

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104143.D
 Acq On : 2 Apr 2018 18:45
 Operator : JU/SJ
 Sample : J2099-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

Quant Time: Apr 03 01:06:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	121959	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	501837	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	233349	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	375086	20.00	ng	0.00
75) Chrysene-d12	14.15	240	237560	20.00	ng	0.00
86) Perylene-d12	15.69	264	264042	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	940190	122.94	ng	0.01
7) Phenol-d6	6.61	99	1128944	119.99	ng	0.01
23) Nitrobenzene-d5	7.53	82	709879	86.51	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	295860	113.86	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1331325	89.97	ng	0.00
78) Terphenyl-d14	13.08	244	974260	94.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	93983	28.494	ng	# 88
3) Pyridine	3.66	79	215425	25.799	ng	87
4) n-Nitrosodimethylamine	3.62	42	68427	27.570	ng	85
6) Aniline	6.64	93	137923	12.245	ng	# 62
8) 2-Chlorophenol	6.75	128	329790	39.312	ng	98
9) Benzaldehyde	6.52	77	87667	14.689	ng	99
10) Phenol	6.62	94	384738	36.906	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	267021	29.724	ng	91
12) 1,3-Dichlorobenzene	6.90	146	324481	34.410	ng	98
13) 1,4-Dichlorobenzene	6.97	146	365223	36.146	ng	99
14) 1,2-Dichlorobenzene	7.13	146	320910	35.335	ng	100
15) Benzyl Alcohol	7.10	79	227177	37.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	347840	35.541	ng	54
17) 2-Methylphenol	7.22	107	245980	36.027	ng	# 85
18) Hexachloroethane	7.46	117	115297	34.081	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	211014	37.791	ng	92
20) 3+4-Methylphenols	7.37	107	336470	38.613	ng	# 55
22) Acetophenone	7.37	105	442251	36.424	ng	# 97
24) Nitrobenzene	7.55	77	298557	34.579	ng	96
25) Isophorone	7.78	82	586750	38.799	ng	98
26) 2-Nitrophenol	7.86	139	178382	39.580	ng	91
27) 2,4-Dimethylphenol	7.89	122	275245	42.347	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	383261	40.436	ng	100
29) 2,4-Dichlorophenol	8.10	162	273530	40.290	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	285975	37.125	ng	98
31) Naphthalene	8.26	128	962692	39.267	ng	99
32) Benzoic acid	8.00	122	43576	9.152	ng	# 83
33) 4-Chloroaniline	8.34	127	76643	7.415	ng	97
34) Hexachlorobutadiene	8.37	225	151150	36.059	ng	99
35) Caprolactam	8.69	113	78947	36.674	ng	# 77
36) 4-Chloro-3-methylphenol	8.80	107	286489	39.896	ng	99
37) 2-Methylnaphthalene	8.96	142	602794	37.327	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	275078	38.442	ng	98
40) Hexachlorocyclopentadiene	9.10	237	39799	16.407	ng	97

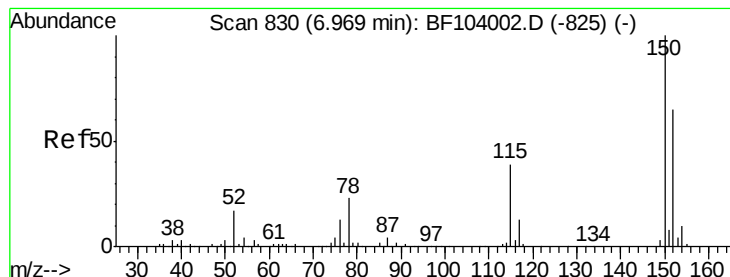
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104143.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	168009	37.079	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	195342	35.705	nq	94
45) 1,1'-Biphenyl	9.42	154	747076	37.302	nq	100
46) 2-Chloronaphthalene	9.45	162	579762	36.698	nq	98
47) 2-Nitroaniline	9.55	65	164712	36.564	nq	95
48) Acenaphthylene	9.86	152	854378	35.698	nq	100
49) Dimethylphthalate	9.72	163	783859	42.546	nq	99
50) 2,6-Dinitrotoluene	9.79	165	143987	36.327	nq	98
51) Acenaphthene	10.03	154	479202	34.611	nq	98
52) 3-Nitroaniline	9.97	138	69282	15.205	nq	98
53) 2,4-Dinitrophenol	10.08	184	46869	30.771	nq	# 35
54) Dibenzofuran	10.21	168	753322	37.259	nq	98
55) 4-Nitrophenol	10.14	139	162845	59.606	nq	98
56) 2,4-Dinitrotoluene	10.20	165	180521	35.692	nq	# 97
57) Fluorene	10.55	166	597765	35.842	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	161535	39.409	nq	# 85
59) Diethylphthalate	10.42	149	640162	36.270	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	289364	37.776	nq	95
61) 4-Nitroaniline	10.59	138	118889	27.886	nq	91
62) Azobenzene	10.70	77	576636	36.131	nq	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	45794	20.169	nq	84
65) n-Nitrosodiphenylamine	10.66	169	528233	41.584	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	160281	39.942	nq	# 89
67) Hexachlorobenzene	11.10	284	172833	37.442	nq	# 84
68) Atrazine	11.19	200	160426	41.223	nq	99
69) Pentachlorophenol	11.30	266	155066	61.047	nq	97
70) Phenanthrene	11.52	178	738564	36.369	nq	98
71) Anthracene	11.57	178	831007	39.176	nq	99
72) Carbazole	11.73	167	706412	34.893	nq	99
73) Di-n-butylphthalate	12.04	149	930857	38.601	nq	99
74) Fluoranthene	12.72	202	653769	30.287	nq	97
76) Benzidine	12.85	184	295995	43.722	nq	97
77) Pyrene	12.95	202	637467	37.329	nq	99
79) Butylbenzylphthalate	13.54	149	306316	38.073	nq	94
80) Benzo(a)anthracene	14.14	228	535925	36.054	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	153603	31.219	nq	98
82) Chrysene	14.18	228	562435	38.631	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	402772	38.745	nq	99
84) Di-n-octyl phthalate	14.72	149	662762	37.063	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	549885	36.448	nq	96
87) Benzo(b)fluoranthene	15.23	252	528946	32.916	nq	100
88) Benzo(k)fluoranthene	15.26	252	641953	42.408	nq	98
89) Benzo(a)pyrene	15.63	252	569230	38.226	nq	99
90) Dibenzo(a,h)anthracene	17.29	278	477922	34.713	nq	98
91) Benzo(g,h,i)perylene	17.76	276	430313	31.204	nq	95

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

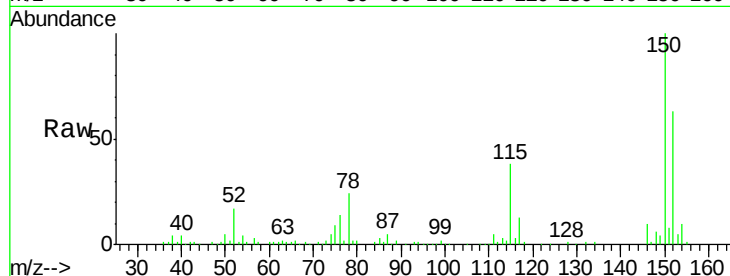


#1

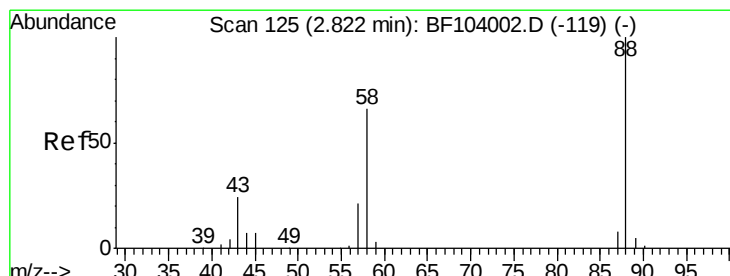
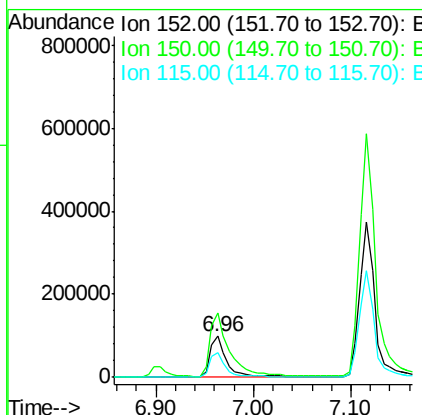
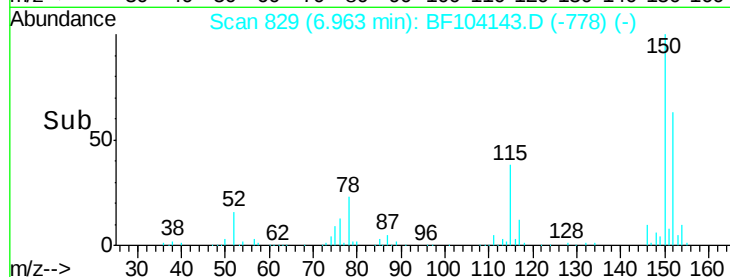
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	60.8	50.1	75.1



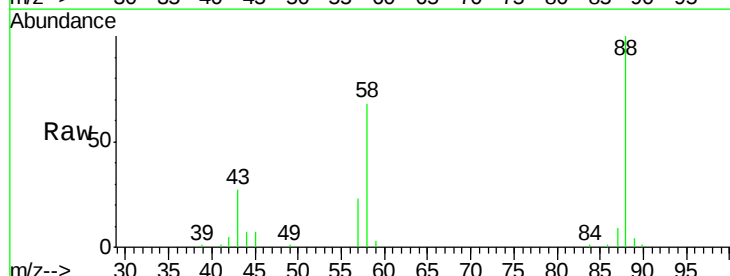
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



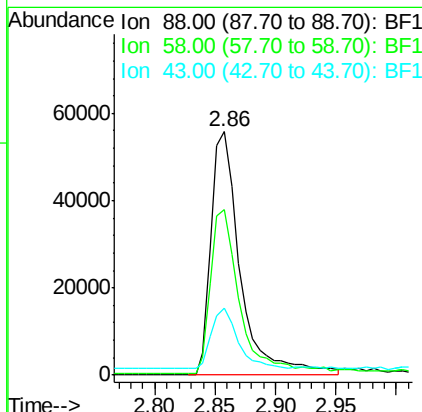
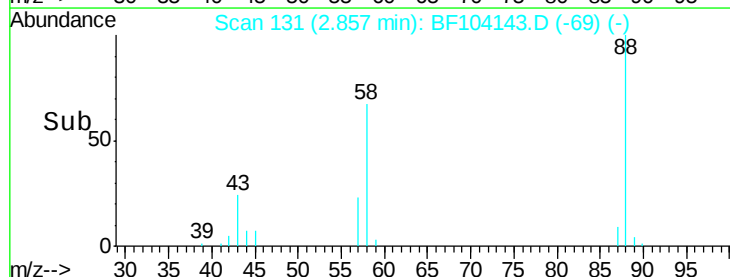
#2

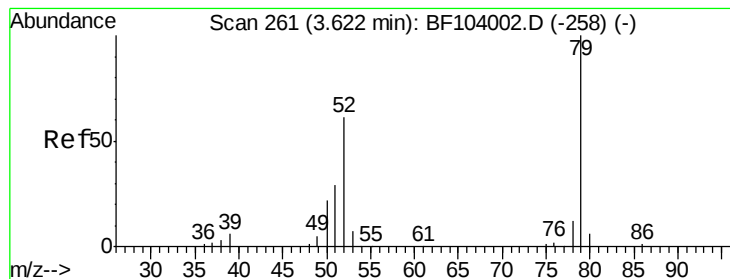
1,4-Dioxane
 Concen: 28.494 ng
 RT: 2.86 min Scan# 131
 Delta R.T. 0.06 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	62.6	93.8
43	22.6	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: 25.799 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

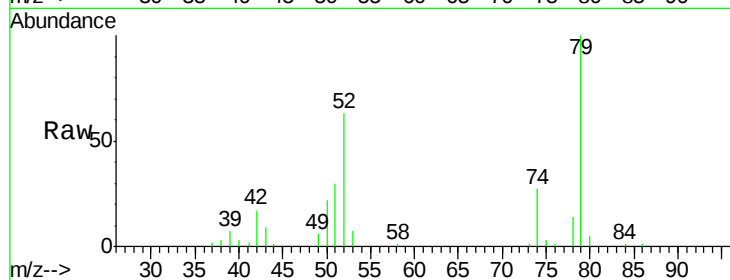
Tot Ion: 79 Resp: 215425

Ion Ratio Lower Upper

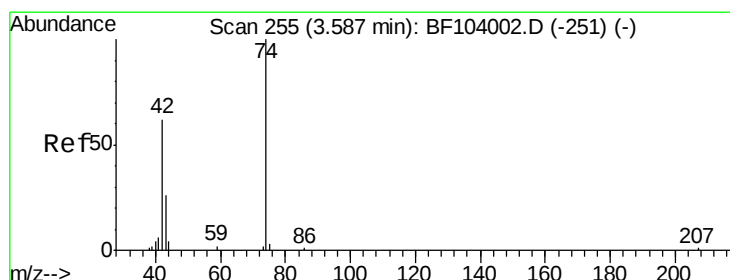
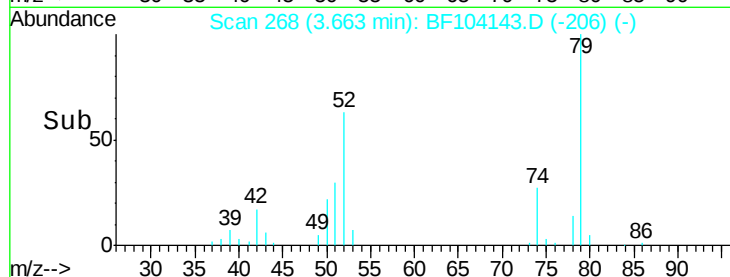
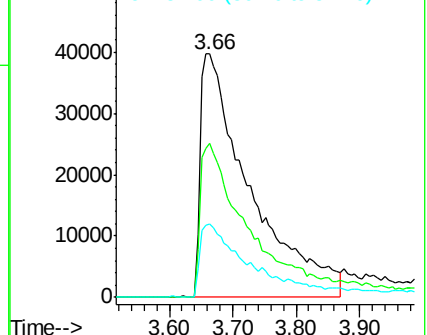
79 100

52 63.3 59.8 89.6

51 30.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 27.570 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.05 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

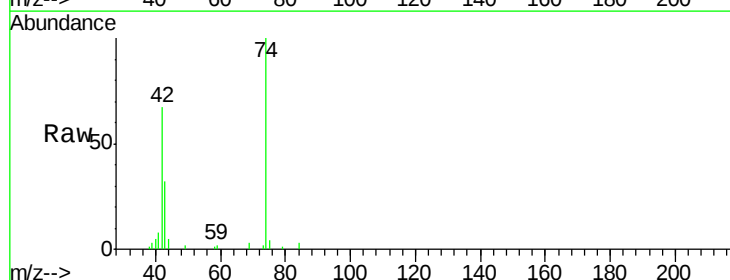
Tgt Ion: 42 Resp: 68427

Ion Ratio Lower Upper

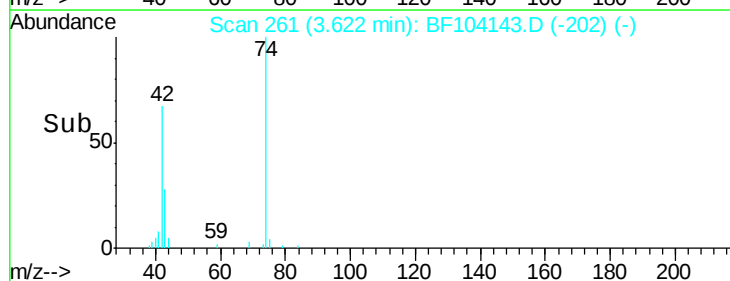
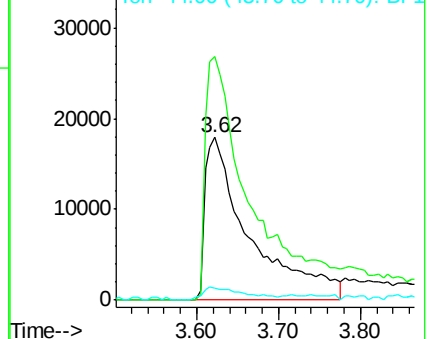
42 100

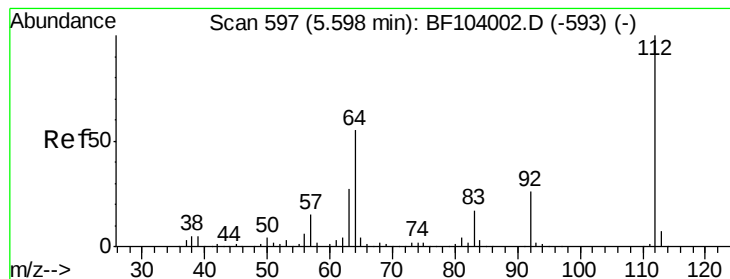
74 149.7 104.9 157.3

44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.940 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

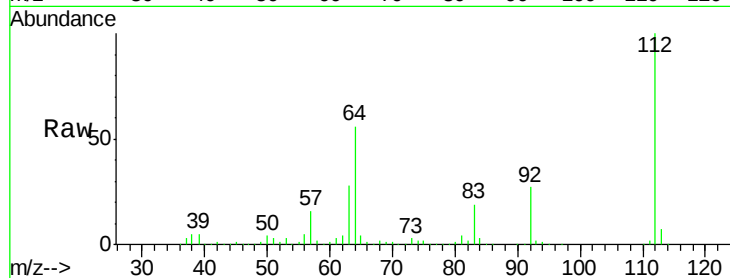
Tot Ion: 112 Resp: 940190

Ion Ratio Lower Upper

112 100

64 56.2 47.9 71.9

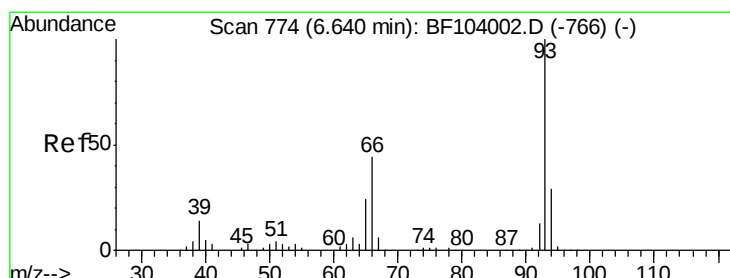
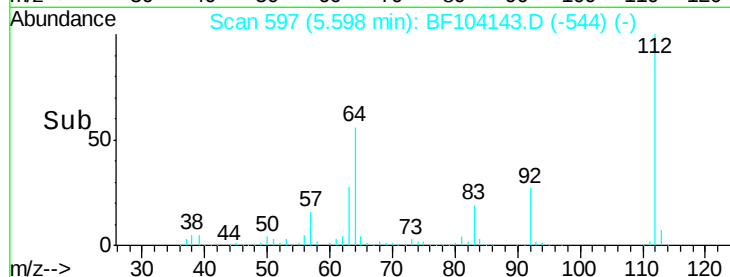
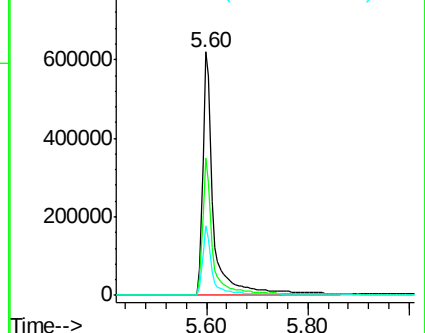
63 28.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.245 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

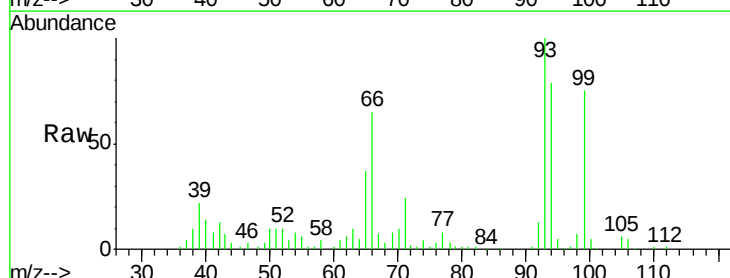
Tgt Ion: 93 Resp: 137923

Ion Ratio Lower Upper

93 100

66 64.6 32.2 48.2#

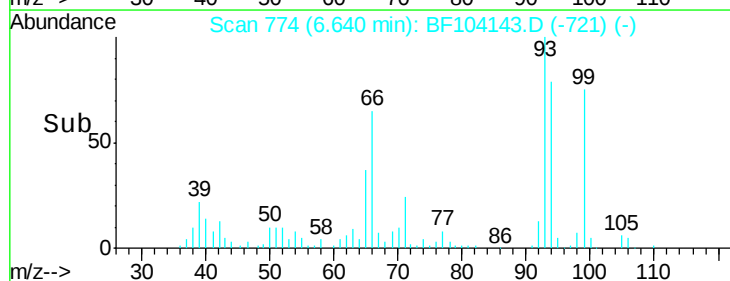
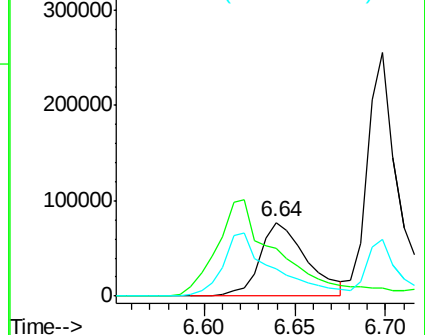
65 37.2 16.4 24.6#

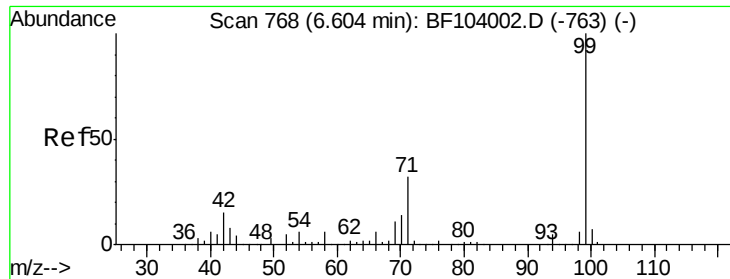


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.988 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

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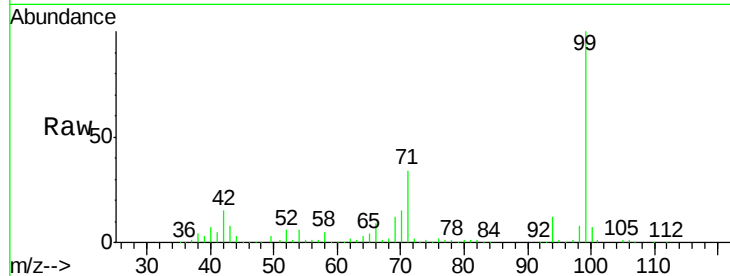
Tot Ion: 99 Resp: 1128944

Ion Ratio Lower Upper

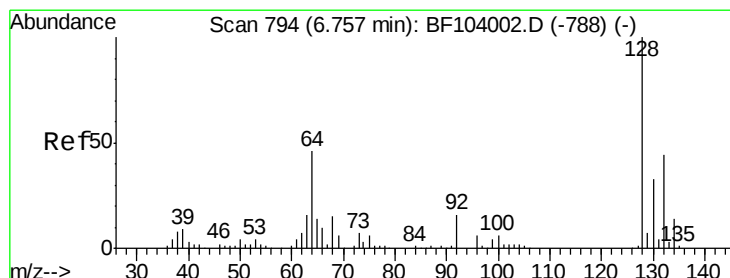
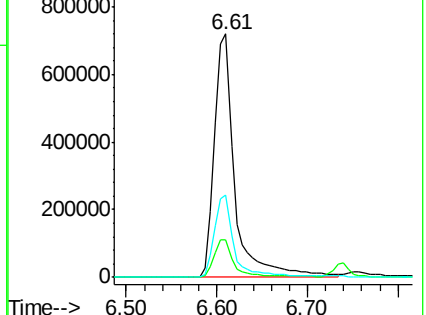
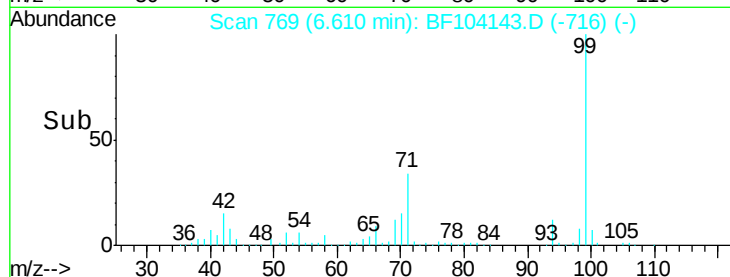
99 100

42 15.4 14.5 21.7

71 33.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.312 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

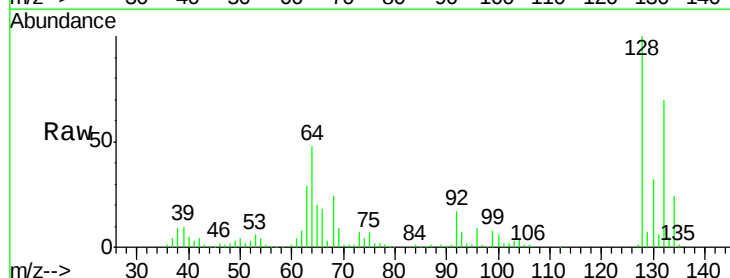
Tgt Ion:128 Resp: 329790

Ion Ratio Lower Upper

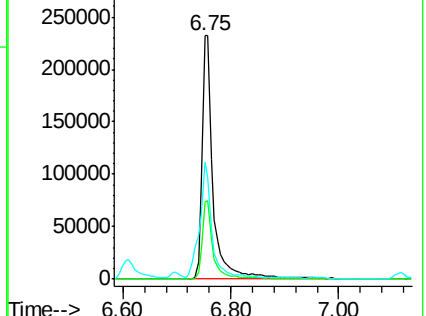
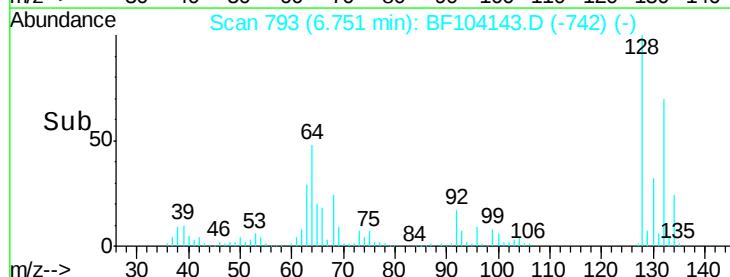
128 100

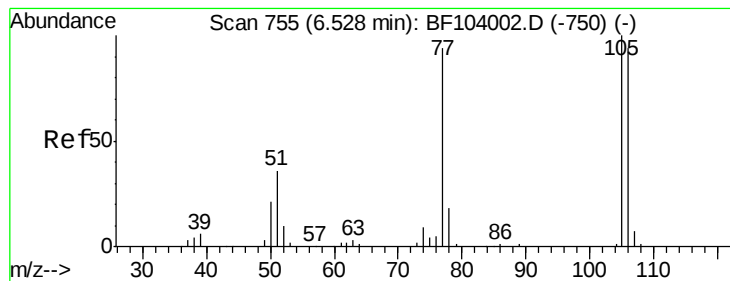
130 31.8 13.0 53.0

64 47.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 14.689 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

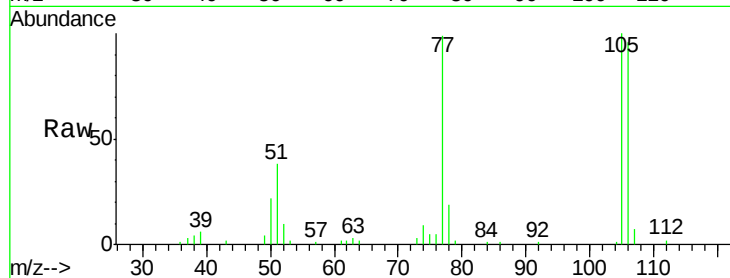
Tot Ion: 77 Resp: 87667

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

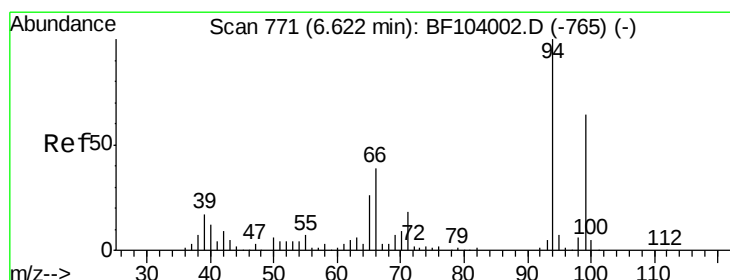
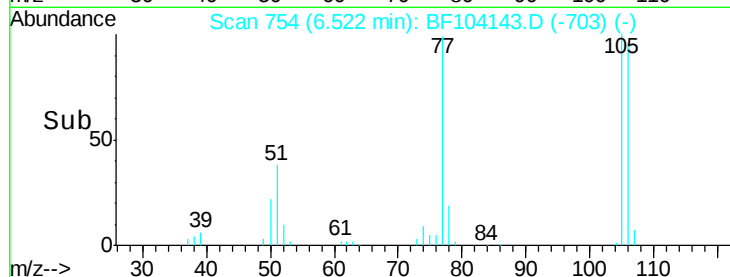
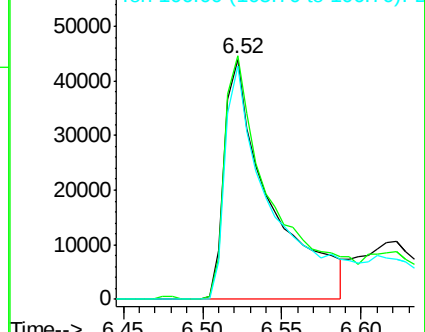
106 97.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.906 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

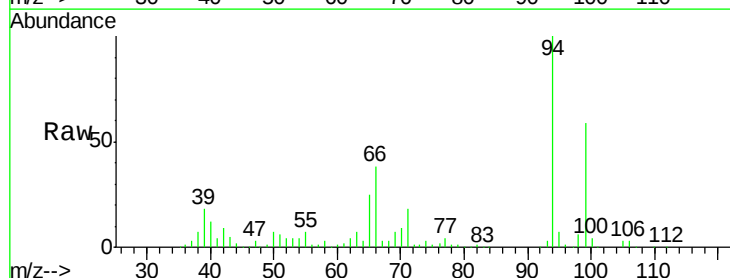
Tgt Ion: 94 Resp: 384738

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

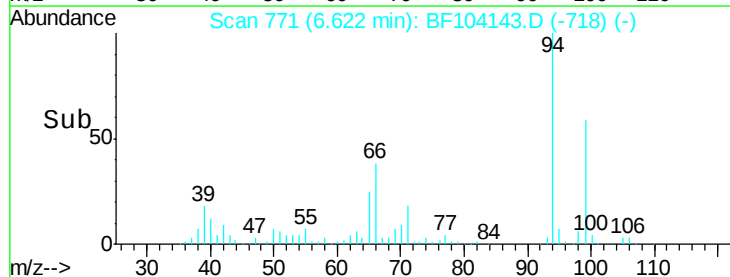
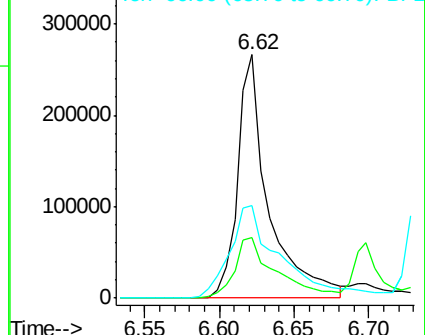
66 37.8 16.2 56.2

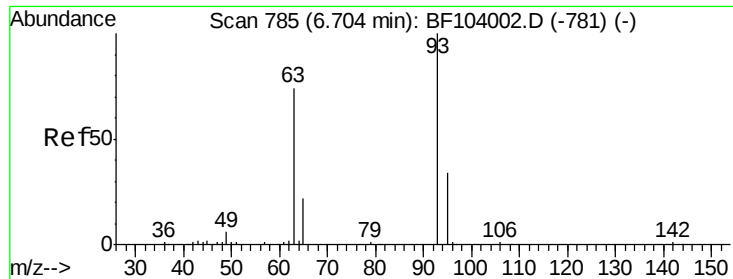


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

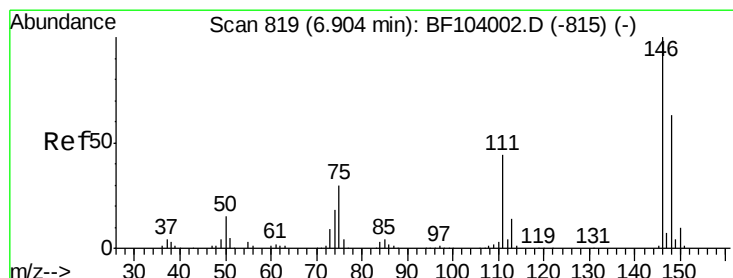
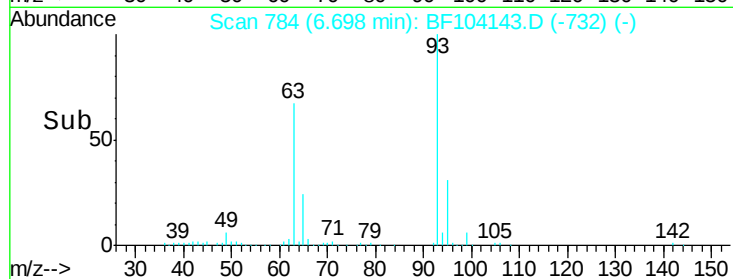
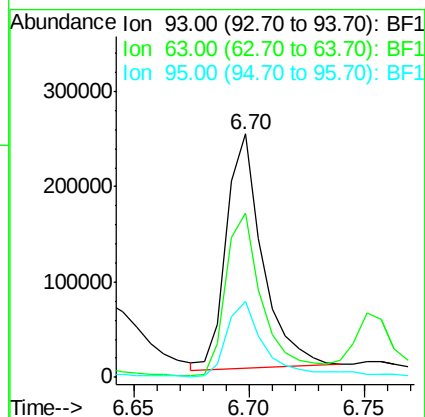
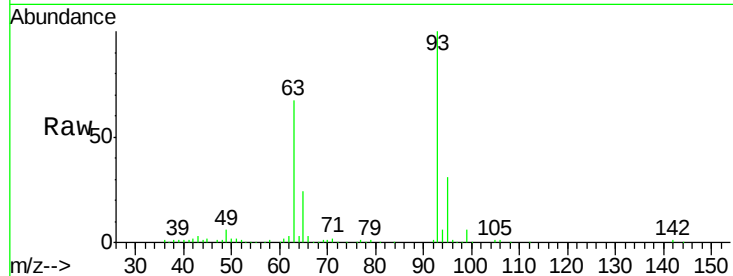




#11
bis(2-Chloroethyl)ether
Concen: 29.724 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

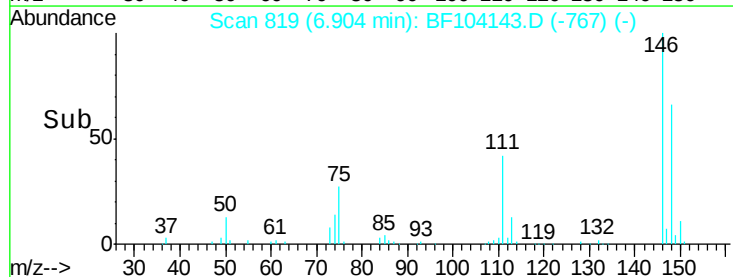
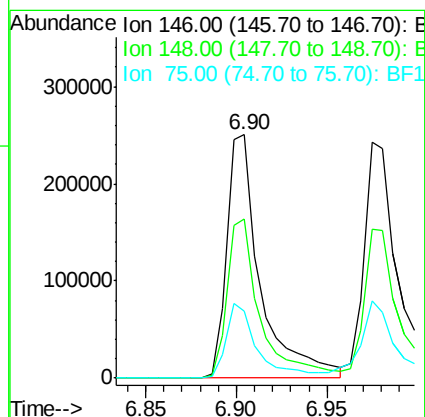
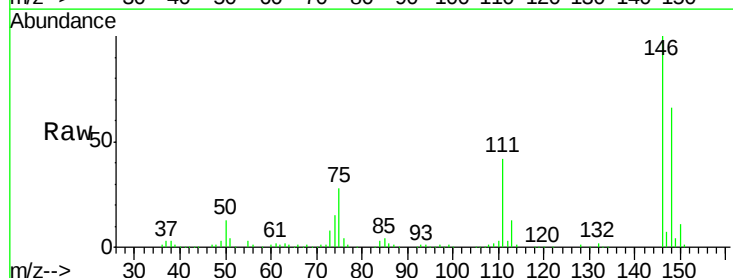
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

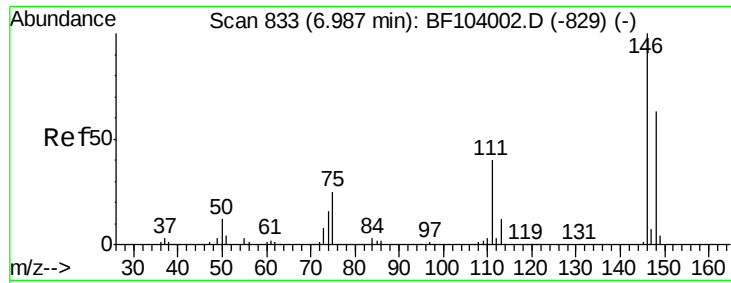
Tot Ion:	93	Resp:	267021
Ion	Ratio	Lower	Upper
93	100		
63	67.4	58.6	98.6
95	31.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 34.410 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:	146	Resp:	324481
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	27.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.146 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

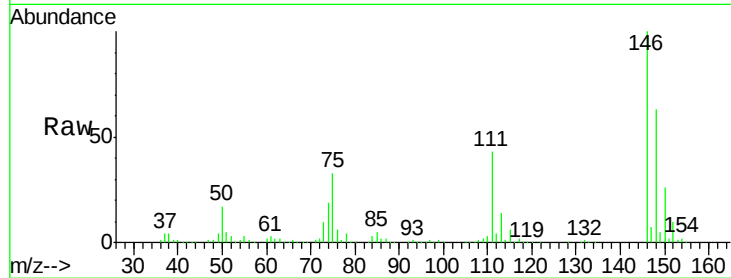
Tot Ion:146 Resp: 365223

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

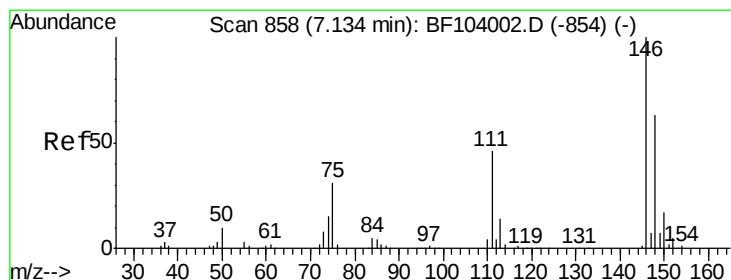
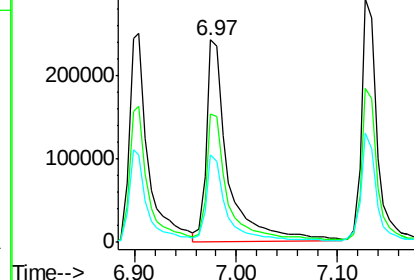
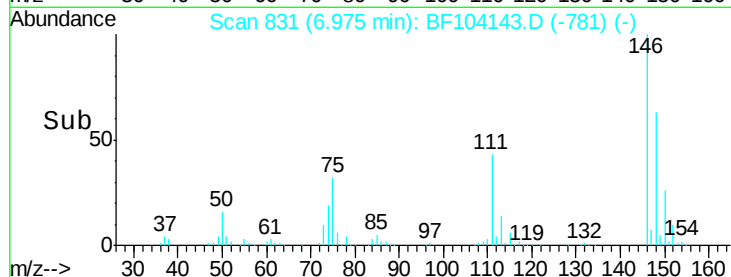
111 43.4 34.2 51.2



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: 35.335 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

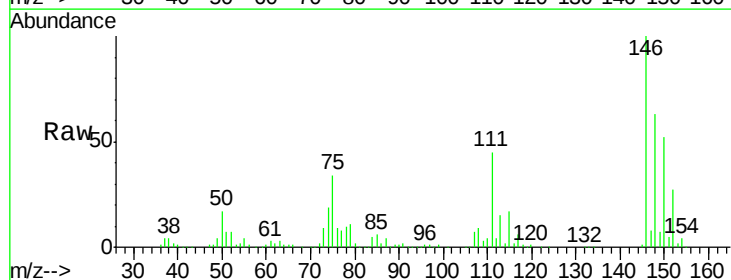
Tgt Ion:146 Resp: 320910

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

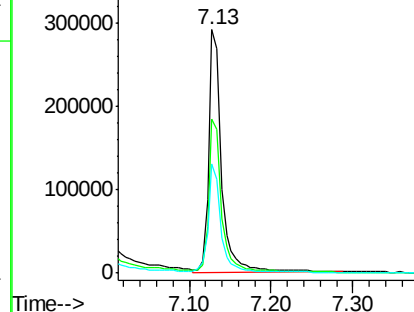
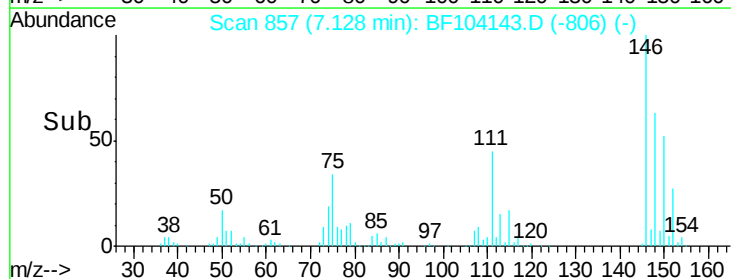
111 45.0 36.0 54.0

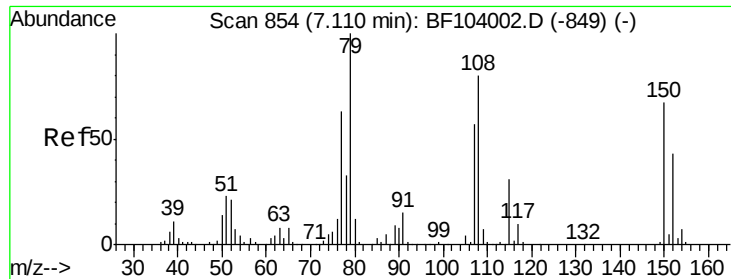


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

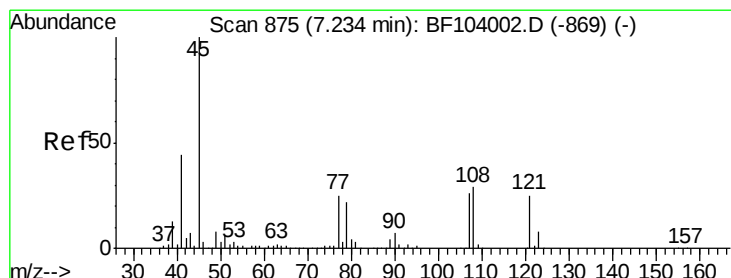
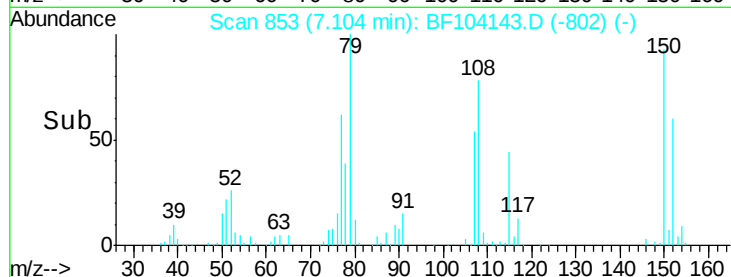
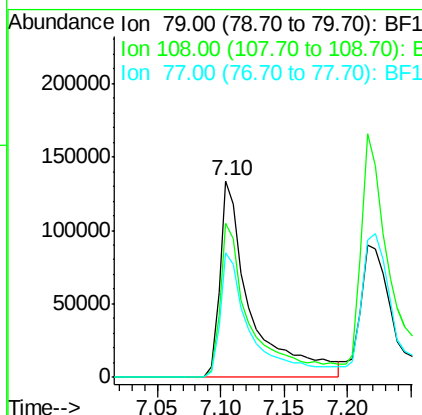
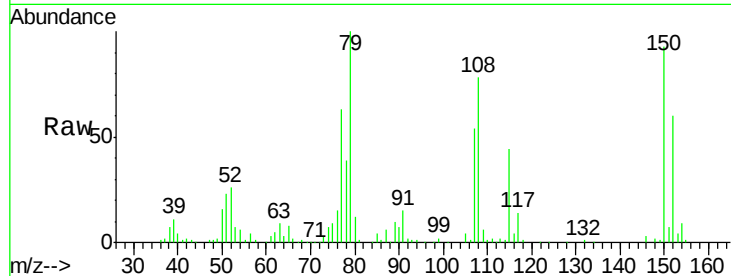




#15
Benzyl Alcohol
Concen: 37.136 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

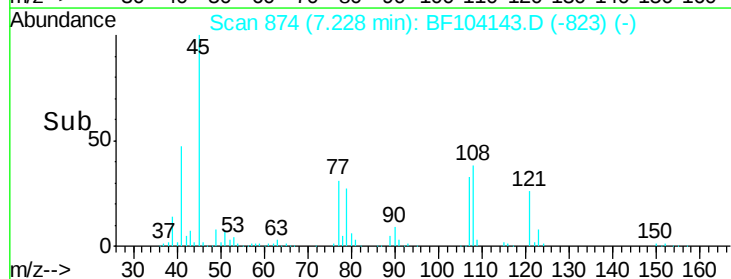
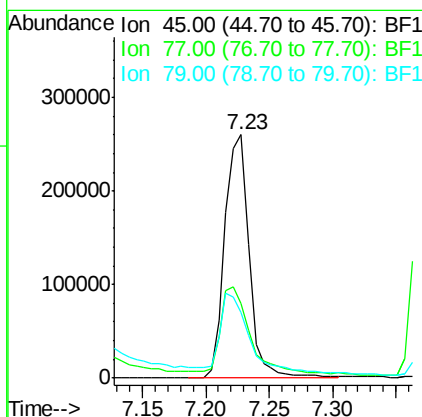
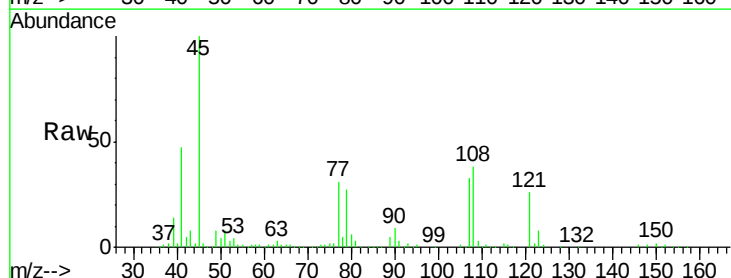
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

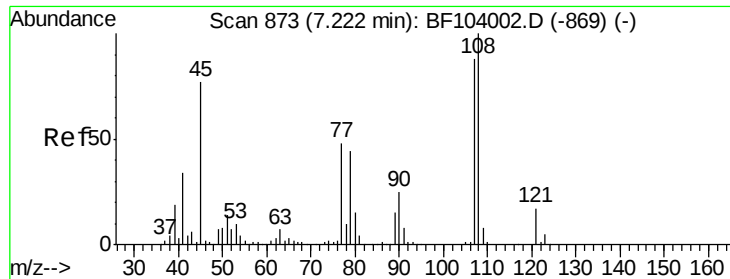
Tot Ion: 79 Resp: 227177
Ion Ratio Lower Upper
79 100
108 78.2 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.541 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion: 45 Resp: 347840
Ion Ratio Lower Upper
45 100
77 30.8 0.0 32.9
79 27.1 0.0 29.6





#17

2-Methylphenol

Concen: 36.027 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

Tot Ion:107 Resp: 245980

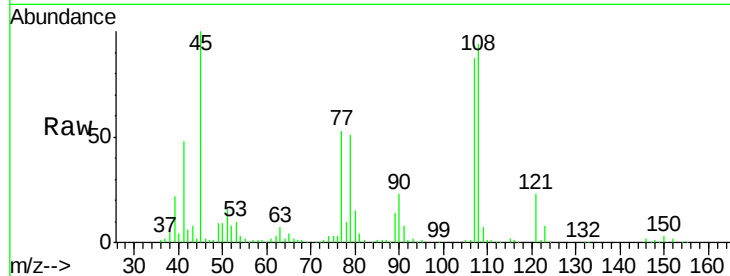
Ion Ratio Lower Upper

107 100

108 108.6 91.7 137.5

77 61.2 33.8 50.8#

79 59.2 33.8 50.8#

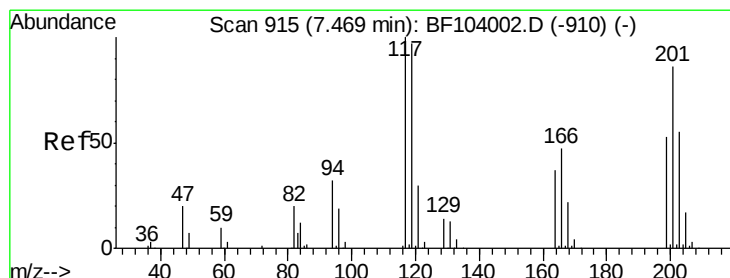
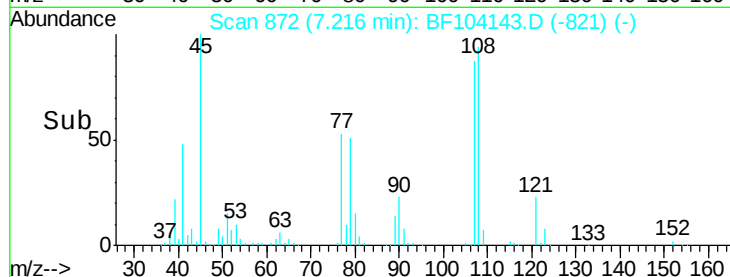
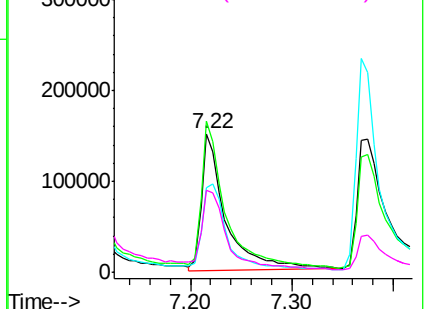


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.081 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

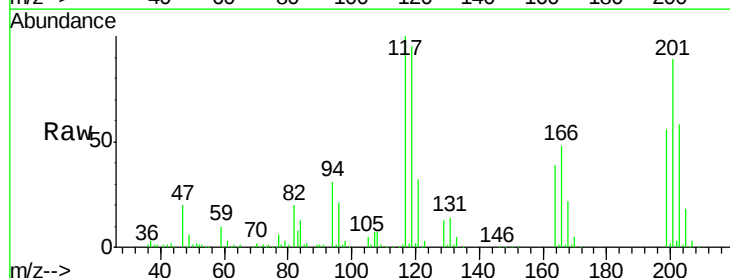
Tgt Ion:117 Resp: 115297

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

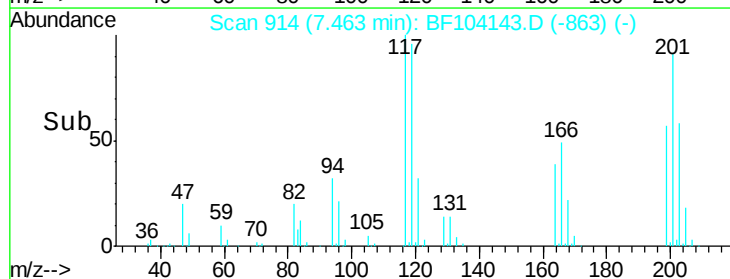
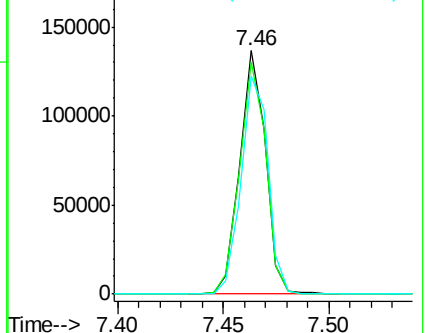
201 89.5 75.7 113.5

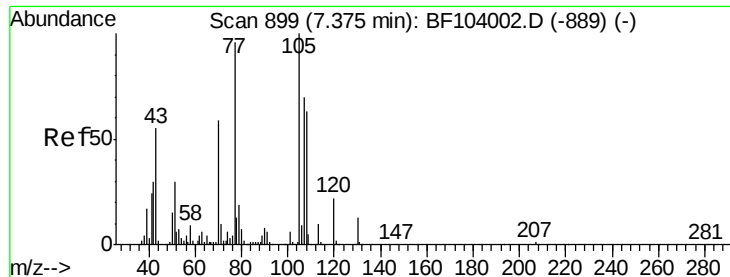


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

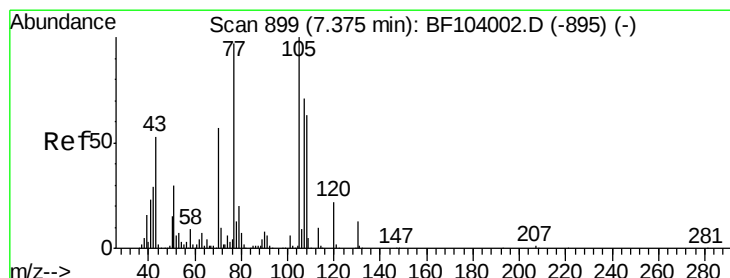
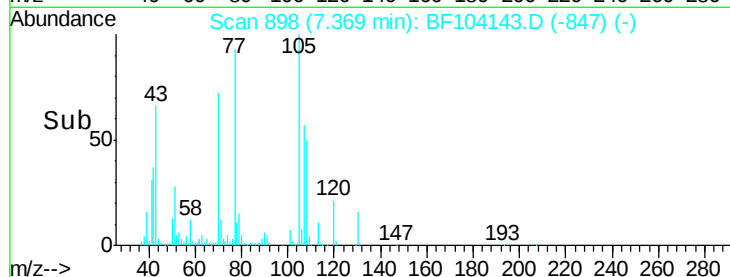
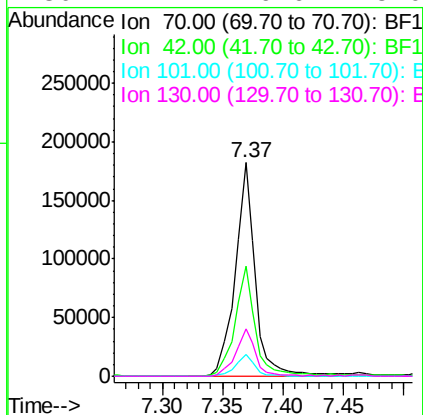
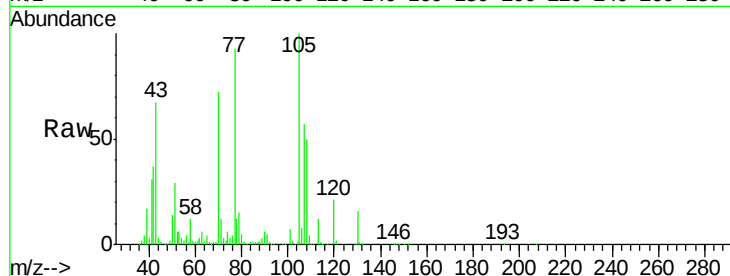




#19
n-Nitroso-di-n-propylamine
Concen: 37.791 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

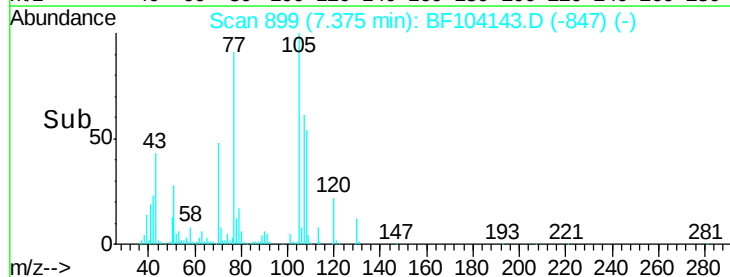
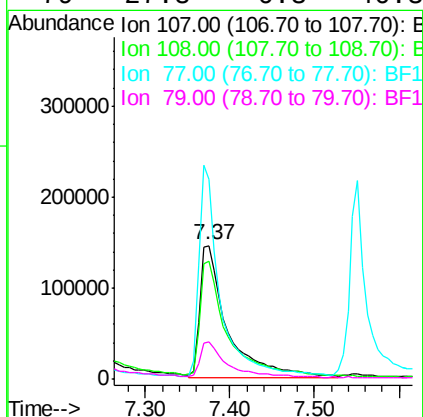
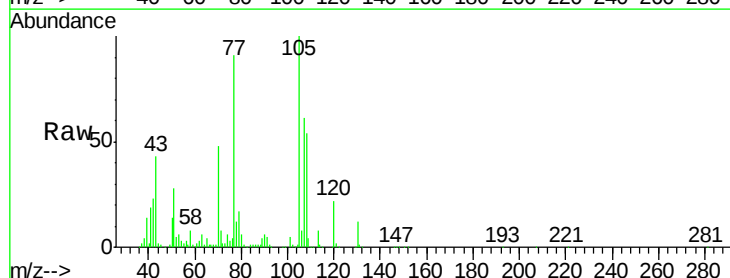
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

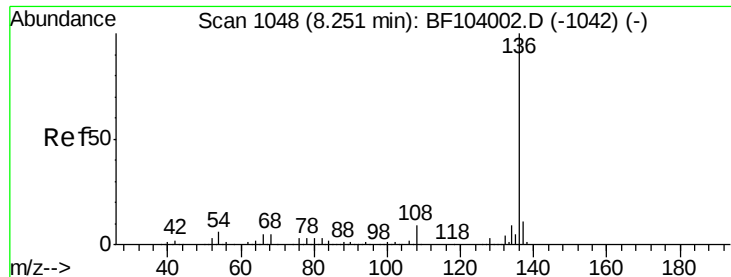
Tot Ion: 70 Resp: 211014
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 10.0 7.4 11.2
130 22.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.613 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:107 Resp: 336470
Ion Ratio Lower Upper
107 100
108 88.5 68.2 108.2
77 149.6 26.7 66.7#
79 27.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

Tot Ion:136 Resp: 501837

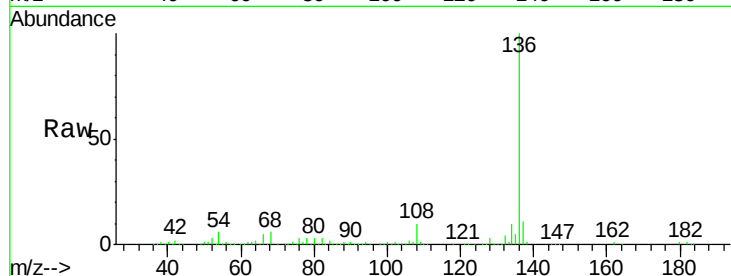
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.0 6.6 9.8#

68 5.6 5.0 7.4

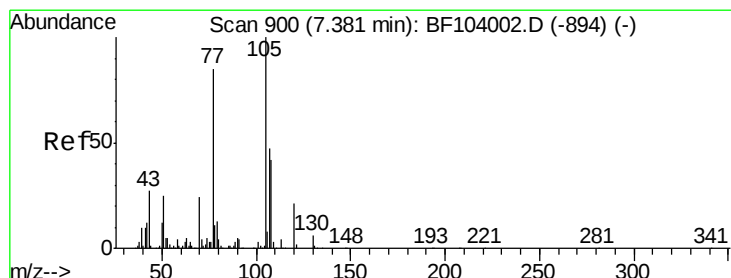
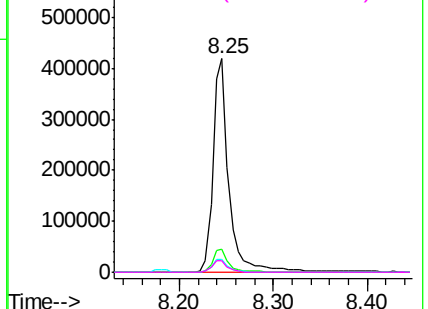
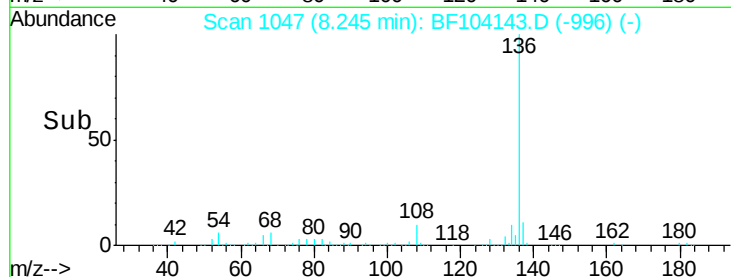


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.424 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Tgt Ion:105 Resp: 442251

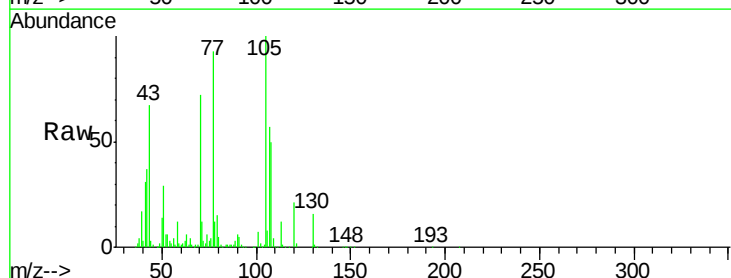
Ion Ratio Lower Upper

105 100

71 12.3 4.4 6.6#

51 28.6 22.3 33.5

120 21.5 16.9 25.3

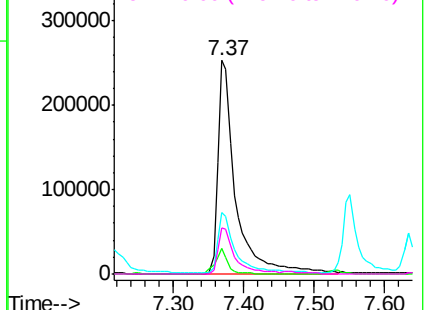
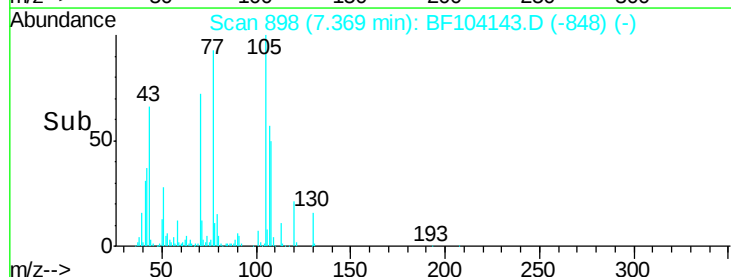


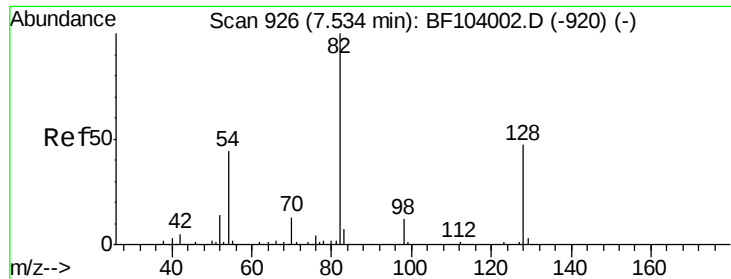
Abundance Ion 105.00 (104.70 to 105.70): E

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

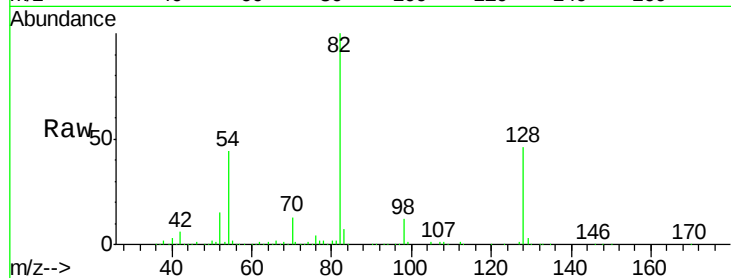




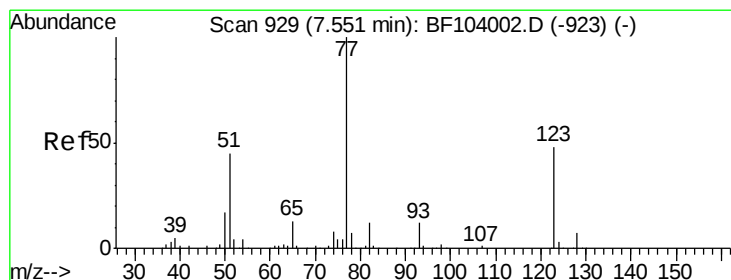
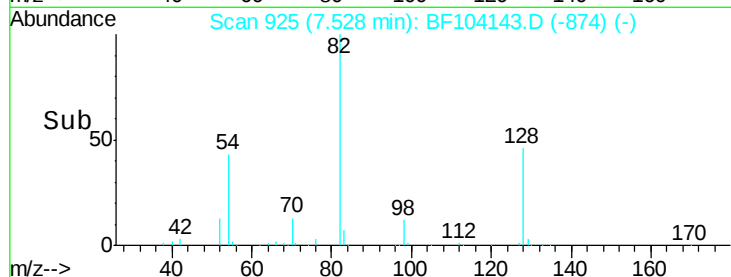
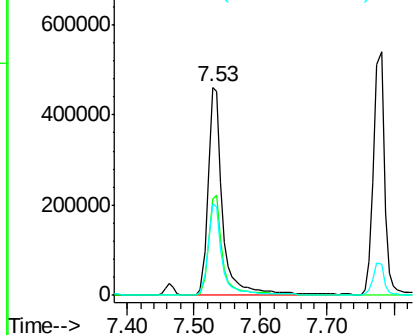
#23
Nitrobenzene-d5
Concen: 86.508 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

Tot Ion: 82 Resp: 709879
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 43.8 41.4 62.2

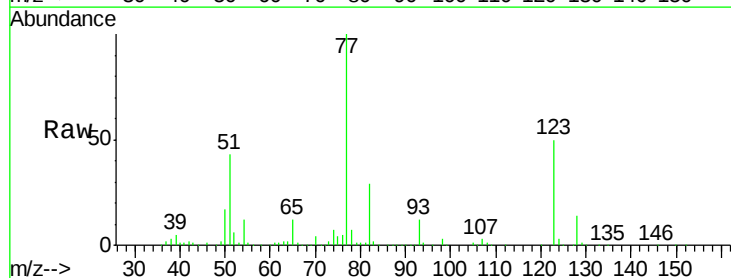


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

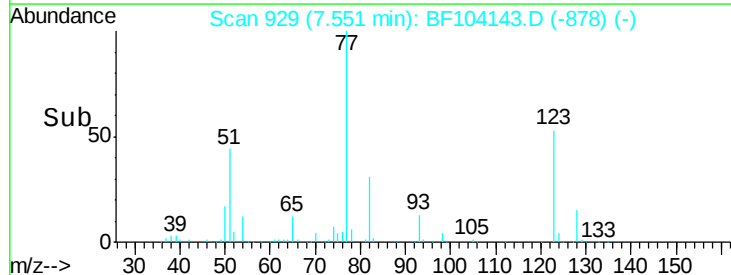
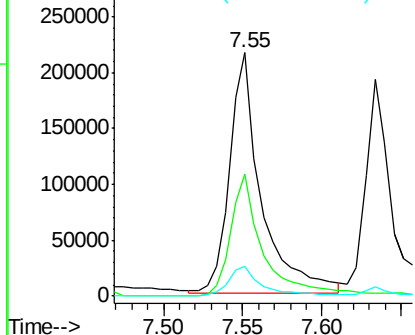


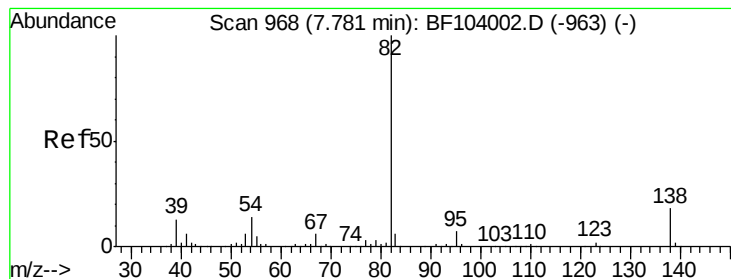
#24
Nitrobenzene
Concen: 34.579 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion: 77 Resp: 298557
Ion Ratio Lower Upper
77 100
123 50.2 37.9 56.9
65 12.3 11.0 16.4



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





#25

Isophorone

Concen: 38.799 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

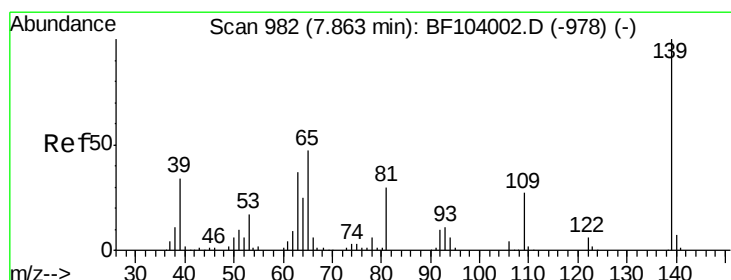
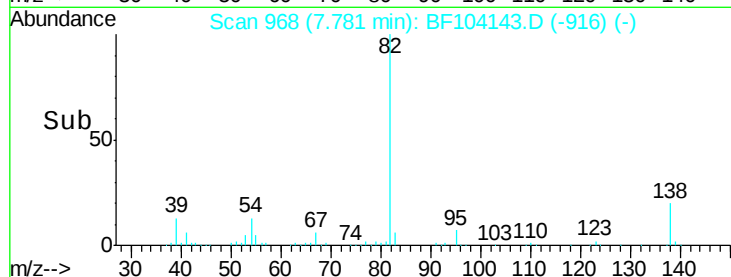
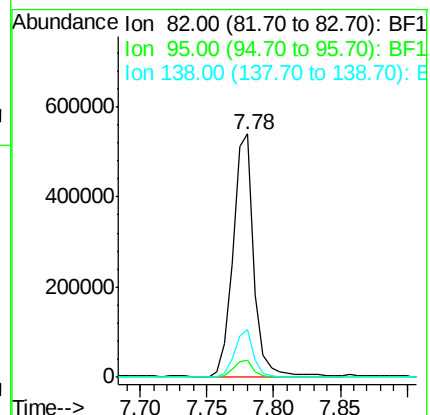
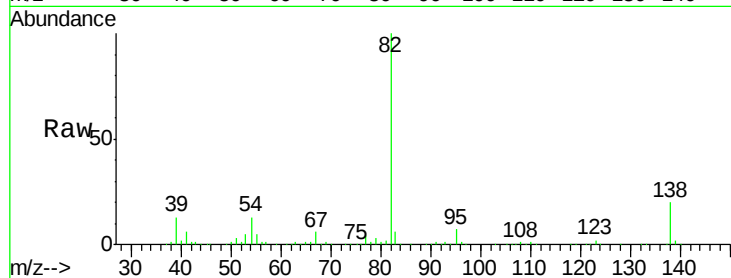
Tot Ion: 82 Resp: 586750

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.8 14.9 22.3



#26

2-Nitrophenol

Concen: 39.580 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

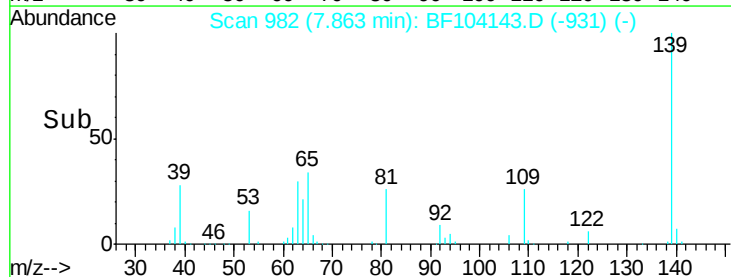
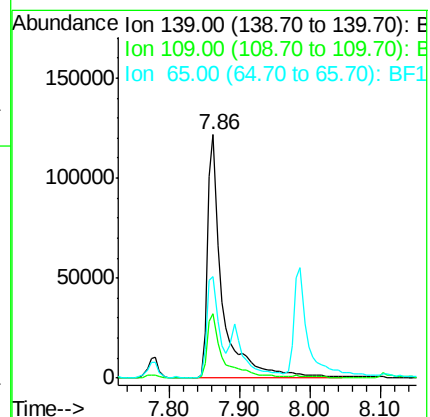
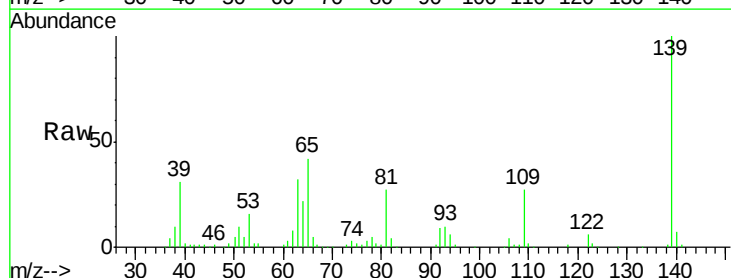
Tgt Ion: 139 Resp: 178382

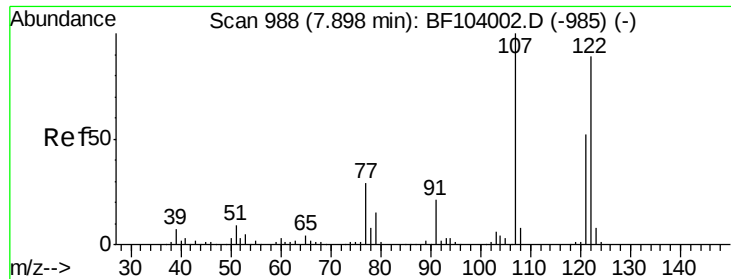
Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 41.6 40.5 60.7

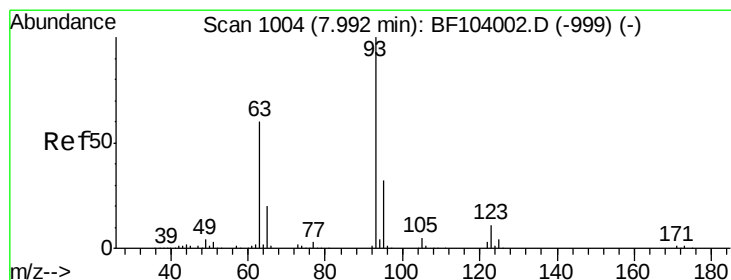
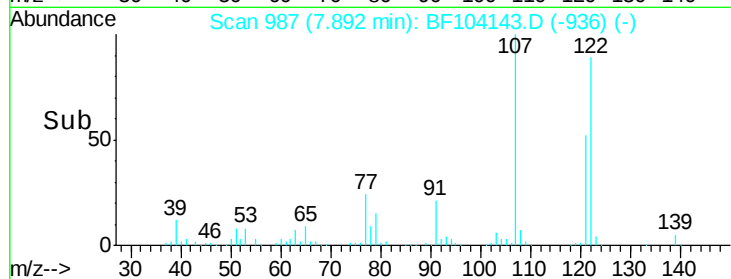
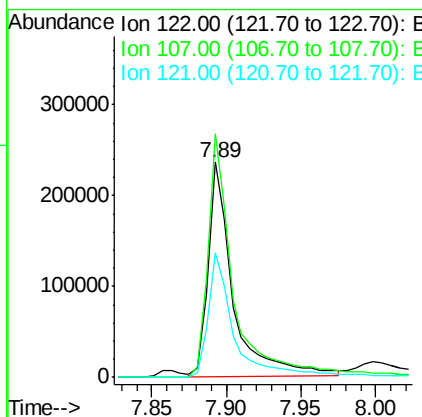
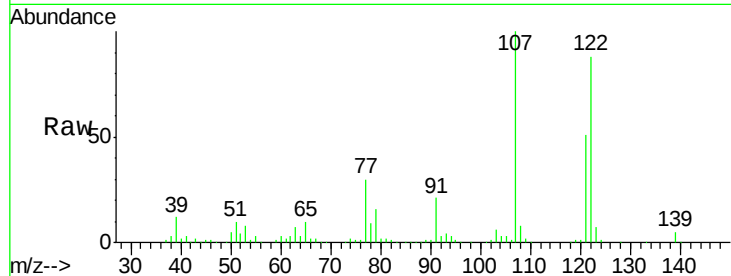




#27
 2,4-Dimethylphenol
 Concen: 42.347 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

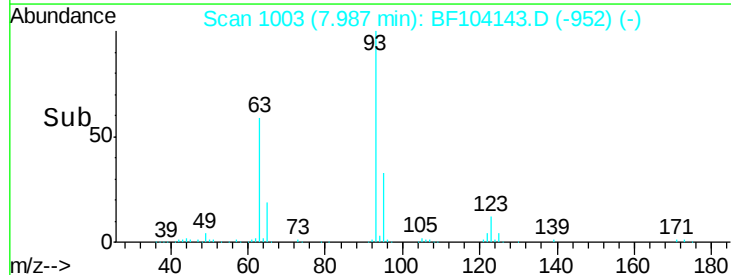
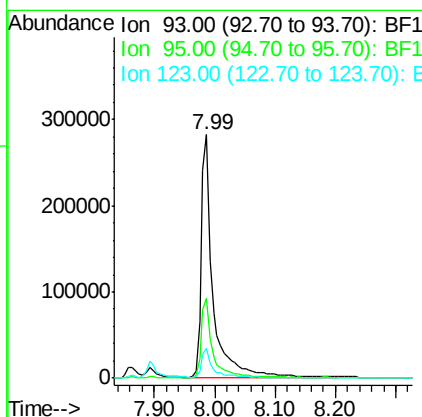
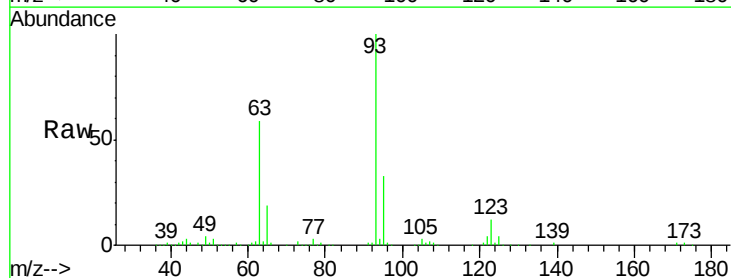
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

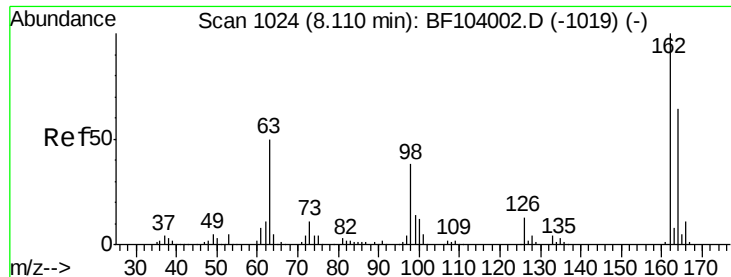
Tot Ion:122 Resp: 275245
 Ion Ratio Lower Upper
 122 100
 107 113.3 91.2 136.8
 121 58.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.436 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion: 93 Resp: 383261
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 12.1 9.8 14.6

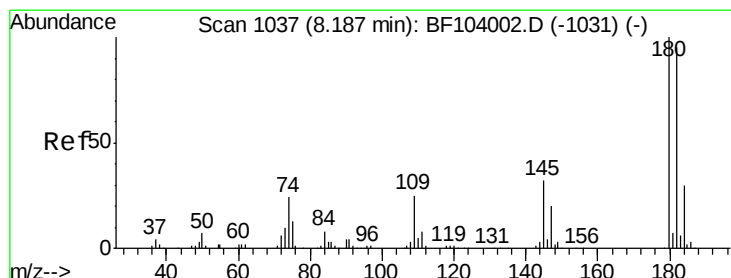
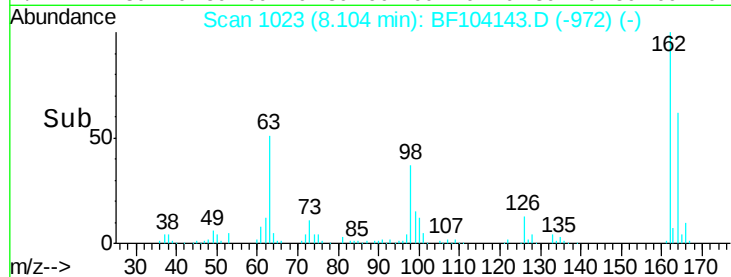
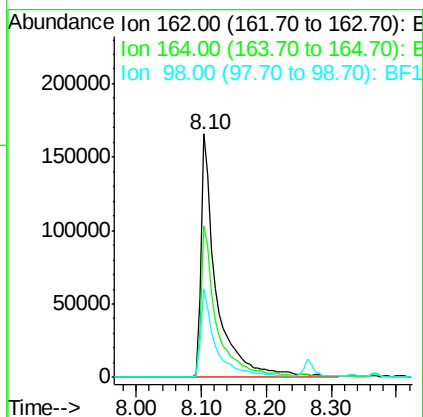
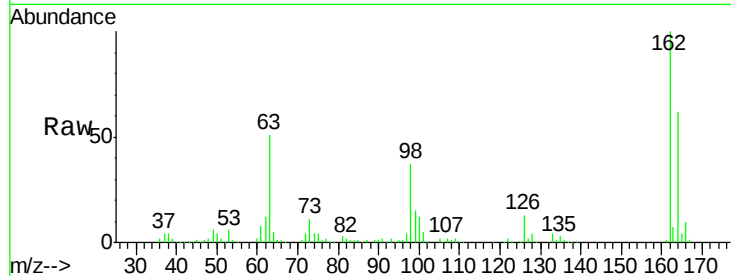




#29
2,4-Dichlorophenol
Concen: 40.290 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

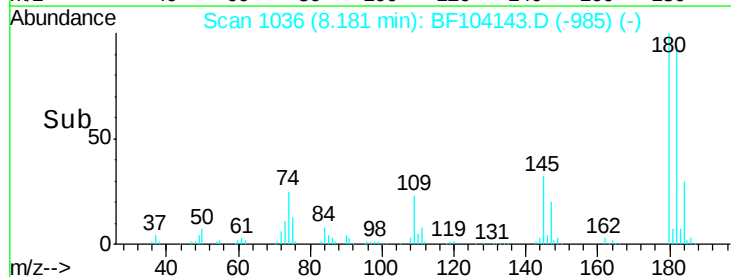
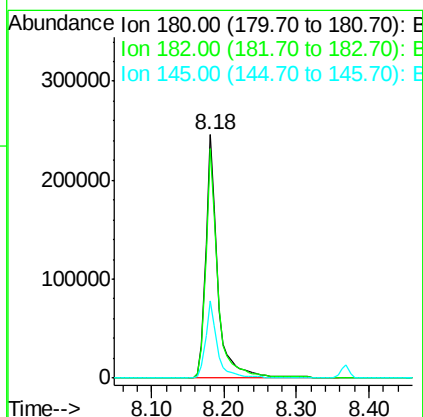
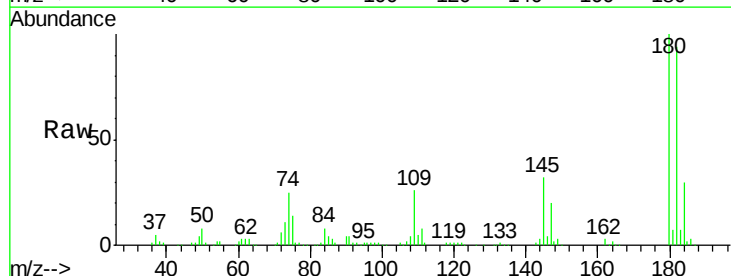
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

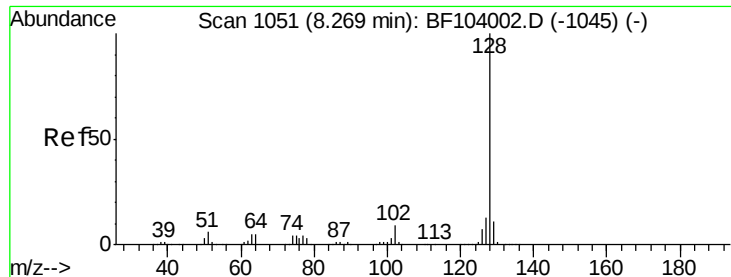
Tot Ion:162 Resp: 273530
Ion Ratio Lower Upper
162 100
164 62.3 42.7 82.7
98 36.6 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.125 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:180 Resp: 285975
Ion Ratio Lower Upper
180 100
182 94.1 76.8 115.2
145 31.9 26.5 39.7

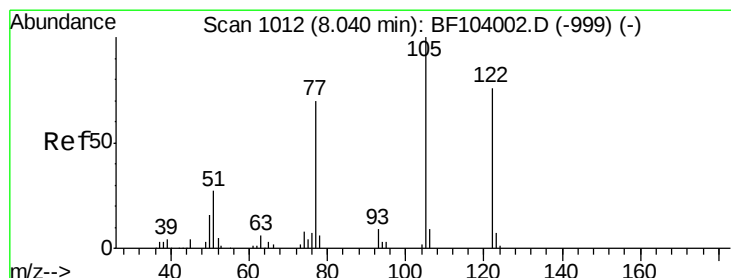
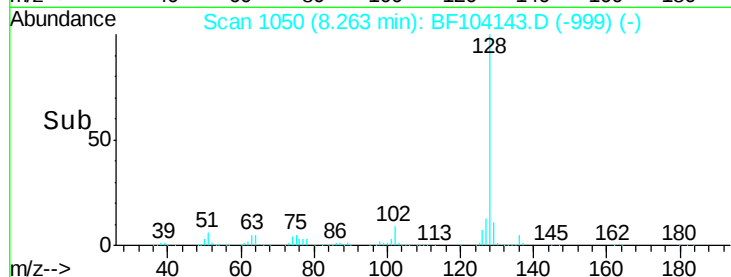
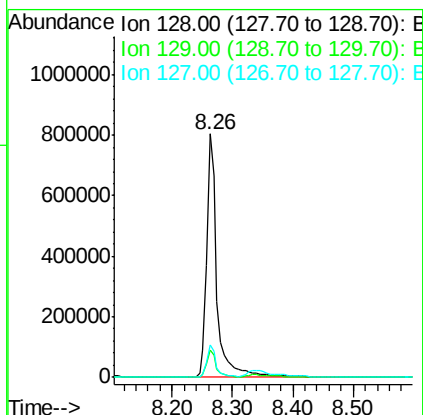
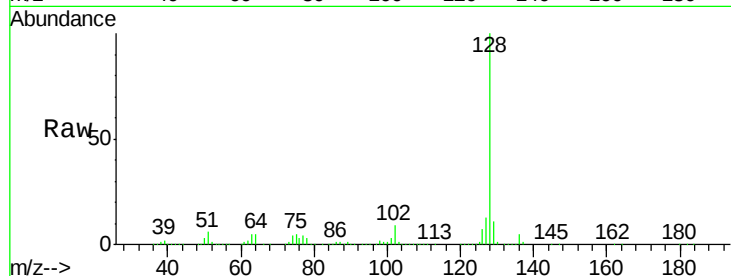




#31
Naphthalene
Concen: 39.267 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

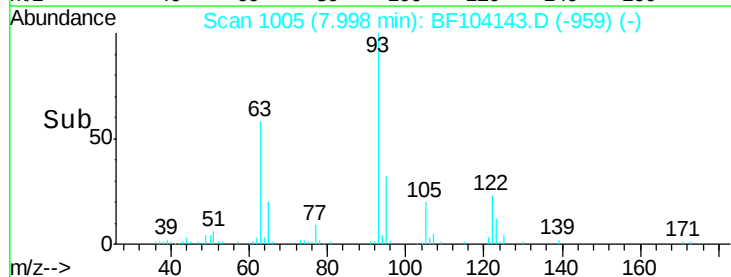
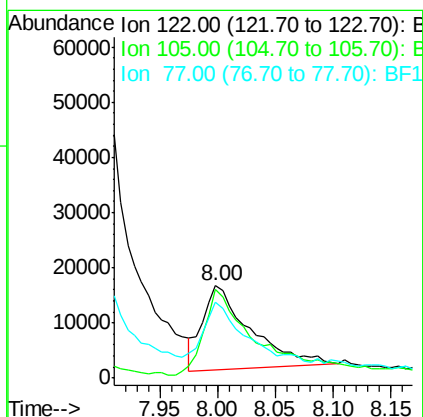
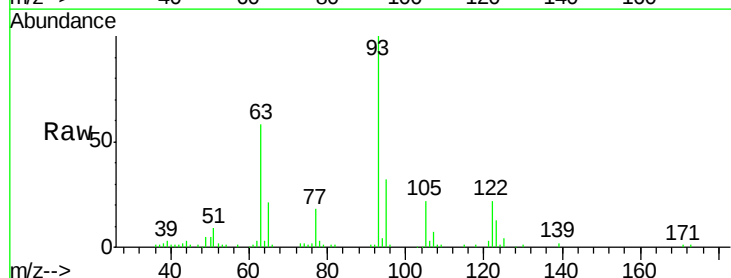
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

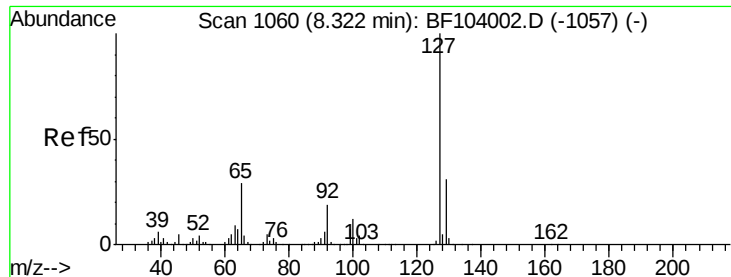
Tot Ion:128 Resp: 962692
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 9.152 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:122 Resp: 43576
Ion Ratio Lower Upper
122 100
105 96.6 101.1 141.1#
77 81.9 70.7 110.7

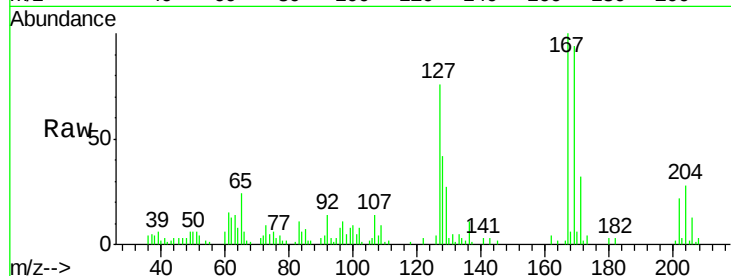




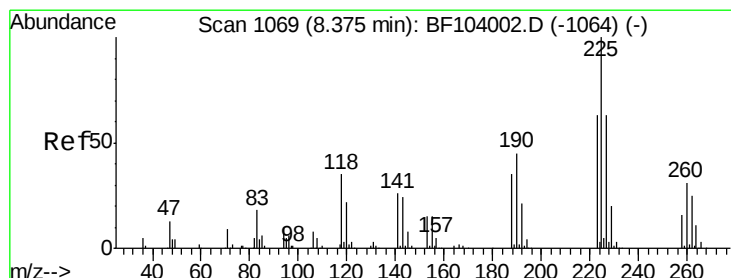
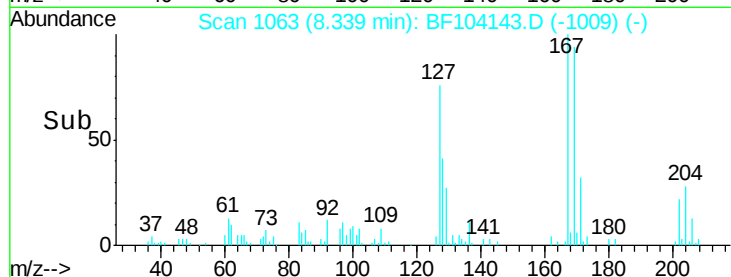
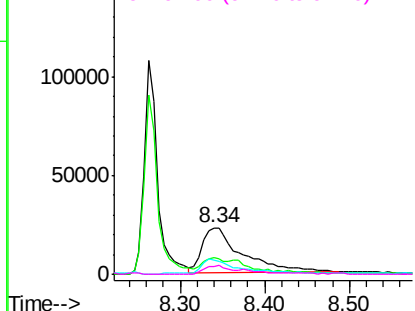
#33
 4-Chloroaniline
 Concen: 7.415 ng
 RT: 8.34 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

Tot Ion:	127	Resp:	76643
Ion	Ratio	Lower	Upper
127	100		
129	35.6	25.9	38.9
65	31.4	25.0	37.4
92	18.0	15.2	22.8

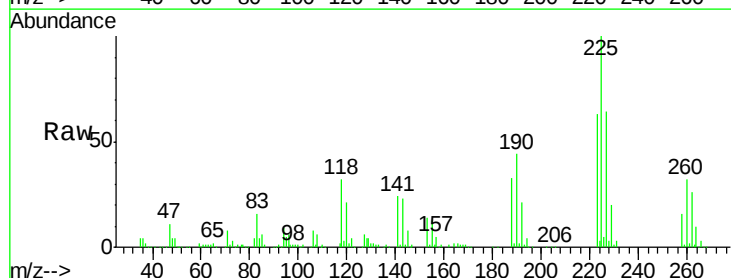


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

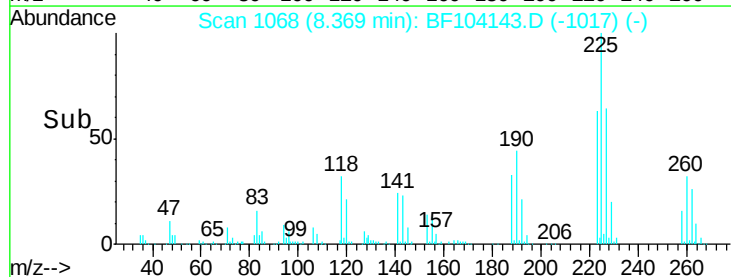
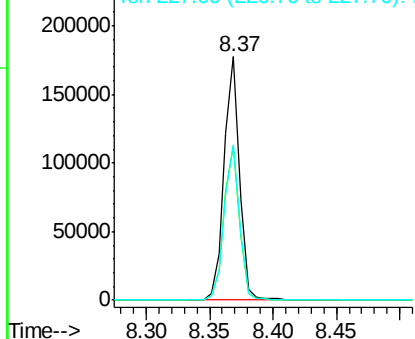


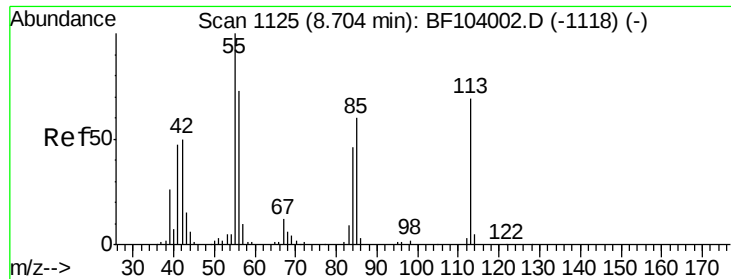
#34
 Hexachlorobutadiene
 Concen: 36.059 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:	225	Resp:	151150
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.674 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

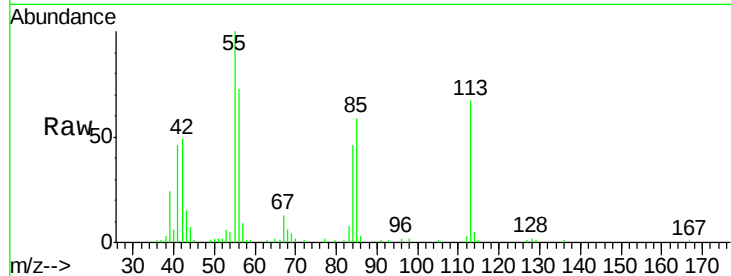
Tot Ion:113 Resp: 78947

Ion Ratio Lower Upper

113 100

55 149.7 163.3 203.3#

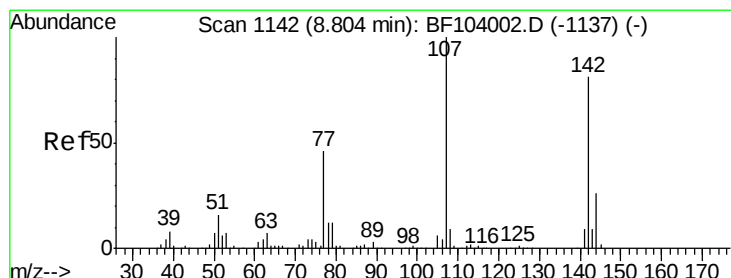
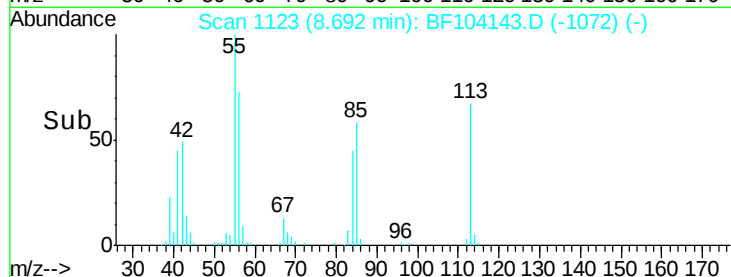
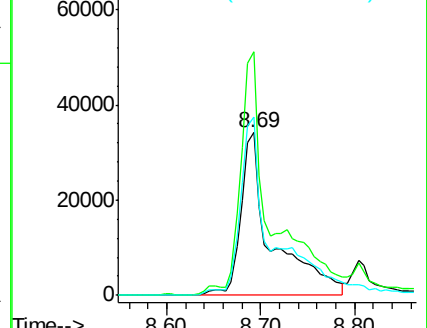
56 109.4 115.7 155.7#



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: 39.896 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

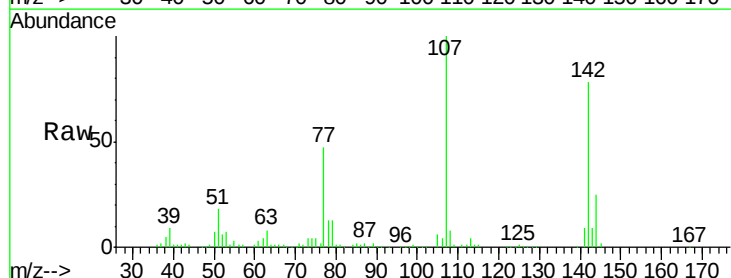
Tgt Ion:107 Resp: 286489

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

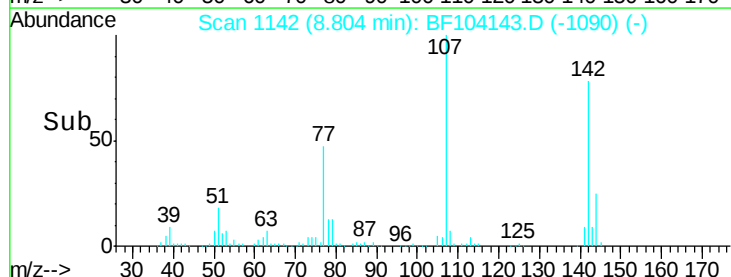
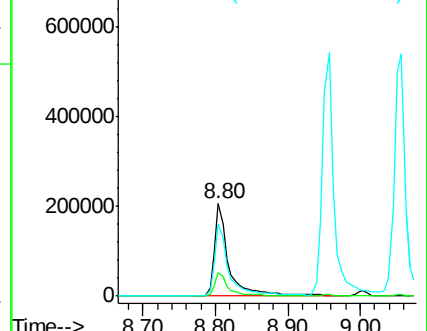
142 78.1 62.0 93.0

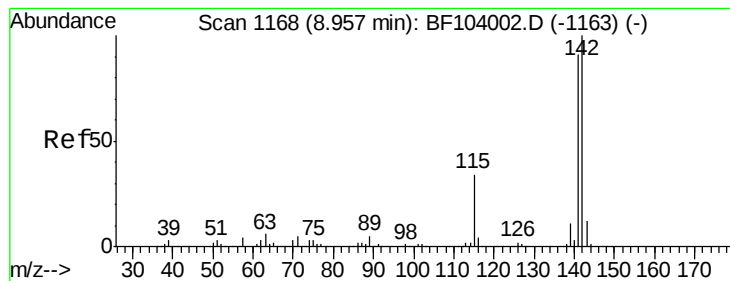


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.327 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

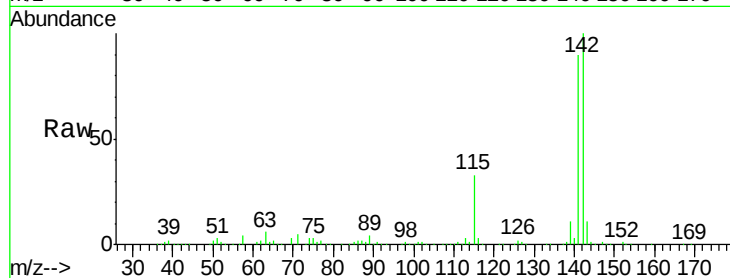
Tot Ion:142 Resp: 602794

Ion Ratio Lower Upper

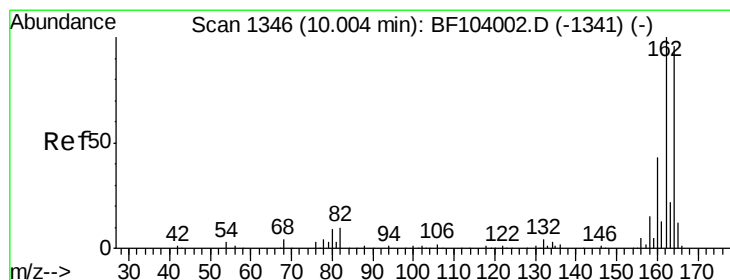
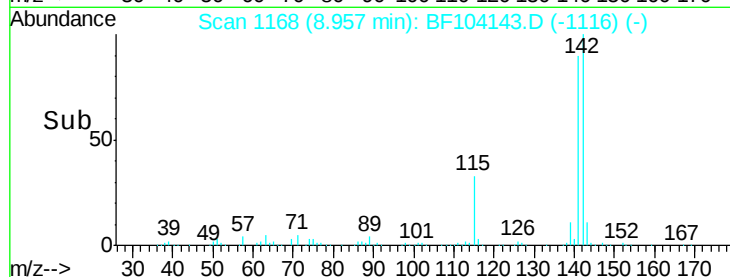
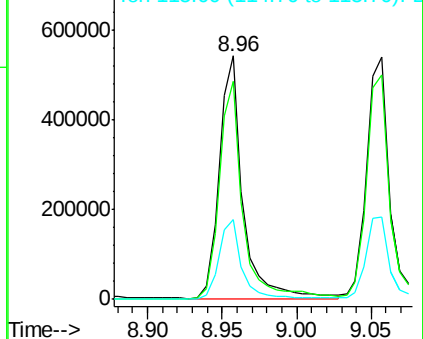
142 100

141 89.7 70.8 106.2

115 32.8 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

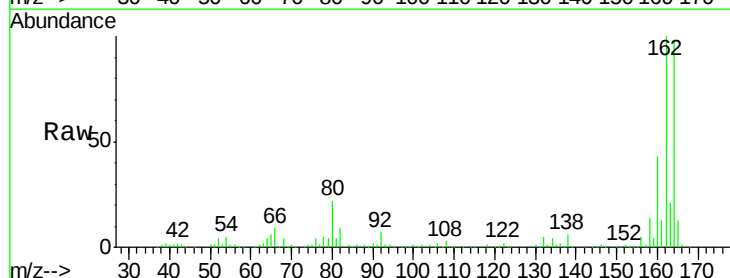
Tgt Ion:164 Resp: 233349

Ion Ratio Lower Upper

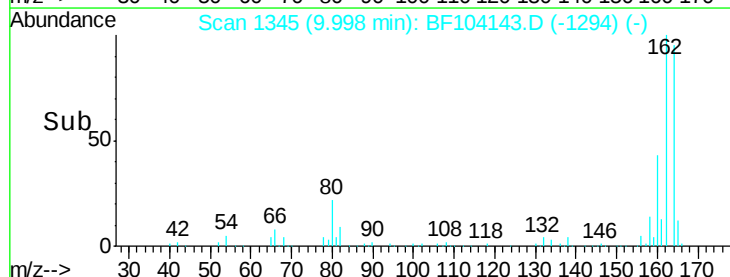
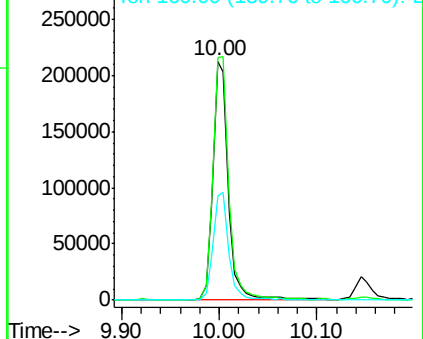
164 100

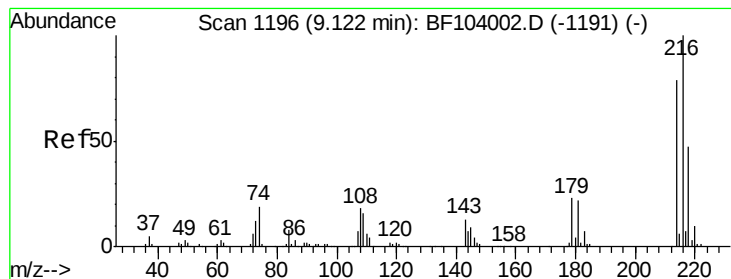
162 101.8 86.1 129.1

160 43.6 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

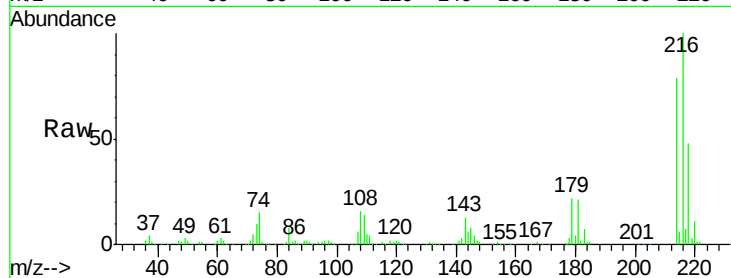




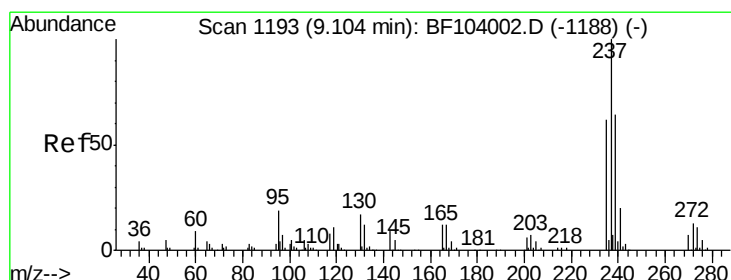
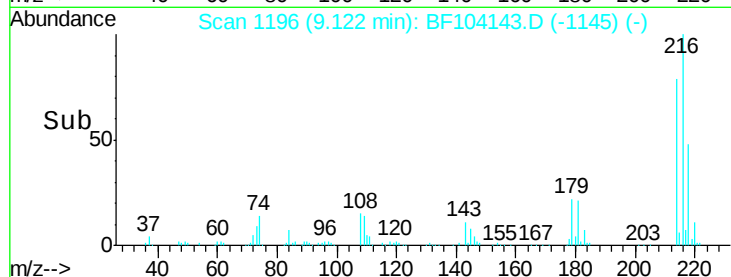
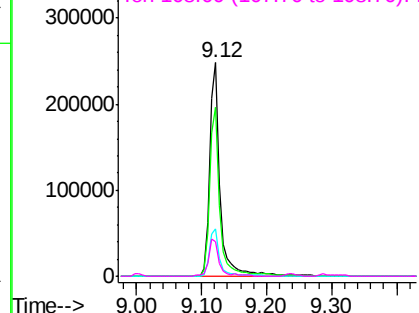
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.442 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

Tot Ion:	216	Resp:	275078
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.1	18.1	27.1
108	17.3	17.2	25.8

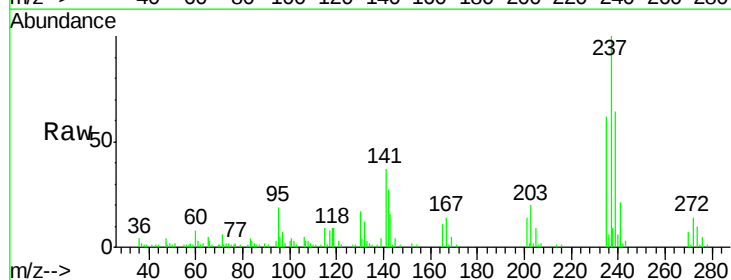


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

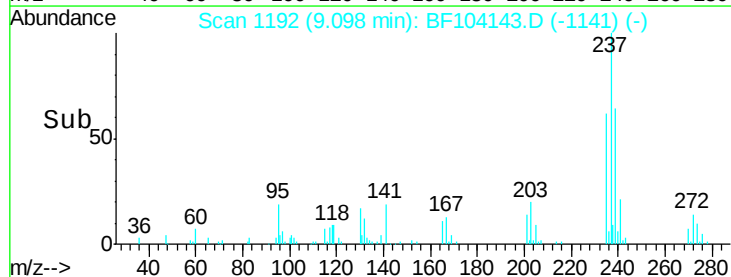
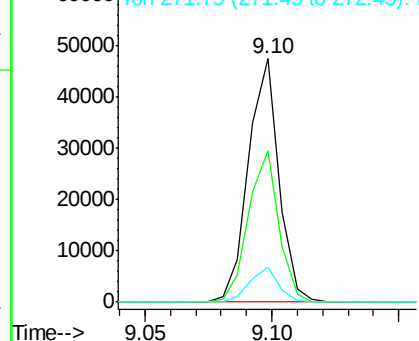


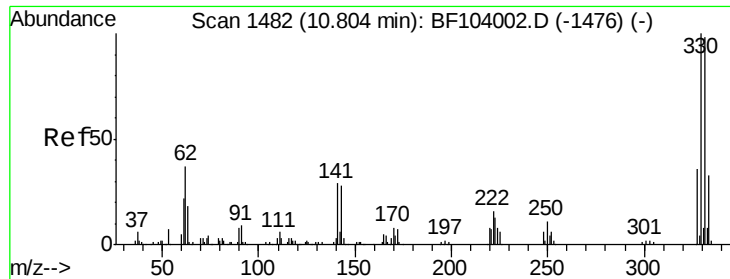
#40
 Hexachlorocyclopentadiene
 Concen: 16.407 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:	237	Resp:	39799
Ion	Ratio	Lower	Upper
237	100		
235	62.3	44.8	84.8
272	14.1	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

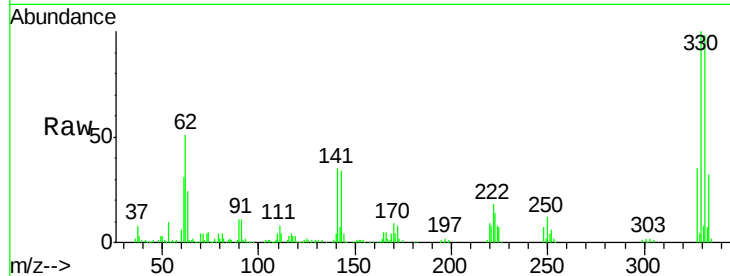




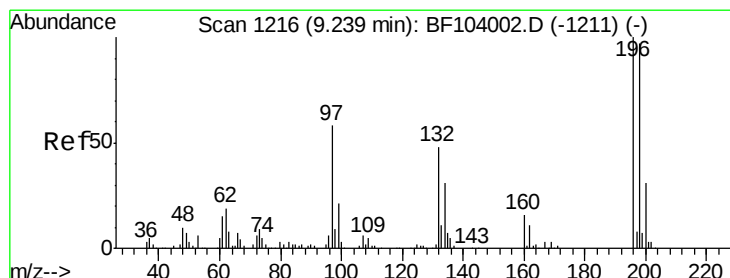
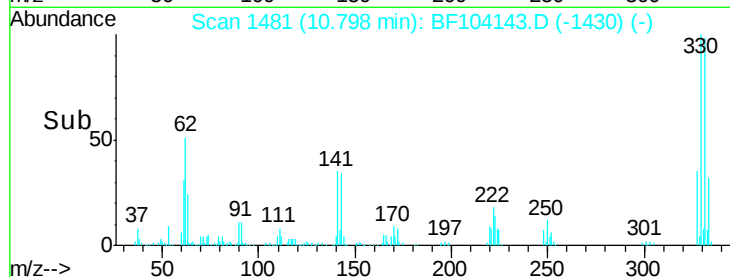
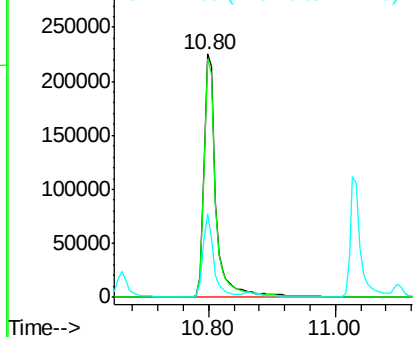
#41
 2,4,6-Tribromophenol
 Concen: 113.865 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

Tot Ion:330 Resp: 295860
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 30.1 29.9 44.9

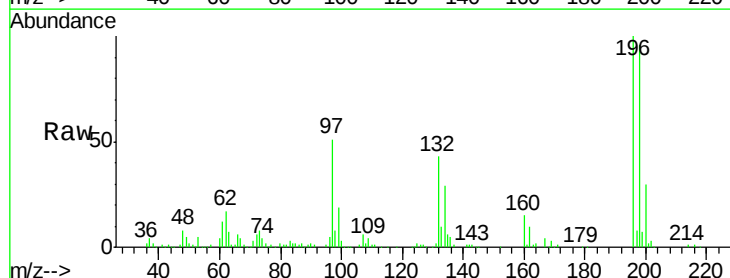


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

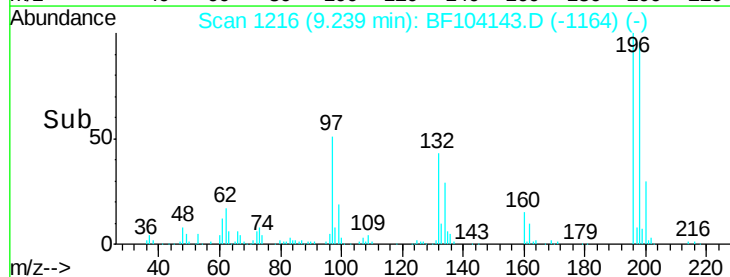
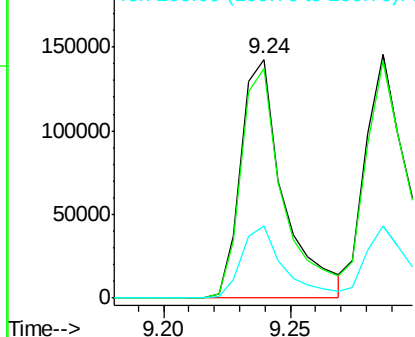


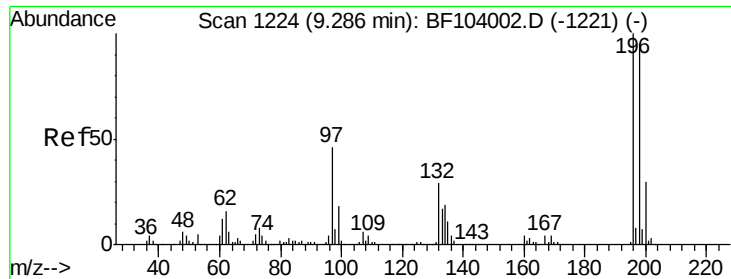
#42
 2,4,6-Trichlorophenol
 Concen: 37.079 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:196 Resp: 168009
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.1 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

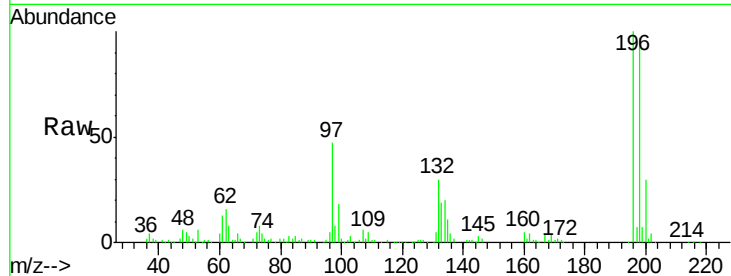




#43
 2,4,5-Trichlorophenol
 Concen: 35.705 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	47.5	42.9	64.3
132	30.5	26.3	39.5



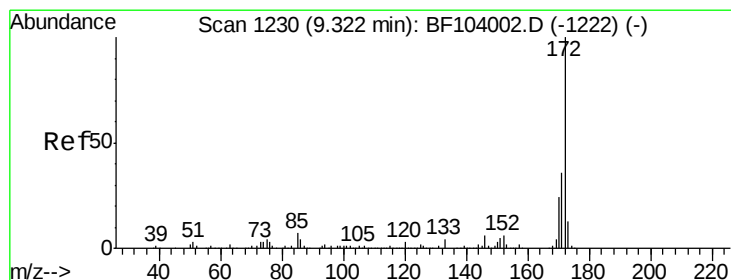
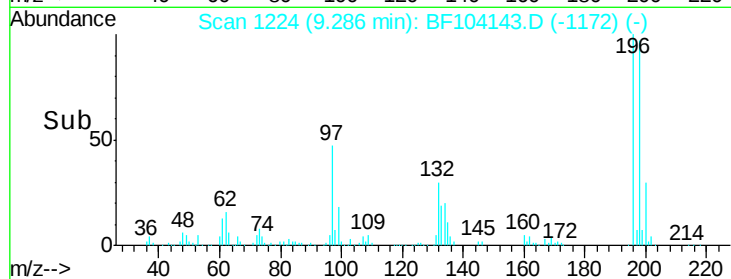
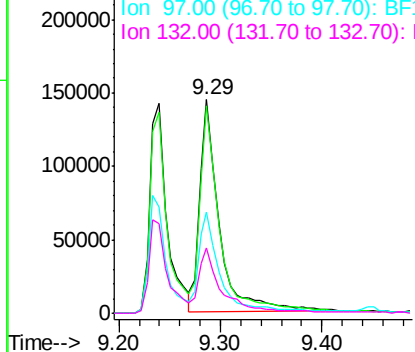
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

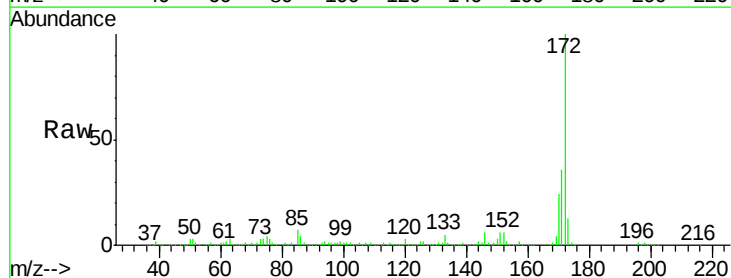
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.968 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4

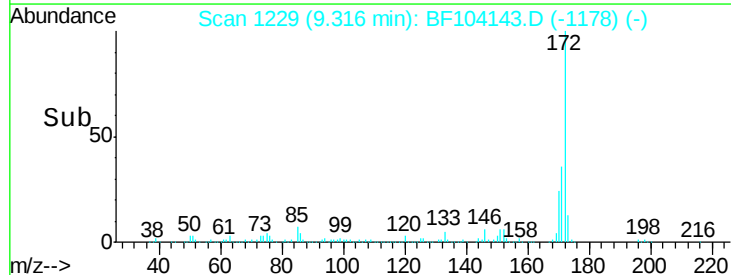
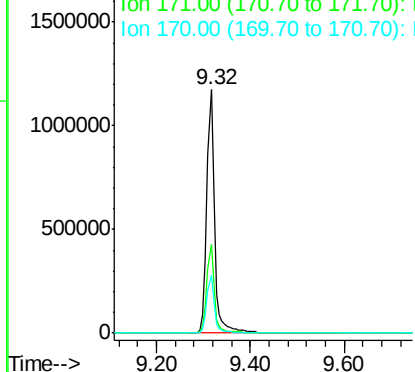


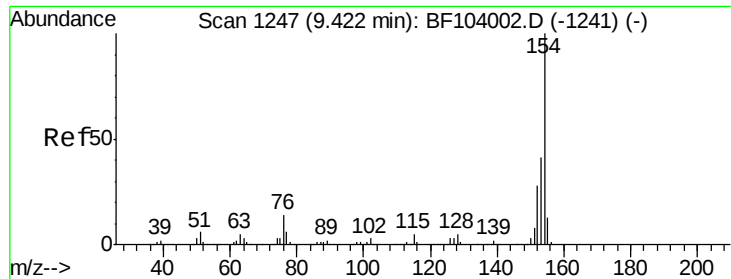
Abundance

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: 37.302 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

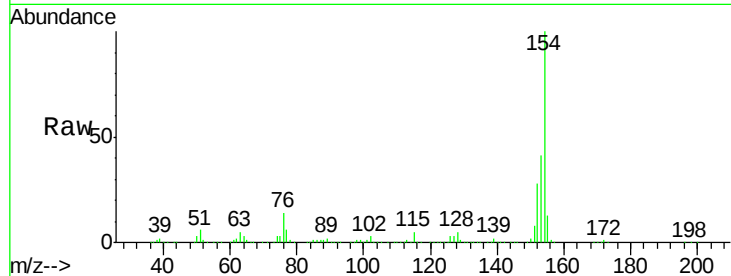
Tot Ion:154 Resp: 747076

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

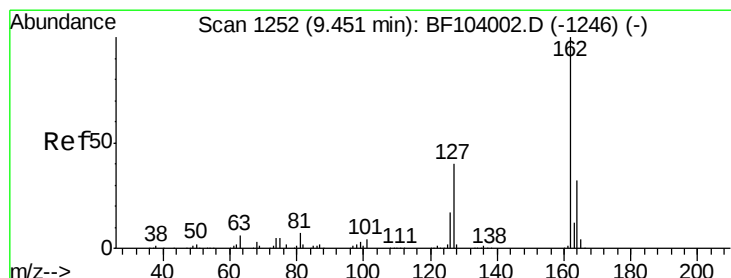
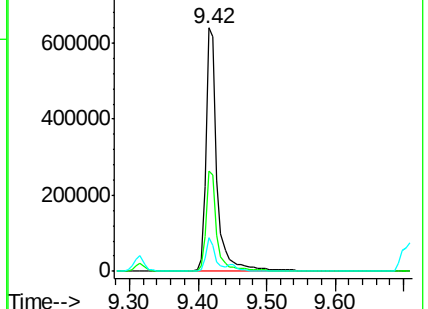
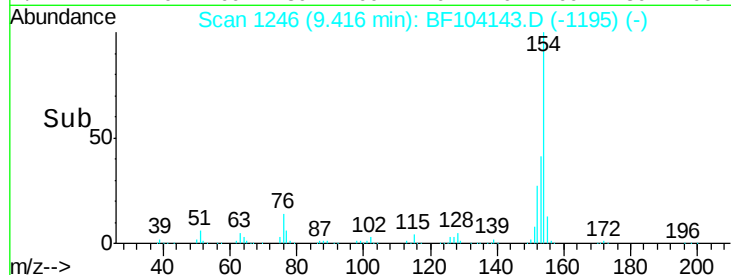
76 13.6 0.0 34.0



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: 36.698 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

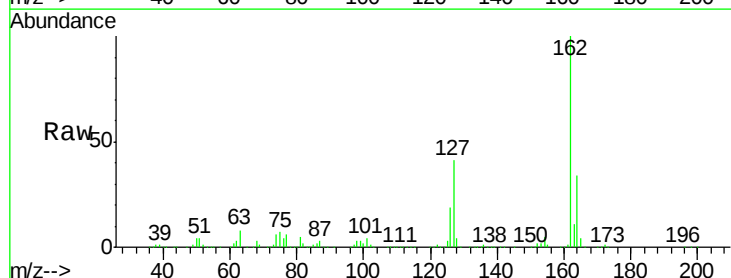
Tgt Ion:162 Resp: 579762

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

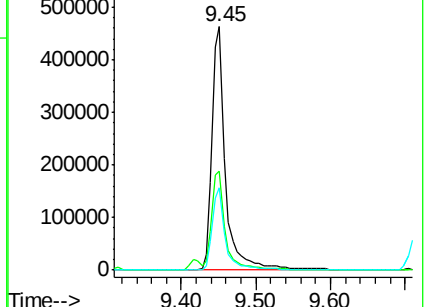
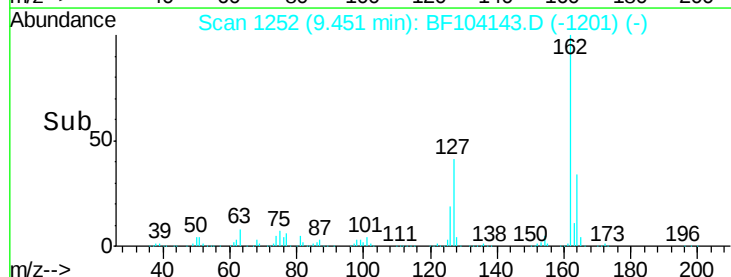
164 33.6 26.5 39.7

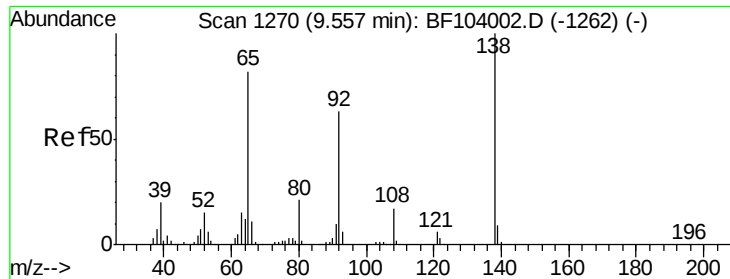


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

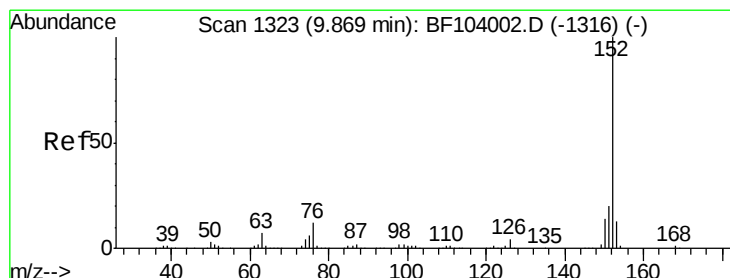
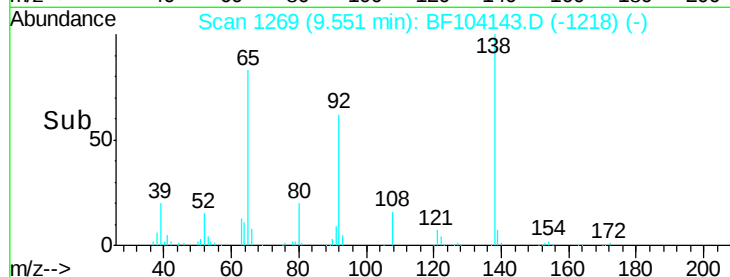
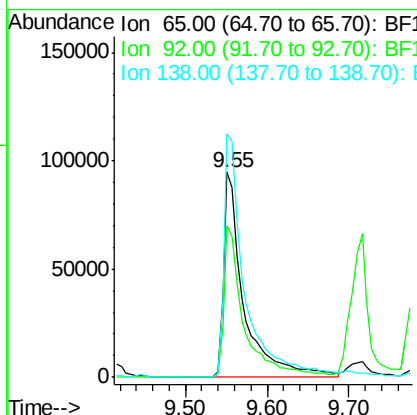
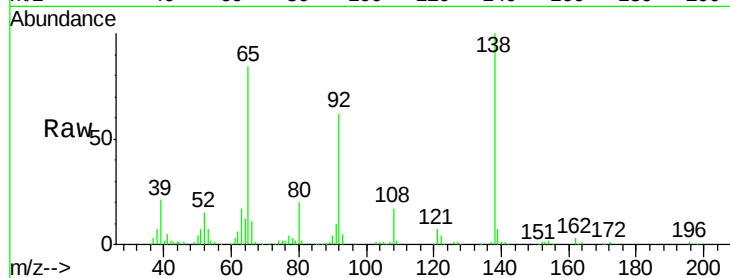




#47
 2-Nitroaniline
 Concen: 36.564 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

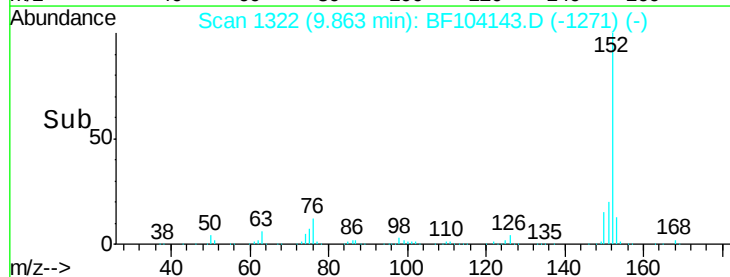
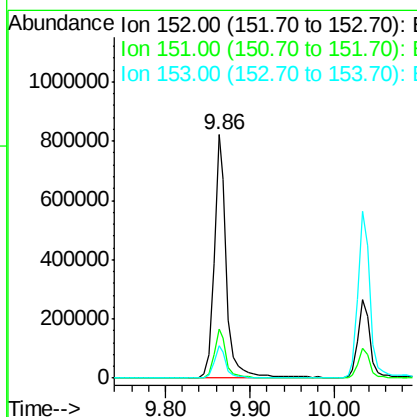
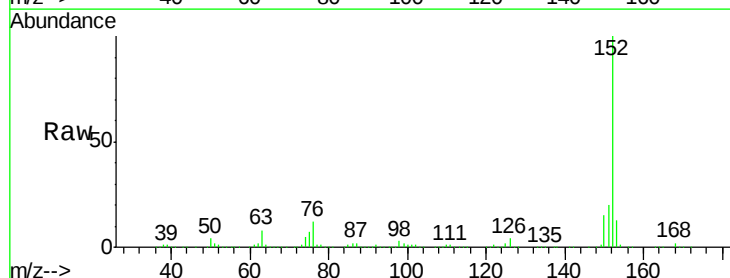
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

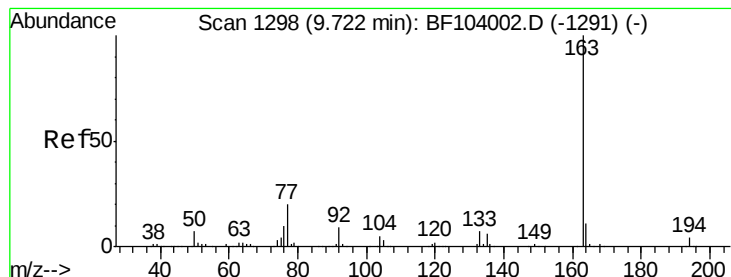
Tot Ion: 65 Resp: 164712
 Ion Ratio Lower Upper
 65 100
 92 74.1 55.8 83.6
 138 118.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.698 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion: 152 Resp: 854378
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 42.546 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

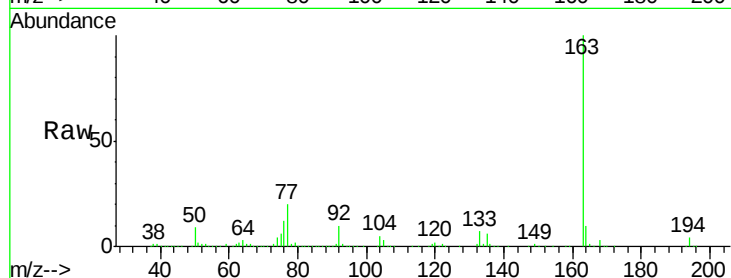
Tot Ion:163 Resp: 783859

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

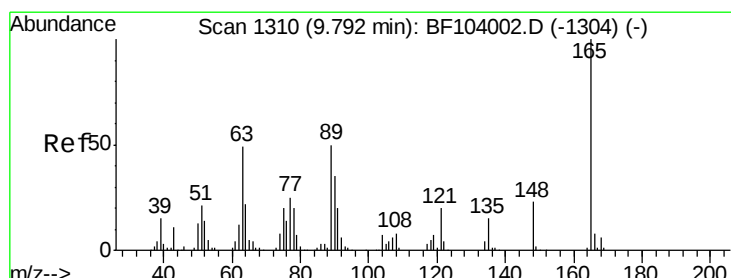
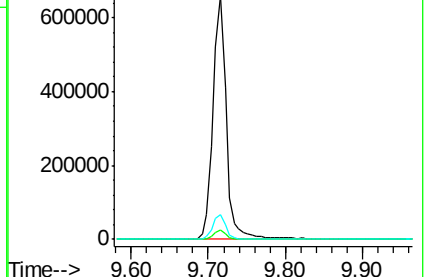
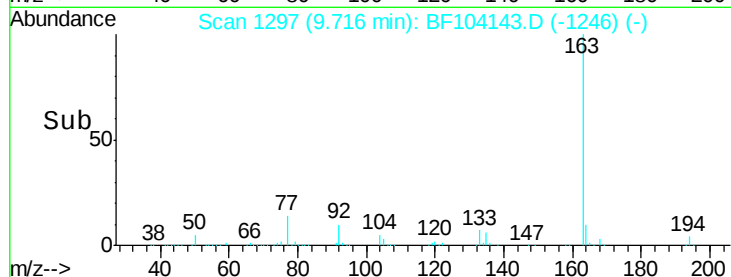
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.327 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

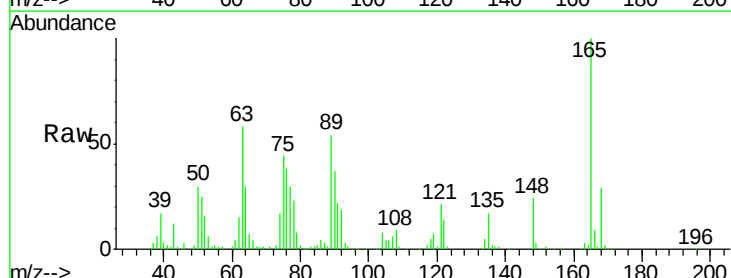
Tgt Ion:165 Resp: 143987

Ion Ratio Lower Upper

165 100

63 58.0 44.7 67.1

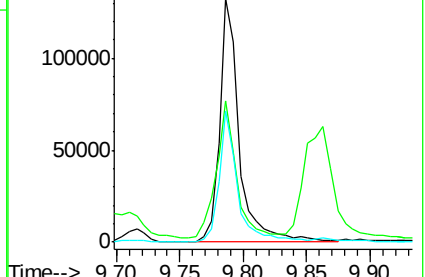
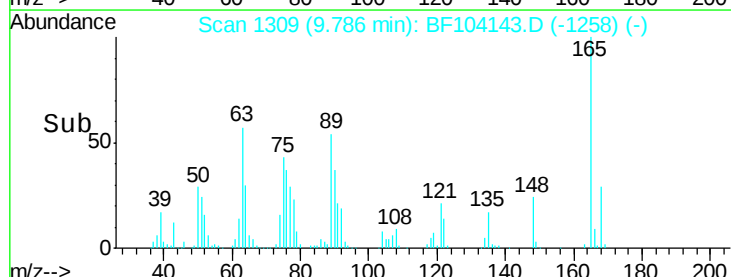
89 53.8 44.0 66.0

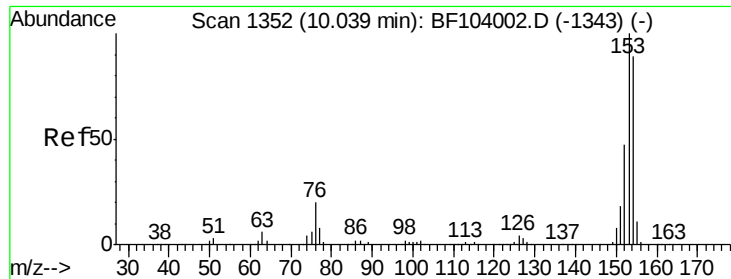


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 34.611 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

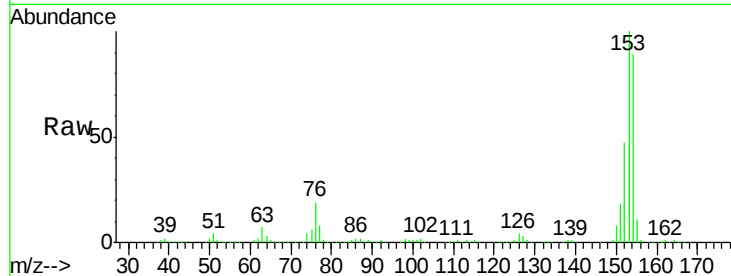
Tot Ion:154 Resp: 479202

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

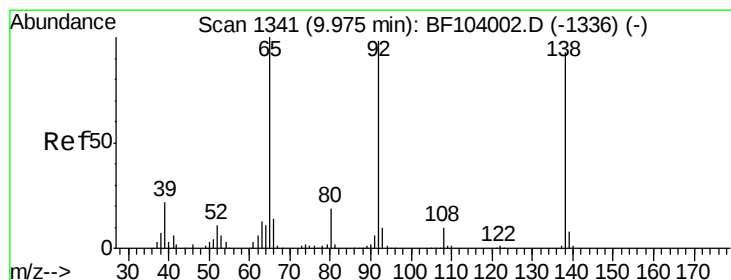
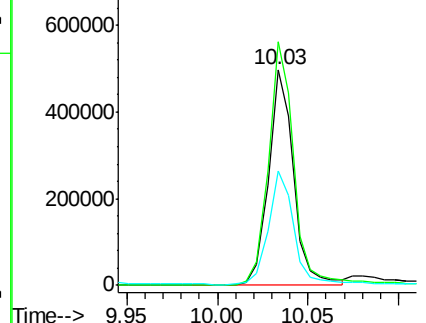
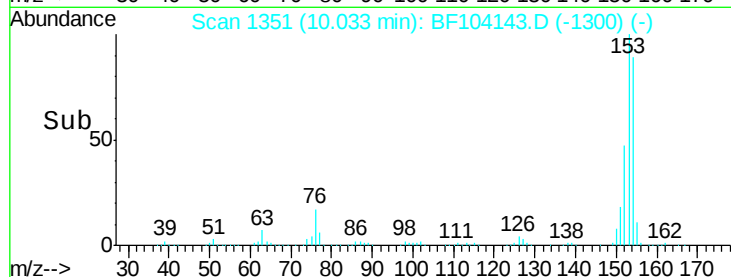
152 53.2 43.8 65.8



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: 15.205 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

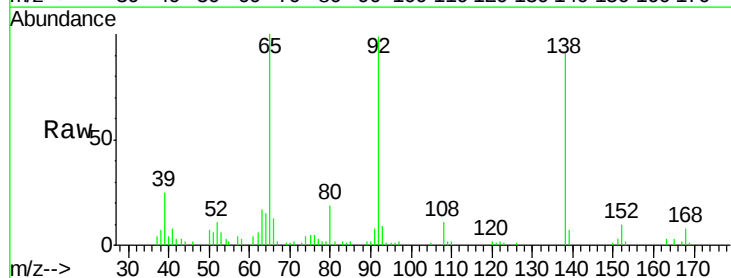
Tgt Ion:138 Resp: 69282

Ion Ratio Lower Upper

138 100

108 11.8 9.4 14.0

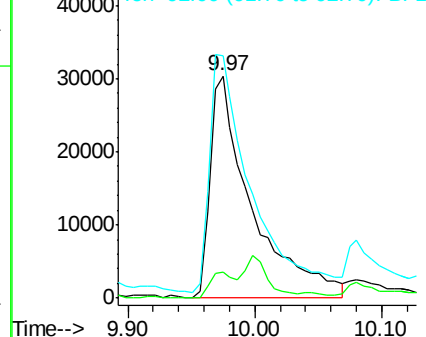
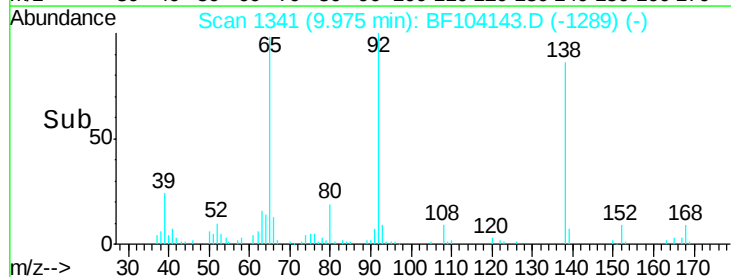
92 109.1 89.4 134.2

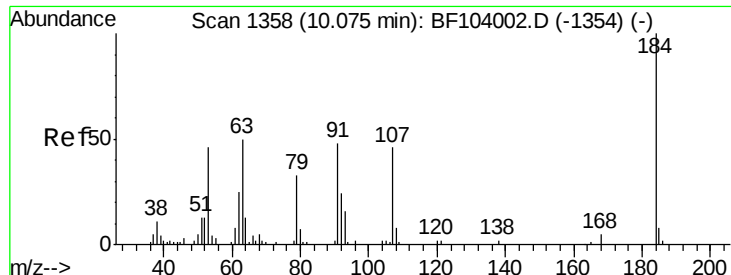


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

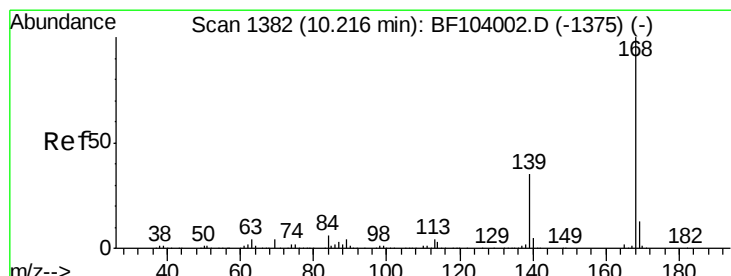
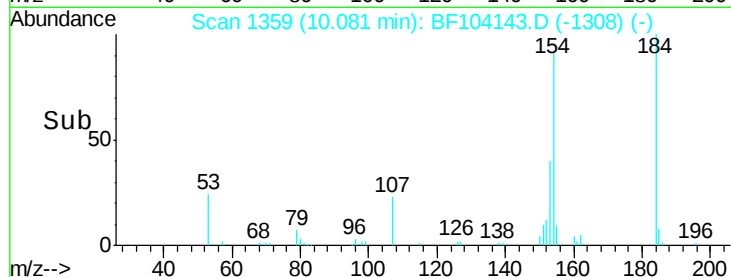
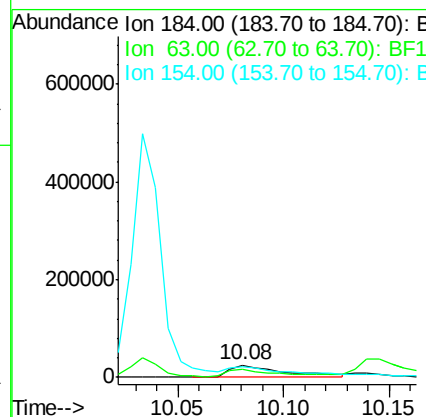
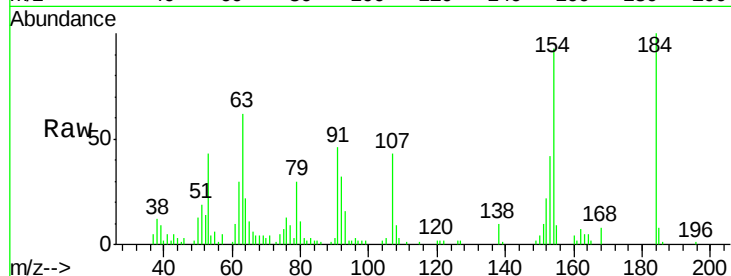




#53
2,4-Dinitrophenol
Concen: 30.771 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

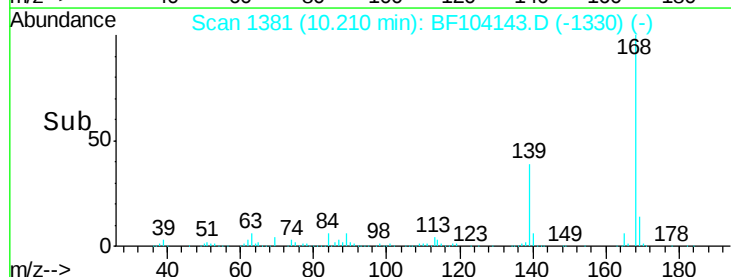
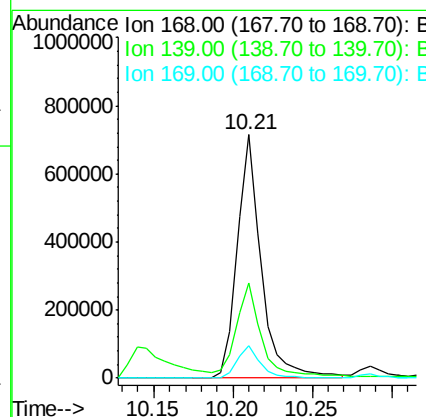
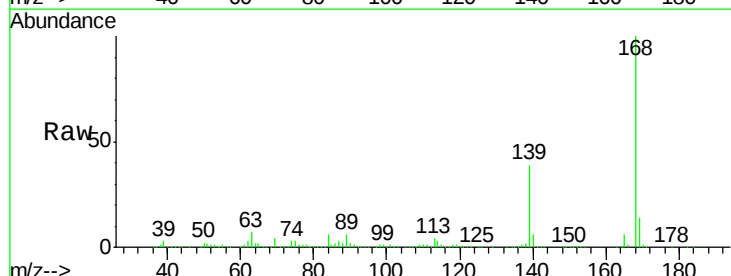
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

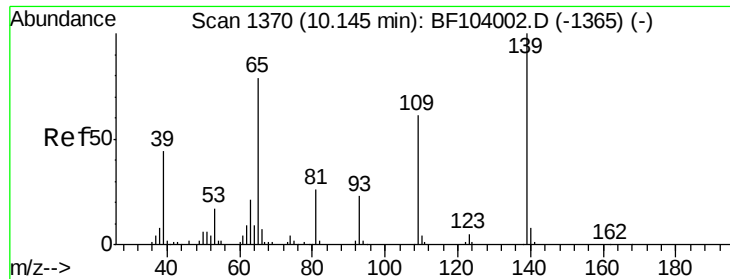
Tot Ion:184 Resp: 46869
Ion Ratio Lower Upper
184 100
63 62.5 54.2 81.2
154 93.2 184.0 276.0#



#54
Dibenzofuran
Concen: 37.259 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:168 Resp: 753322
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.5 10.9 16.3

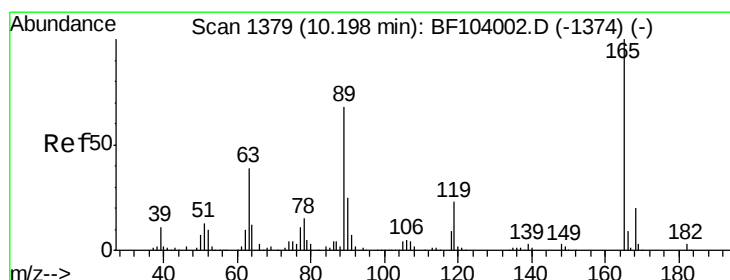
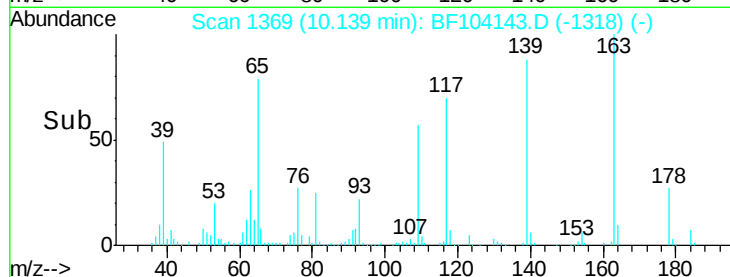
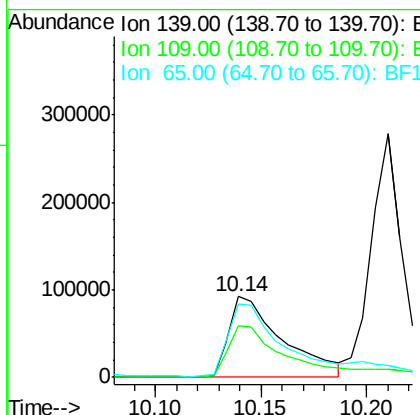
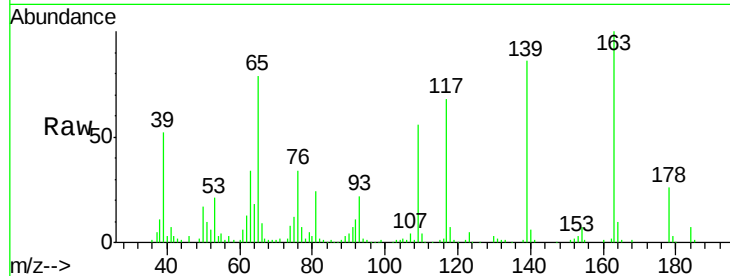




#55
4-Nitrophenol
Concen: 59.606 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

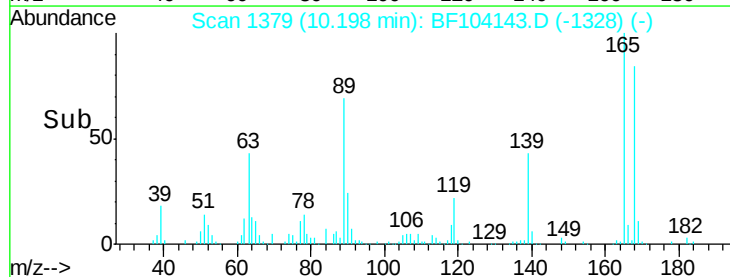
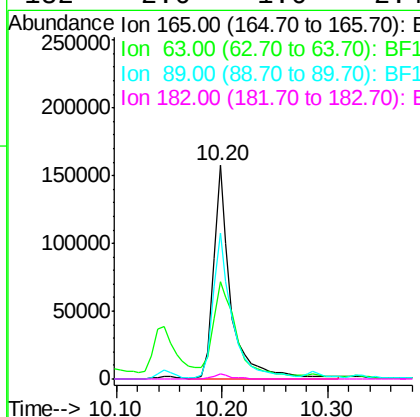
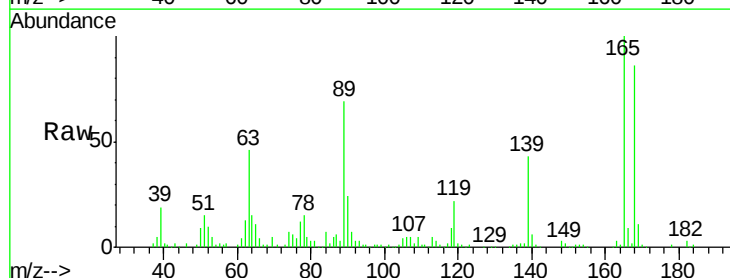
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

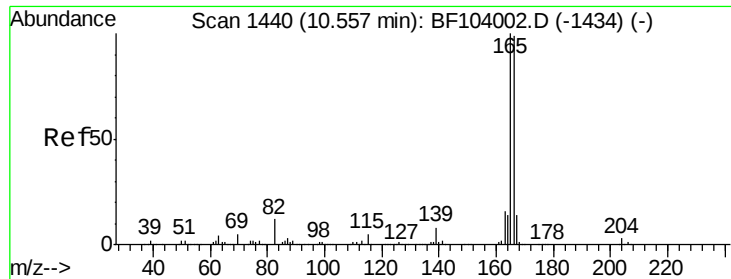
Tot Ion:139 Resp: 162845
Ion Ratio Lower Upper
139 100
109 64.8 48.4 88.4
65 91.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.692 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:165 Resp: 180521
Ion Ratio Lower Upper
165 100
63 45.8 36.4 54.6
89 68.6 57.8 86.6
182 2.6 1.6 2.4#

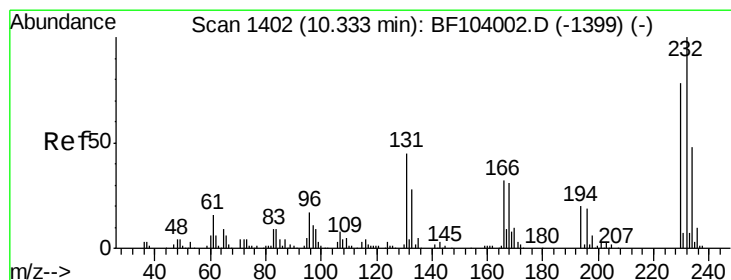
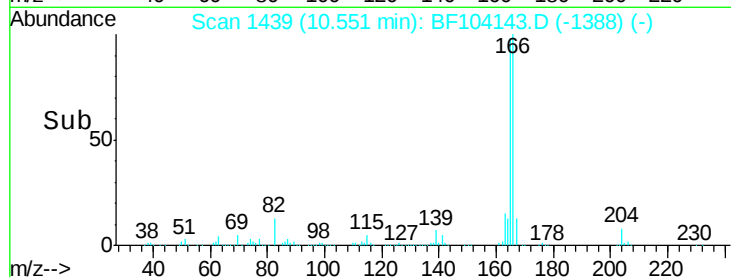
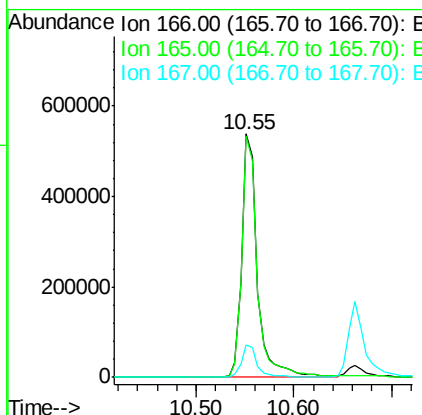
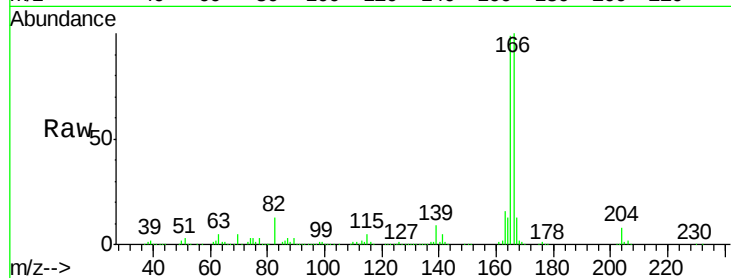




#57
Fluorene
 Concen: 35.842 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

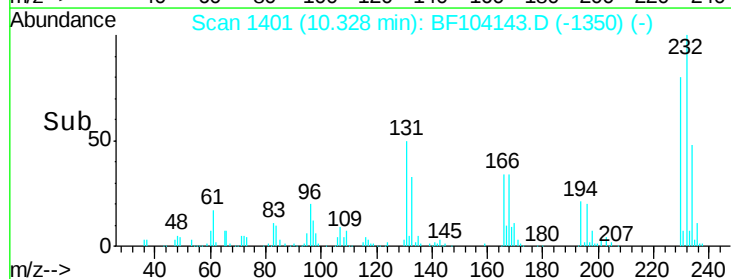
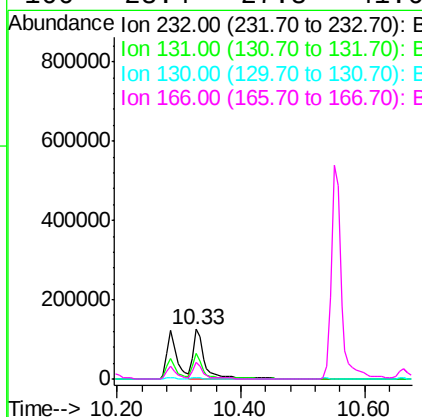
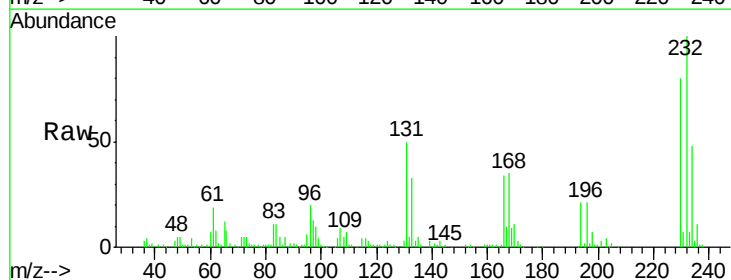
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

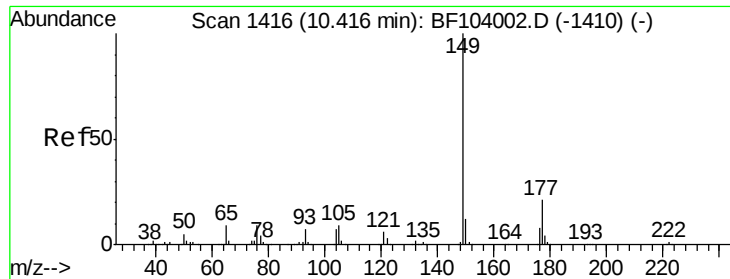
Tot Ion:166 Resp: 597765
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.409 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:232 Resp: 161535
 Ion Ratio Lower Upper
 232 100
 131 41.7 43.8 65.8#
 130 2.5 2.1 3.1
 166 28.4 27.8 41.6

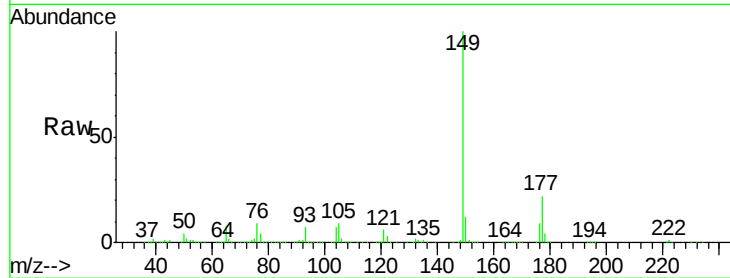




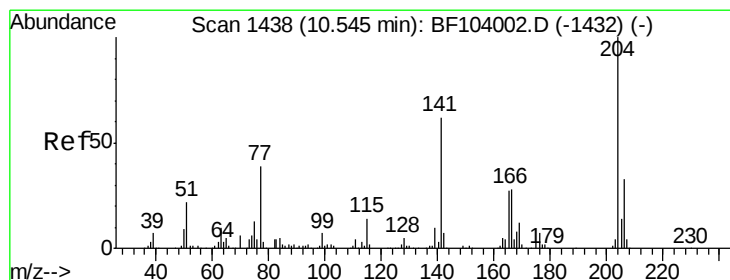
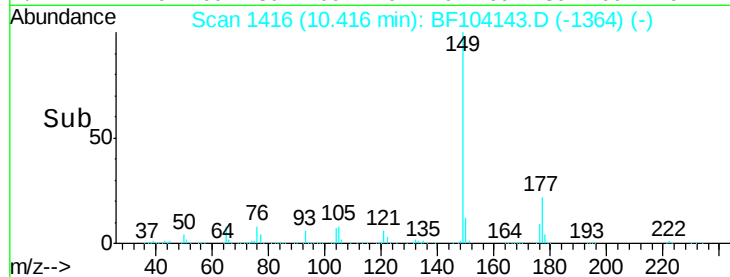
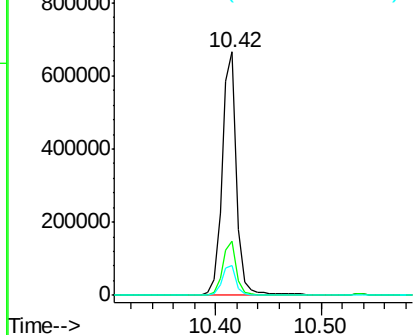
#59
Diethylphthalate
Concen: 36.270 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

Tot Ion:149 Resp: 640162
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.3 10.1 15.1

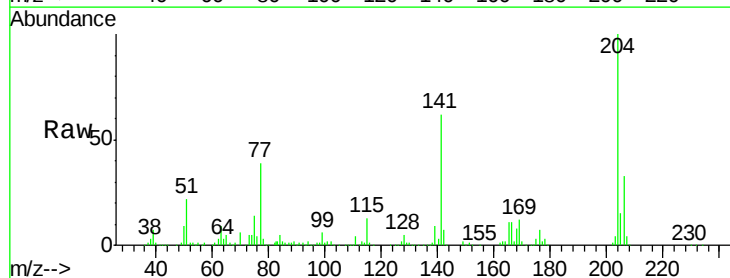


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

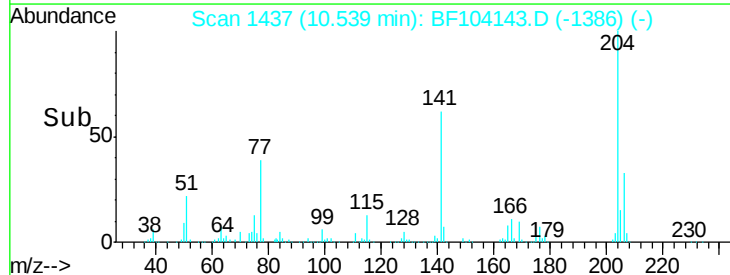
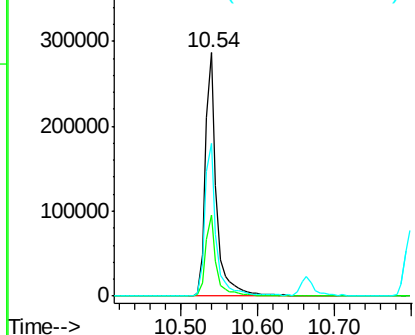


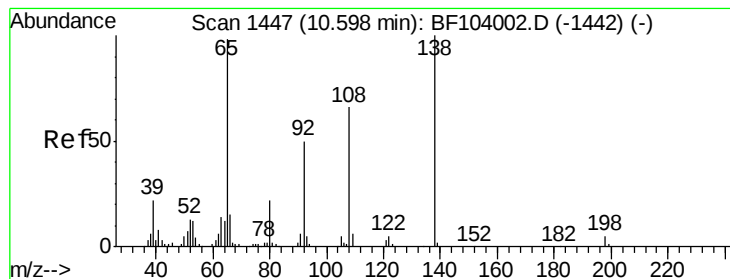
#60
4-Chlorophenyl-phenylether
Concen: 37.776 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:204 Resp: 289364
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.5 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: 27.886 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

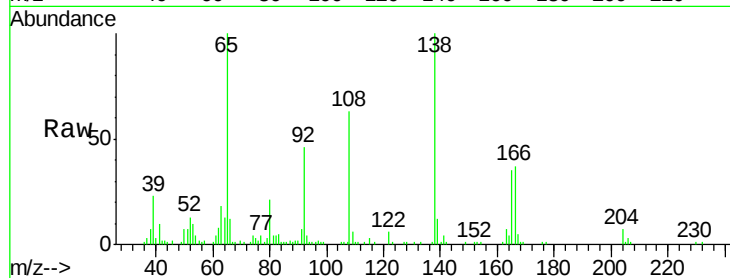
Tot Ion:138 Resp: 118889

Ion Ratio Lower Upper

138 100

92 46.1 30.2 70.2

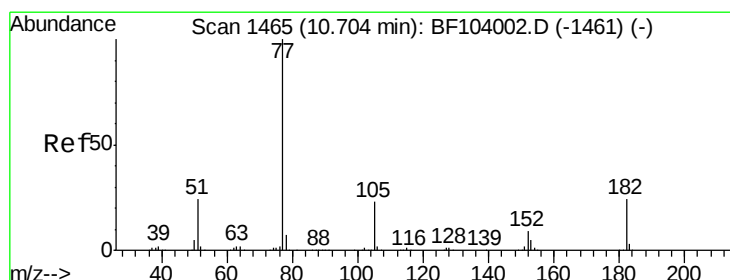
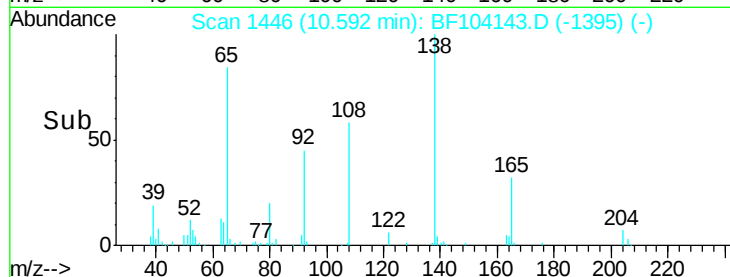
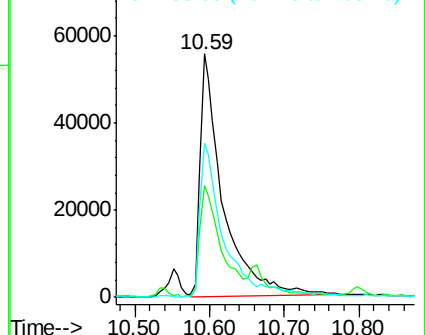
108 63.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.131 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Tgt Ion: 77 Resp: 576636

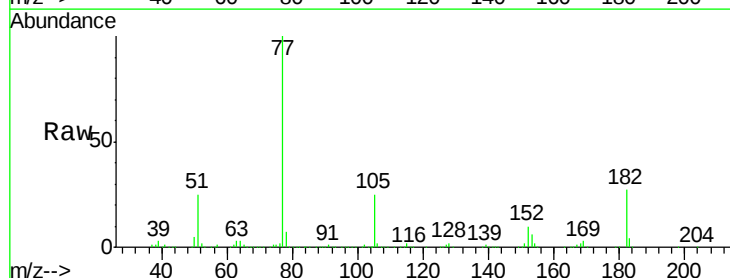
Ion Ratio Lower Upper

77 100

182 27.2 1.7 41.7

105 25.0 3.0 43.0

51 24.7 9.9 49.9

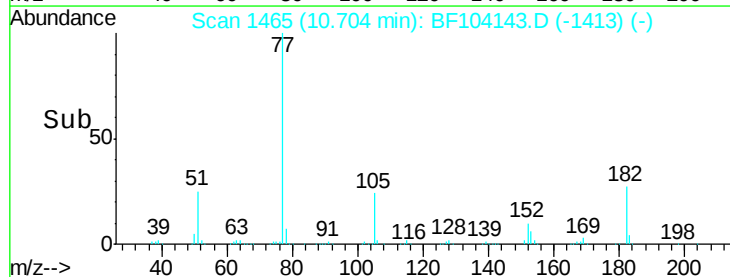
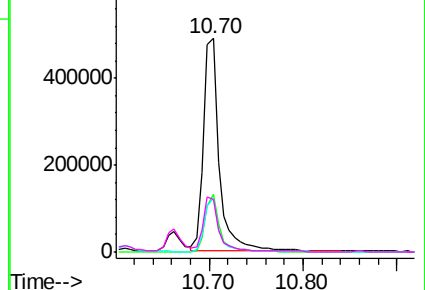


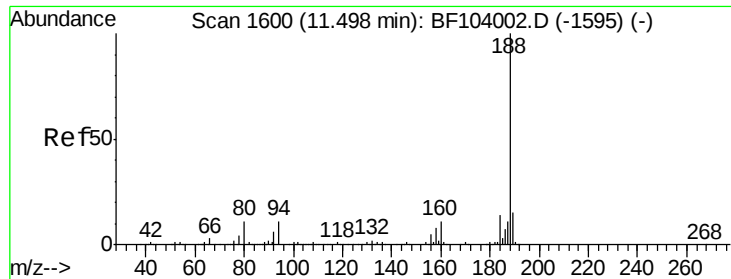
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

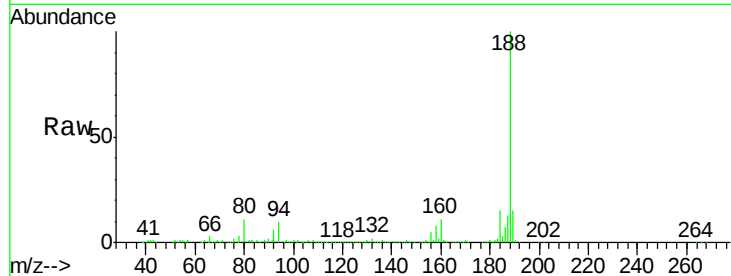




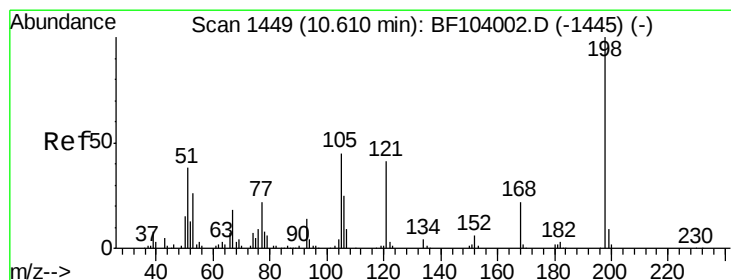
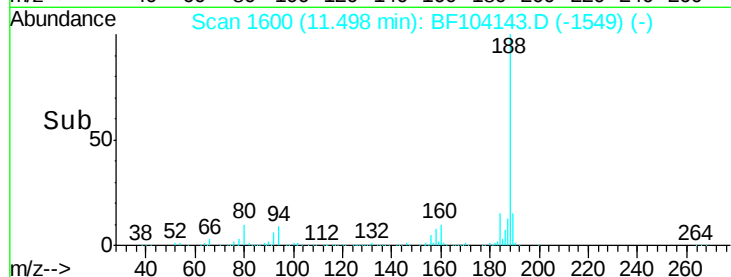
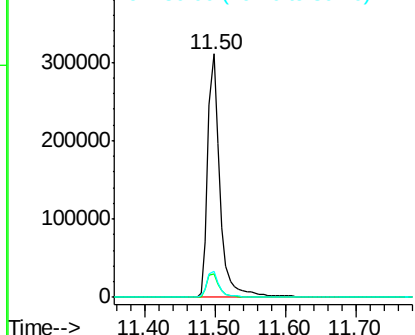
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

Tot Ion:188 Resp: 375086
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8

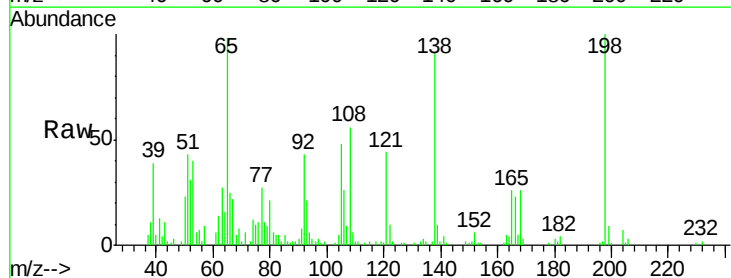


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

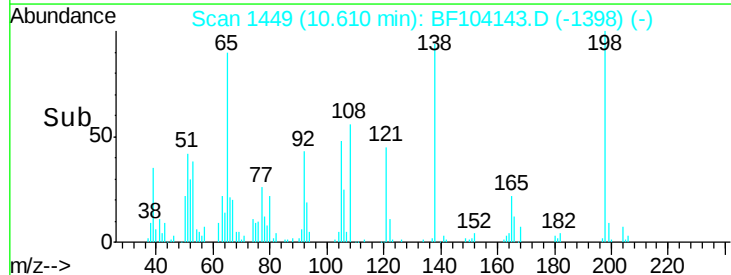
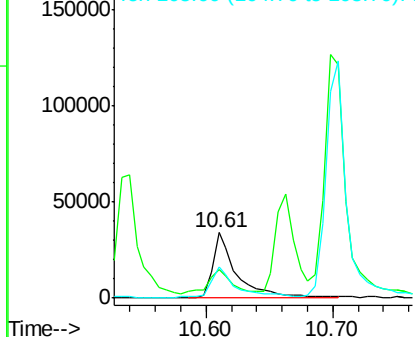


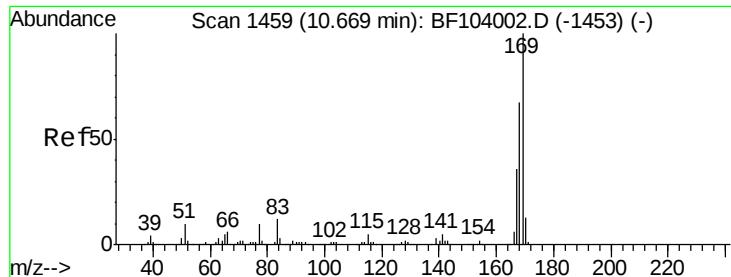
#64
4,6-Dinitro-2-methylphenol
Concen: 20.169 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:198 Resp: 45794
Ion Ratio Lower Upper
198 100
51 42.9 37.7 77.7
105 47.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

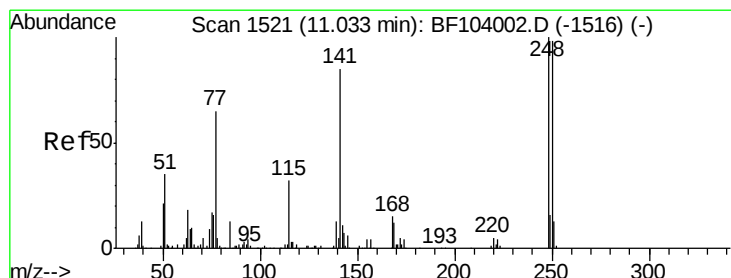
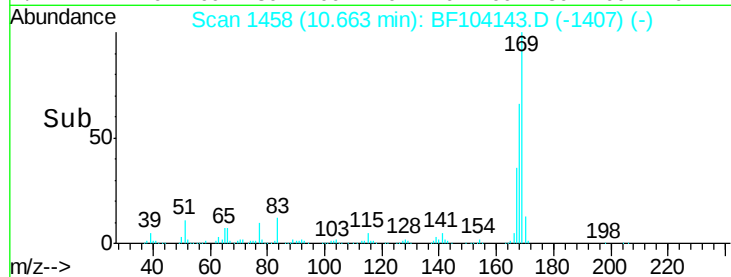
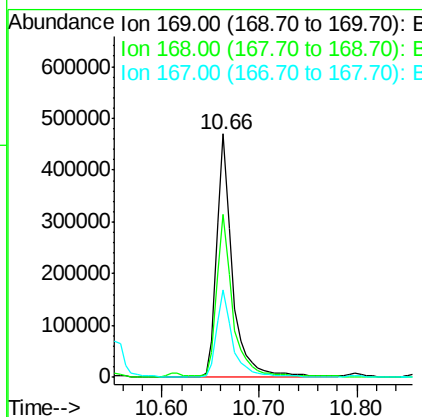
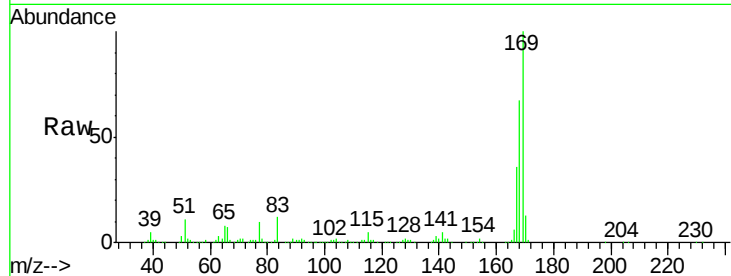




#65
 n-Nitrosodiphenylamine
 Concen: 41.584 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

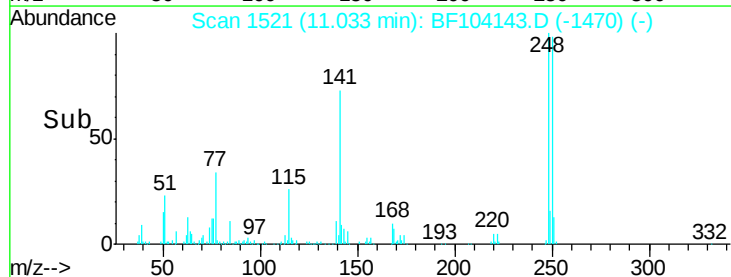
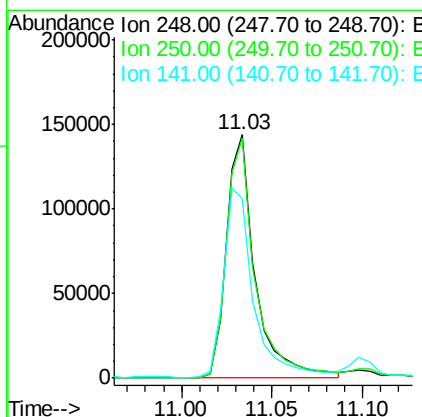
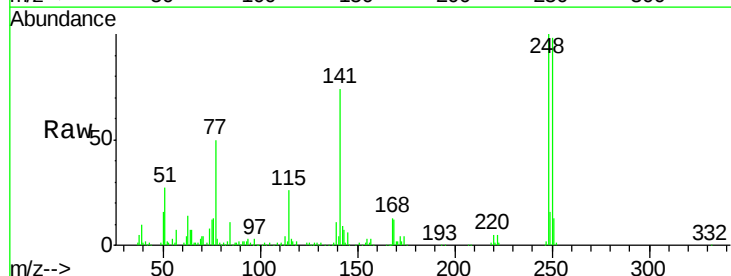
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

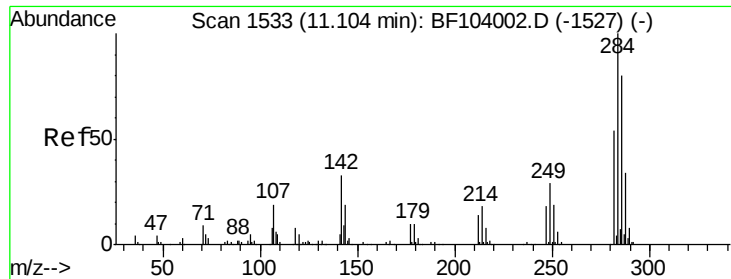
Tot Ion:169 Resp: 528233
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 35.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.942 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:248 Resp: 160281
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 73.9 74.4 111.6#

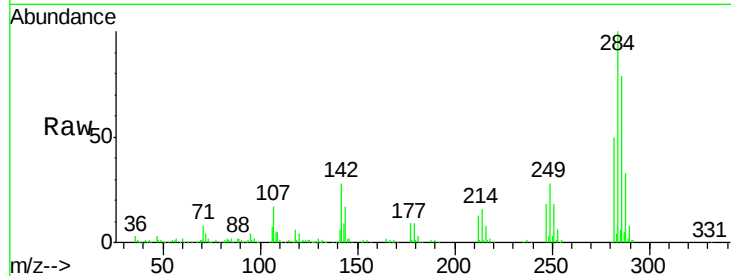




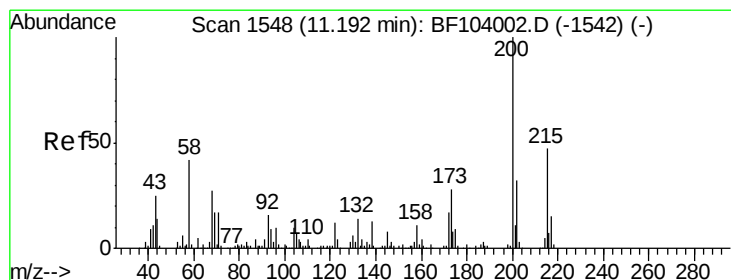
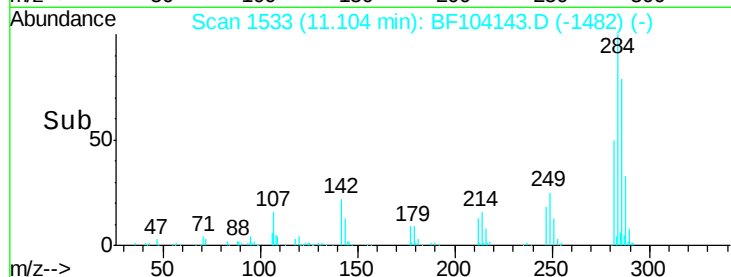
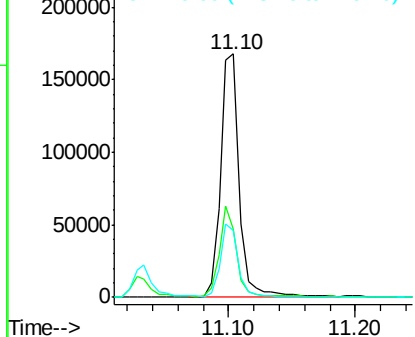
#67
Hexachlorobenzene
Concen: 37.442 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

Tot Ion:284 Resp: 172833
Ion Ratio Lower Upper
284 100
142 28.0 34.6 52.0#
249 27.7 24.8 37.2

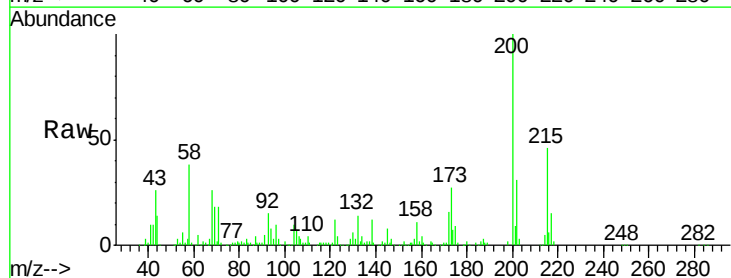


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

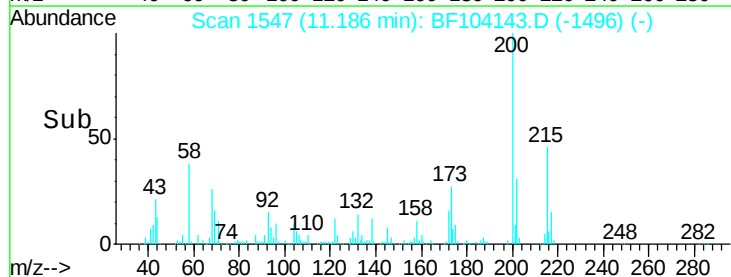
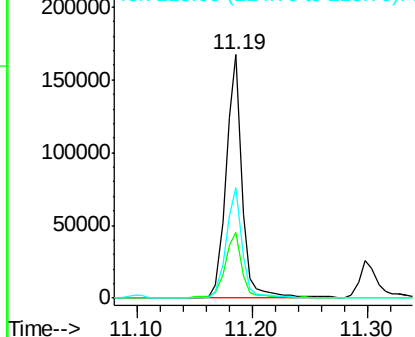


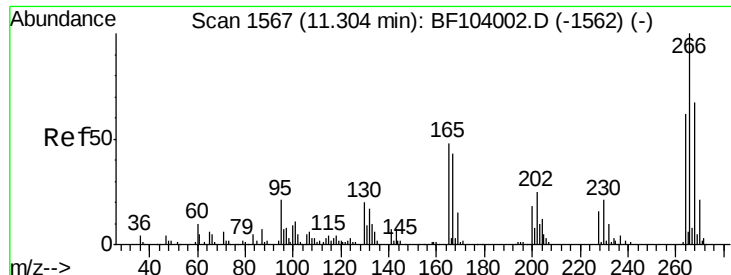
#68
Atrazine
Concen: 41.223 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:200 Resp: 160426
Ion Ratio Lower Upper
200 100
173 27.1 8.6 48.6
215 45.5 25.1 65.1



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

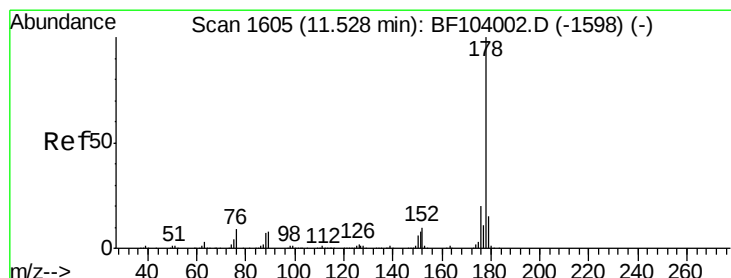
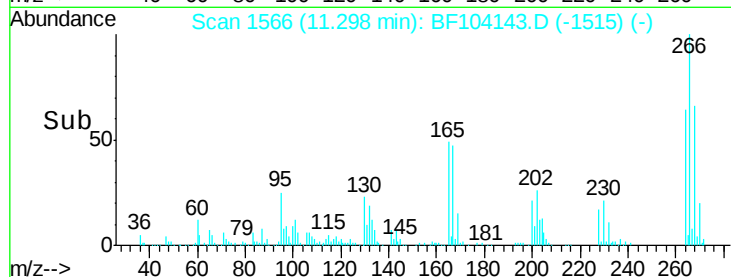
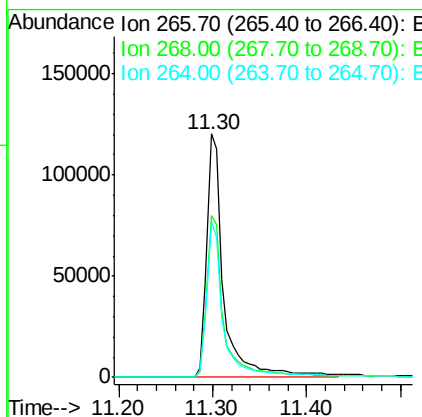
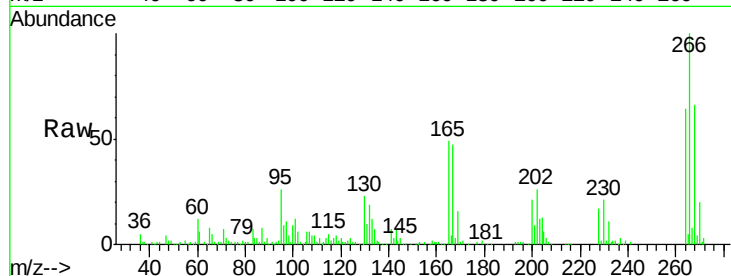




#69
 Pentachlorophenol
 Concen: 61.047 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

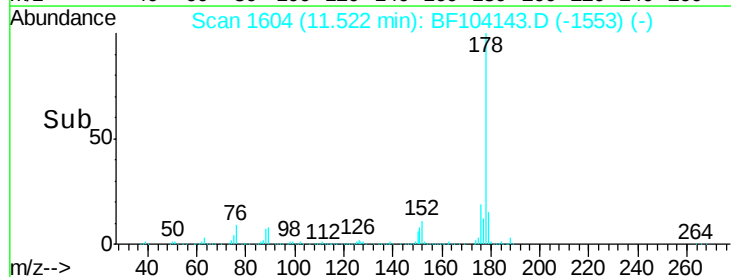
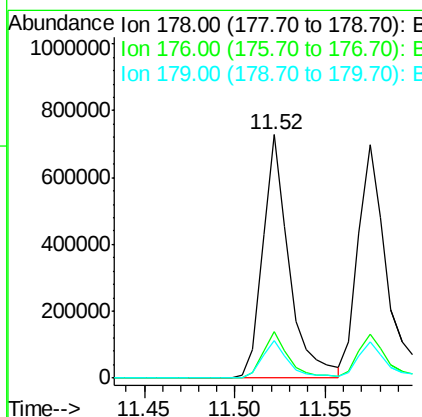
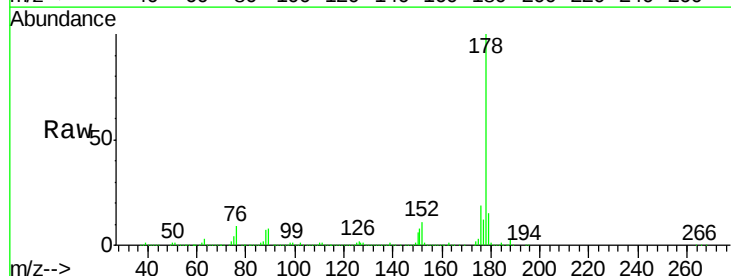
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

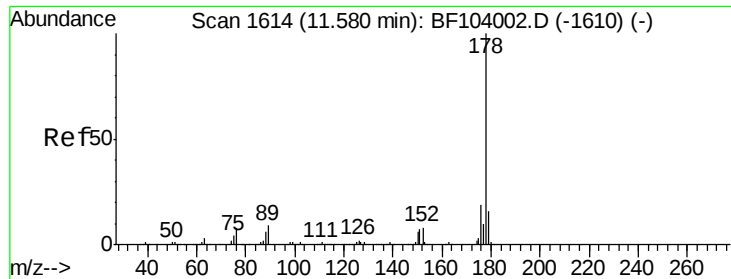
Tot Ion:266 Resp: 155066
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 63.7 49.5 74.3



#70
 Phenanthrene
 Concen: 36.369 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:178 Resp: 738564
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 13.0 19.6

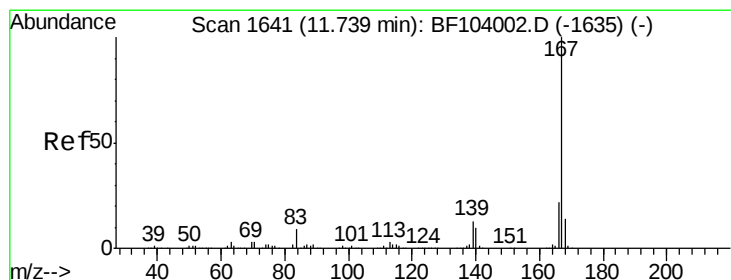
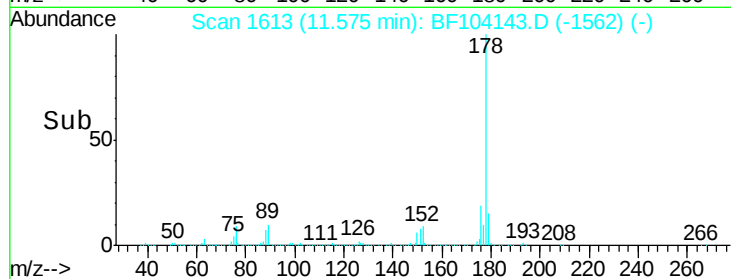
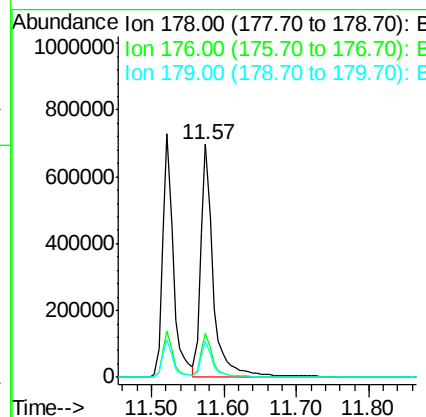
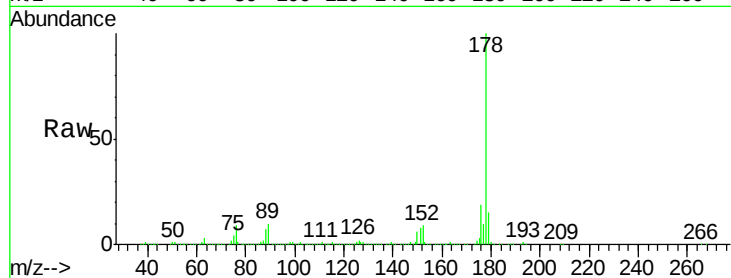




#71
 Anthracene
 Concen: 39.176 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

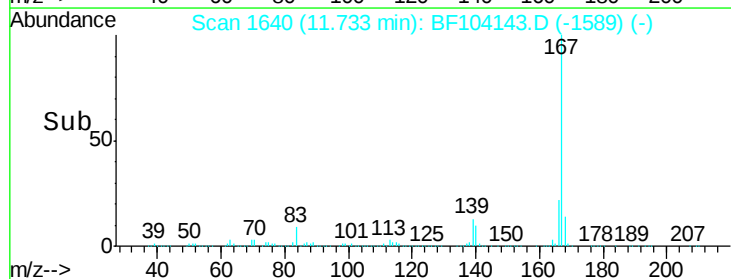
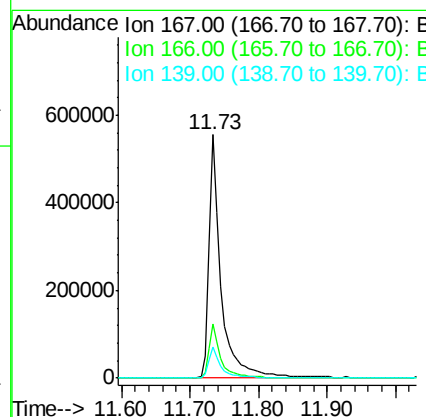
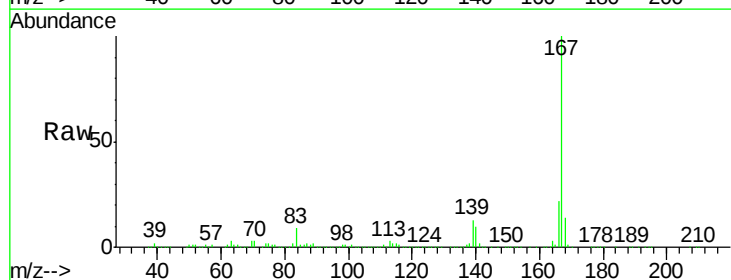
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

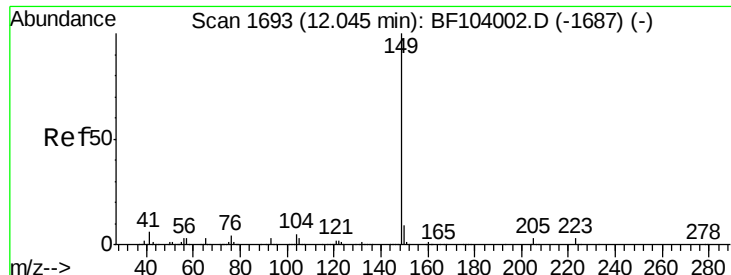
Tot Ion:178 Resp: 831007
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 34.893 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:167 Resp: 706412
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.0 10.9 16.3

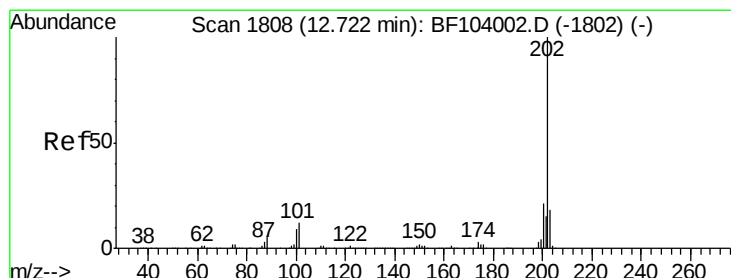
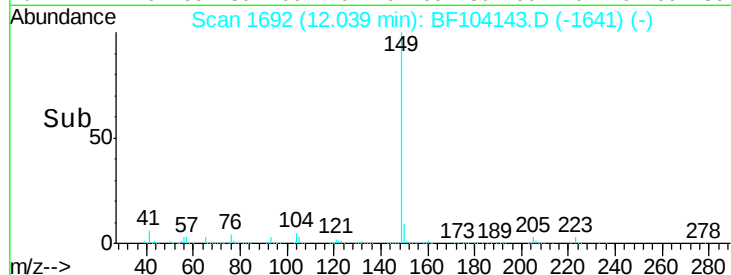
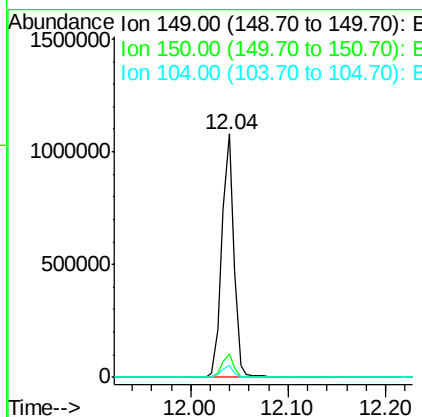
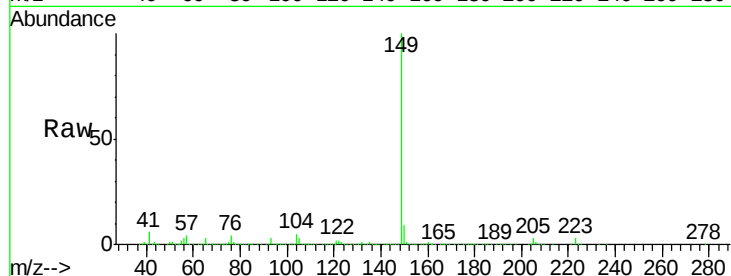




#73
Di-n-butylphthalate
Concen: 38.601 ng
RT: 12.04 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

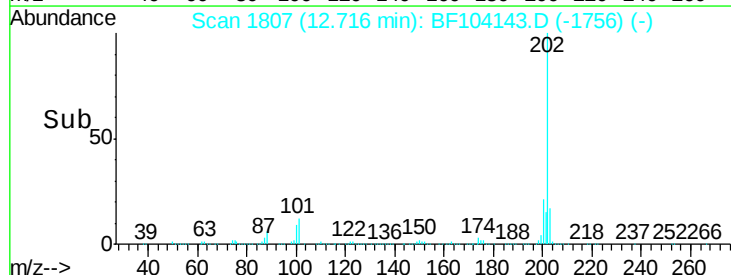
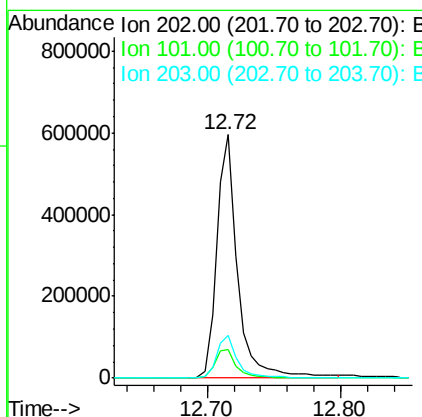
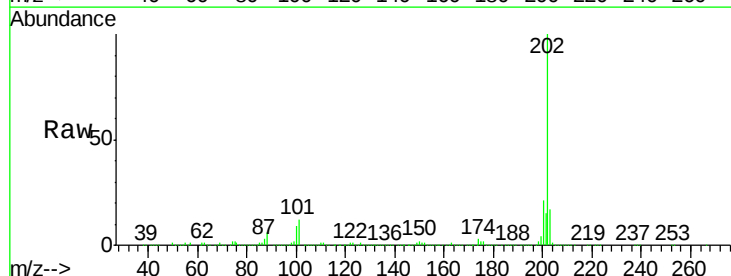
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

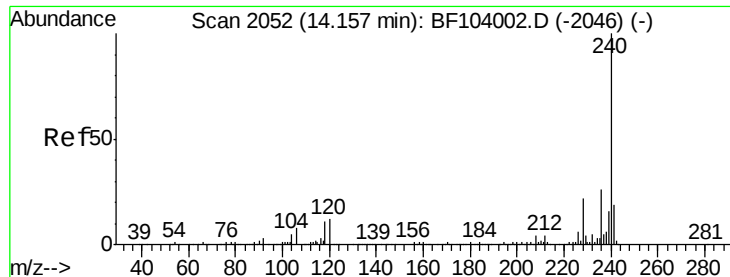
Tot Ion:149 Resp: 930857
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 30.287 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:202 Resp: 653769
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

Instrument :

BNA_F

ClientSampleId :

SB-102(11-12)MS

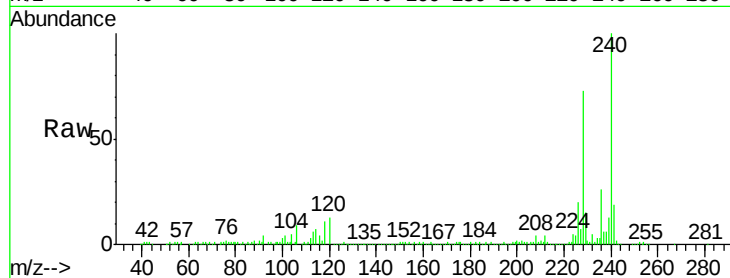
Tot Ion:240 Resp: 237560

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

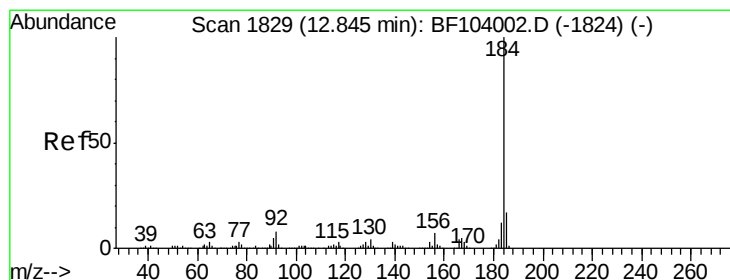
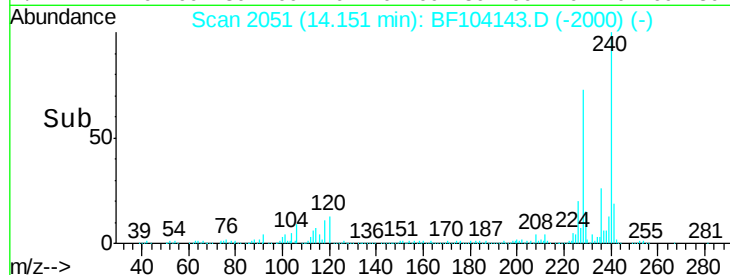
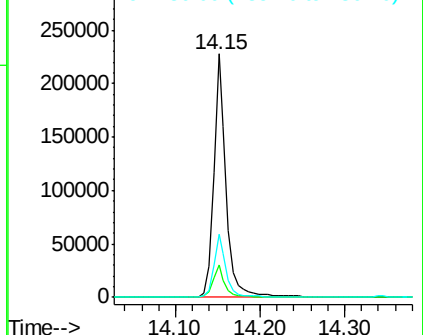
236 25.8 20.7 31.1



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: 43.722 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF104143.D

Acq: 2 Apr 2018 18:45

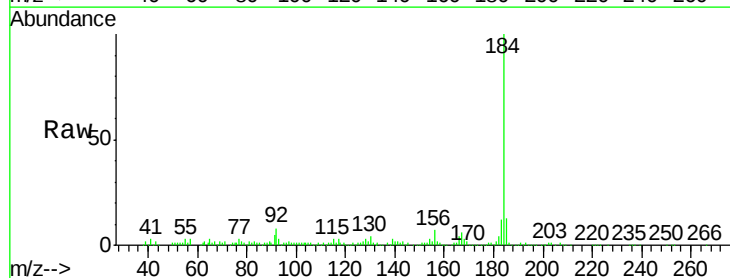
Tgt Ion:184 Resp: 295995

Ion Ratio Lower Upper

184 100

185 13.2 12.6 18.8

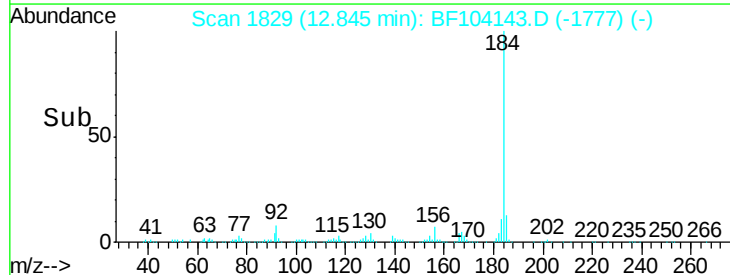
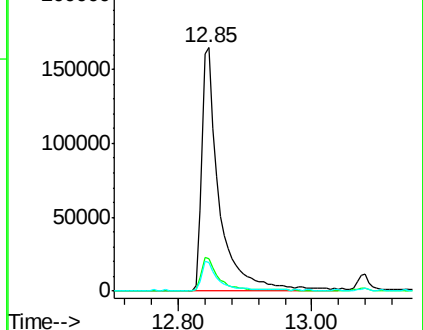
183 11.6 9.3 13.9

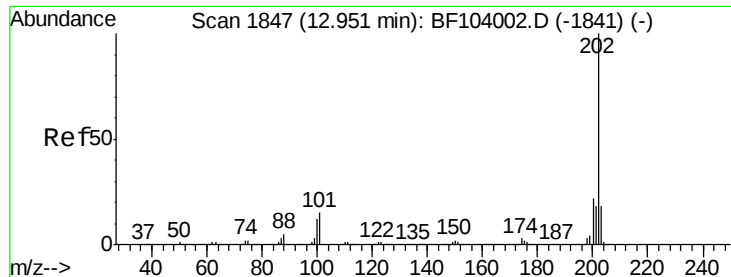


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

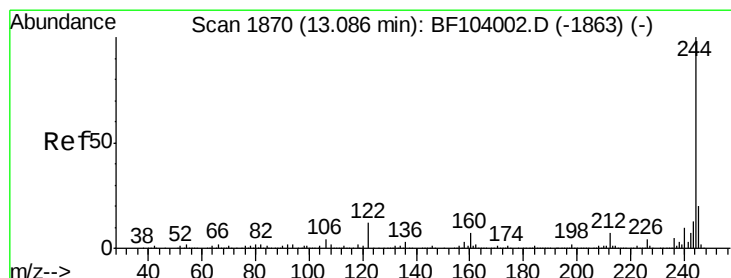
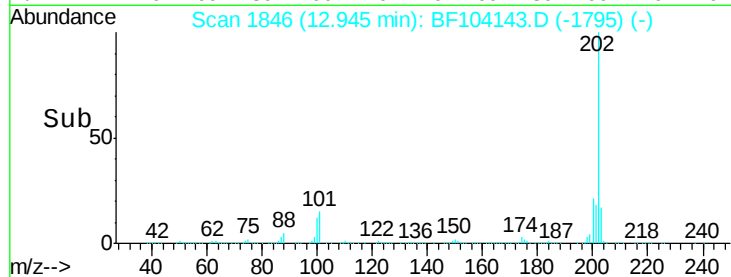
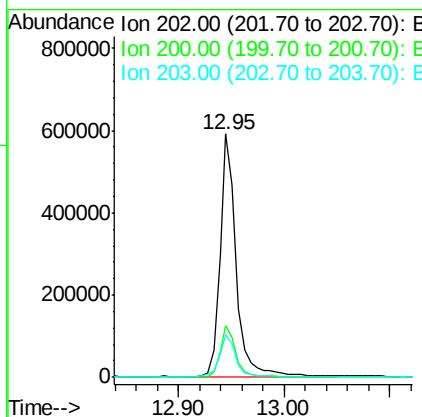
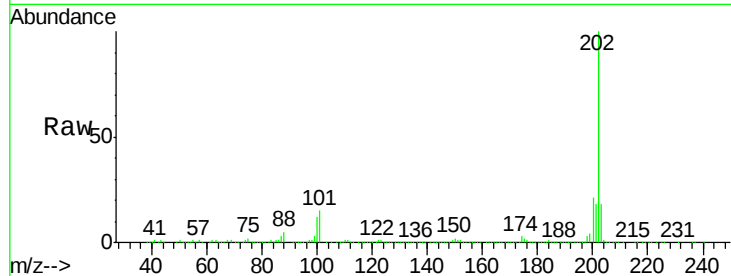




#77
Pvrene
Concen: 37.329 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

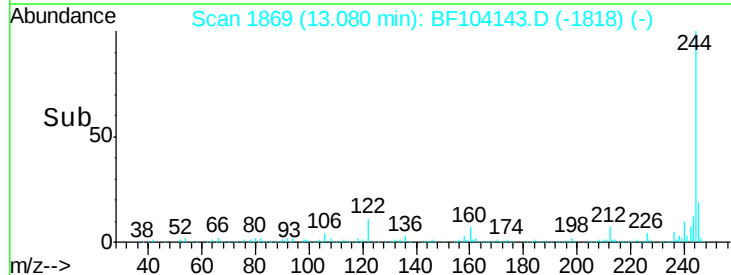
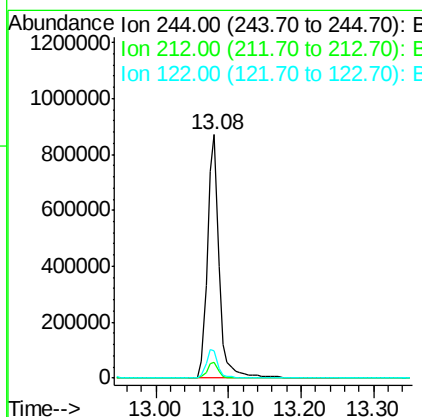
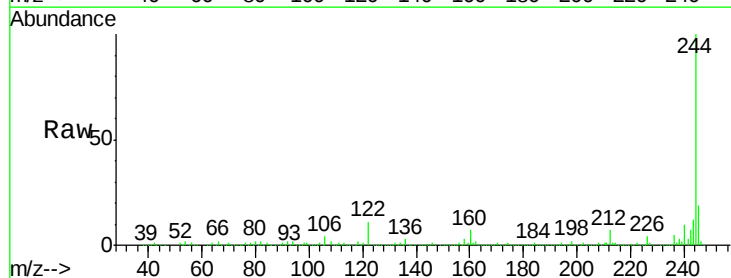
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

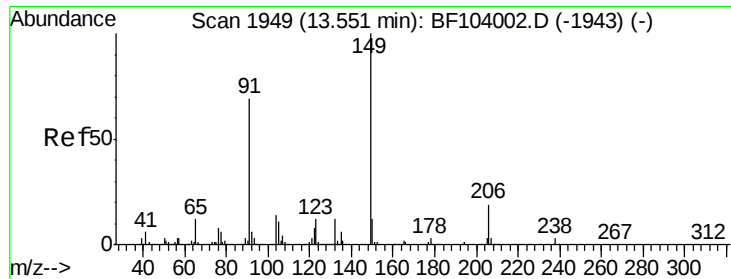
Tot Ion:202 Resp: 637467
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 94.693 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:244 Resp: 974260
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.0 11.0 16.4

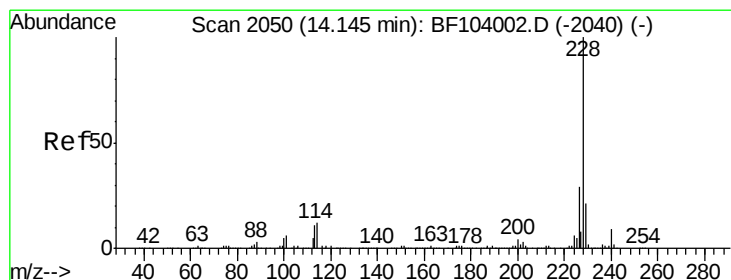
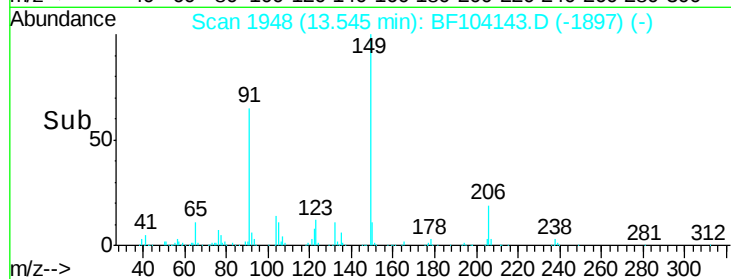
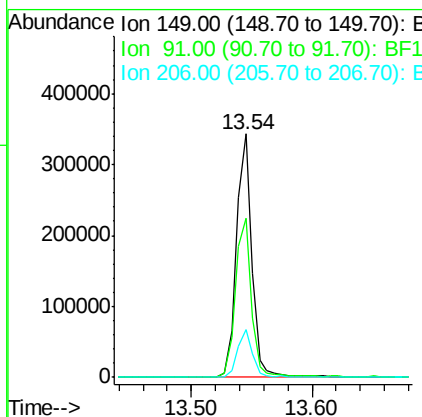
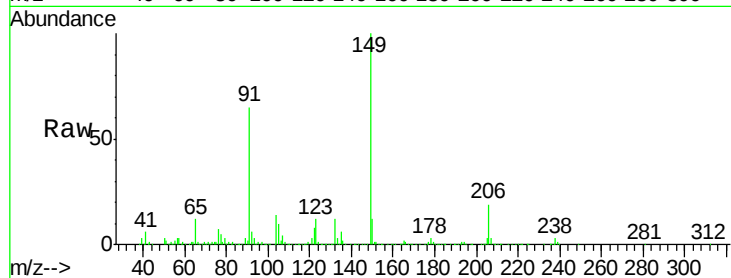




#79
Butylbenzylphthalate
Concen: 38.073 ng
RT: 13.54 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

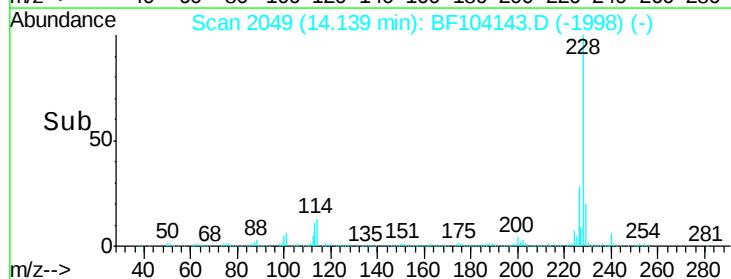
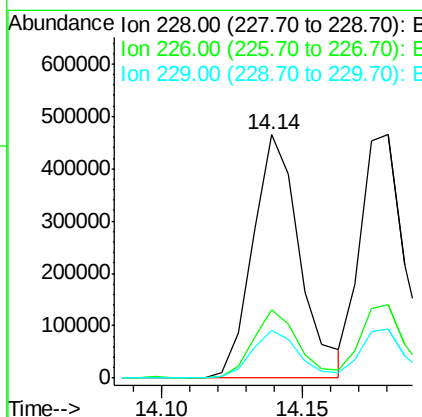
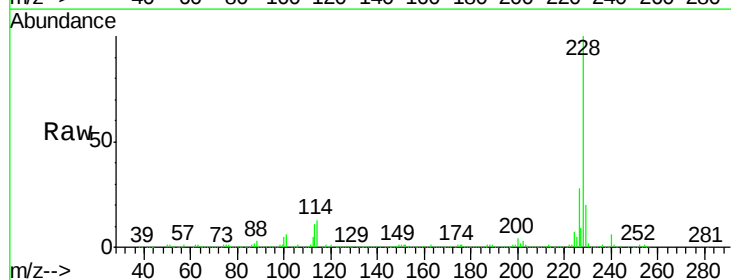
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

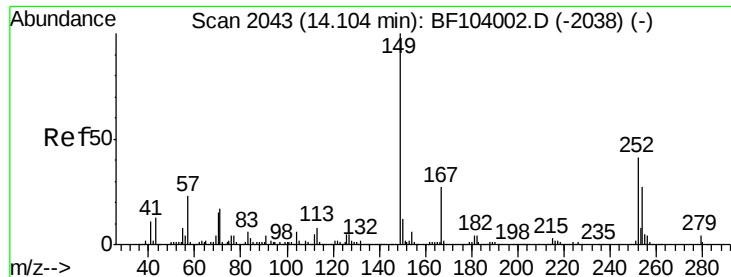
Tot Ion:149 Resp: 306316
Ion Ratio Lower Upper
149 100
91 65.2 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.054 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:228 Resp: 535925
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.9 15.8 23.6

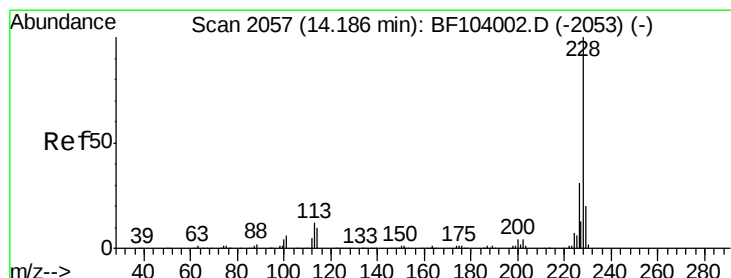
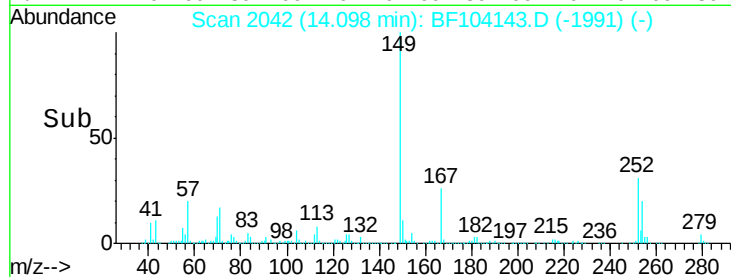
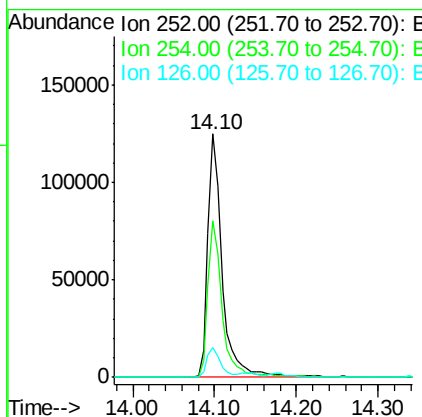
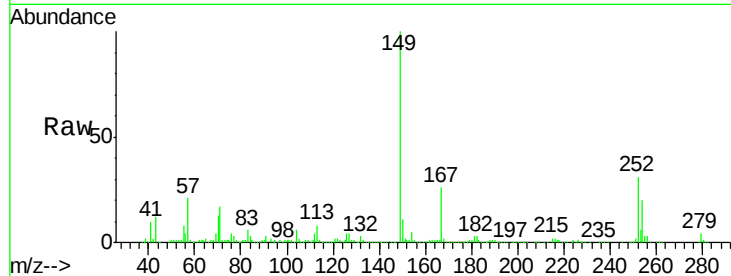




#81
 3,3'-Dichlorobenzidine
 Concen: 31.219 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

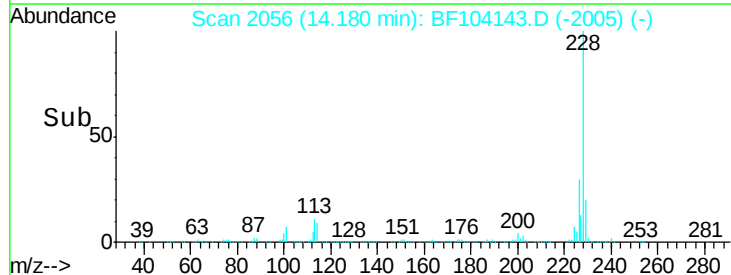
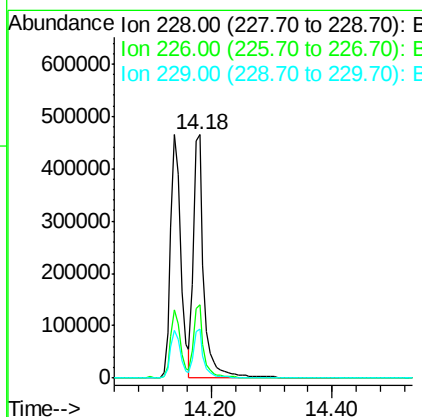
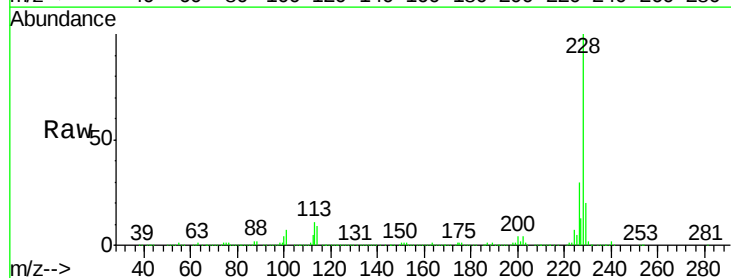
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

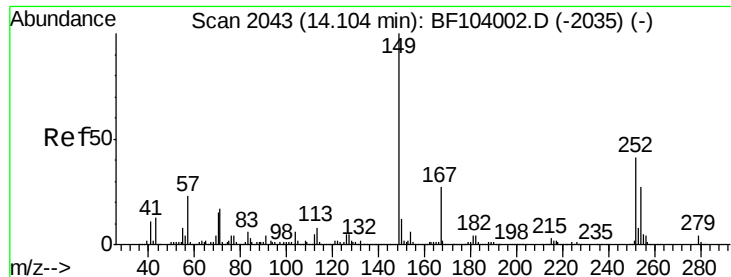
Tot Ion:252 Resp: 153603
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 38.631 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:228 Resp: 562435
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 20.1 16.2 24.4

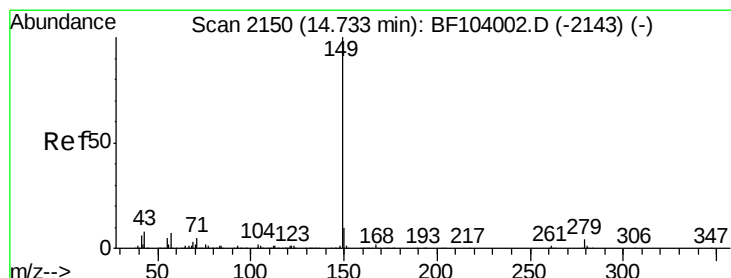
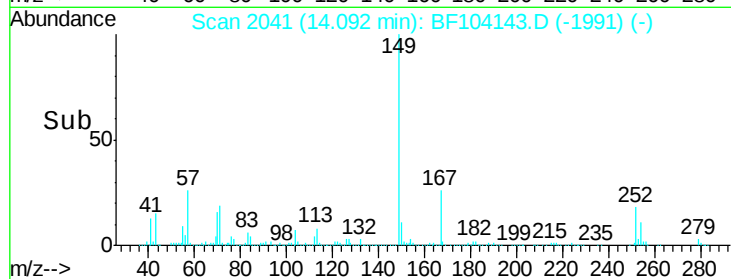
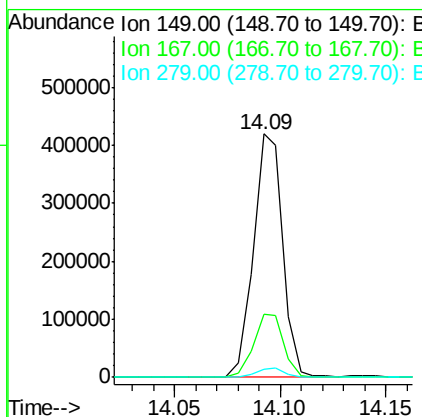
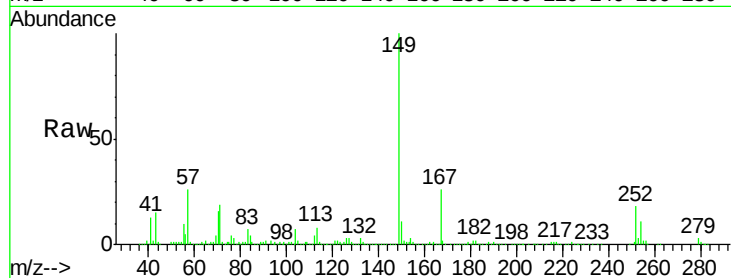




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.745 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

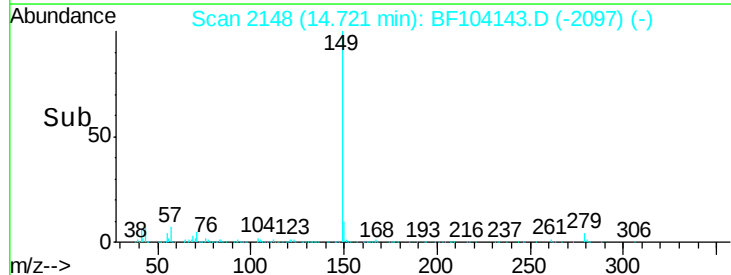
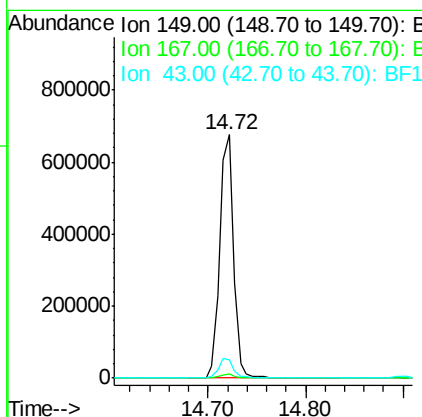
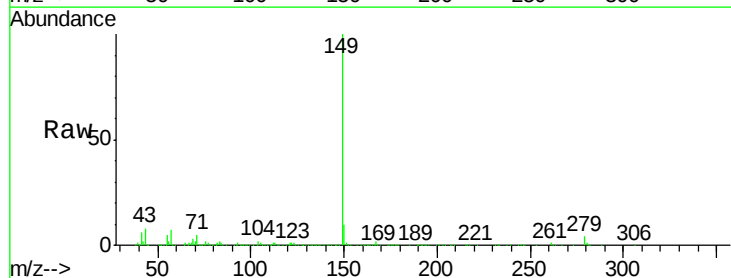
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

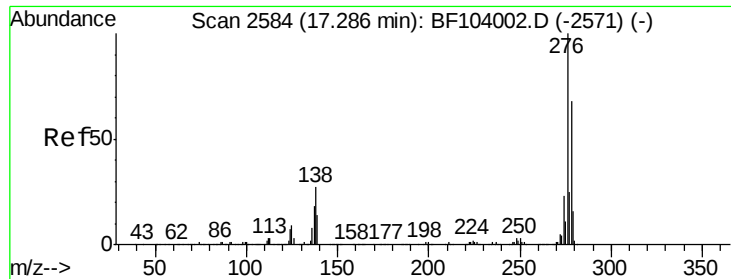
Tot Ion:149 Resp: 402772
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 37.063 ng
 RT: 14.72 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion:149 Resp: 662762
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.8 8.4 12.6#

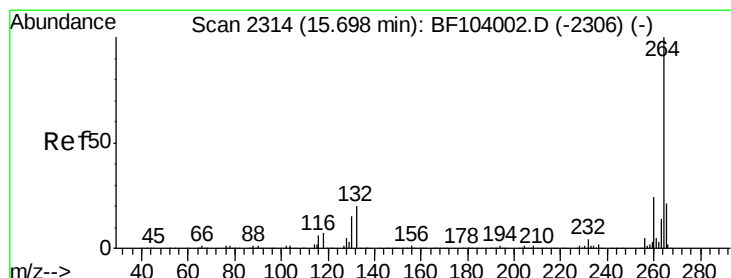
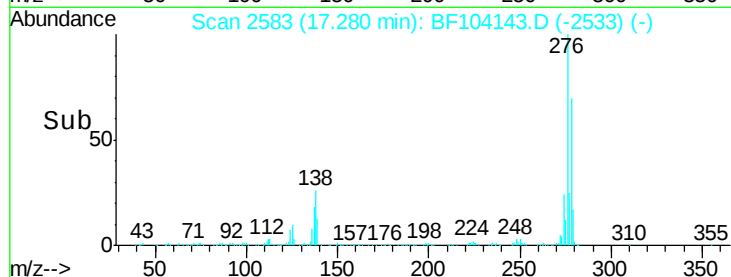
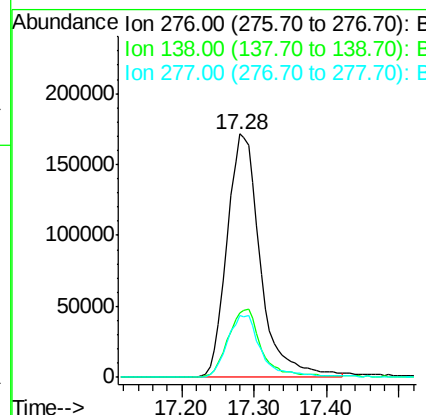
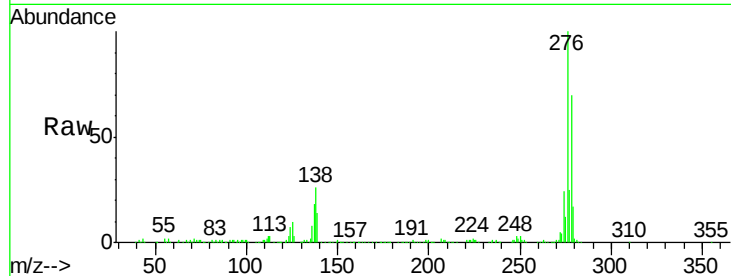




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.448 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

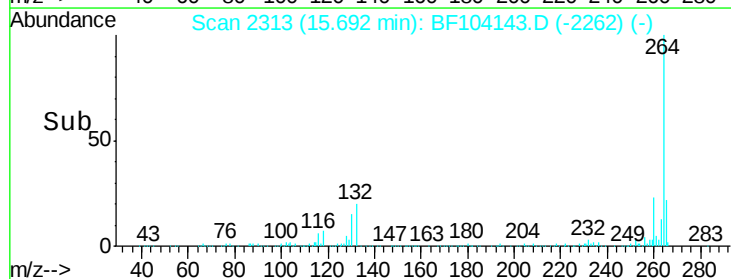
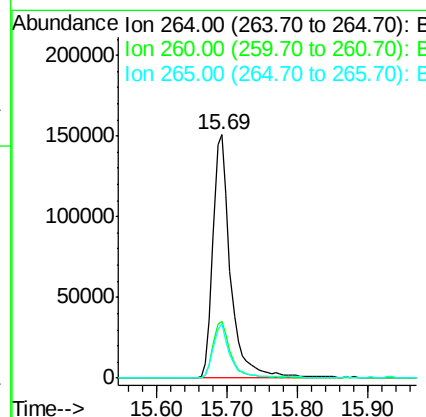
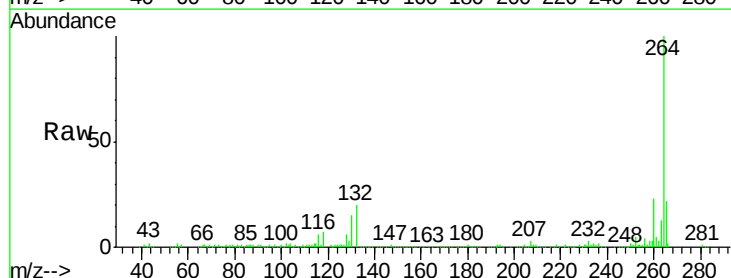
Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

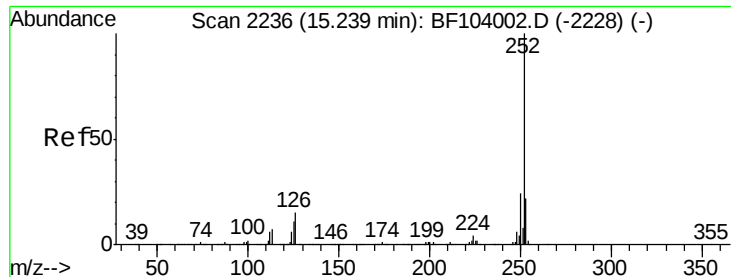
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.2	17.5	26.3

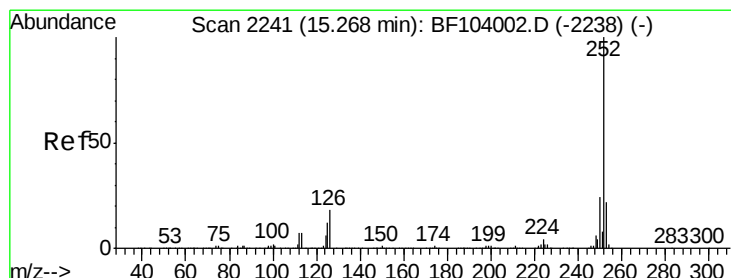
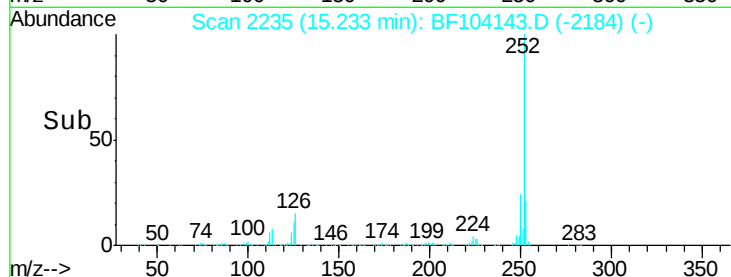
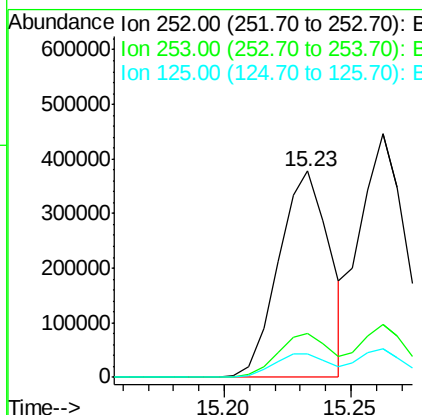
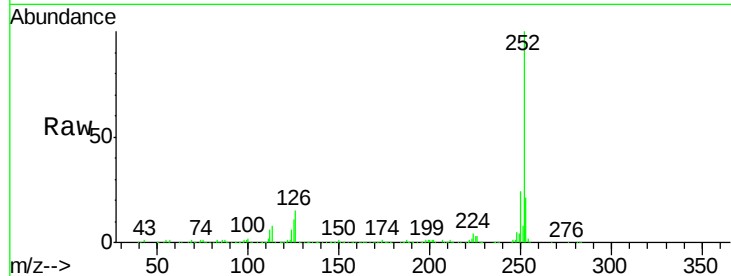




#87
Benzo(b)fluoranthene
Concen: 32.916 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

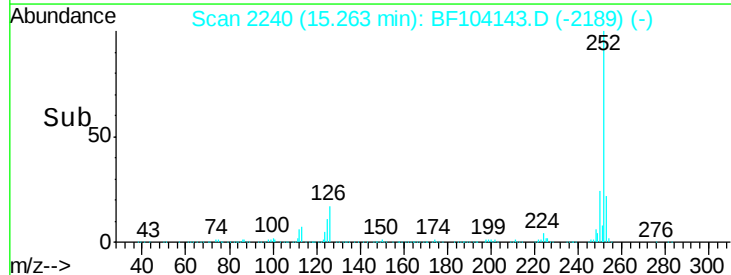
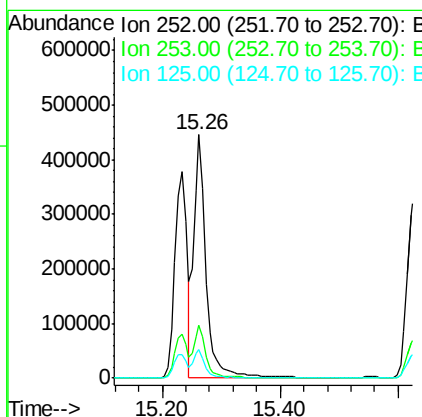
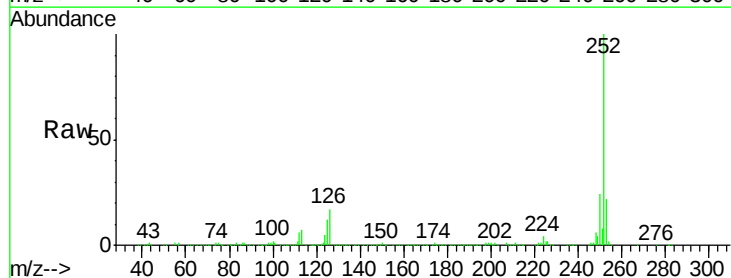
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

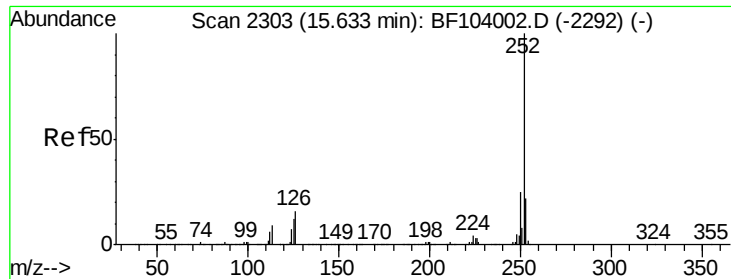
Tot Ion:252 Resp: 528946
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.408 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:252 Resp: 641953
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.5 10.2 15.2

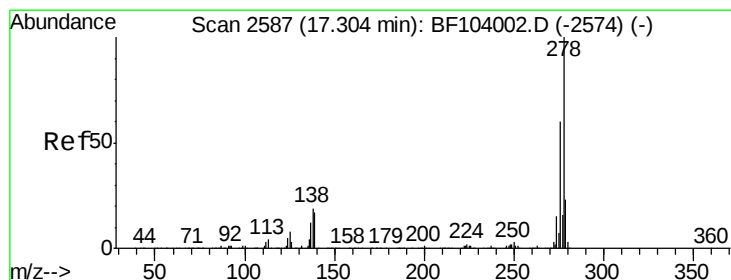
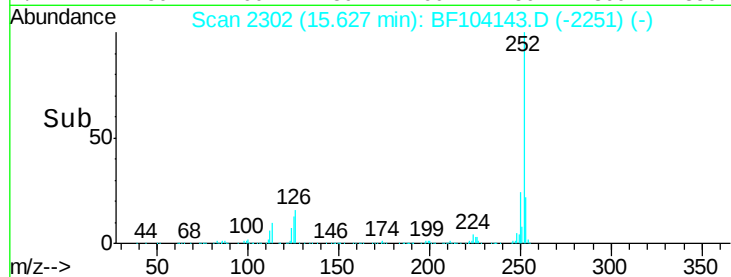
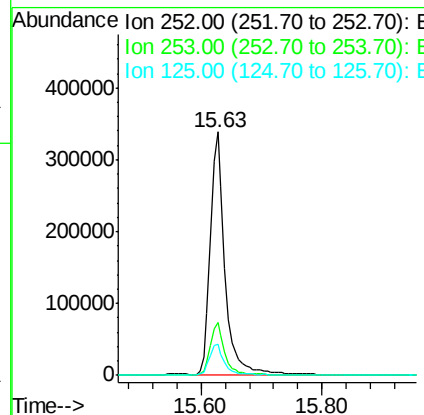
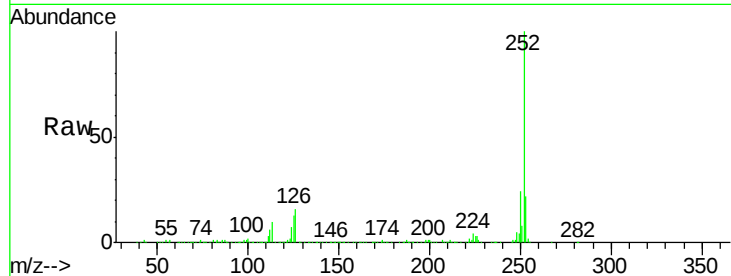




#89
Benzo(a)pyrene
Concen: 38.226 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

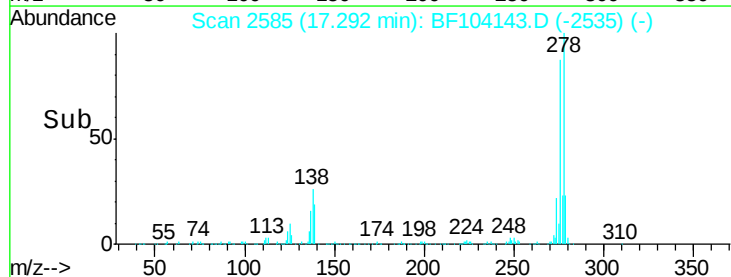
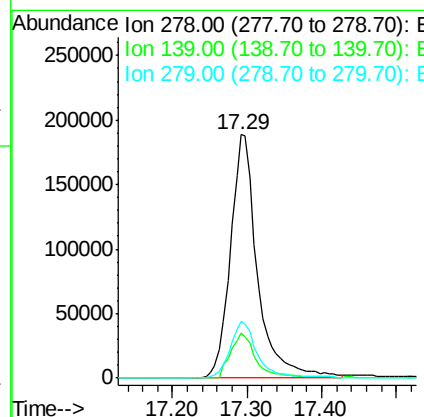
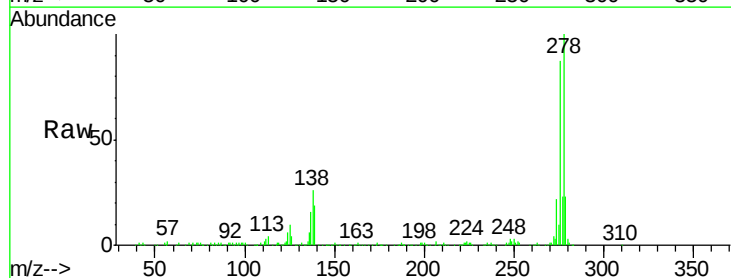
Instrument :
BNA_F
ClientSampleId :
SB-102(11-12)MS

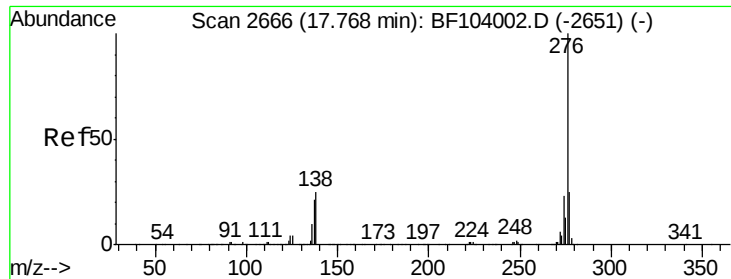
Tot Ion:252 Resp: 569230
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 12.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.713 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF104143.D
Acq: 2 Apr 2018 18:45

Tgt Ion:278 Resp: 477922
Ion Ratio Lower Upper
278 100
139 18.7 15.9 23.9
279 23.3 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.204 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. -0.01 min
 Lab File: BF104143.D
 Acq: 2 Apr 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-102(11-12)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.6	21.8	32.8

