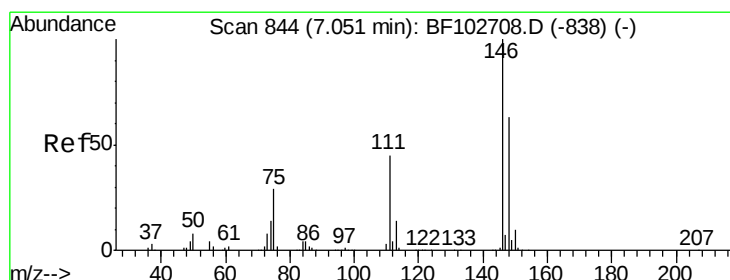
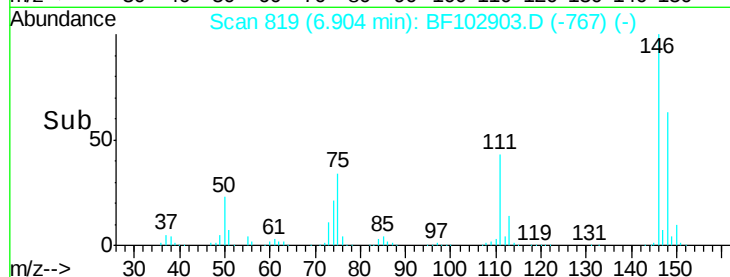
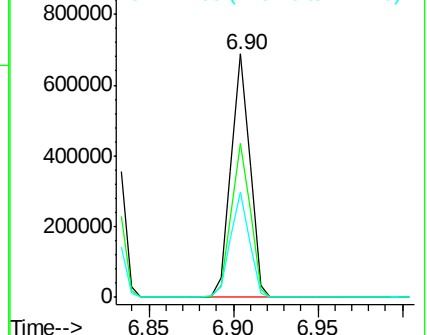
111 43.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.23 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

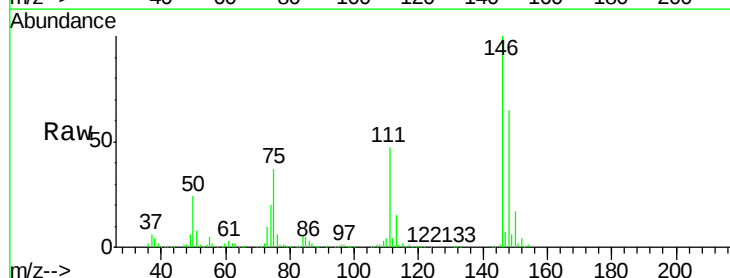
Tgt Ion:146 Resp: 485260

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

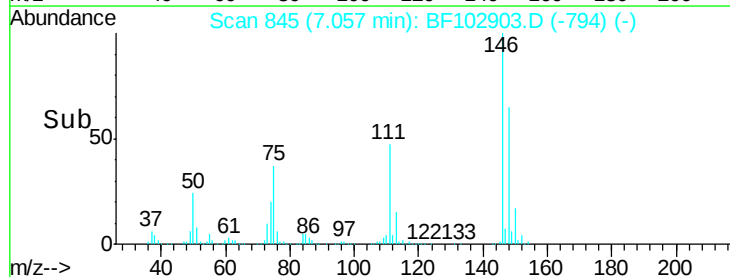
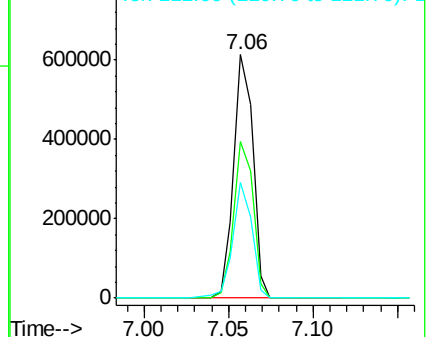
111 47.5 36.0 54.0

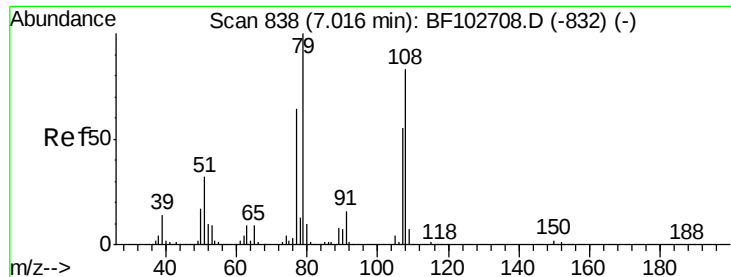


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.11 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

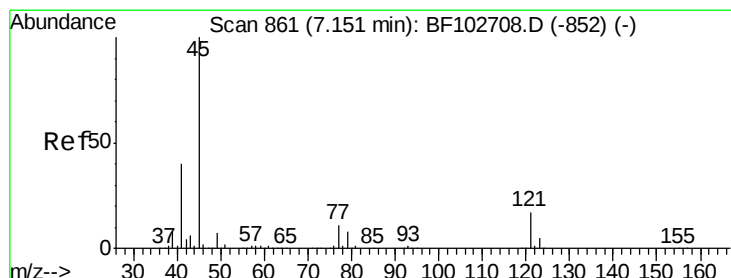
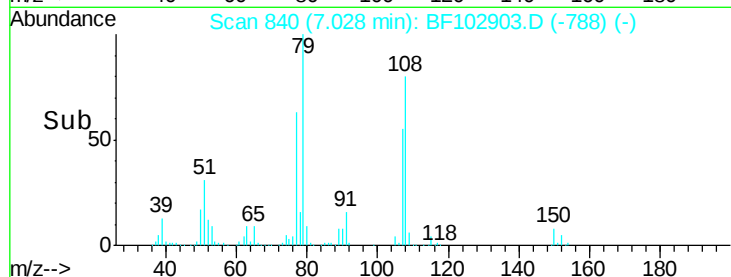
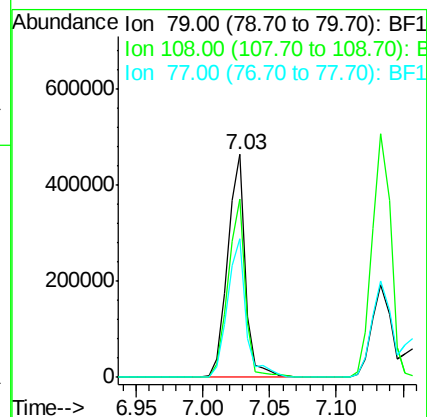
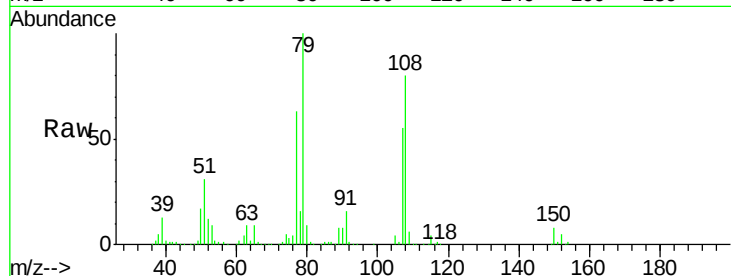
Tot Ion: 79 Resp: 437469

Ion Ratio Lower Upper

79 100

108 80.1 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.14 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

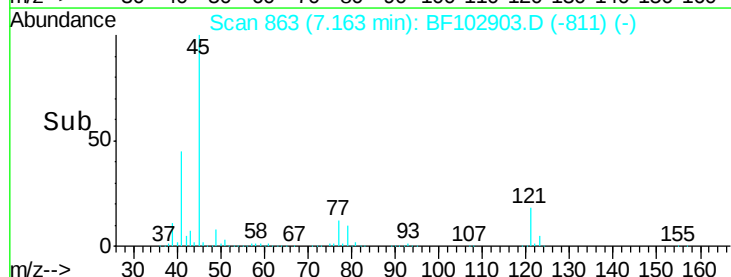
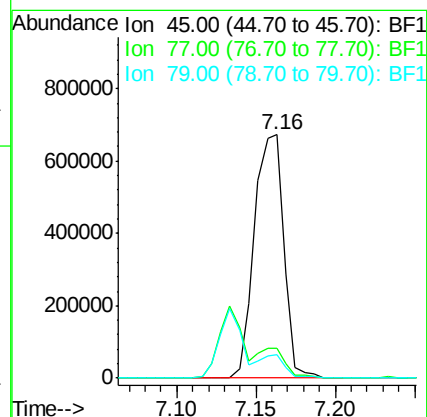
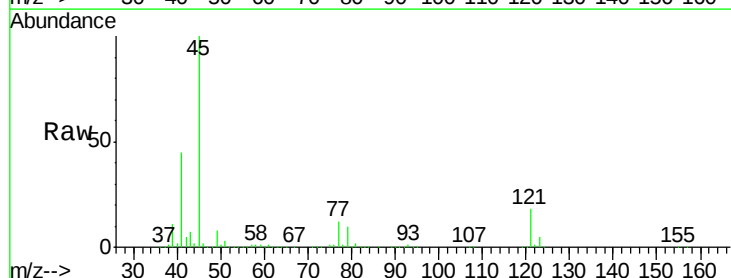
Tgt Ion: 45 Resp: 868447

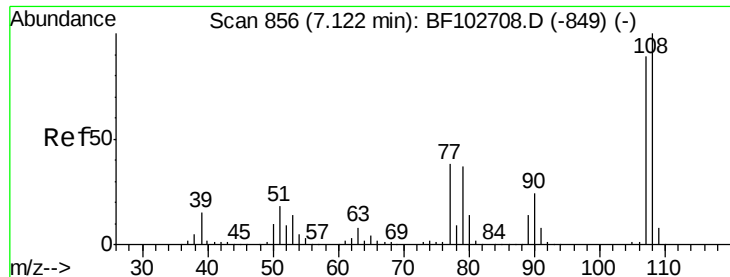
Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

79 9.7 0.0 29.6

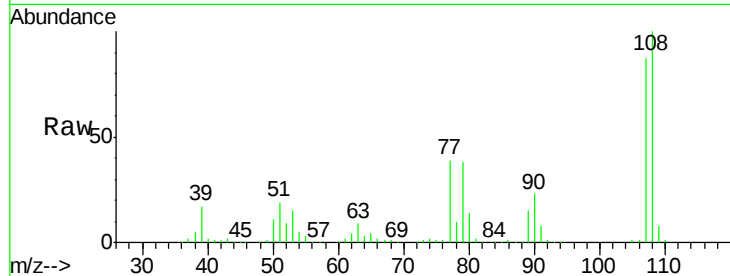




#17
2-Methylphenol
Concen: 37.57 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	45.6	33.8	50.8
79	44.0	33.8	50.8



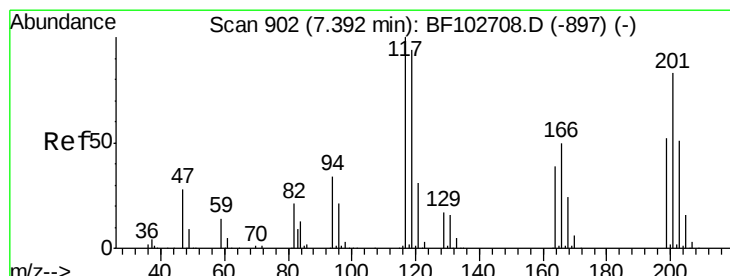
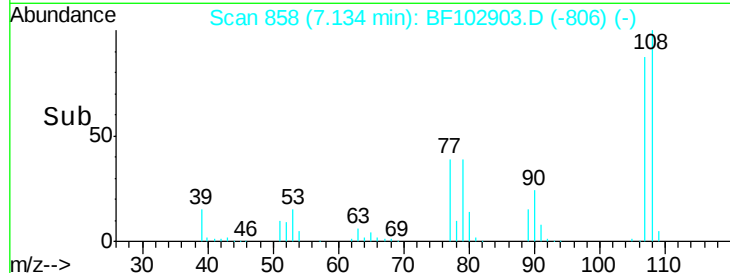
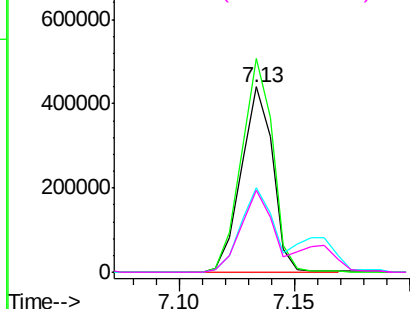
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

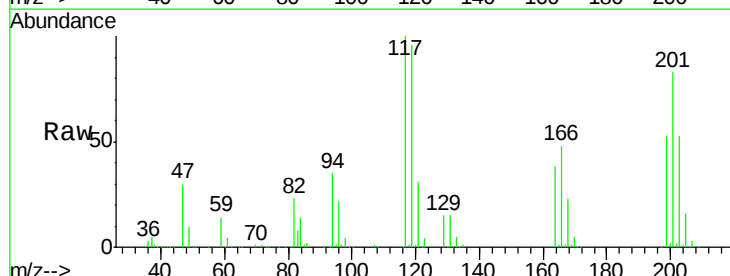
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.08 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	83.4	75.7	113.5

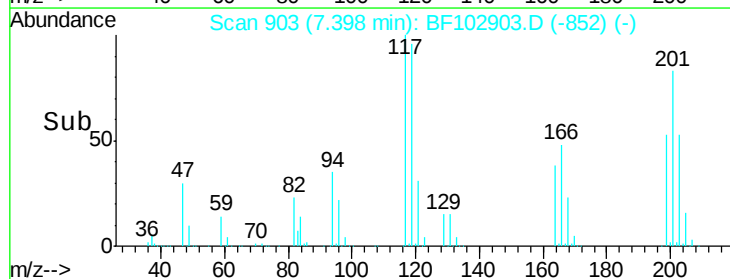
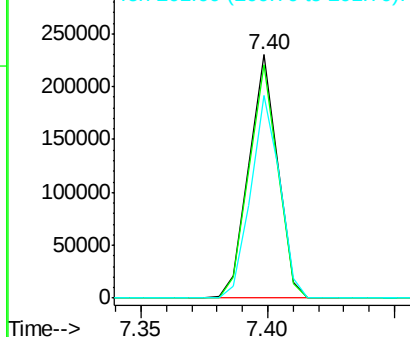


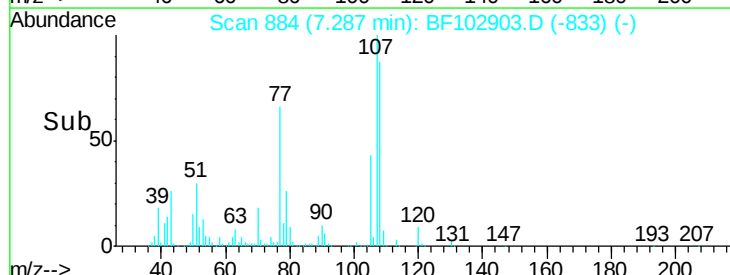
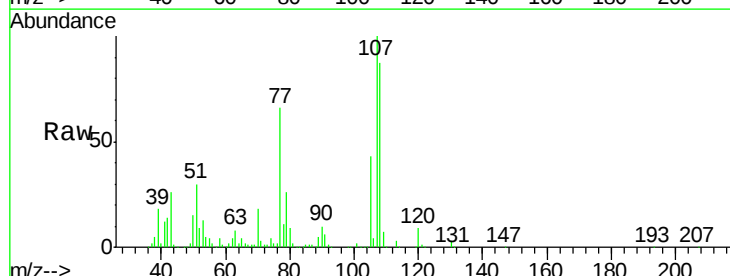
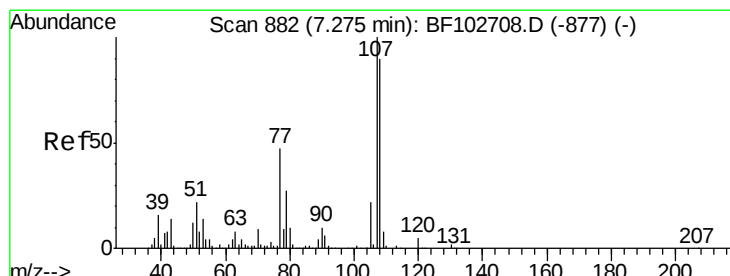
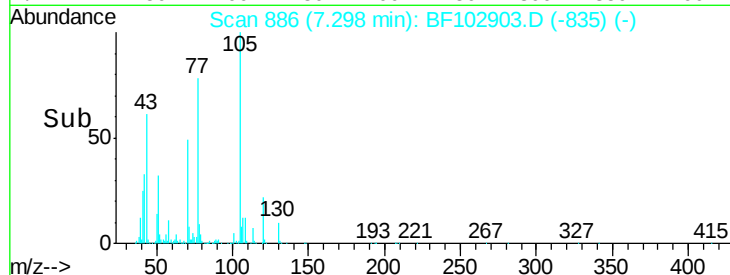
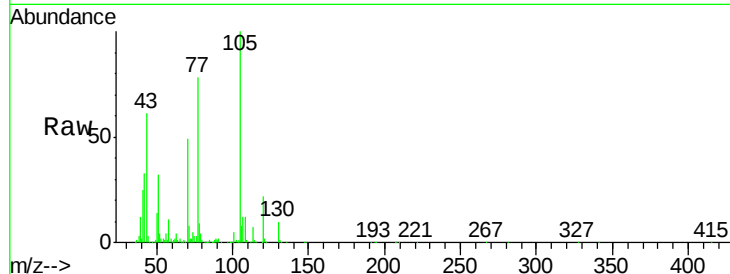
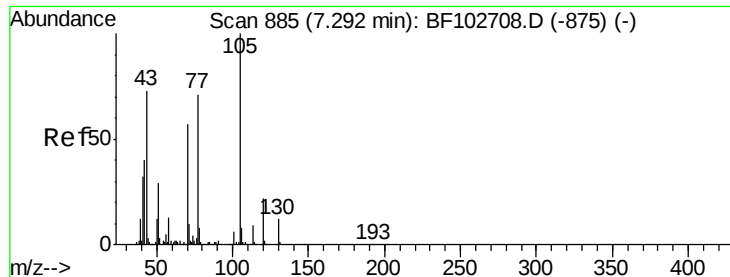
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

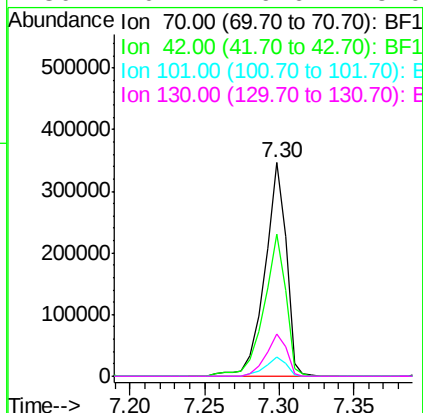




#19
n-Nitroso-di-n-propylamine
Concen: 36.36 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

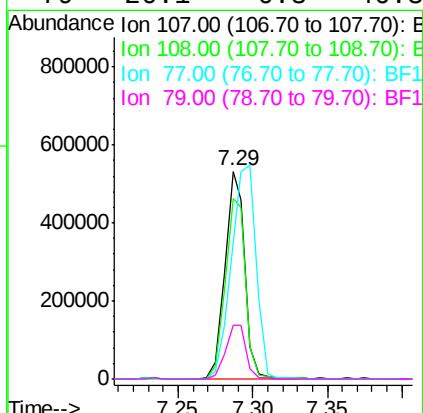
Instrument :
BNA_F
ClientSampleId :

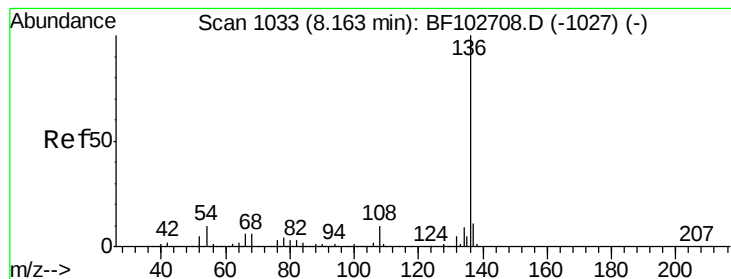
Tot Ion:	70	Resp:	340064
Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.5	71.3
101	9.3	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.25 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:	107	Resp:	500175
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	66.0	26.7	66.7
79	26.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 713648

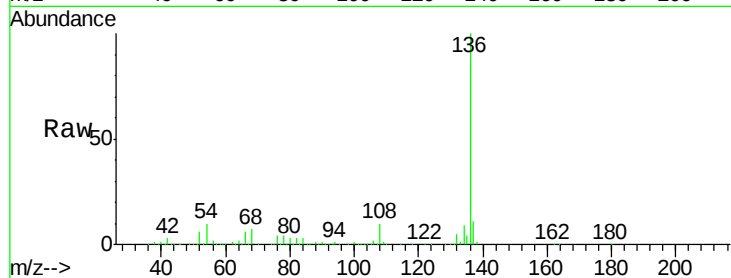
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.1 6.6 9.8#

68 6.6 5.0 7.4

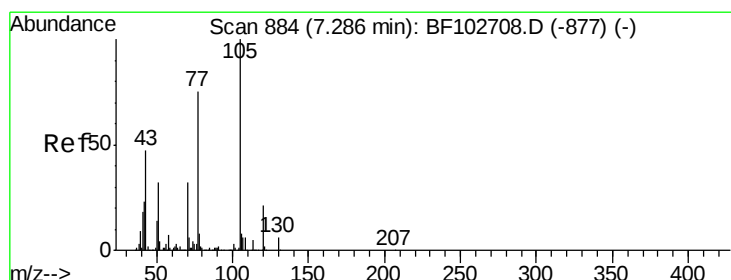
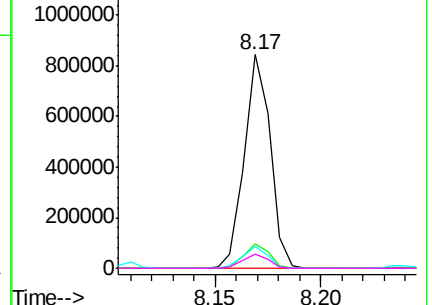
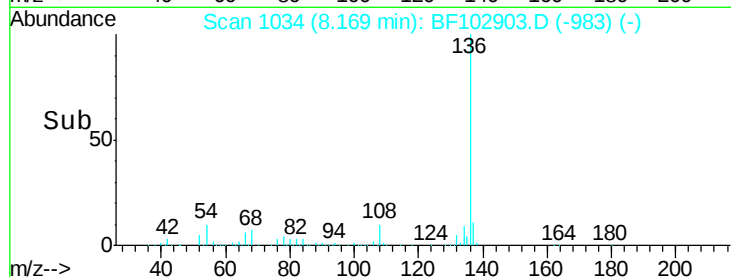


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.88 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Tgt Ion:105 Resp: 644089

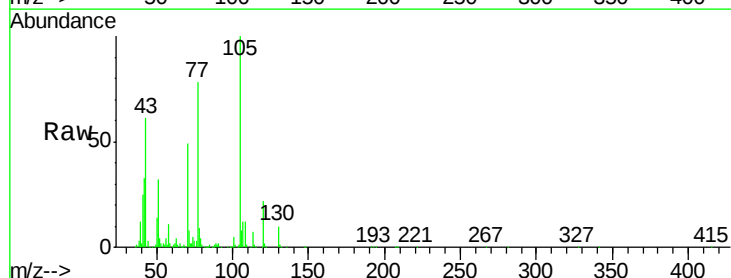
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 32.3 22.3 33.5

120 21.9 16.9 25.3

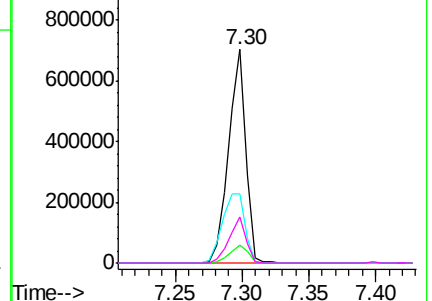
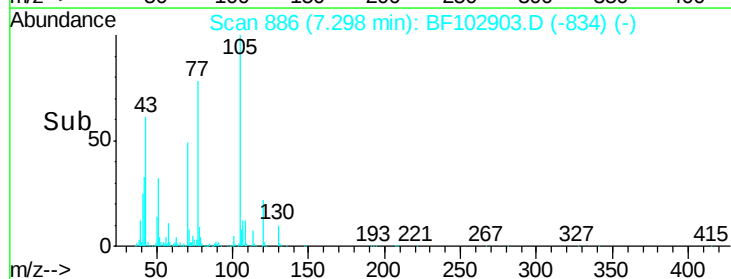


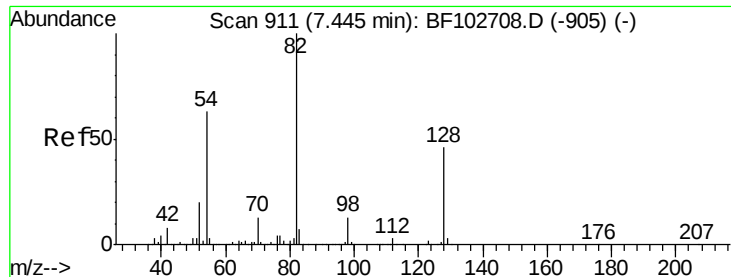
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

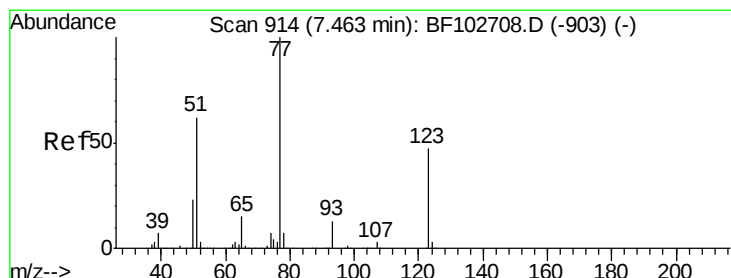
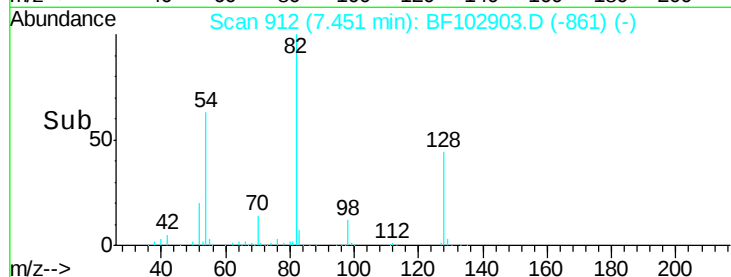
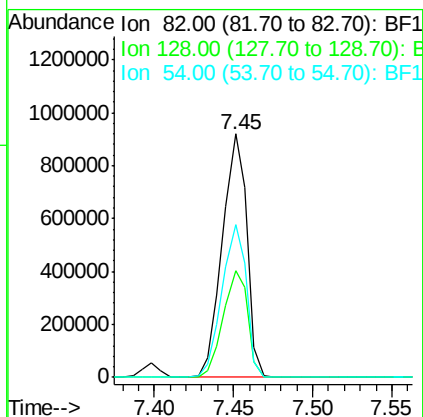
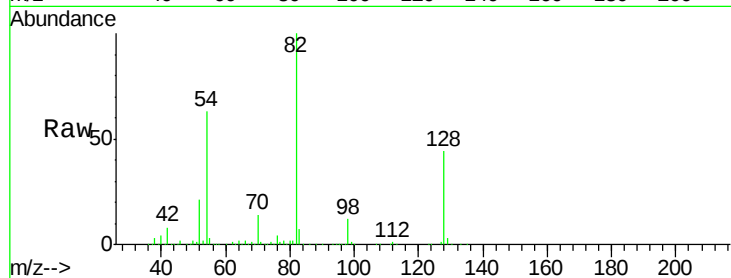




#23
 Nitrobenzene-d5
 Concen: 96.11 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

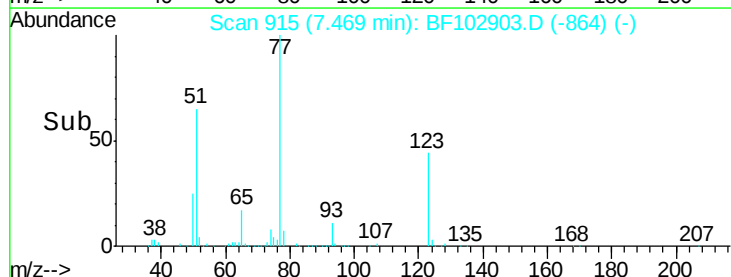
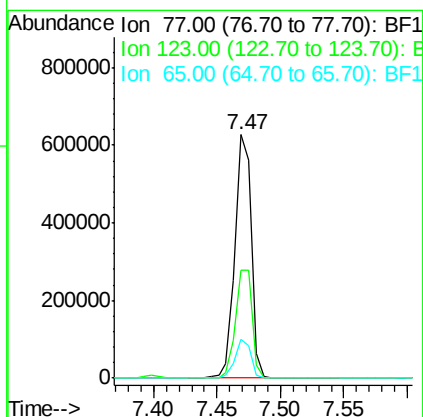
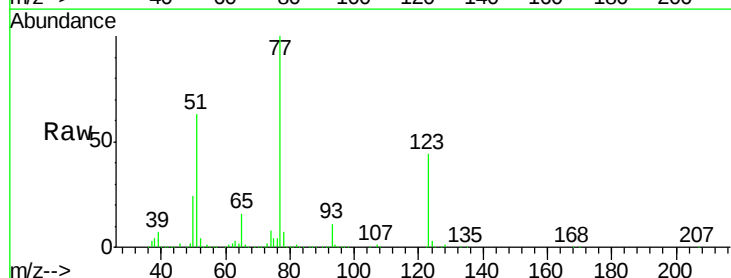
Instrument :
 BNA_F
 ClientSampleId :

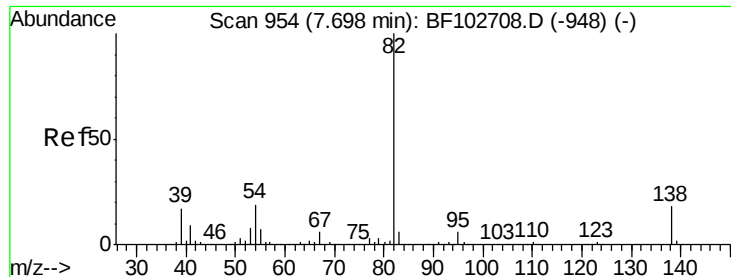
Tot Ion: 82 Resp: 988731
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 62.9 41.4 62.2#



#24
 Nitrobenzene
 Concen: 45.35 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion: 77 Resp: 548815
 Ion Ratio Lower Upper
 77 100
 123 44.2 37.9 56.9
 65 15.9 11.0 16.4





#25

Isophorone

Concen: 38.94 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :
BNA_F
ClientSampleId :

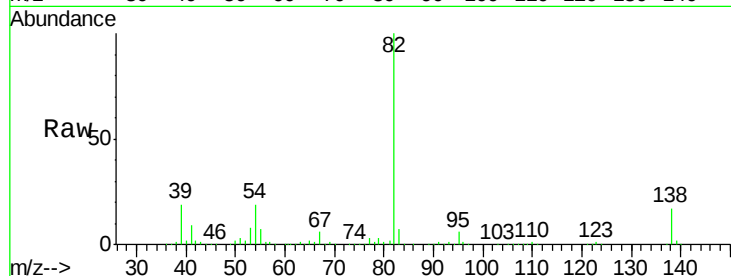
Tot Ion: 82 Resp: 922419

Ion Ratio Lower Upper

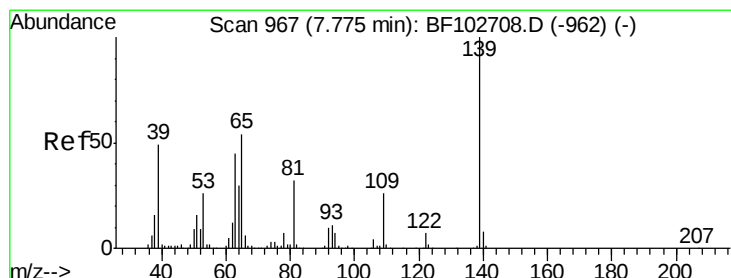
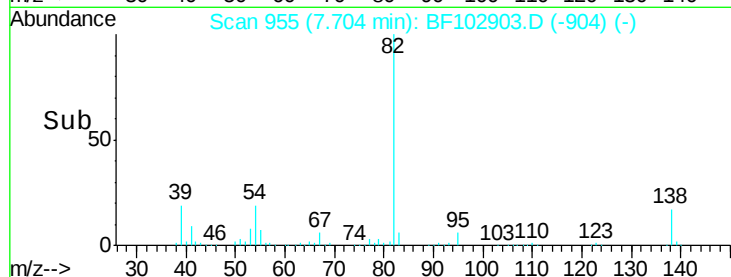
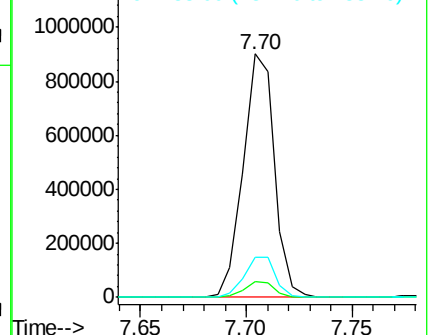
82 100

95 6.4 5.2 7.8

138 16.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.73 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

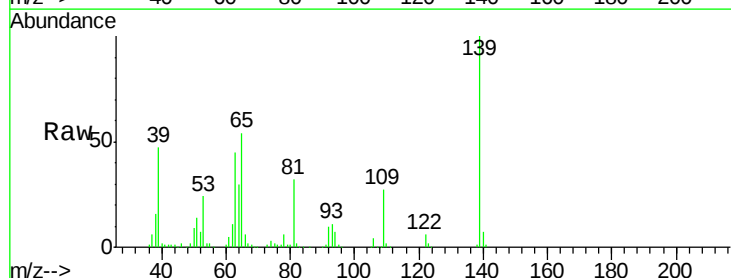
Tgt Ion: 139 Resp: 243040

Ion Ratio Lower Upper

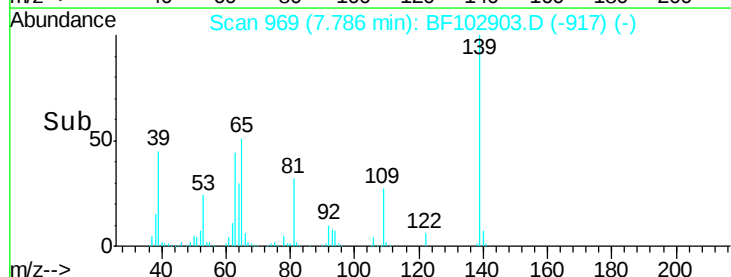
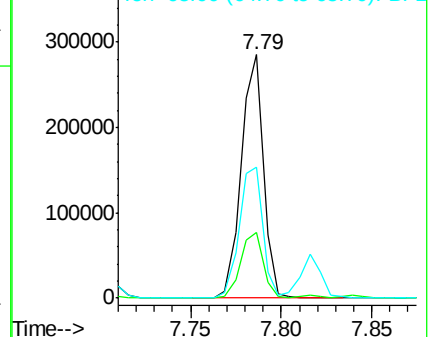
139 100

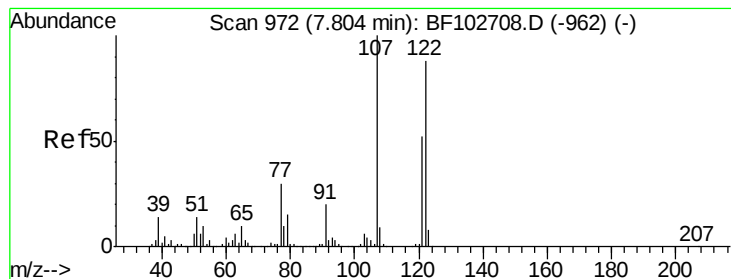
109 26.8 22.7 34.1

65 53.9 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

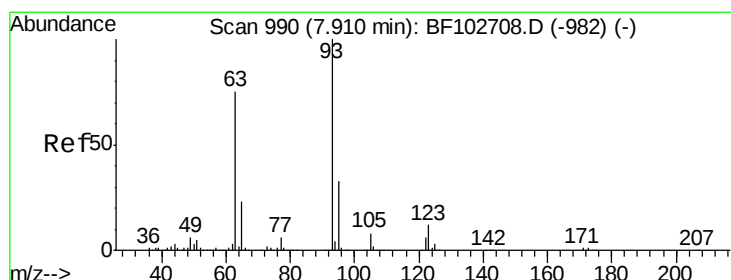
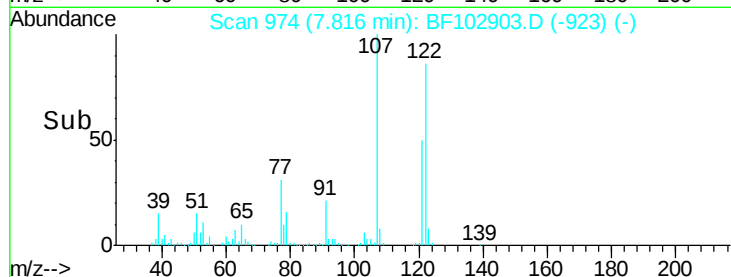
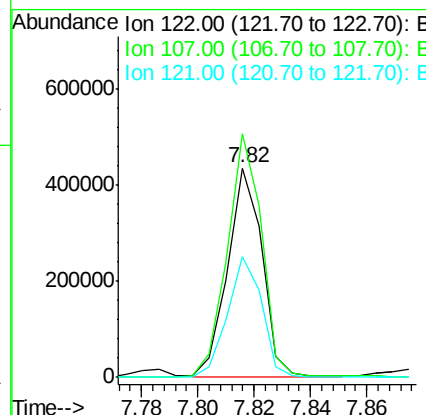
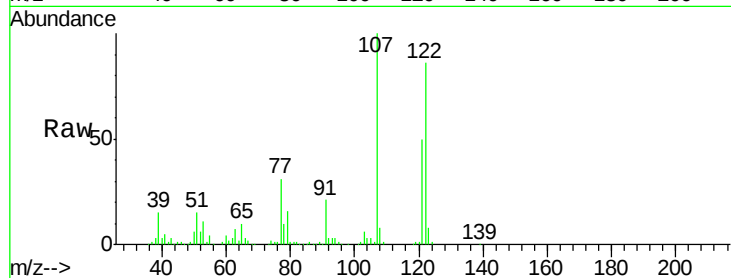




#27
 2,4-Dimethylphenol
 Concen: 37.05 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

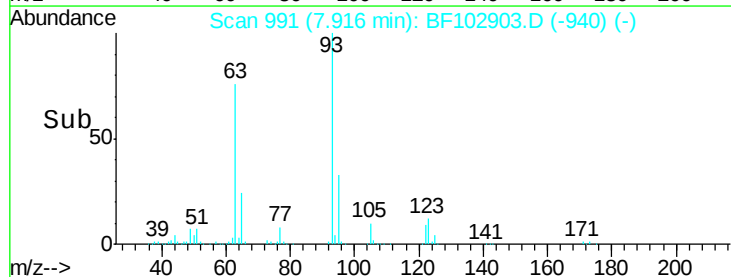
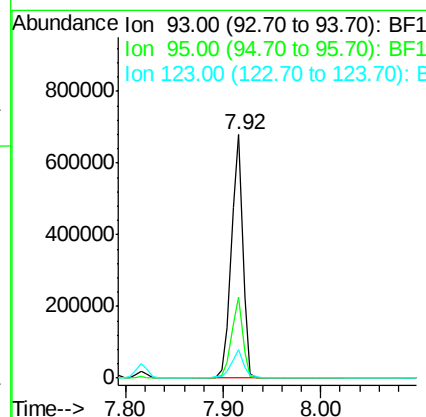
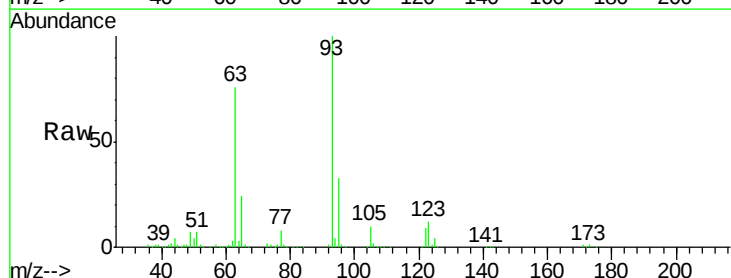
Instrument :
 BNA_F
 ClientSampleId :

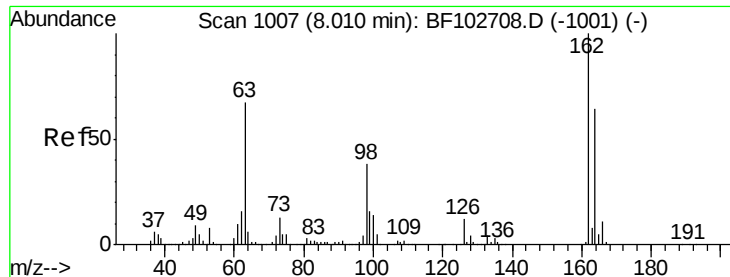
Tot Ion:122 Resp: 370783
 Ion Ratio Lower Upper
 122 100
 107 116.3 91.2 136.8
 121 57.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.61 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion: 93 Resp: 555879
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 11.6 9.8 14.6

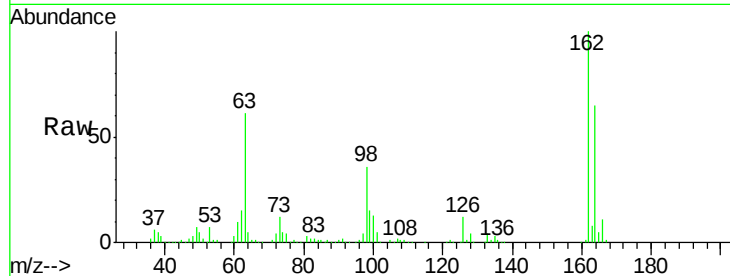




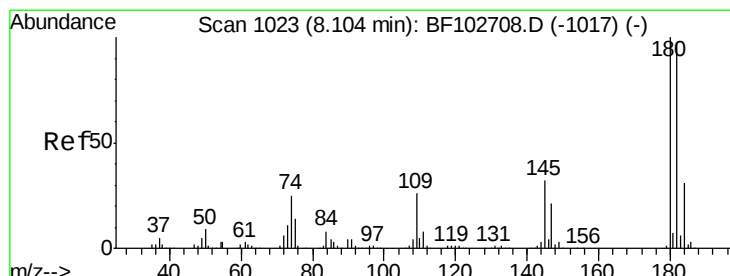
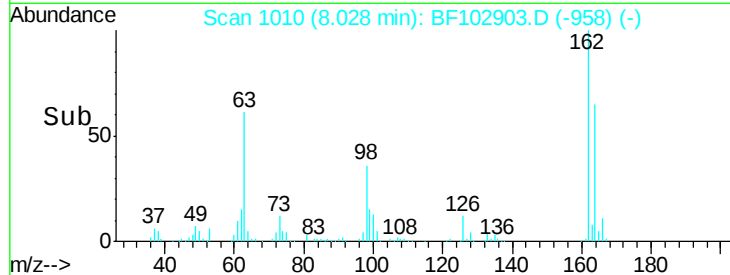
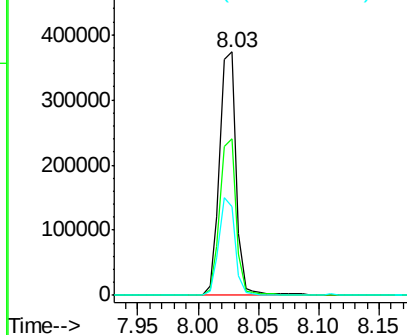
#29
 2,4-Dichlorophenol
 Concen: 39.05 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	36.5	18.1	58.1

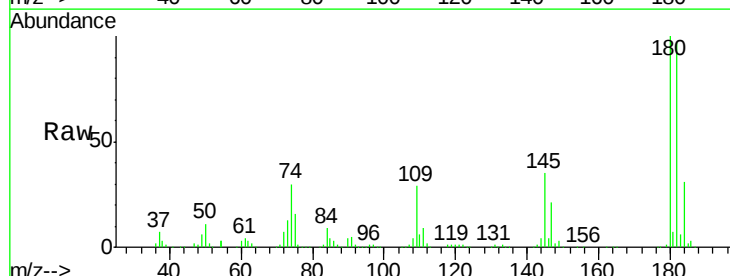


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

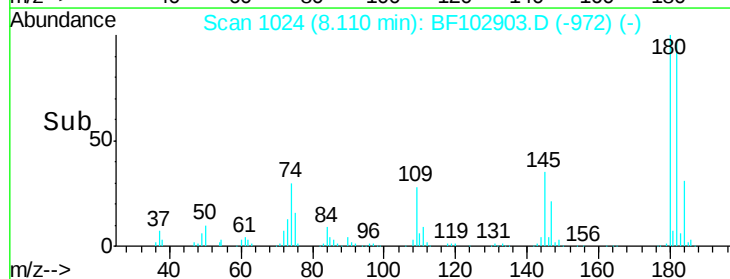
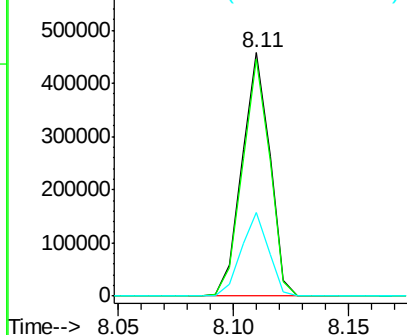


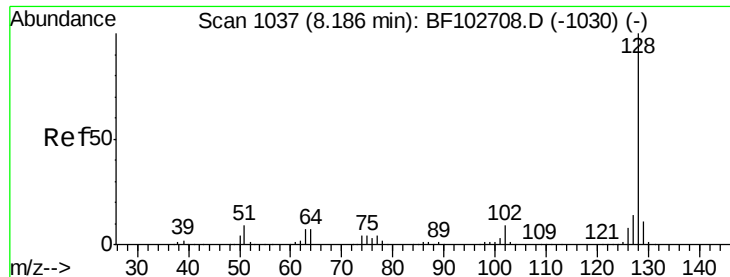
#30
 1,2,4-Trichlorobenzene
 Concen: 37.41 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	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: 37.57 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

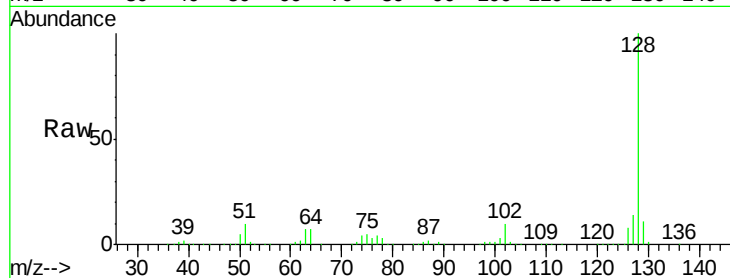
Tot Ion:128 Resp: 1310014

Ion Ratio Lower Upper

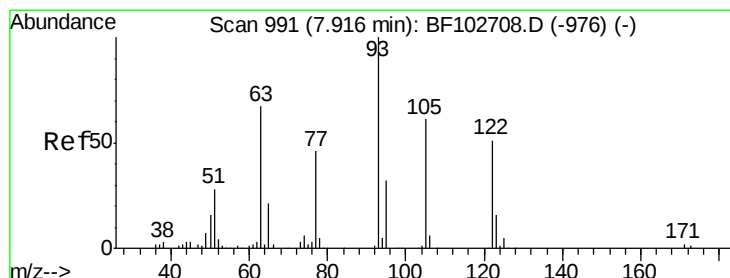
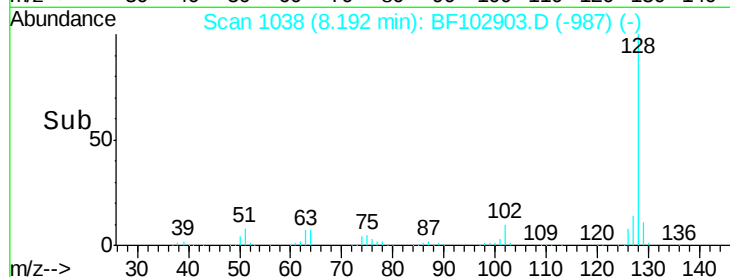
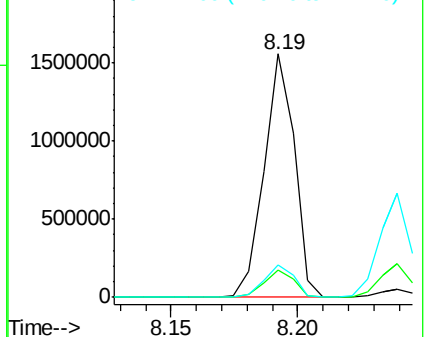
128 100

129 11.3 8.8 13.2

127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.51 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

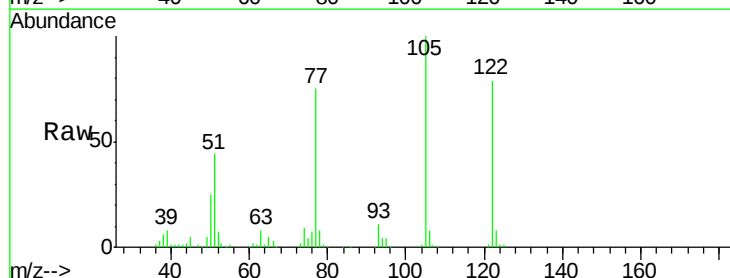
Tgt Ion:122 Resp: 267019

Ion Ratio Lower Upper

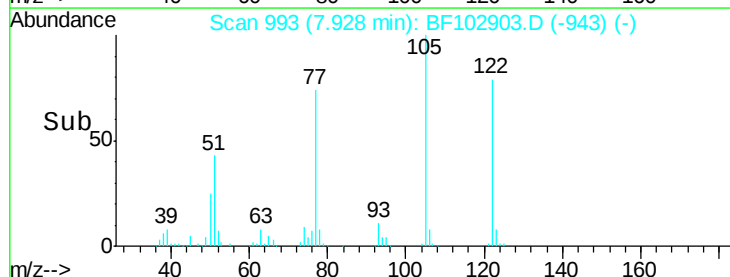
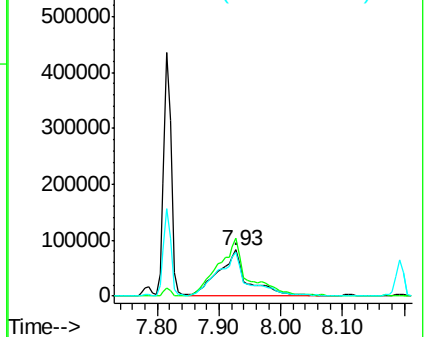
122 100

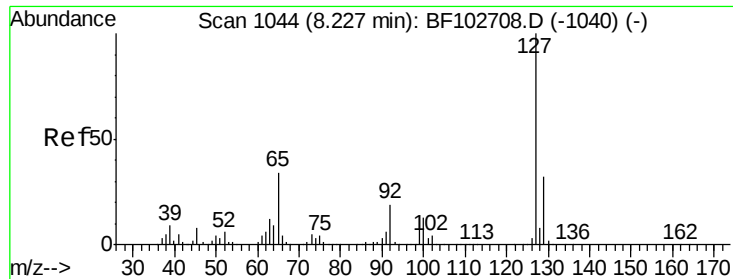
105 125.8 101.1 141.1

77 94.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

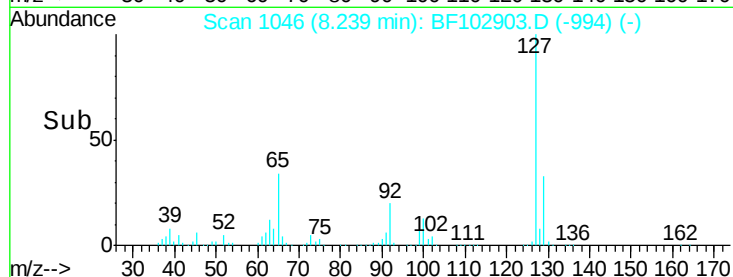
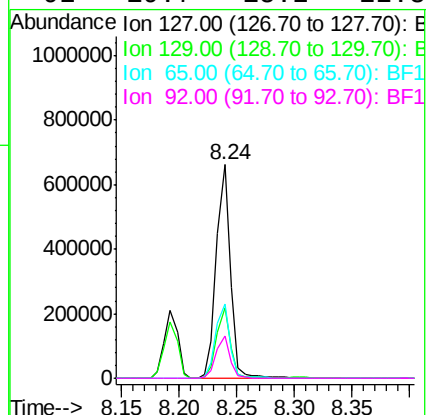
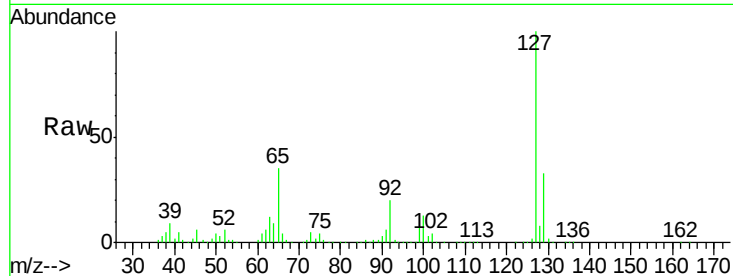




#33
4-Chloroaniline
Concen: 37.47 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

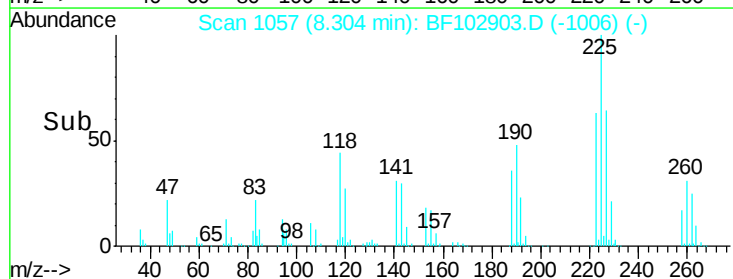
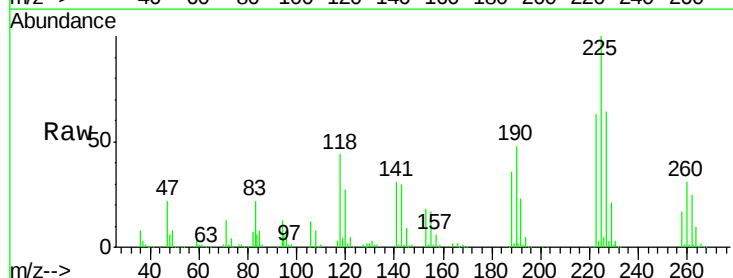
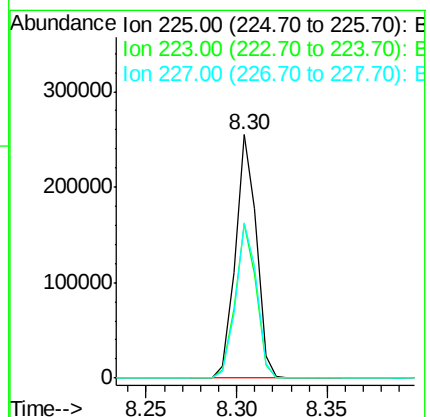
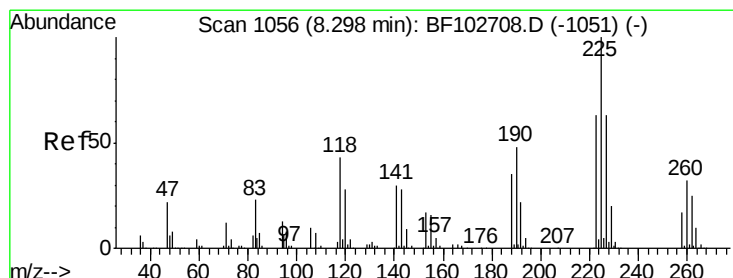
Instrument :
BNA_F
ClientSampled :

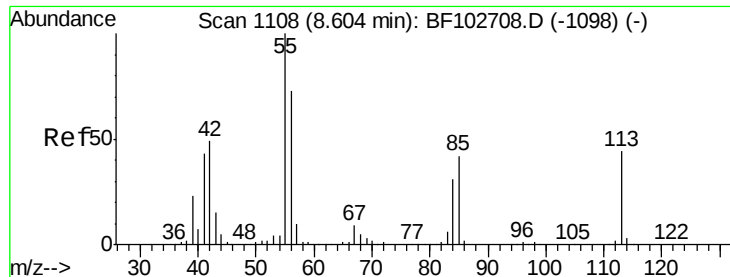
Tot Ion:	127	Resp:	562867
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	34.6	25.0	37.4
92	19.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.95 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:	225	Resp:	205416
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.7	51.9	77.9





#35

Caprolactam

Concen: 37.49 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampled :

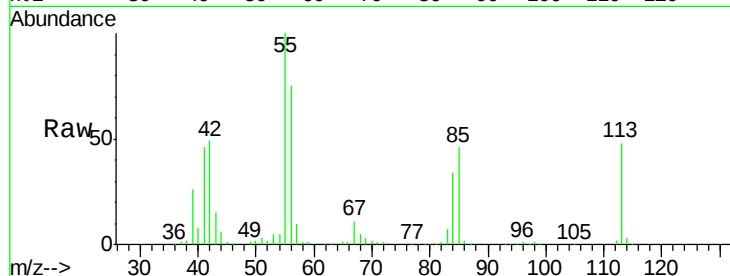
Tot Ion:113 Resp: 118451

Ion Ratio Lower Upper

113 100

55 207.8 163.3 203.3#

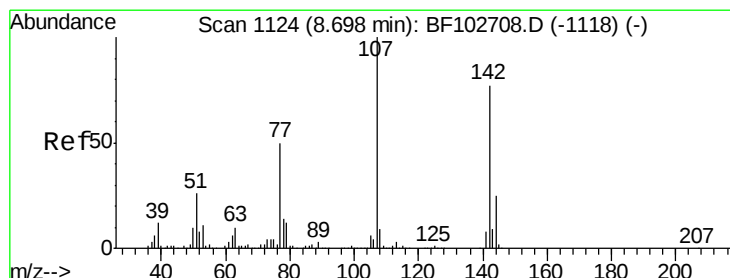
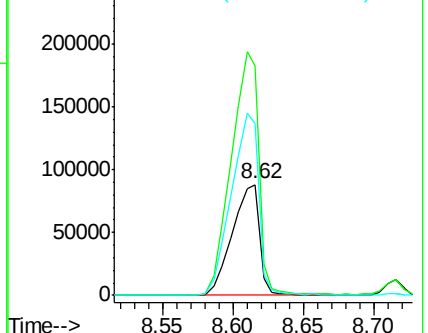
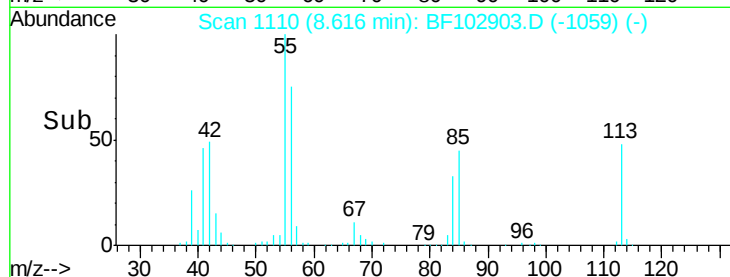
56 154.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.22 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

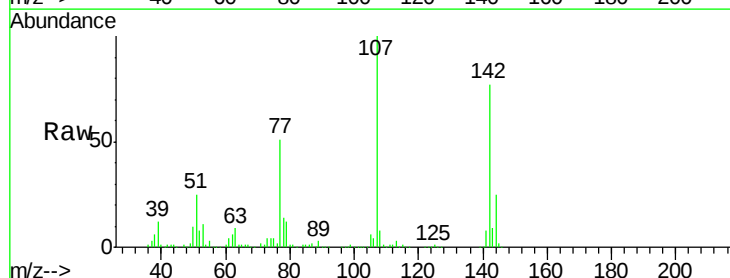
Tgt Ion:107 Resp: 390726

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

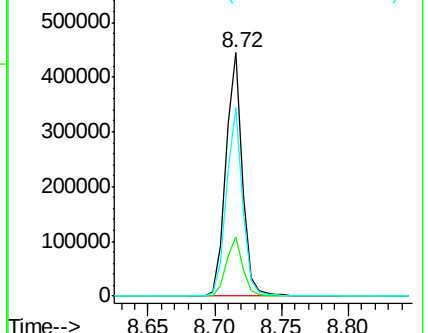
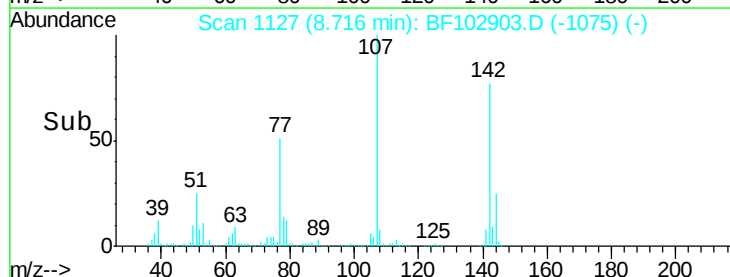
142 77.5 62.0 93.0

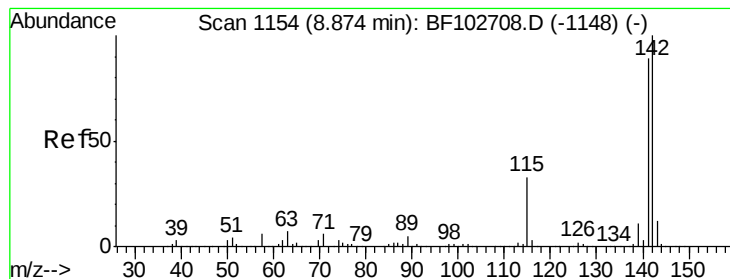


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.06 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

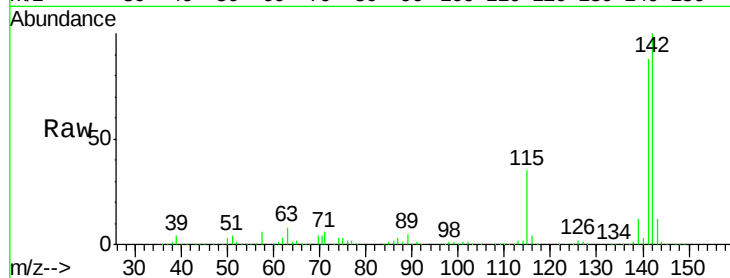
Tot Ion:142 Resp: 823145

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

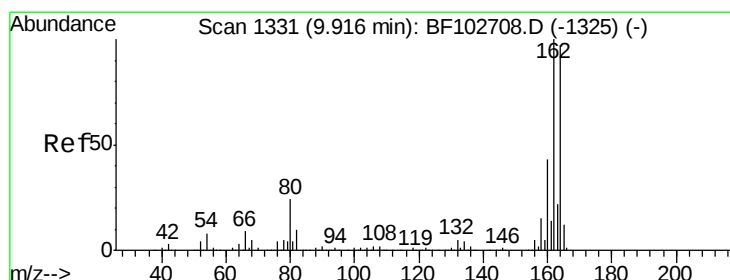
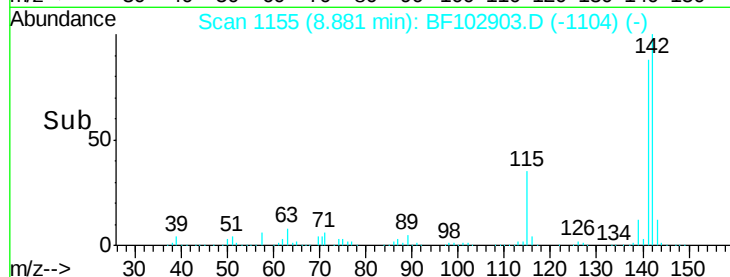
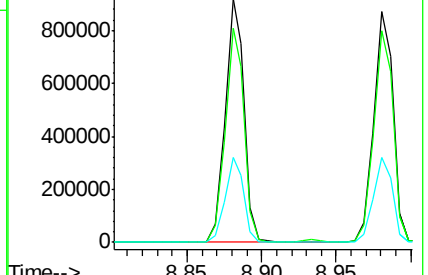
115 35.0 26.1 39.1



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: 20.00 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

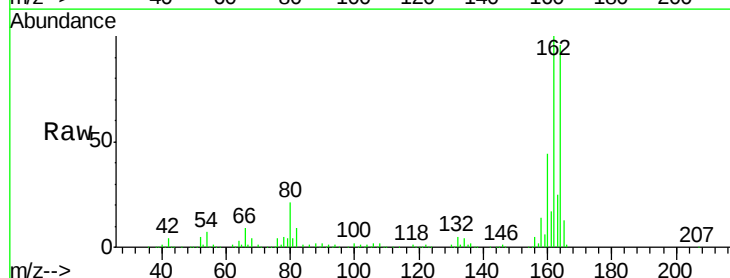
Tgt Ion:164 Resp: 287889

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

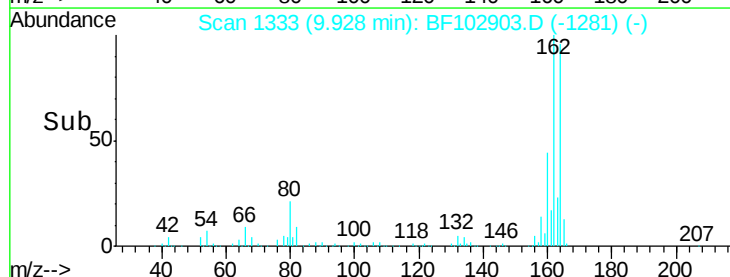
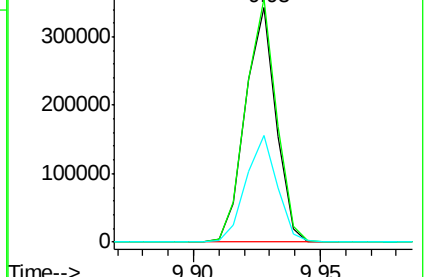
160 45.3 38.3 57.5

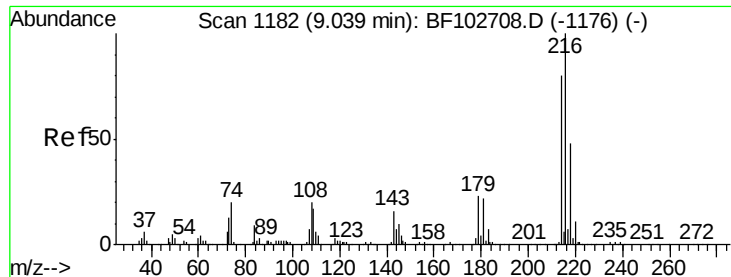


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

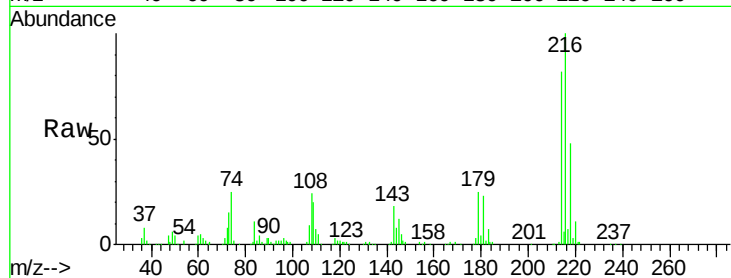




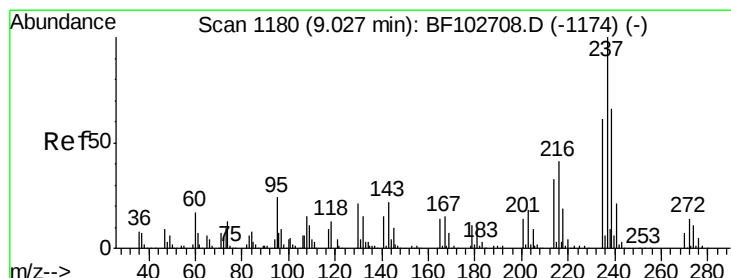
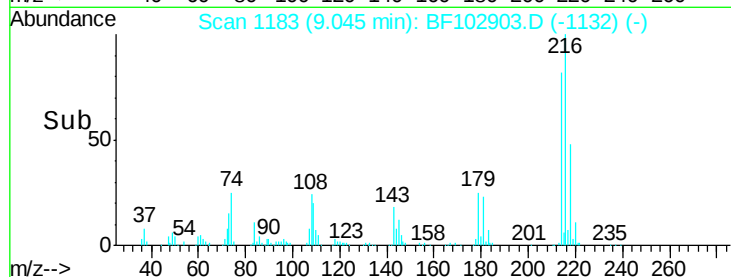
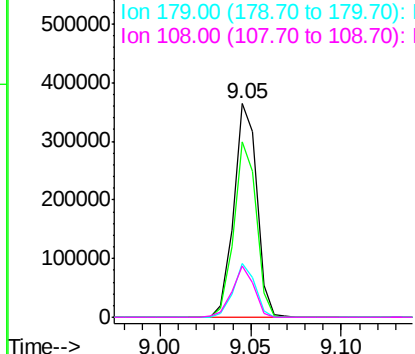
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.01 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 321478
 Ion Ratio Lower Upper
 216 100
 214 80.1 63.0 94.4
 179 23.6 18.1 27.1
 108 23.0 17.2 25.8

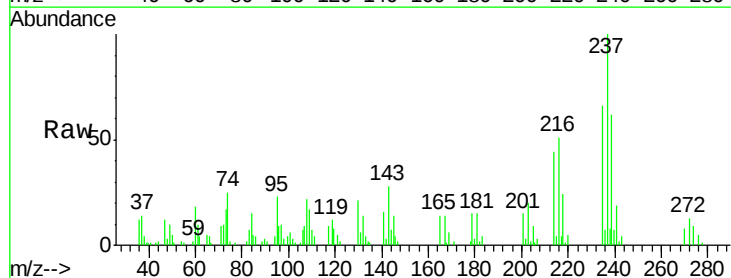


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

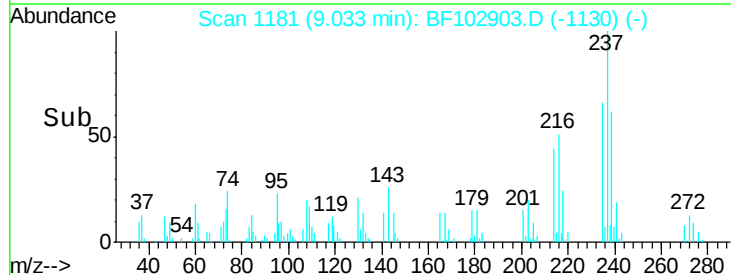
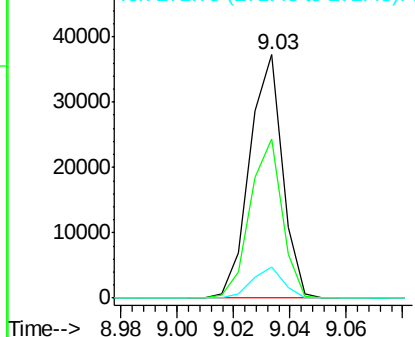


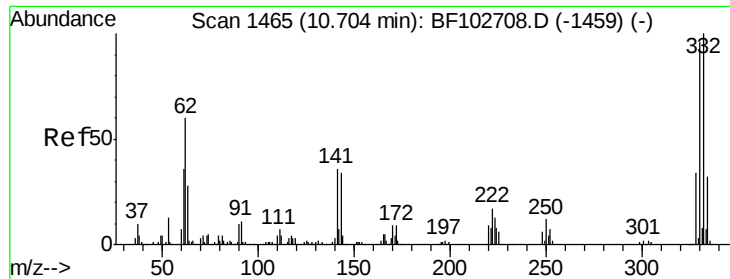
#40
 Hexachlorocyclopentadiene
 Concen: 8.04 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:237 Resp: 29971
 Ion Ratio Lower Upper
 237 100
 235 65.5 44.8 84.8
 272 12.8 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

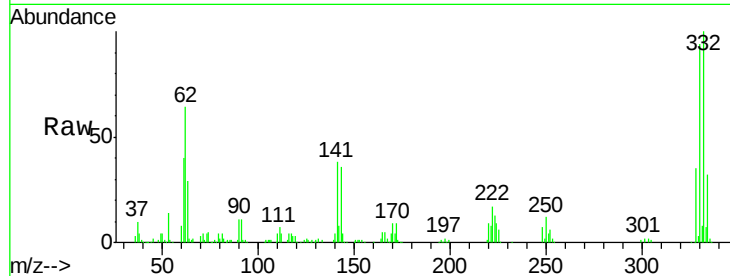




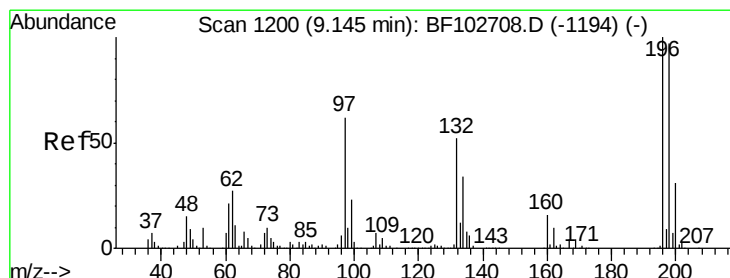
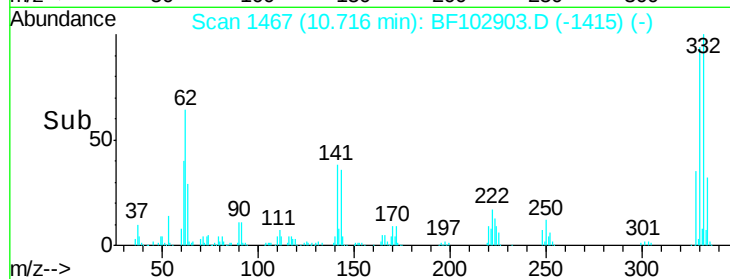
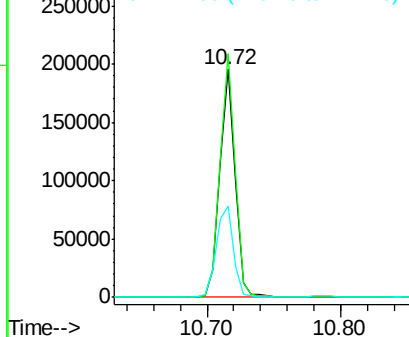
#41
 2,4,6-Tribromophenol
 Concen: 69.46 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 160954
 Ion Ratio Lower Upper
 330 100
 332 105.5 77.0 115.6
 141 44.6 29.9 44.9

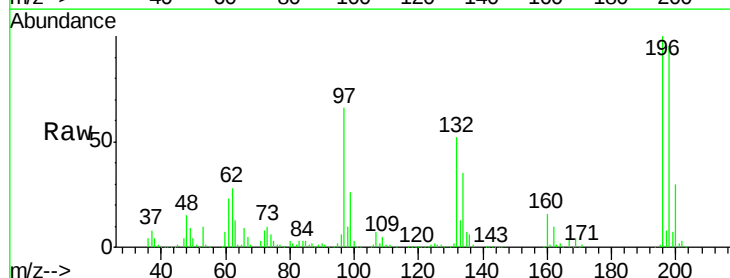


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

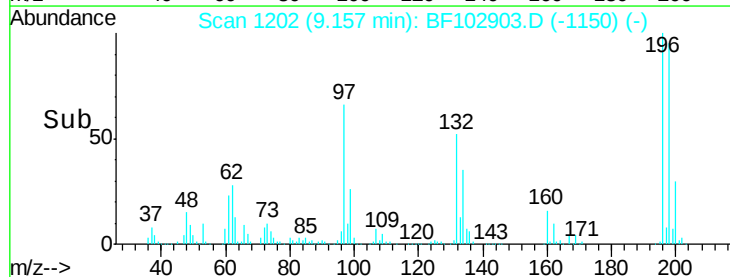
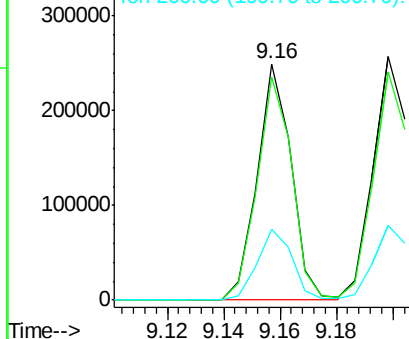


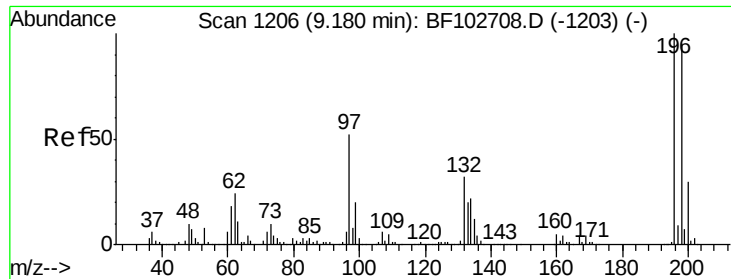
#42
 2,4,6-Trichlorophenol
 Concen: 40.86 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:196 Resp: 210381
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 29.9 24.5 36.7



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

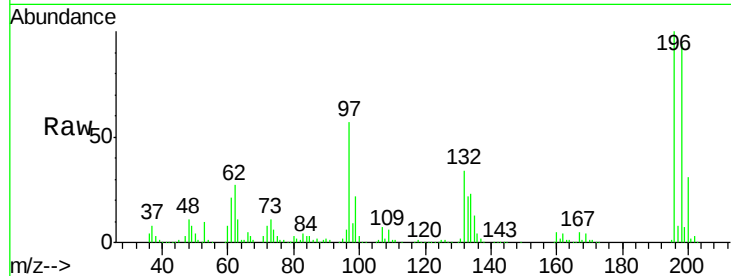




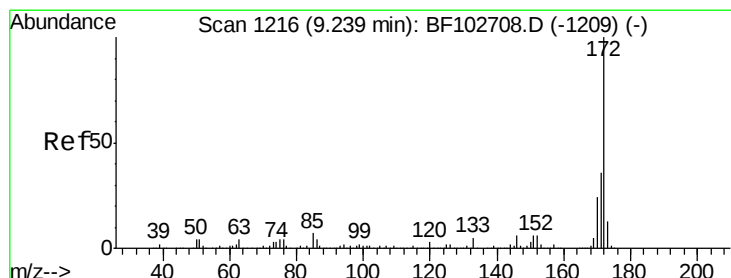
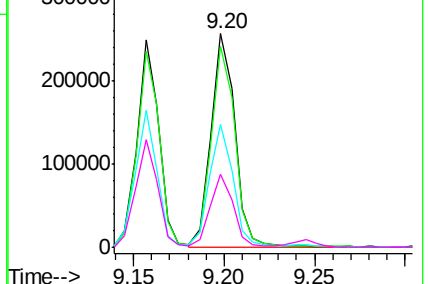
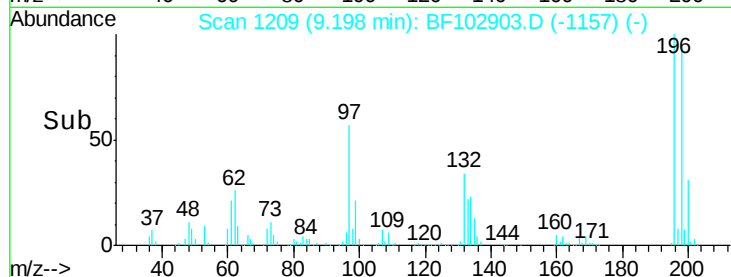
#43
 2,4,5-Trichlorophenol
 Concen: 40.12 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.6	112.0
97	57.4	42.9	64.3
132	34.2	26.3	39.5

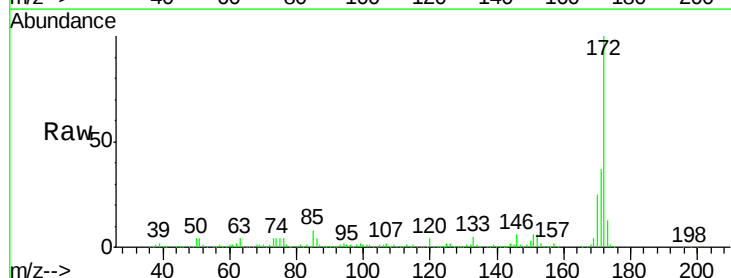


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

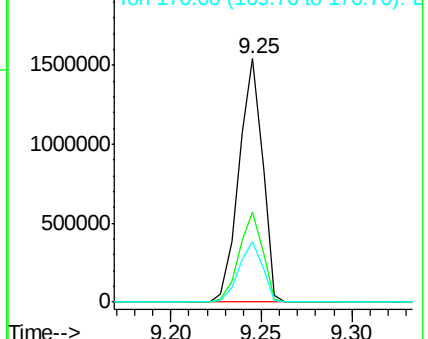
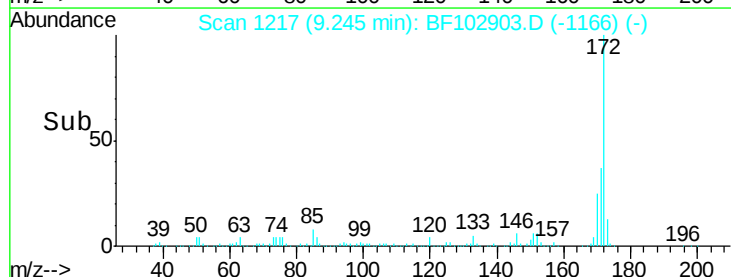


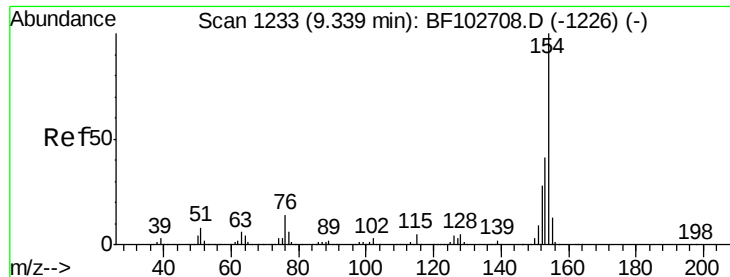
#44
 2-Fluorobiphenyl
 Concen: 80.26 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.7	19.6	29.4



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

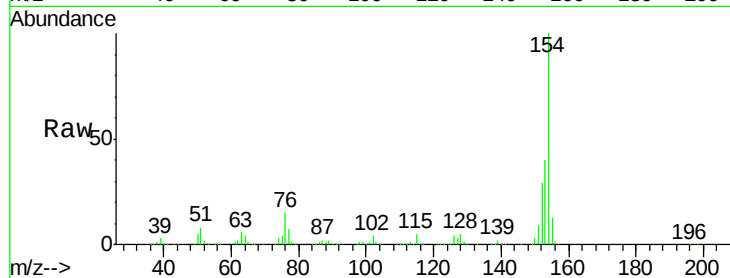




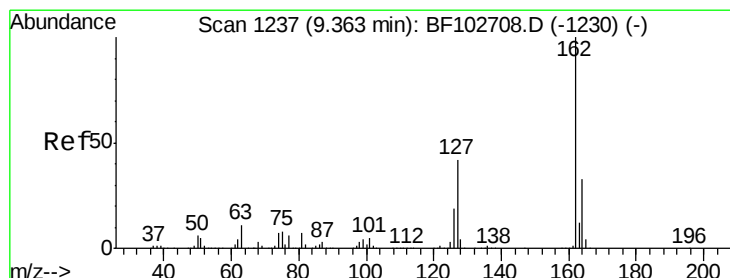
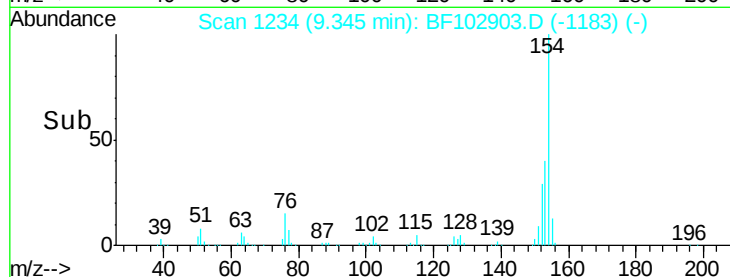
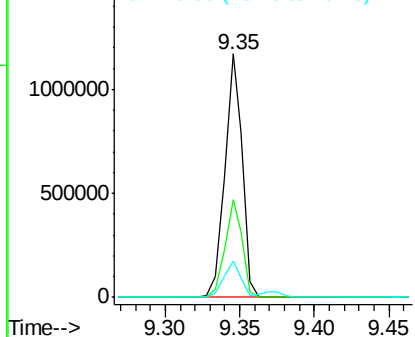
#45
 1,1'-Biphenyl
 Concen: 39.65 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 961493
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.3 61.3
 76 14.8 0.0 34.0

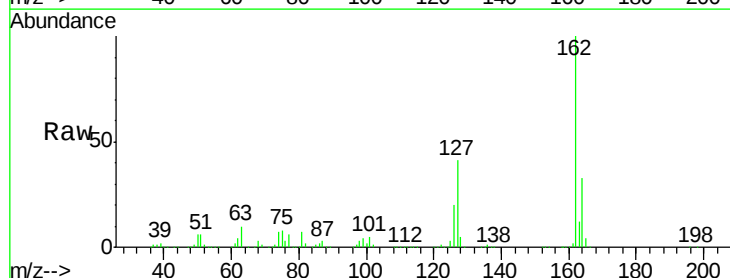


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

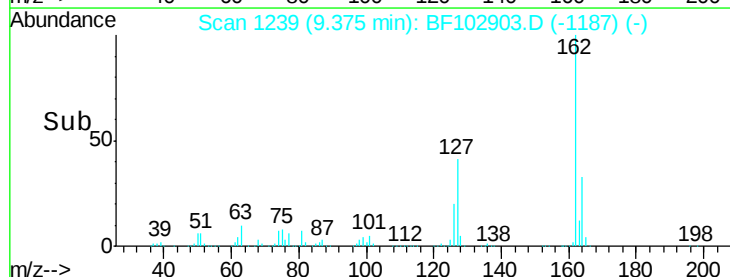
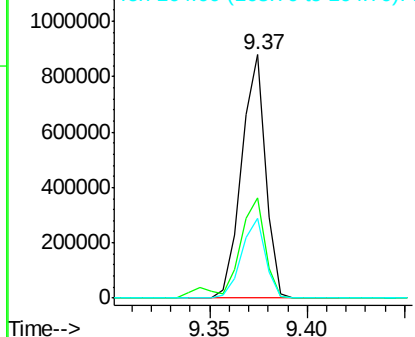


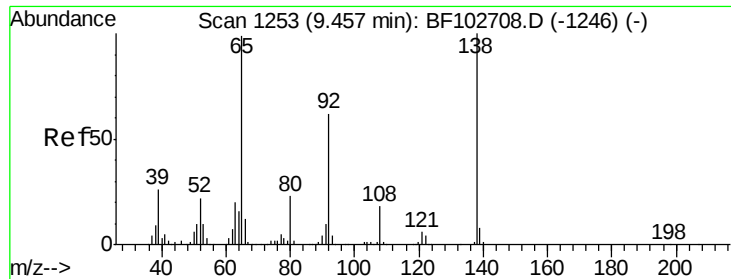
#46
 2-Chloronaphthalene
 Concen: 39.13 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:162 Resp: 747075
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 33.0 26.5 39.7



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





#47

2-Nitroaniline

Concen: 49.70 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

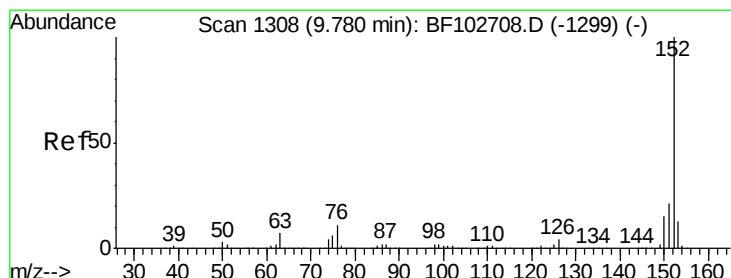
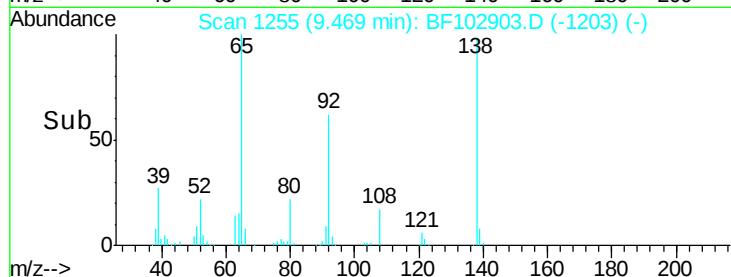
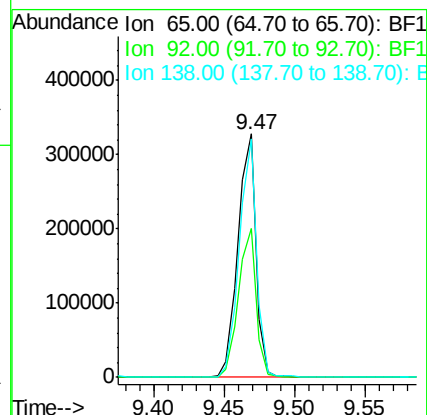
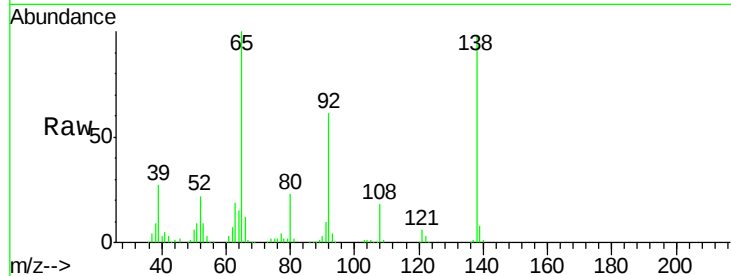
Tot Ion: 65 Resp: 293518

Ion Ratio Lower Upper

65 100

92 61.2 55.8 83.6

138 97.9 91.2 136.8



#48

Acenaphthylene

Concen: 38.01 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

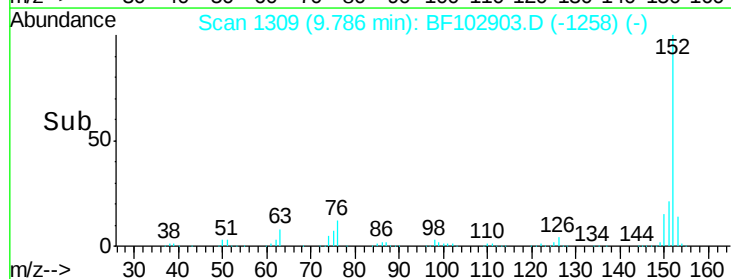
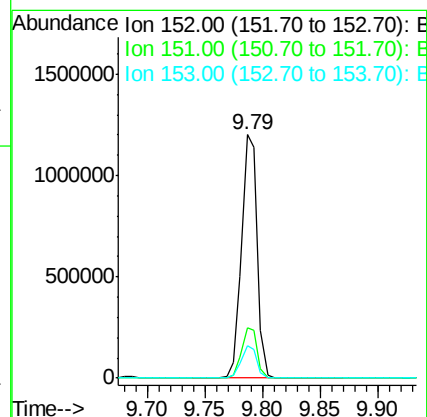
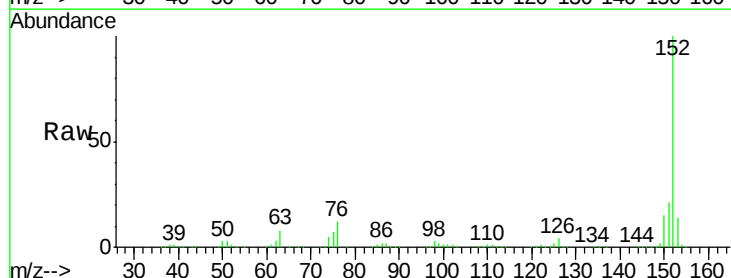
Tgt Ion: 152 Resp: 1127105

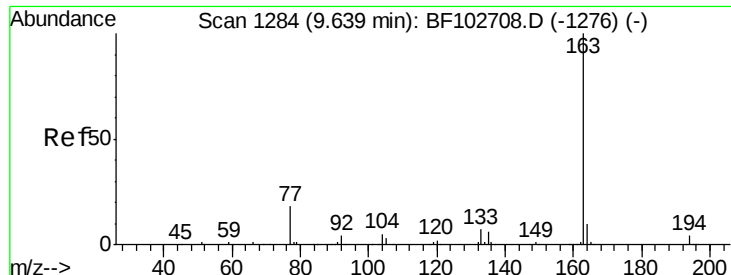
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.5 10.7 16.1

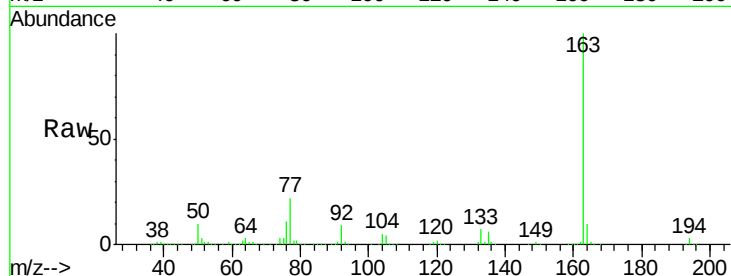




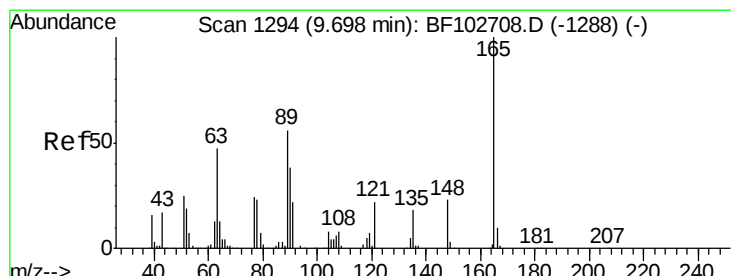
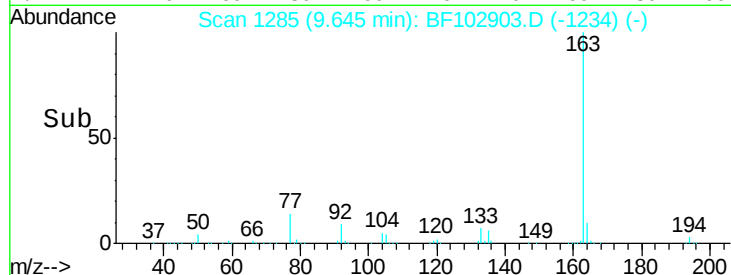
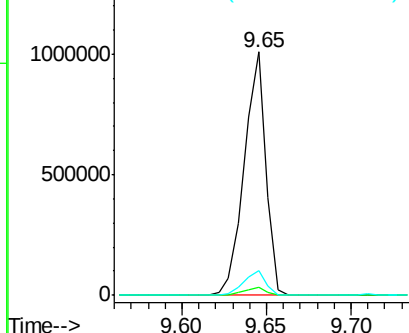
#49
Dimethylphthalate
Concen: 40.24 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 903339
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

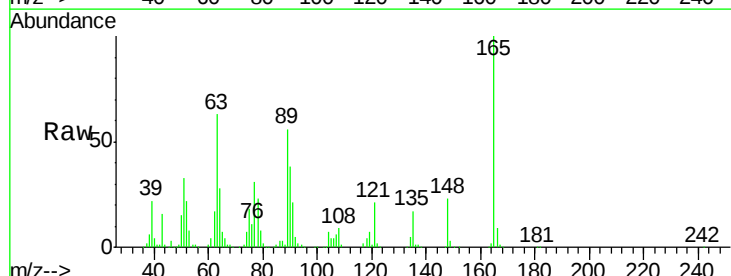


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

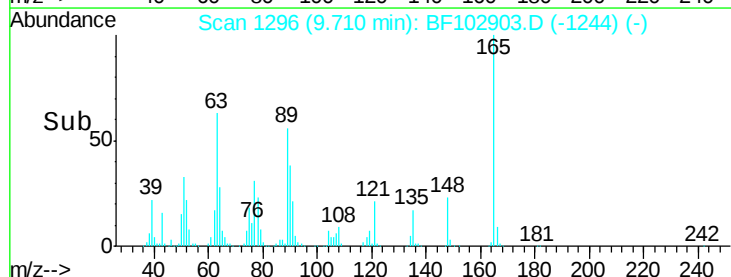
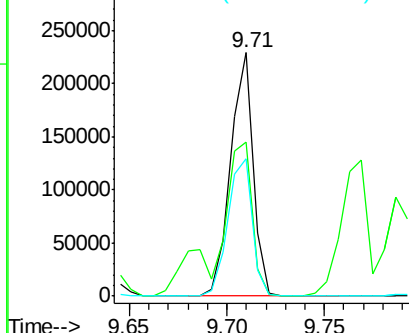


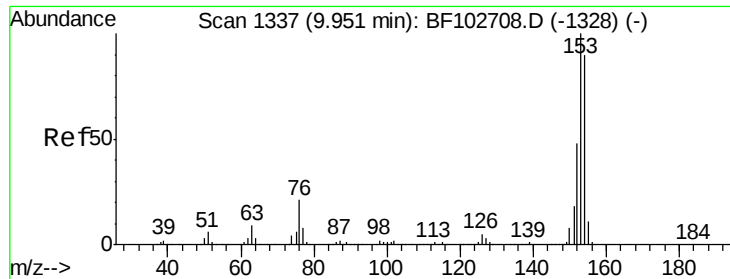
#50
2,6-Dinitrotoluene
Concen: 43.07 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:165 Resp: 183922
Ion Ratio Lower Upper
165 100
63 63.3 44.7 67.1
89 56.4 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: 36.76 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

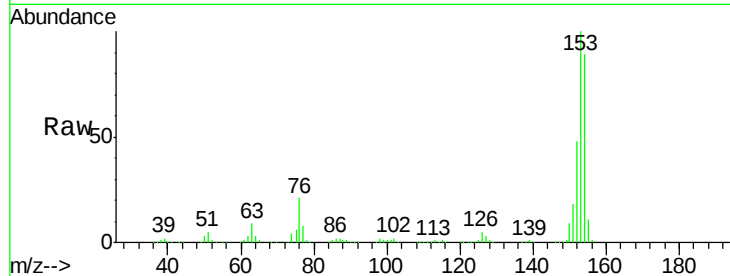
Tot Ion:154 Resp: 651773

Ion Ratio Lower Upper

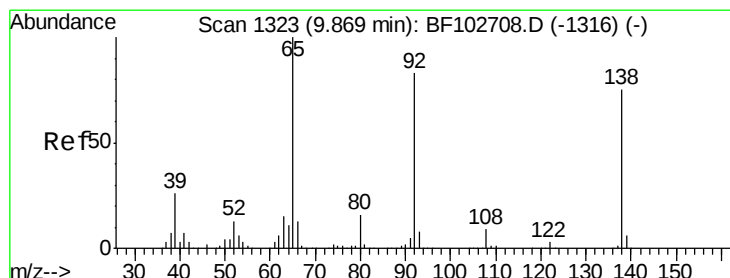
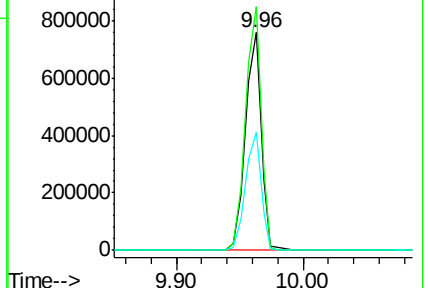
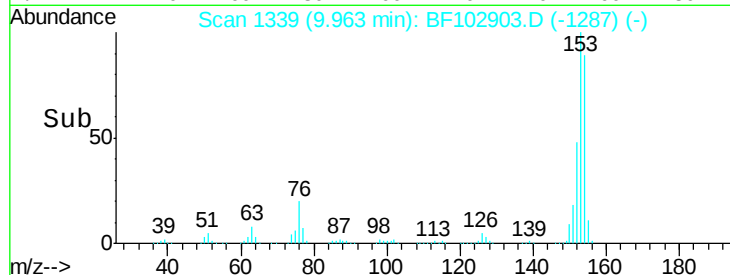
154 100

153 111.7 91.2 136.8

152 54.2 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: 43.46 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

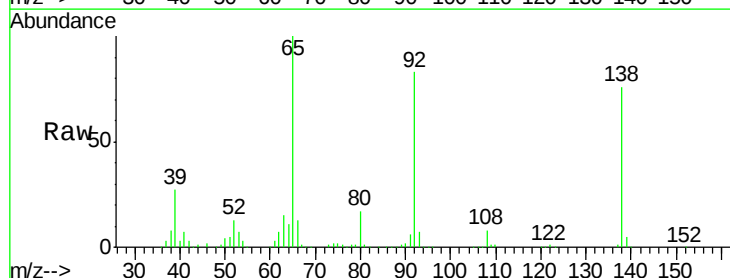
Tgt Ion:138 Resp: 228391

Ion Ratio Lower Upper

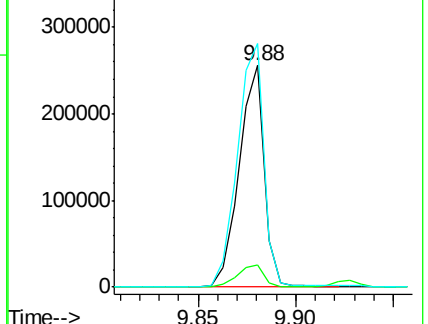
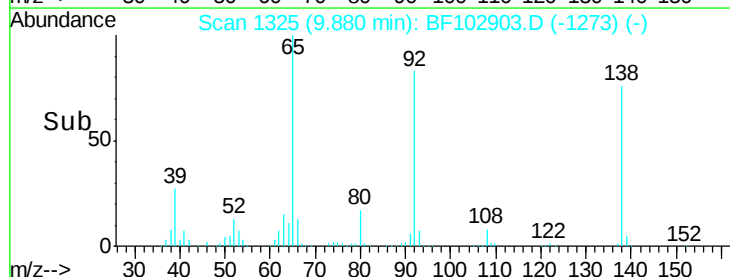
138 100

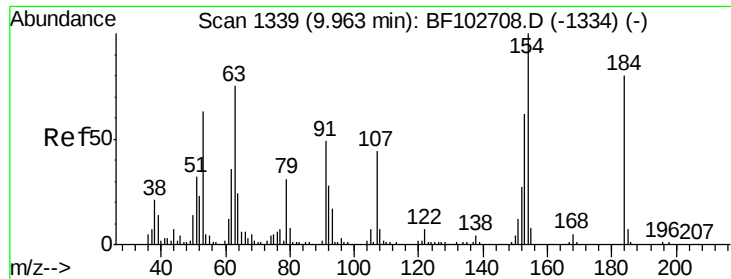
108 10.1 9.4 14.0

92 110.0 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

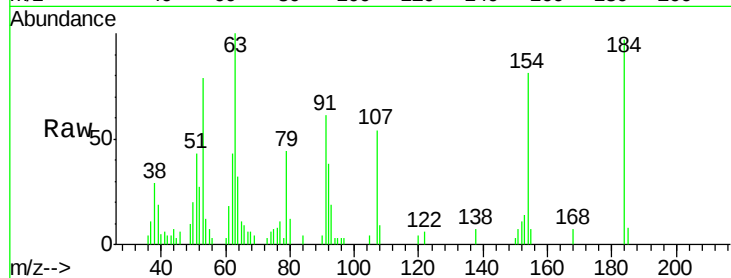




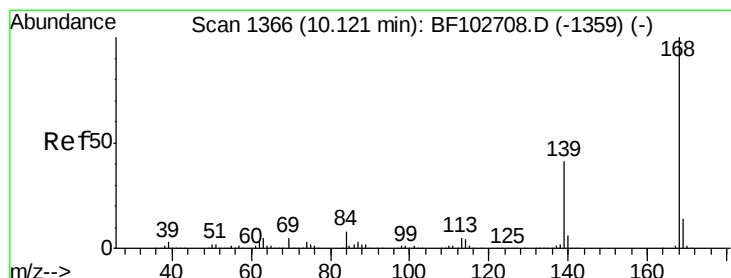
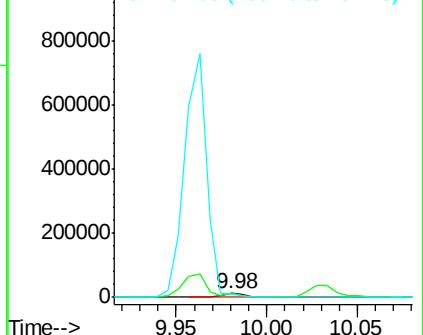
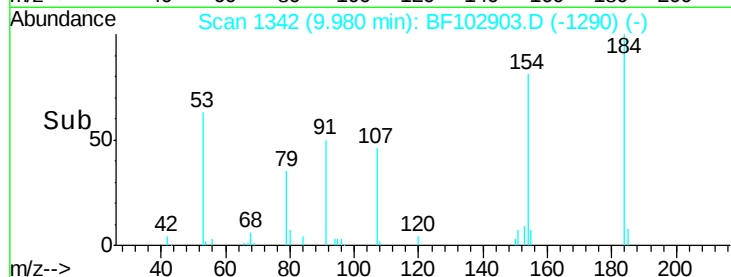
#53
2,4-Dinitrophenol
Concen: 19.97 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 10528
Ion Ratio Lower Upper
184 100
63 102.9 54.2 81.2#
154 83.4 184.0 276.0#

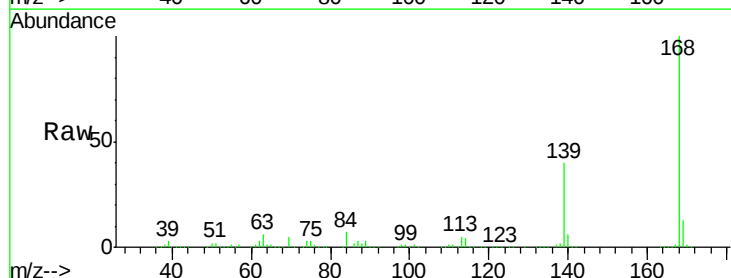


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

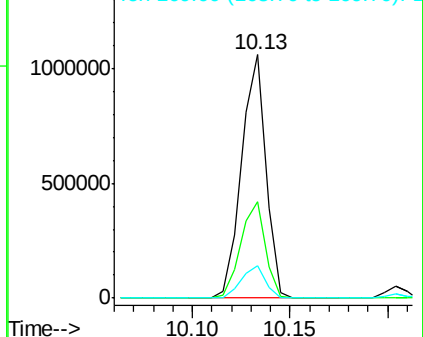
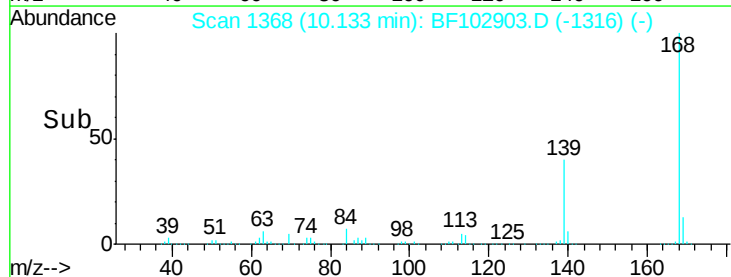


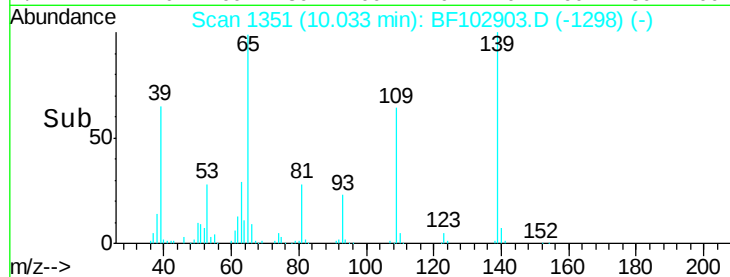
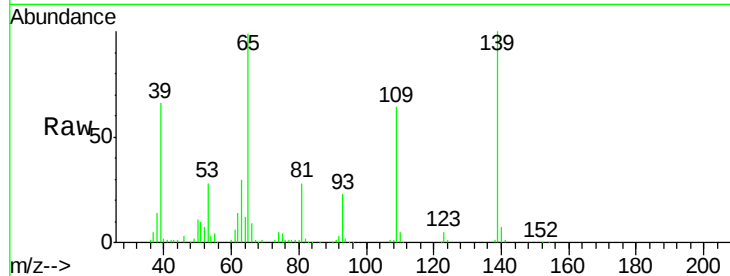
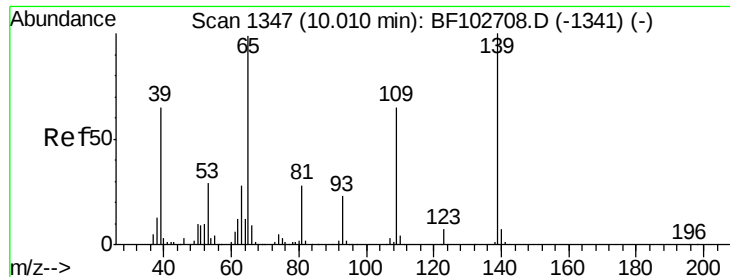
#54
Dibenzofuran
Concen: 36.78 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:168 Resp: 919073
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.3 10.9 16.3



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

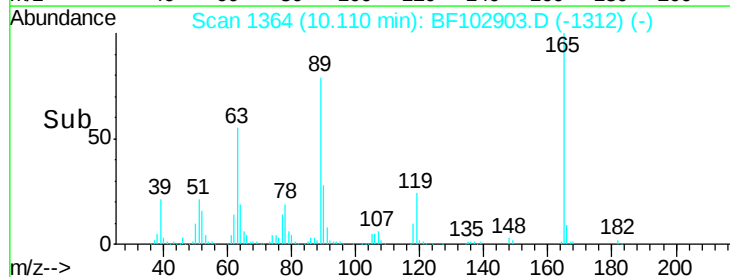
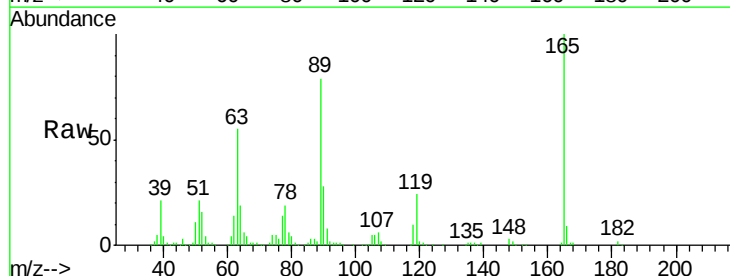
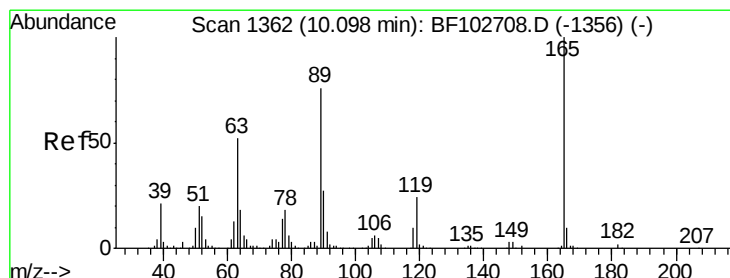
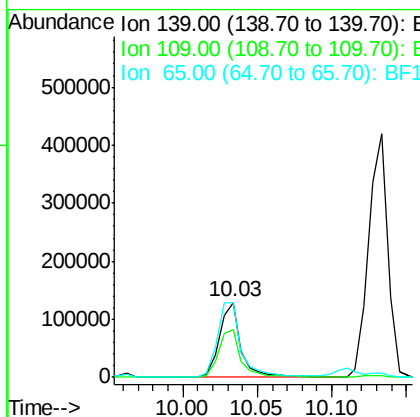




#55
4-Nitrophenol
Concen: 33.39 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

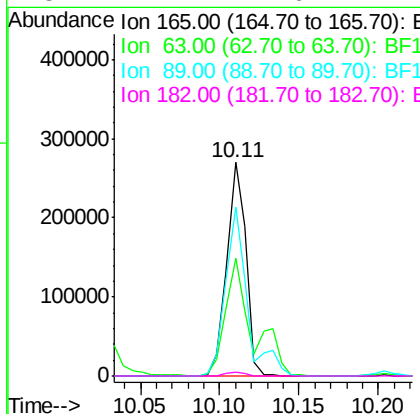
Instrument :
BNA_F
ClientSampleId :

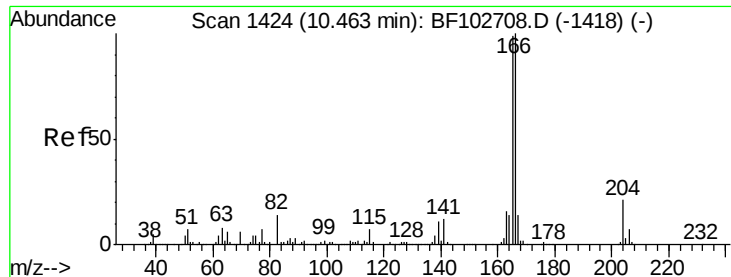
Tot Ion:139 Resp: 133550
Ion Ratio Lower Upper
139 100
109 64.1 48.4 88.4
65 98.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.03 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:165 Resp: 226159
Ion Ratio Lower Upper
165 100
63 54.9 36.4 54.6#
89 79.1 57.8 86.6
182 2.1 1.6 2.4

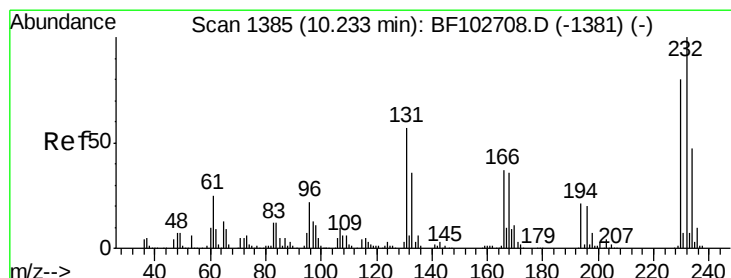
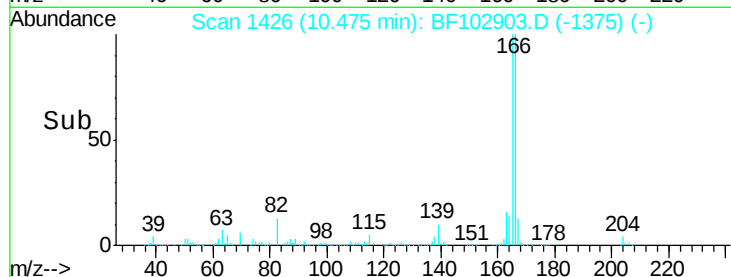
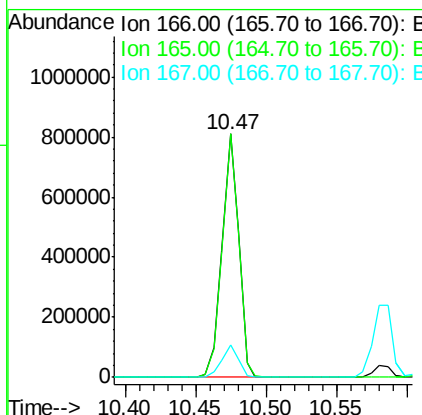
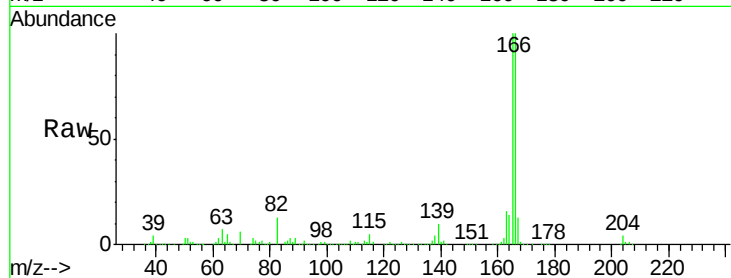




#57
 Fluorene
 Concen: 36.79 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

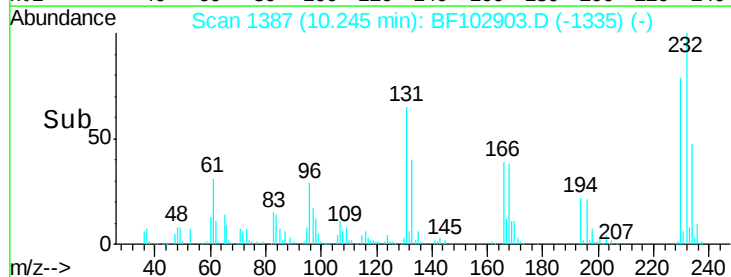
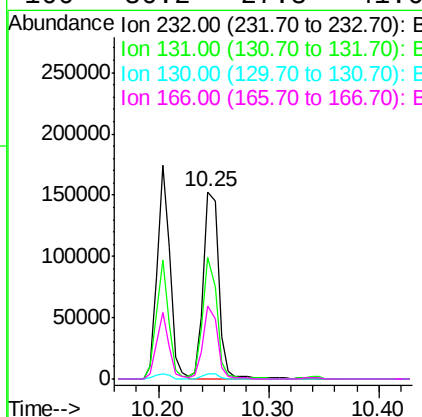
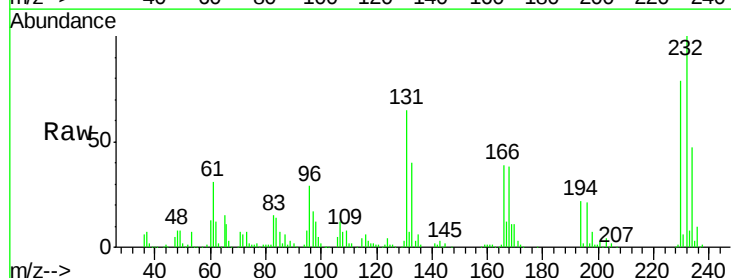
Instrument :
 BNA_F
 ClientSampleId :

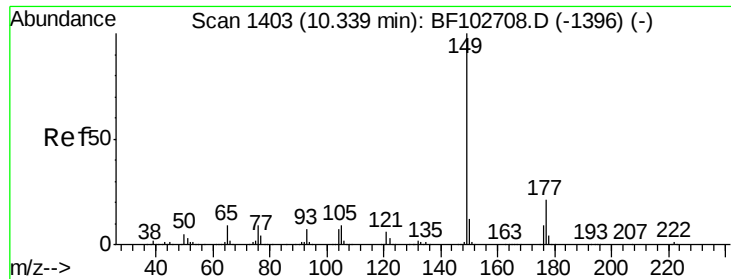
Tot Ion:166 Resp: 668936
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.03 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:232 Resp: 144895
 Ion Ratio Lower Upper
 232 100
 131 58.8 43.8 65.8
 130 2.7 2.1 3.1
 166 36.2 27.8 41.6

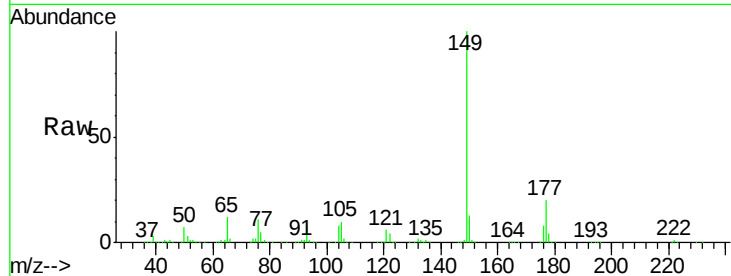




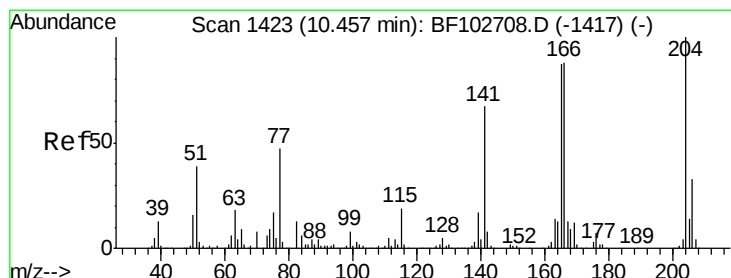
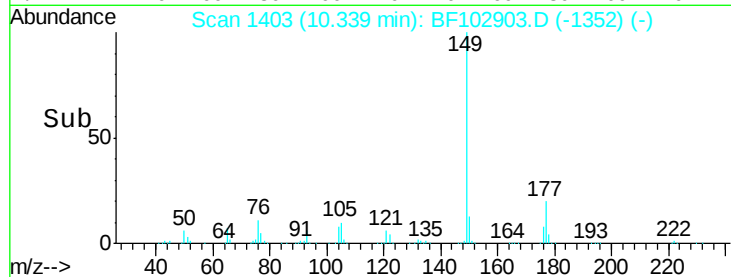
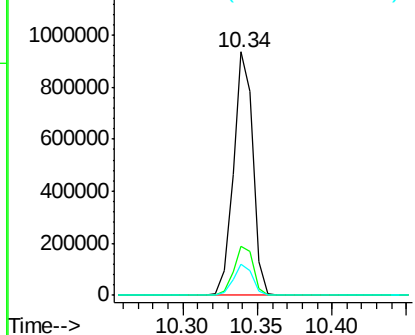
#59
Diethylphthalate
Concen: 38.73 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 858344
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.8 10.1 15.1

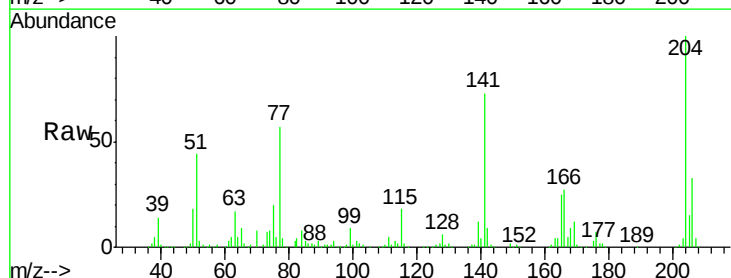


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

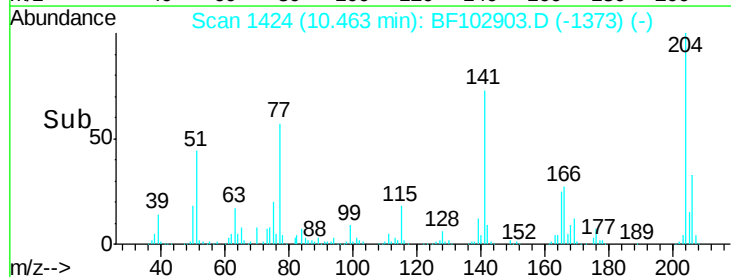
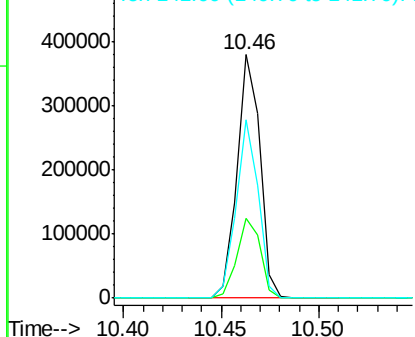


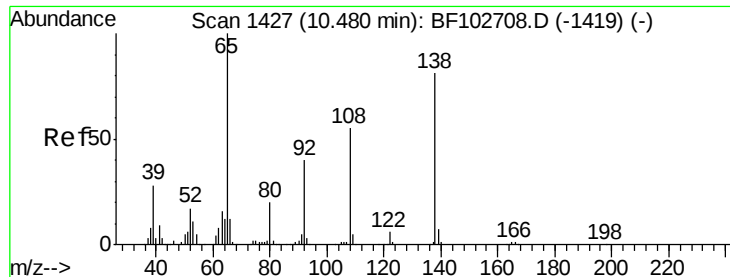
#60
4-Chlorophenyl-phenylether
Concen: 38.28 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:204 Resp: 307910
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 73.1 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

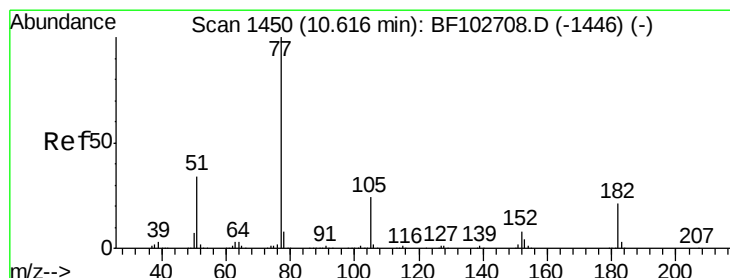
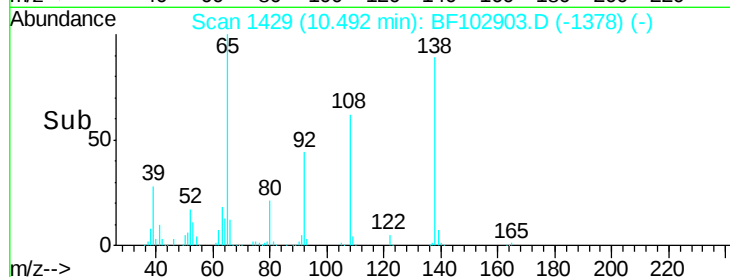
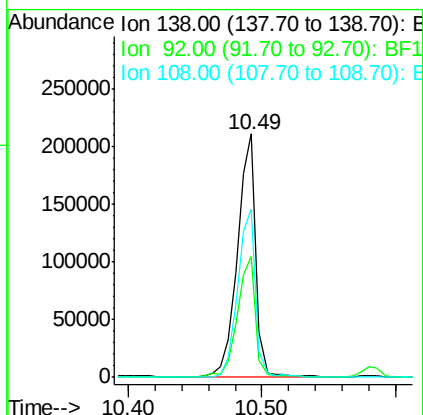
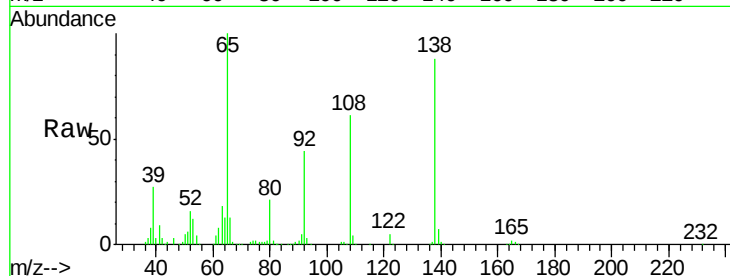




#61
4-Nitroaniline
Concen: 40.49 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

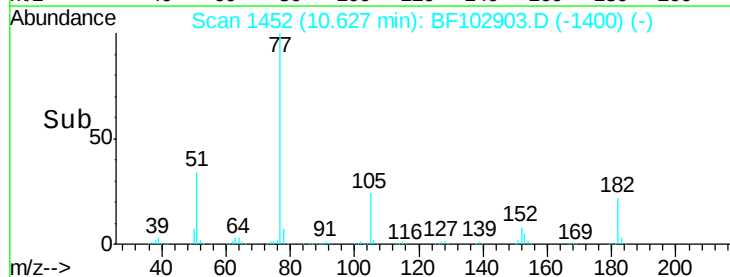
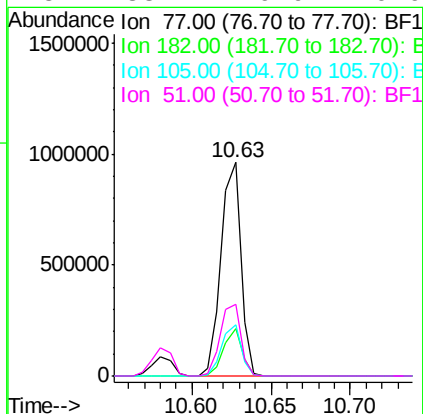
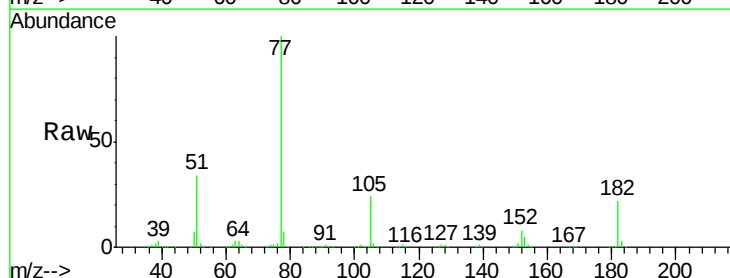
Instrument :
BNA_F
ClientSampleId :

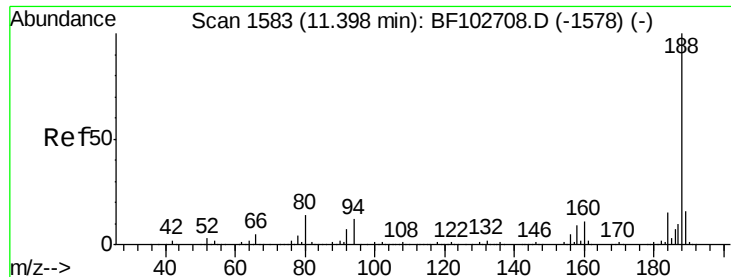
Tot Ion:138 Resp: 202542
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 69.3 52.5 92.5



#62
Azobenzene
Concen: 37.94 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion: 77 Resp: 840026
Ion Ratio Lower Upper
77 100
182 22.2 1.7 41.7
105 23.9 3.0 43.0
51 33.7 9.9 49.9

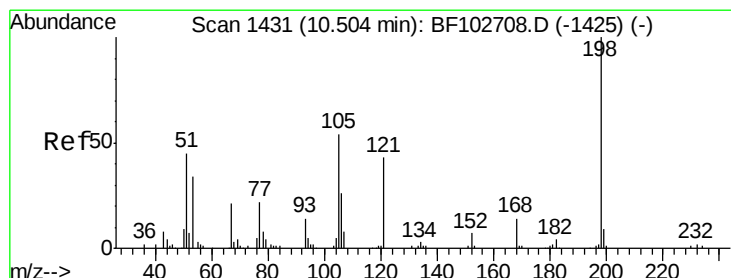
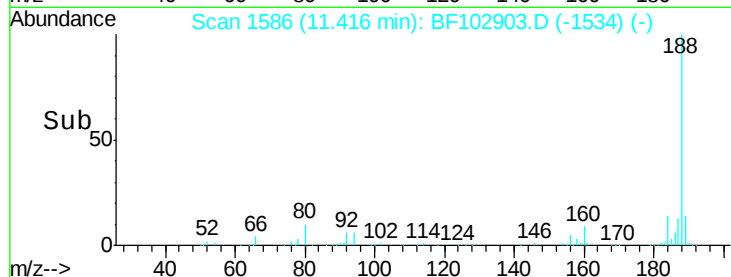
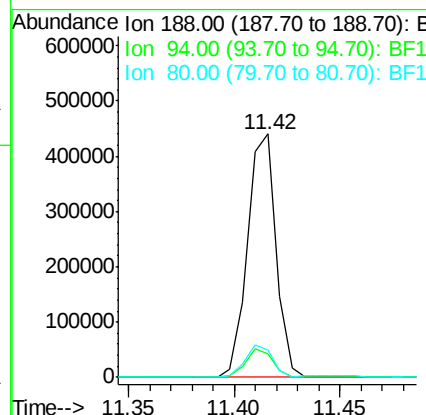
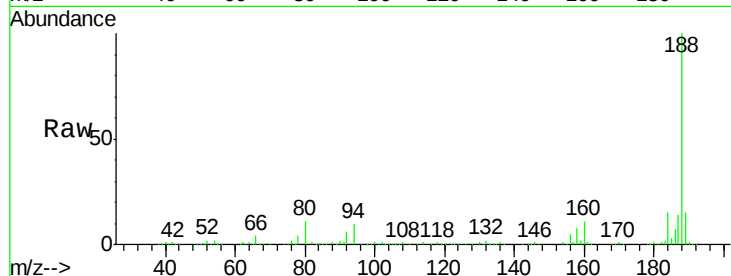




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

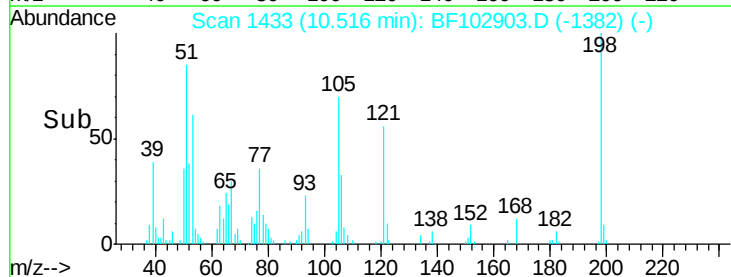
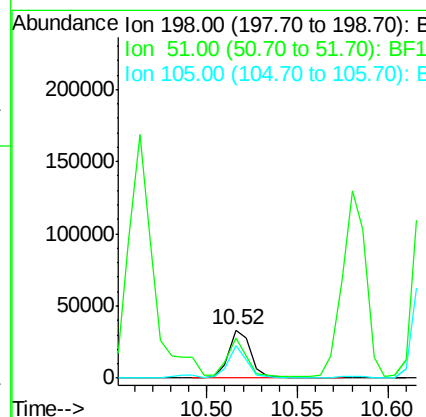
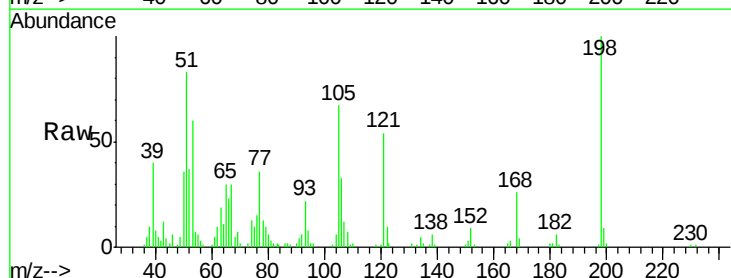
Instrument :
 BNA_F
 ClientSampled :

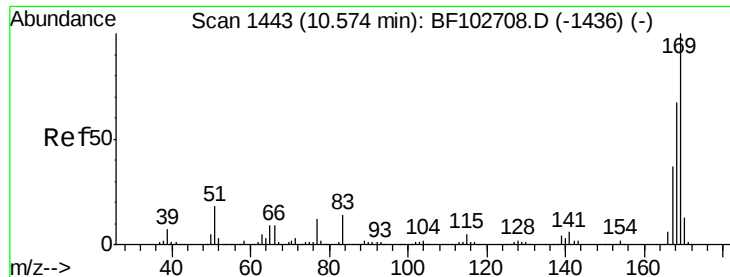
Tot Ion:188 Resp: 411075
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 11.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.63 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:198 Resp: 28783
 Ion Ratio Lower Upper
 198 100
 51 83.2 37.7 77.7#
 105 67.3 36.3 76.3

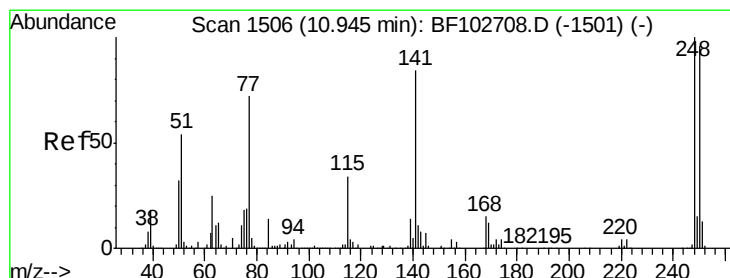
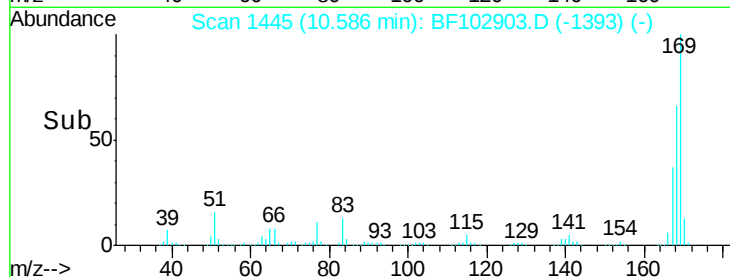
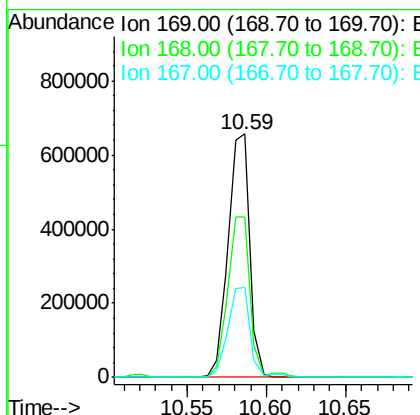
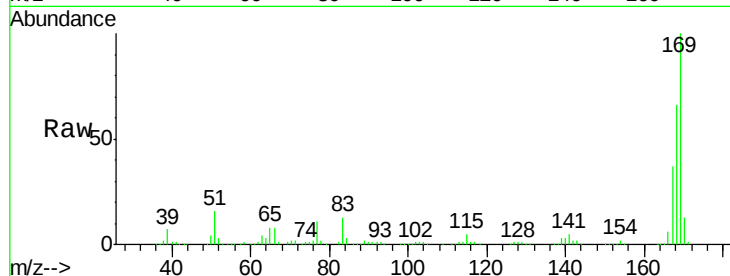




#65
 n-Nitrosodiphenylamine
 Concen: 42.89 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

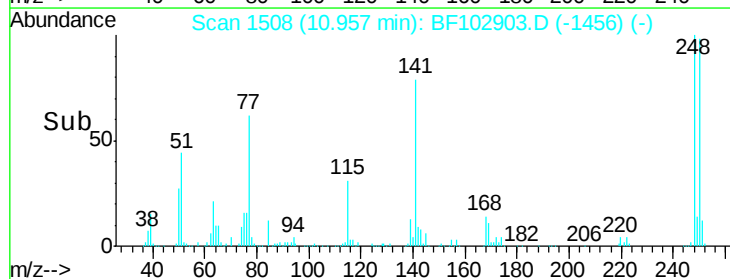
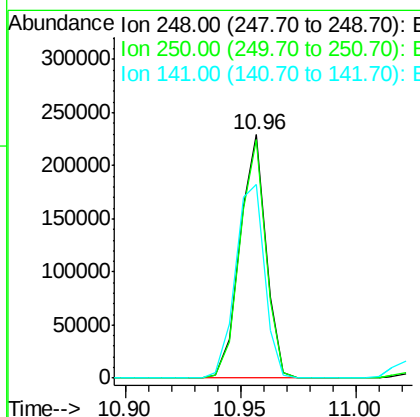
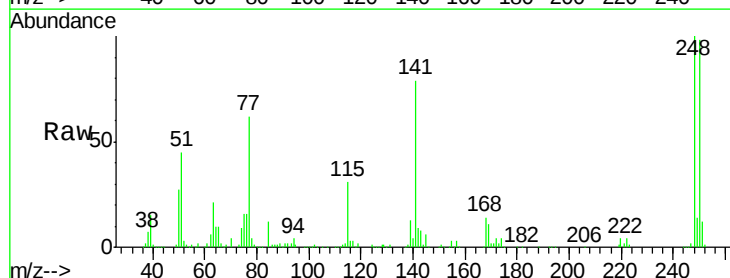
Instrument :
 BNA_F
 ClientSampleId :

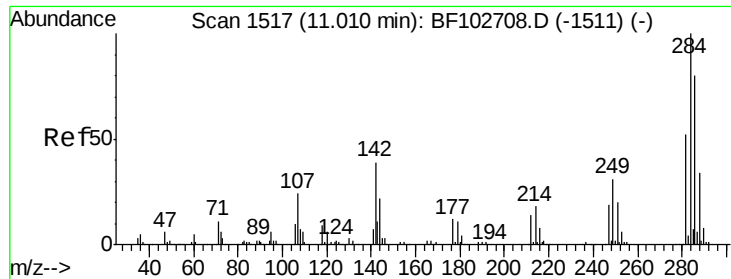
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.4	81.6
167	36.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.67 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	79.4	74.4	111.6

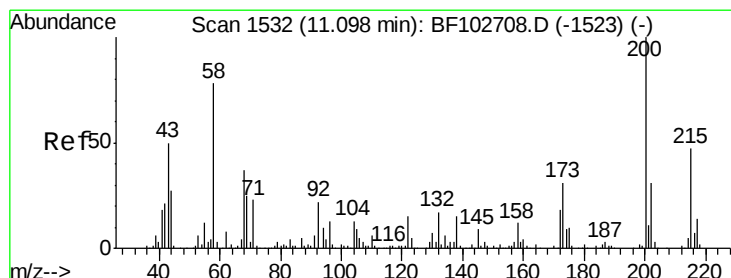
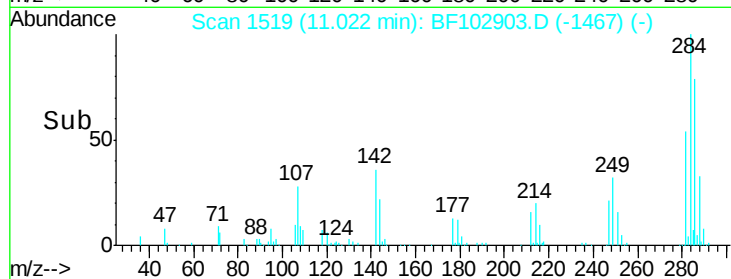
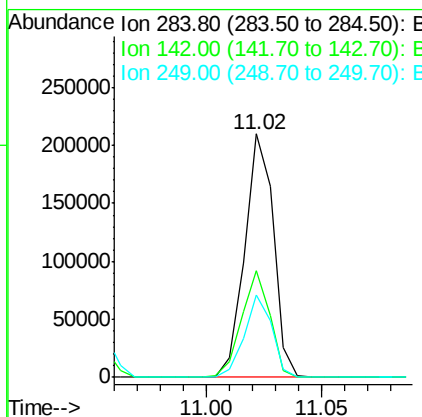
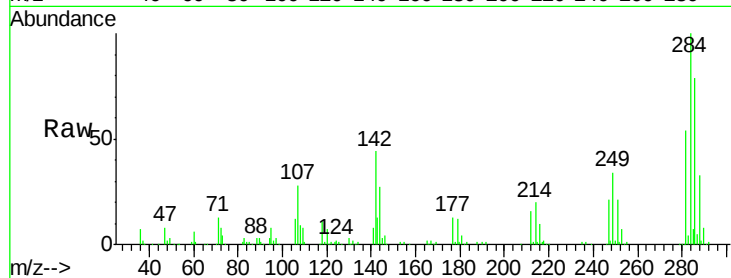




#67
Hexachlorobenzene
Concen: 38.14 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

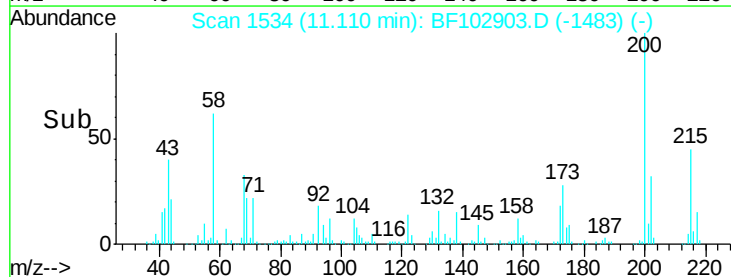
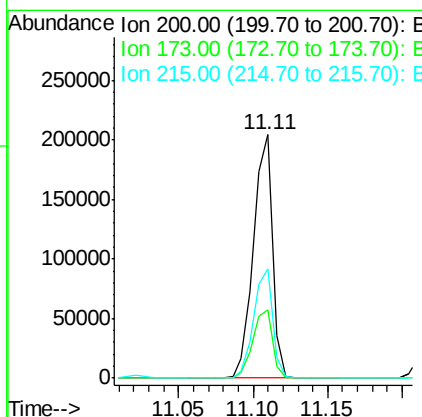
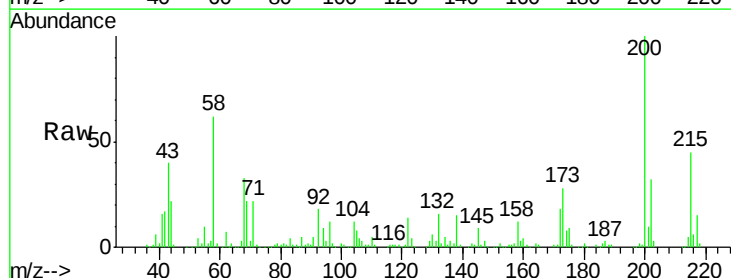
Instrument :
BNA_F
ClientSampled :

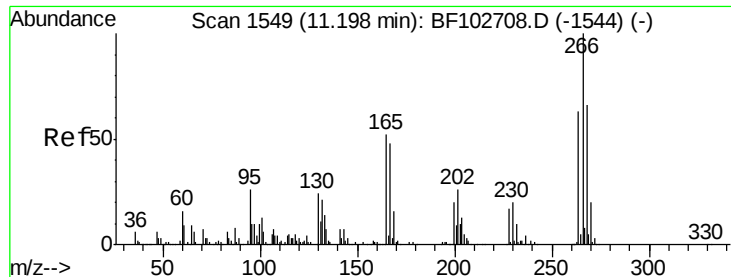
Tot Ion:284 Resp: 182970
Ion Ratio Lower Upper
284 100
142 43.9 34.6 52.0
249 34.0 24.8 37.2



#68
Atrazine
Concen: 41.94 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:200 Resp: 179405
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 44.9 25.1 65.1

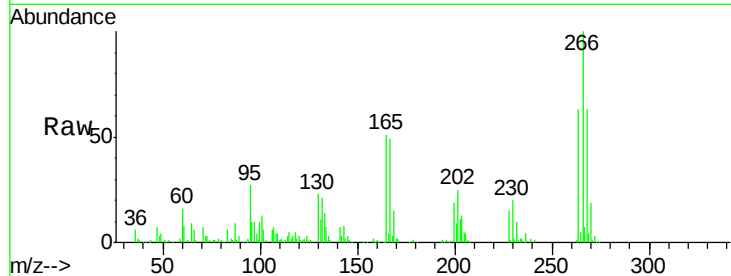




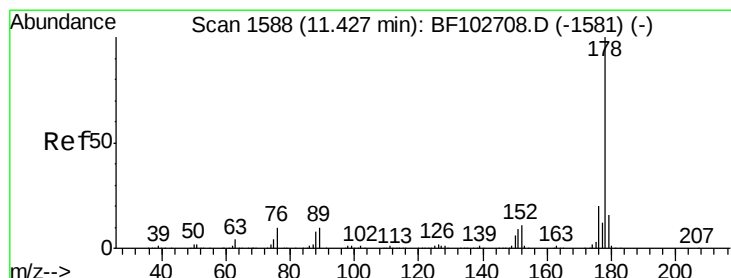
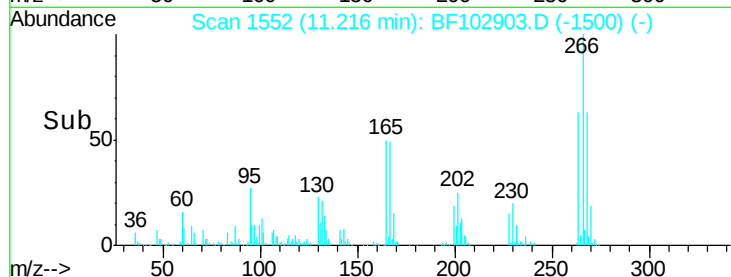
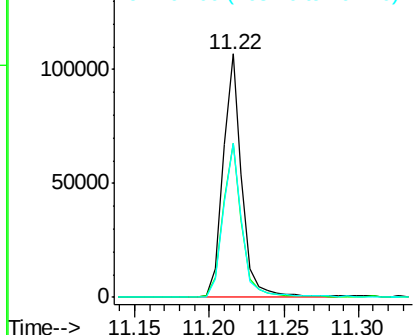
#69
 Pentachlorophenol
 Concen: 33.94 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 95561
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 63.0 49.5 74.3

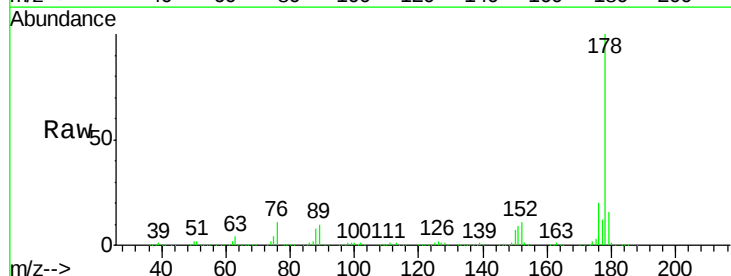


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

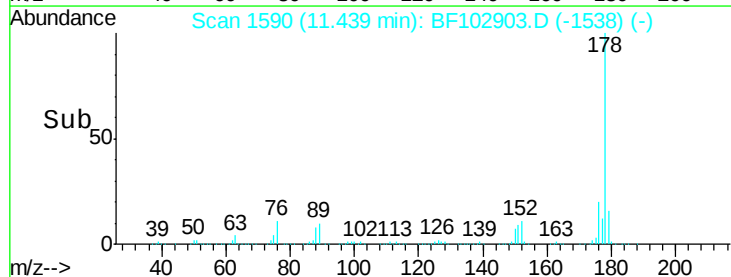
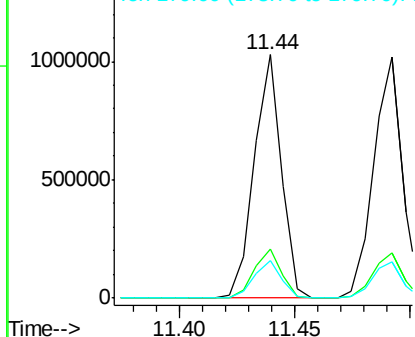


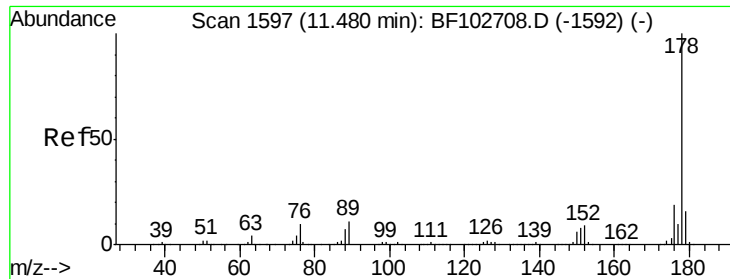
#70
 Phenanthrene
 Concen: 37.07 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:178 Resp: 848615
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.6 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

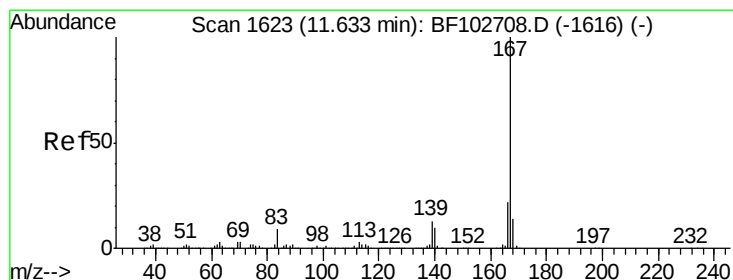
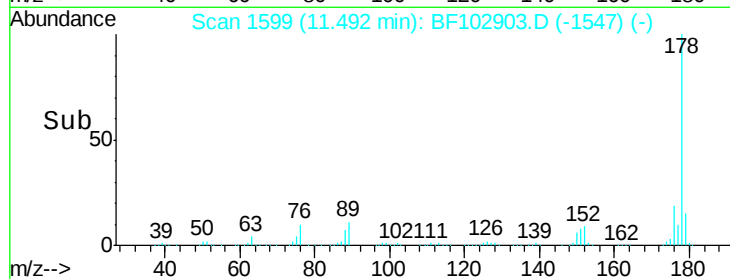
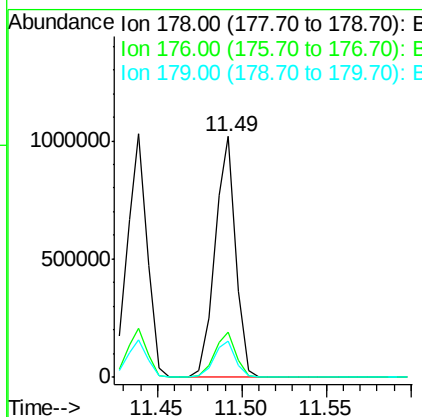
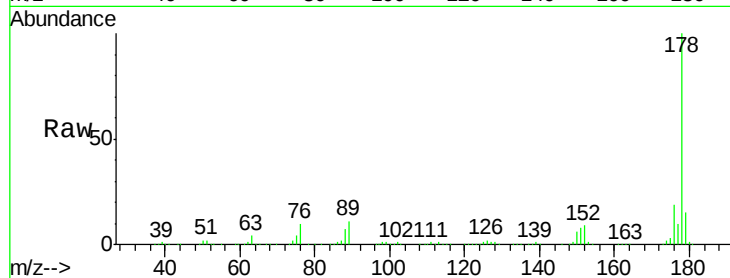




#71
 Anthracene
 Concen: 37.43 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

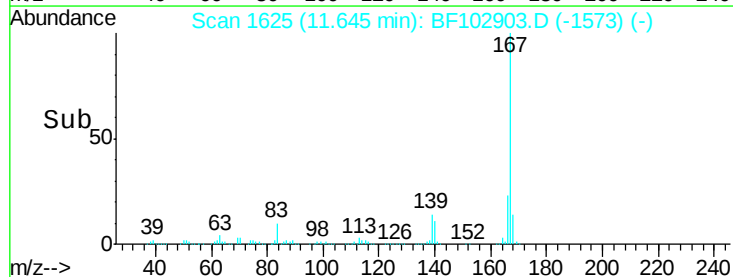
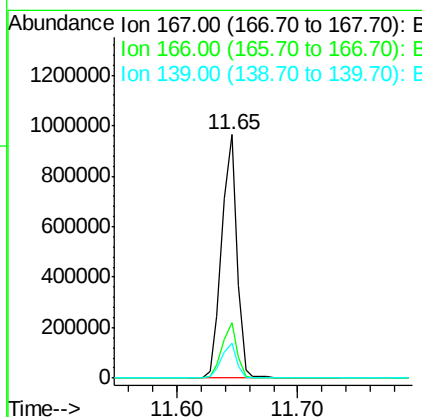
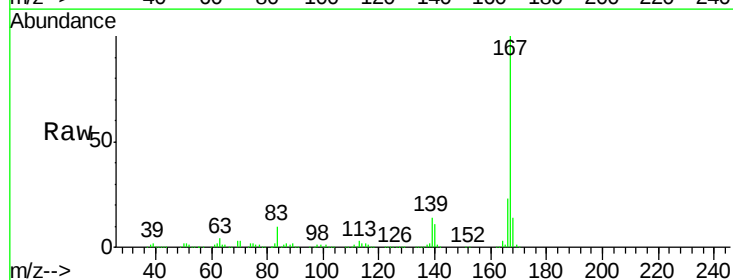
Instrument :
 BNA_F
 ClientSampleId :

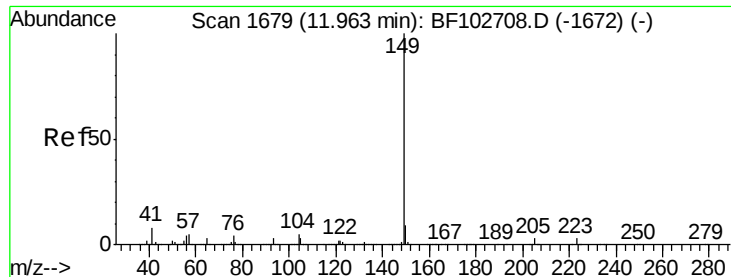
Tot Ion:178 Resp: 871683
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 36.90 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:167 Resp: 841749
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.2 10.9 16.3

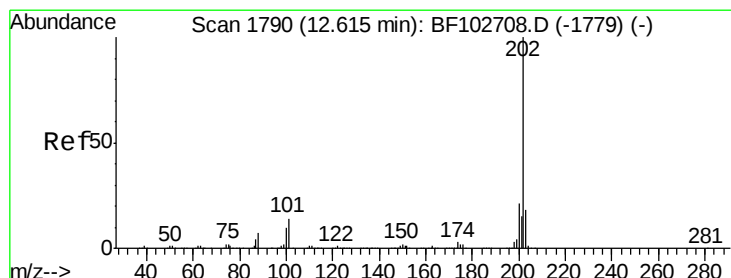
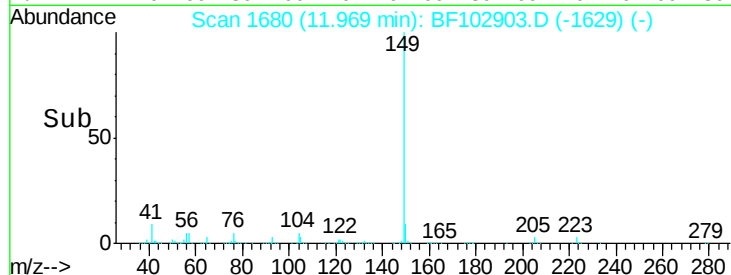
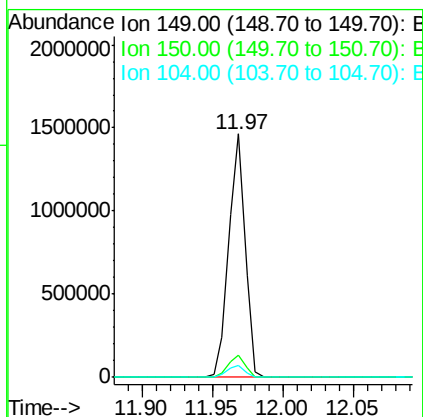
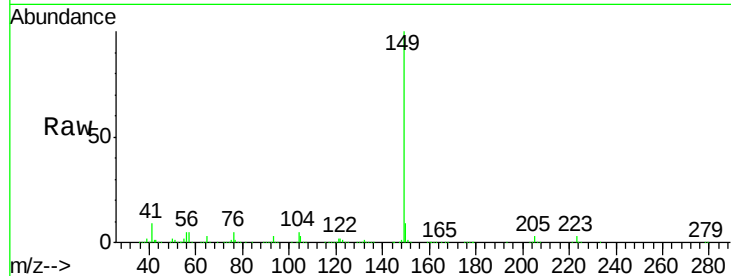




#73
Di-n-butylphthalate
Concen: 42.69 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

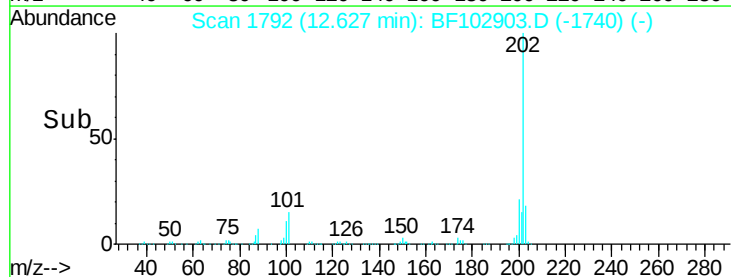
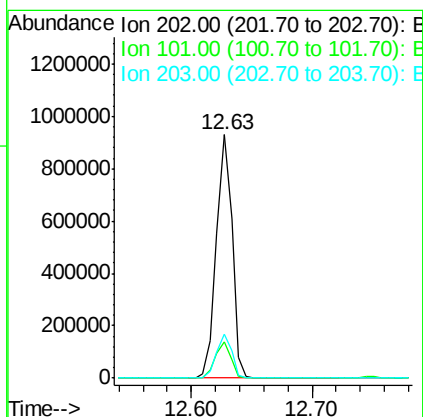
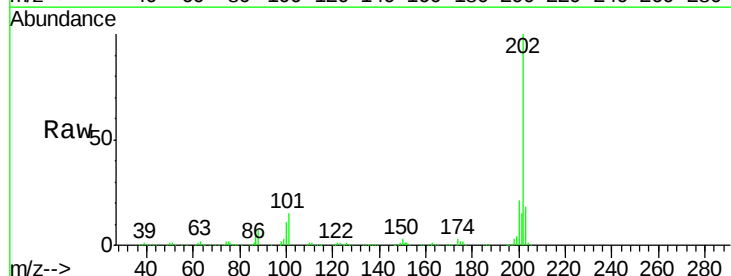
Instrument :
BNA_F
ClientSampleId :

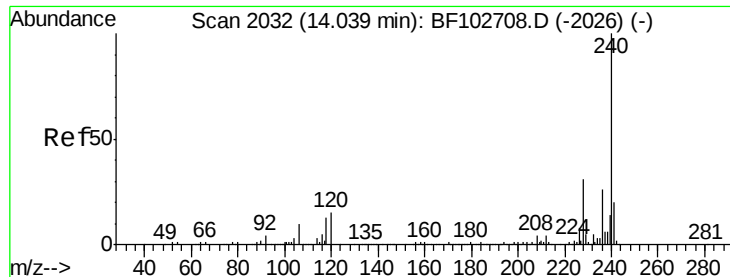
Tot Ion:149 Resp: 1182991
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 36.00 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:202 Resp: 829216
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampled :

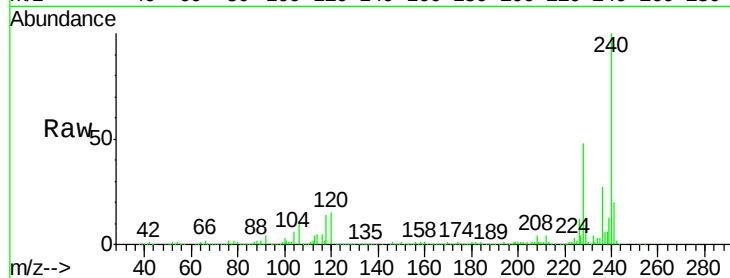
Tot Ion:240 Resp: 320716

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

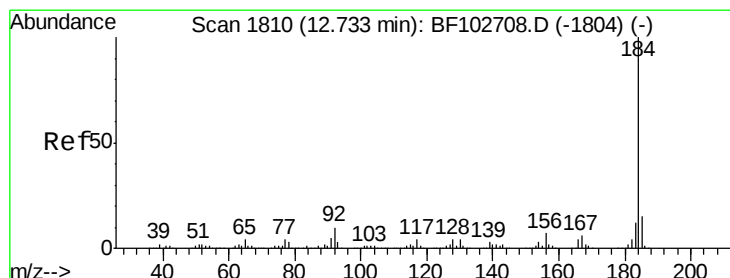
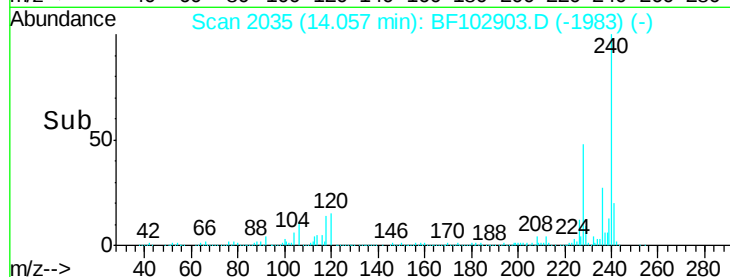
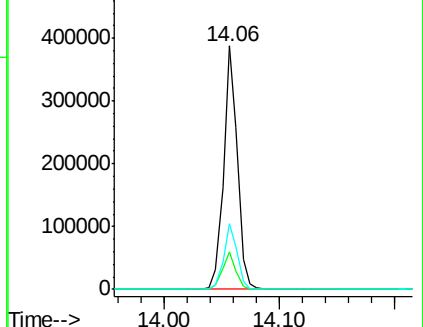
236 26.8 20.7 31.1



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: 36.78 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

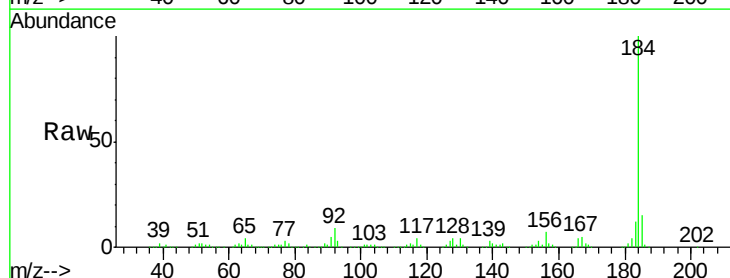
Tgt Ion:184 Resp: 542213

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

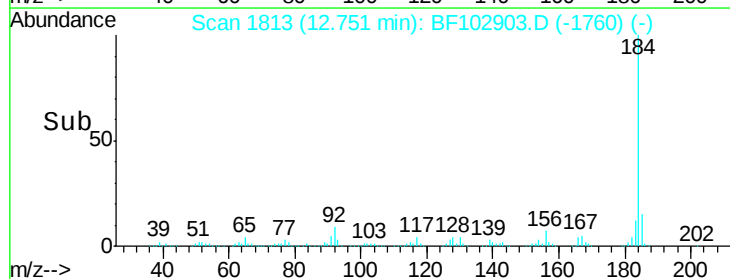
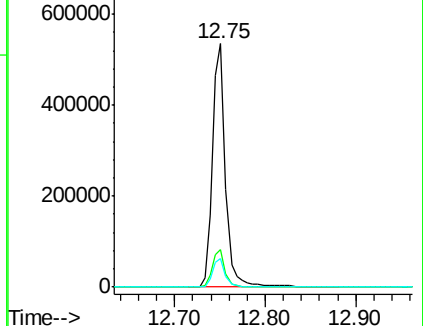
183 11.6 9.3 13.9

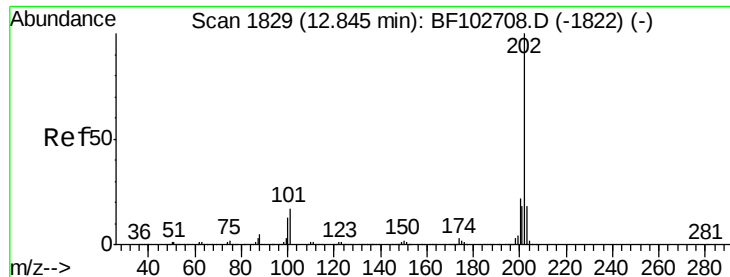


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.47 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

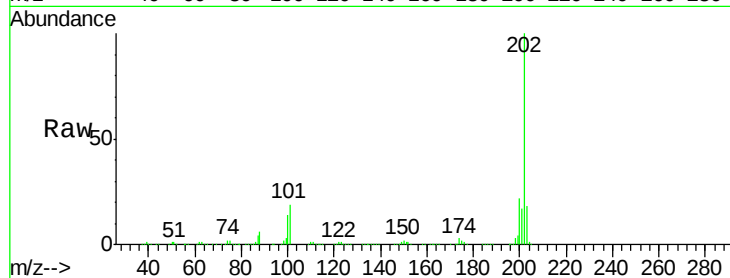
Tot Ion:202 Resp: 866913

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

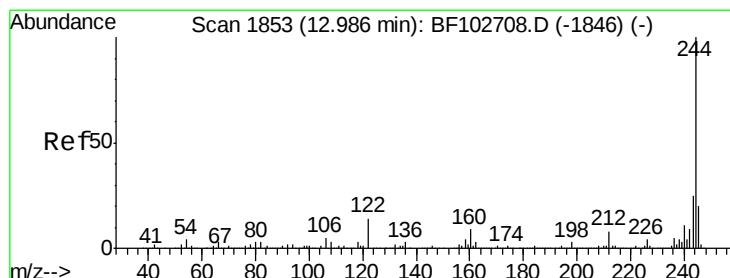
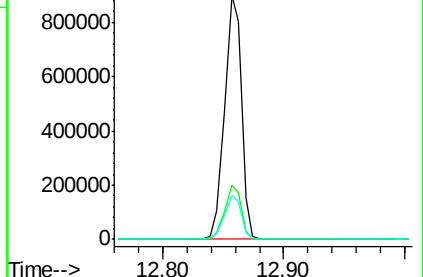
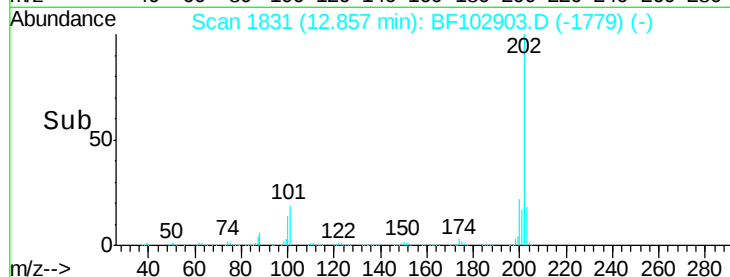
203 18.2 14.3 21.5



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: 68.57 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

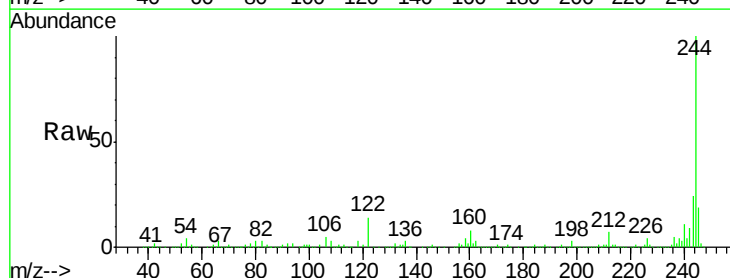
Tgt Ion:244 Resp: 928716

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

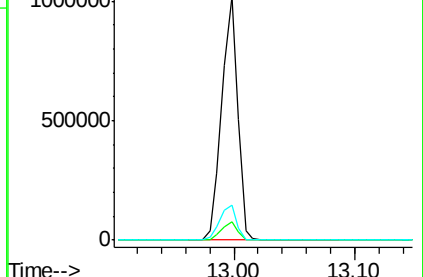
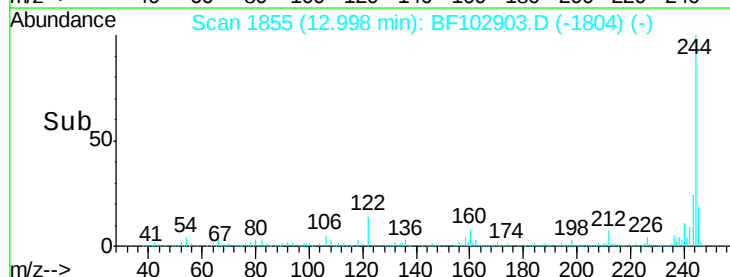
122 14.3 11.0 16.4

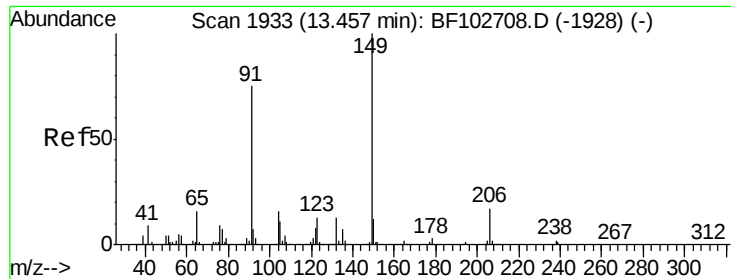


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

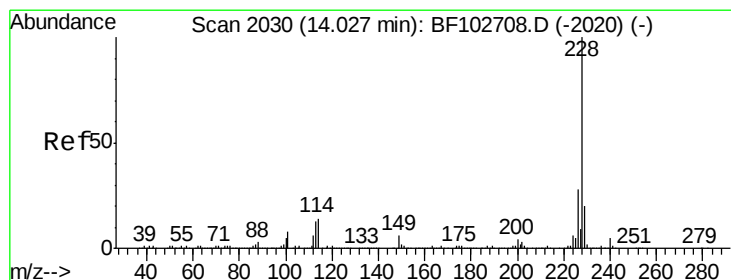
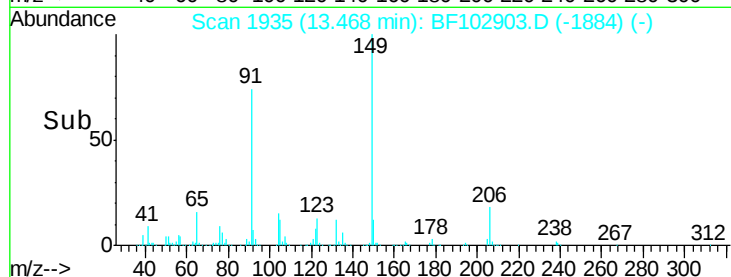
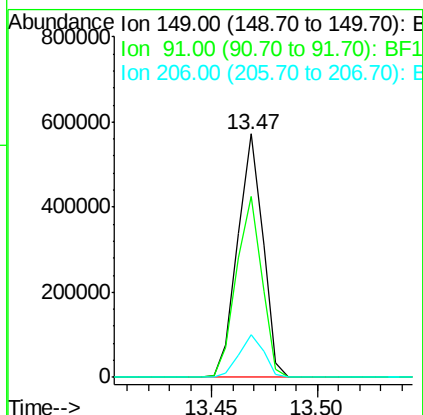
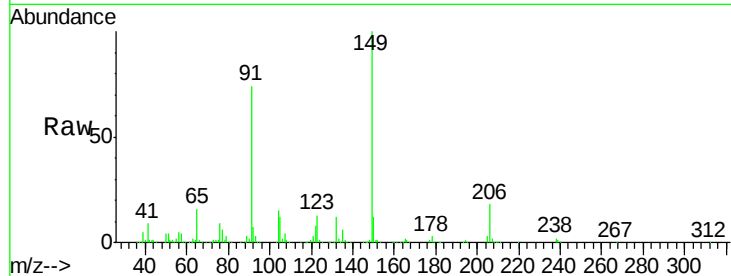




#79
Butylbenzylphthalate
Concen: 39.46 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

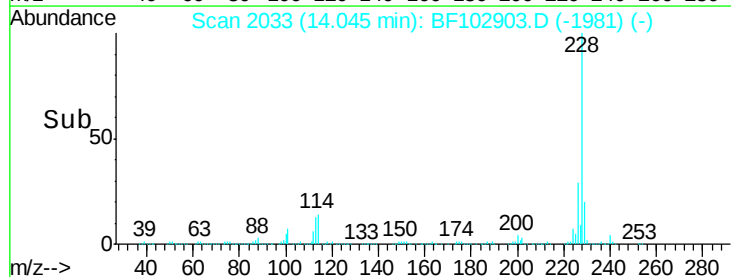
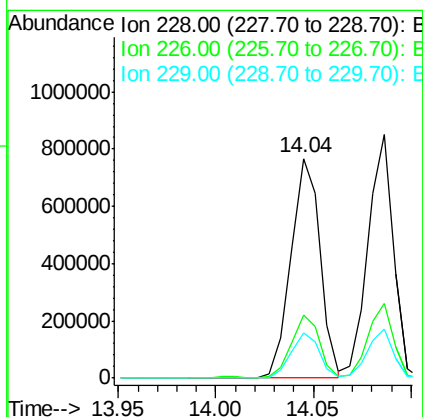
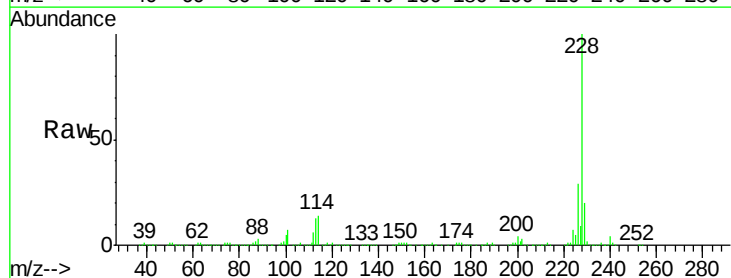
Instrument :
BNA_F
ClientSampleId :

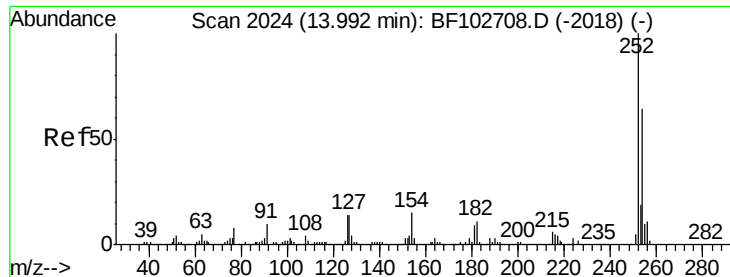
Tot Ion:149 Resp: 472456
Ion Ratio Lower Upper
149 100
91 74.5 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.25 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:228 Resp: 791704
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.3 15.8 23.6

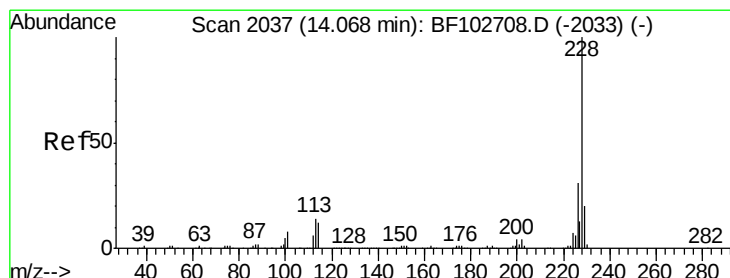
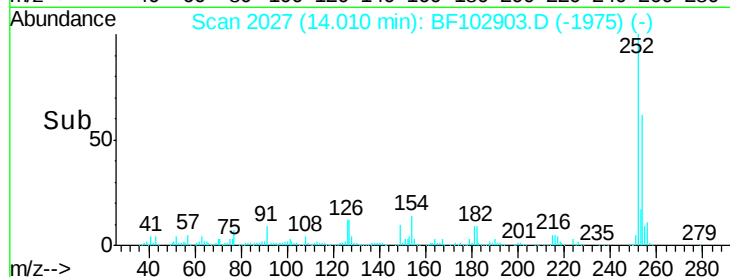
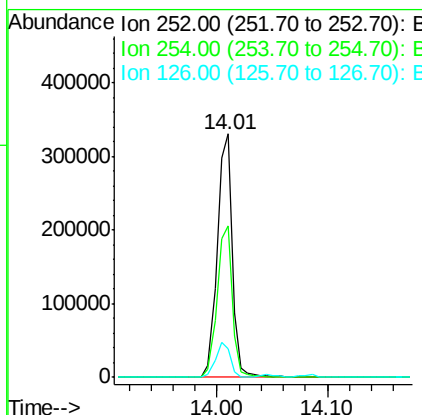
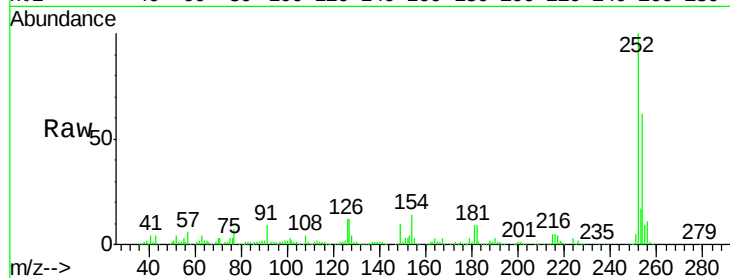




#81
 3,3'-Dichlorobenzidine
 Concen: 42.08 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

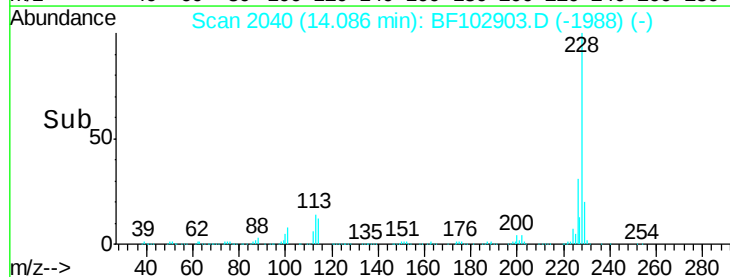
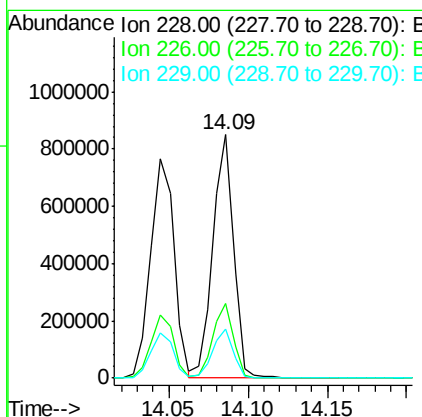
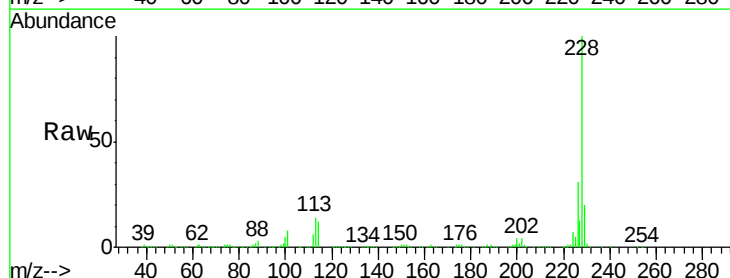
Instrument :
 BNA_F
 ClientSampleId :

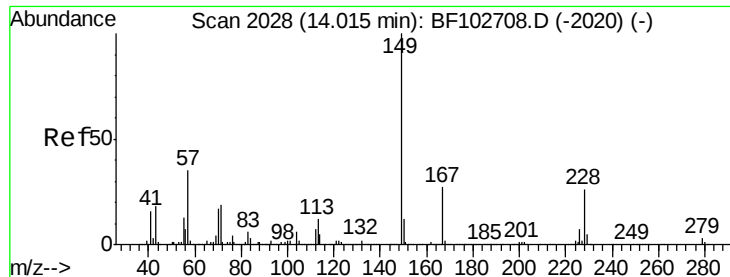
Tot Ion:252 Resp: 314682
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.4 75.6
 126 11.5 11.3 16.9



#82
 Chrysene
 Concen: 38.01 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:228 Resp: 772806
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 20.0 16.2 24.4

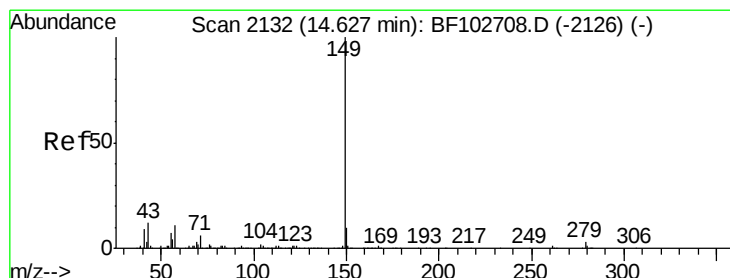
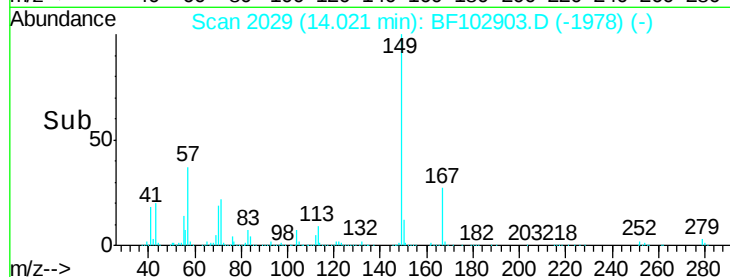
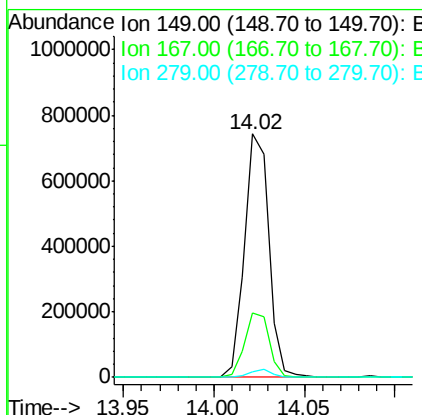
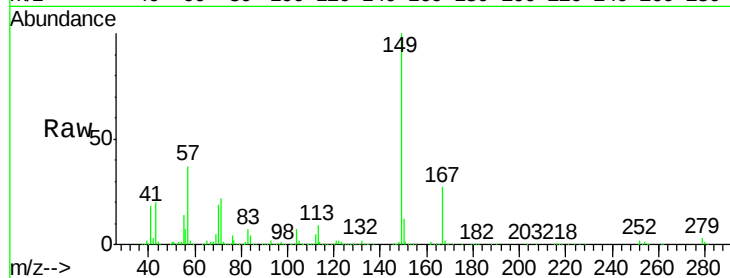




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.15 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

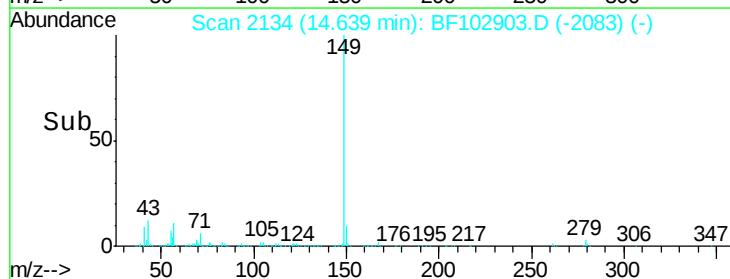
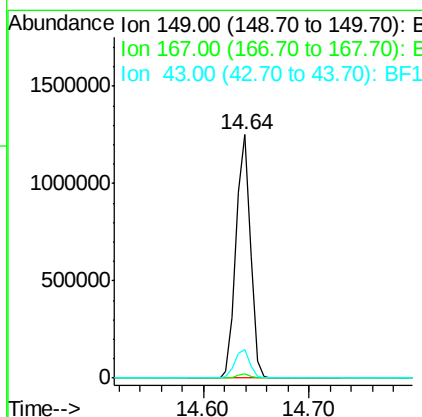
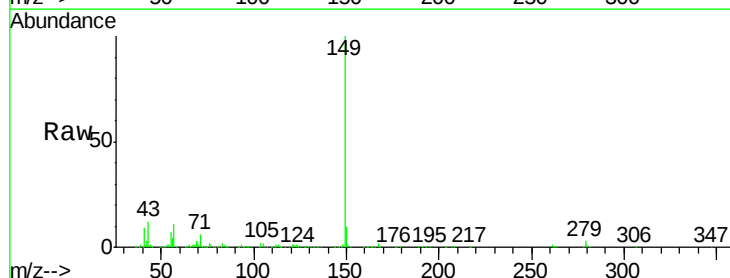
Instrument :
 BNA_F
 ClientSampleId :

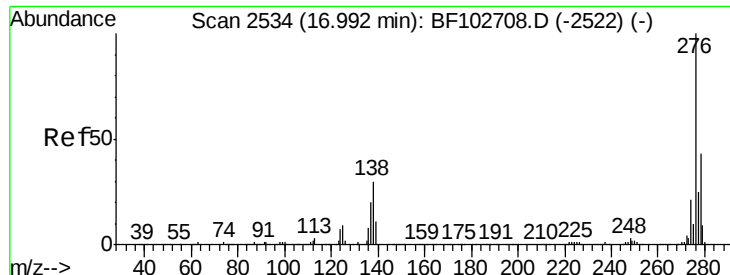
Tot Ion:149 Resp: 695517
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 2.5 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 50.35 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Tgt Ion:149 Resp: 1164758
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.0 8.4 12.6

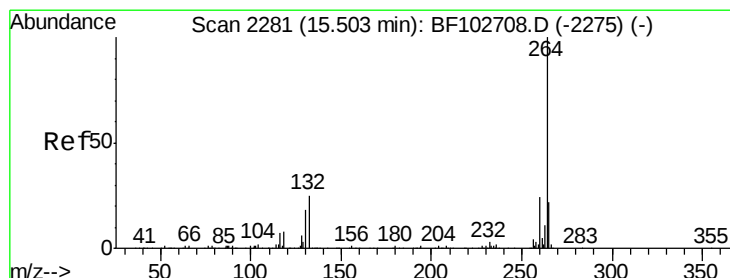
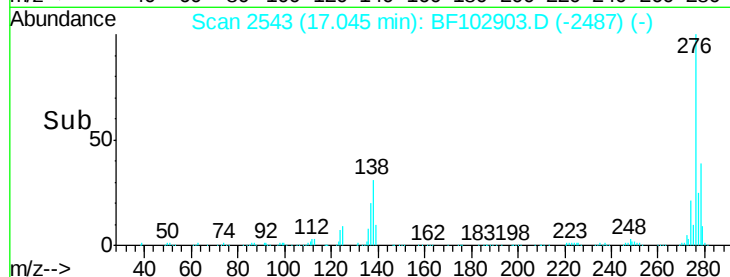
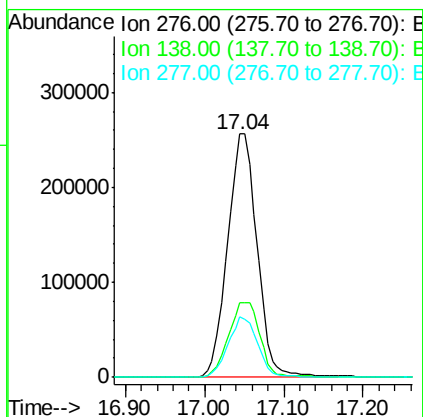
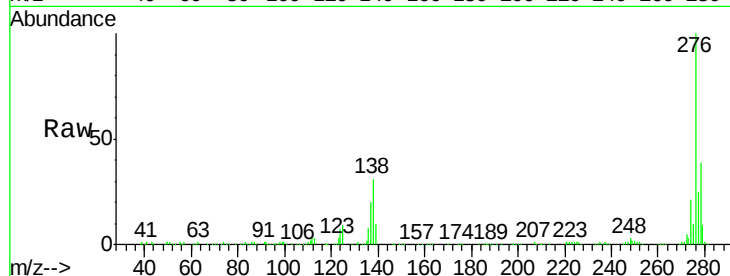




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.26 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

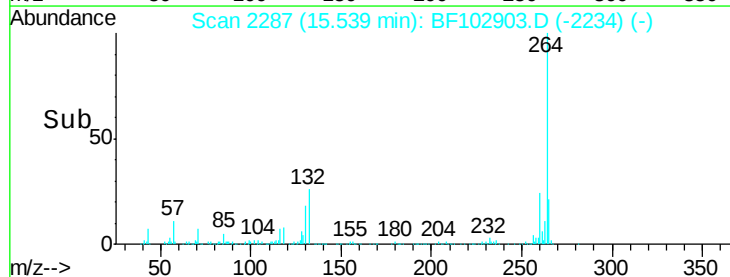
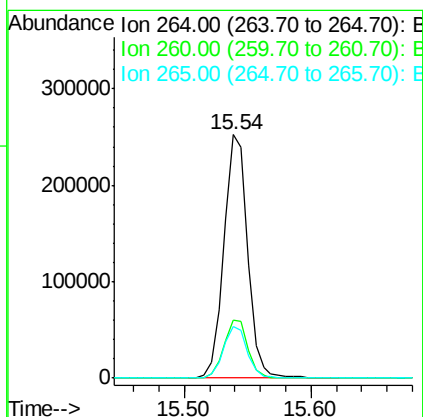
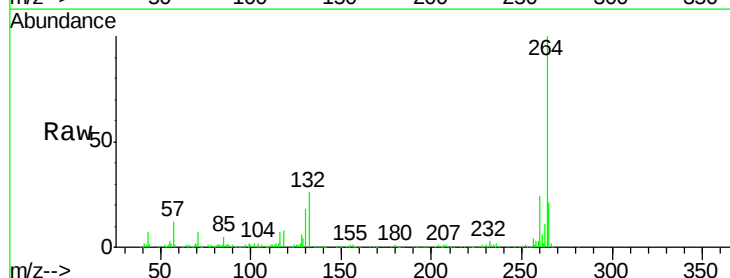
Instrument :
BNA_F
ClientSampleId :

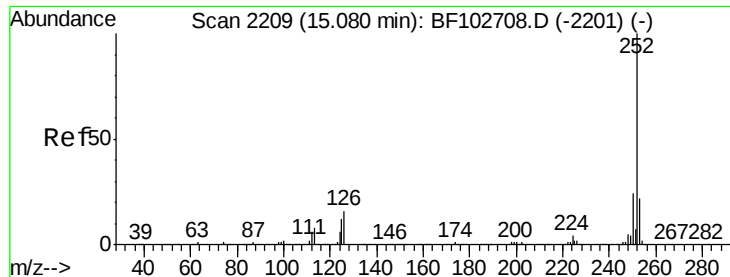
Tot Ion:276 Resp: 662130
Ion Ratio Lower Upper
276 100
138 33.1 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:264 Resp: 326586
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.5 26.3

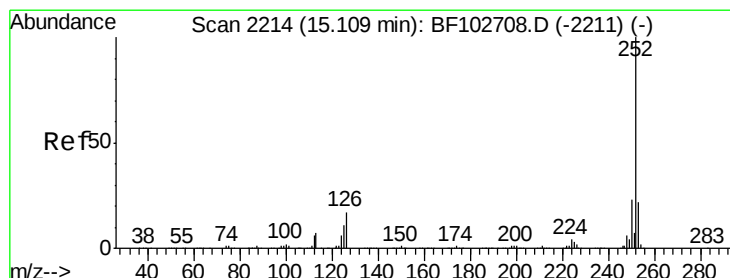
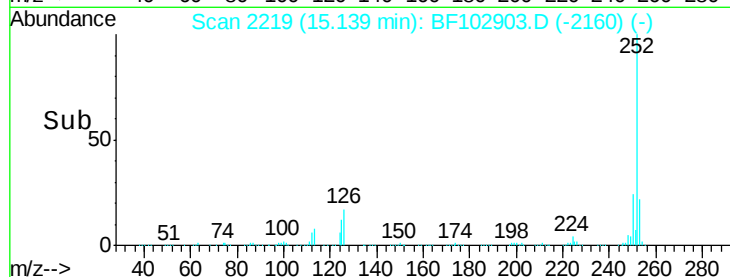
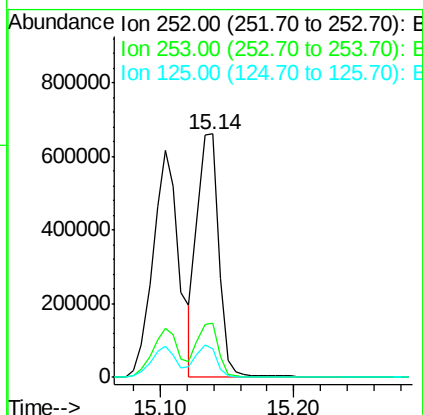
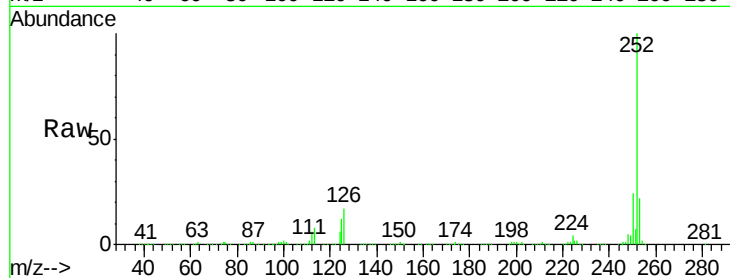




#87
Benzo(b)fluoranthene
Concen: 34.86 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.05 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

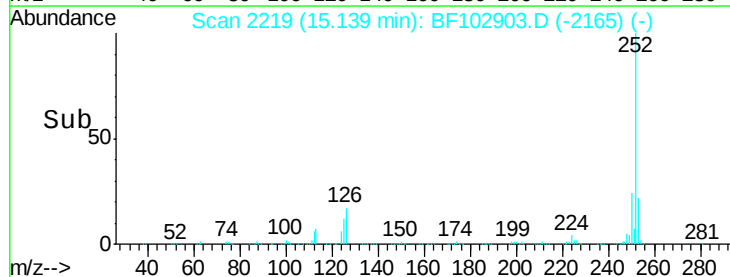
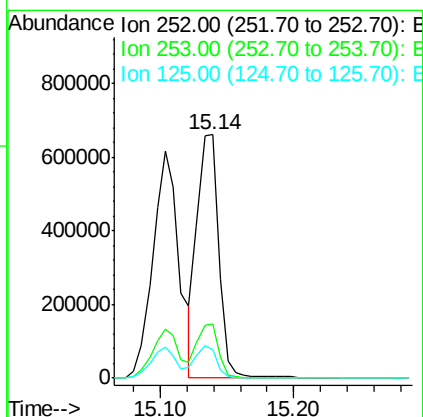
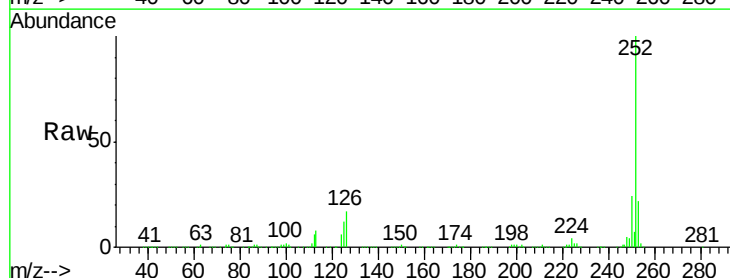
Instrument :
BNA_F
ClientSampleId :

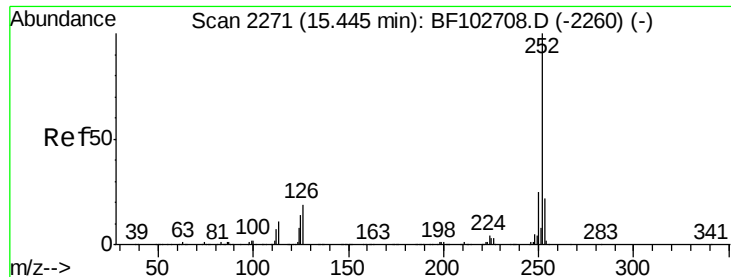
Tot Ion:252 Resp: 738217
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.49 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102903.D
Acq: 9 Feb 2018 22:40

Tgt Ion:252 Resp: 738217
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.17 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

Instrument :

BNA_F

ClientSampleId :

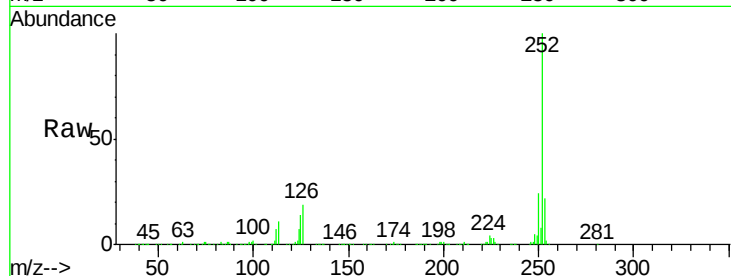
Tot Ion:252 Resp: 727423

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

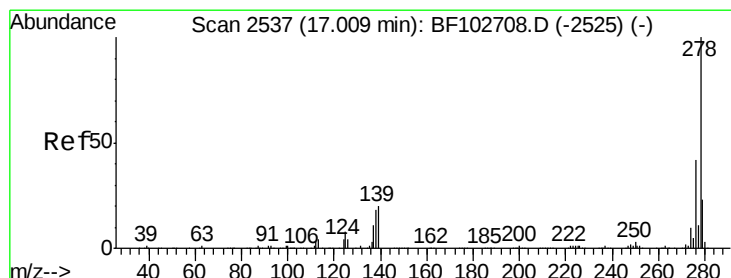
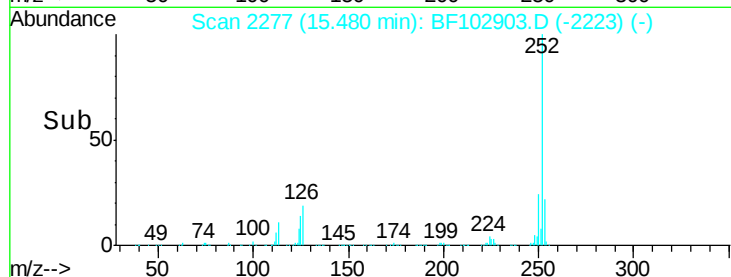
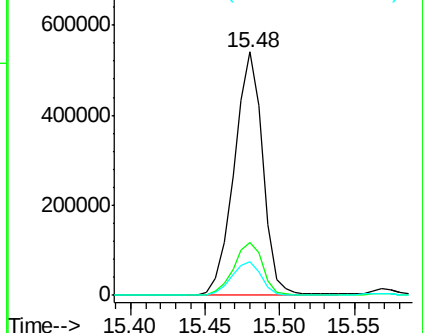
125 14.1 9.8 14.6



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: 36.75 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102903.D

Acq: 9 Feb 2018 22:40

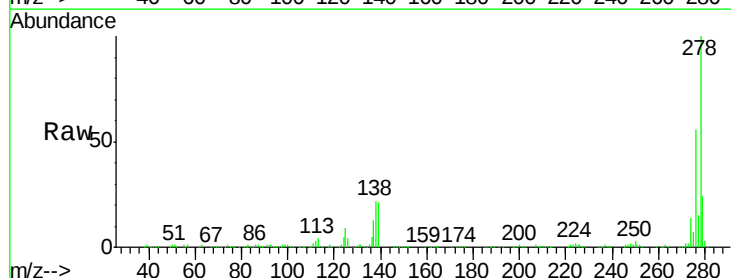
Tgt Ion:278 Resp: 568552

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

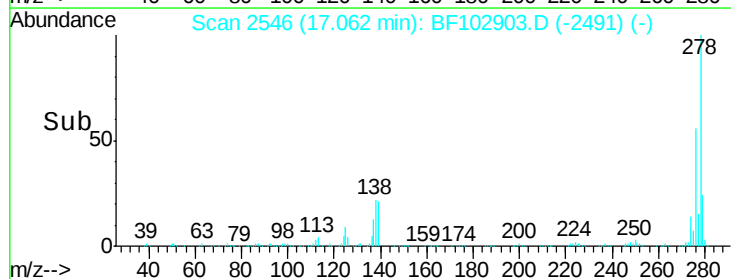
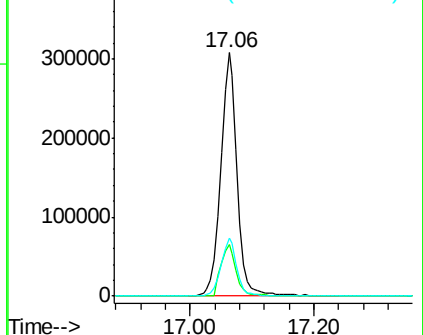
279 23.7 19.0 28.4

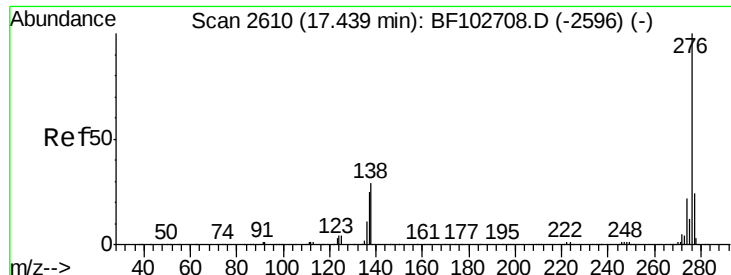


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

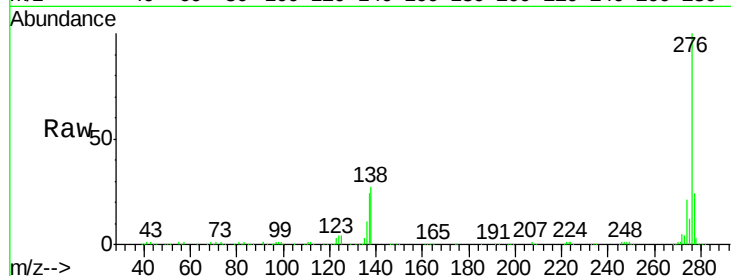




#91
 Benzo(a,h,i)perylene
 Concen: 34.14 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.04 min
 Lab File: BF102903.D
 Acq: 9 Feb 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	27.2	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

