

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101686.D
 Acq On : 23 Dec 2017 7:14
 Operator : SJ/JU
 Sample : I6827-18MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Quant Time: Dec 24 22:31:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	160563	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	473767	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	285360	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	501160	20.00	ng	0.00
75) Chrysene-d12	13.97	240	325957	20.00	ng	0.00
86) Perylene-d12	15.43	264	307993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1126274	104.49	ng	0.03
7) Phenol-d6	6.49	99	1486021	110.77	ng	0.05
23) Nitrobenzene-d5	7.37	82	1095257	128.69	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	373159	135.71	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1635308	88.90	ng	0.00
78) Terphenyl-d14	12.90	244	1490538	110.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	186480	33.669	ng	# 79
3) Pyridine	3.45	79	492669	32.015	ng	98
4) n-Nitrosodimethylamine	3.40	42	282852	39.921	ng	# 96
6) Aniline	6.47	93	172926	9.276	ng	# 1
8) 2-Chlorophenol	6.60	128	465780	41.078	ng	97
9) Benzaldehyde	6.35	77	239138	24.138	ng	96
10) Phenol	6.50	94	1977779	129.352	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	534162	44.538	ng	95
12) 1,3-Dichlorobenzene	6.73	146	528821	41.323	ng	98
13) 1,4-Dichlorobenzene	6.80	146	531846	40.697	ng	99
14) 1,2-Dichlorobenzene	6.96	146	438213	37.253	ng	98
15) Benzyl Alcohol	6.96	79	399860	43.305	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	634447	34.565	ng	# 29
17) 2-Methylphenol	7.07	107	967251	92.736	ng	97
18) Hexachloroethane	7.29	117	183172	40.314	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	312765	35.502	ng	96
20) 3+4-Methylphenols	7.23	107	1950993	176.518	ng	89
22) Acetophenone	7.21	105	672710	62.229	ng	# 91
24) Nitrobenzene	7.39	77	554663	58.885	ng	98
25) Isophorone	7.64	82	1043273	61.105	ng	100
26) 2-Nitrophenol	7.70	139	270971	66.960	ng	99
27) 2,4-Dimethylphenol	7.75	122	1113566	161.976	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	668471	61.636	ng	99
29) 2,4-Dichlorophenol	7.96	162	423035	62.283	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	452529	63.134	ng	97
31) Naphthalene	8.11	128	7389373	309.812	ng	98
32) Benzoic acid	7.89	122	860436	162.901	ng	# 20
33) 4-Chloroaniline	8.16	127	57589	5.555	ng	# 75
34) Hexachlorobutadiene	8.20	225	241742	58.313	ng	98
35) Caprolactam	8.56	113	125303	53.130	ng	90
36) 4-Chloro-3-methylphenol	8.67	107	450969	60.409	ng	96
37) 2-Methylnaphthalene	8.79	142	1295746	83.384	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	437951	45.457	ng	98
40) Hexachlorocyclopentadiene	8.93	237	33312	31.148	ng	98

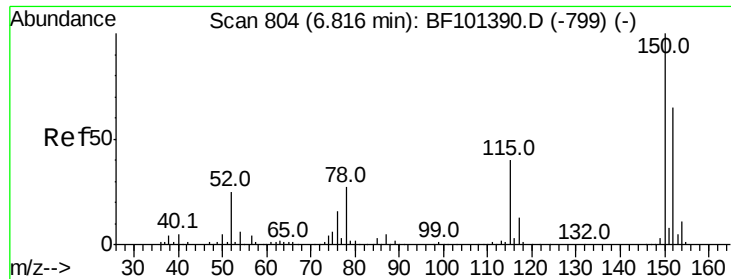
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101686.D
 Acq On : 23 Dec 2017 7:14
 Operator : SJ/JU
 Sample : I6827-18MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Quant Time: Dec 24 22:31:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	276835	47.728	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	237767	37.438	nq	96
45) 1,1'-Biphenyl	9.25	154	1172305	46.323	nq	98
46) 2-Chloronaphthalene	9.28	162	822277	42.464	nq	97
47) 2-Nitroaniline	9.39	65	307724	46.002	nq	87
48) Acenaphthylene	9.69	152	1652687	54.036	nq	99
49) Dimethylphthalate	9.56	163	931046	40.563	nq	99
50) 2,6-Dinitrotoluene	9.63	165	210993	45.228	nq	96
51) Acenaphthene	9.86	154	835331	45.459	nq	99
52) 3-Nitroaniline	9.80	138	75673	13.011	nq	99
53) 2,4-Dinitrophenol	9.93	184	124752	77.195	nq #	19
54) Dibenzofuran	10.04	168	1231085	52.719	nq	96
55) 4-Nitrophenol	10.03	139	711514	280.551	nq #	15
56) 2,4-Dinitrotoluene	10.05	165	255873	48.682	nq #	96
57) Fluorene	10.38	166	1042672	52.782	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	238296	52.225	nq #	86
59) Diethylphthalate	10.25	149	944484	41.552	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	406879	42.976	nq	97
61) 4-Nitroaniline	10.43	138	227526	38.919	nq	95
62) Azobenzene	10.53	77	948726	40.291	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	89618	35.042	nq	93
65) n-Nitrosodiphenylamine	10.49	169	805219	43.513	nq	96
66) 4-Bromophenyl-phenylether	10.86	248	263334	46.764	nq #	87
67) Hexachlorobenzene	10.93	284	261276	43.839	nq #	85
68) Atrazine	11.03	200	228458	41.404	nq	95
69) Pentachlorophenol	11.14	266	221279	94.207	nq	99
70) Phenanthrene	11.35	178	1395971	50.088	nq	99
71) Anthracene	11.40	178	1252807	44.006	nq	99
72) Carbazole	11.56	167	1715652	64.367	nq	98
73) Di-n-butylphthalate	11.87	149	1424811	44.042	nq	100
74) Fluoranthene	12.53	202	1180853	40.366	nq	100
76) Benzidine	12.66	184	51499	3.741	nq	99
77) Pyrene	12.77	202	1168287	47.757	nq	99
79) Butylbenzylphthalate	13.37	149	563550	50.913	nq	97
80) Benzo(a)anthracene	13.96	228	949380	44.109	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	239619	34.143	nq #	96
82) Chrysene	14.00	228	900209	44.297	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	705937	50.352	nq	98
84) Di-n-octyl phthalate	14.53	149	1208437	48.331	nq	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	784860	43.370	nq	96
87) Benzo(b)fluoranthene	15.00	252	803411	42.796	nq	99
88) Benzo(k)fluoranthene	15.03	252	828246	45.377	nq	98
89) Benzo(a)pyrene	15.37	252	782450	45.213	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	667252	44.907	nq	96
91) Benzo(g,h,i)perylene	17.34	276	656381	44.612	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

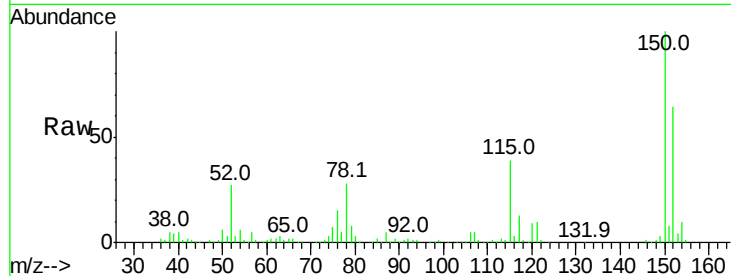
Tot Ion:152 Resp: 160563

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

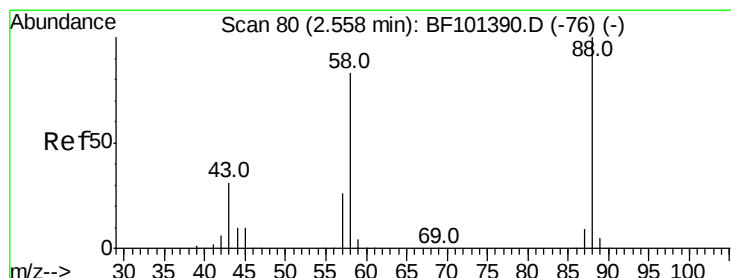
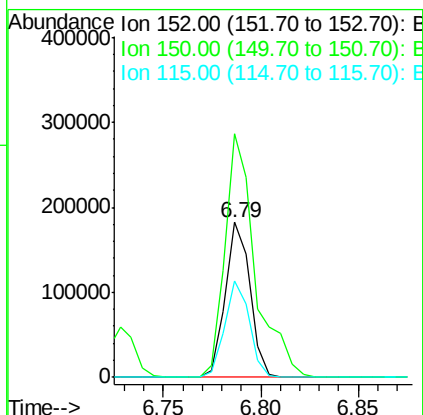
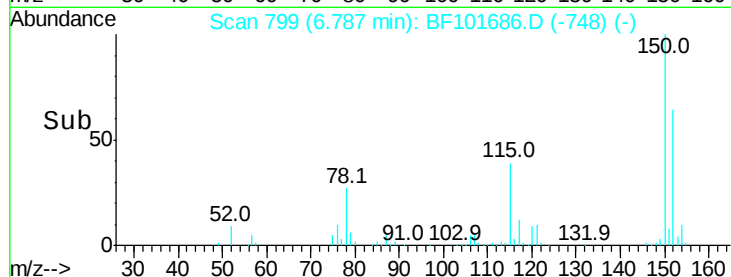
115 62.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.669 ng

RT: 2.75 min Scan# 113

Delta R.T. 0.26 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

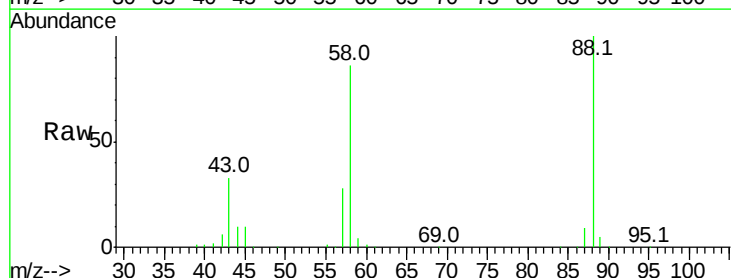
Tgt Ion: 88 Resp: 186480

Ion Ratio Lower Upper

88 100

58 84.2 62.6 93.8

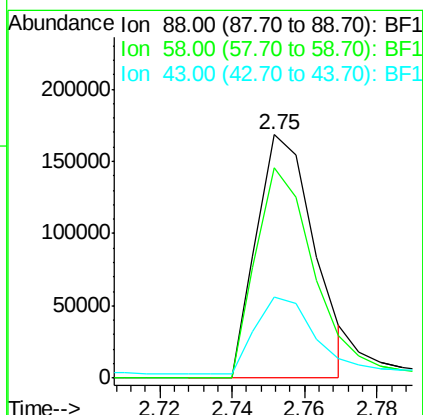
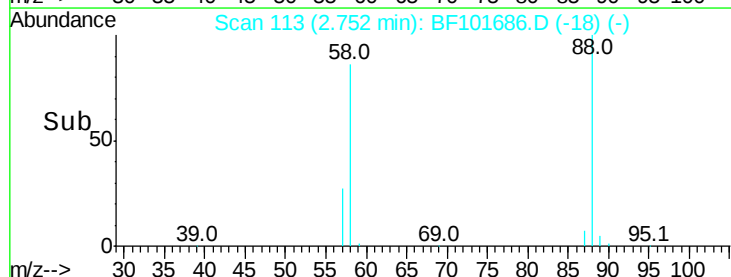
43 0.0 24.6 37.0#

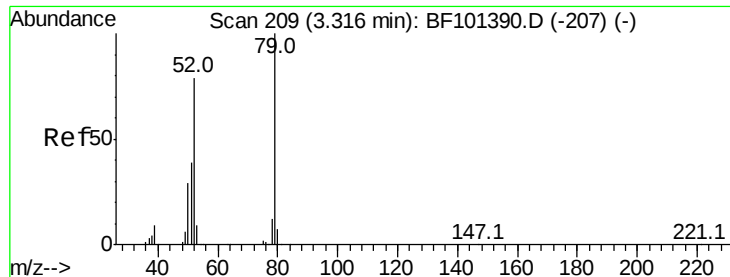


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

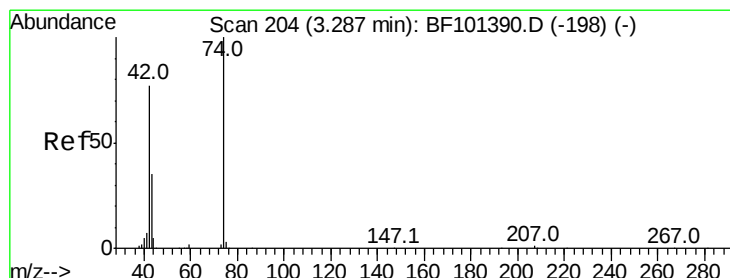
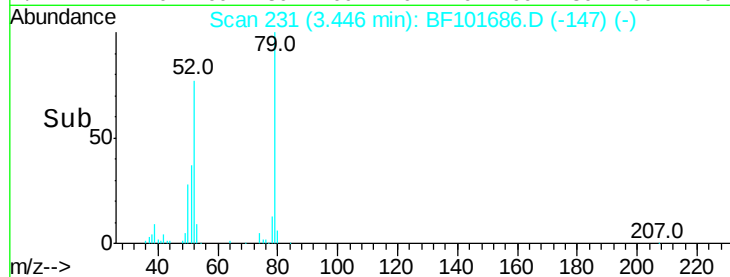
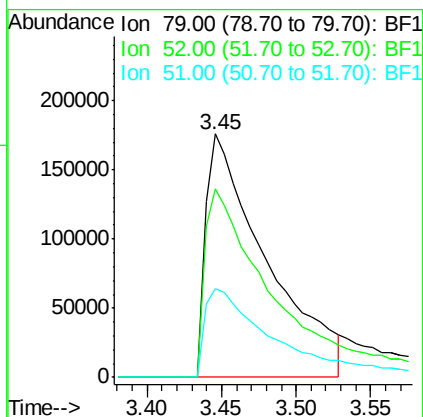
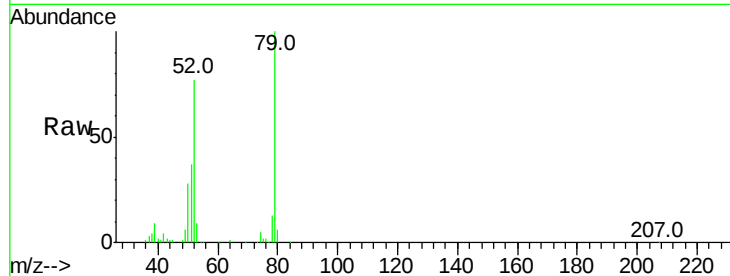




#3
 Pvridine
 Concen: 32.015 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.19 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

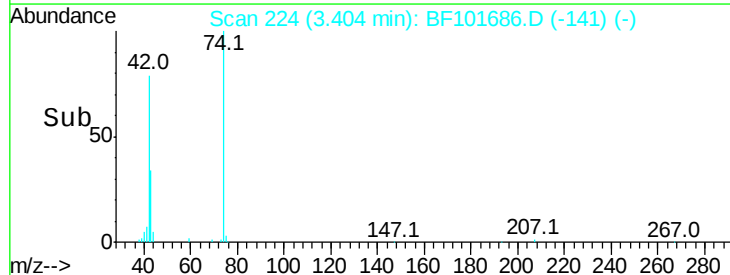
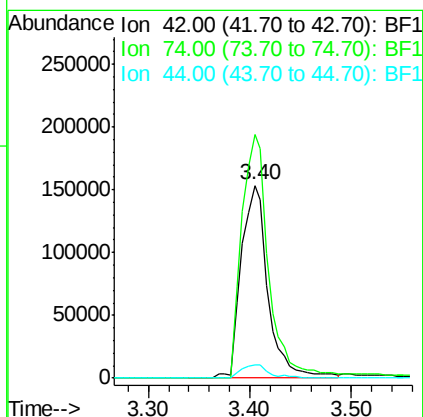
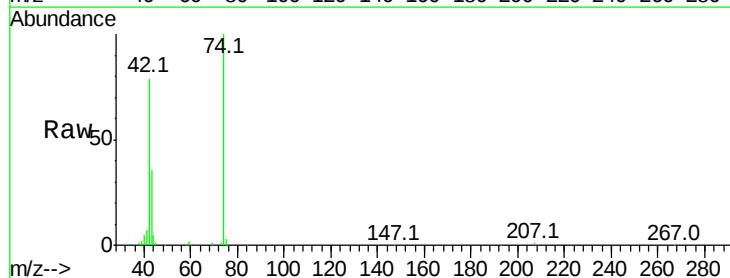
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

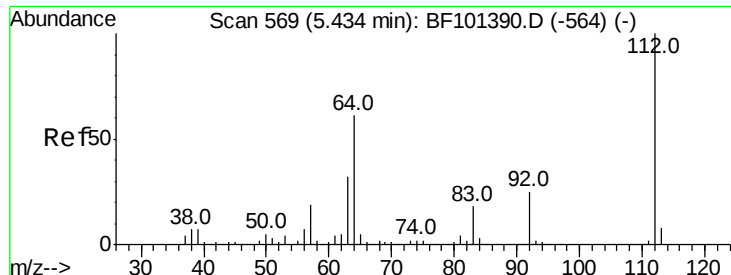
Tot Ion: 79 Resp: 492669
 Ion Ratio Lower Upper
 79 100
 52 77.3 59.8 89.6
 51 36.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.921 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.19 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion: 42 Resp: 282852
 Ion Ratio Lower Upper
 42 100
 74 126.1 104.9 157.3
 44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 104.487 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.03 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

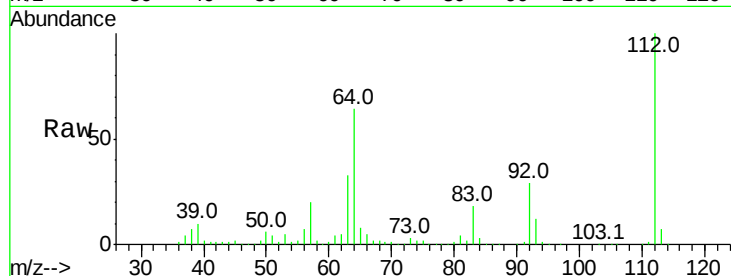
Tot Ion:112 Resp: 1126274

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

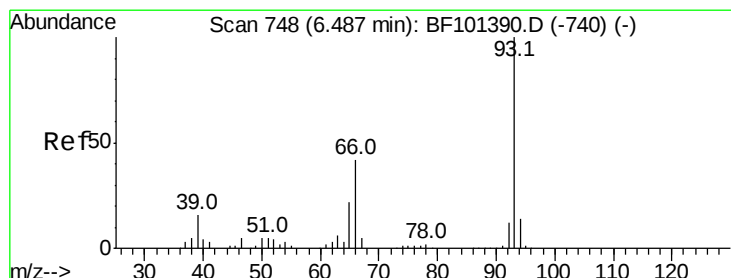
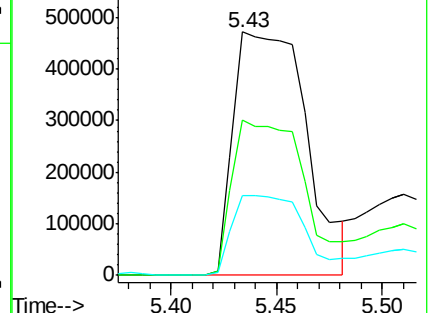
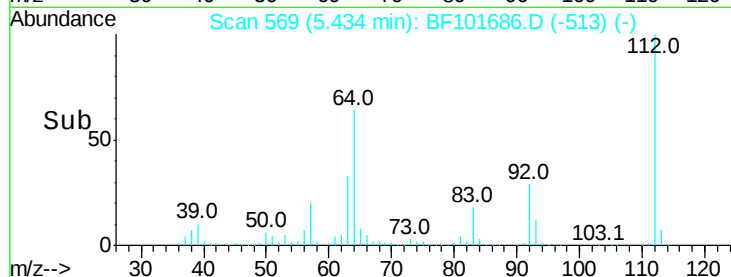
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.276 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

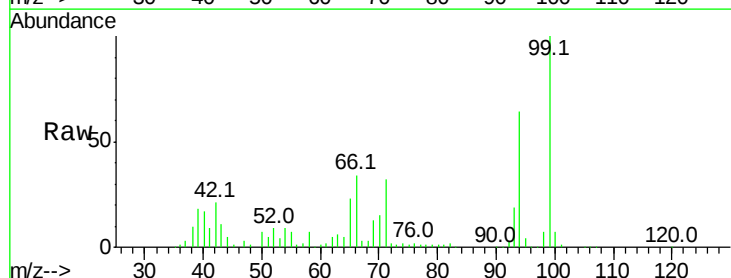
Tgt Ion: 93 Resp: 172926

Ion Ratio Lower Upper

93 100

66 178.9 32.2 48.2#

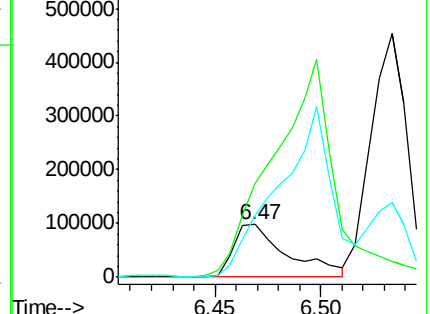
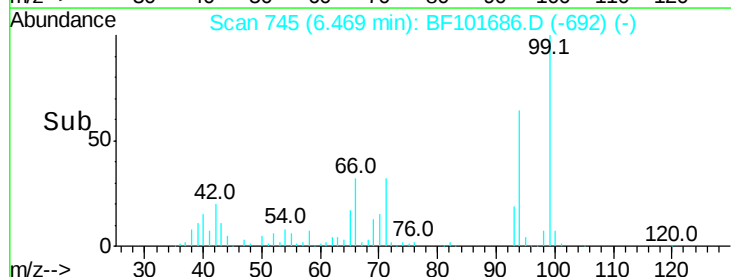
65 118.3 16.4 24.6#

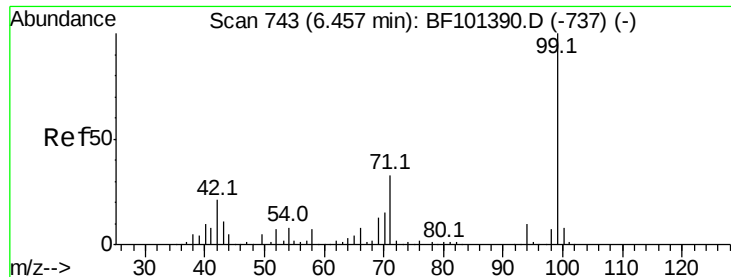


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.773 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.05 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

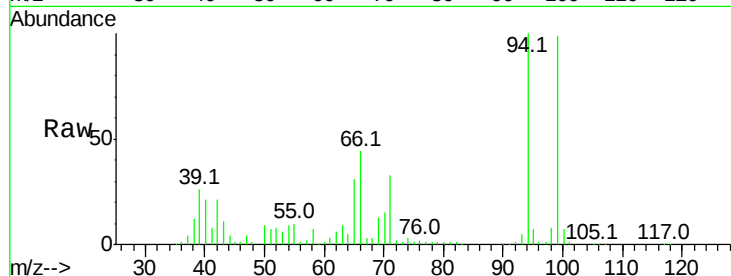
Tot Ion: 99 Resp: 1486021

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.8	25.4	38.0

99 100

42 21.3 14.5 21.7

71 33.8 25.4 38.0

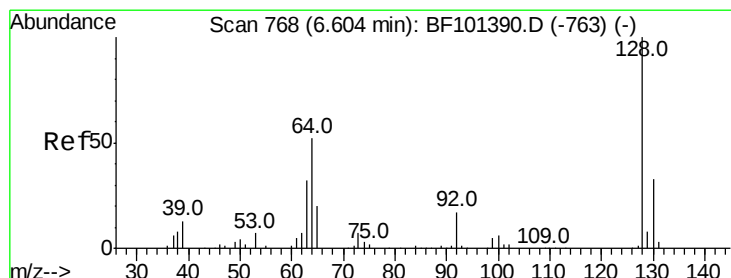
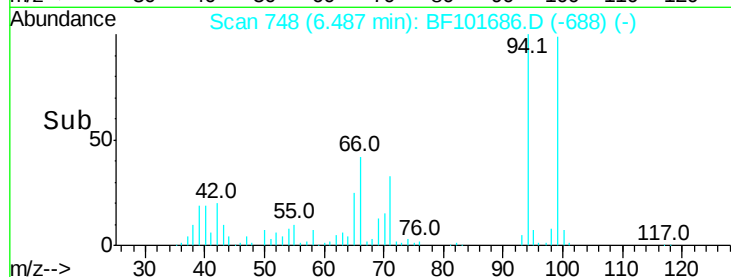
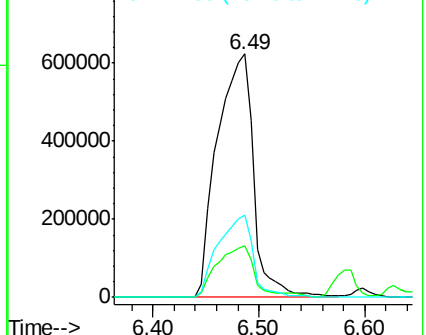


Abundance

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: 41.078 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

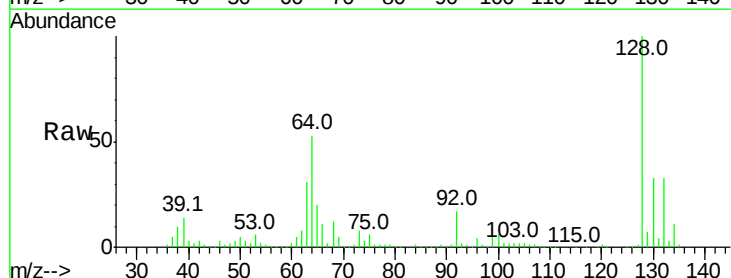
Tgt Ion: 128 Resp: 465780

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	52.8	29.4	69.4

128 100

130 32.7 13.0 53.0

64 52.8 29.4 69.4

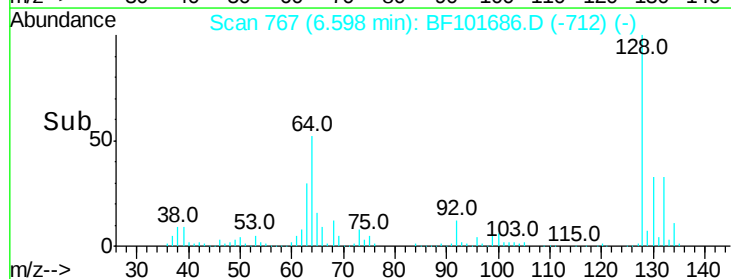
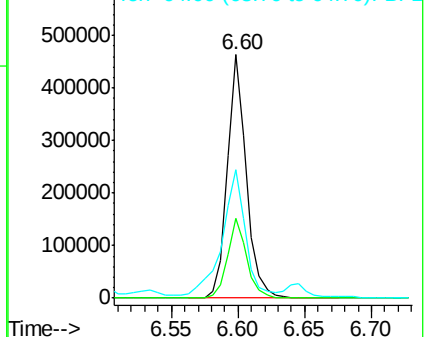


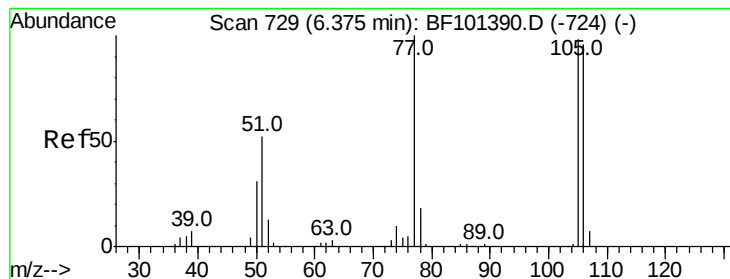
Abundance

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: 24.138 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

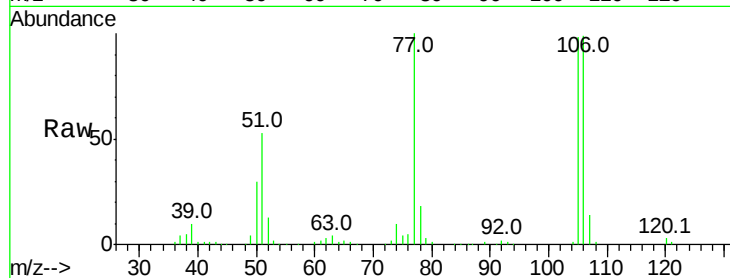
Tot Ion: 77 Resp: 239138

Ion Ratio Lower Upper

77 100

105 97.6 81.1 121.1

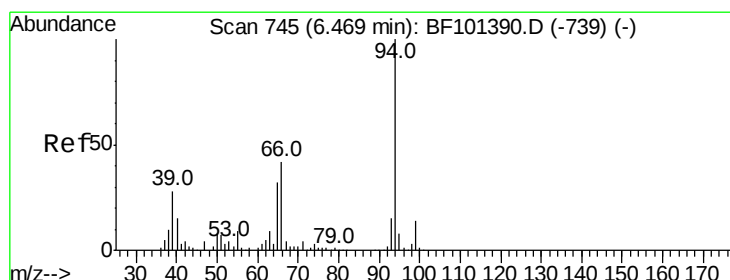
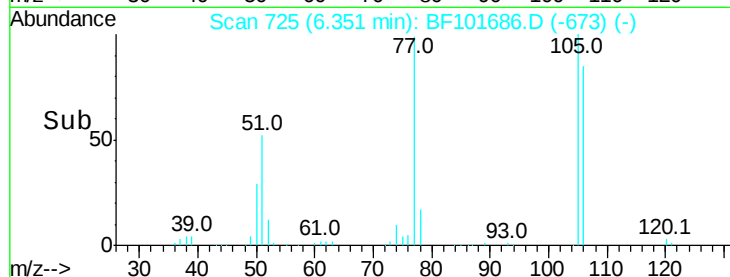
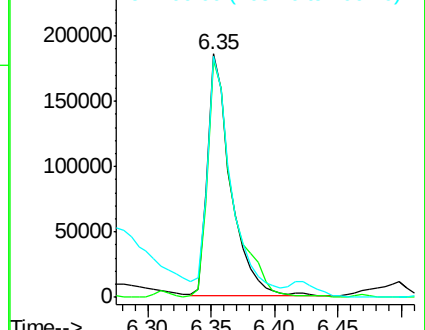
106 99.2 74.5 114.5



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: 129.352 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.05 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

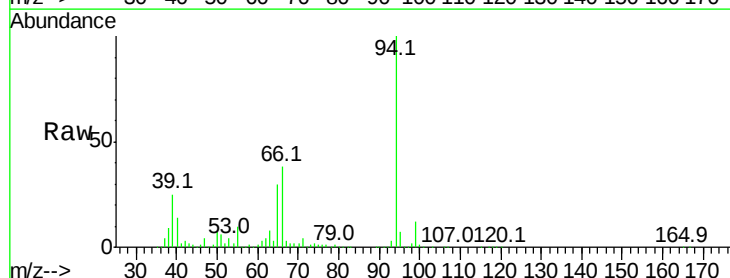
Tgt Ion: 94 Resp: 1977779

Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

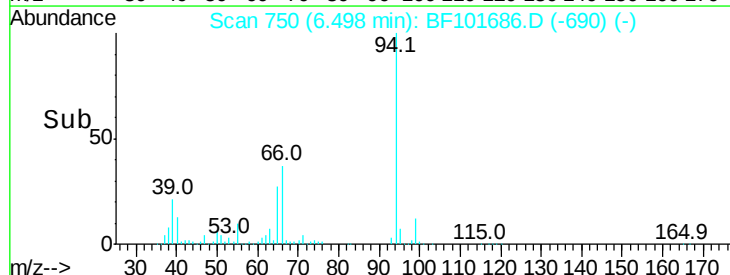
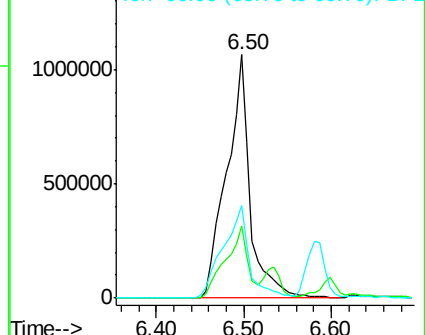
66 38.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

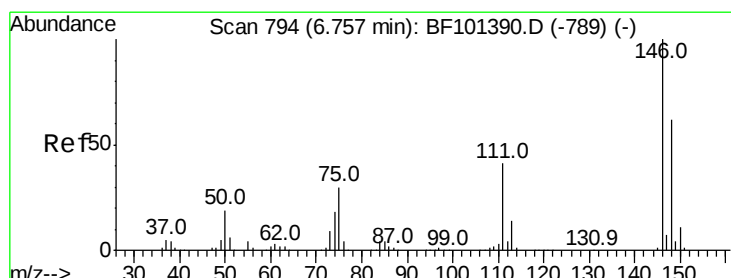
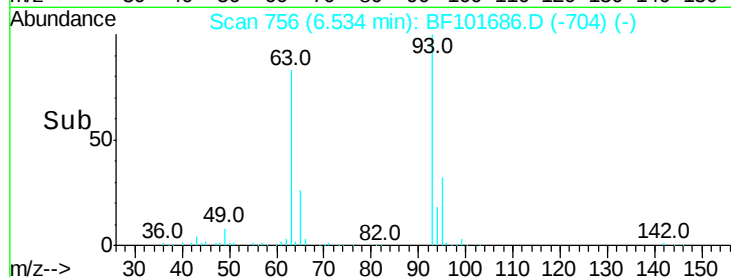
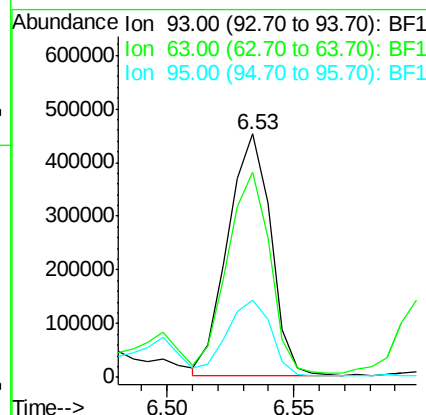
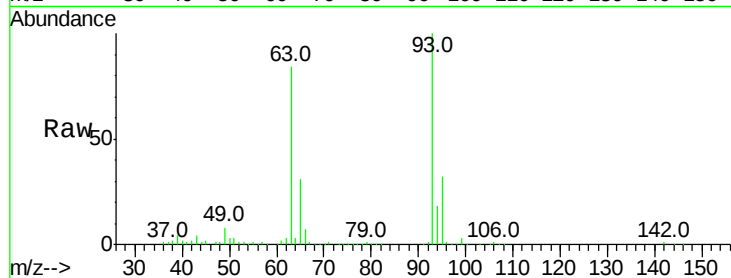




#11
bis(2-Chloroethyl)ether
Concen: 44.538 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

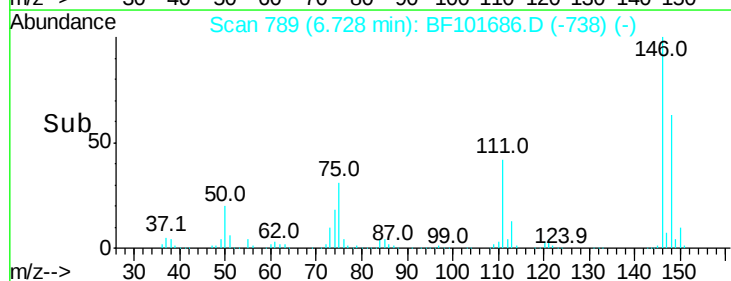
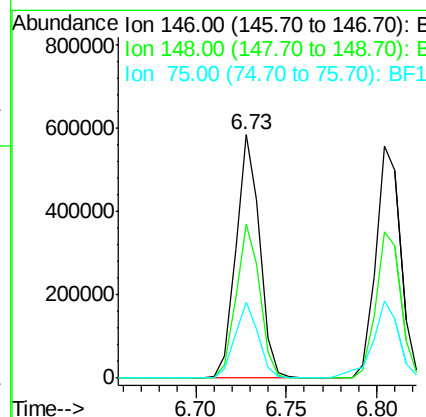
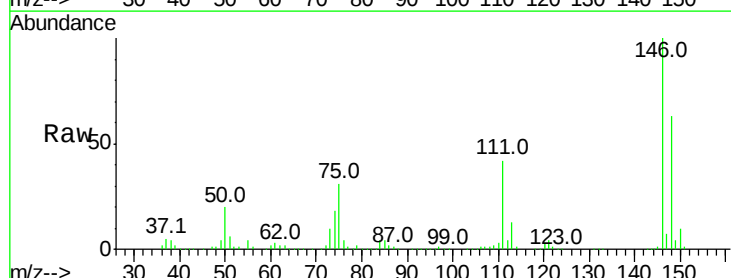
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

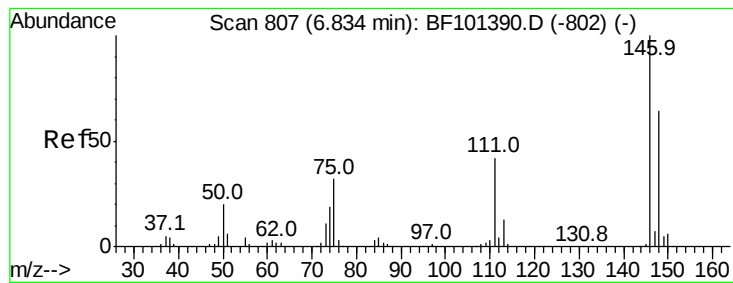
Tot Ion: 93 Resp: 534162
Ion Ratio Lower Upper
93 100
63 84.4 58.6 98.6
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.323 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion: 146 Resp: 528821
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 31.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.697 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

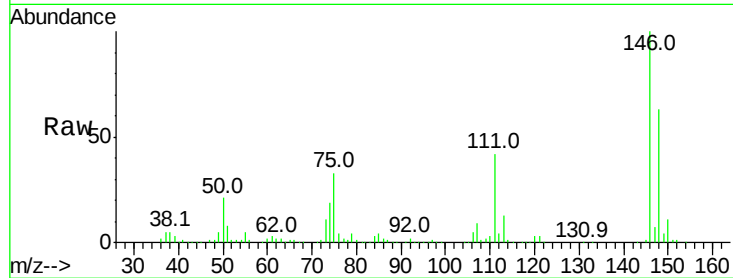
Tot Ion:146 Resp: 531846

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

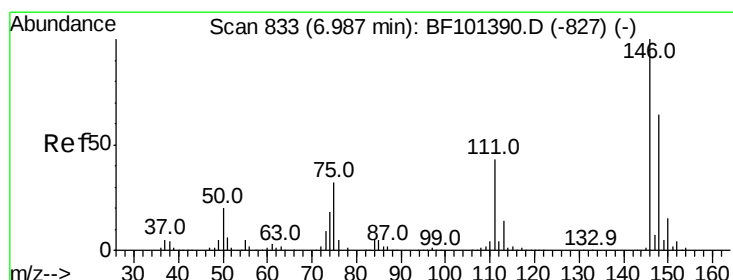
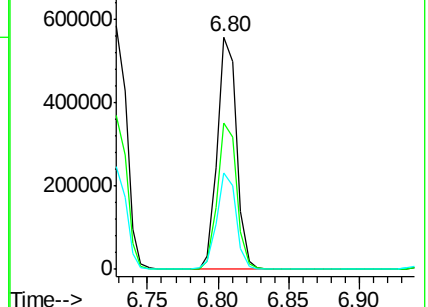
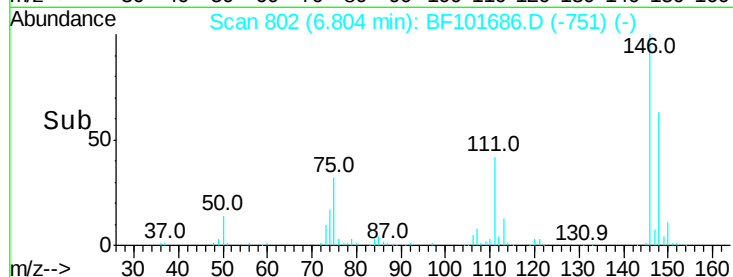
111 41.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.253 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

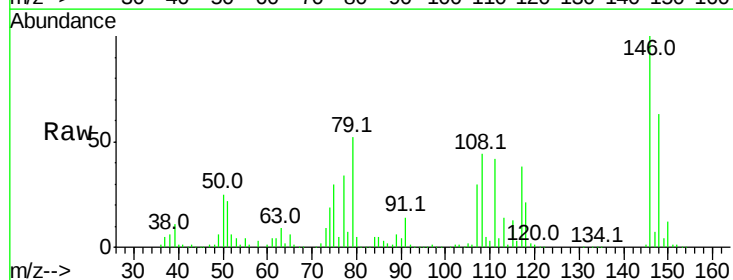
Tgt Ion:146 Resp: 438213

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

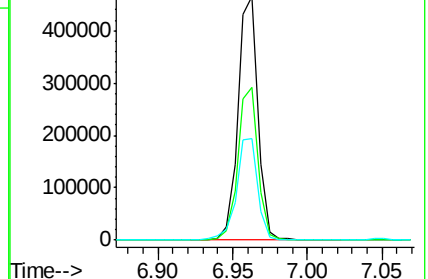
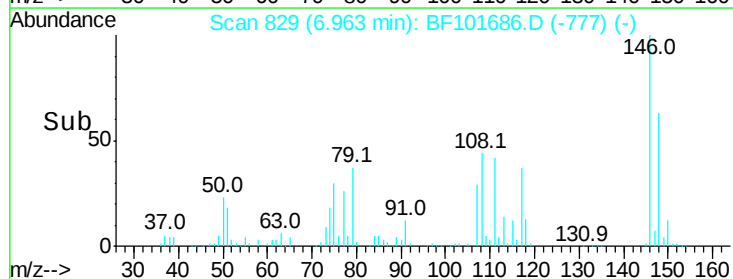
111 41.7 36.0 54.0

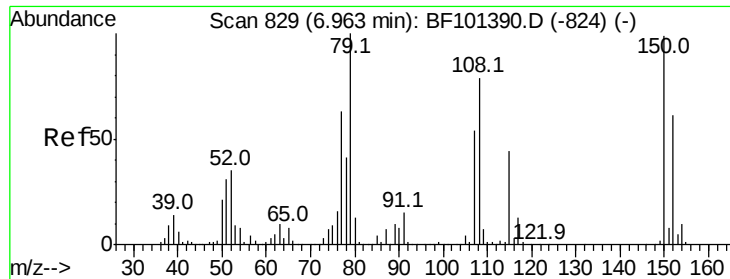


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

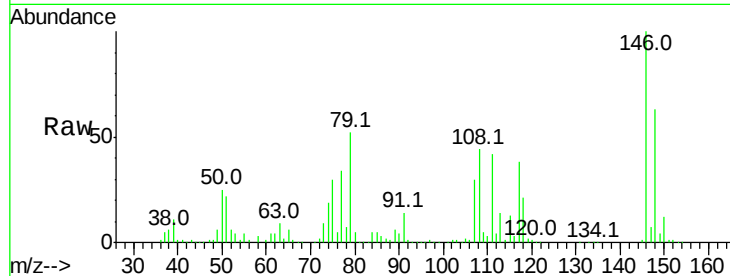




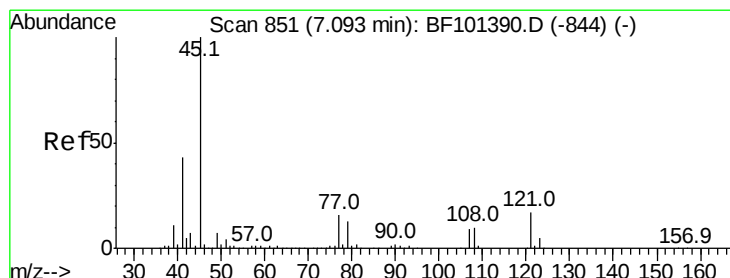
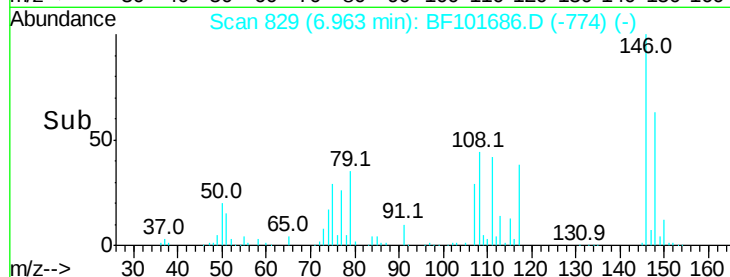
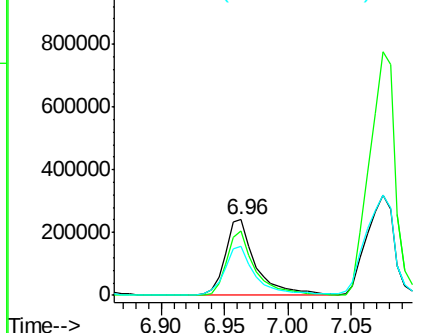
#15
Benzyl Alcohol
Concen: 43.305 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.02 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tot Ion: 79 Resp: 399860
Ion Ratio Lower Upper
79 100
108 84.5 65.1 97.7
77 65.2 50.6 75.8

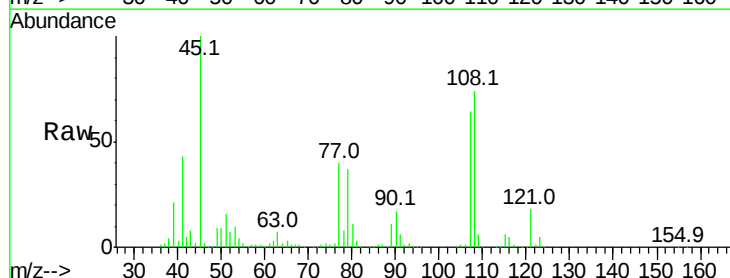


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

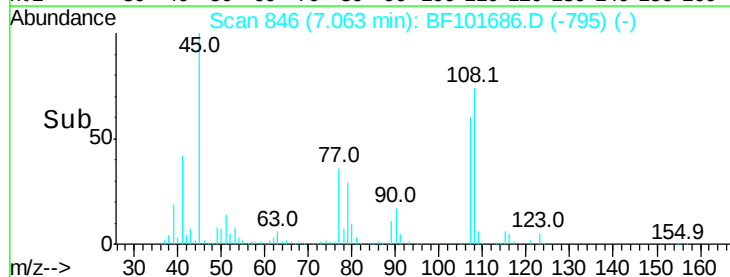
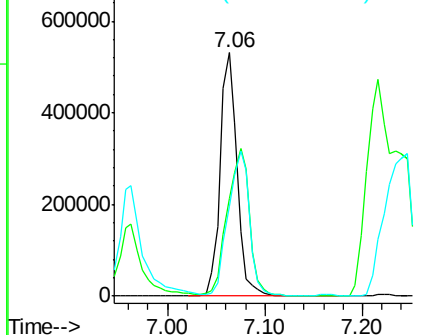


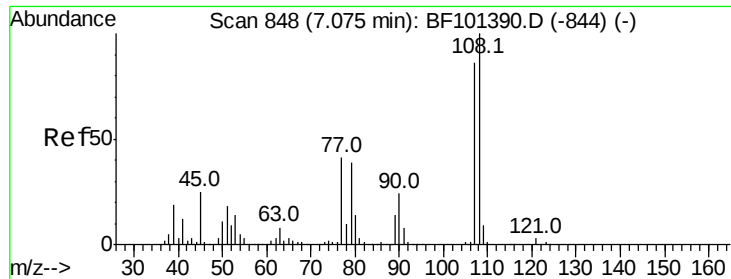
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.565 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion: 45 Resp: 634447
Ion Ratio Lower Upper
45 100
77 40.0 0.0 32.9#
79 37.2 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

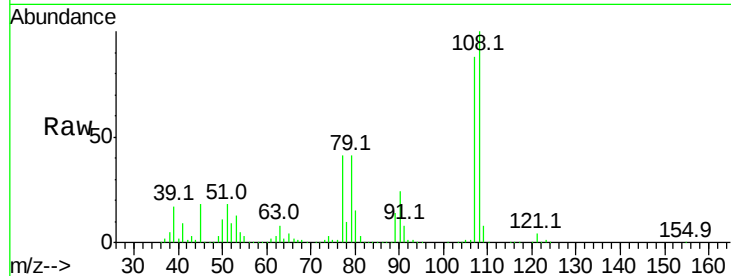




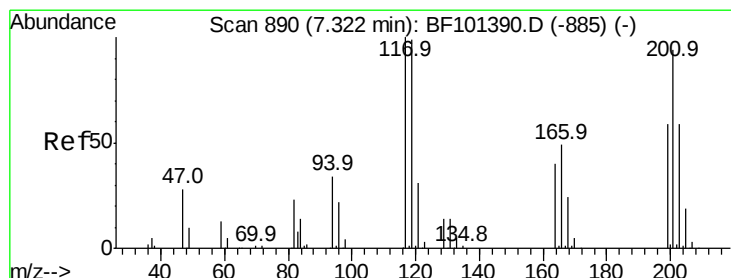
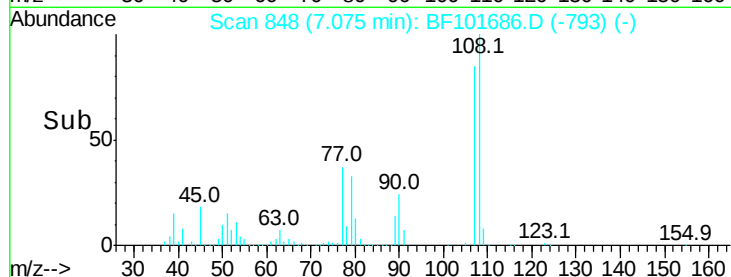
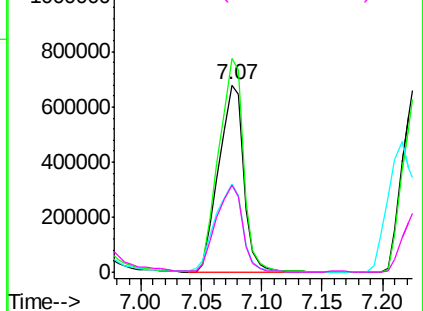
#17
2-Methylphenol
Concen: 92.736 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.02 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tot Ion:107 Resp: 967251
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 47.3 33.8 50.8
79 46.7 33.8 50.8

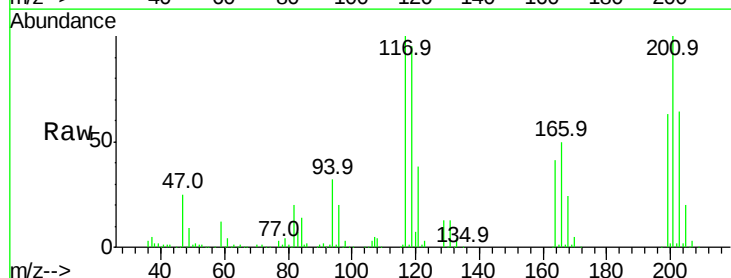


Abundance Ion 107.00 (106.70 to 107.70): E
1200000 Ion 108.00 (107.70 to 108.70): E
1000000 Ion 77.00 (76.70 to 77.70): BF1
800000 Ion 79.00 (78.70 to 79.70): BF1
600000
400000
200000
0

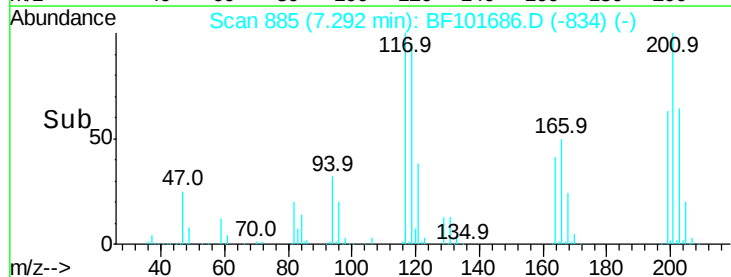
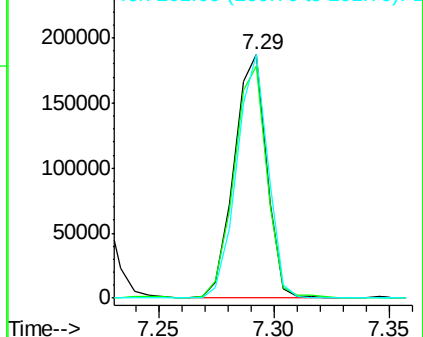


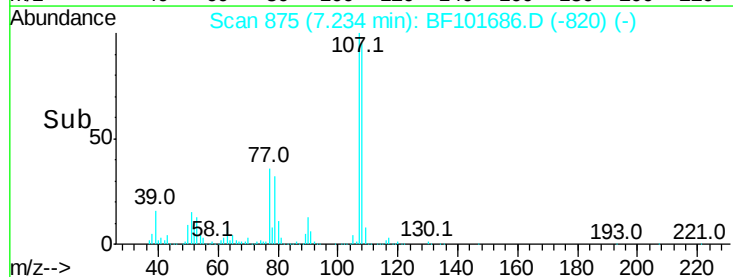
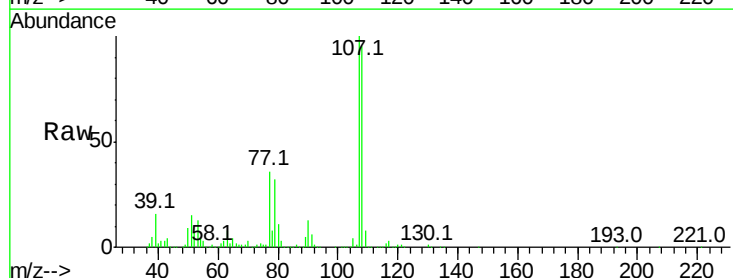
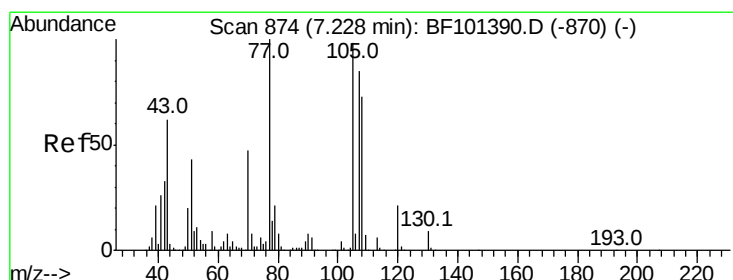
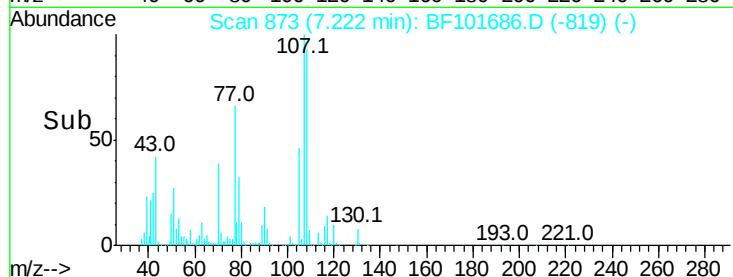
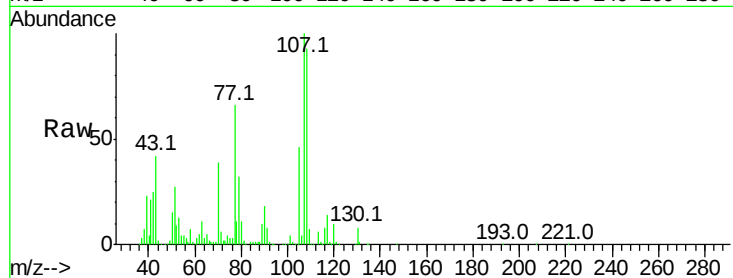
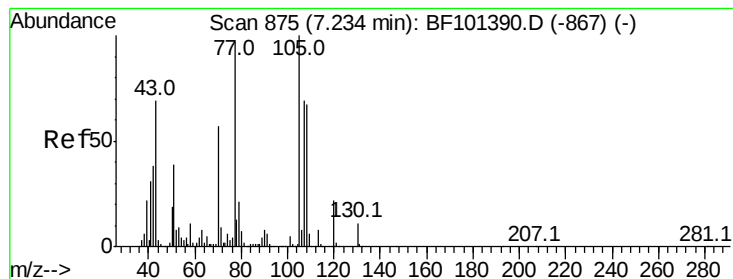
#18
Hexachloroethane
Concen: 40.314 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion:117 Resp: 183172
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 100.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 35.502 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tot Ion: 70 Resp: 312765

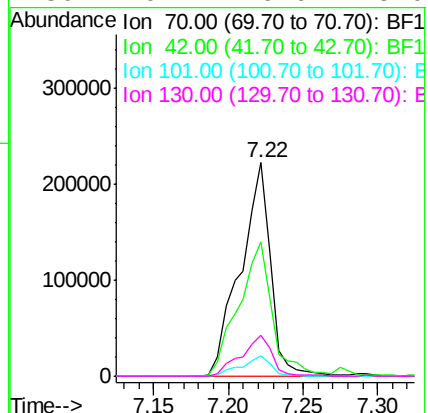
Ion Ratio Lower Upper

70 100

42 63.0 47.5 71.3

101 9.8 7.4 11.2

130 19.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 176.518 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion: 107 Resp: 1950993

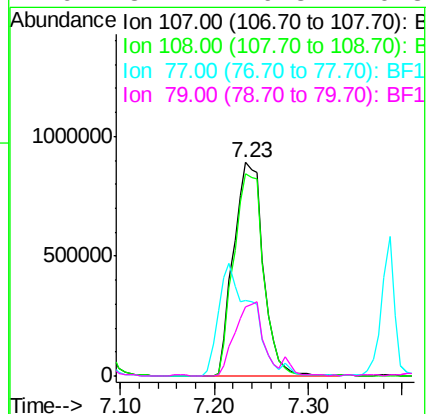
Ion Ratio Lower Upper

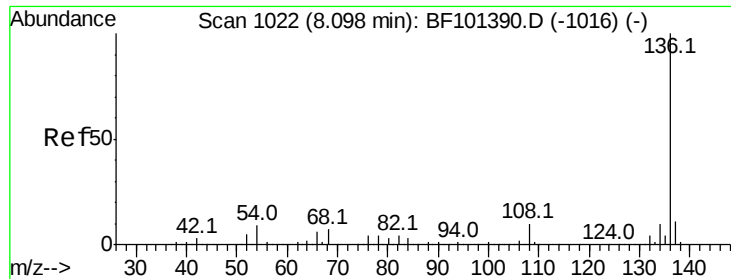
107 100

108 94.7 68.2 108.2

77 35.6 26.7 66.7

79 32.2 6.3 46.3

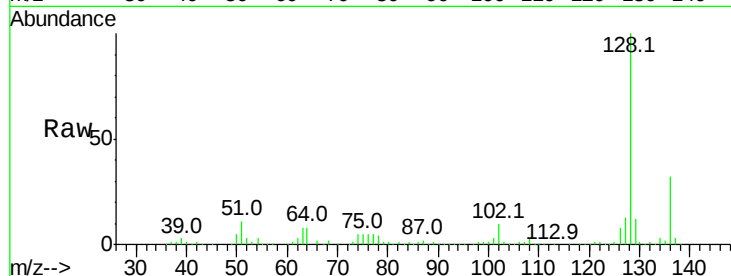




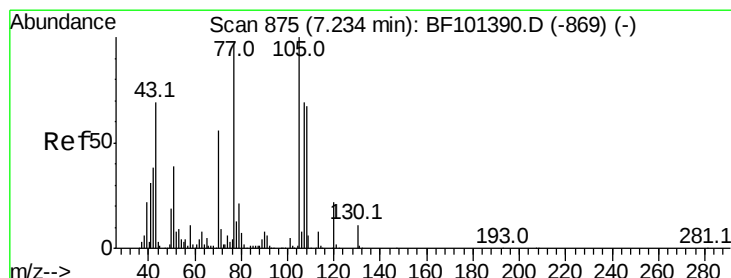
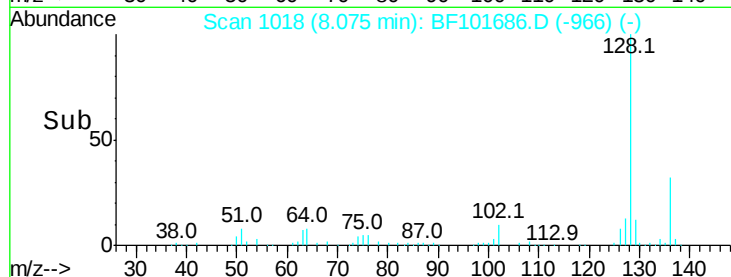
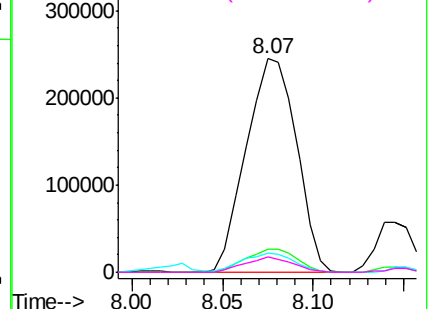
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tot Ion:136	Resp:	473767
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	8.7	6.6 9.8
68	7.0	5.0 7.4

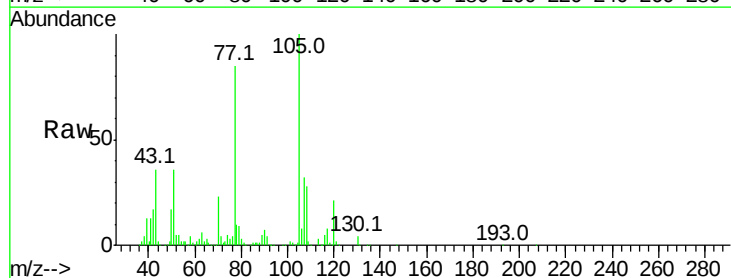


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

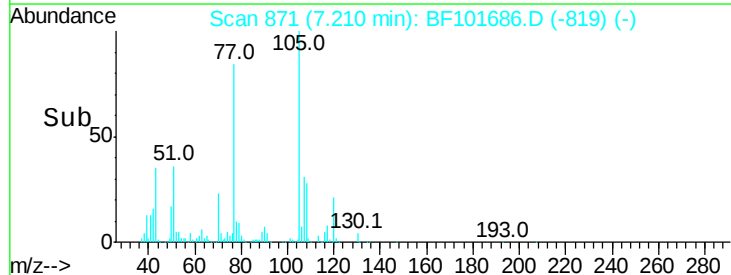
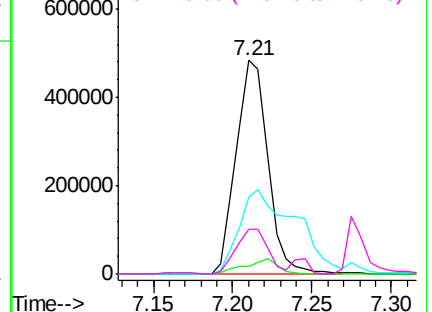


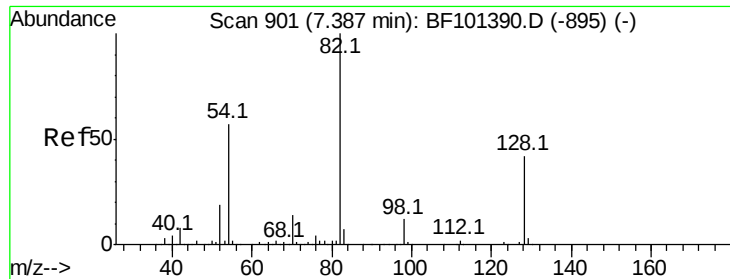
#22
Acetophenone
Concen: 62.229 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion:105	Resp:	672710
Ion Ratio	Lower	Upper
105	100	
71	3.7	4.4 6.6#
51	36.2	22.3 33.5#
120	20.9	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



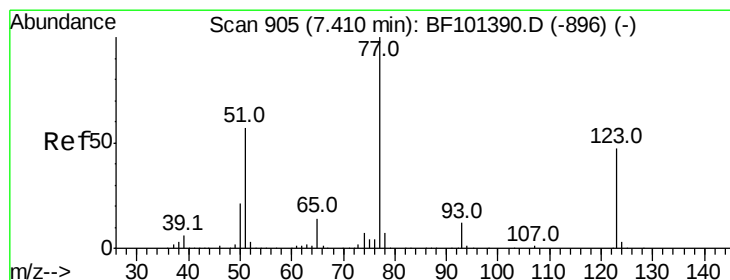
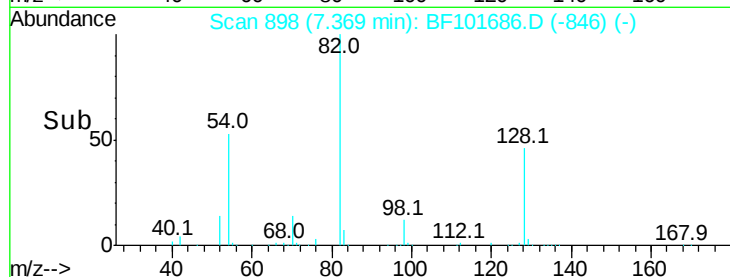
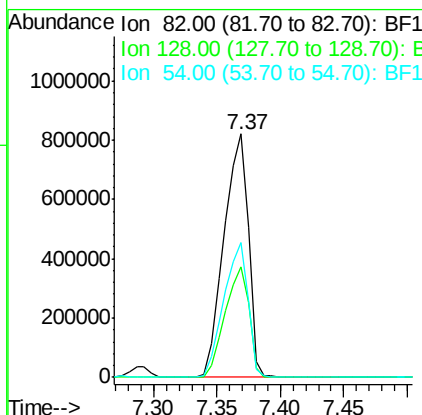
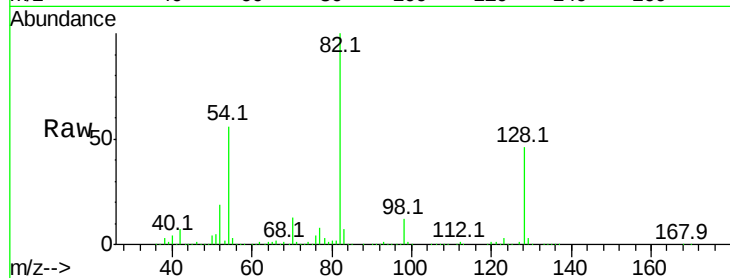


#23
 Nitrobenzene-d5
 Concen: 128.688 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tot Ion: 82 Resp: 1095257

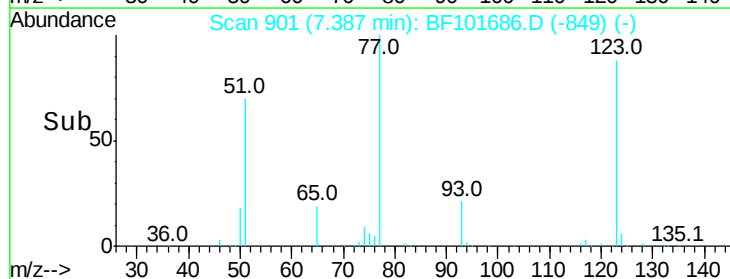
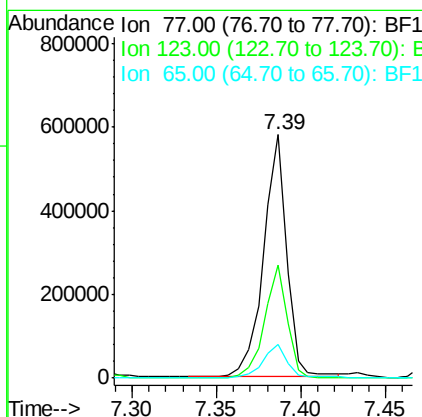
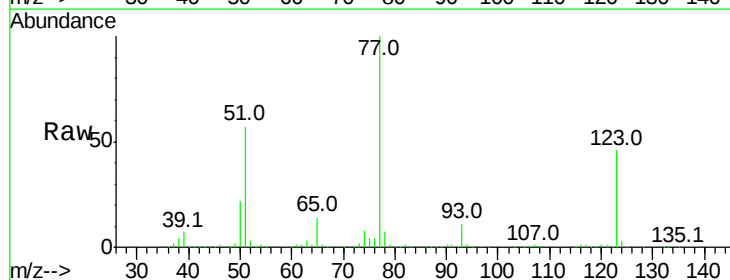
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	55.6	41.4	62.2

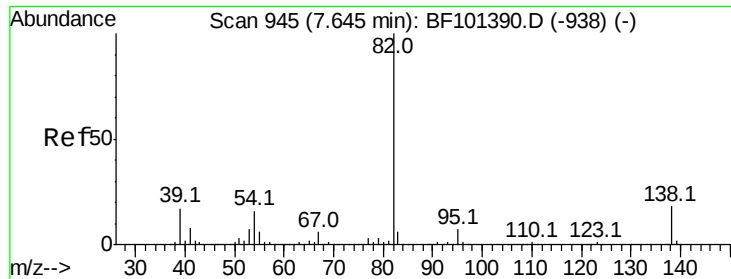


#24
 Nitrobenzene
 Concen: 58.885 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion: 77 Resp: 554663

Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 61.105 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

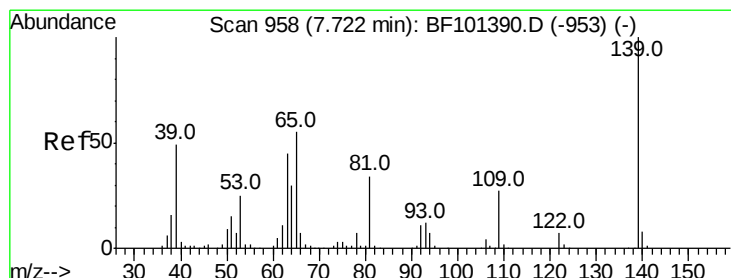
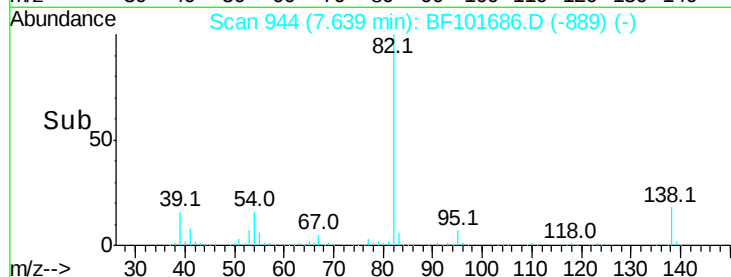
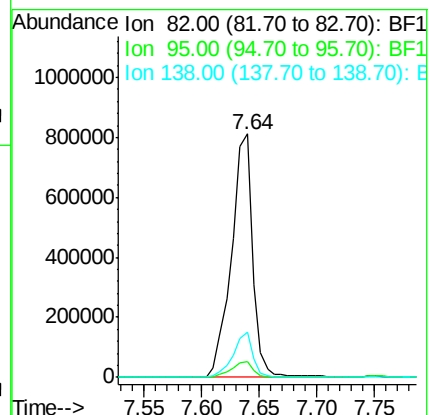
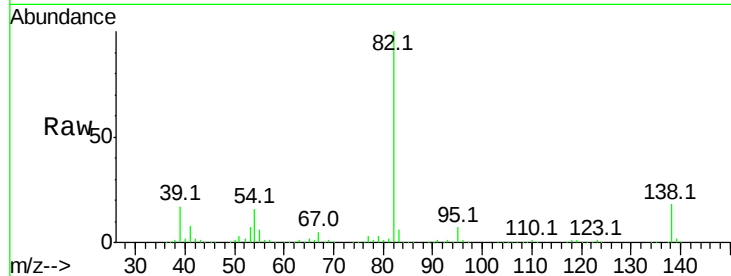
Tot Ion: 82 Resp: 1043273

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 66.960 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

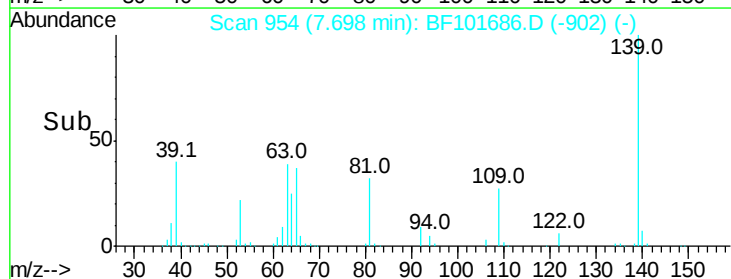
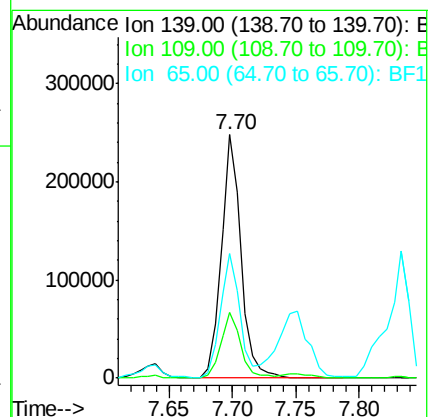
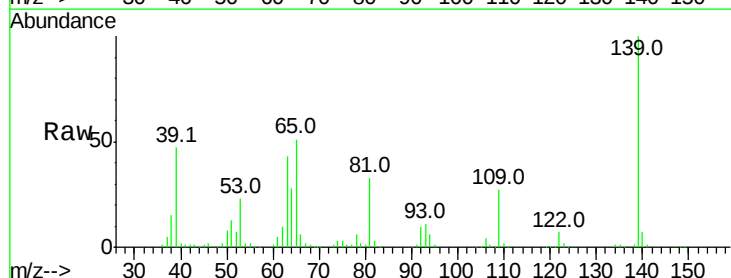
Tgt Ion: 139 Resp: 270971

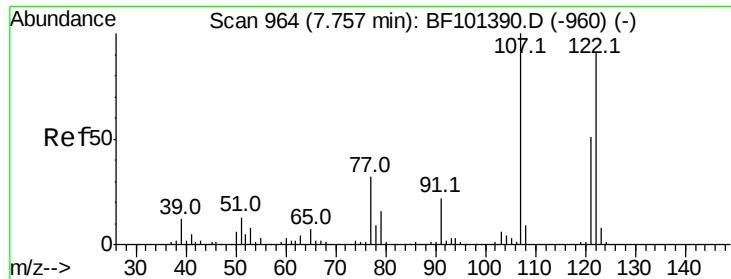
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 51.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 161.976 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

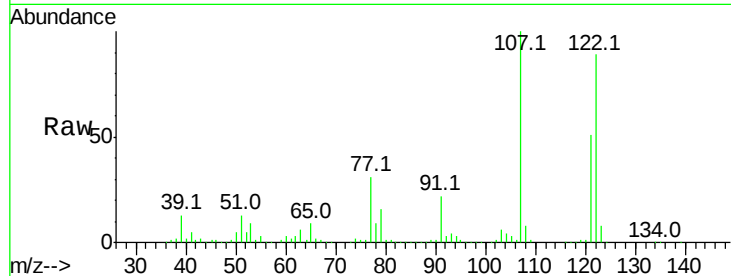
Tot Ion:122 Resp: 1113566

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

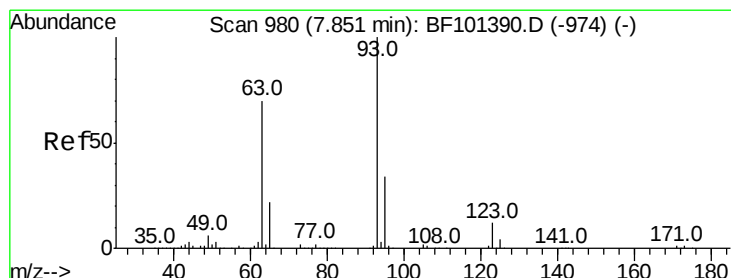
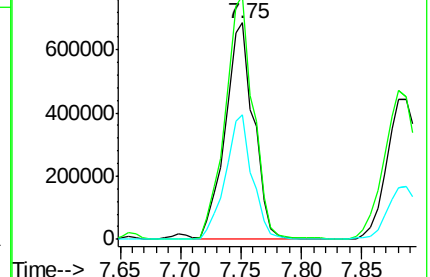
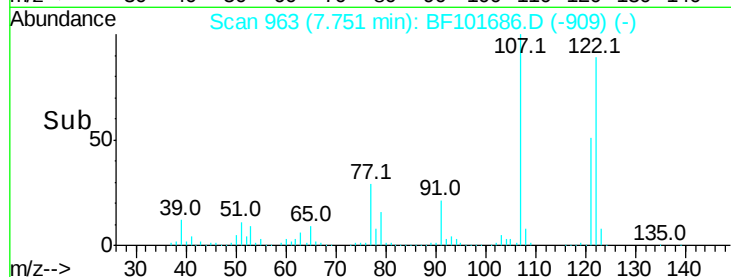
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 61.636 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

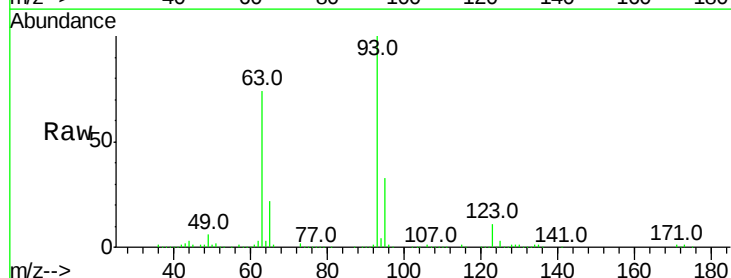
Tgt Ion: 93 Resp: 668471

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

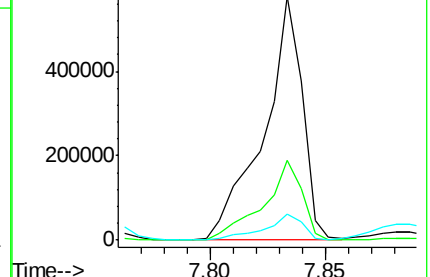
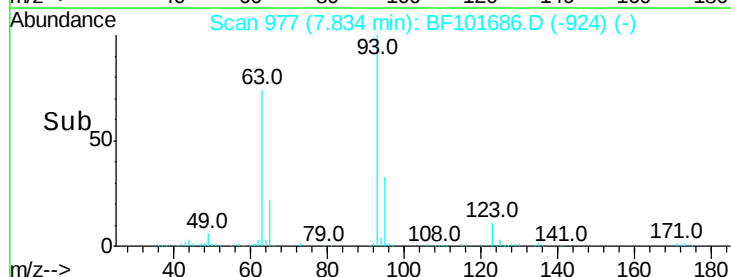
123 10.8 9.8 14.6

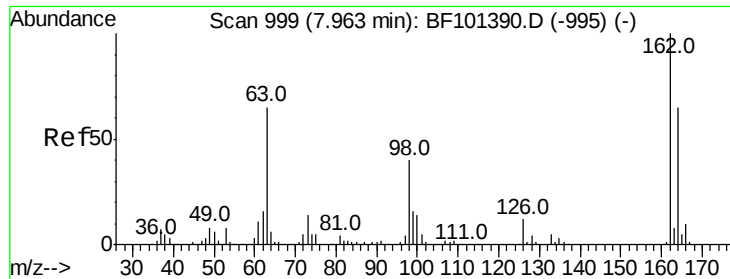


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

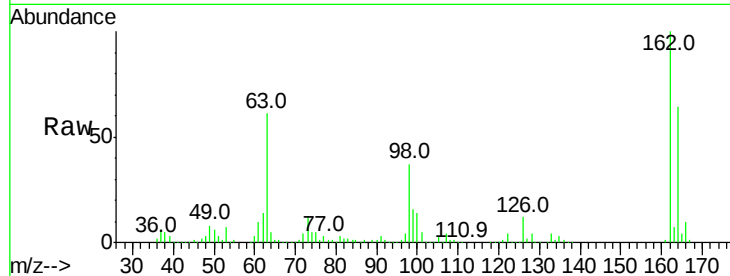




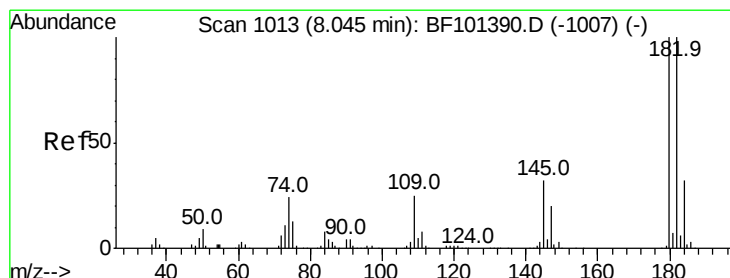
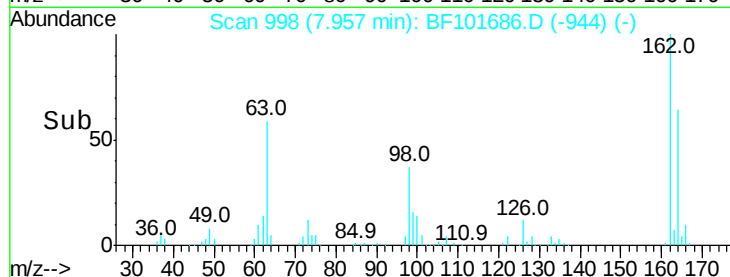
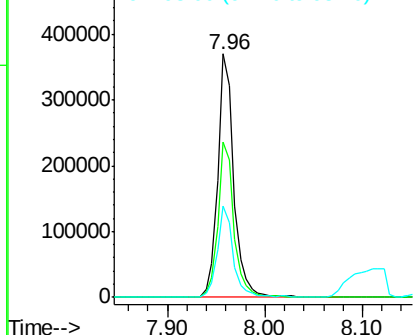
#29
 2,4-Dichlorophenol
 Concen: 62.283 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.02 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	37.4	18.1	58.1

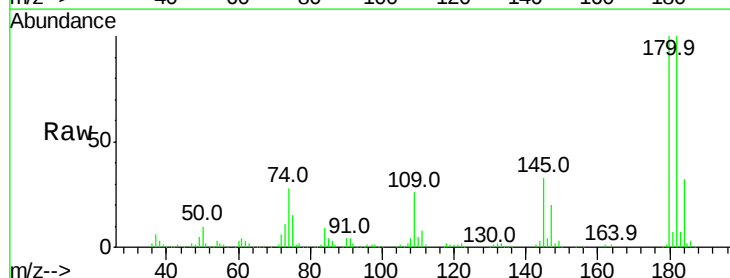


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

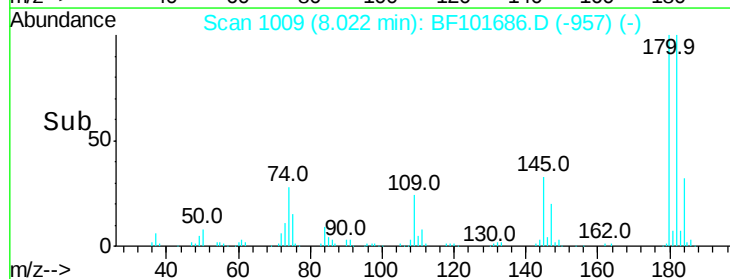
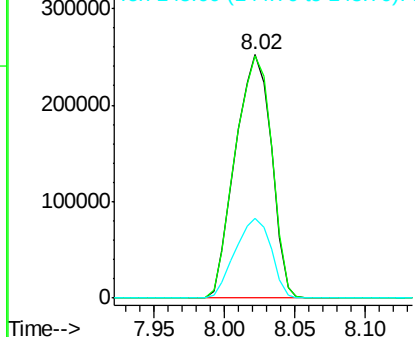


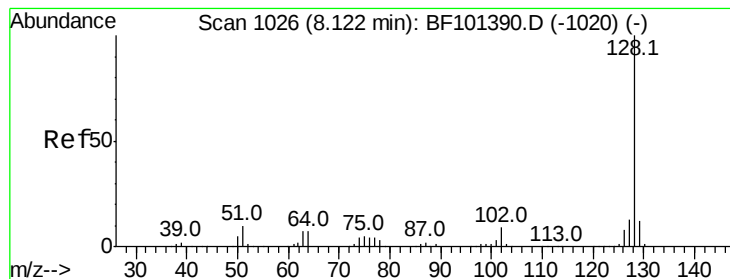
#30
 1,2,4-Trichlorobenzene
 Concen: 63.134 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.8	115.2
145	32.8	26.5	39.7



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





#31

Naphthalene

Concen: 309.812 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

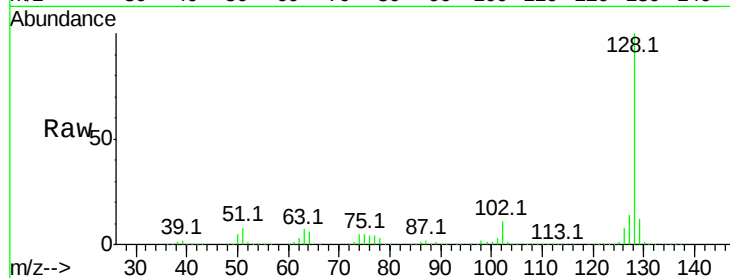
Tot Ion:128 Resp: 7389373

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

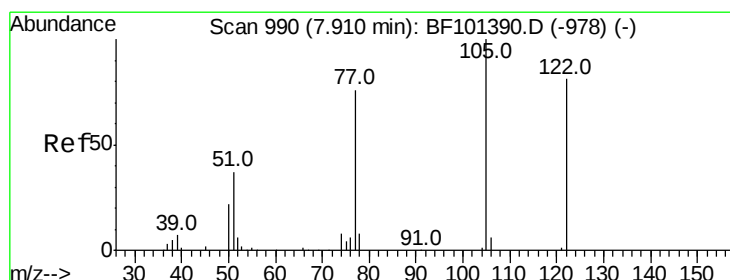
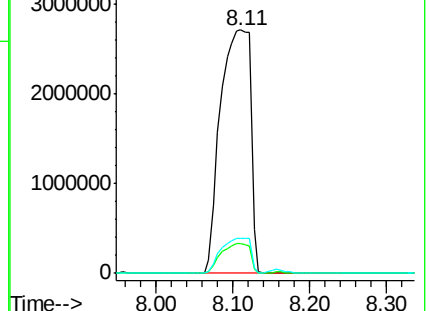
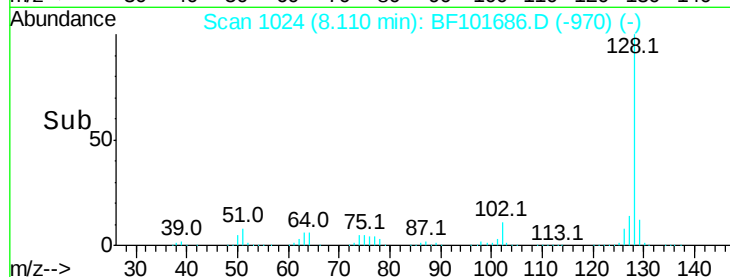
127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 162.901 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

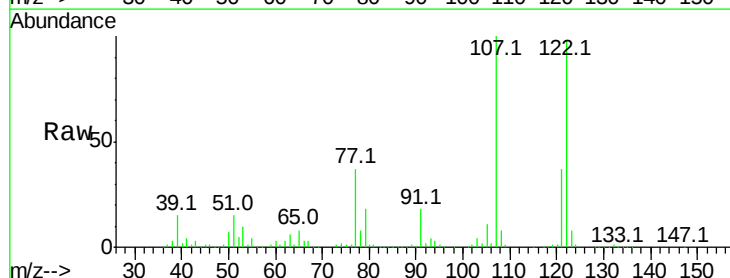
Tgt Ion:122 Resp: 860436

Ion Ratio Lower Upper

122 100

105 11.4 101.1 141.1#

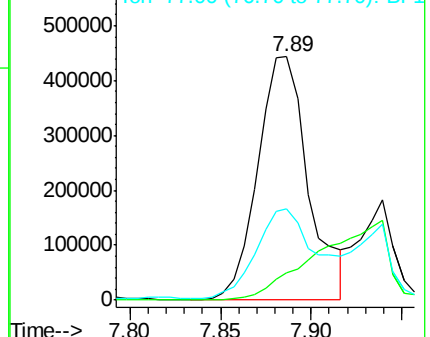
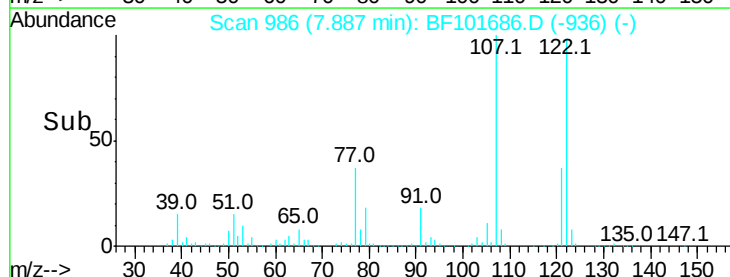
77 37.3 70.7 110.7#

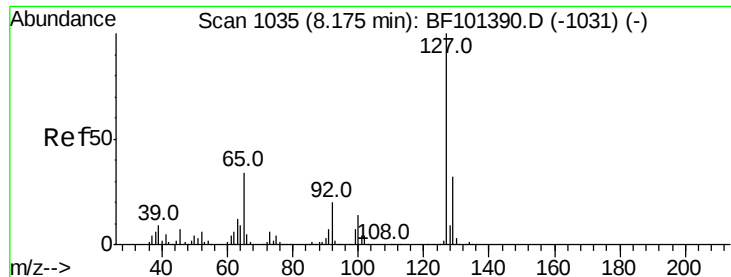


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

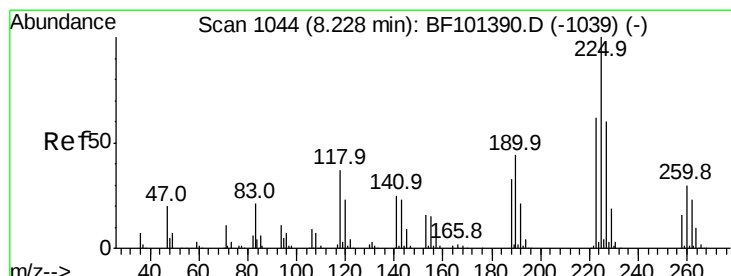
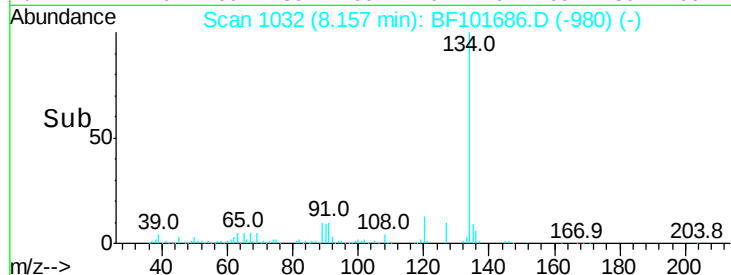
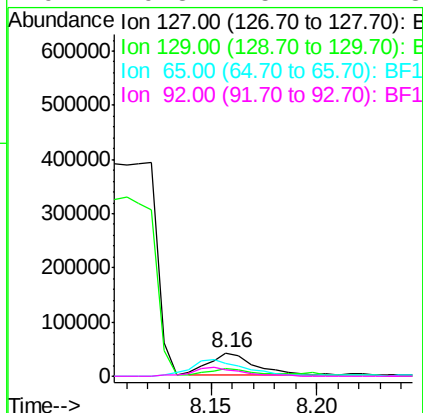
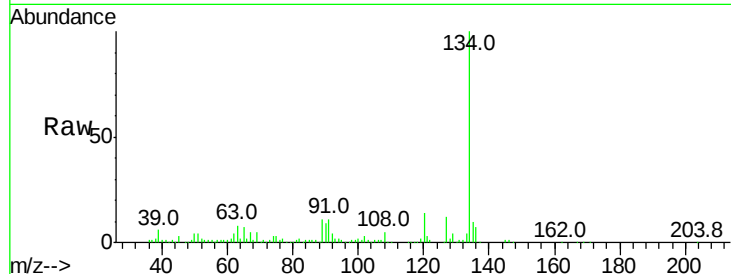




#33
 4-Chloroaniline
 Concen: 5.555 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

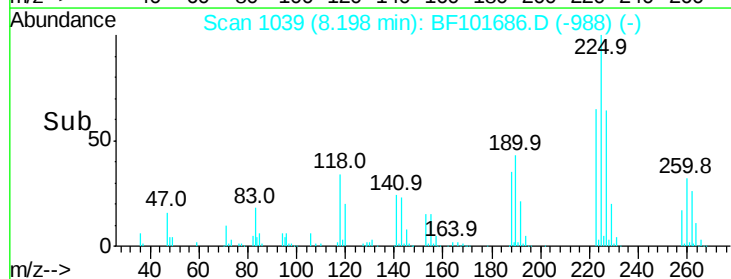
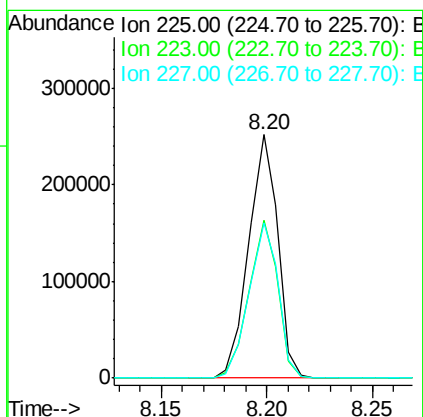
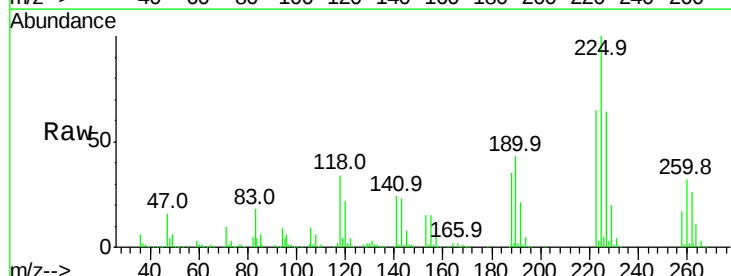
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

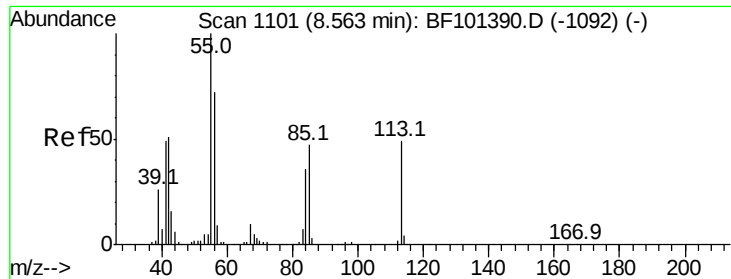
Tot Ion:	127	Resp:	57589
Ion	Ratio	Lower	Upper
127	100		
129	35.2	25.9	38.9
65	56.9	25.0	37.4
92	29.8	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 58.313 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:	225	Resp:	241742
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	63.8	51.9	77.9





#35

Caprolactam

Concen: 53.130 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

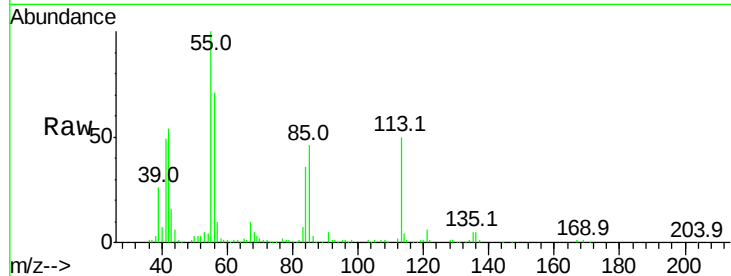
Tot Ion:113 Resp: 125303

Ion Ratio Lower Upper

113 100

55 201.8 163.3 203.3

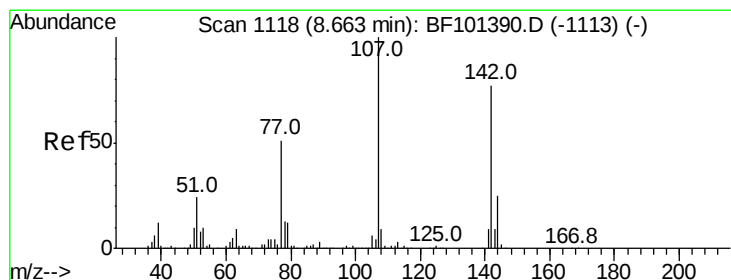
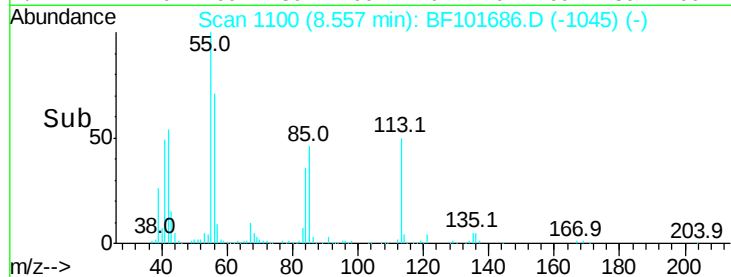
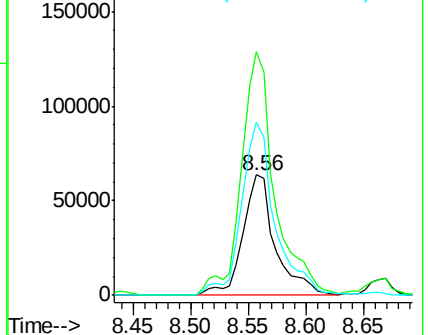
56 143.8 115.7 155.7



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: 60.409 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.03 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

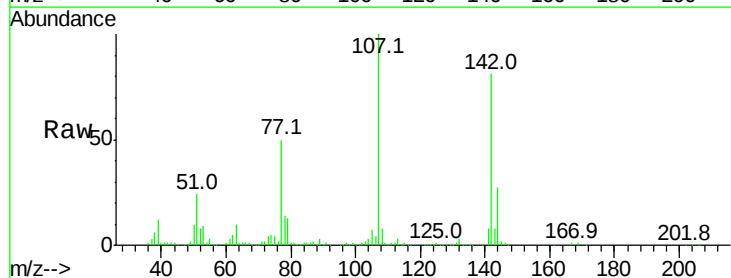
Tgt Ion:107 Resp: 450969

Ion Ratio Lower Upper

107 100

144 27.3 20.5 30.7

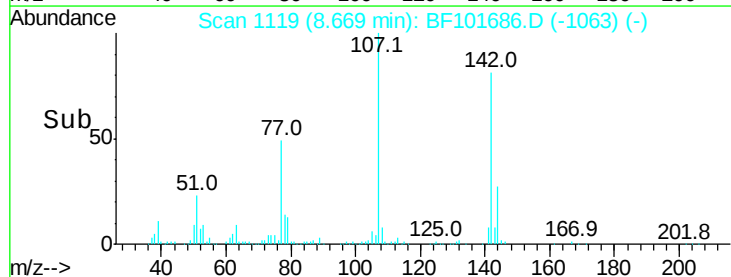
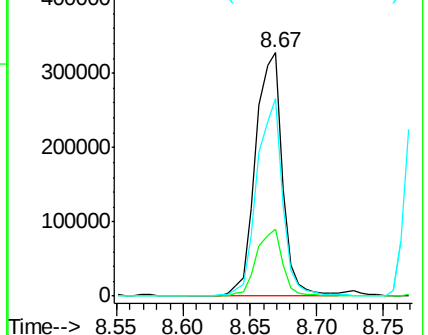
142 81.2 62.0 93.0

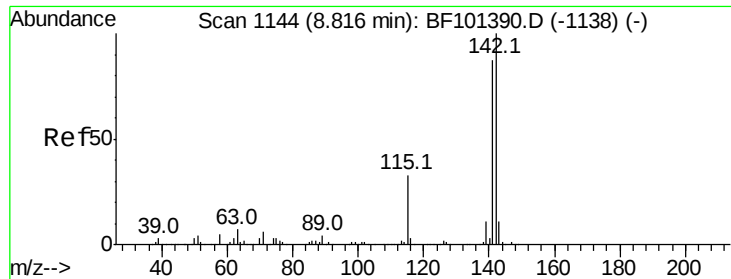


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

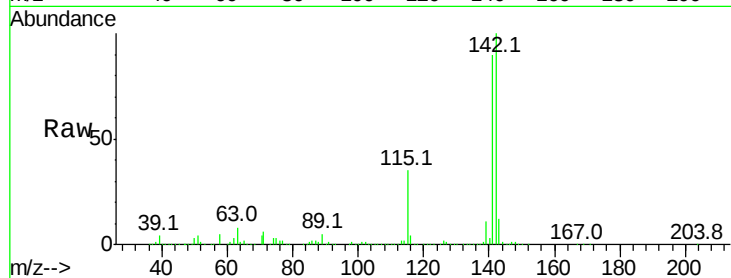




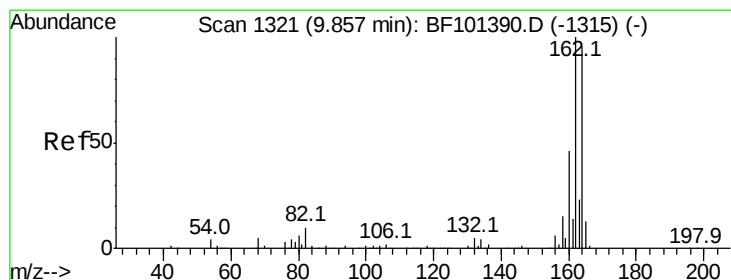
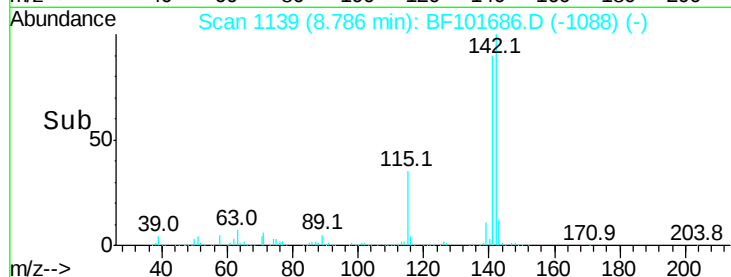
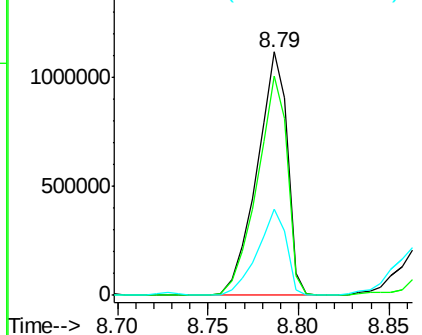
#37
 2-Methylnaphthalene
 Concen: 83.384 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tot Ion:142 Resp: 1295746
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.8 106.2
 115 35.2 26.1 39.1

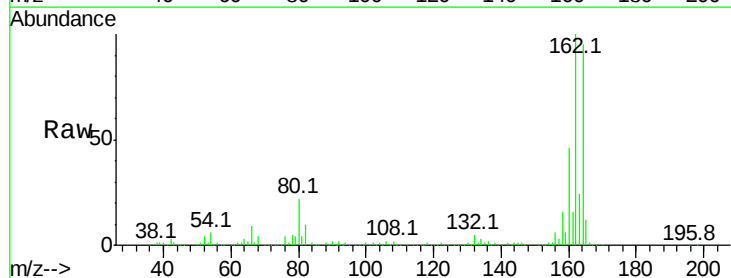


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

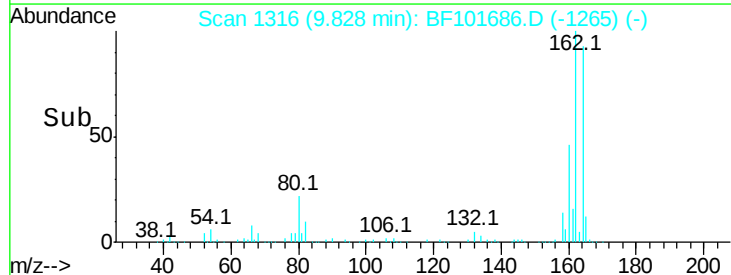
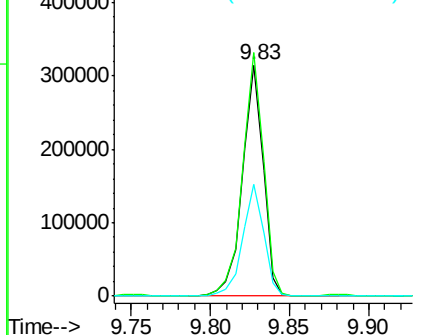


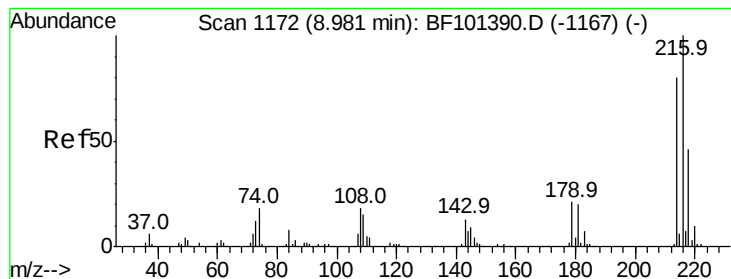
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:164 Resp: 285360
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 48.6 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: 45.457 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tot Ion:216 Resp: 437951

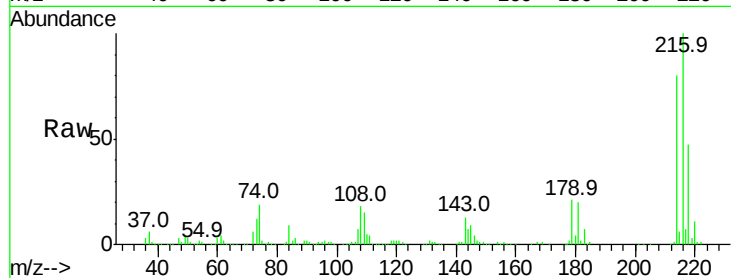
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.5 18.1 27.1

108 18.0 17.2 25.8

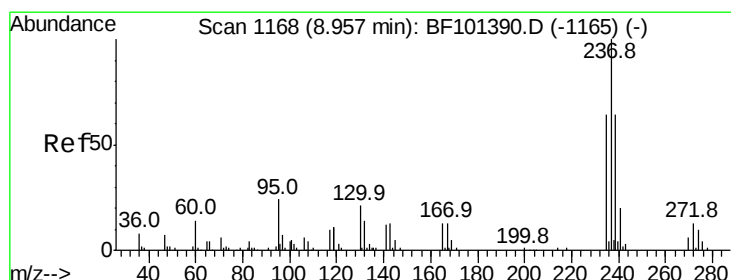
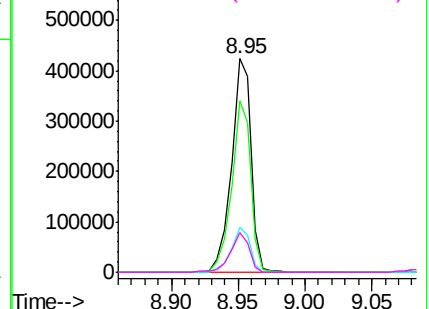
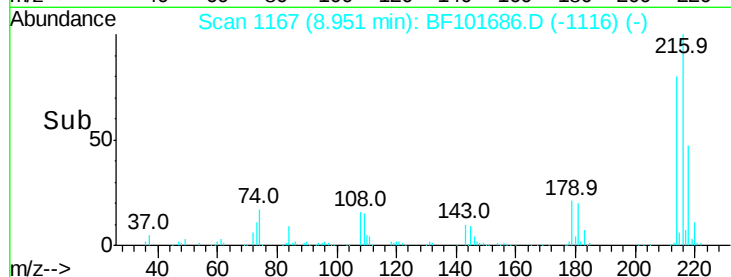


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 31.148 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

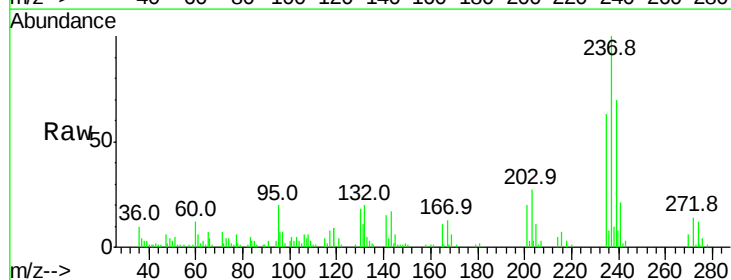
Tgt Ion:237 Resp: 33312

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

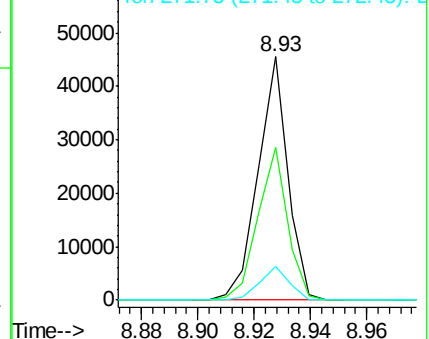
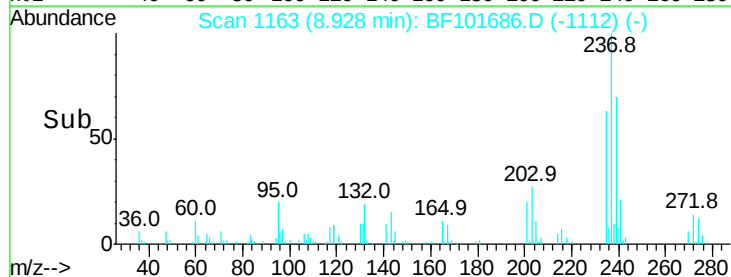
272 13.8 0.0 33.3

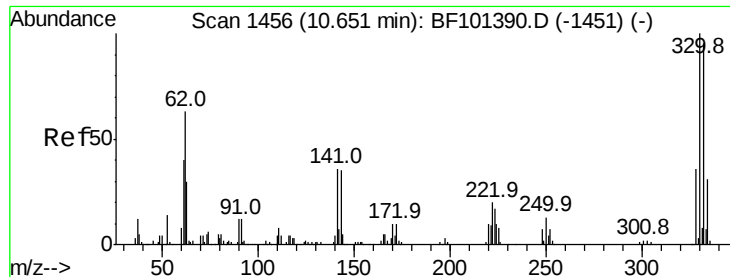


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

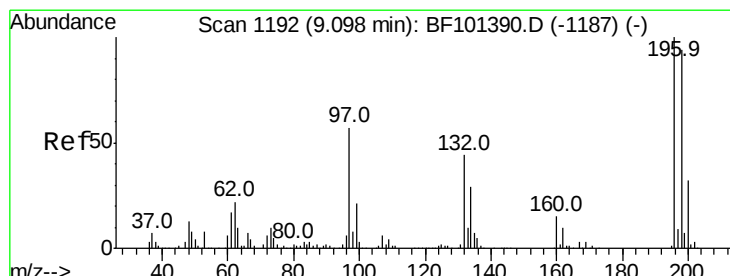
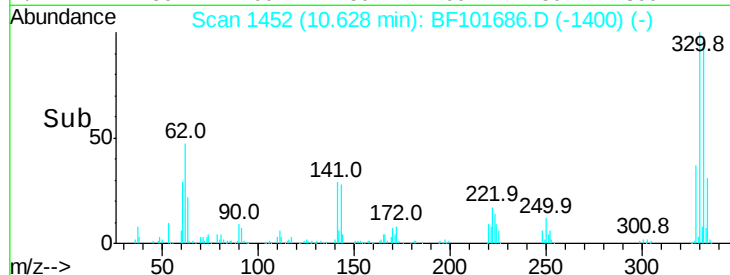
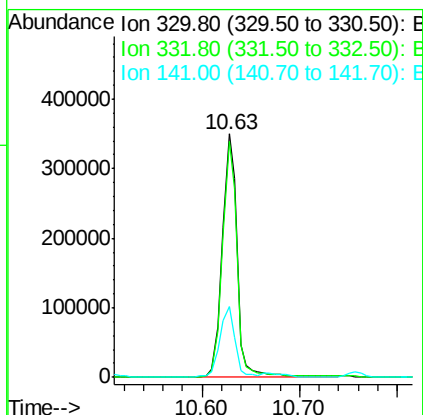
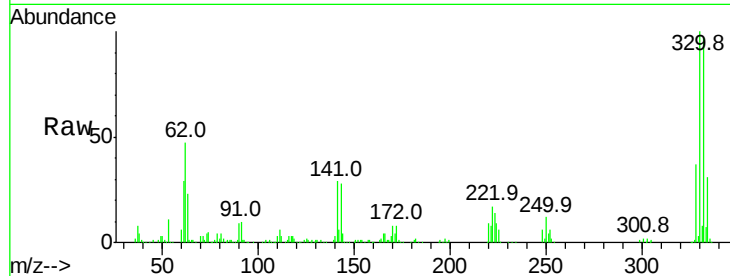




#41
 2,4,6-Tribromophenol
 Concen: 135.711 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

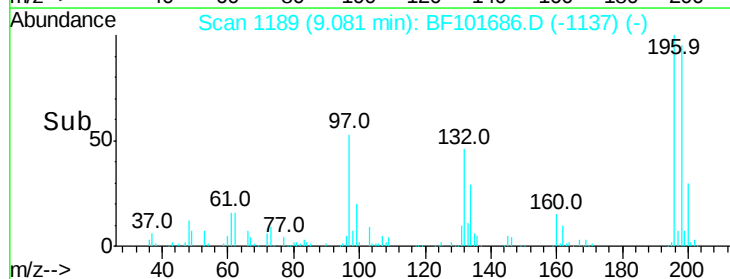
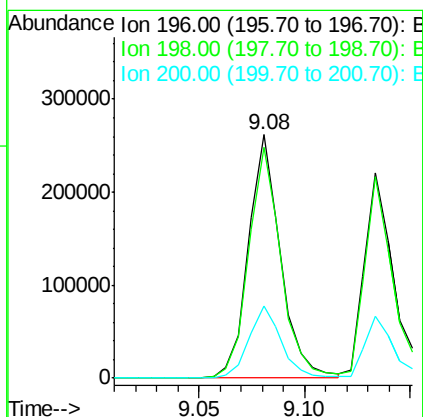
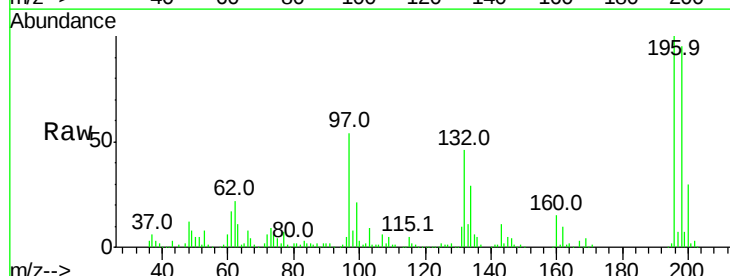
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tot Ion:330 Resp: 373159
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 30.0 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 47.728 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:196 Resp: 276835
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 29.5 24.5 36.7

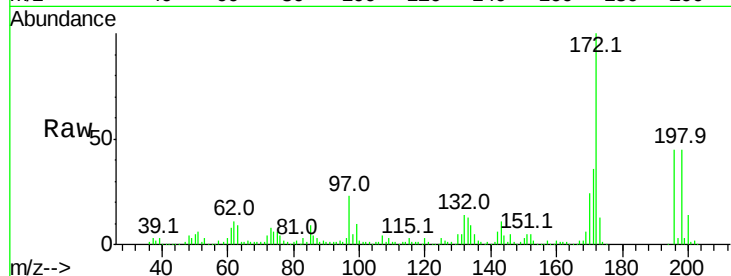




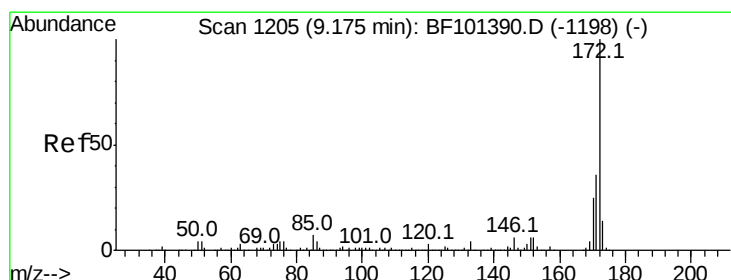
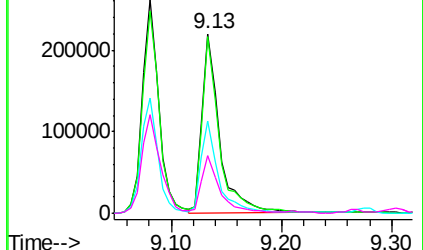
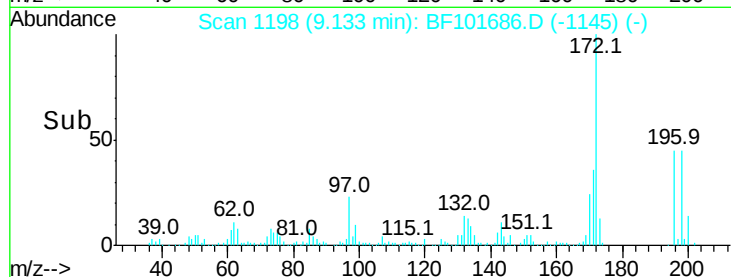
#43
 2,4,5-Trichlorophenol
 Concen: 37.438 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tot Ion:	196	Resp:	237767
Ion	Ratio	Lower	Upper
196	100		
198	98.3	74.6	112.0
97	51.3	42.9	64.3
132	31.8	26.3	39.5

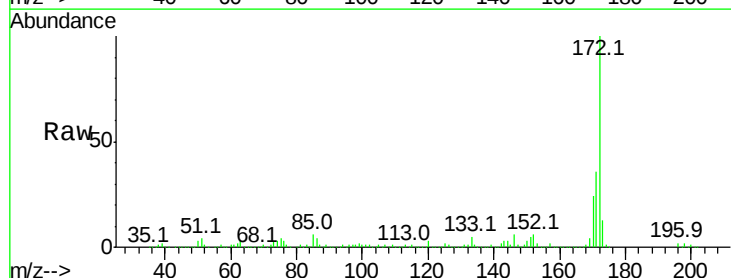


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

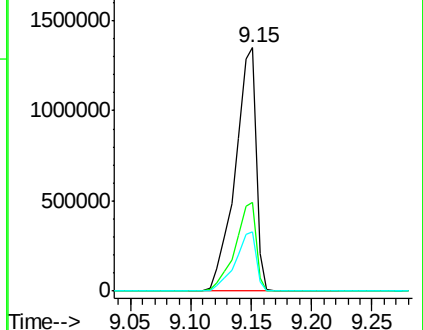
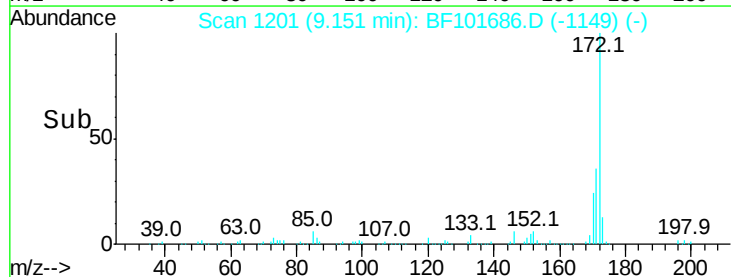


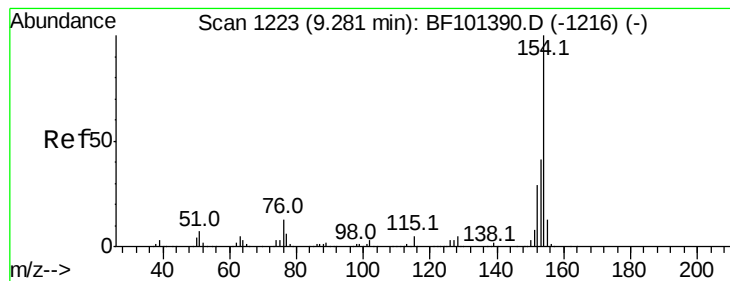
#44
 2-Fluorobiphenyl
 Concen: 88.897 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:	172	Resp:	1635308
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	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: 46.323 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

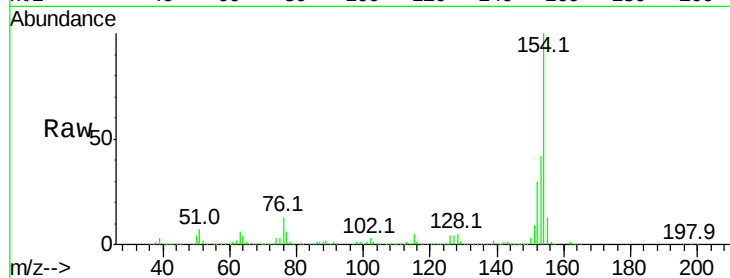
Tot Ion:154 Resp: 1172305

Ion Ratio Lower Upper

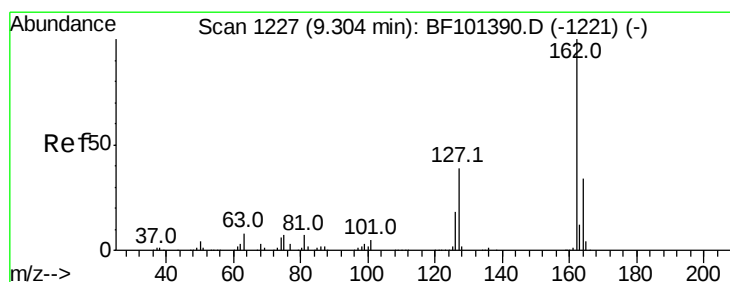
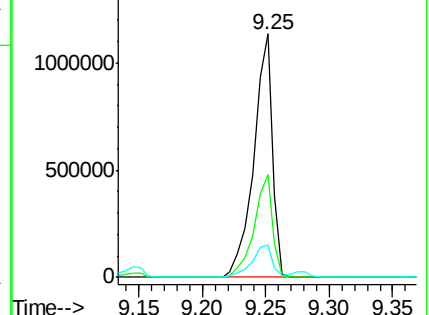
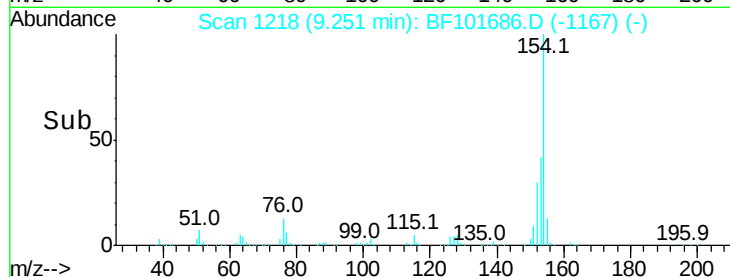
154 100

153 42.4 21.3 61.3

76 13.4 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: 42.464 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

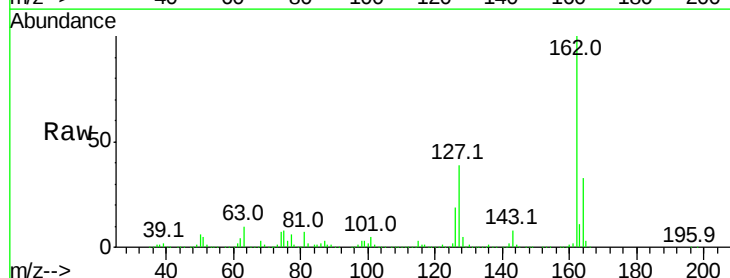
Tgt Ion:162 Resp: 822277

Ion Ratio Lower Upper

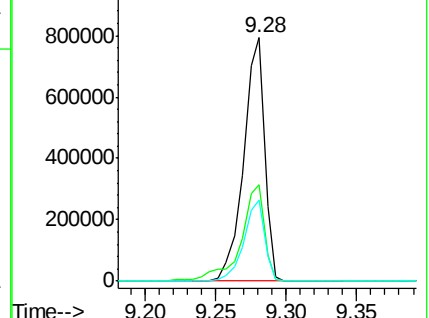
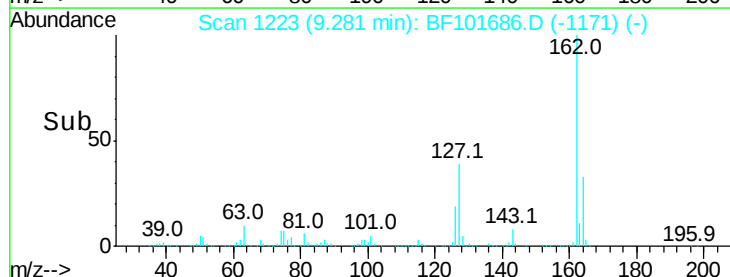
162 100

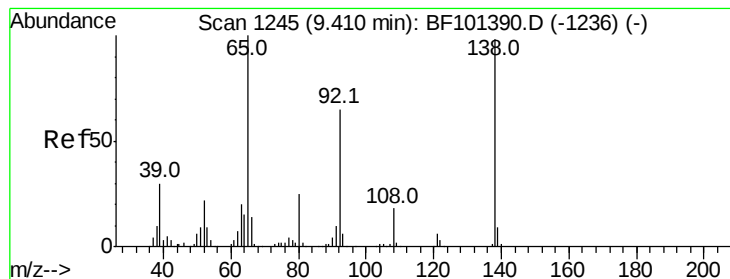
127 39.5 33.9 50.9

164 33.4 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: 46.002 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

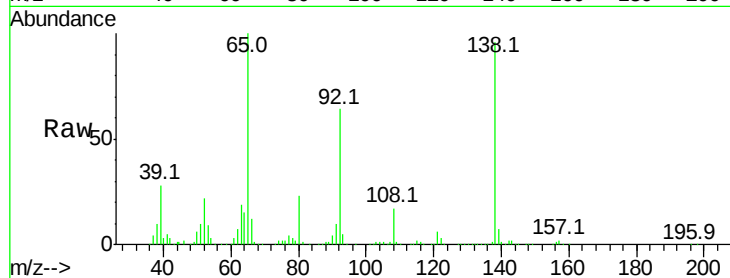
Tot Ion: 65 Resp: 307724

Ion Ratio Lower Upper

65 100

92 63.8 55.8 83.6

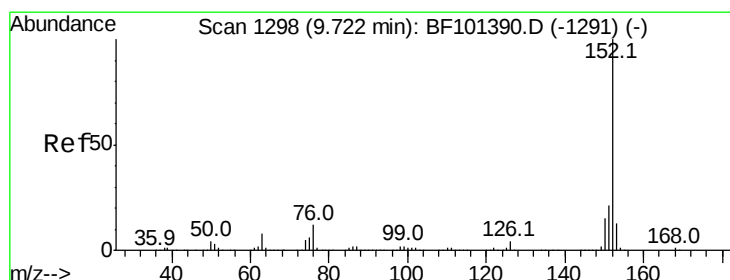
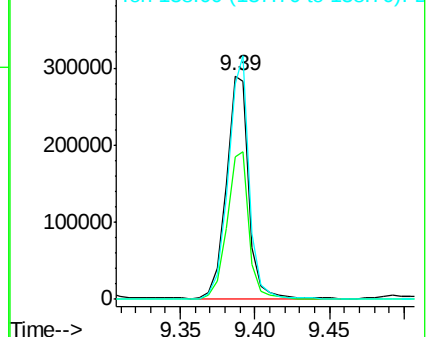
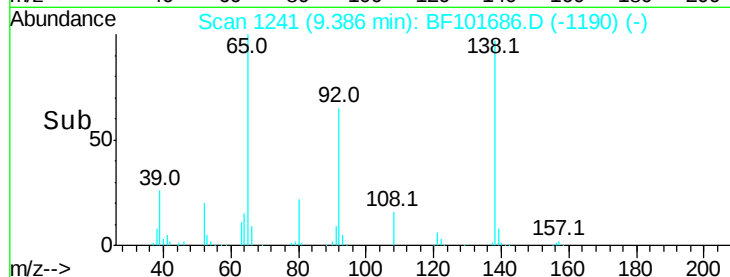
138 96.1 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 54.036 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

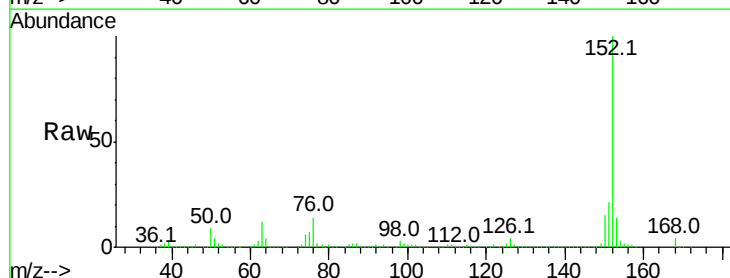
Tgt Ion: 152 Resp: 1652687

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

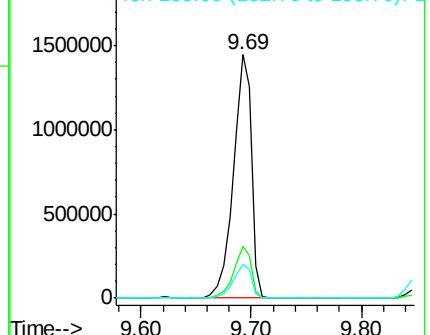
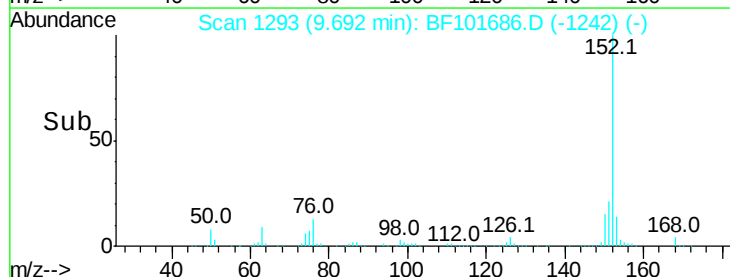
153 13.7 10.7 16.1

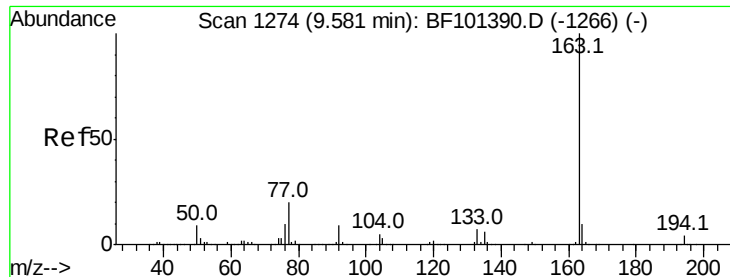


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

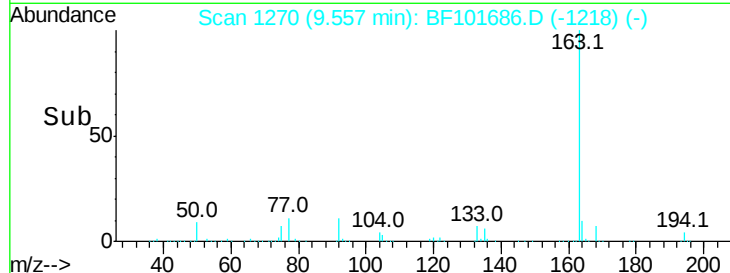
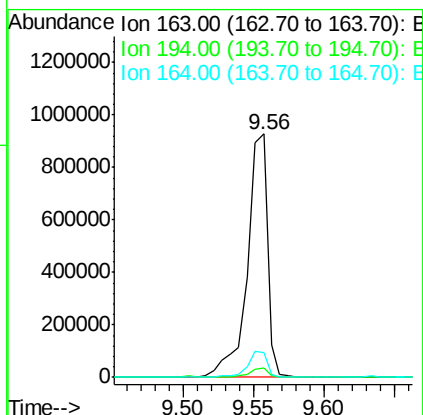
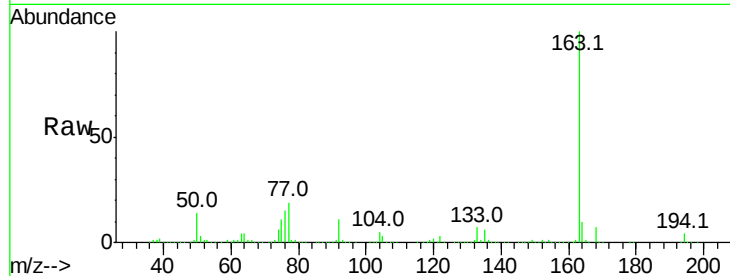




#49
Dimethylphthalate
Concen: 40.563 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

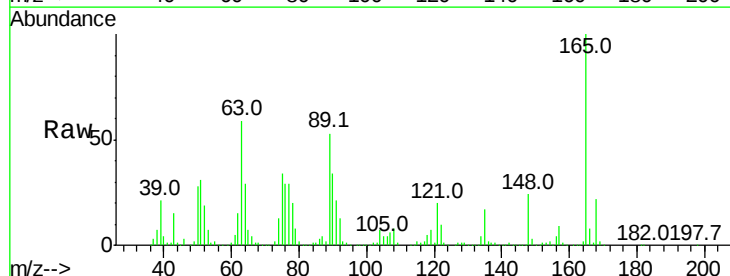
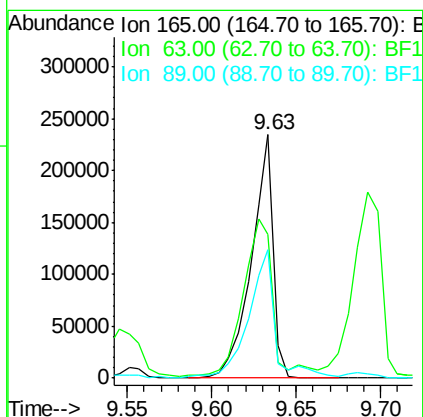
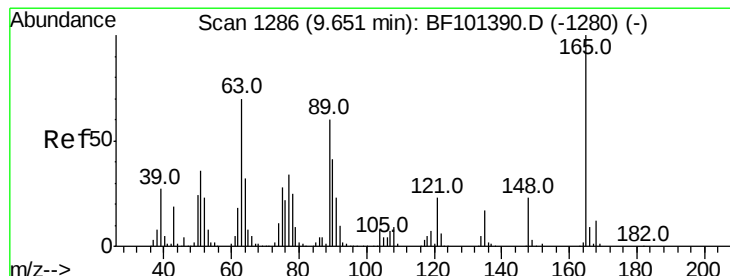
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

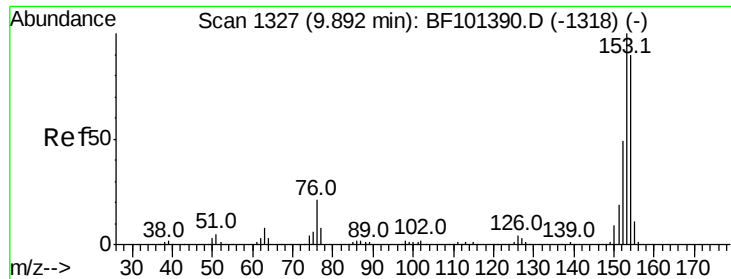
Tot Ion:163 Resp: 931046
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 45.228 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion:165 Resp: 210993
Ion Ratio Lower Upper
165 100
63 59.2 44.7 67.1
89 52.6 44.0 66.0





#51

Acenaphthene

Concen: 45.459 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

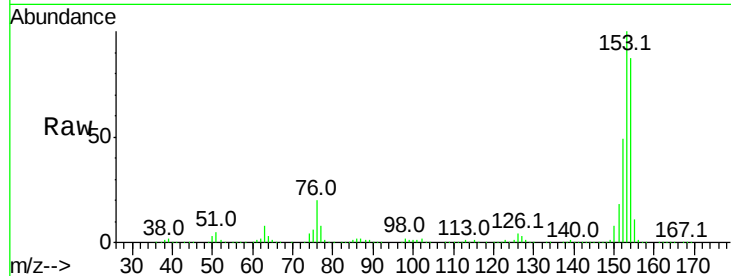
Tot Ion:154 Resp: 835331

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

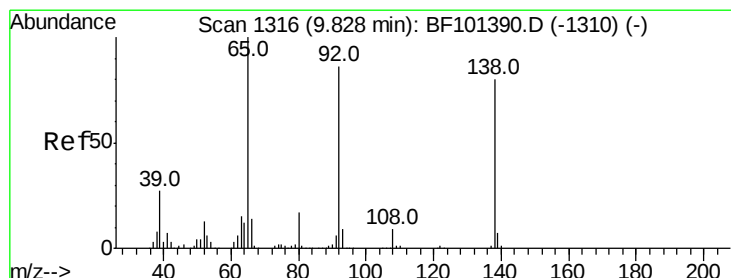
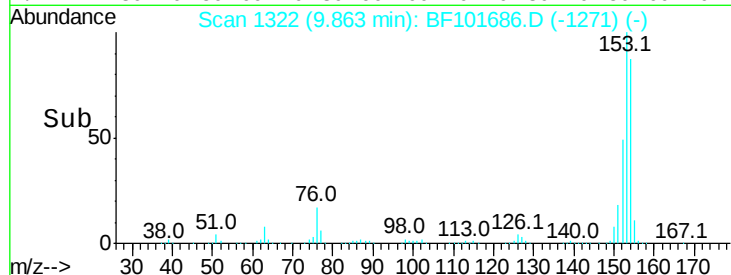
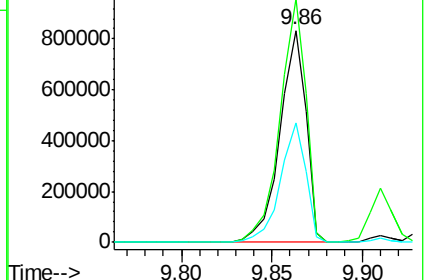
152 56.4 43.8 65.8



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: 13.011 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

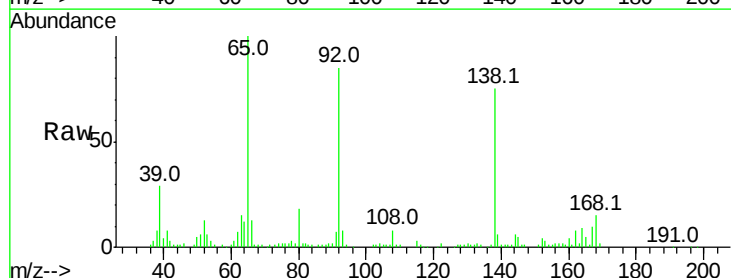
Tgt Ion:138 Resp: 75673

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

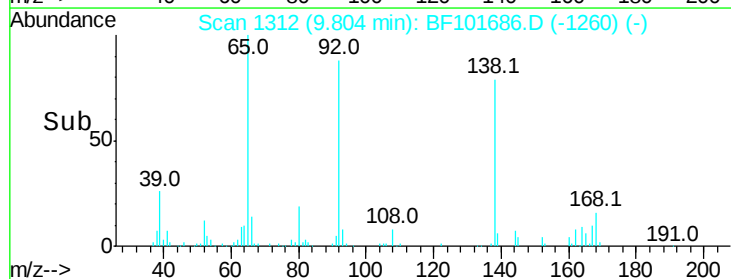
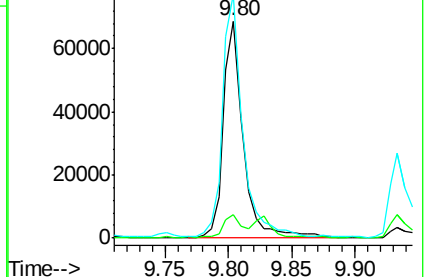
92 112.3 89.4 134.2

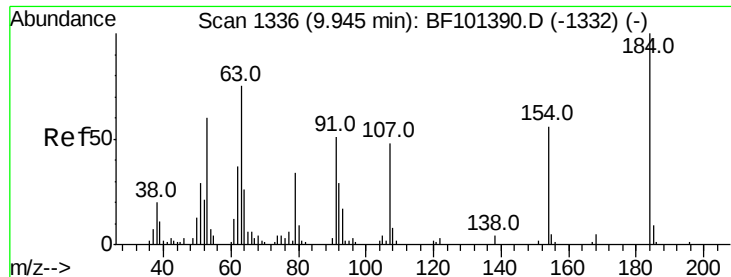


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

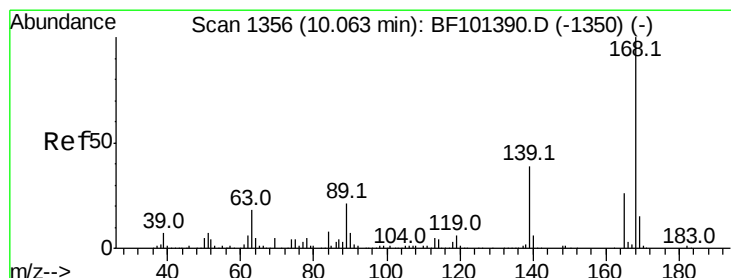
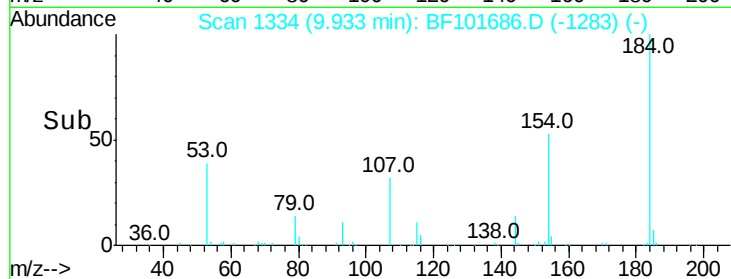
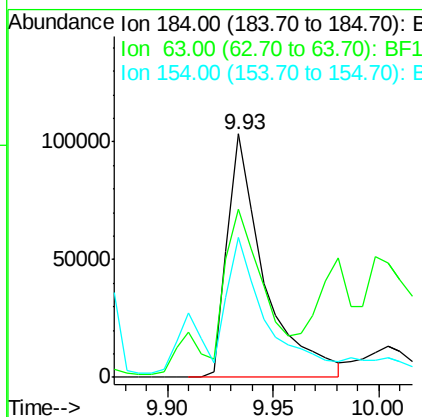
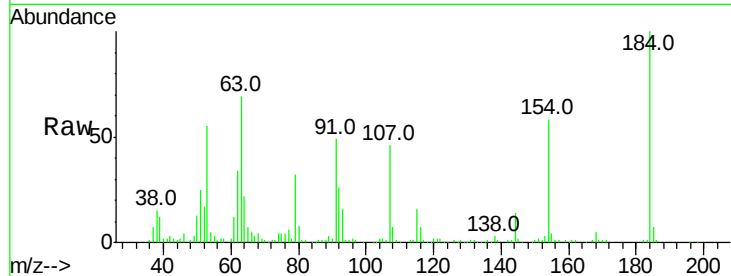




#53
 2,4-Dinitrophenol
 Concen: 77.195 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

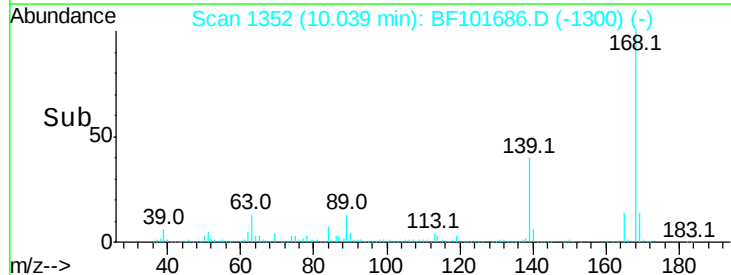
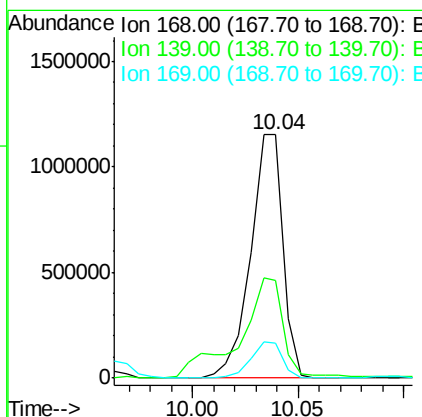
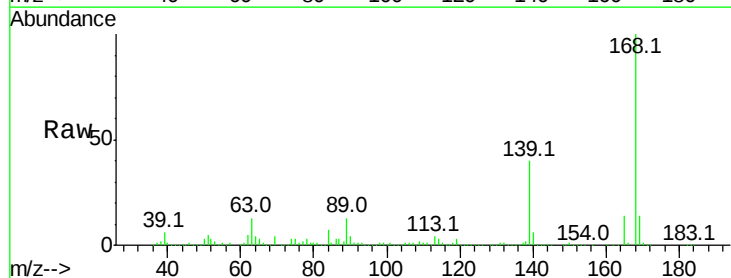
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

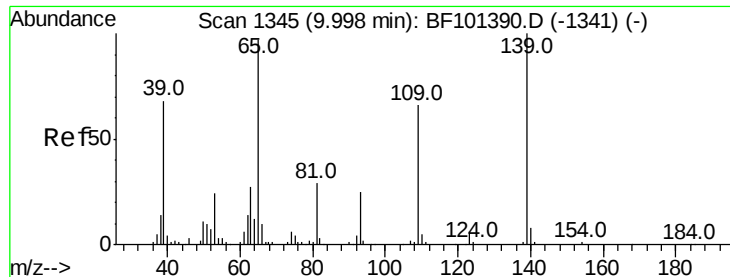
Tot Ion:184 Resp: 124752
 Ion Ratio Lower Upper
 184 100
 63 68.9 54.2 81.2
 154 57.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 52.719 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:168 Resp: 1231085
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 14.2 10.9 16.3

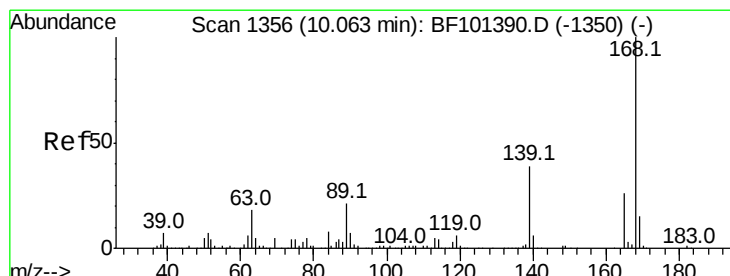
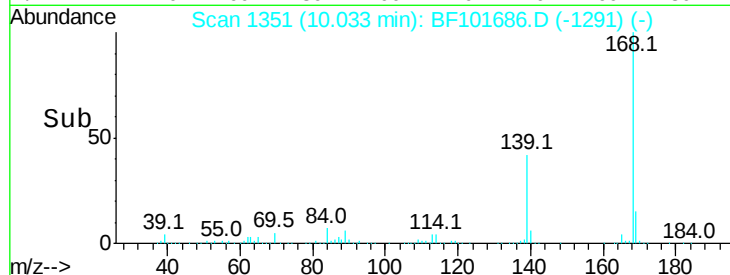
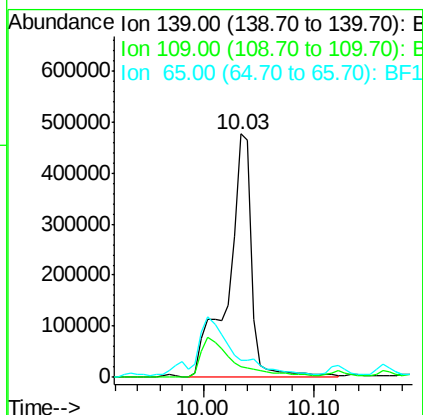
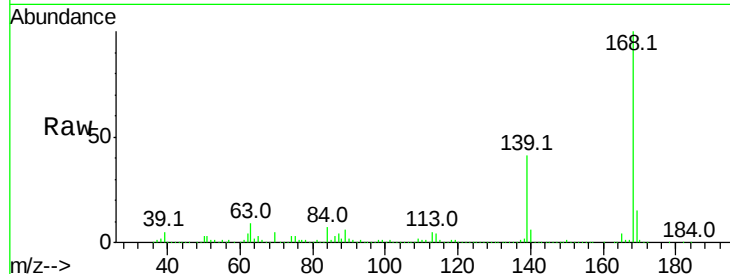




#55
4-Nitrophenol
Concen: 280.551 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.05 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

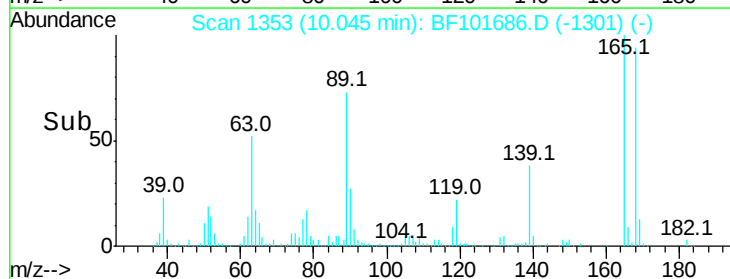
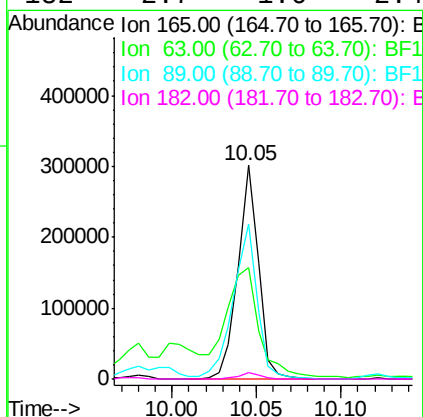
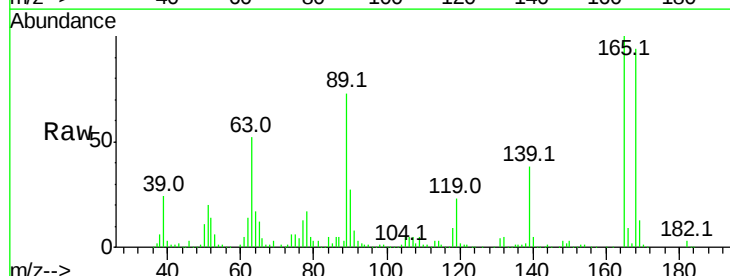
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

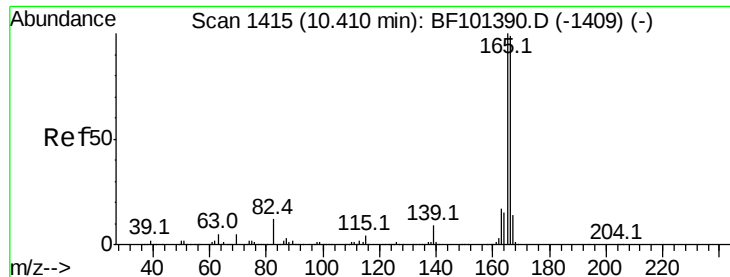
Tot Ion:139 Resp: 711514
Ion Ratio Lower Upper
139 100
109 4.4 48.4 88.4#
65 7.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 48.682 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion:165 Resp: 255873
Ion Ratio Lower Upper
165 100
63 52.2 36.4 54.6
89 72.6 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 52.782 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

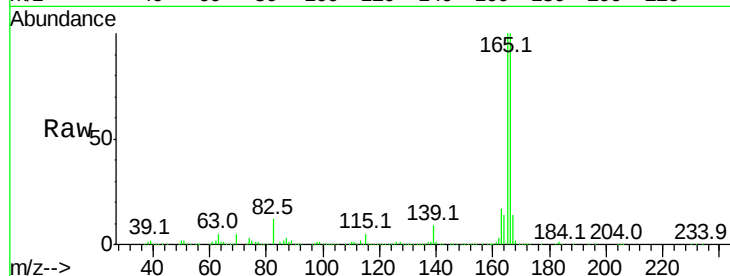
Tot Ion:166 Resp: 1042672

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

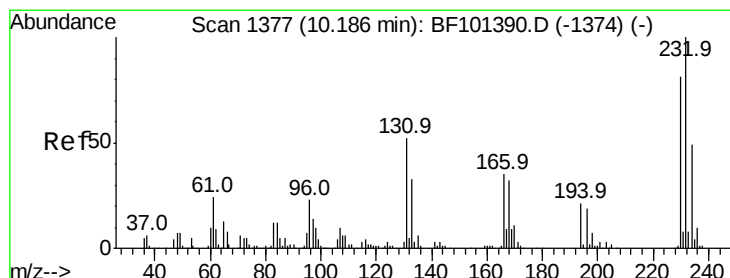
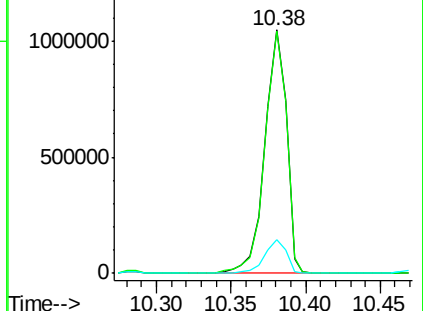
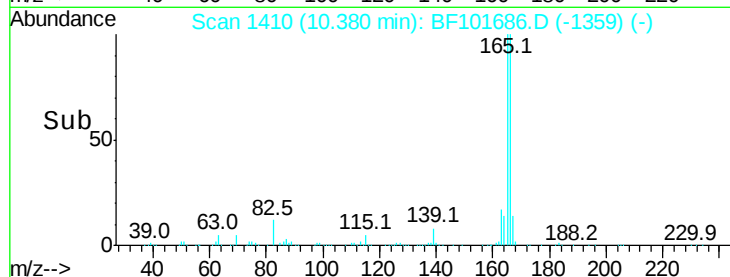
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.225 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:232 Resp: 238296

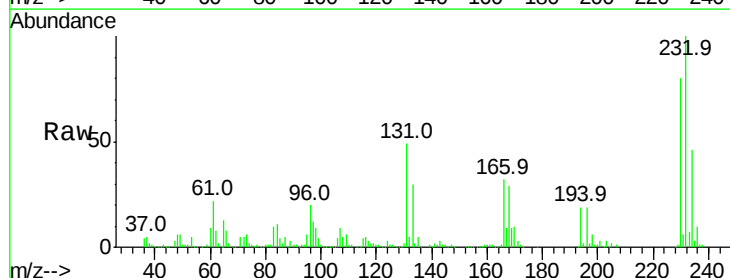
Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 1.6 2.1 3.1#

166 28.3 27.8 41.6

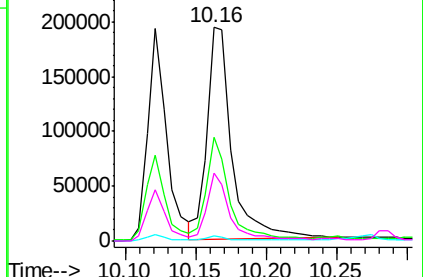
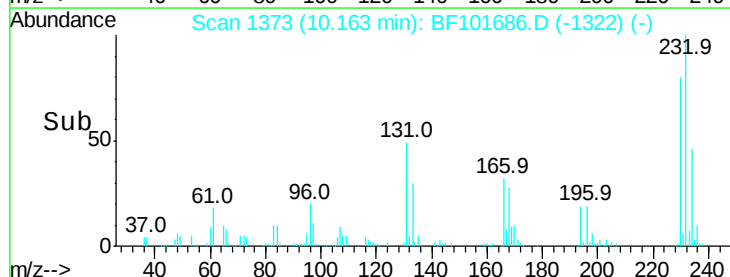


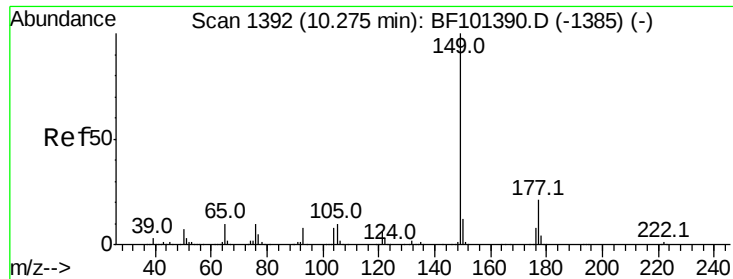
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

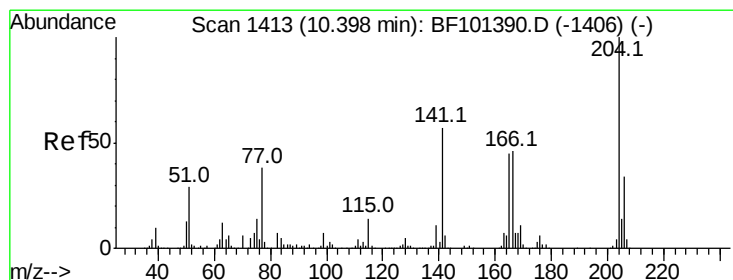
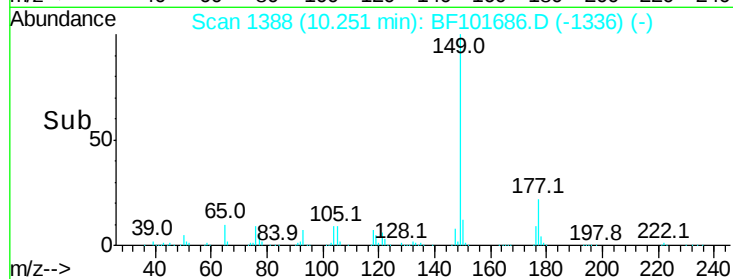
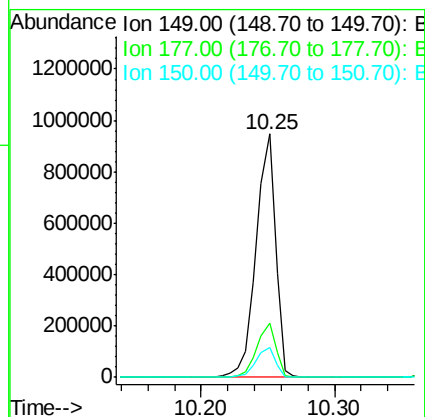
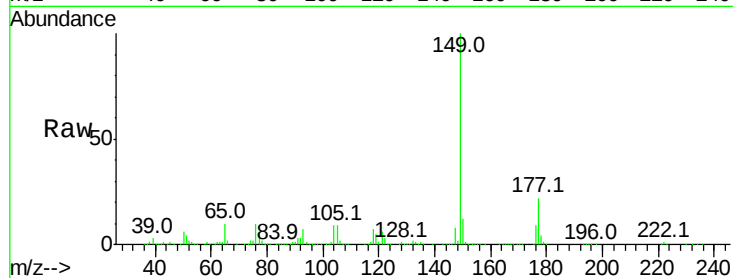




#59
Diethylphthalate
Concen: 41.552 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

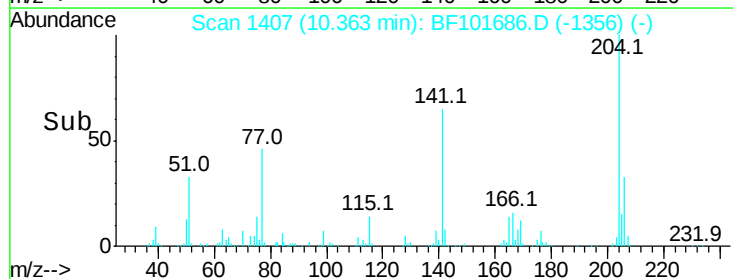
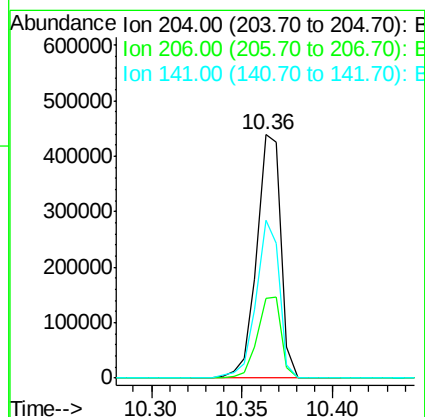
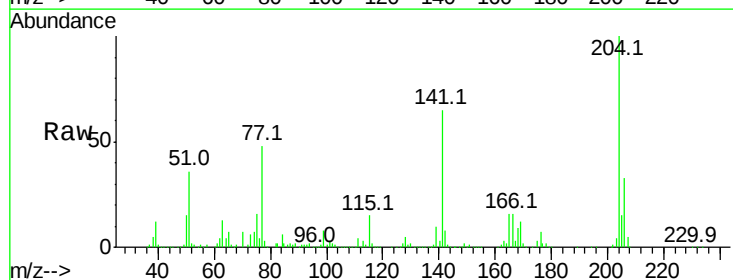
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

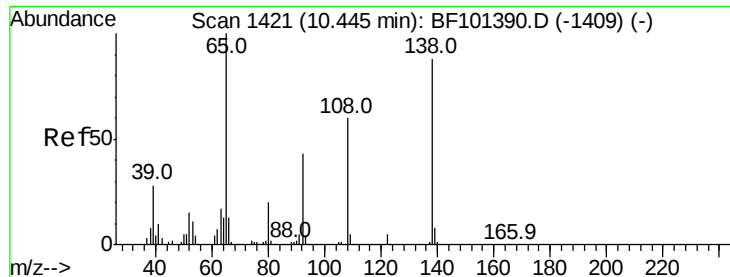
Tot Ion:149 Resp: 944484
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.976 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion:204 Resp: 406879
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.9 54.6 81.8

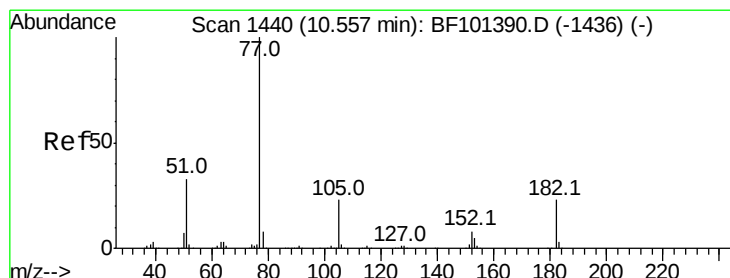
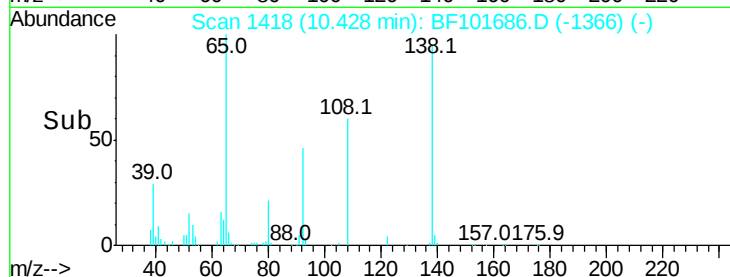
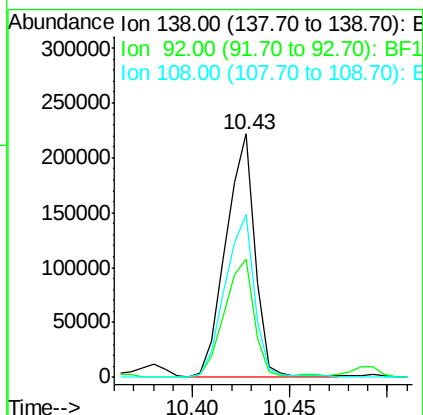
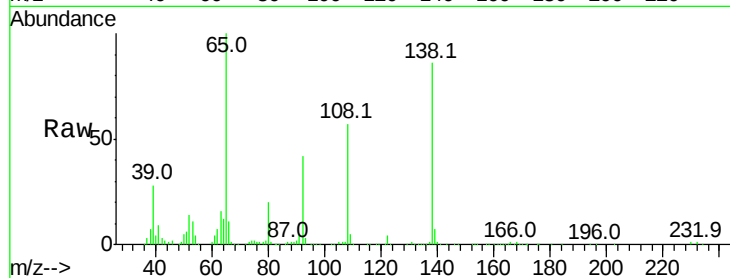




#61
4-Nitroaniline
Concen: 38.919 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

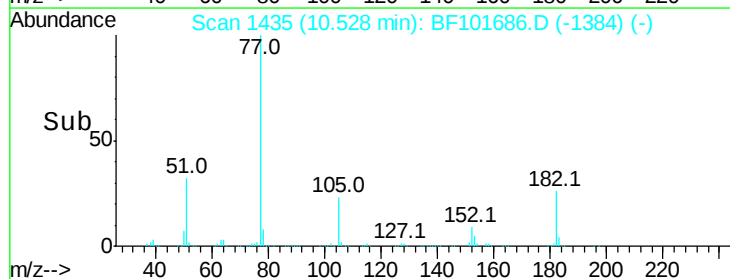
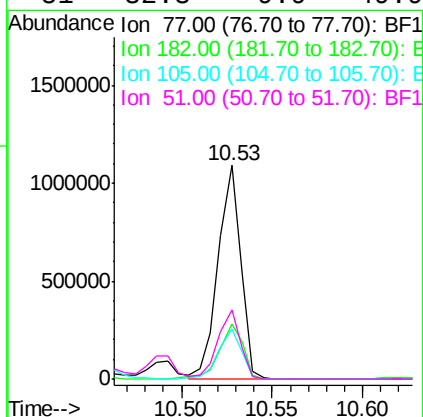
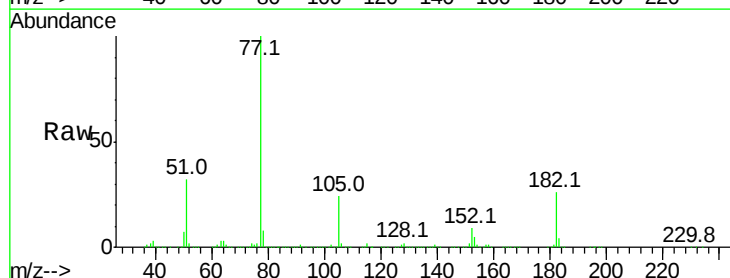
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

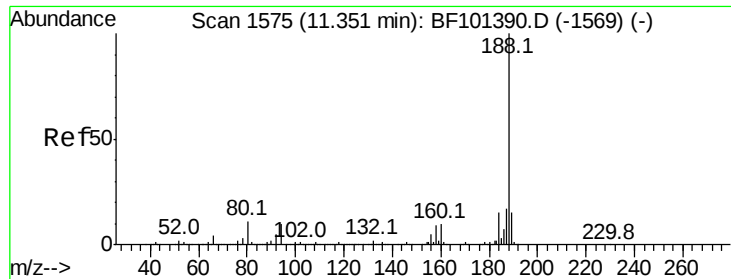
Tot Ion:138 Resp: 227526
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 66.8 52.5 92.5



#62
Azobenzene
Concen: 40.291 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion: 77 Resp: 948726
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 23.6 3.0 43.0
51 32.3 9.9 49.9

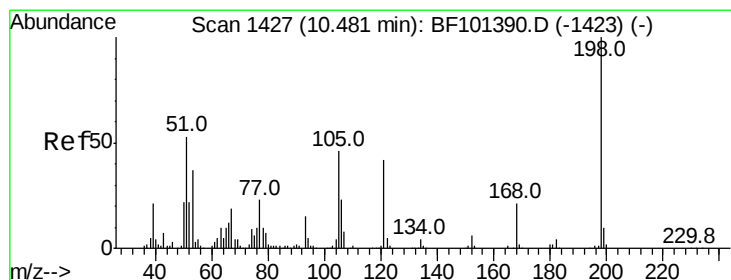
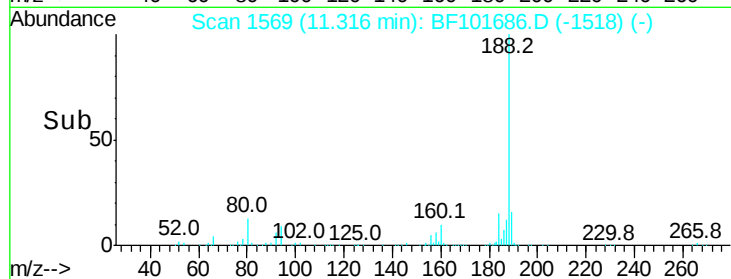
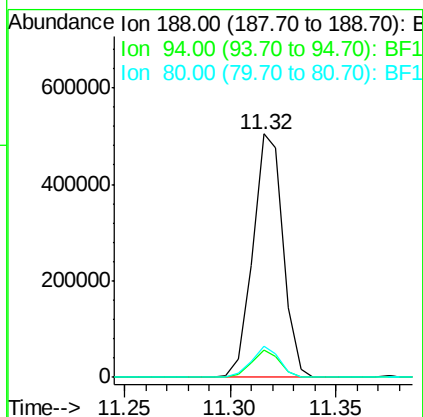
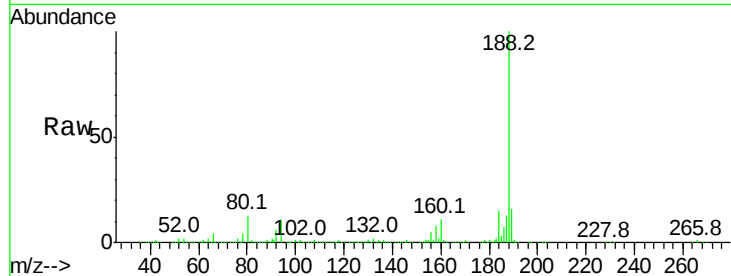




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

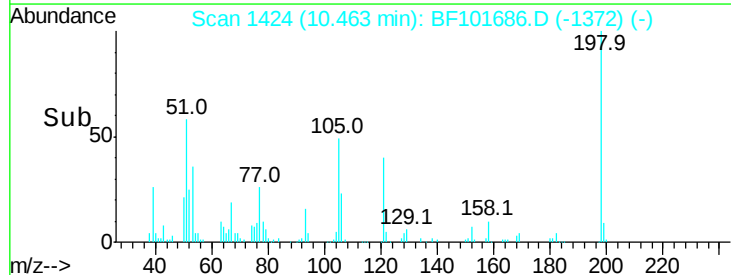
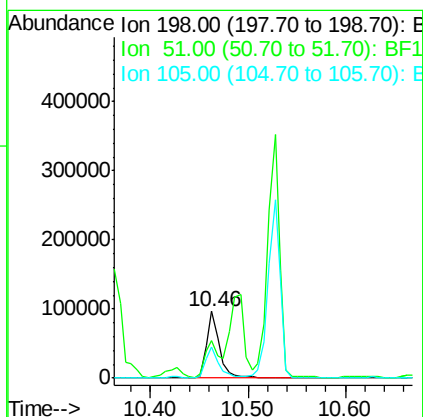
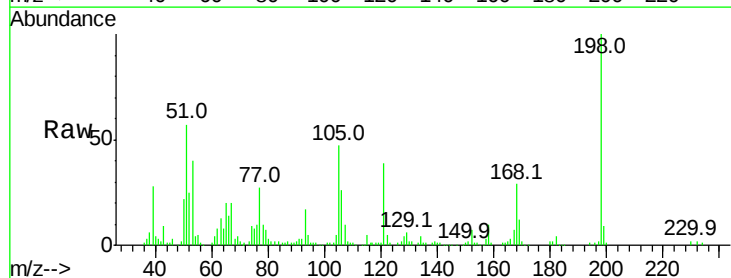
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

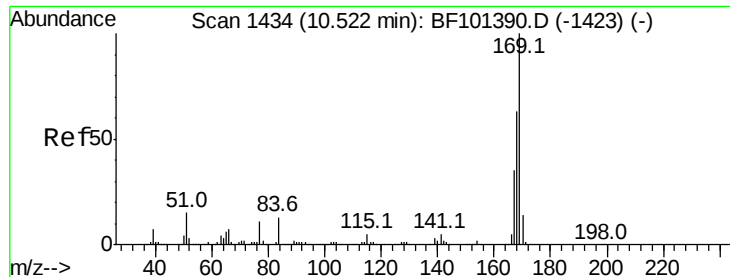
Tot Ion:188 Resp: 501160
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.042 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:198 Resp: 89618
 Ion Ratio Lower Upper
 198 100
 51 57.0 37.7 77.7
 105 46.8 36.3 76.3

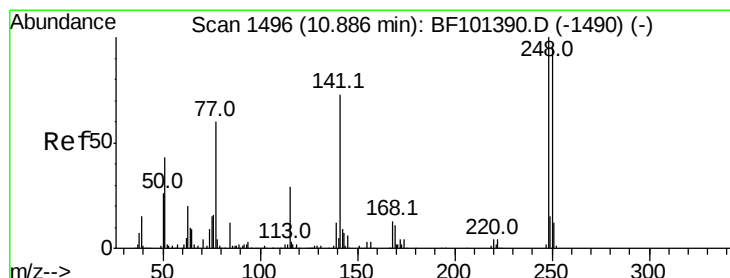
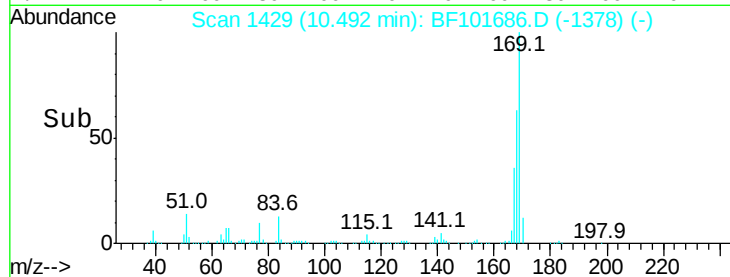
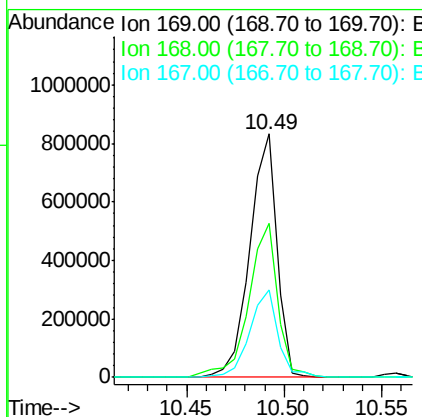
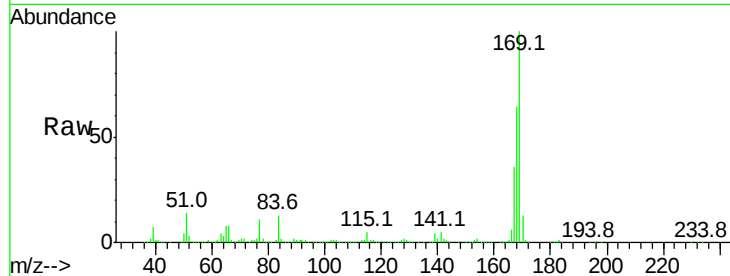




#65
 n-Nitrosodiphenylamine
 Concen: 43.513 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

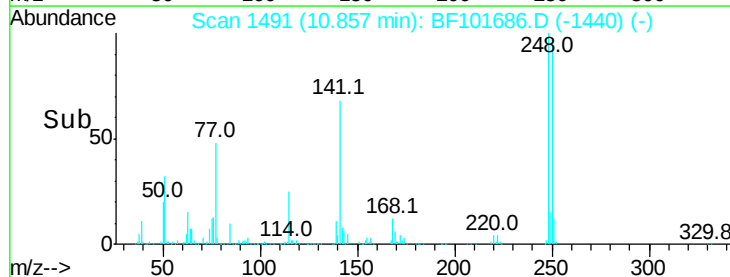
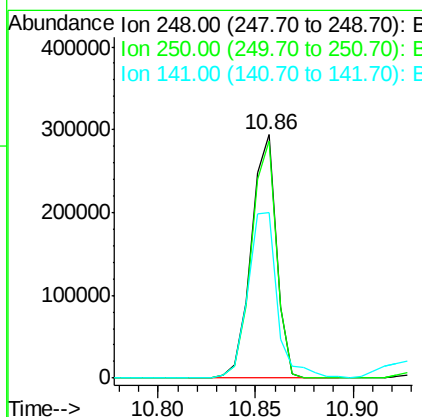
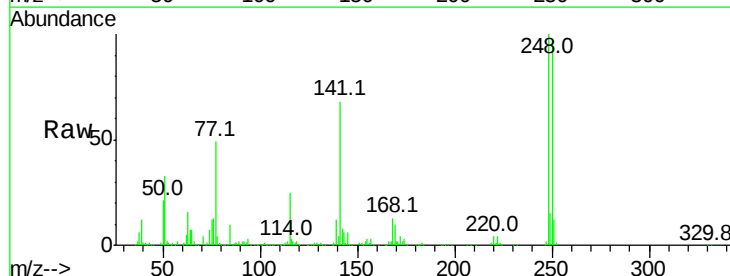
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

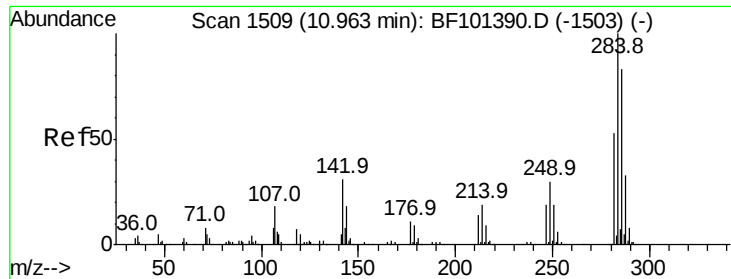
Tot Ion:169 Resp: 805219
 Ion Ratio Lower Upper
 169 100
 168 63.5 54.4 81.6
 167 36.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.764 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:248 Resp: 263334
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 68.0 74.4 111.6#

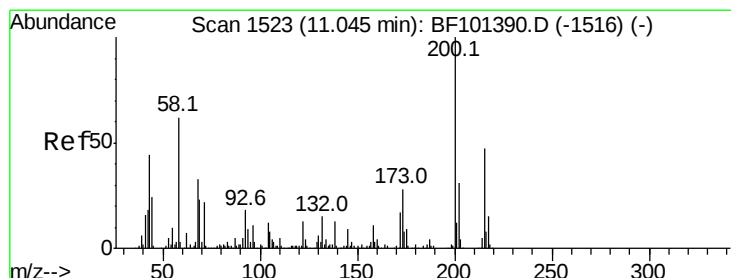
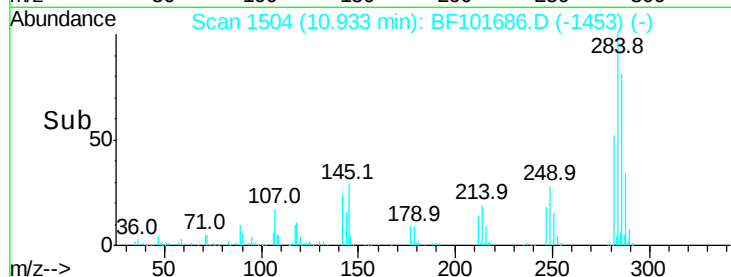
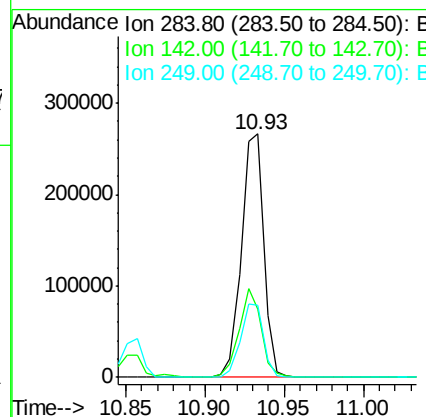
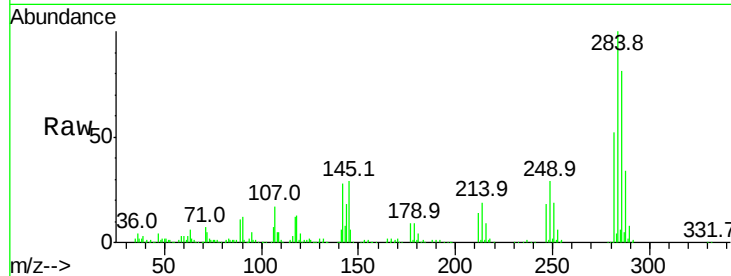




#67
Hexachlorobenzene
Concen: 43.839 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

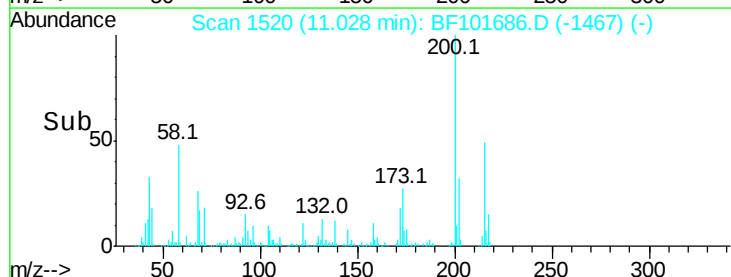
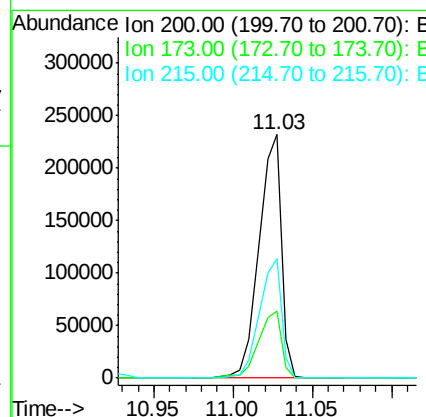
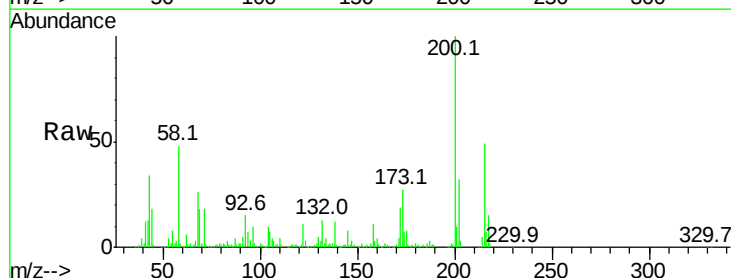
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

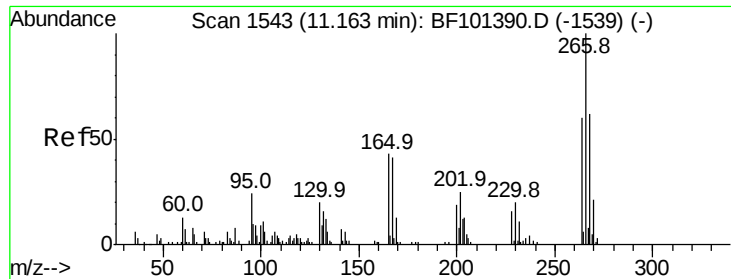
Tot Ion:284 Resp: 261276
Ion Ratio Lower Upper
284 100
142 27.9 34.6 52.0#
249 29.4 24.8 37.2



#68
Atrazine
Concen: 41.404 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion:200 Resp: 228458
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 49.2 25.1 65.1

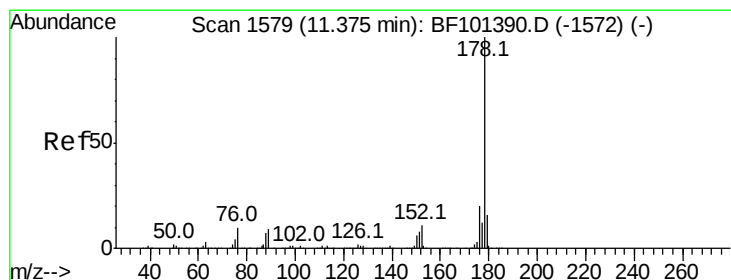
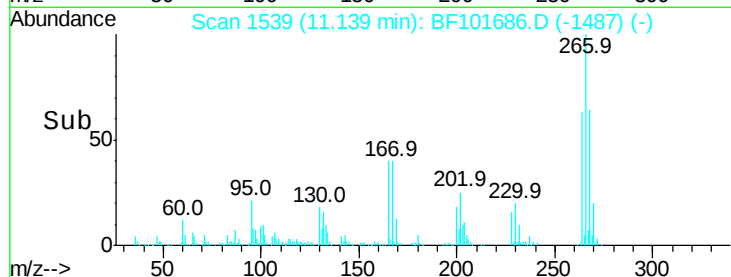
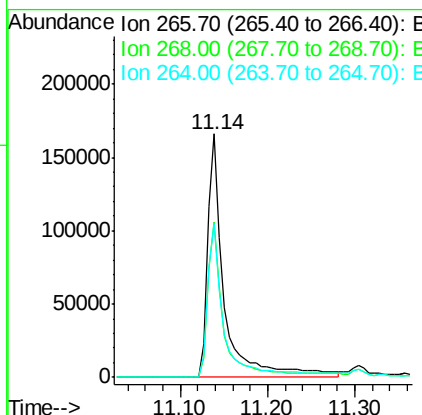
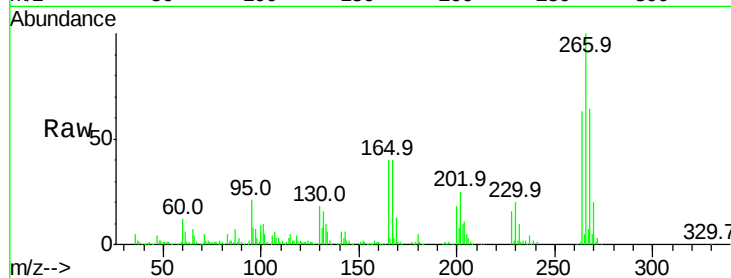




#69
 Pentachlorophenol
 Concen: 94.207 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

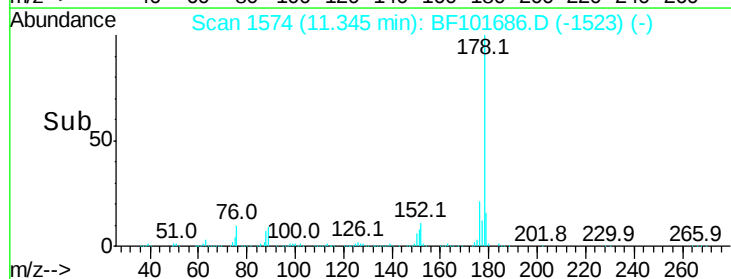
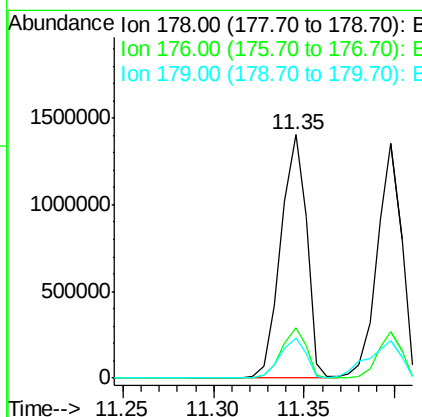
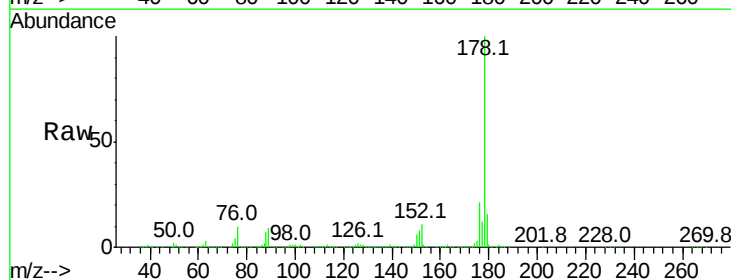
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

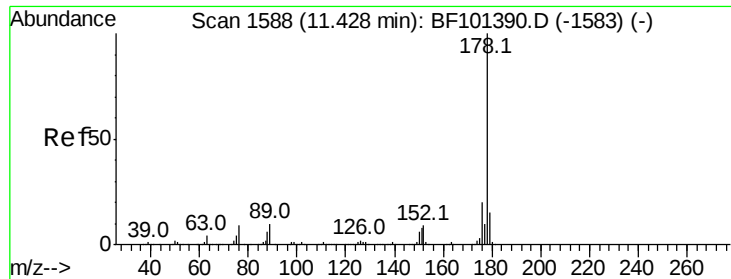
Tot Ion:266 Resp: 221279
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 50.088 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:178 Resp: 1395971
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.8
 179 16.3 13.0 19.6

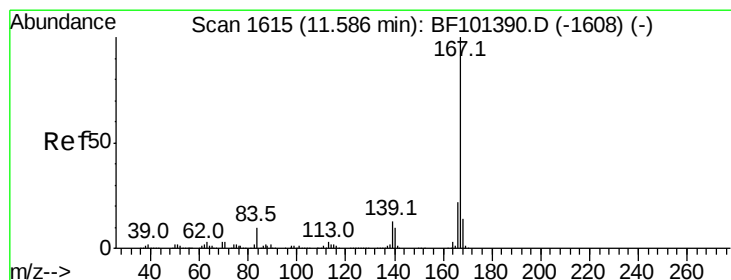
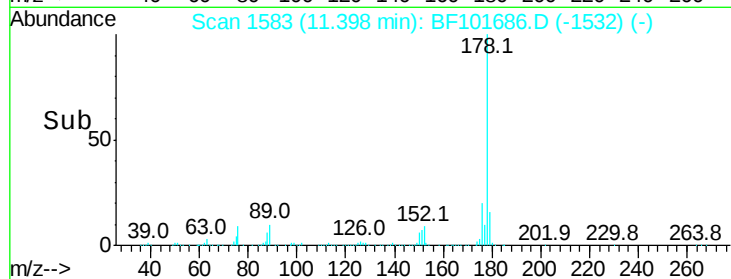
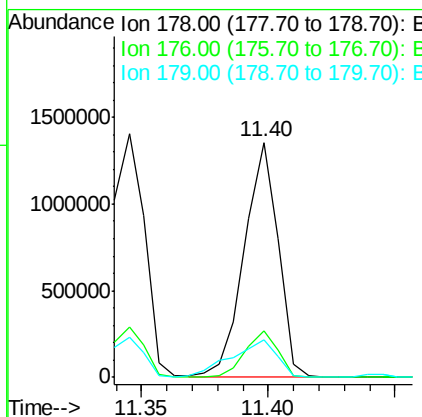
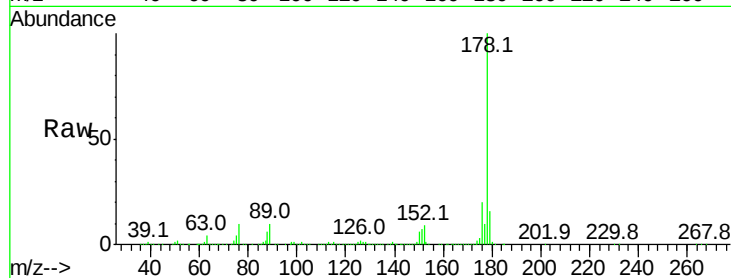




#71
 Anthracene
 Concen: 44.006 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

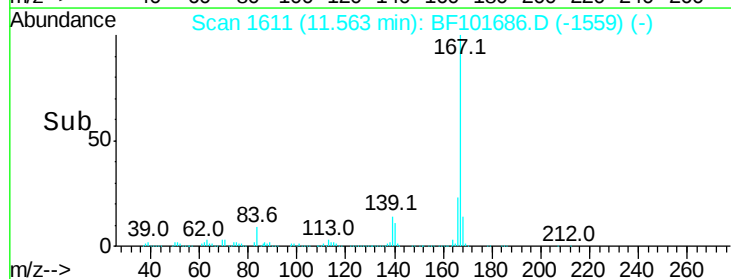
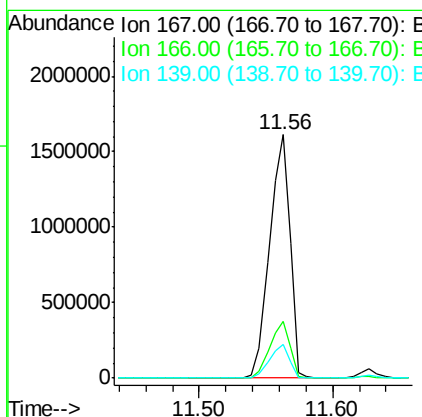
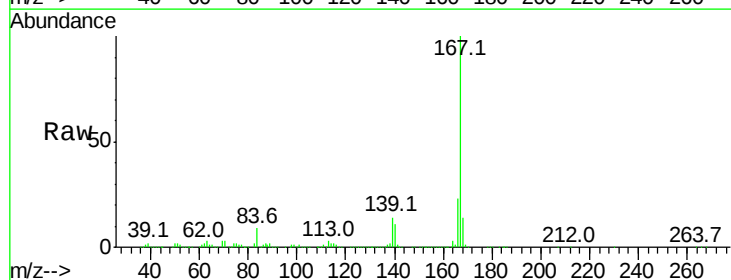
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

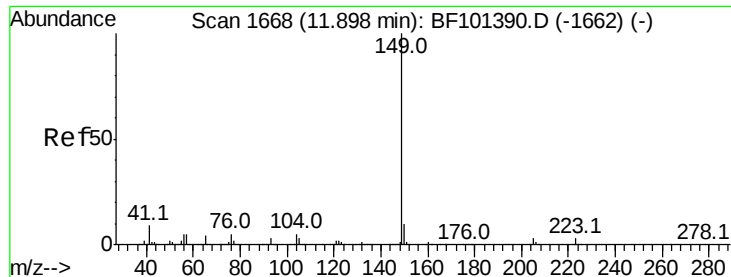
Tot Ion:178 Resp: 1252807
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 64.367 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:167 Resp: 1715652
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.042 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

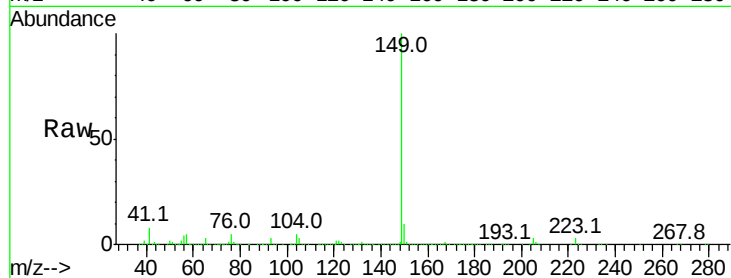
Tot Ion:149 Resp: 1424811

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

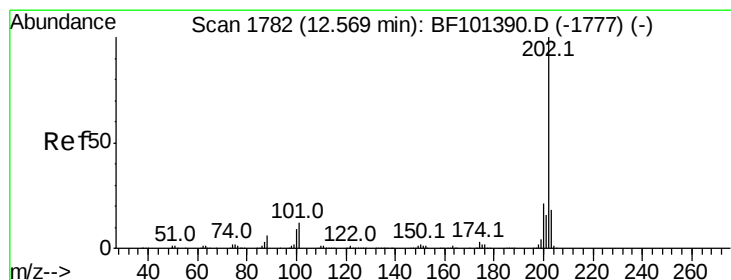
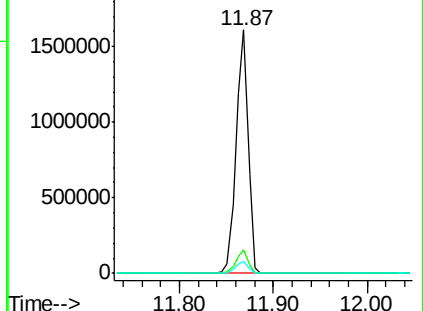
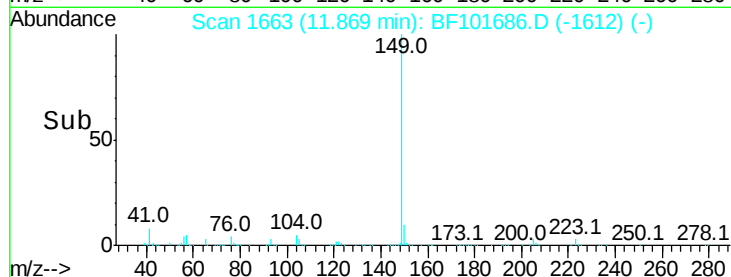
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.366 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

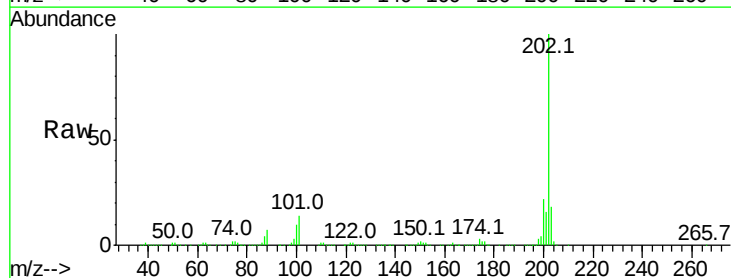
Tgt Ion:202 Resp: 1180853

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

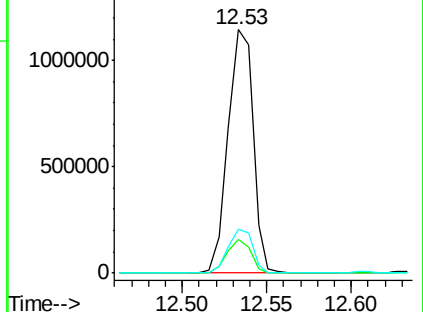
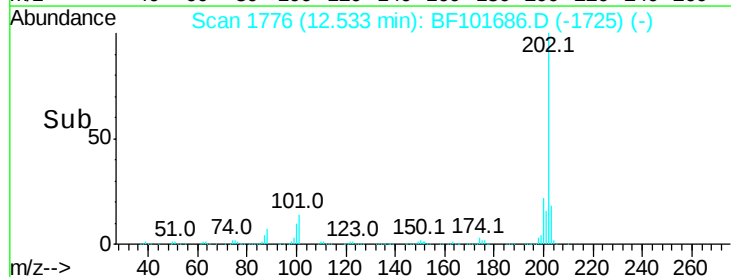
203 18.0 0.0 38.1

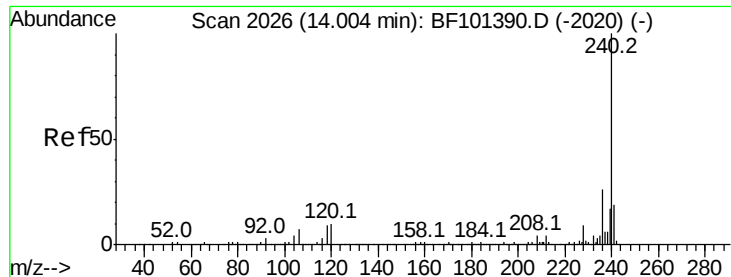


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

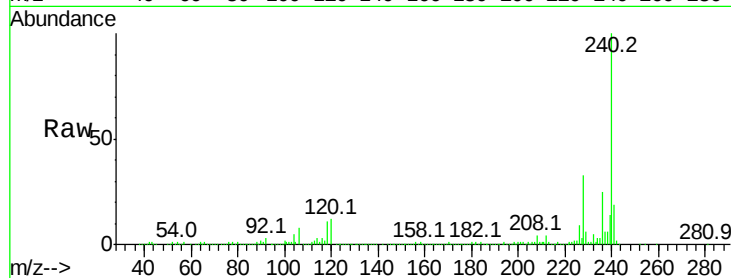
Tot Ion:240 Resp: 325957

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

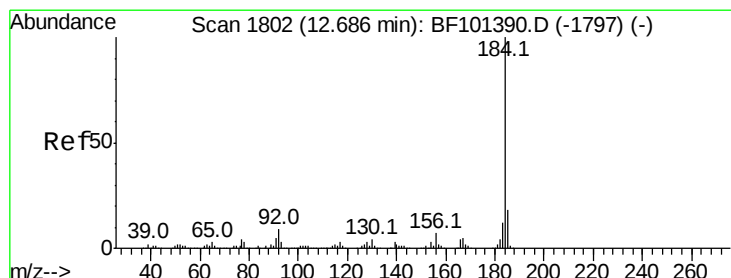
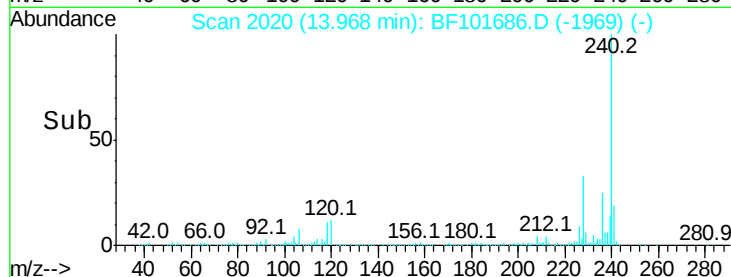
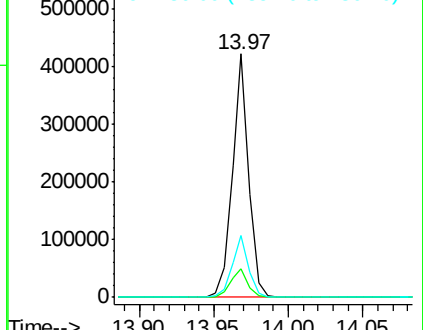
236 25.4 20.7 31.1



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: 3.741 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

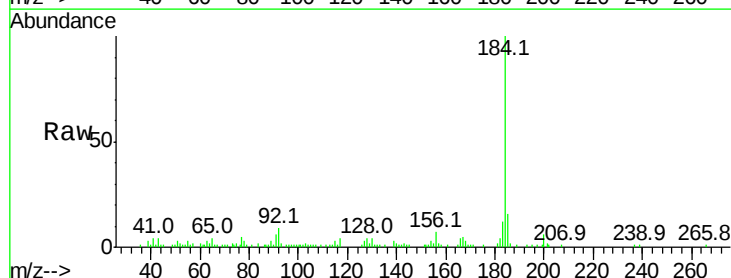
Tgt Ion:184 Resp: 51499

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

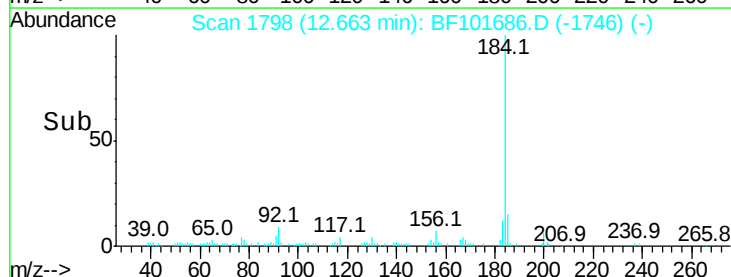
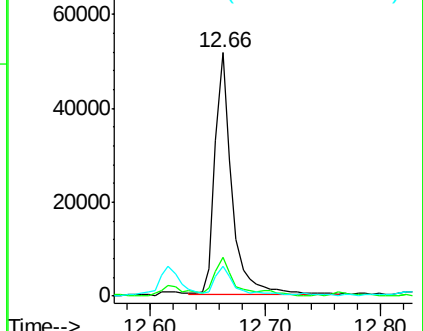
183 12.3 9.3 13.9

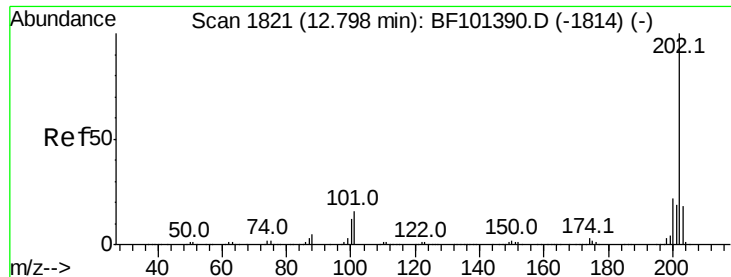


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



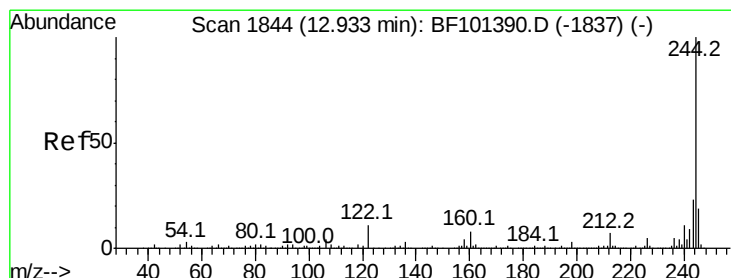
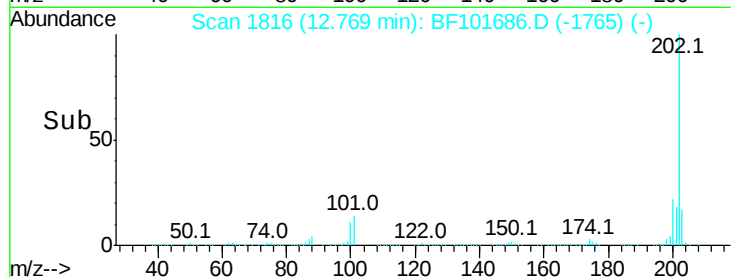
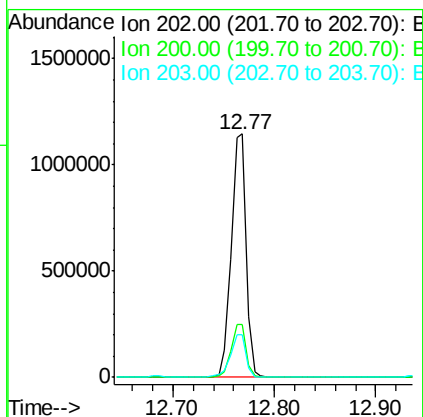
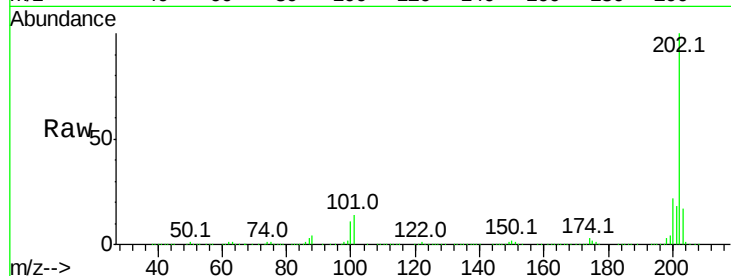


#77
 Pvrene
 Concen: 47.757 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tot Ion:202 Resp: 1168287

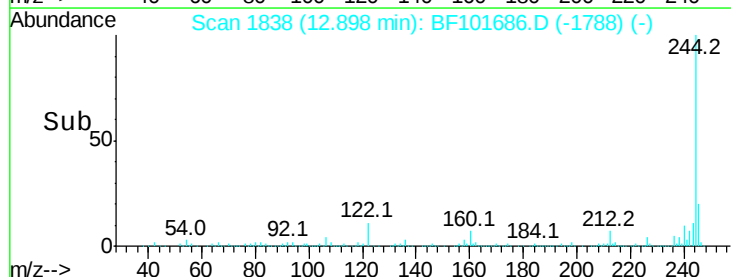
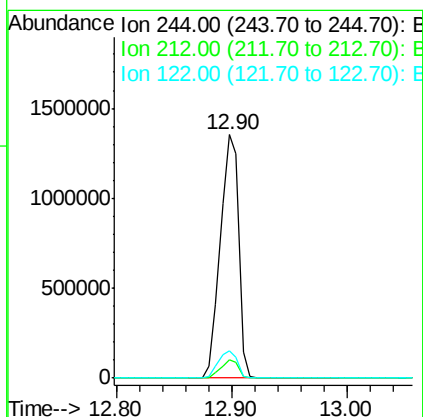
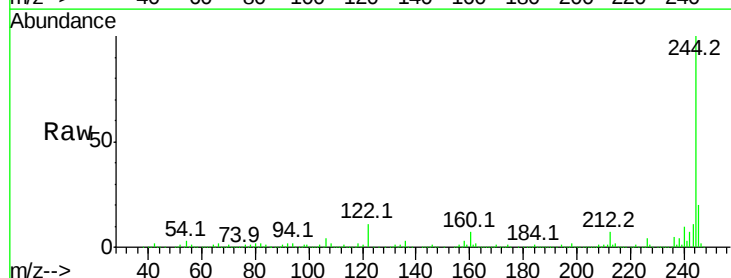
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.5	14.3	21.5

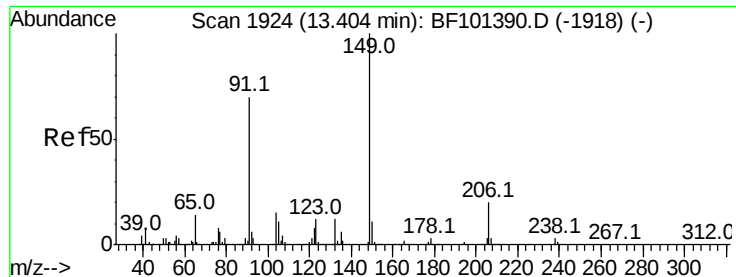


#78
 Terphenyl-d14
 Concen: 110.240 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:244 Resp: 1490538

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.1	11.0	16.4

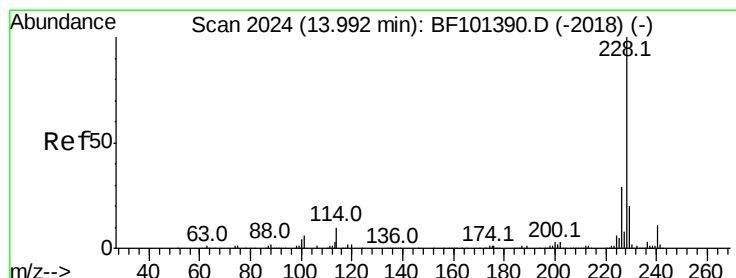
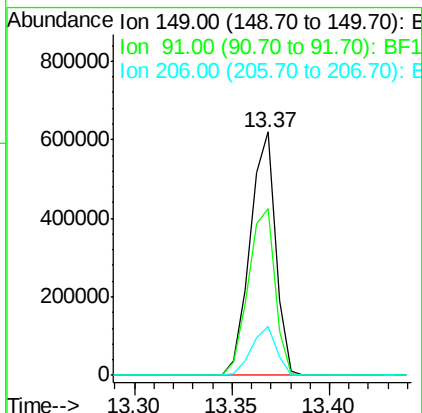
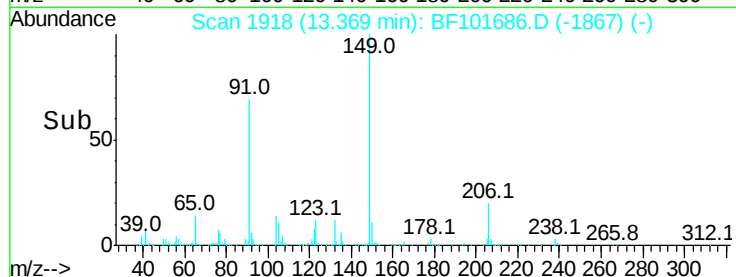
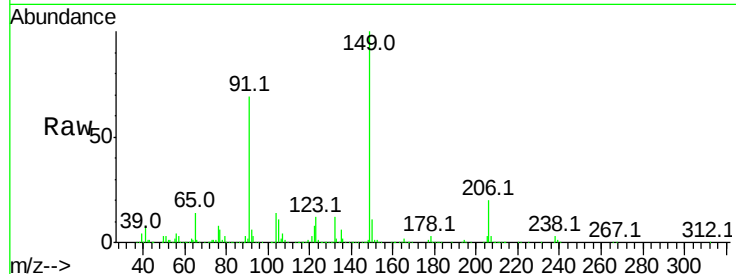




#79
Butylbenzylphthalate
Concen: 50.913 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

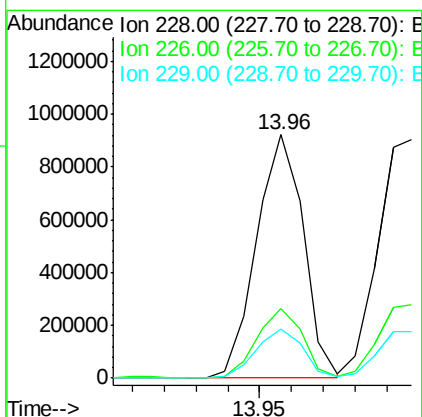
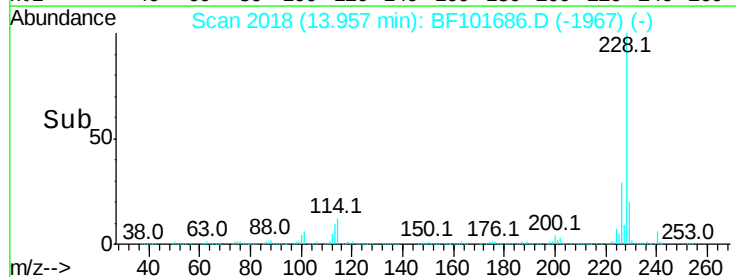
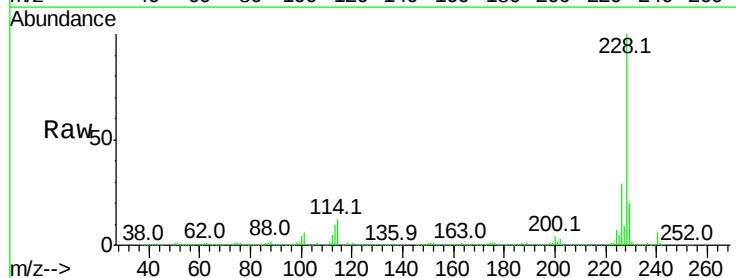
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

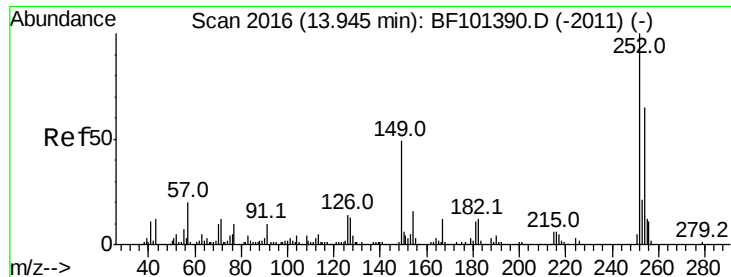
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.7	56.8	85.2
206	20.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.109 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 34.143 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

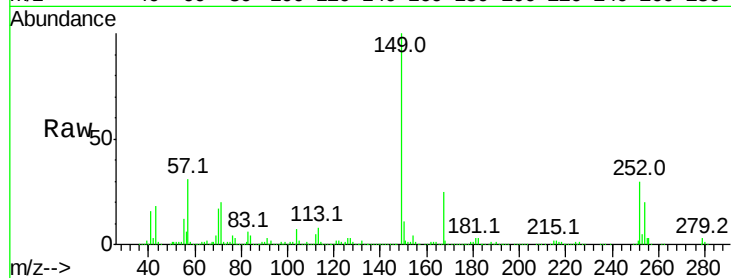
Tot Ion:252 Resp: 239619

Ion Ratio Lower Upper

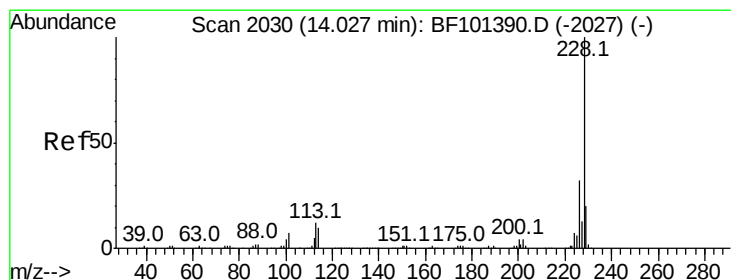
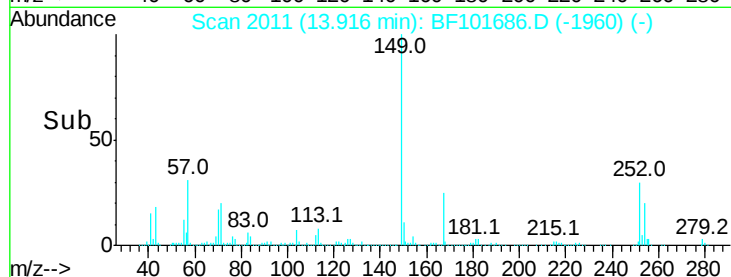
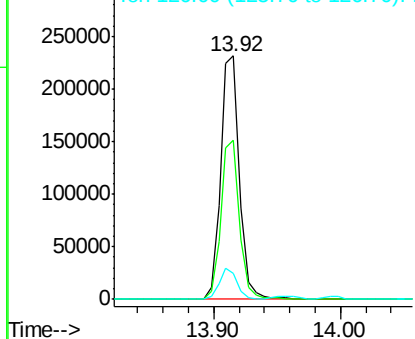
252 100

254 65.1 50.4 75.6

126 10.6 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.297 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

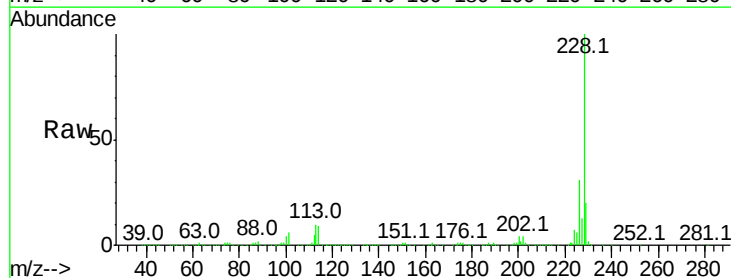
Tgt Ion:228 Resp: 900209

Ion Ratio Lower Upper

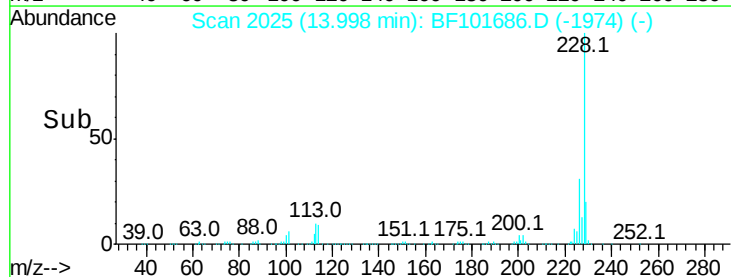
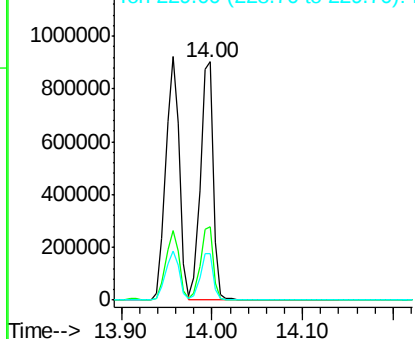
228 100

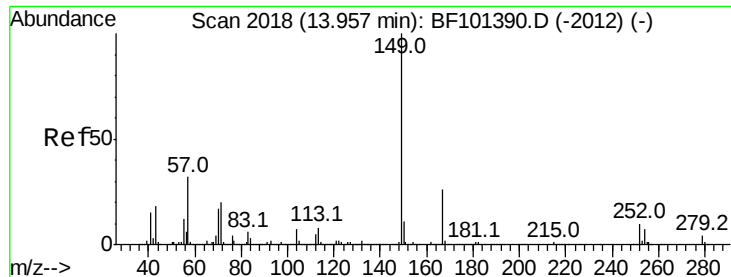
226 31.1 25.0 37.6

229 19.7 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.352 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

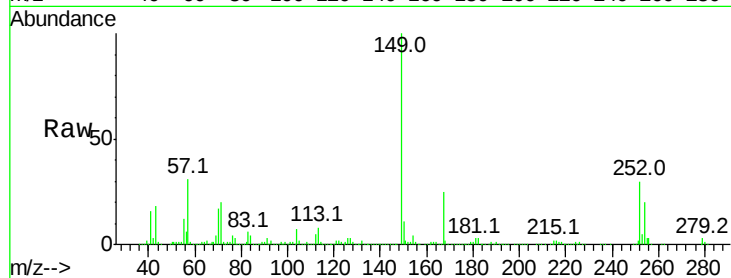
Tot Ion:149 Resp: 705937

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

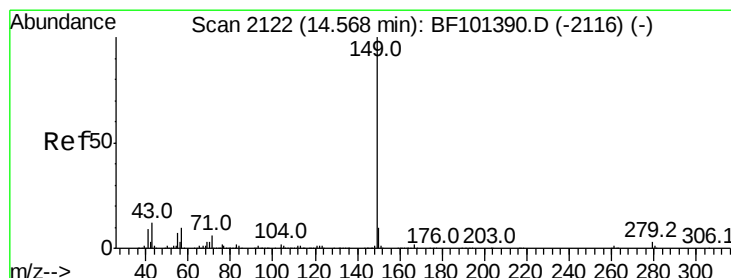
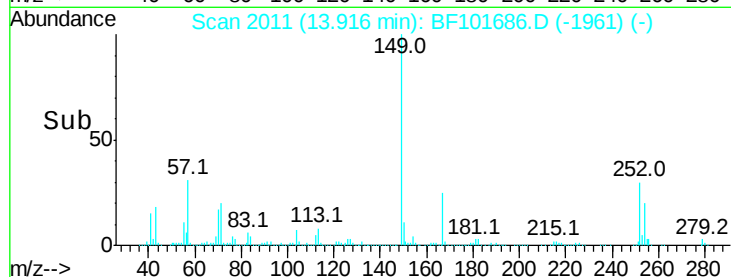
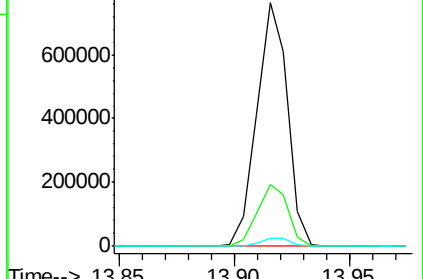
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.331 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

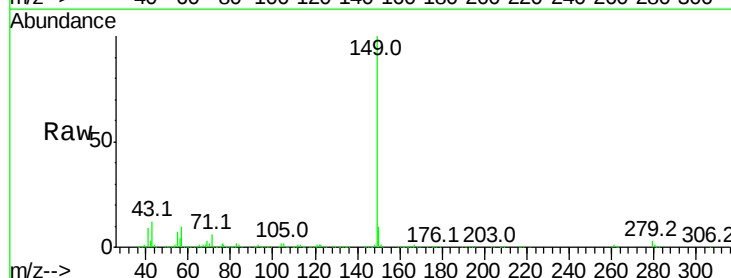
Tgt Ion:149 Resp: 1208437

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

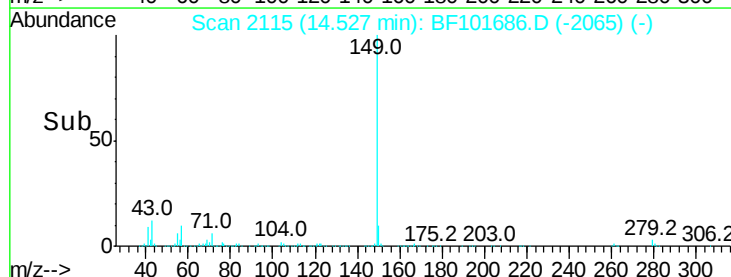
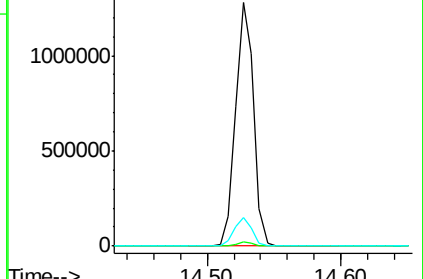
43 11.5 8.4 12.6

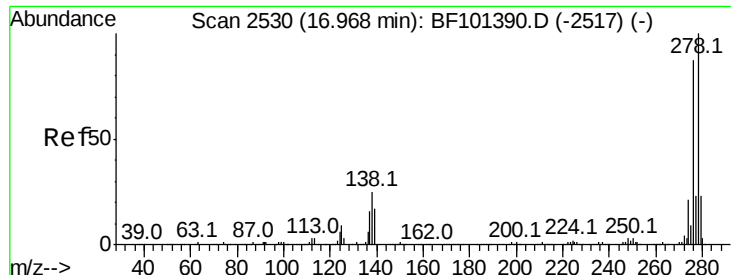


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

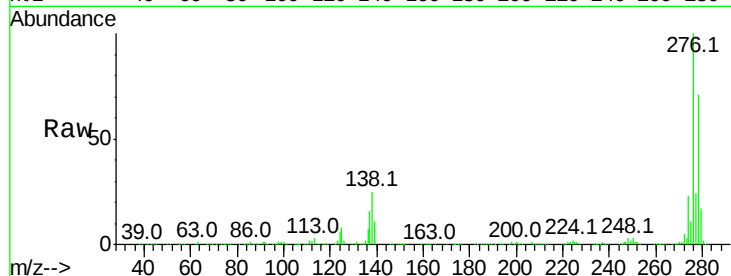




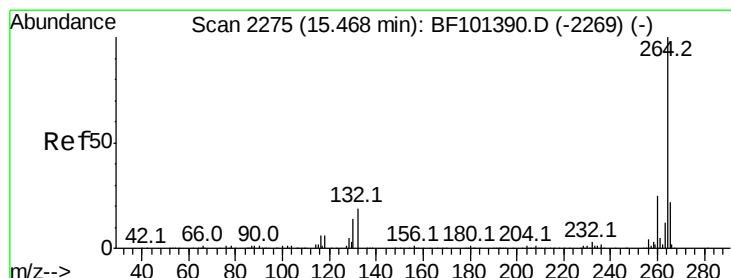
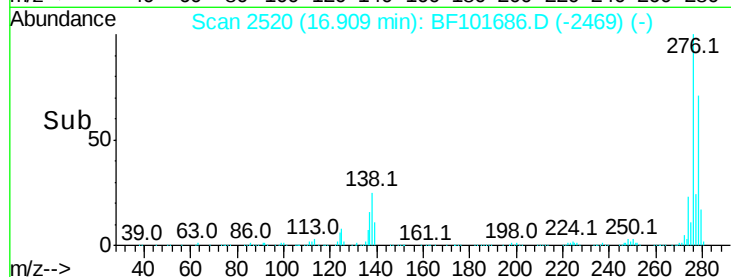
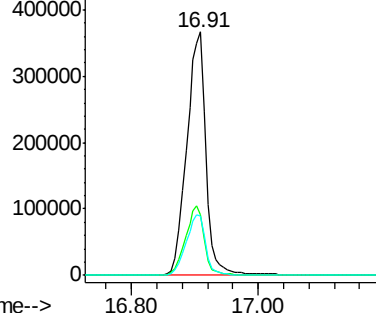
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.370 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.3	20.1	30.1

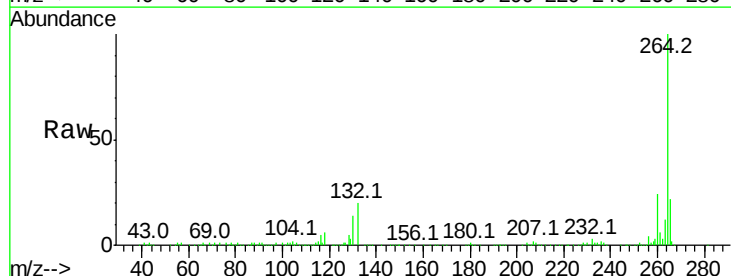


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

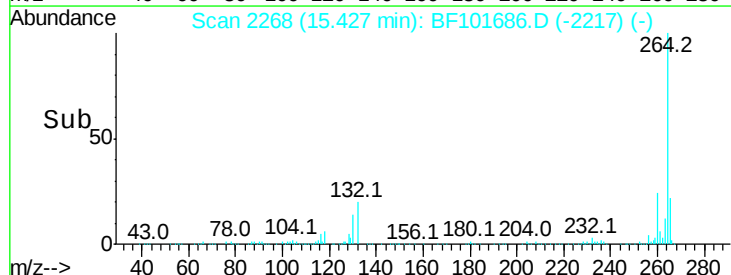
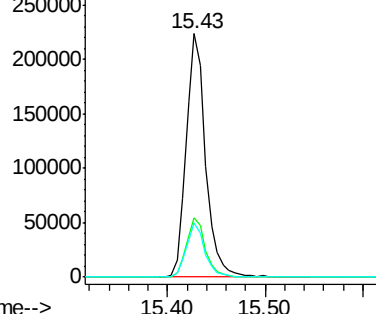


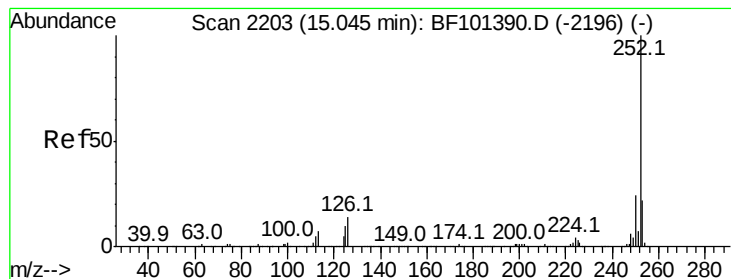
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.796 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

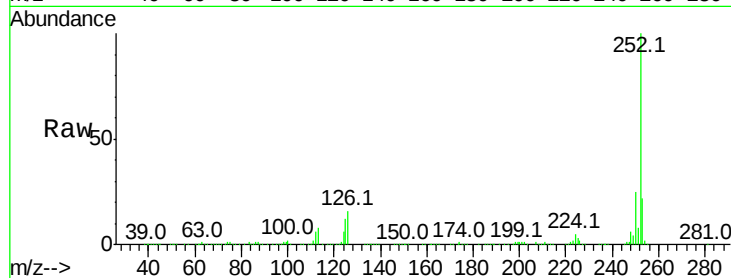
Tot Ion:252 Resp: 803411

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

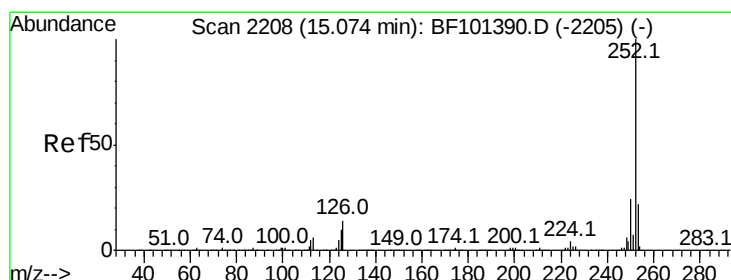
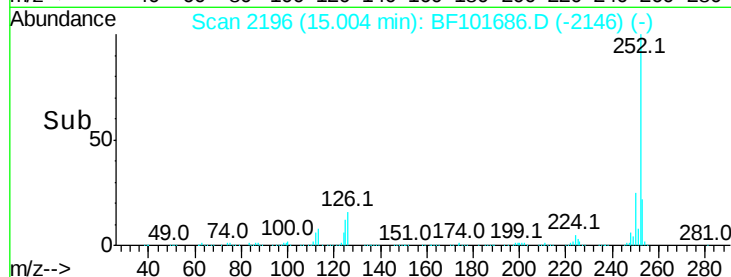
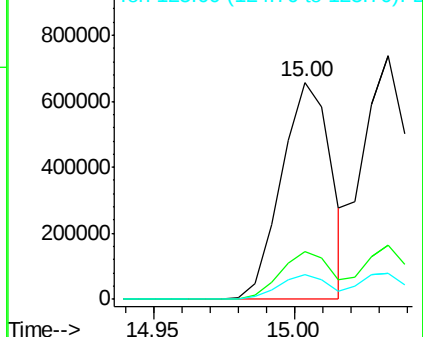
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.377 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

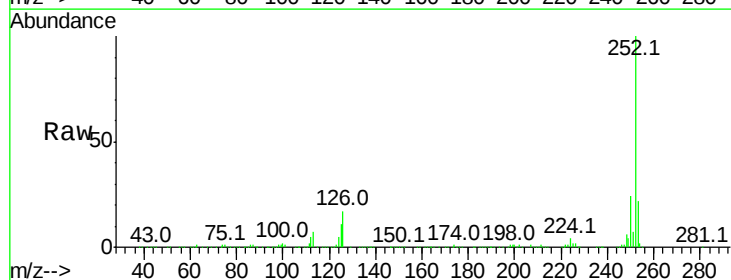
Tgt Ion:252 Resp: 828246

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

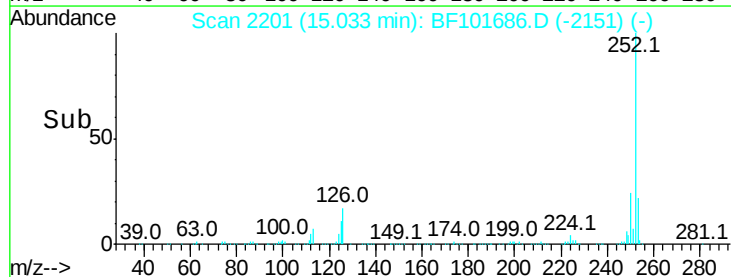
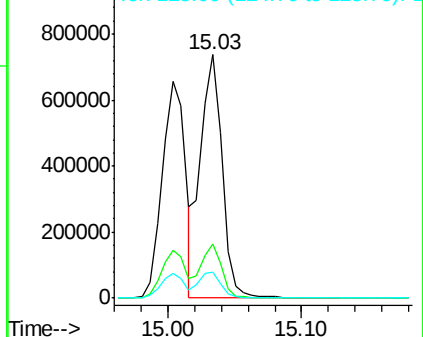
125 10.9 10.2 15.2

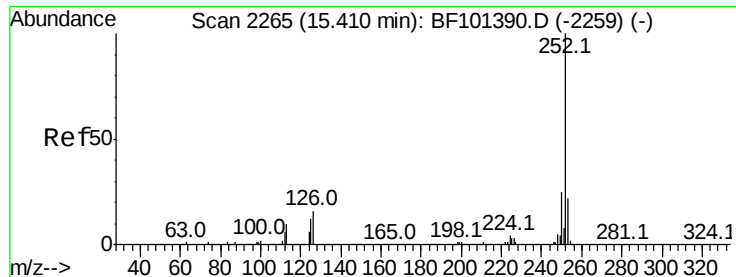


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.213 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

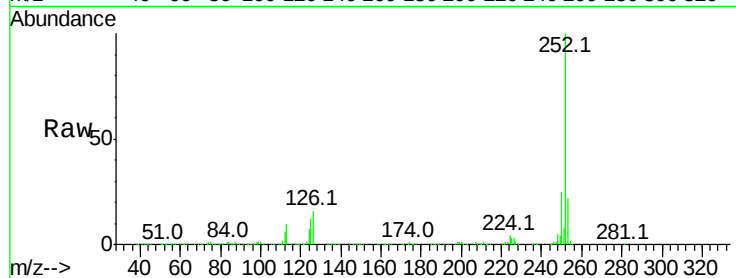
Tot Ion:252 Resp: 782450

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

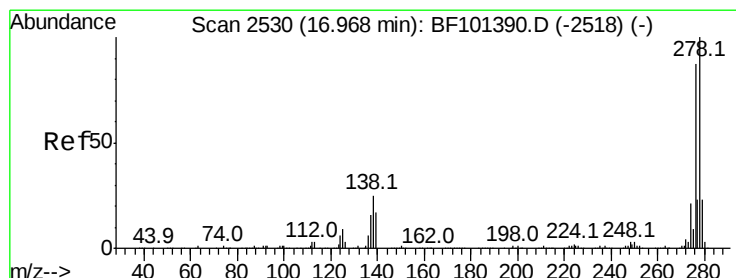
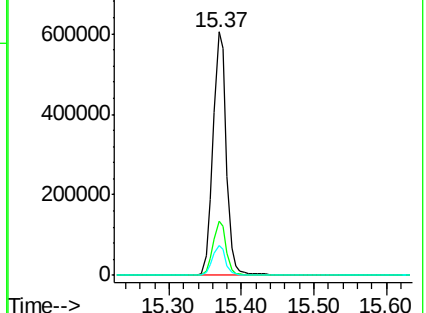
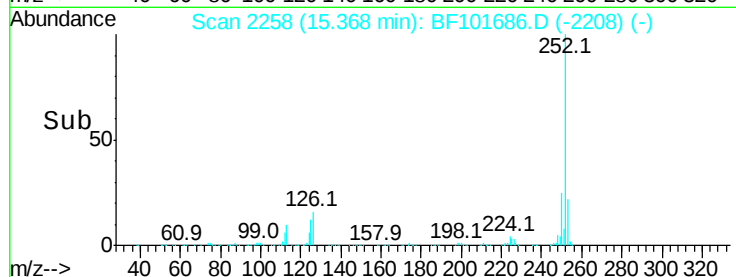
125 12.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.907 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

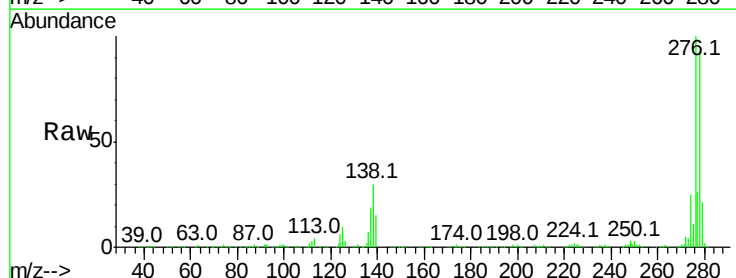
Tgt Ion:278 Resp: 667252

Ion Ratio Lower Upper

278 100

139 16.5 15.9 23.9

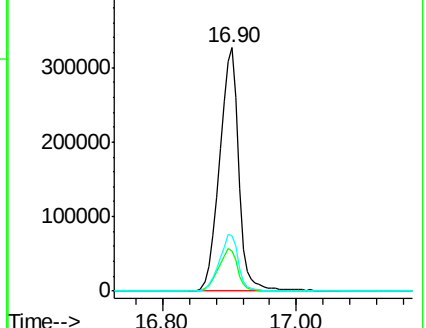
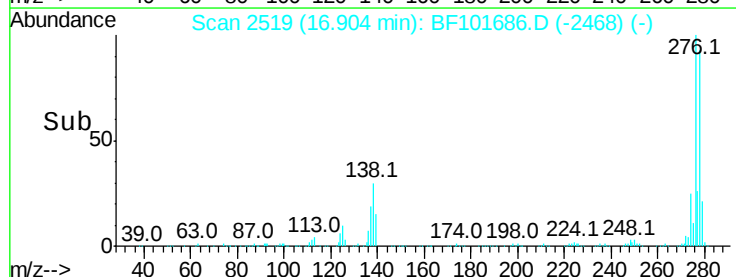
279 22.8 19.0 28.4

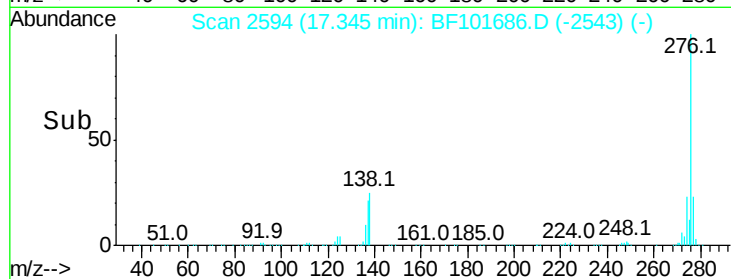
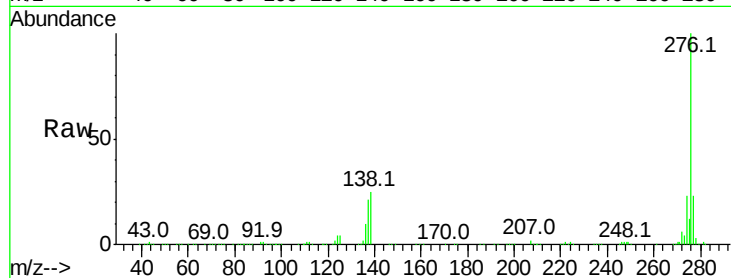
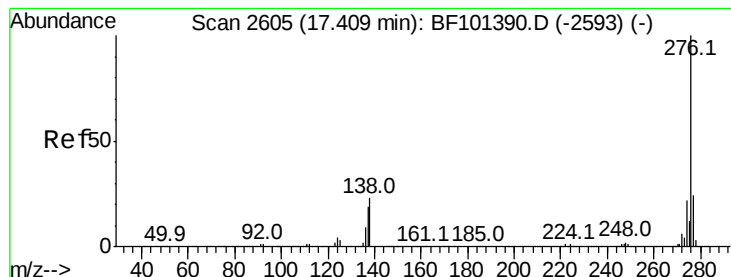


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.612 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tot Ion:276 Resp: 656381

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 25.2 21.8 32.8

