

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104081.D
 Acq On : 30 Mar 2018 5:43
 Operator : JU/SJ
 Sample : PB107808BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 06:55:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107203	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	439607	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	195524	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	306298	20.00	ng	0.00
75) Chrysene-d12	14.16	240	208305	20.00	ng	0.00
86) Perylene-d12	15.70	264	202265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	608055	90.45	ng	0.00
7) Phenol-d6	6.60	99	737794	89.21	ng	0.00
23) Nitrobenzene-d5	7.53	82	665038	92.52	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	174547	80.17	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1248204	100.67	ng	0.00
78) Terphenyl-d14	13.09	244	856084	94.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	107345	37.025	ng	# 88
3) Pyridine	3.66	79	261094	35.573	ng	# 84
4) n-Nitrosodimethylamine	3.64	42	80953	37.106	ng	# 76
6) Aniline	6.64	93	265823	26.849	ng	# 84
8) 2-Chlorophenol	6.76	128	347515	47.127	ng	96
9) Benzaldehyde	6.53	77	96051	18.982	ng	95
10) Phenol	6.62	94	389774	42.535	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	340773	43.155	ng	90
12) 1,3-Dichlorobenzene	6.91	146	345313	41.659	ng	98
13) 1,4-Dichlorobenzene	6.99	146	395816	44.566	ng	99
14) 1,2-Dichlorobenzene	7.13	146	357087	44.731	ng	99
15) Benzyl Alcohol	7.11	79	228830	42.555	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	374341	43.514	ng	63
17) 2-Methylphenol	7.22	107	269439	44.894	ng	# 87
18) Hexachloroethane	7.47	117	110493	37.157	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	218412	44.500	ng	91
20) 3+4-Methylphenols	7.37	107	329371	43.001	ng	# 62
22) Acetophenone	7.38	105	469984	44.187	ng	98
24) Nitrobenzene	7.56	77	313923	41.506	ng	95
25) Isophorone	7.78	82	621643	46.926	ng	99
26) 2-Nitrophenol	7.87	139	154690	39.182	ng	91
27) 2,4-Dimethylphenol	7.90	122	303258	53.261	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	399907	48.165	ng	99
29) 2,4-Dichlorophenol	8.11	162	282068	47.429	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	301697	44.710	ng	99
31) Naphthalene	8.27	128	1002819	46.694	ng	99
32) Benzoic acid	8.03	122	113754	27.272	ng	90
33) 4-Chloroaniline	8.33	127	162301	17.926	ng	95
34) Hexachlorobutadiene	8.37	225	159452	43.424	ng	98
35) Caprolactam	8.70	113	82610	43.808	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	292737	46.537	ng	96
37) 2-Methylnaphthalene	8.96	142	628174	44.405	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	282645	47.140	ng	98
40) Hexachlorocyclopentadiene	9.10	237	53516	23.072	ng	95

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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

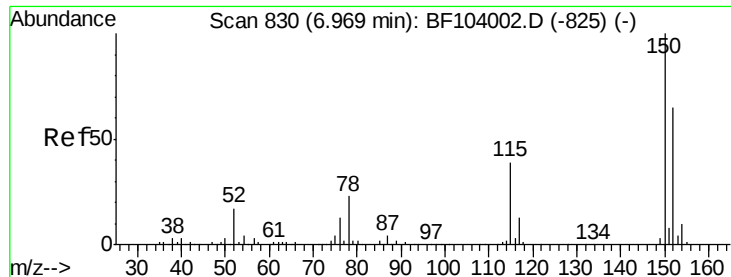
Instrument :
 BNA_F
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Quant Time: Mar 30 06:55:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.25	196	168145	44.288	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	194369	42.400	ng	95
45) 1,1'-Biphenyl	9.43	154	773278	46.080	ng	98
46) 2-Chloronaphthalene	9.46	162	595176	44.962	ng	98
47) 2-Nitroaniline	9.56	65	171779	45.509	ng	97
48) Acenaphthylene	9.87	152	858780	42.823	ng	100
49) Dimethylphthalate	9.72	163	701580	45.447	ng	99
50) 2,6-Dinitrotoluene	9.79	165	144542	43.521	ng	96
51) Acenaphthene	10.04	154	510572	44.011	ng	99
52) 3-Nitroaniline	9.97	138	125313	32.823	ng	100
53) 2,4-Dinitrophenol	10.09	184	13059	13.952	ng	# 73
54) Dibenzofuran	10.22	168	748496	44.182	ng	97
55) 4-Nitrophenol	10.15	139	148974	65.078	ng	94
56) 2,4-Dinitrotoluene	10.20	165	173012	40.824	ng	95
57) Fluorene	10.56	166	588261	42.095	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	140331	40.859	ng	93
59) Diethylphthalate	10.42	149	661403	44.723	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	288595	44.964	ng	96
61) 4-Nitroaniline	10.60	138	136089	38.095	ng	92
62) Azobenzene	10.70	77	575072	43.004	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	16034	8.648	ng	90
65) n-Nitrosodiphenylamine	10.67	169	537950	51.859	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	164822	50.297	ng	# 88
67) Hexachlorobenzene	11.10	284	171716	45.554	ng	96
68) Atrazine	11.19	200	151116	47.552	ng	98
69) Pentachlorophenol	11.30	266	141464	68.199	ng	98
70) Phenanthrene	11.53	178	731927	44.136	ng	98
71) Anthracene	11.58	178	817410	47.190	ng	99
72) Carbazole	11.74	167	708938	42.882	ng	99
73) Di-n-butylphthalate	12.05	149	937011	47.582	ng	99
74) Fluoranthene	12.72	202	682848	38.738	ng	97
76) Benzidine	12.85	184	400939	67.541	ng	97
77) Pyrene	12.95	202	662338	44.232	ng	98
79) Butylbenzylphthalate	13.55	149	311346	44.133	ng	97
80) Benzo(a)anthracene	14.14	228	578170	44.359	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	206828	47.940	ng	96
82) Chrysene	14.19	228	589657	46.189	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	394707	43.302	ng	100
84) Di-n-octyl phthalate	14.73	149	692828	44.186	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.29	276	514196	38.869	ng	96
87) Benzo(b)fluoranthene	15.24	252	512785	41.657	ng	99
88) Benzo(k)fluoranthene	15.27	252	614823	53.021	ng	99
89) Benzo(a)pyrene	15.63	252	532206	46.655	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	449872	42.655	ng	97
91) Benzo(g,h,i)perylene	17.77	276	407449	38.570	ng	95

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

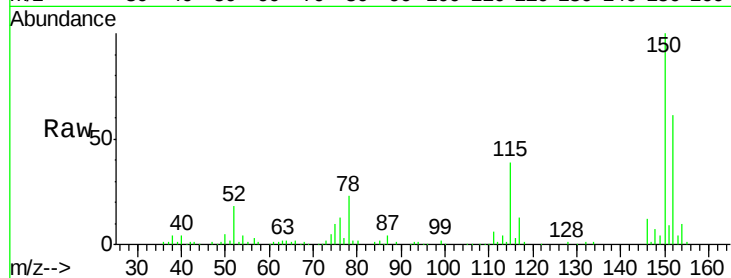


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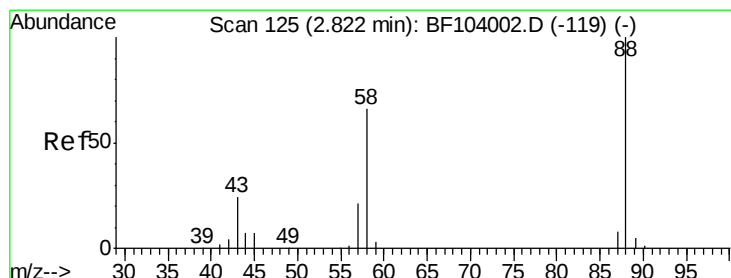
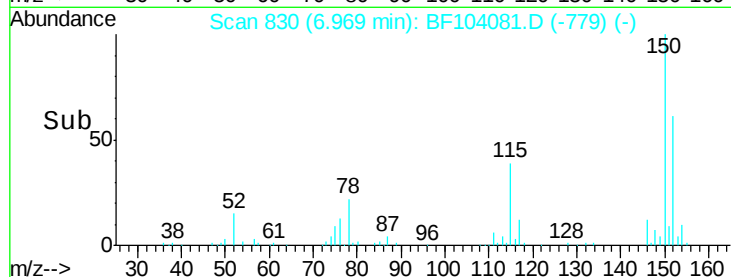
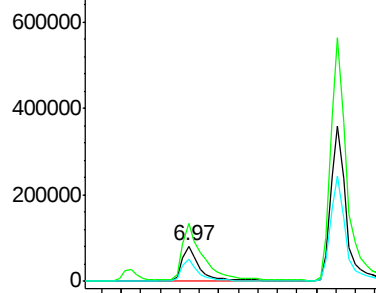
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107203
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 63.0 50.1 75.1



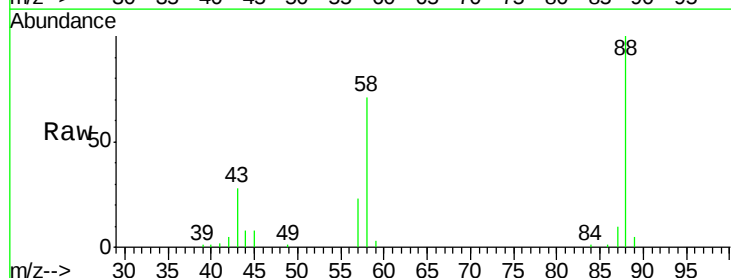
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



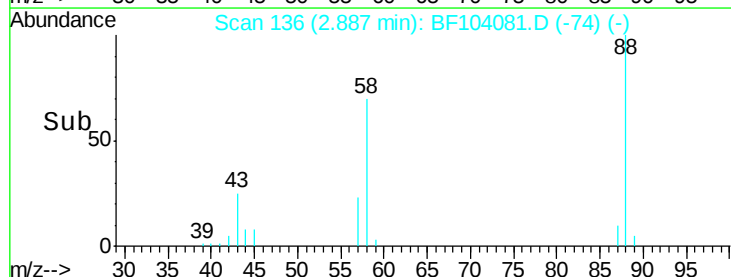
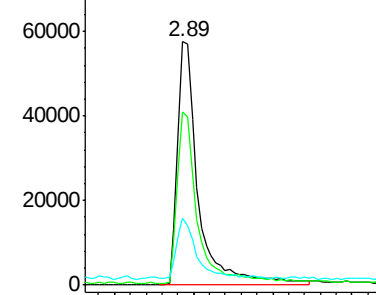
#2

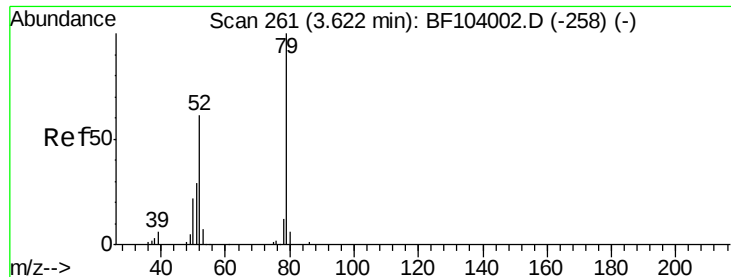
1,4-Dioxane
Concen: 37.025 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.06 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion: 88 Resp: 107345
Ion Ratio Lower Upper
88 100
58 67.9 62.6 93.8
43 23.8 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: 35.573 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.04 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

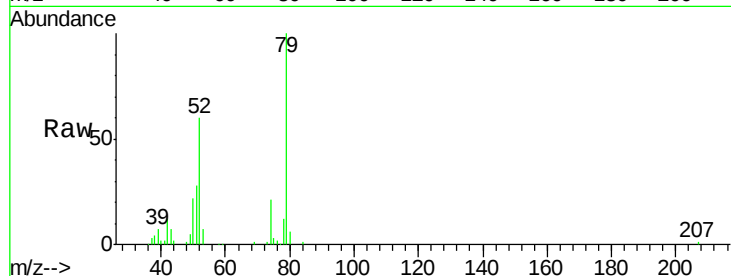
Tot Ion: 79 Resp: 261094

Ion Ratio Lower Upper

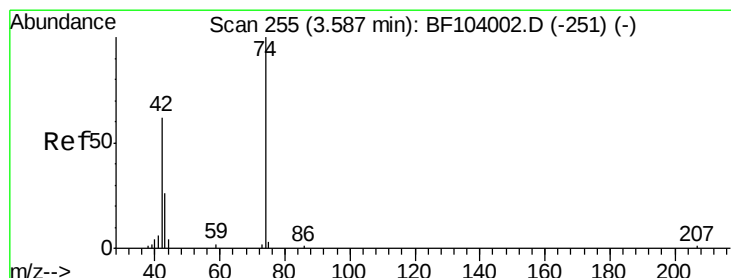
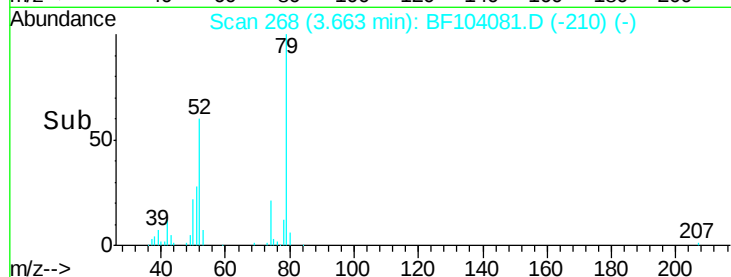
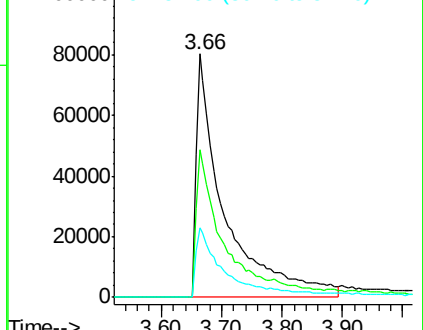
79 100

52 60.5 59.8 89.6

51 28.3 29.8 44.8#



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



#4

n-Nitrosodimethylamine

Concen: 37.106 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

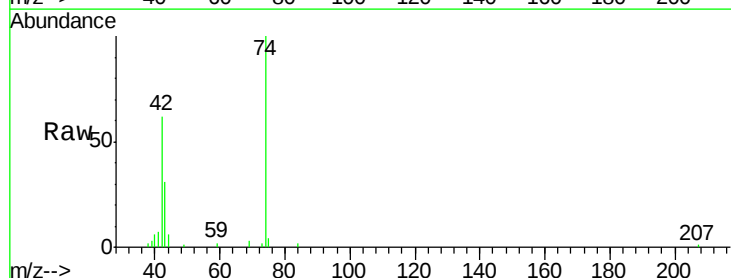
Tgt Ion: 42 Resp: 80953

Ion Ratio Lower Upper

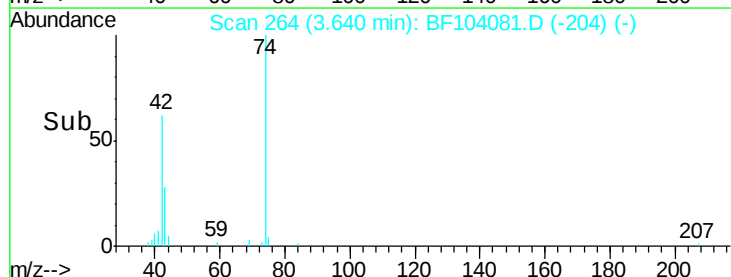
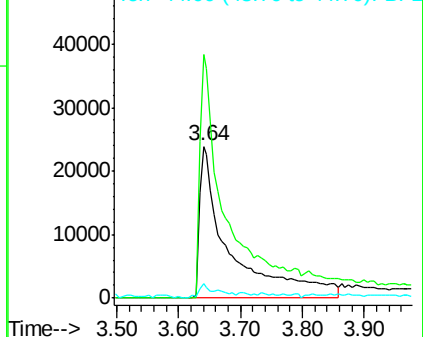
42 100

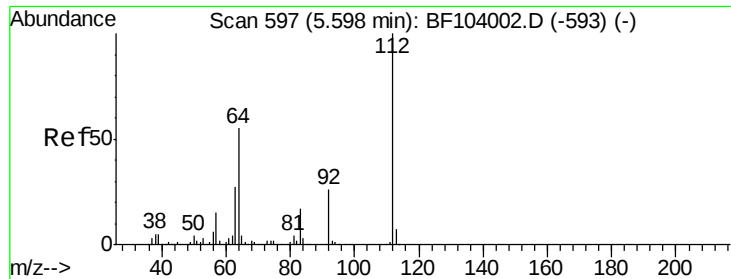
74 160.5 104.9 157.3#

44 9.4 6.9 10.3



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





#5

2-Fluorophenol

Concen: 90.454 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampled :

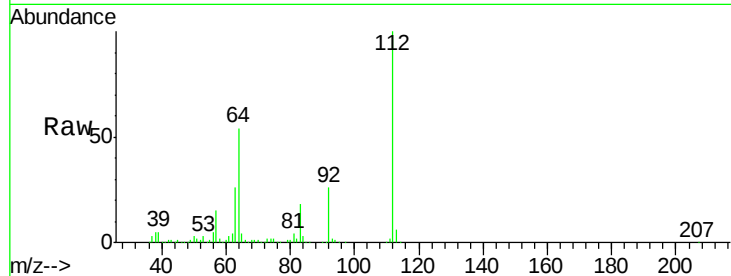
Tot Ion:112 Resp: 608055

Ion Ratio Lower Upper

112 100

64 53.8 47.9 71.9

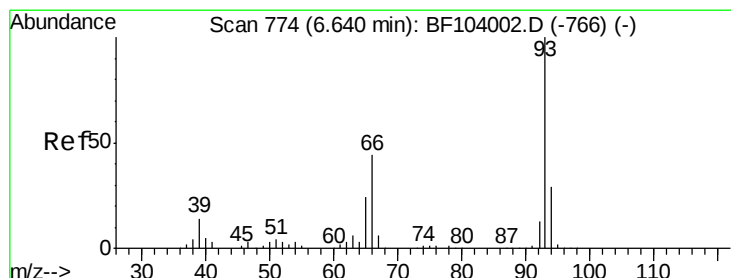
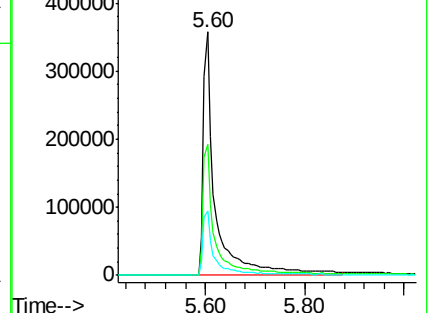
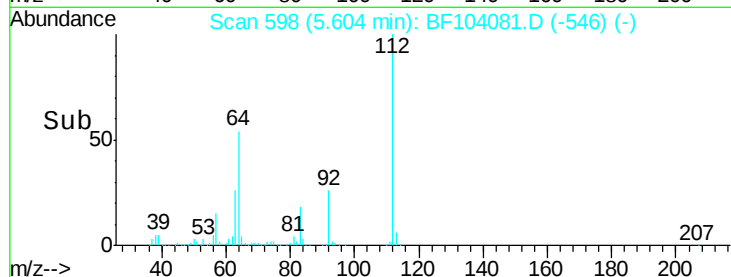
63 26.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.849 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

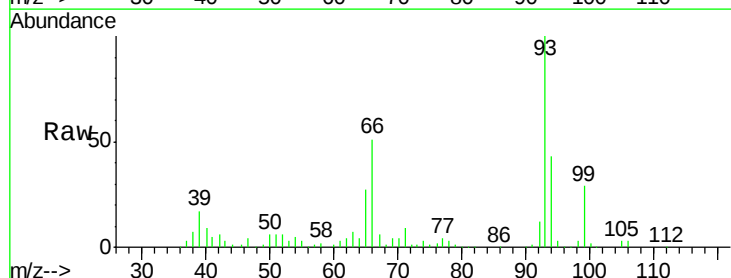
Tgt Ion: 93 Resp: 265823

Ion Ratio Lower Upper

93 100

66 50.9 32.2 48.2#

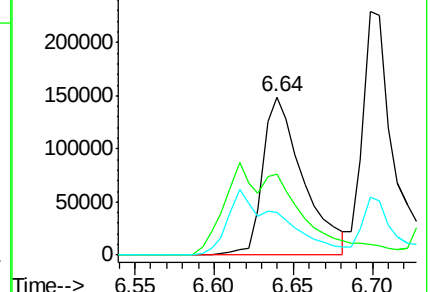
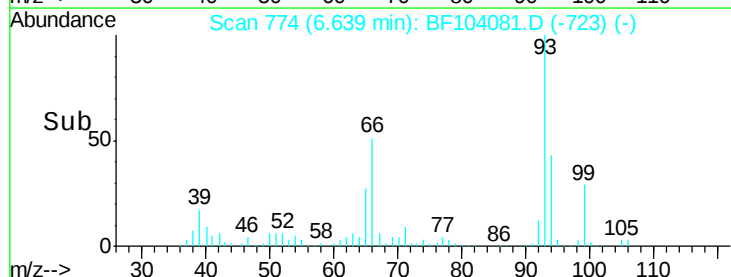
65 27.1 16.4 24.6#

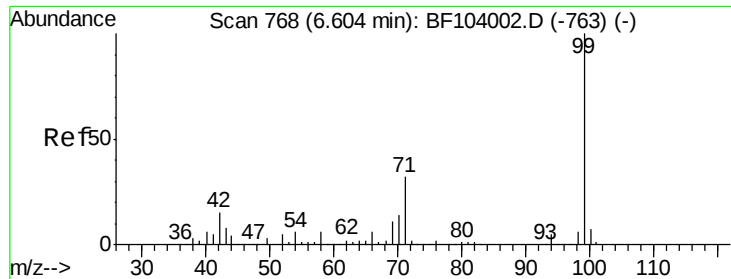


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.209 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

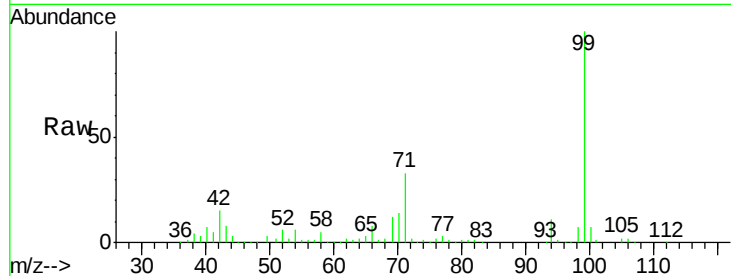
Tot Ion: 99 Resp: 737794

Ion Ratio Lower Upper

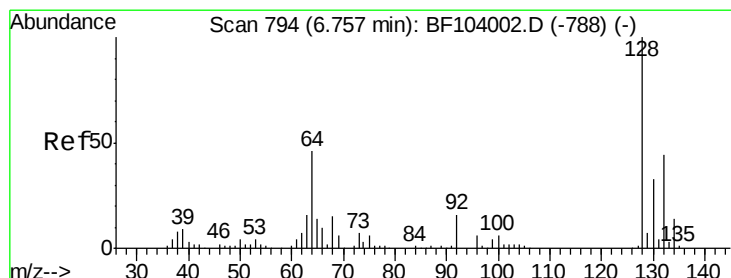
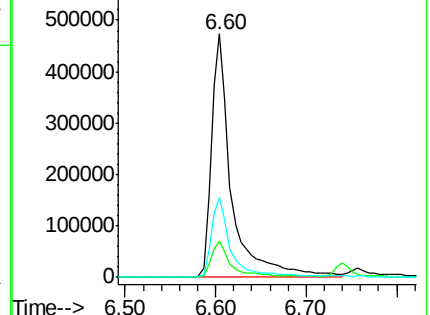
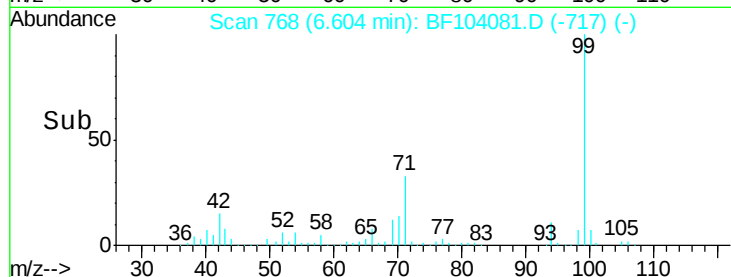
99 100

42 15.0 14.5 21.7

71 32.8 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: 47.127 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

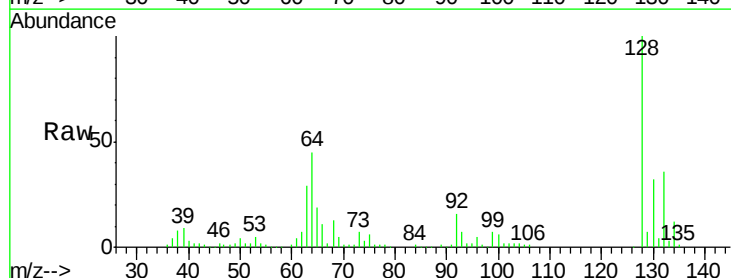
Tgt Ion: 128 Resp: 347515

Ion Ratio Lower Upper

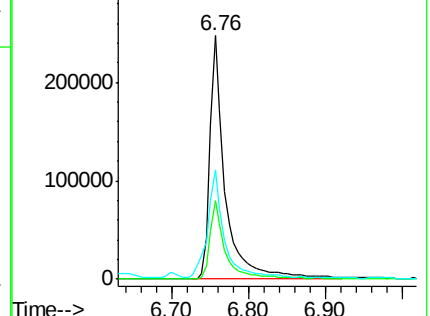
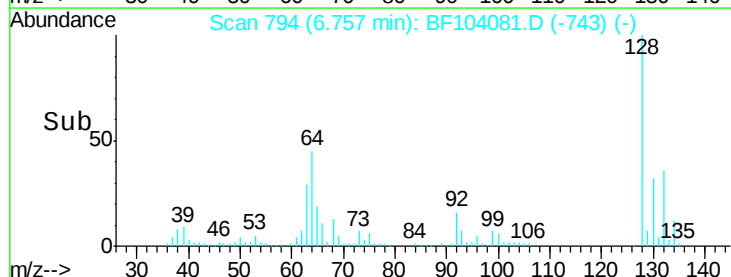
128 100

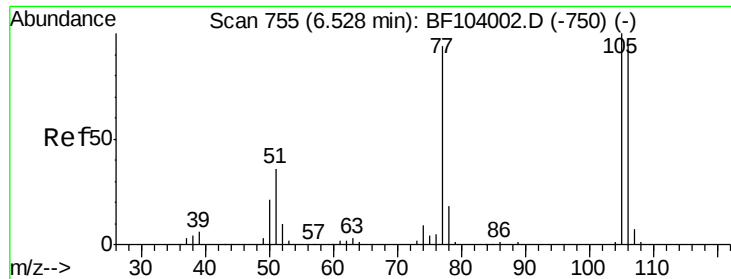
130 32.5 13.0 53.0

64 44.8 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: 18.982 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

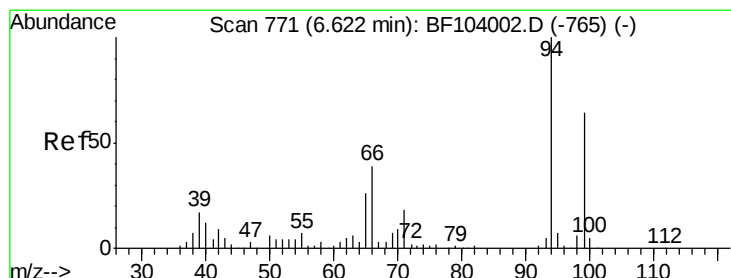
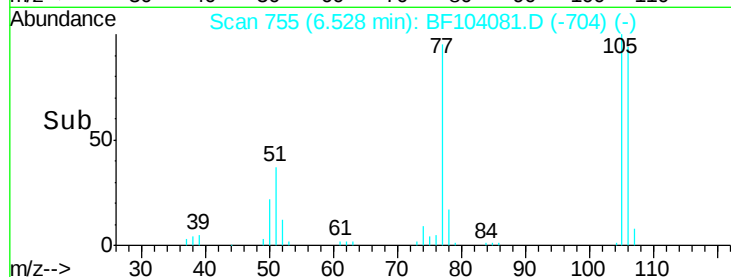
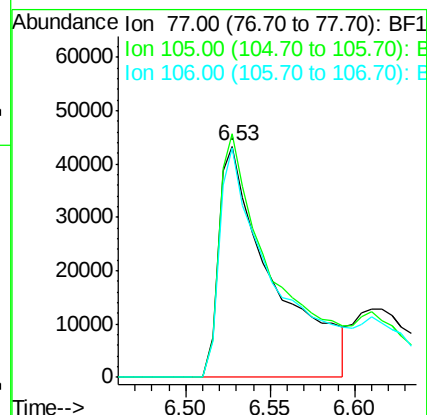
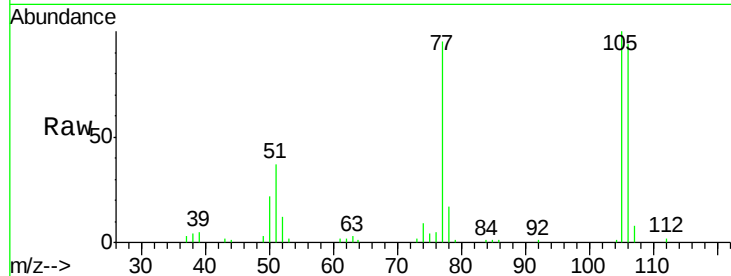
Tot Ion: 77 Resp: 96051

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

106 99.6 74.5 114.5



#10

Phenol

Concen: 42.535 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

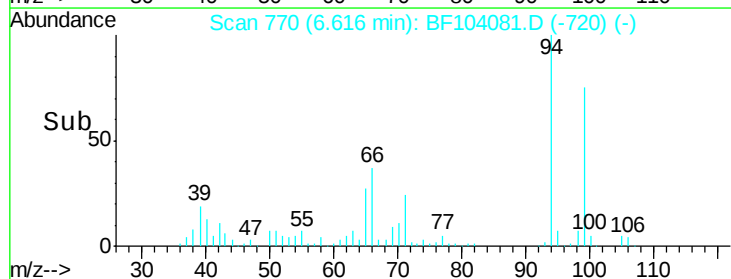
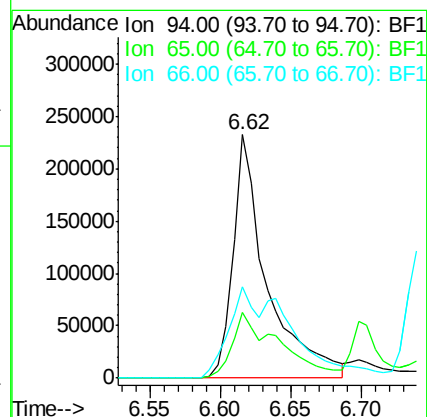
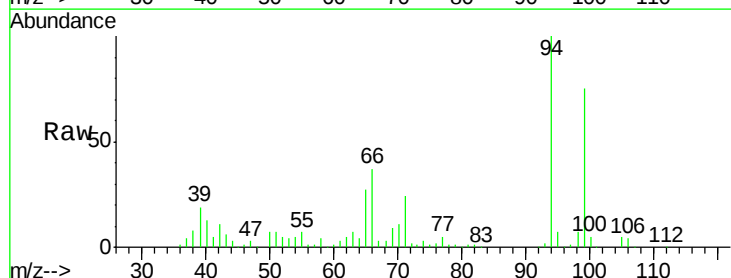
Tgt Ion: 94 Resp: 389774

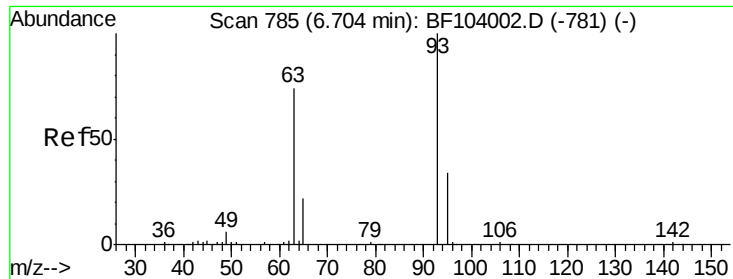
Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

66 37.3 16.2 56.2

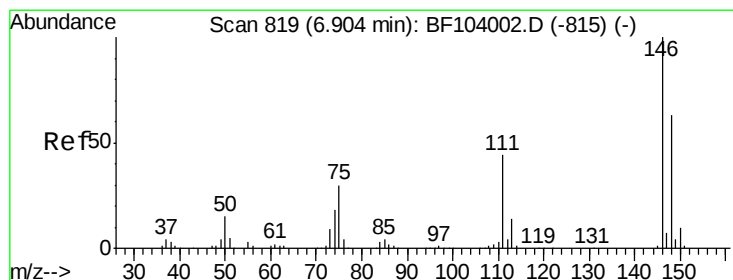
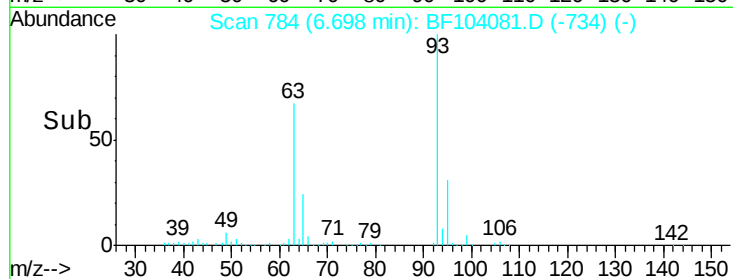
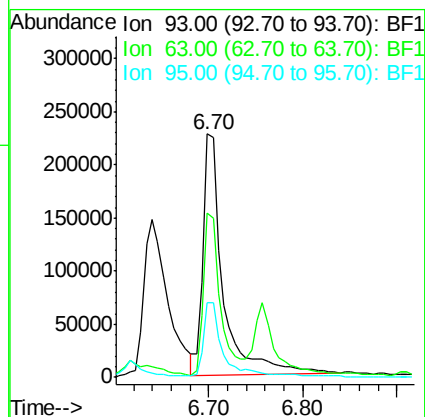
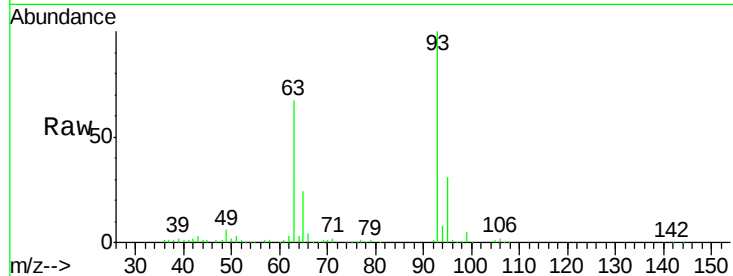




#11
bis(2-Chloroethyl)ether
Concen: 43.155 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

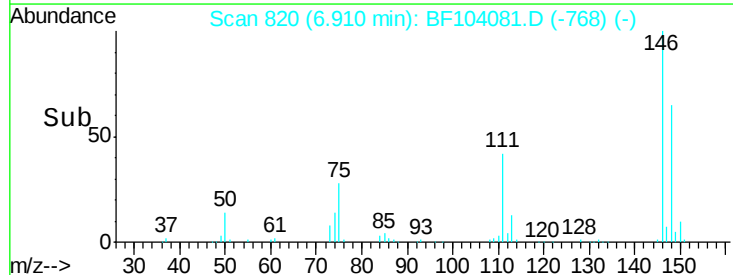
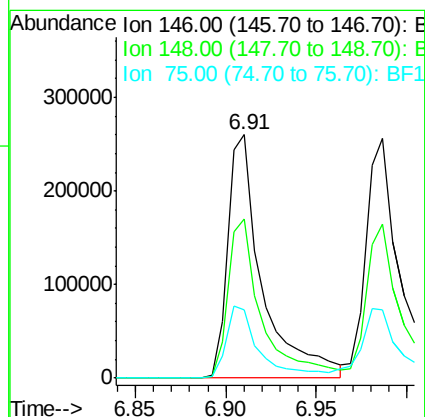
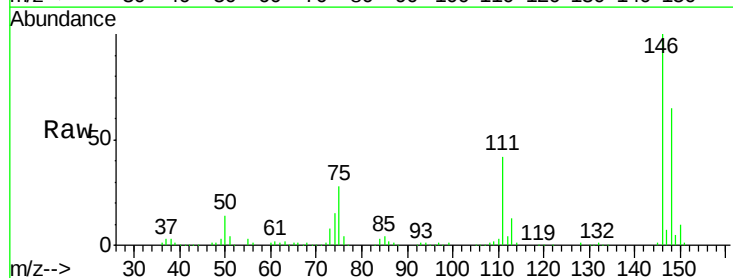
Instrument :
BNA_F
ClientSampleId :

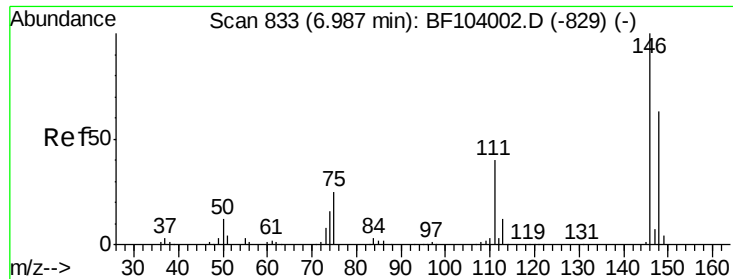
Tot Ion: 93 Resp: 340773
Ion Ratio Lower Upper
93 100
63 67.5 58.6 98.6
95 30.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.659 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion: 146 Resp: 345313
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 28.1 24.2 36.4

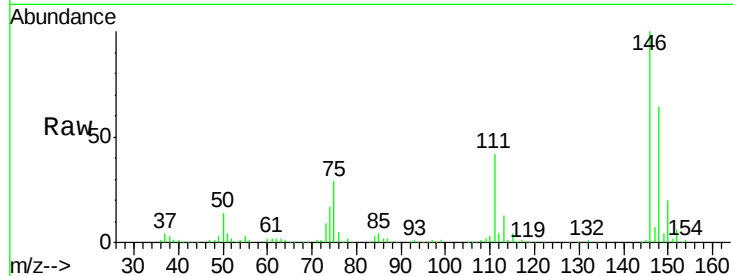




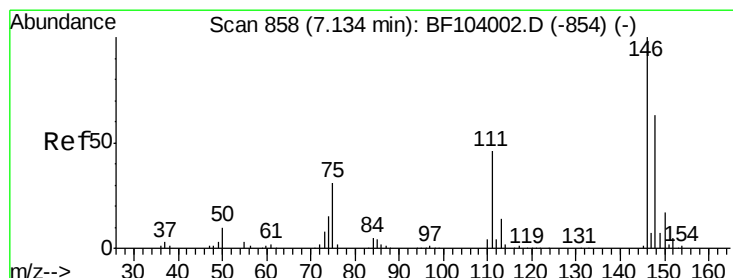
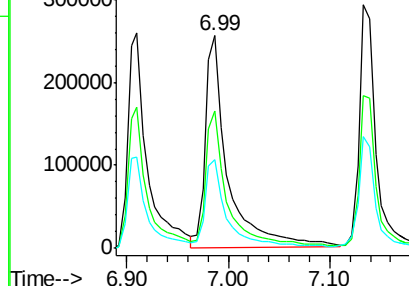
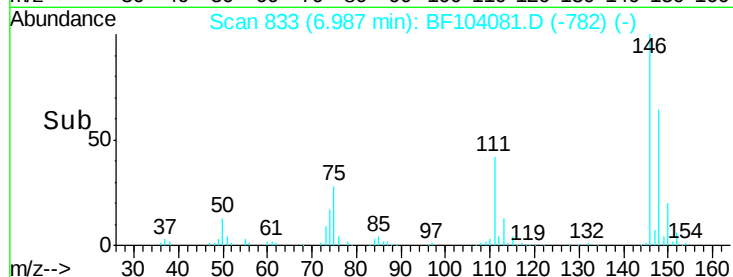
#13
 1,4-Dichlorobenzene
 Concen: 44.566 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 395816
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 41.5 34.2 51.2

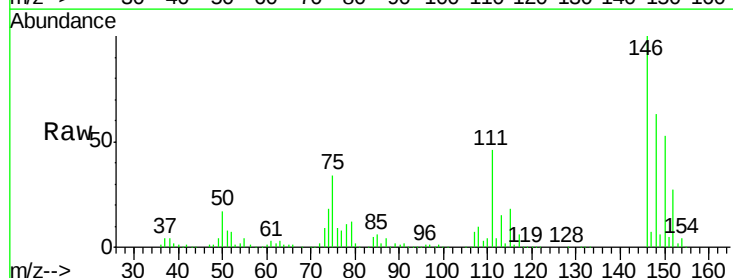


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

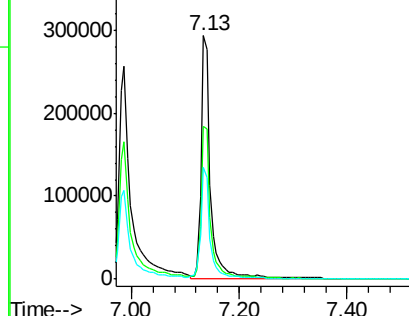
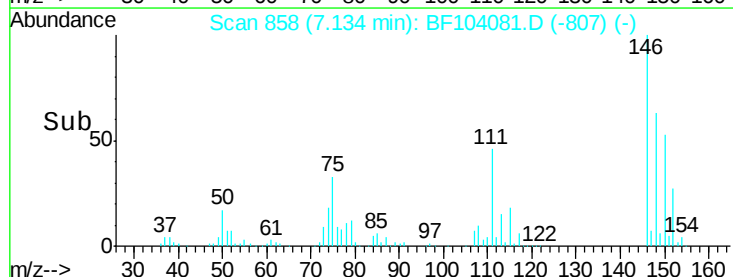


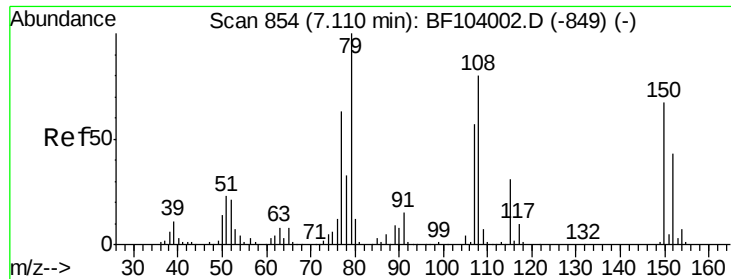
#14
 1,2-Dichlorobenzene
 Concen: 44.731 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion:146 Resp: 357087
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 45.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

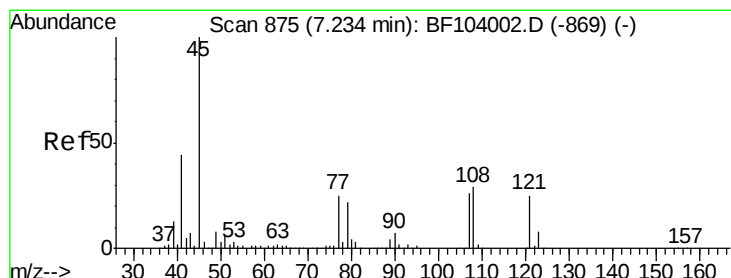
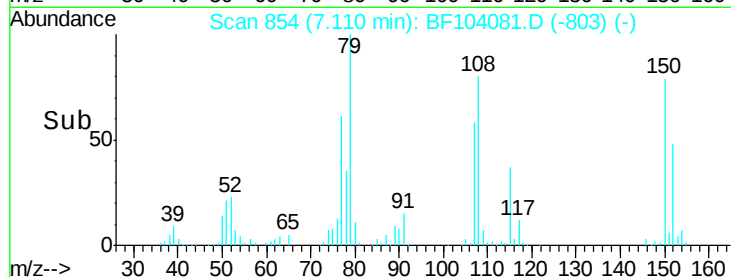
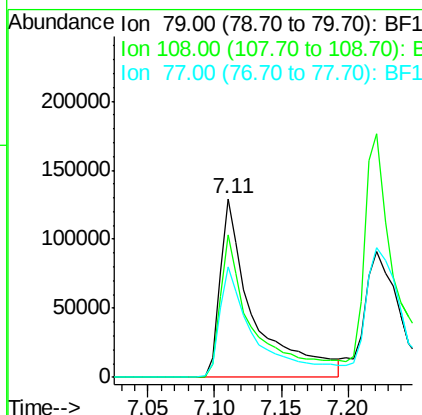
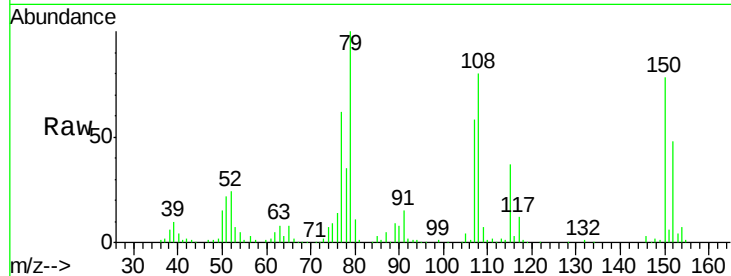




#15
Benzyl Alcohol
Concen: 42.555 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

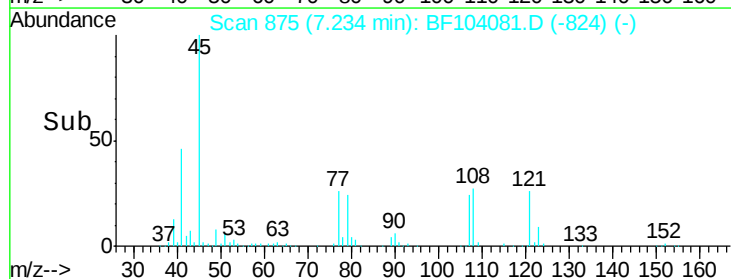
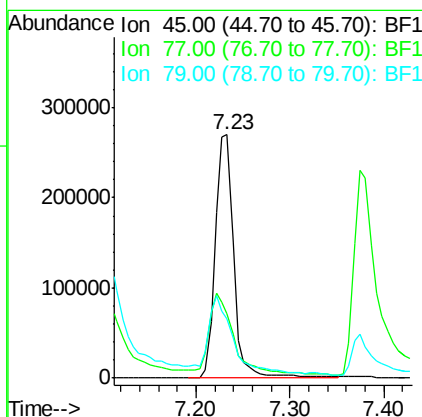
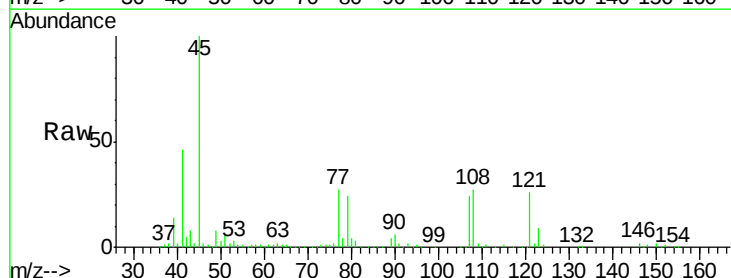
Instrument :
BNA_F
ClientSampleId :

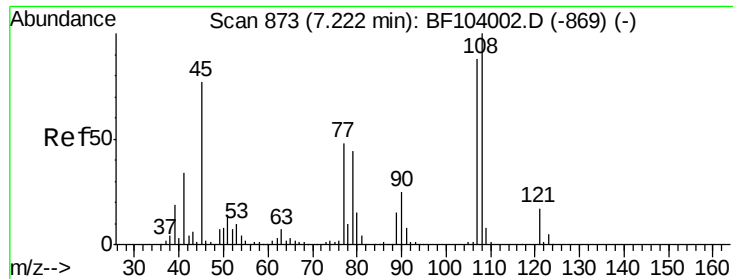
Tot Ion: 79 Resp: 228830
Ion Ratio Lower Upper
79 100
108 79.7 65.1 97.7
77 62.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.514 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion: 45 Resp: 374341
Ion Ratio Lower Upper
45 100
77 26.6 0.0 32.9
79 24.3 0.0 29.6

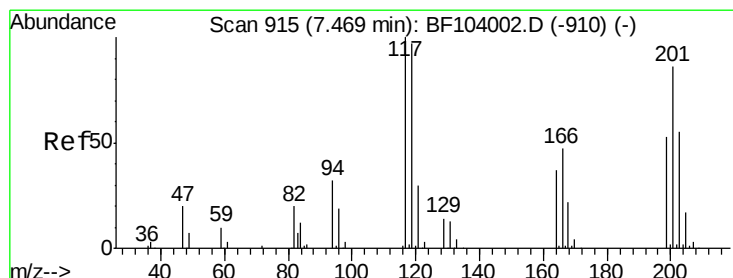
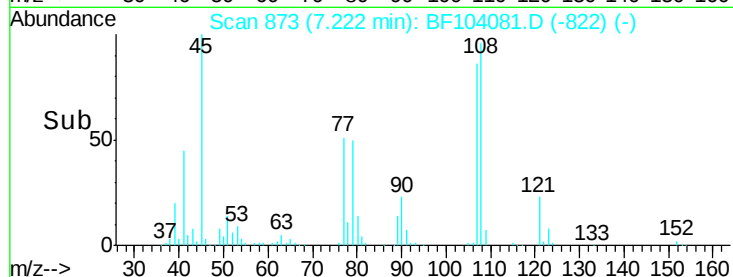
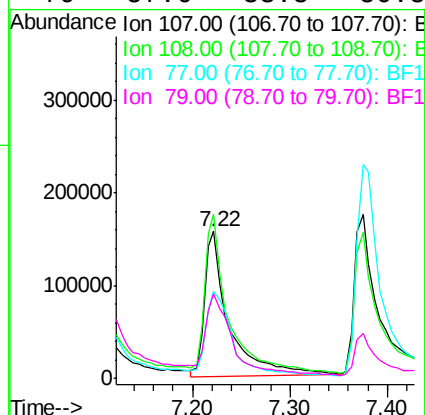
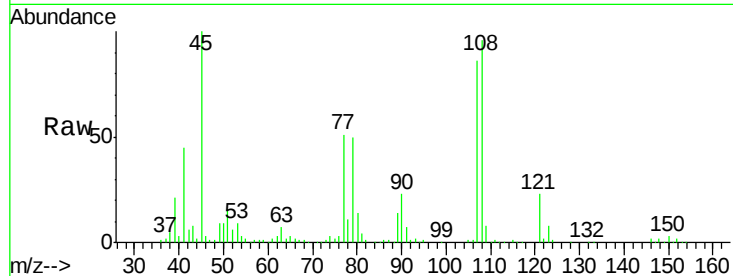




#17
2-Methylphenol
Concen: 44.894 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

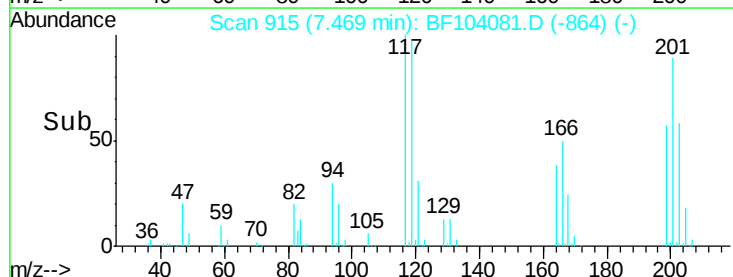
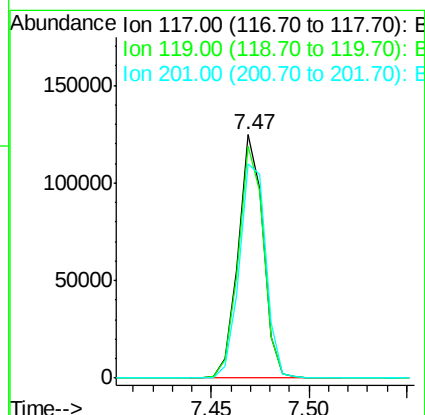
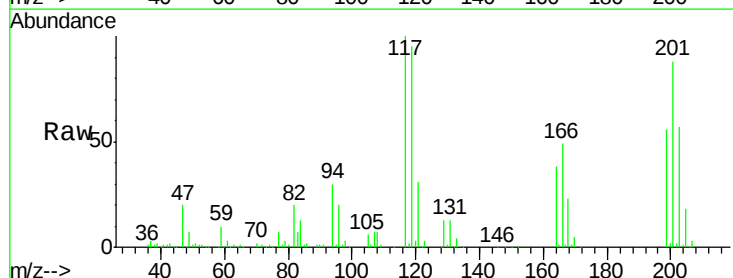
Instrument :
BNA_F
ClientSampleId :

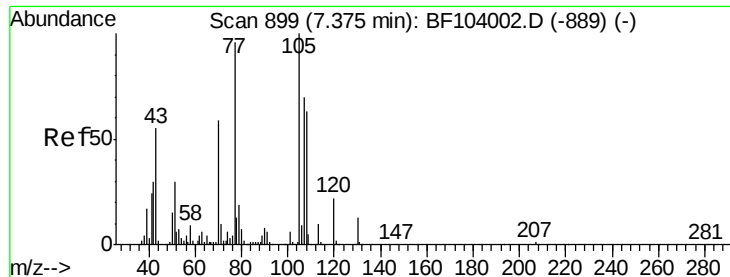
Tot Ion:107 Resp: 269439
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 59.3 33.8 50.8#
79 57.6 33.8 50.8#



#18
Hexachloroethane
Concen: 37.157 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:117 Resp: 110493
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 87.9 75.7 113.5

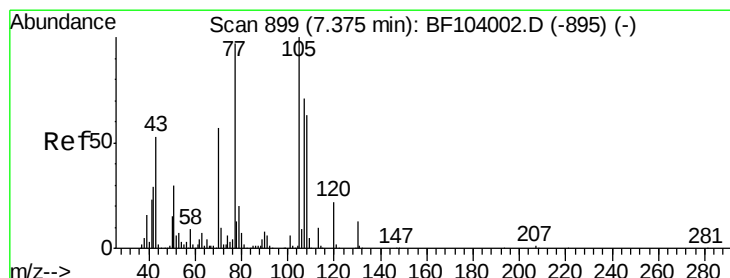
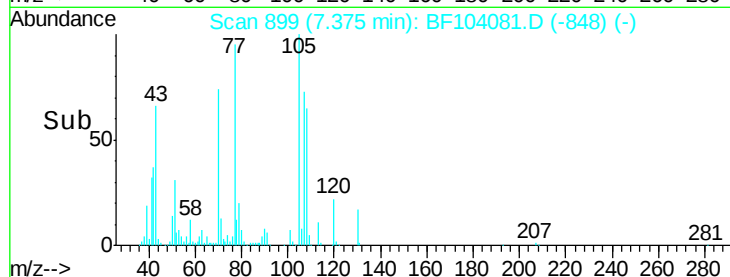
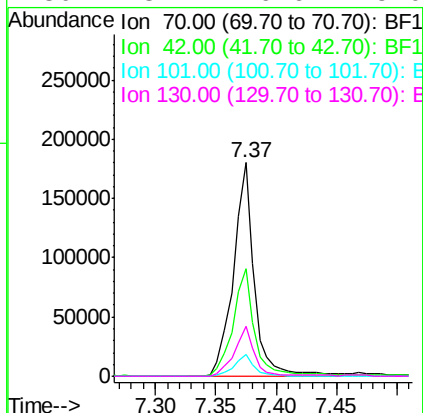
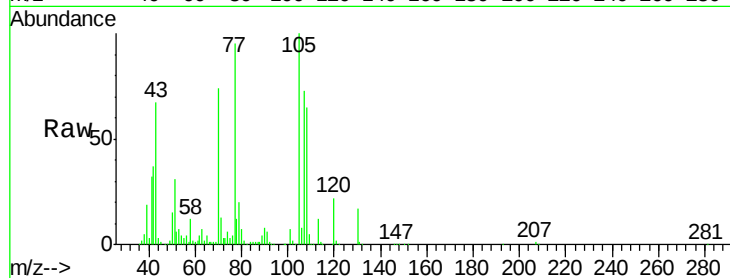




#19
n-Nitroso-di-n-propylamine
Concen: 44.500 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

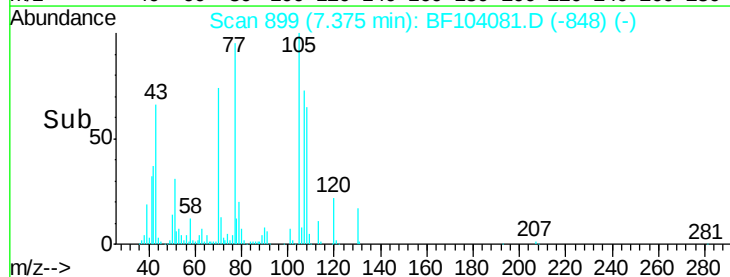
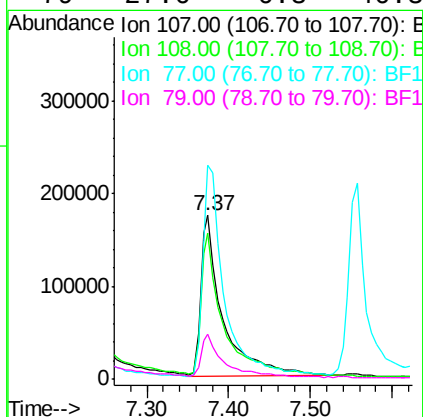
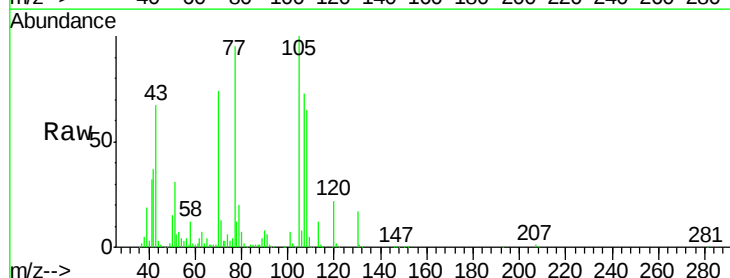
Instrument :
BNA_F
ClientSampleId :

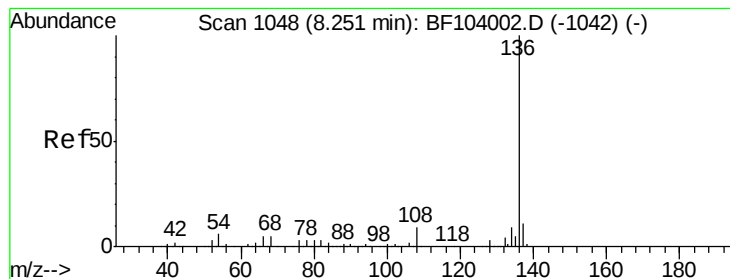
Tot Ion: 70 Resp: 218412
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 10.1 7.4 11.2
130 23.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.001 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion: 107 Resp: 329371
Ion Ratio Lower Upper
107 100
108 89.3 68.2 108.2
77 130.7 26.7 66.7#
79 27.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 439607

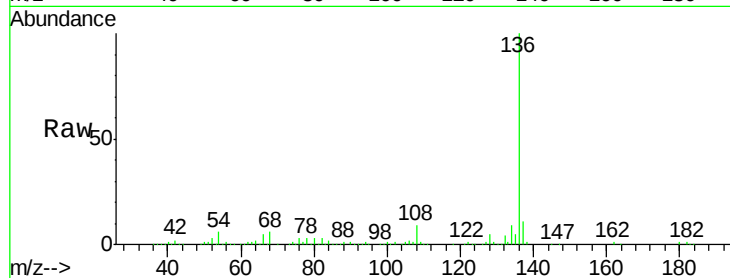
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.9 6.6 9.8#

68 5.5 5.0 7.4

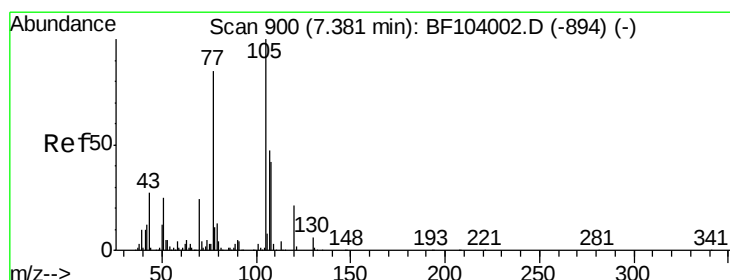
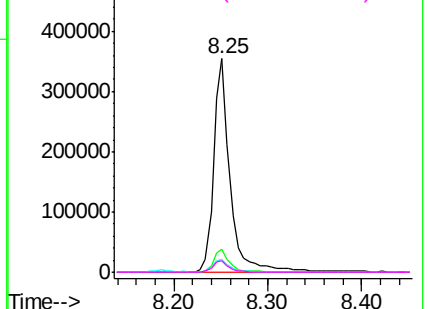
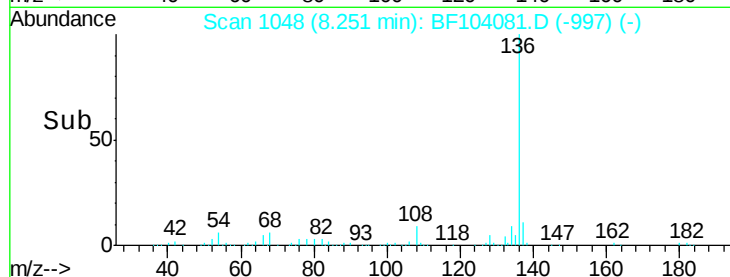


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.187 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Tgt Ion:105 Resp: 469984

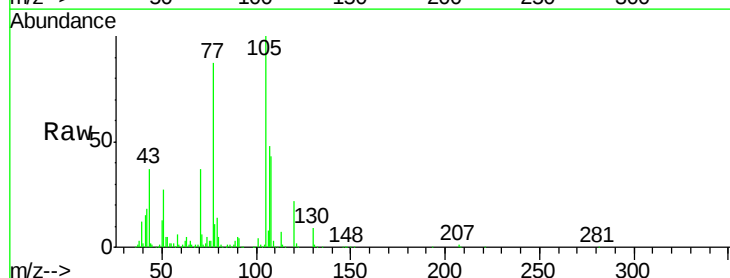
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 26.7 22.3 33.5

120 22.0 16.9 25.3

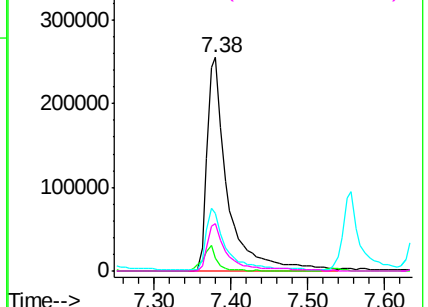
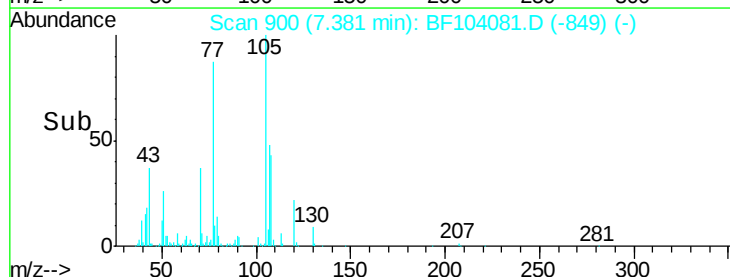


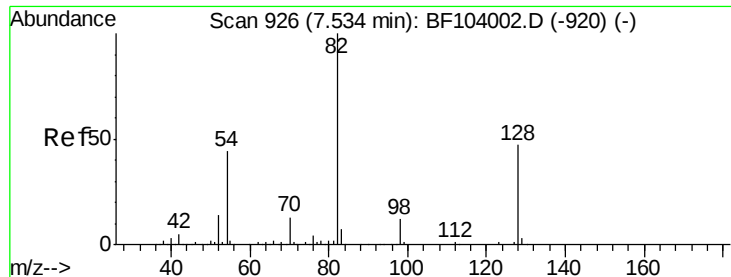
Abundance Ion 105.00 (104.70 to 105.70): E

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

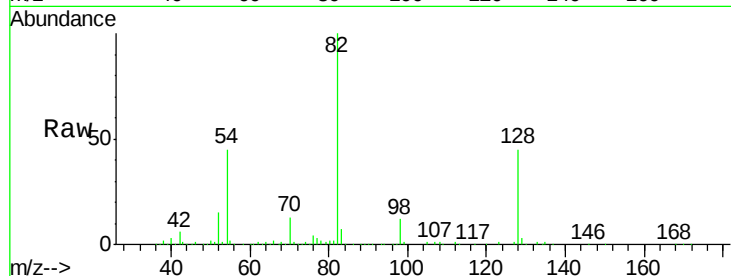




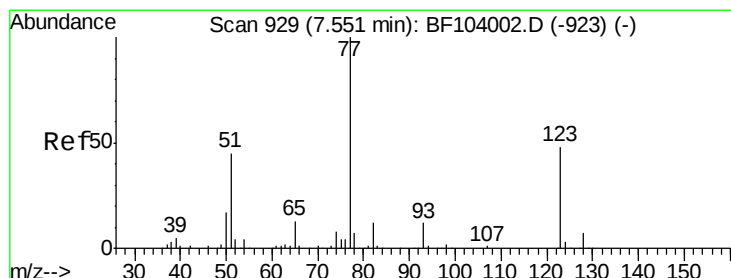
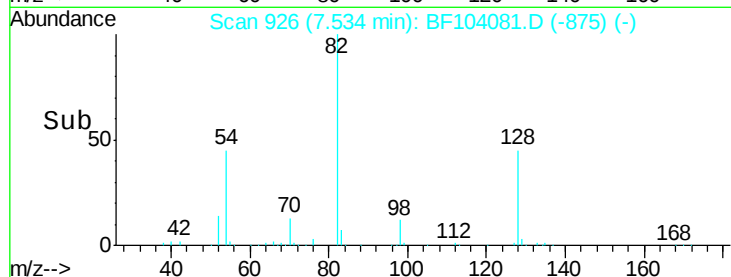
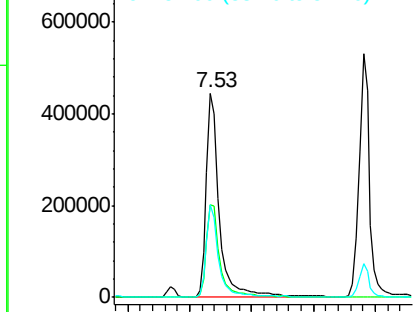
#23
 Nitrobenzene-d5
 Concen: 92.516 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 665038
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 45.1 41.4 62.2

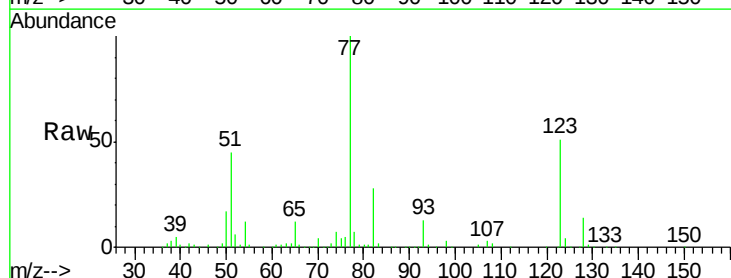


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

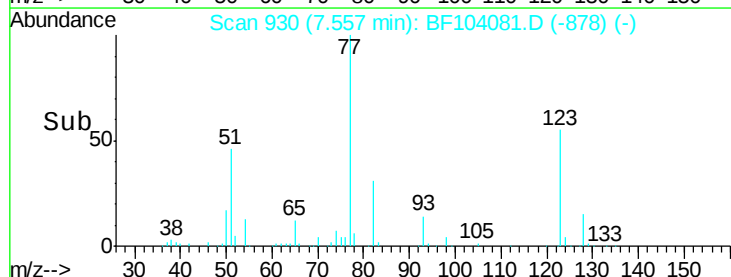
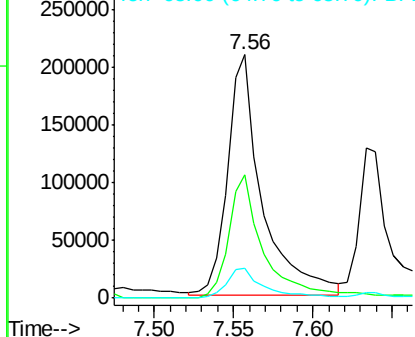


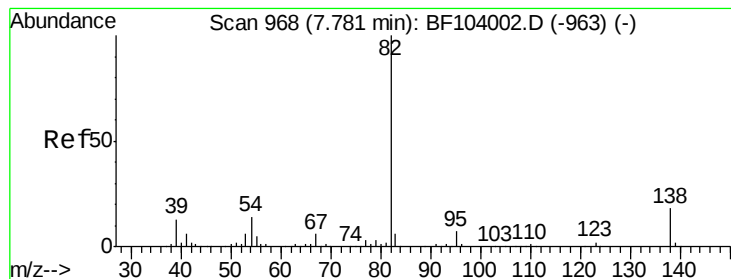
#24
 Nitrobenzene
 Concen: 41.506 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion: 77 Resp: 313923
 Ion Ratio Lower Upper
 77 100
 123 50.6 37.9 56.9
 65 12.1 11.0 16.4



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





#25

Isophorone

Concen: 46.926 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

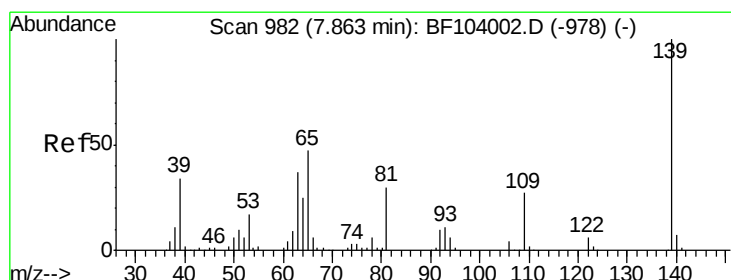
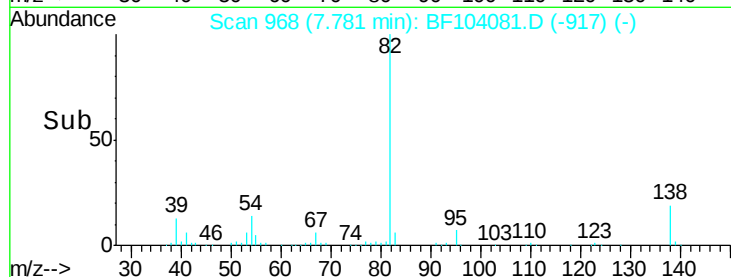
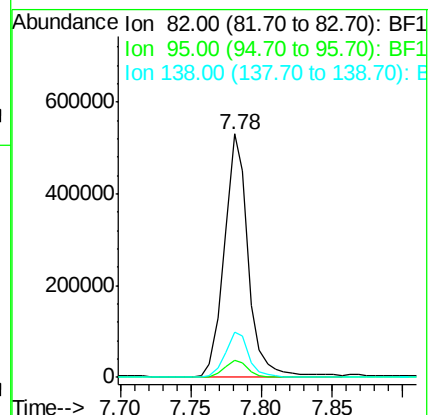
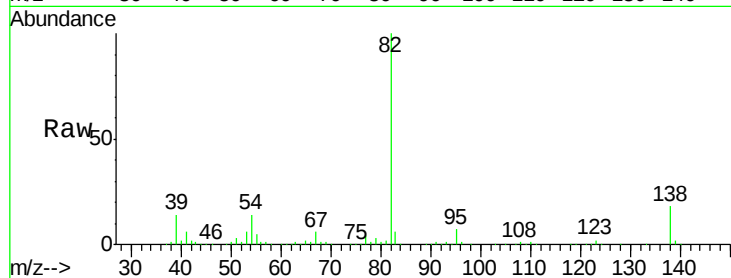
Tot Ion: 82 Resp: 621643

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 39.182 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

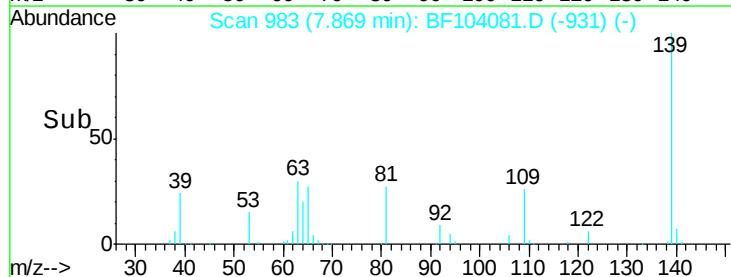
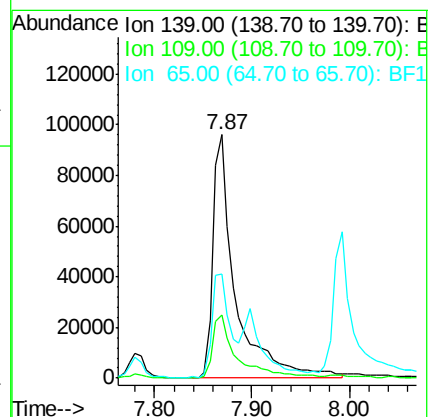
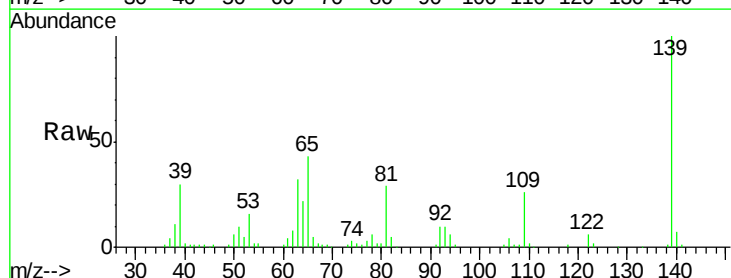
Tgt Ion: 139 Resp: 154690

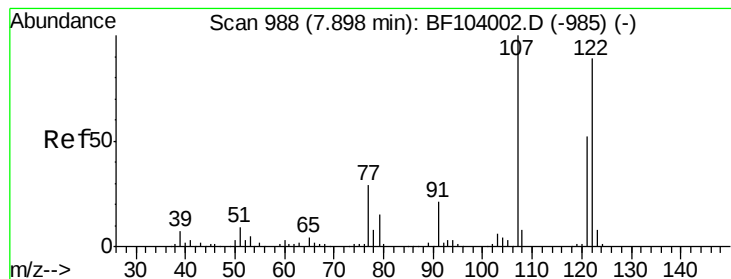
Ion Ratio Lower Upper

139 100

109 25.9 22.7 34.1

65 42.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 53.261 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

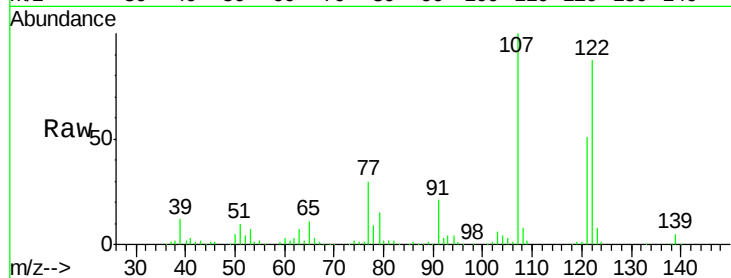
Tot Ion:122 Resp: 303258

Ion Ratio Lower Upper

122 100

107 114.7 91.2 136.8

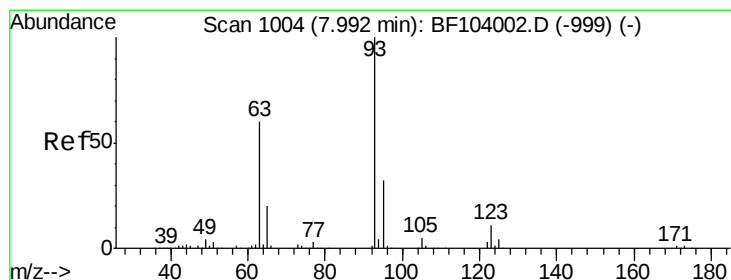
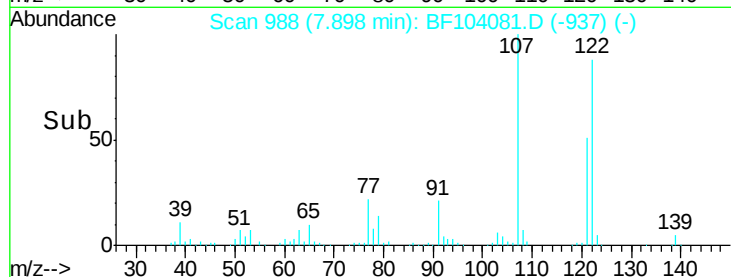
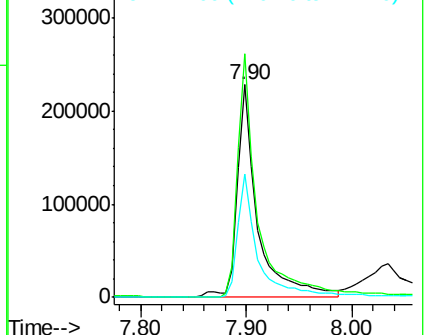
121 58.2 47.2 70.8



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: 48.165 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

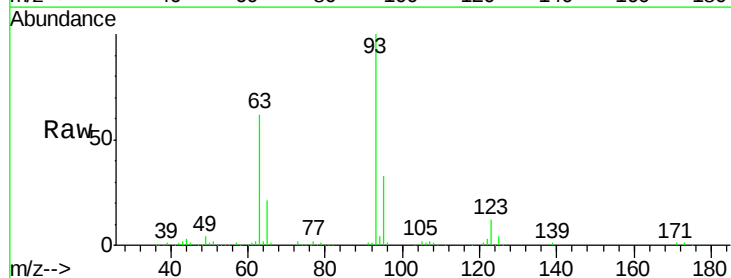
Tgt Ion: 93 Resp: 399907

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

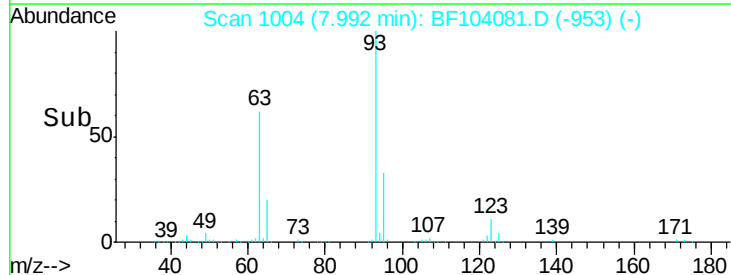
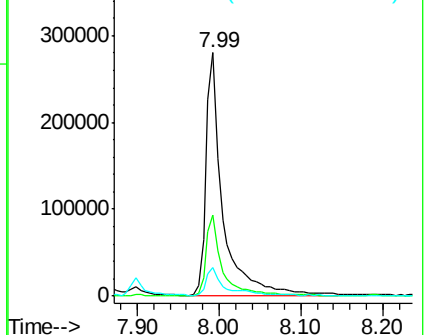
123 11.6 9.8 14.6

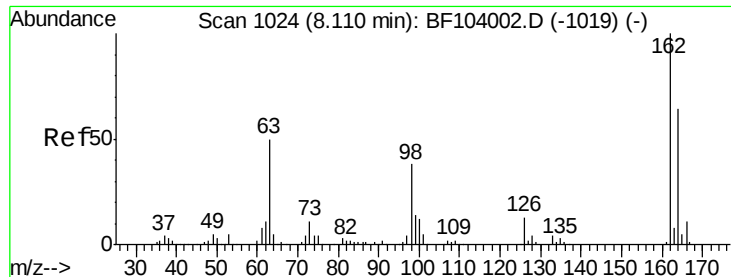


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

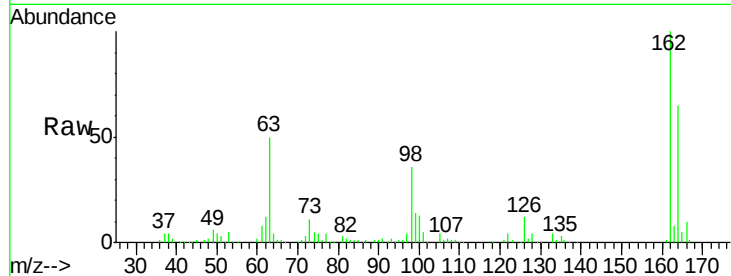




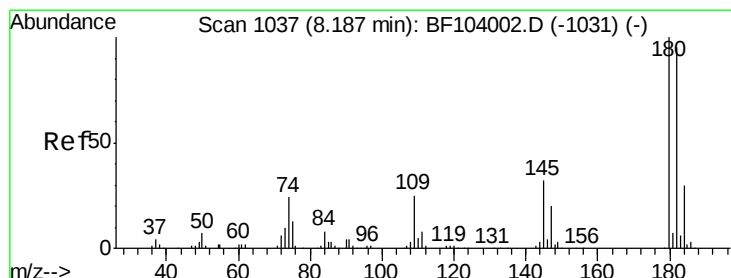
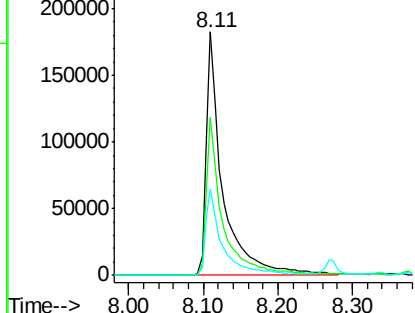
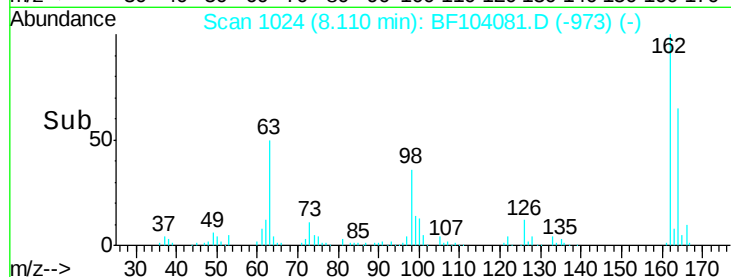
#29
 2,4-Dichlorophenol
 Concen: 47.429 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	35.6	18.1	58.1

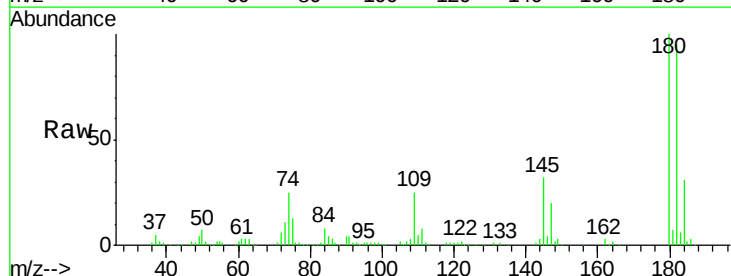


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

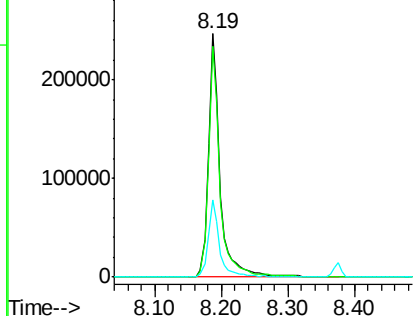
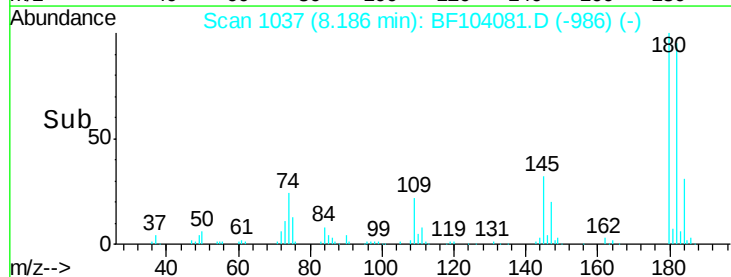


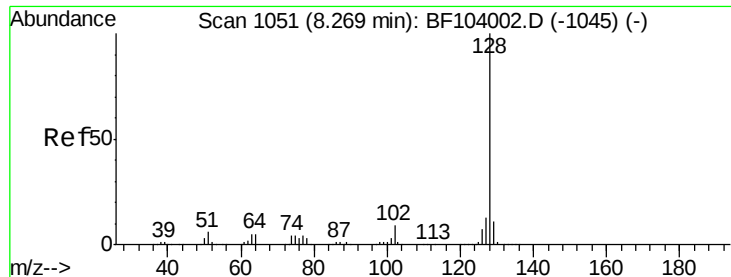
#30
 1,2,4-Trichlorobenzene
 Concen: 44.710 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	31.7	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

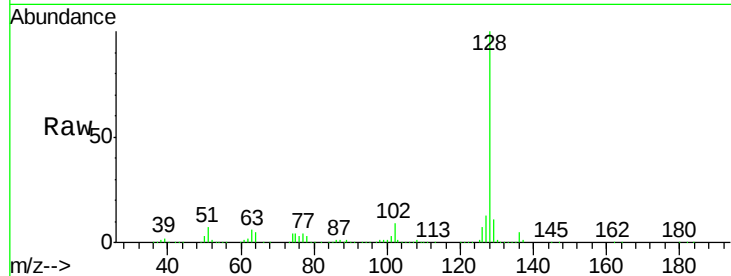




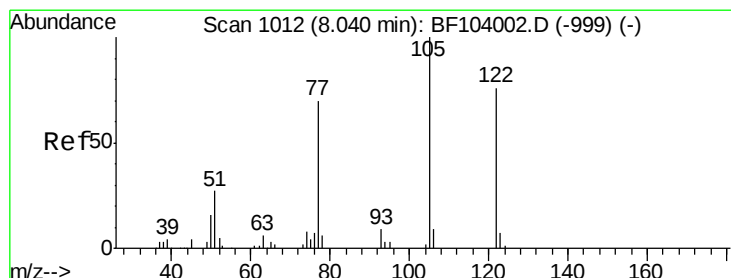
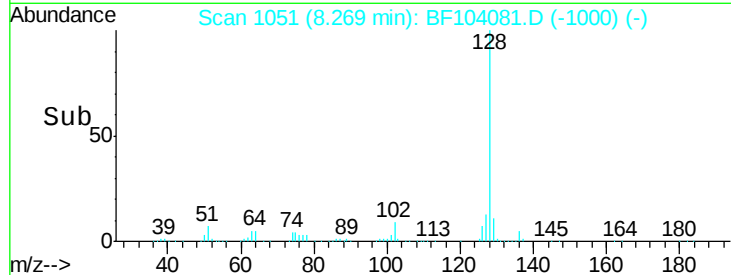
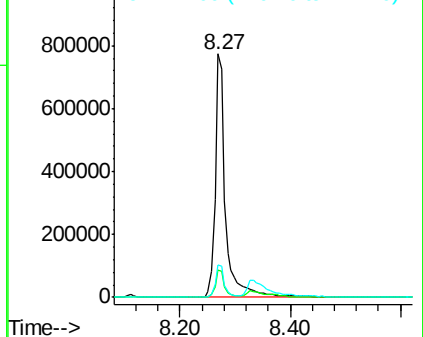
#31
Naphthalene
Concen: 46.694 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1002819
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

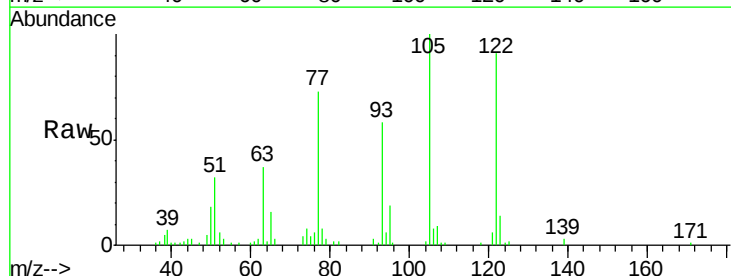


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

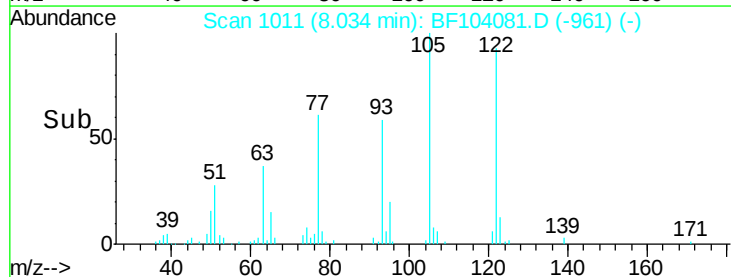
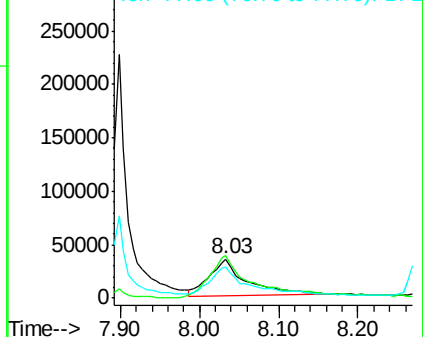


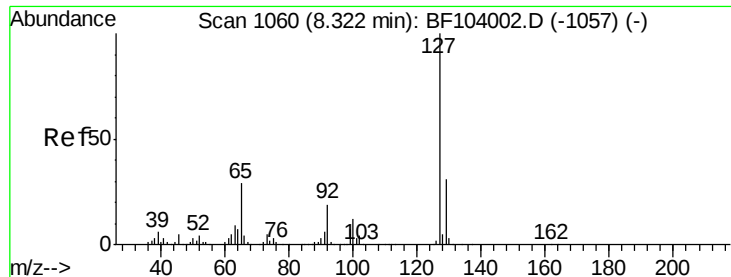
#32
Benzoic acid
Concen: 27.272 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:122 Resp: 113754
Ion Ratio Lower Upper
122 100
105 110.0 101.1 141.1
77 80.5 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

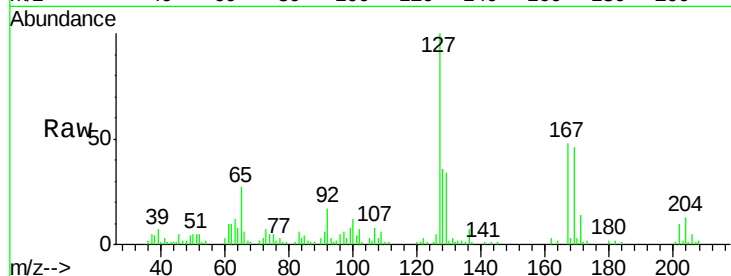




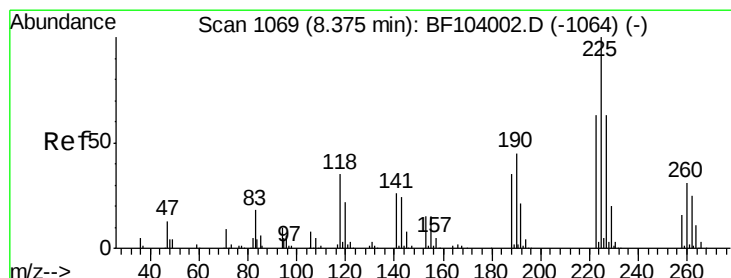
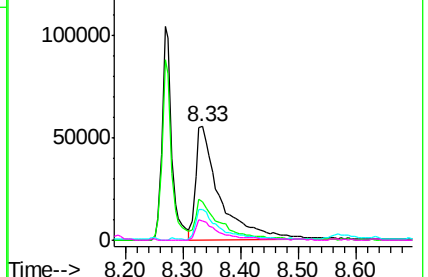
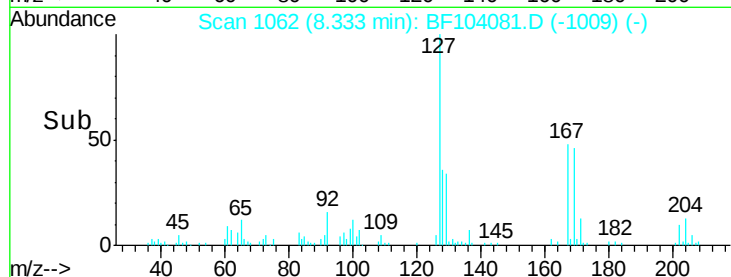
#33
4-Chloroaniline
Concen: 17.926 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	162301
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.9	38.9
65	26.9	25.0	37.4
92	17.1	15.2	22.8

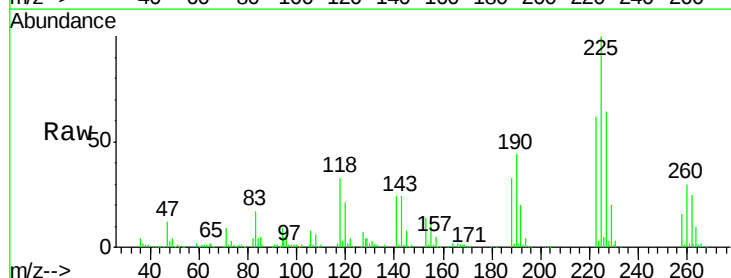


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

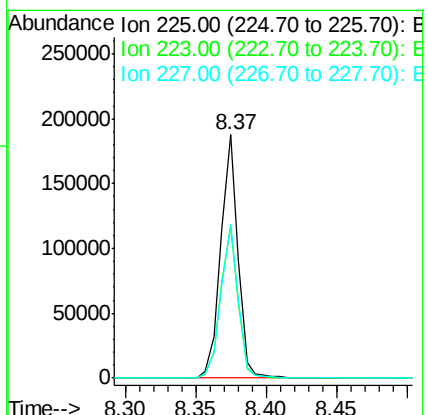
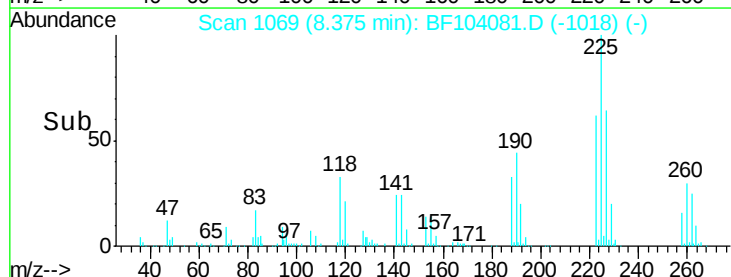


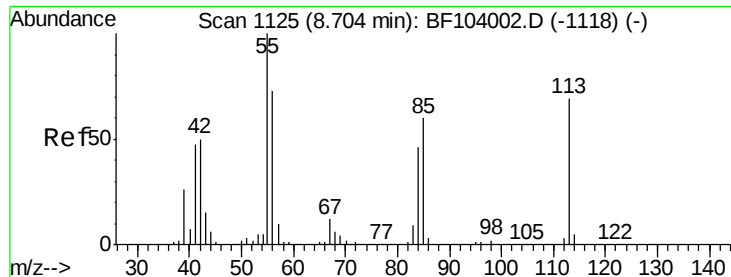
#34
Hexachlorobutadiene
Concen: 43.424 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:	225	Resp:	159452
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.5	51.9	77.9



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

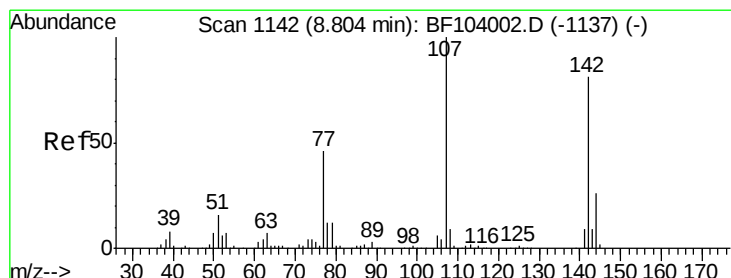
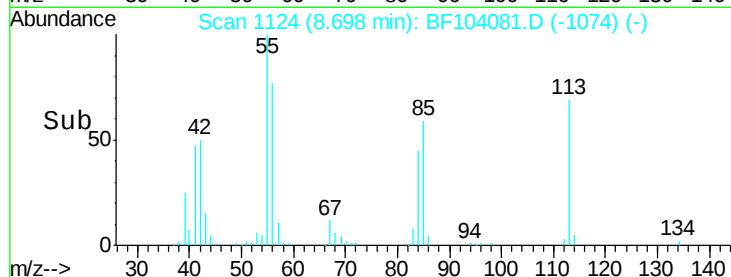
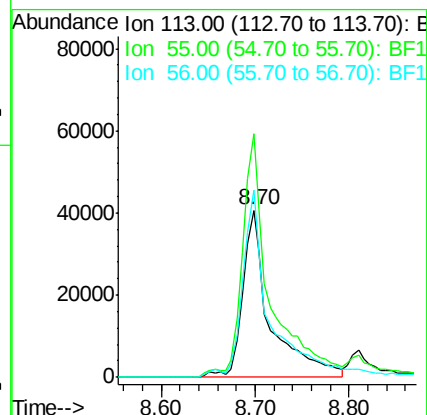
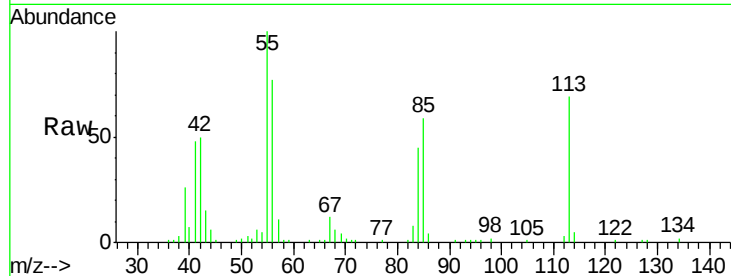




#35
 Caprolactam
 Concen: 43.808 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

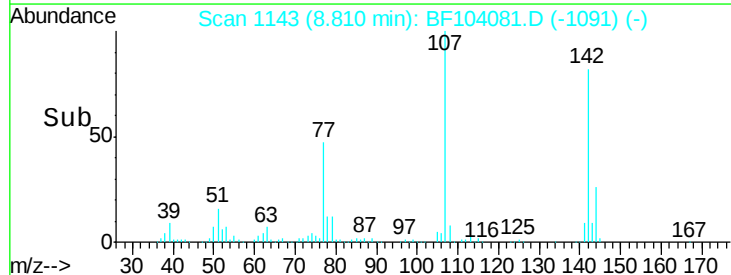
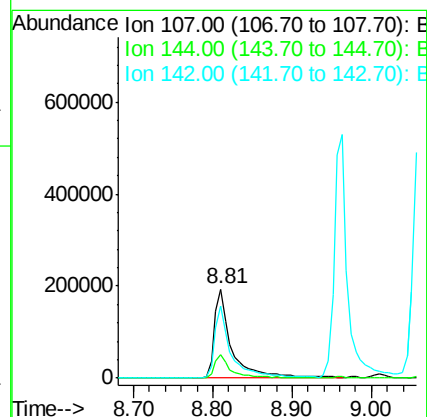
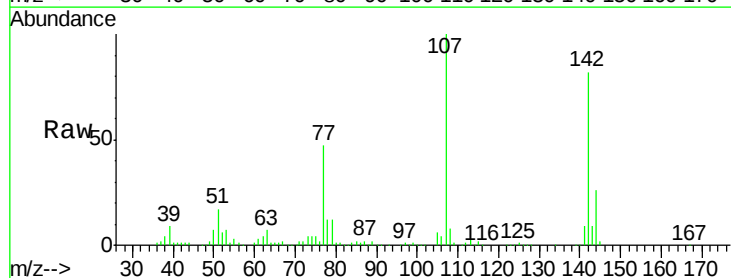
Instrument :
 BNA_F
 ClientSampleId :

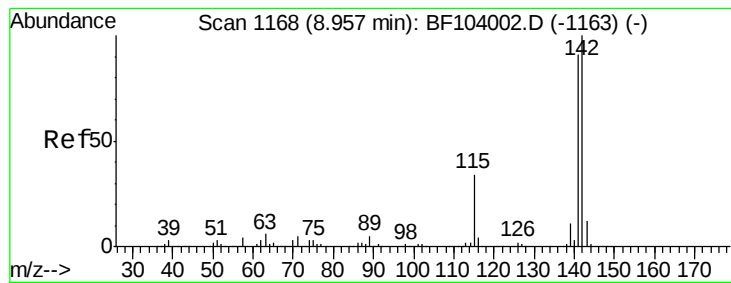
Tot Ion:113 Resp: 82610
 Ion Ratio Lower Upper
 113 100
 55 145.7 163.3 203.3#
 56 112.1 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 46.537 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion:107 Resp: 292737
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 81.7 62.0 93.0

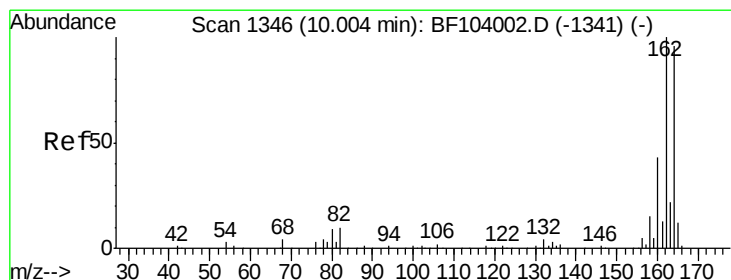
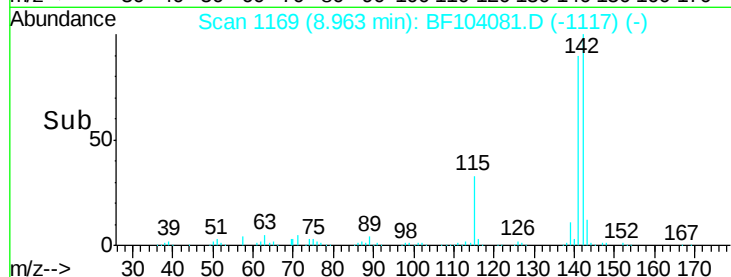
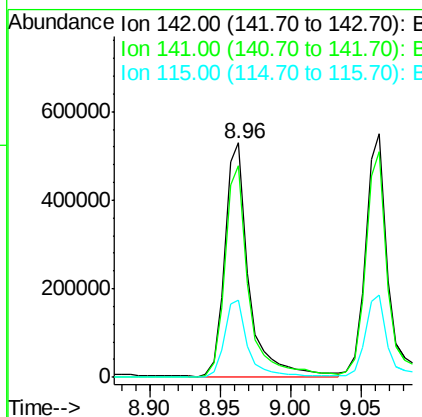
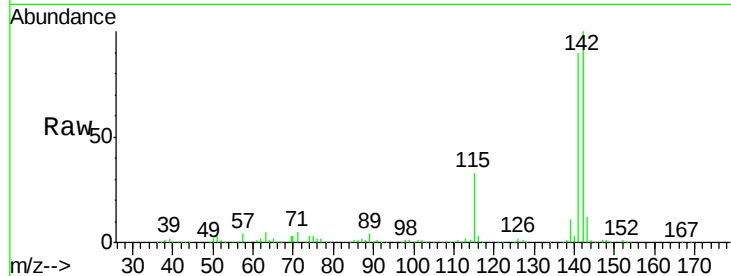




#37
 2-Methylnaphthalene
 Concen: 44.405 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

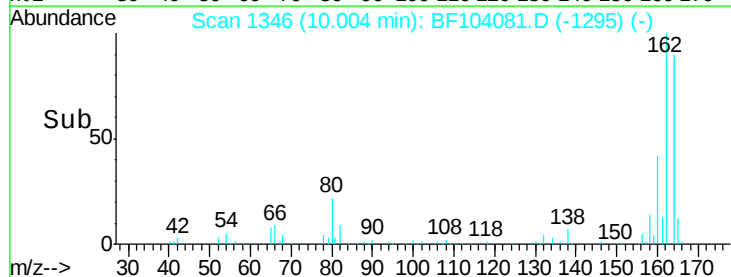
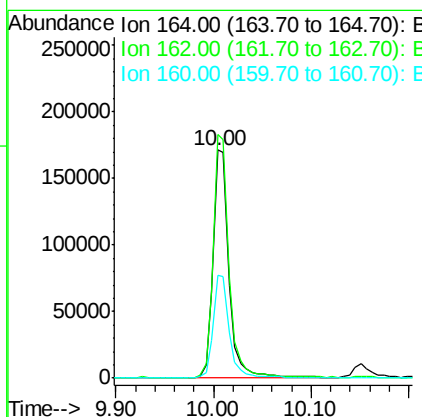
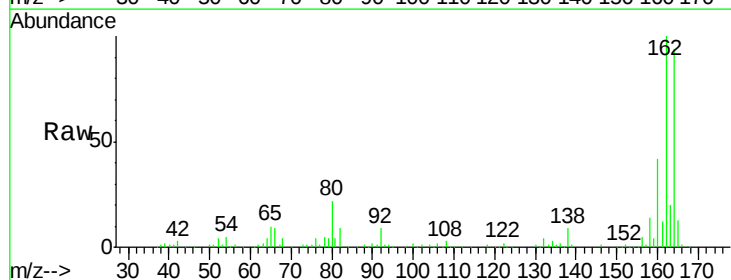
Instrument :
 BNA_F
 ClientSampleId :

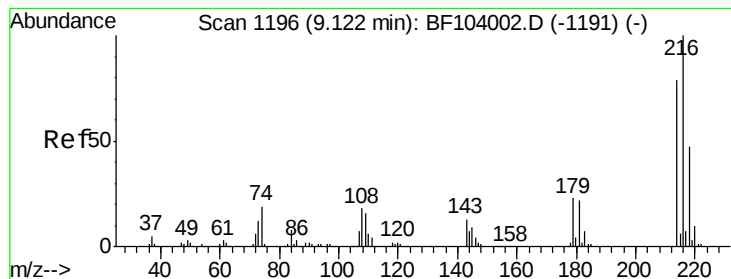
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.7	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.140 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 282645

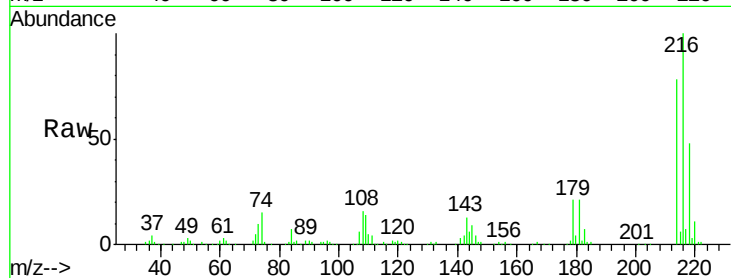
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 22.0 18.1 27.1

108 17.7 17.2 25.8

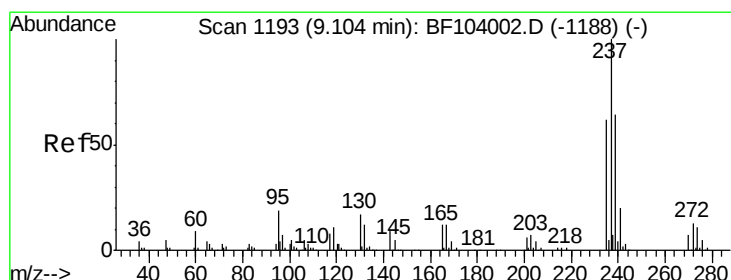
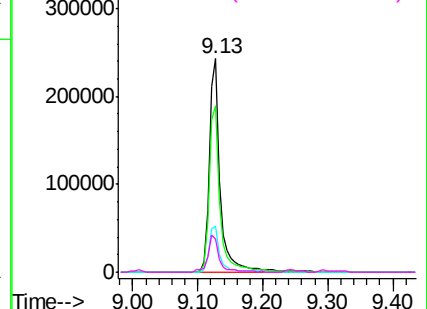
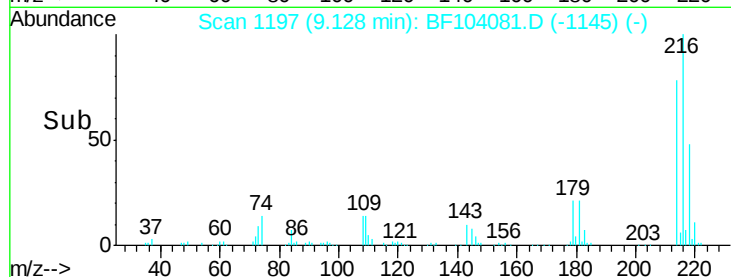


Abundance Ion 216.00 (215.70 to 216.70): E

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: 23.072 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

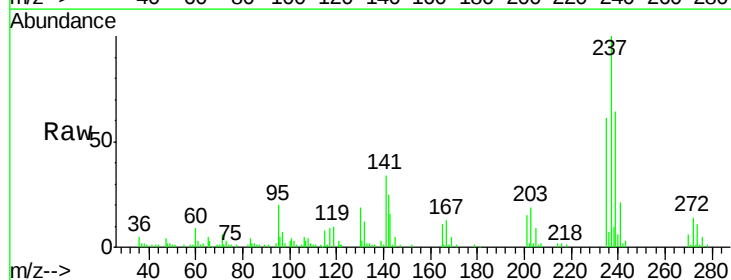
Tgt Ion:237 Resp: 53516

Ion Ratio Lower Upper

237 100

235 60.7 44.8 84.8

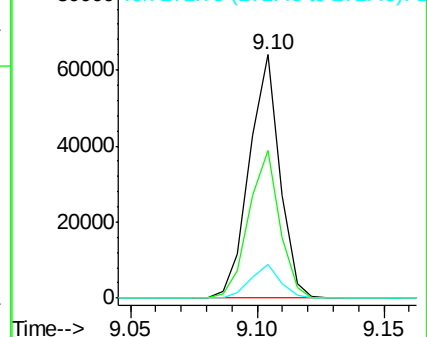
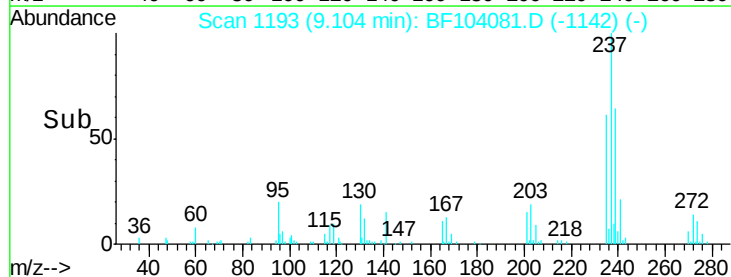
272 14.0 0.0 33.3

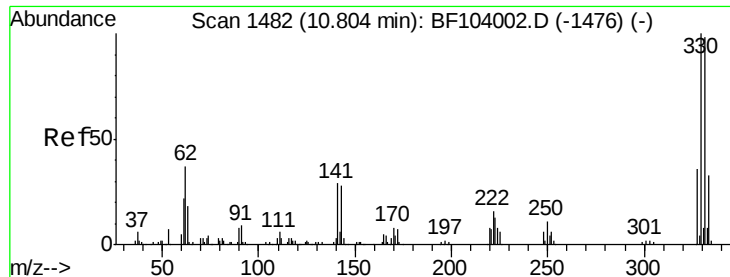


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

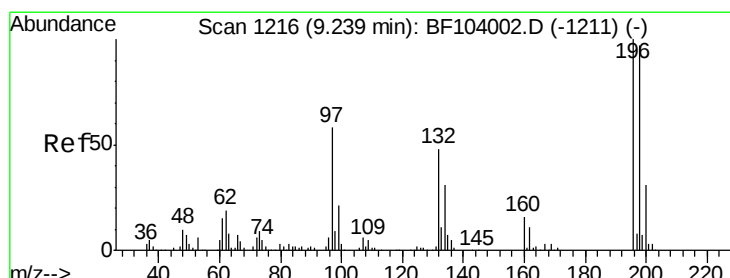
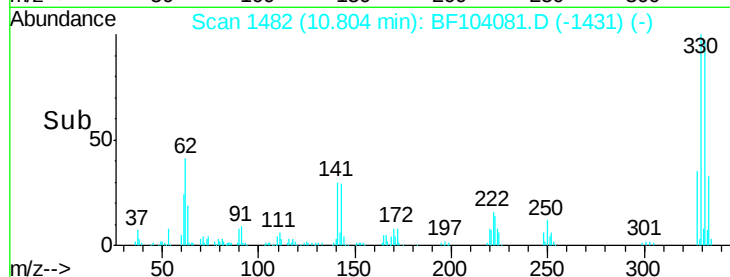
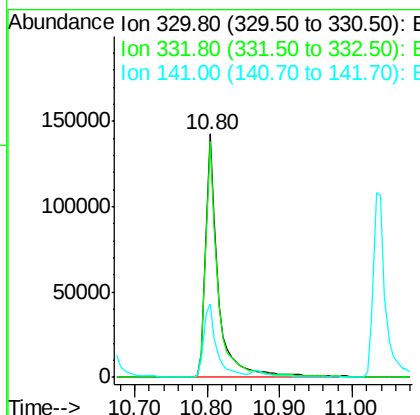
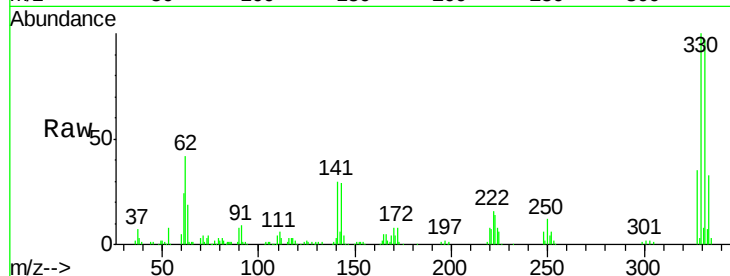




#41
 2,4,6-Tribromophenol
 Concen: 80.172 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

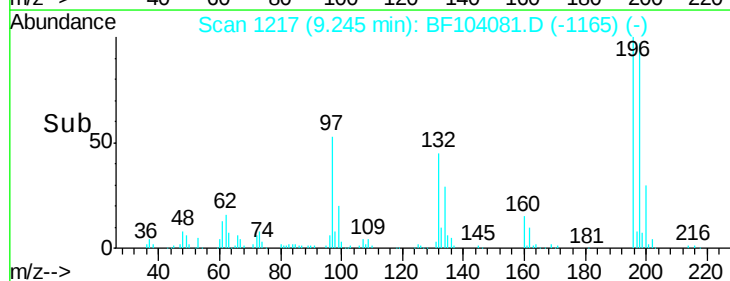
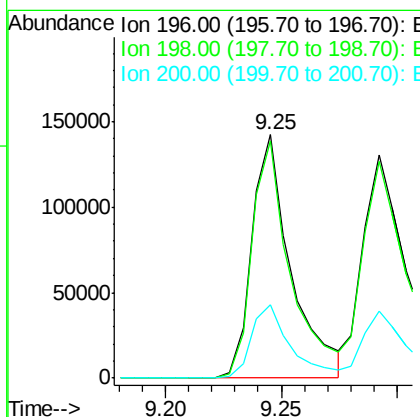
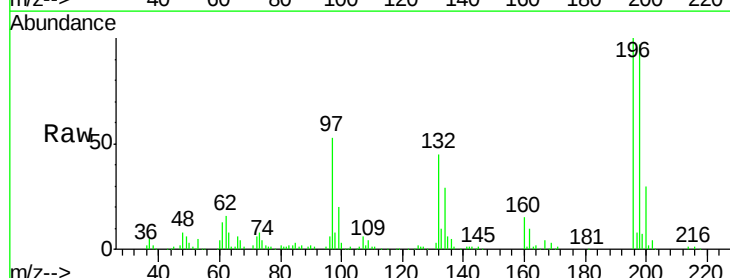
Instrument :
 BNA_F
 ClientSampleId :

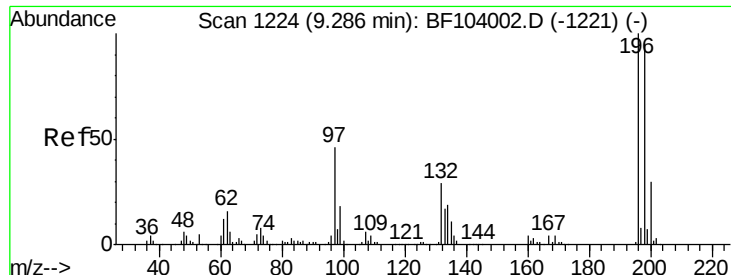
Tot Ion	330	Resp	174547
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	96.1		
141	30.7		
	29.9		
	44.9		



#42
 2,4,6-Trichlorophenol
 Concen: 44.288 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion	196	Resp	168145
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	97.5		
200	30.2		
	24.5		
	36.7		

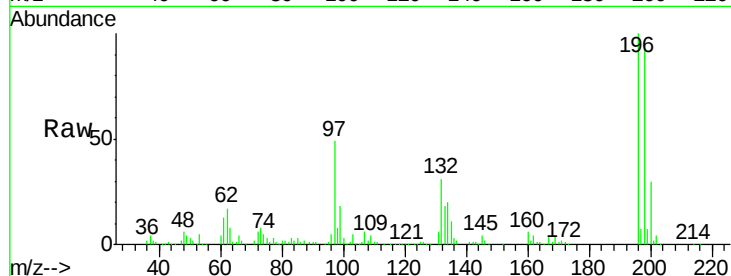




#43
 2,4,5-Trichlorophenol
 Concen: 42.400 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.2	74.6	112.0	
97	48.6	42.9	64.3	
132	31.2	26.3	39.5	



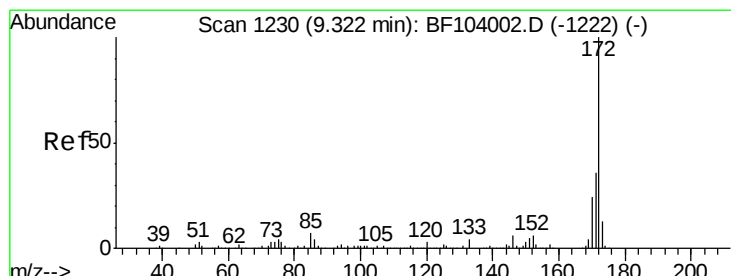
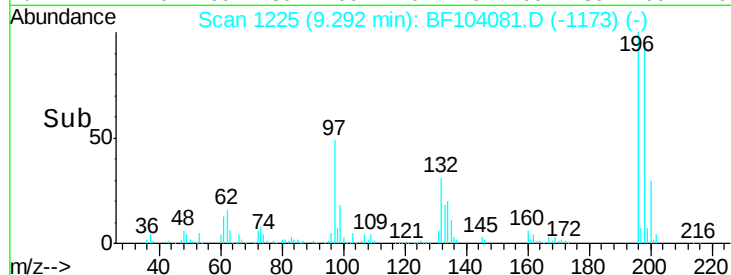
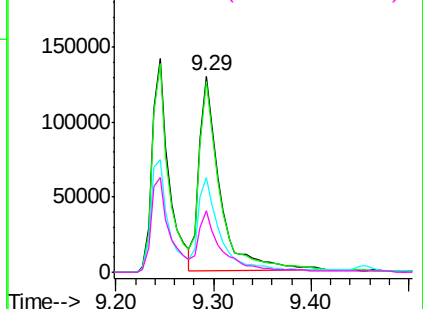
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

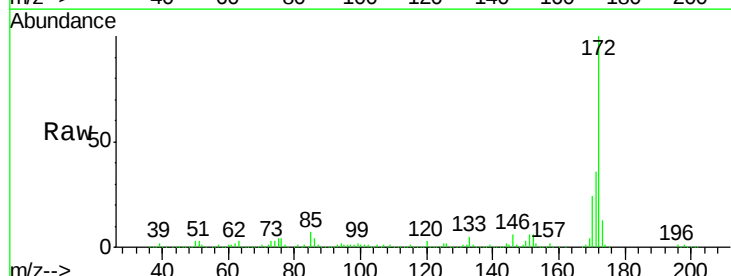
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.669 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.0	19.6	29.4	

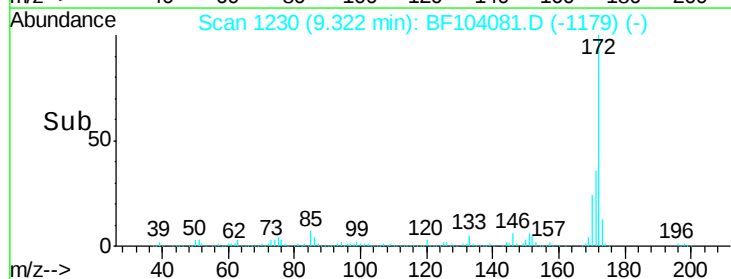
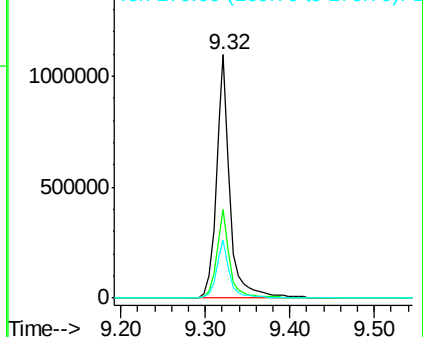


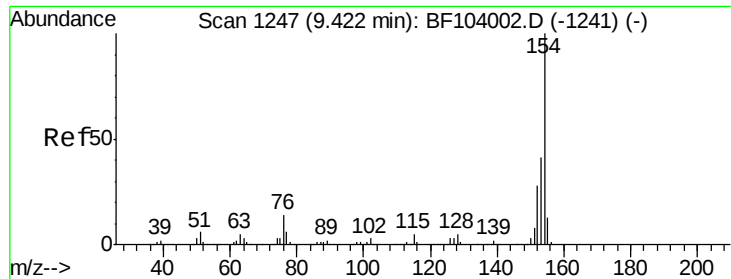
Abundance

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

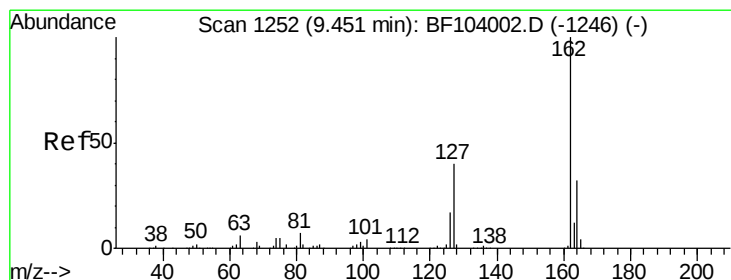
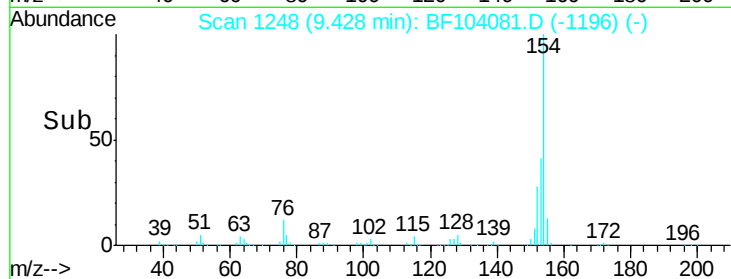
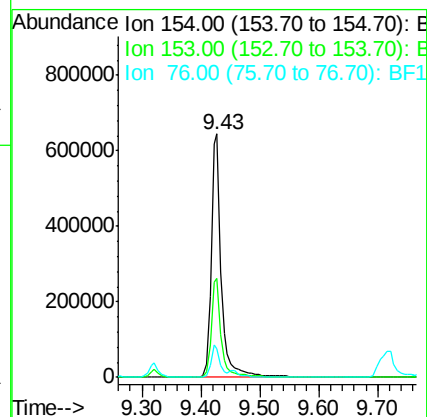
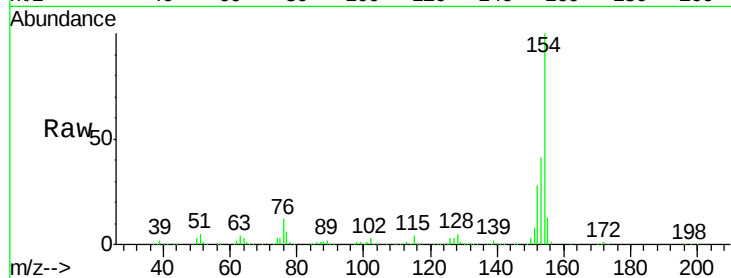




#45
 1,1'-Biphenyl
 Concen: 46.080 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

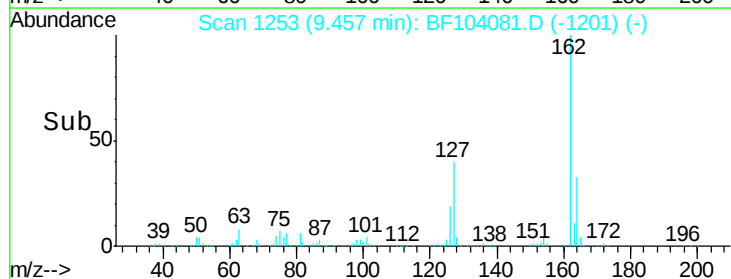
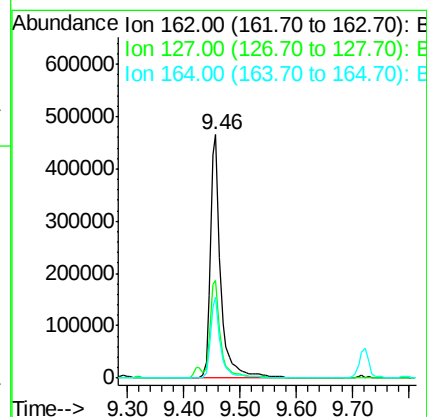
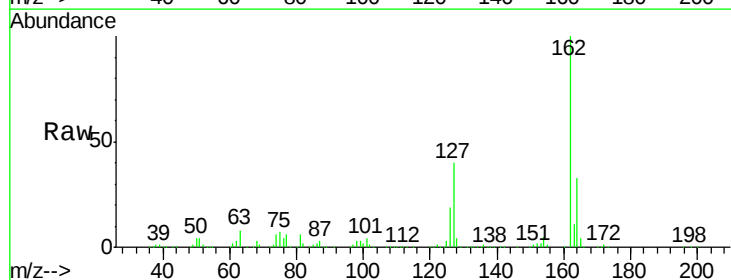
Instrument :
 BNA_F
 ClientSampleId :

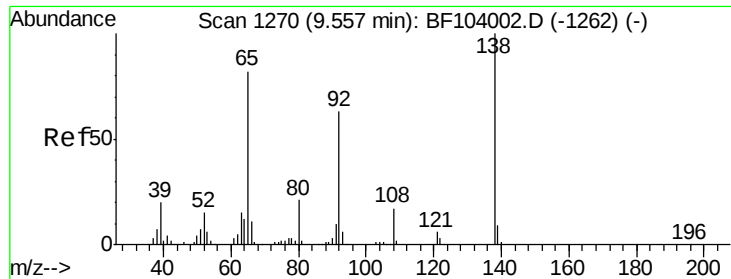
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	11.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 44.962 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	33.2	26.5	39.7

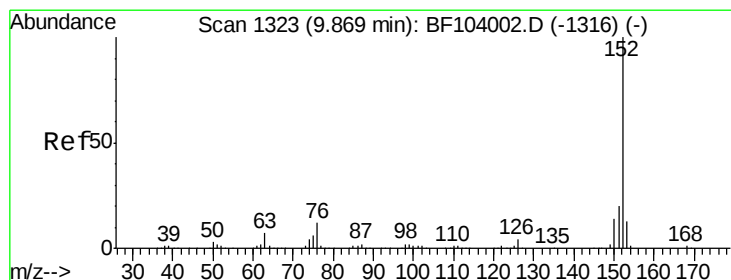
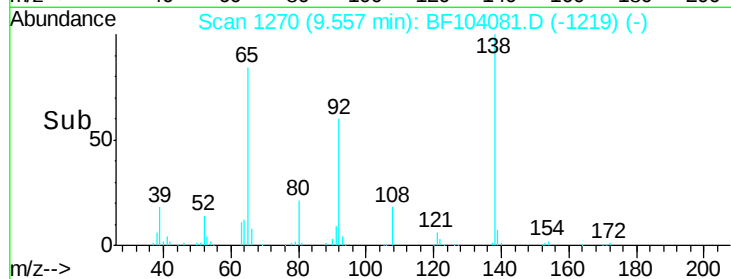
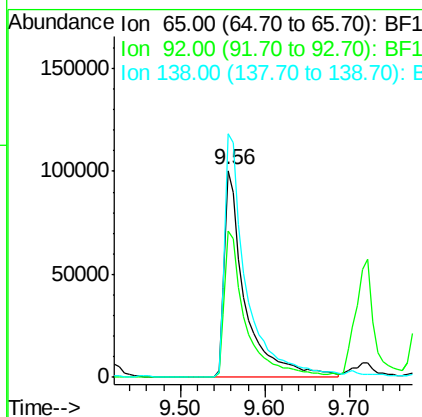
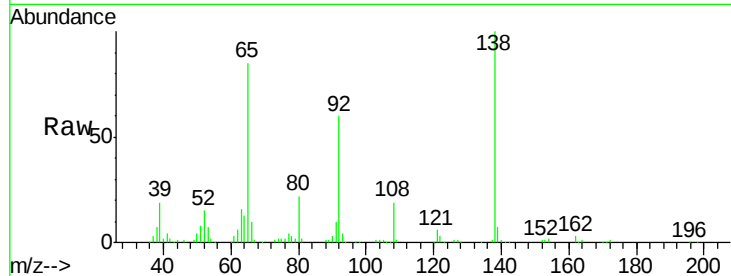




#47
 2-Nitroaniline
 Concen: 45.509 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

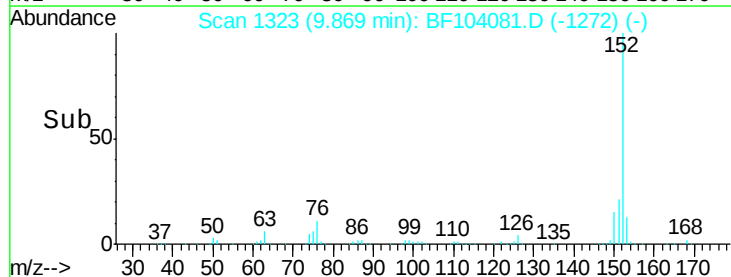
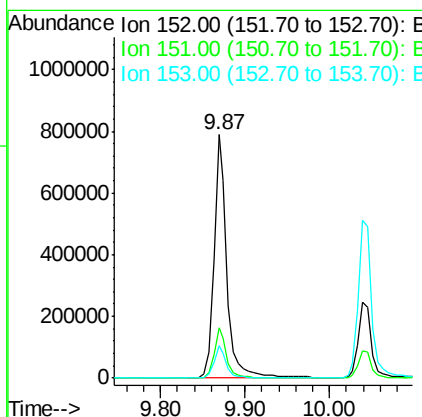
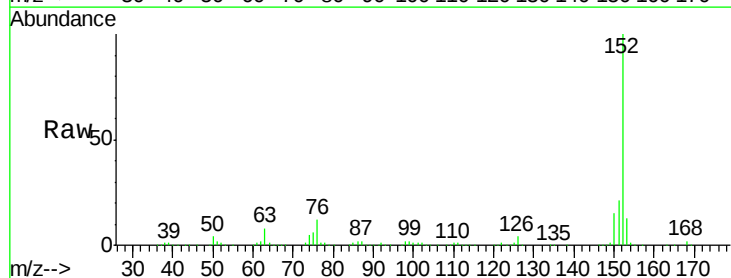
Instrument :
 BNA_F
 ClientSampleId :

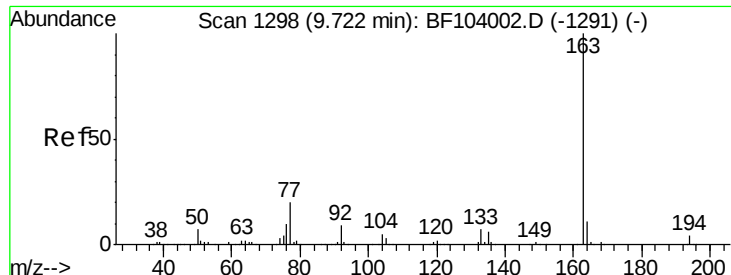
Tot Ion: 65 Resp: 171779
 Ion Ratio Lower Upper
 65 100
 92 70.8 55.8 83.6
 138 117.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 42.823 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion: 152 Resp: 858780
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 45.447 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

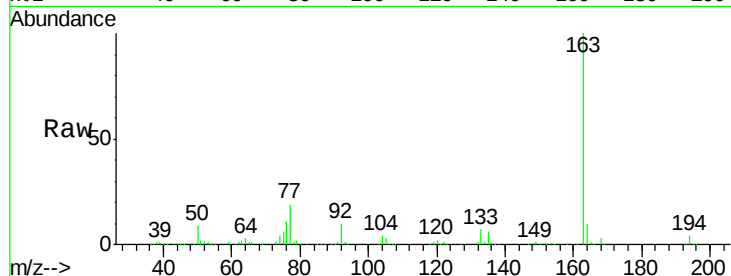
Tot Ion:163 Resp: 701580

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

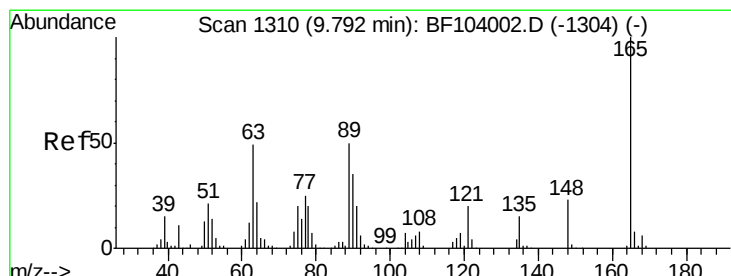
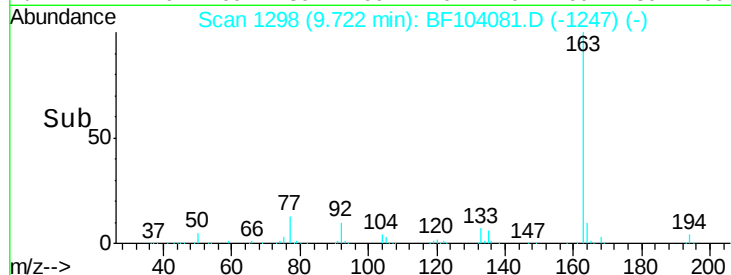
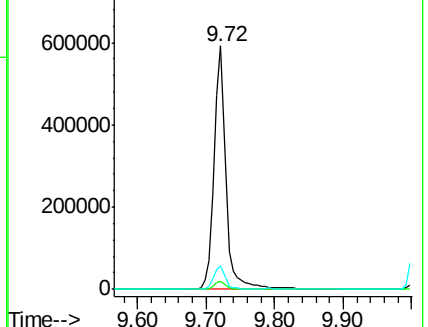
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.521 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

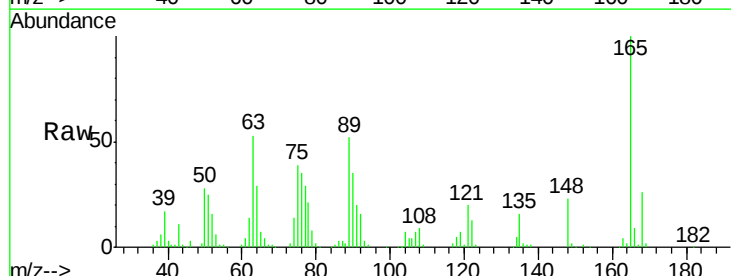
Tgt Ion:165 Resp: 144542

Ion Ratio Lower Upper

165 100

63 52.7 44.7 67.1

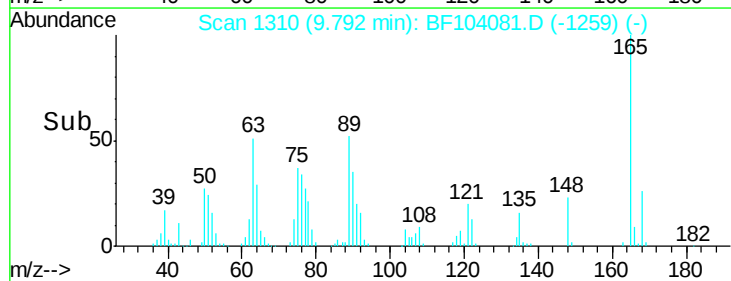
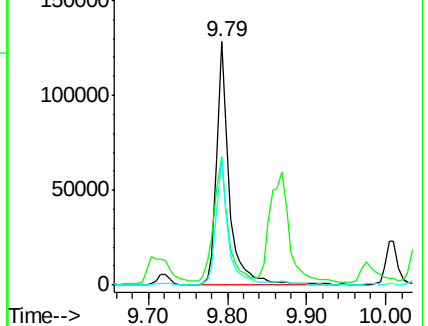
89 52.2 44.0 66.0

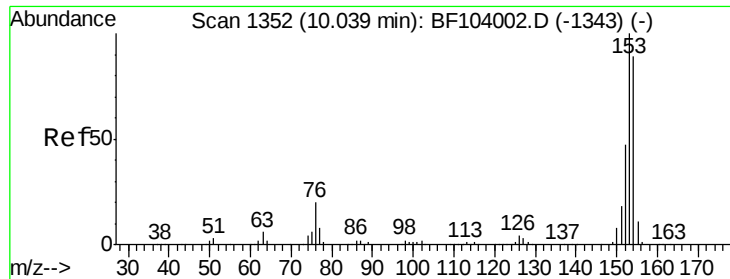


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 44.011 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

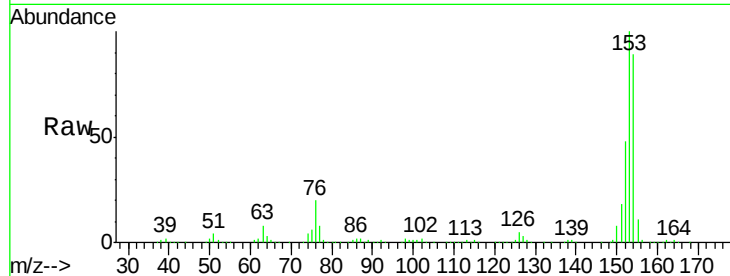
Tot Ion:154 Resp: 510572

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

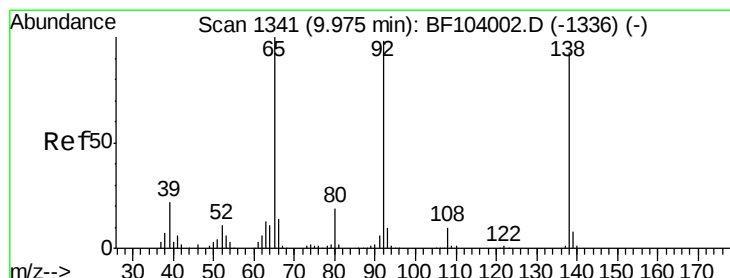
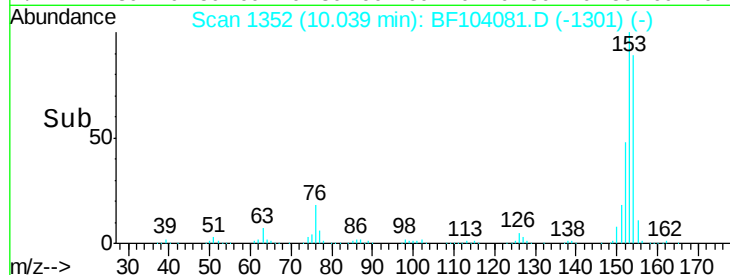
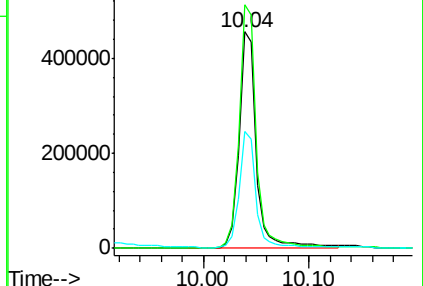
152 53.8 43.8 65.8



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: 32.823 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

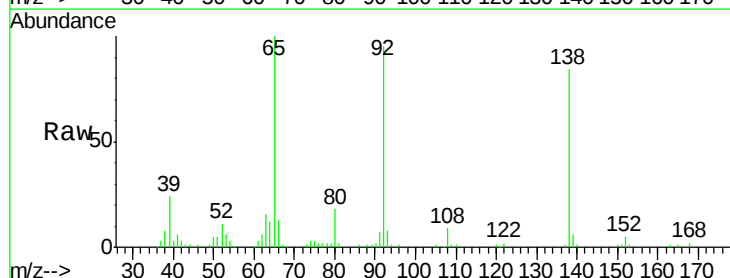
Tgt Ion:138 Resp: 125313

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

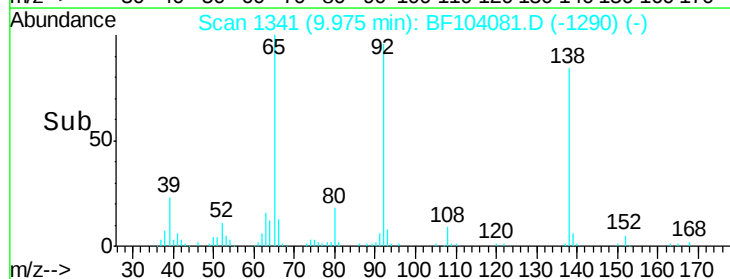
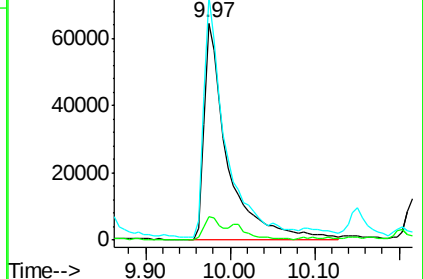
92 112.0 89.4 134.2

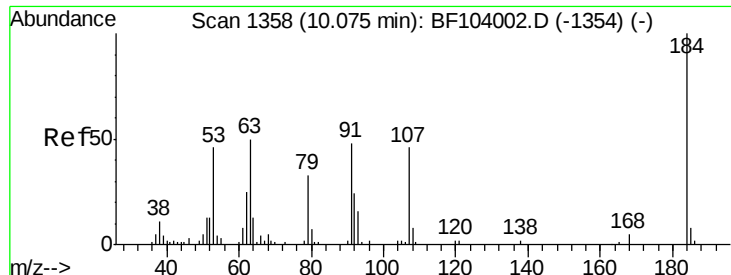


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

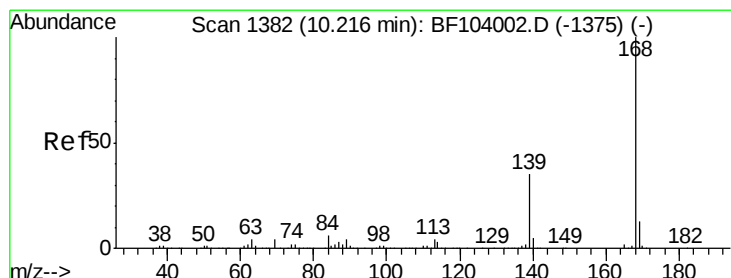
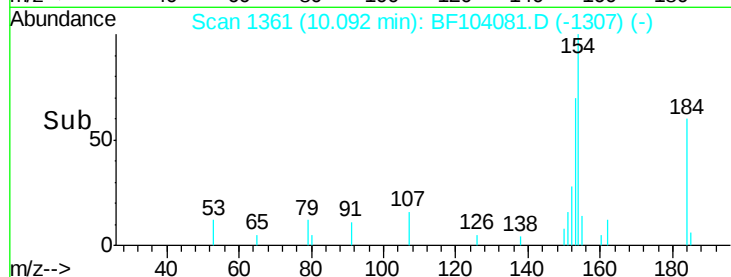
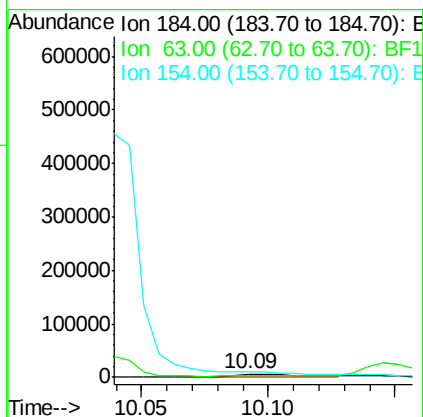
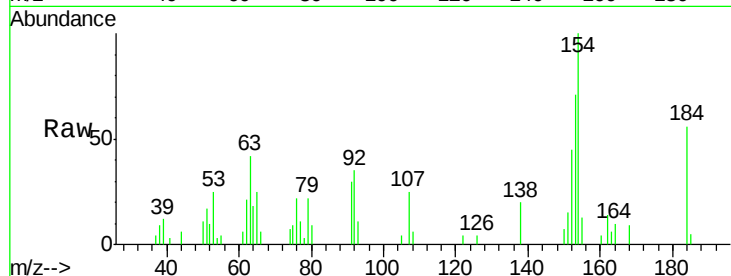




#53
 2,4-Dinitrophenol
 Concen: 13.952 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

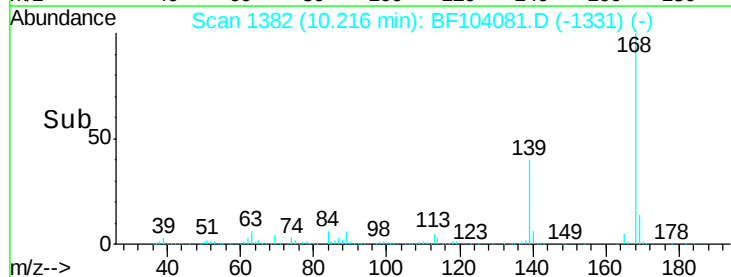
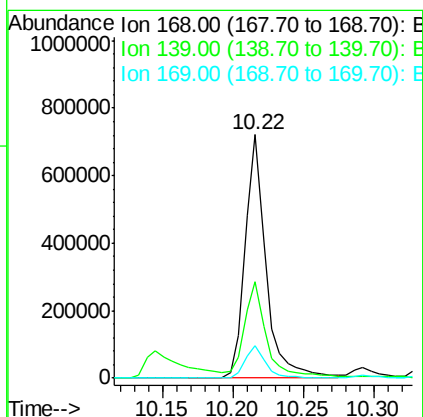
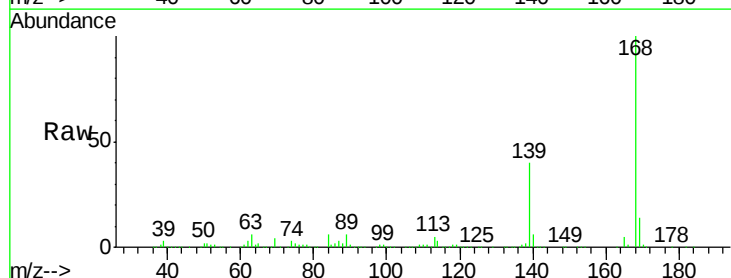
Instrument :
 BNA_F
 ClientSampled :

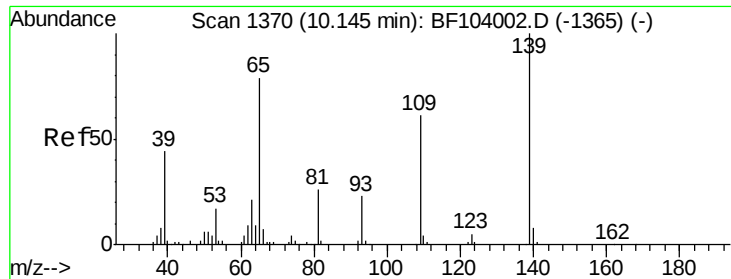
Tot Ion:184 Resp: 13059
 Ion Ratio Lower Upper
 184 100
 63 74.9 54.2 81.2
 154 177.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 44.182 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion:168 Resp: 748496
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.5 10.9 16.3

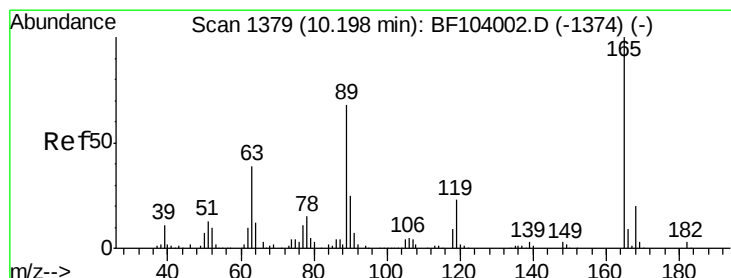
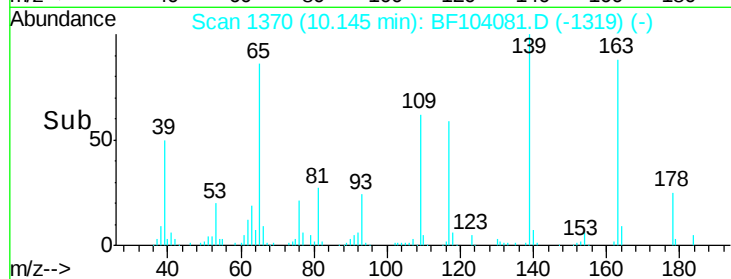
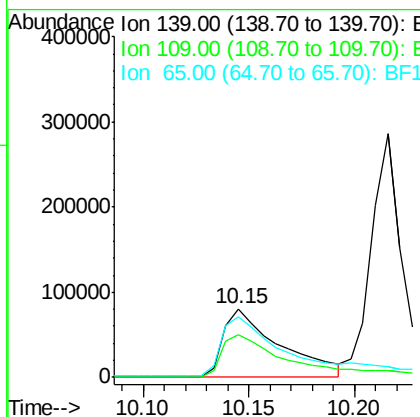
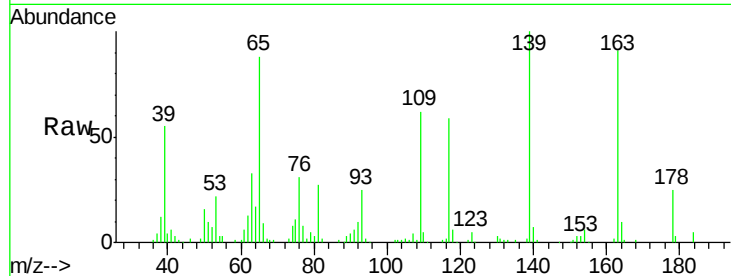




#55
4-Nitrophenol
Concen: 65.078 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

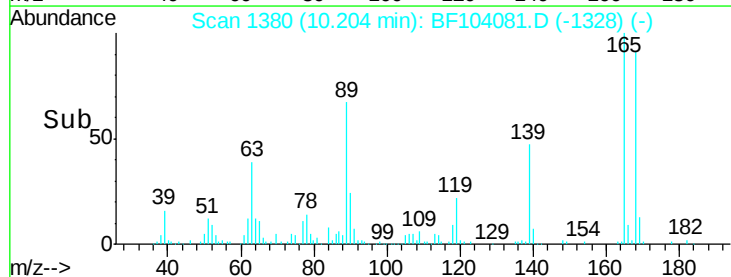
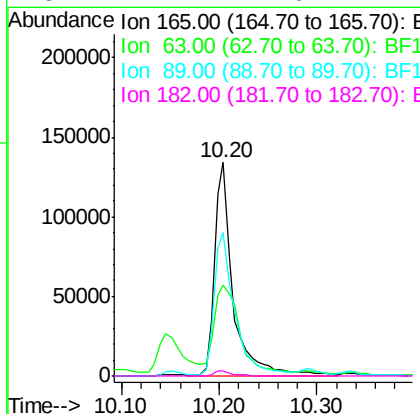
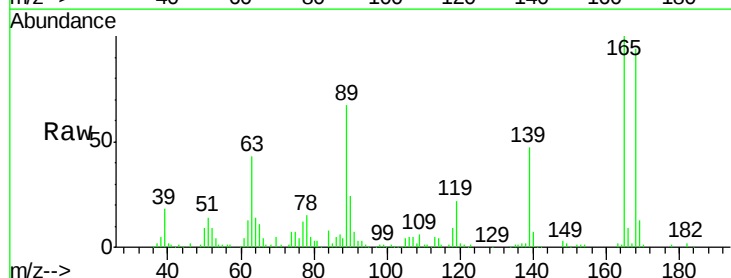
Instrument :
BNA_F
ClientSampleId :

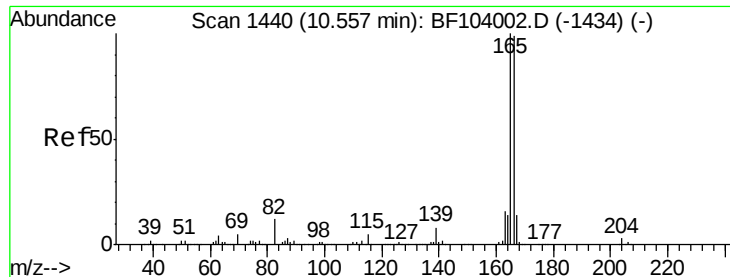
Tot Ion:139 Resp: 148974
Ion Ratio Lower Upper
139 100
109 62.4 48.4 88.4
65 87.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.824 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:165 Resp: 173012
Ion Ratio Lower Upper
165 100
63 42.5 36.4 54.6
89 67.2 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 42.095 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

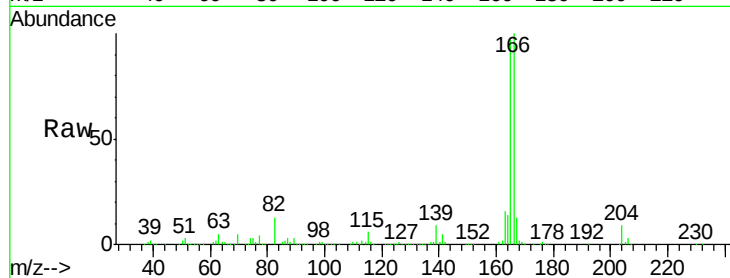
Tot Ion:166 Resp: 588261

Ion Ratio Lower Upper

166 100

165 97.3 79.8 119.8

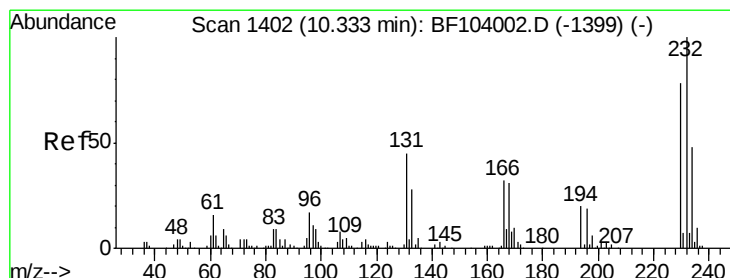
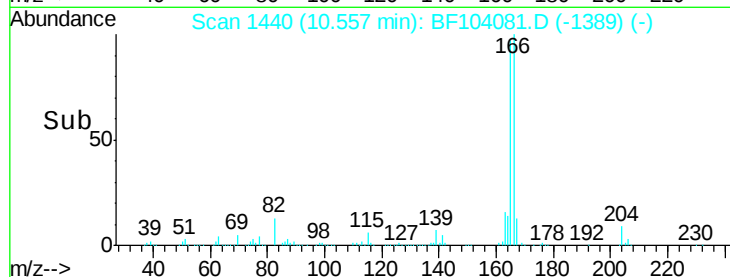
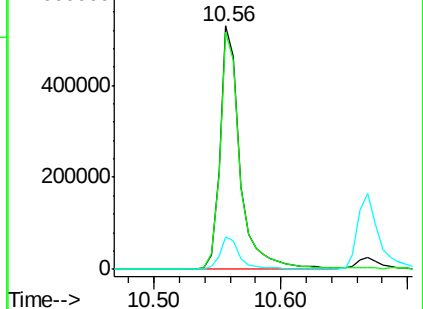
167 13.3 10.6 16.0



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: 40.859 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Tgt Ion:232 Resp: 140331

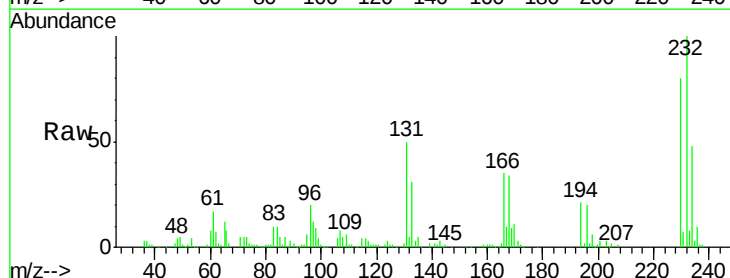
Ion Ratio Lower Upper

232 100

131 49.4 43.8 65.8

130 2.2 2.1 3.1

166 30.6 27.8 41.6

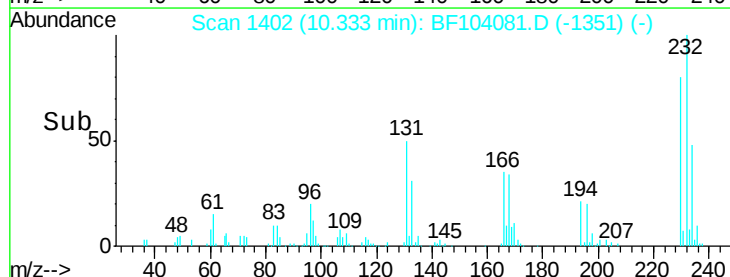
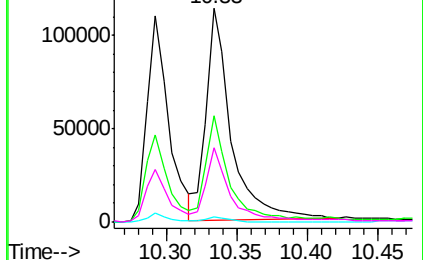


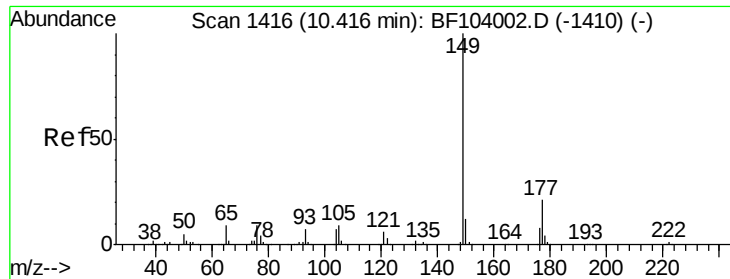
Abundance Ion 232.00 (231.70 to 232.70): E

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

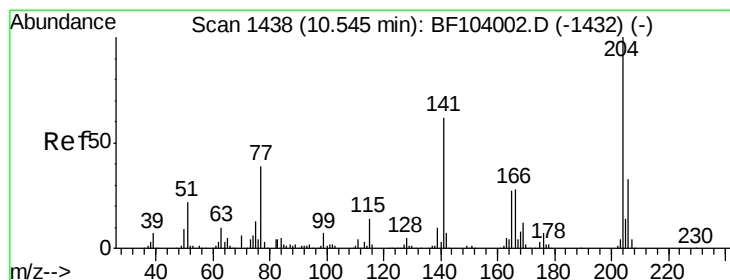
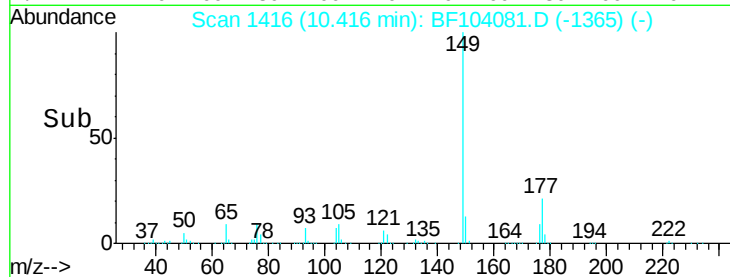
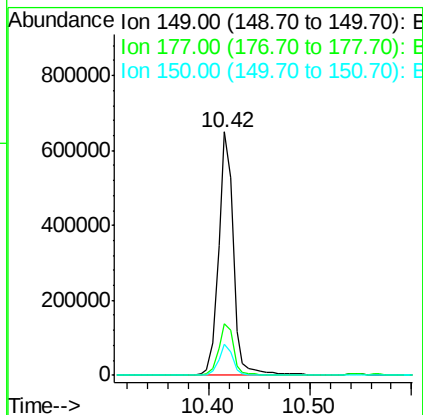
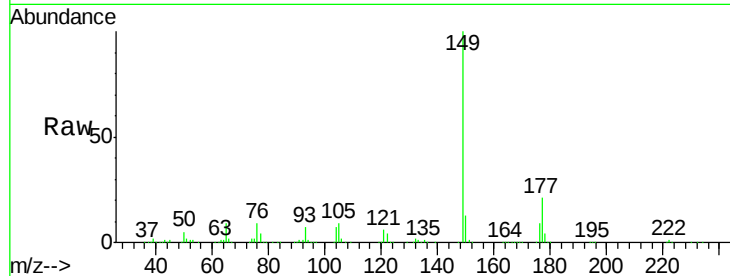




#59
Diethylphthalate
Concen: 44.723 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

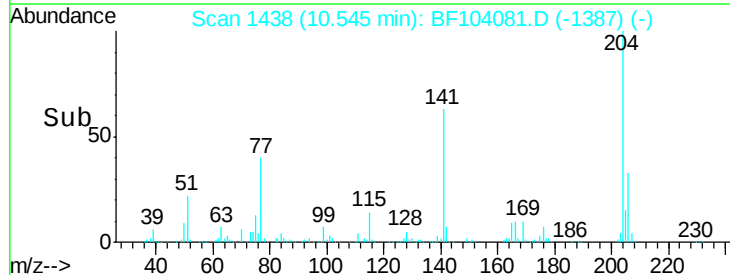
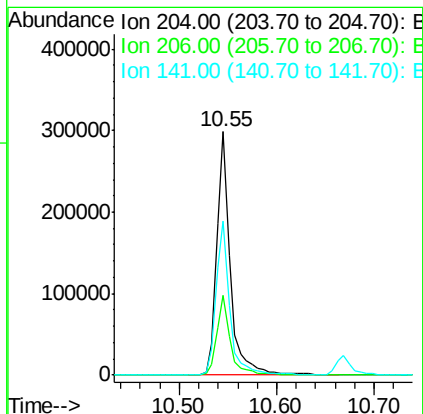
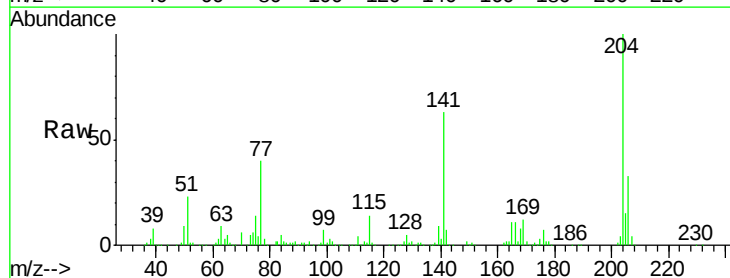
Instrument :
BNA_F
ClientSampled :

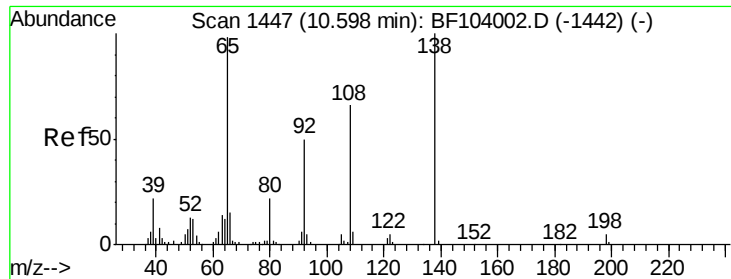
Tot Ion:149 Resp: 661403
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.964 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:204 Resp: 288595
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 63.4 54.6 81.8

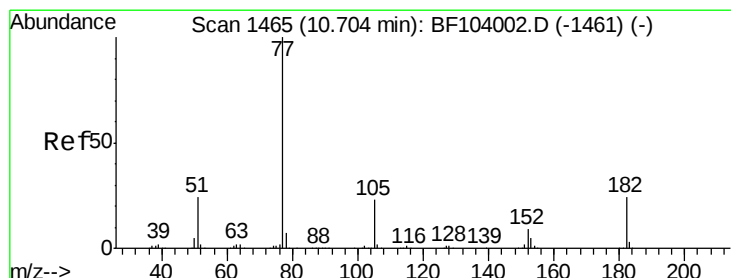
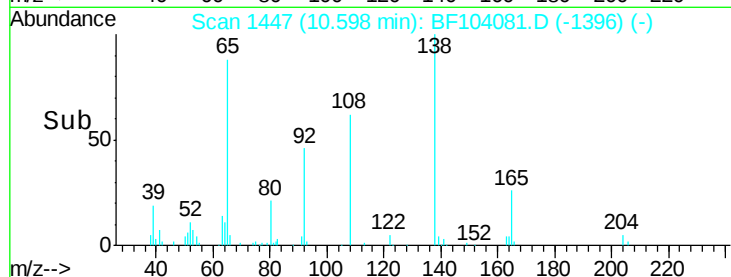
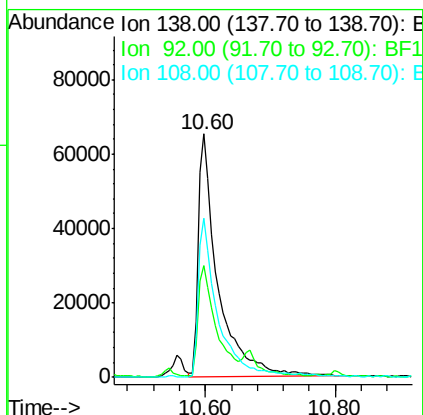
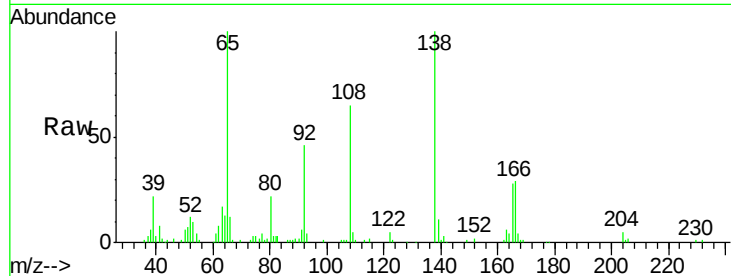




#61
4-Nitroaniline
Concen: 38.095 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

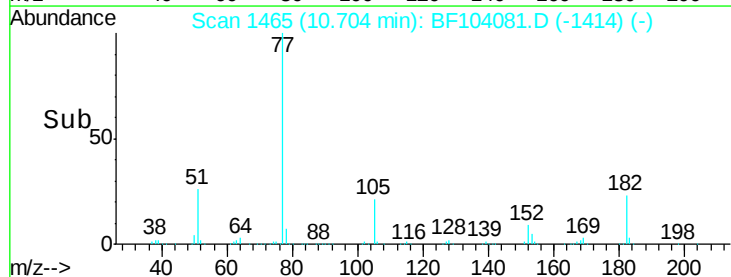
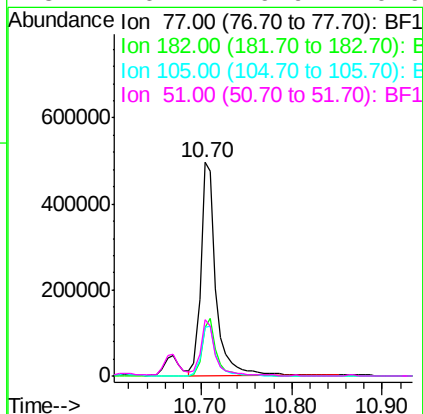
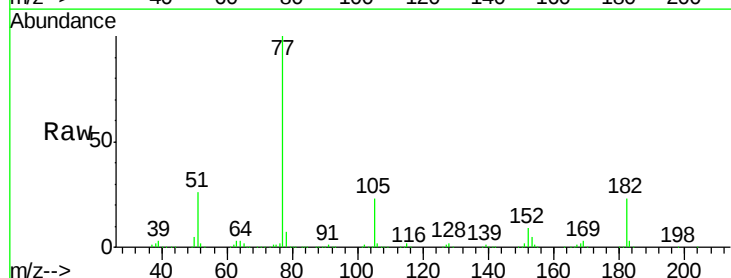
Instrument :
BNA_F
ClientSampleId :

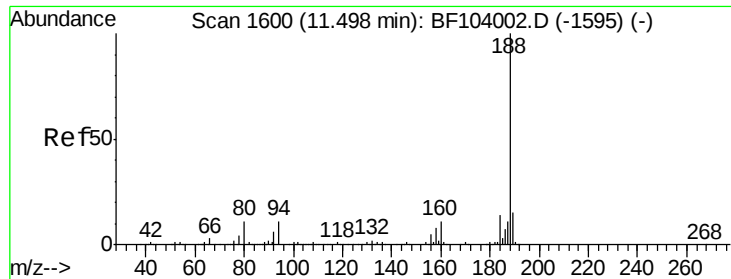
Tot Ion:138 Resp: 136089
Ion Ratio Lower Upper
138 100
92 46.1 30.2 70.2
108 65.2 52.5 92.5



#62
Azobenzene
Concen: 43.004 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion: 77 Resp: 575072
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 22.8 3.0 43.0
51 26.2 9.9 49.9

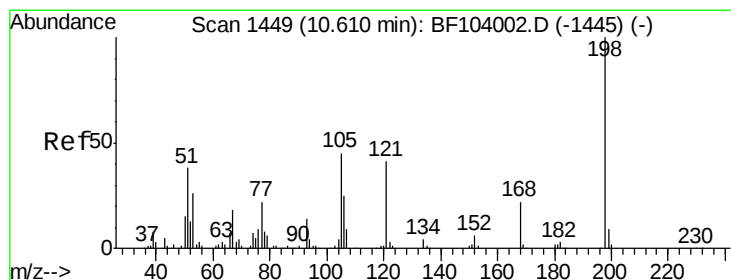
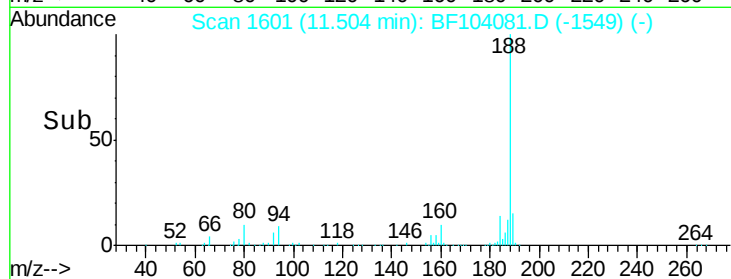
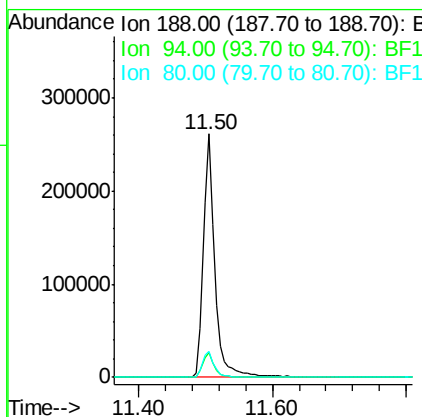
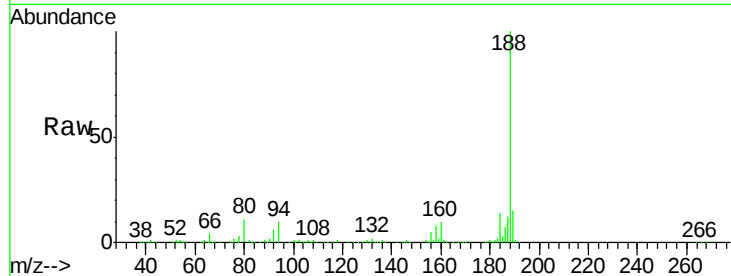




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

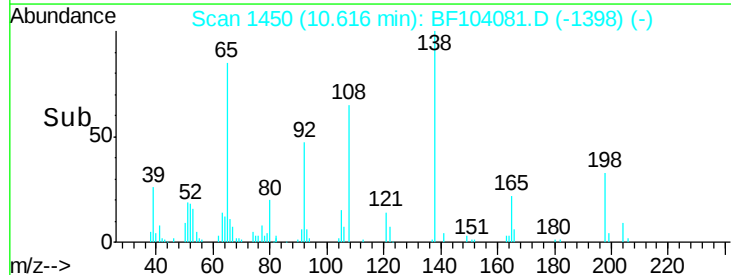
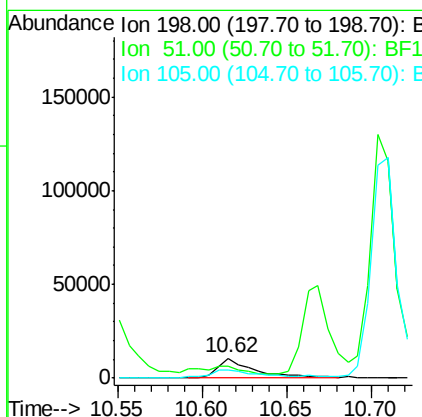
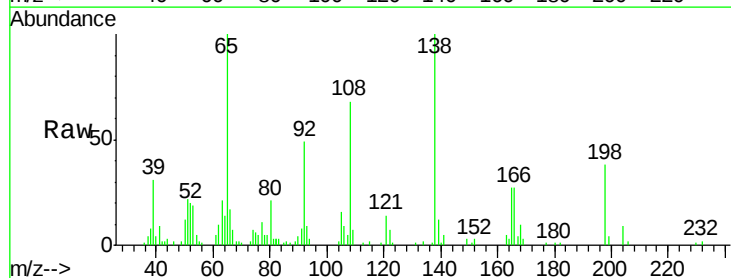
Instrument :
BNA_F
ClientSampleId :

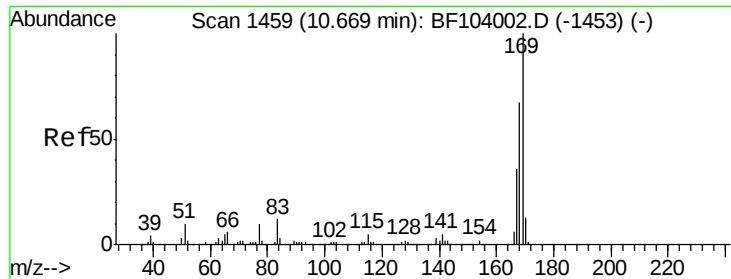
Tot Ion:188 Resp: 306298
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.648 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:198 Resp: 16034
Ion Ratio Lower Upper
198 100
51 56.7 37.7 77.7
105 42.9 36.3 76.3

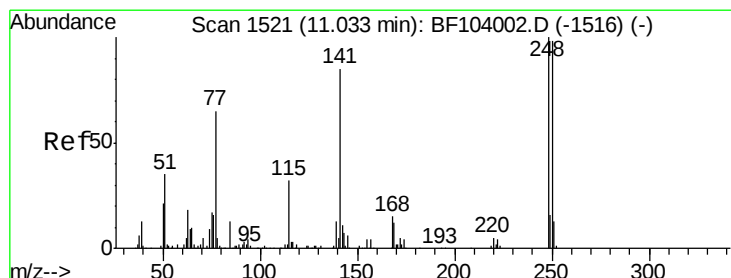
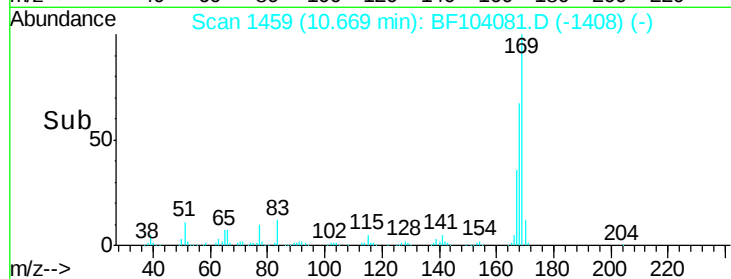
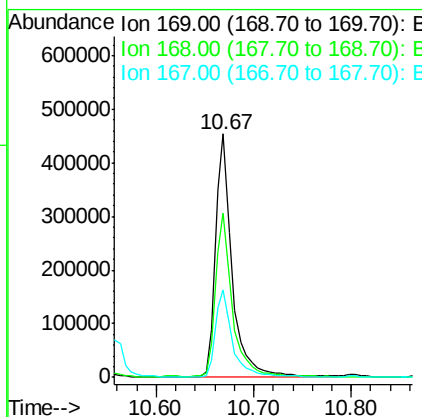
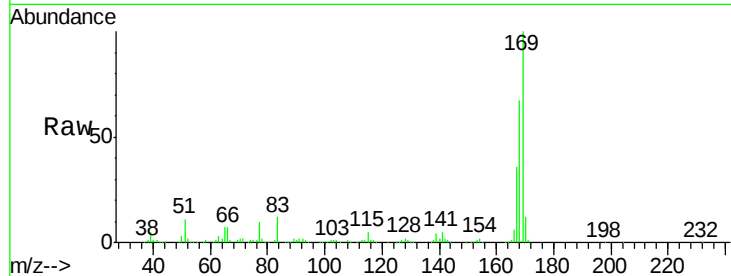




#65
 n-Nitrosodiphenylamine
 Concen: 51.859 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

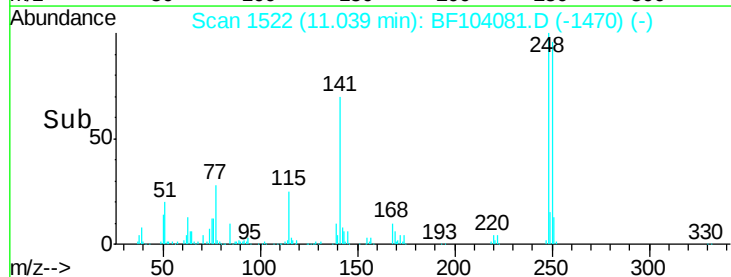
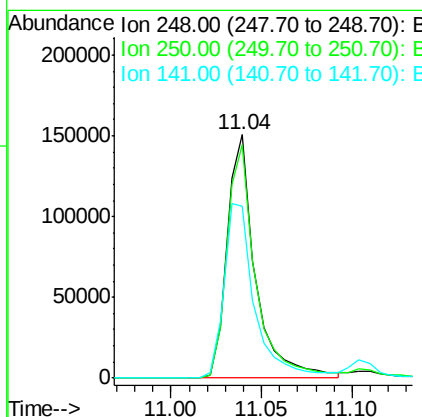
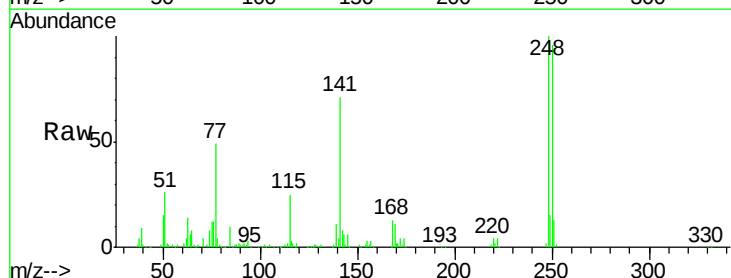
Instrument :
 BNA_F
 ClientSampleId :

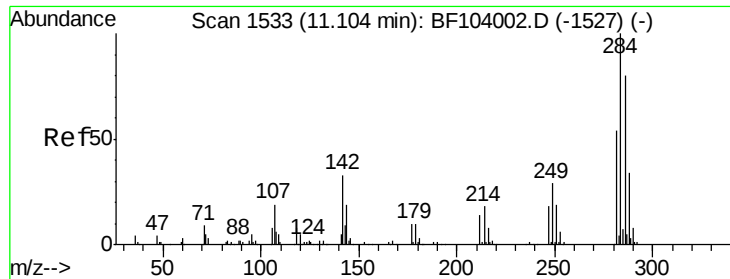
Tot Ion:169 Resp: 537950
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 36.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 50.297 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion:248 Resp: 164822
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.9 115.3
 141 70.7 74.4 111.6#

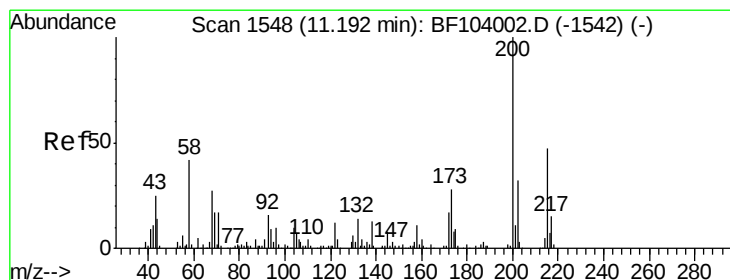
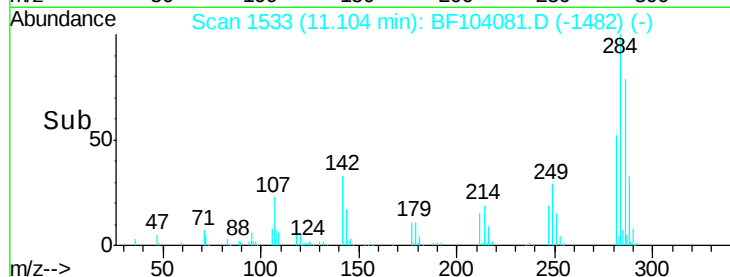
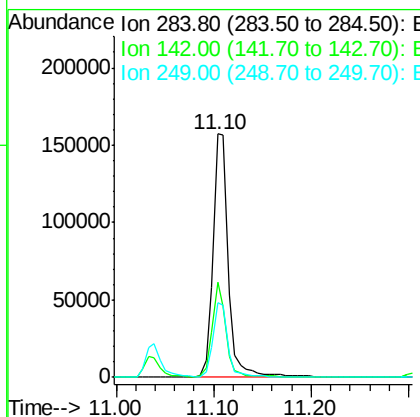
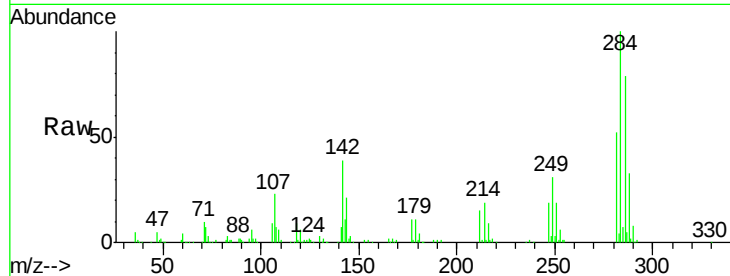




#67
Hexachlorobenzene
Concen: 45.554 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

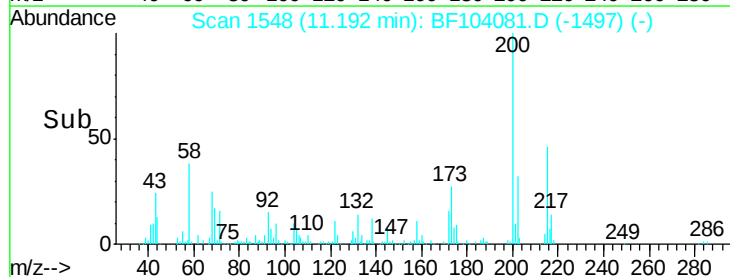
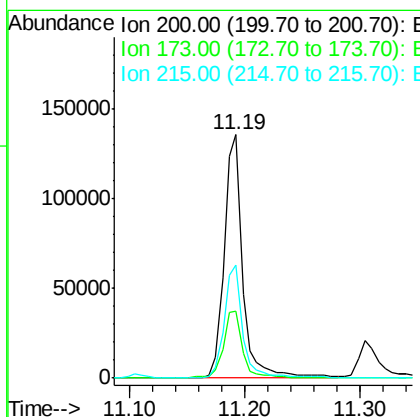
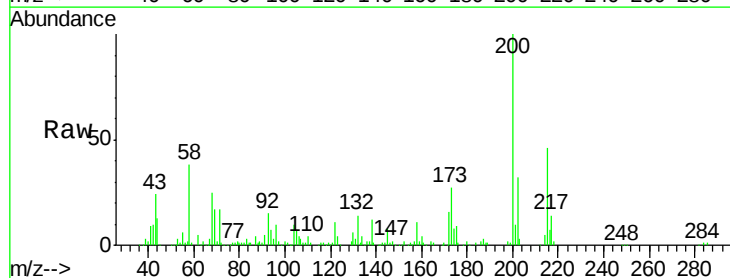
Instrument :
BNA_F
ClientSampleId :

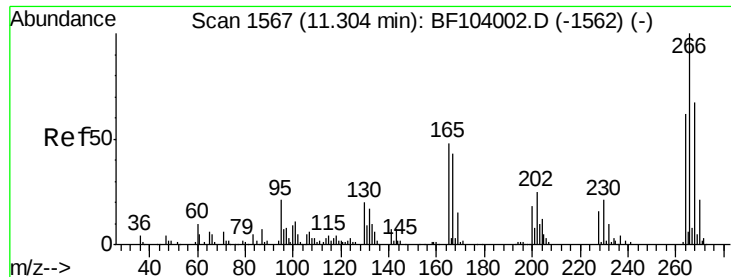
Tot Ion:284 Resp: 171716
Ion Ratio Lower Upper
284 100
142 39.1 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 47.552 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:200 Resp: 151116
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 46.4 25.1 65.1





#69

Pentachlorophenol

Concen: 68.199 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampled :

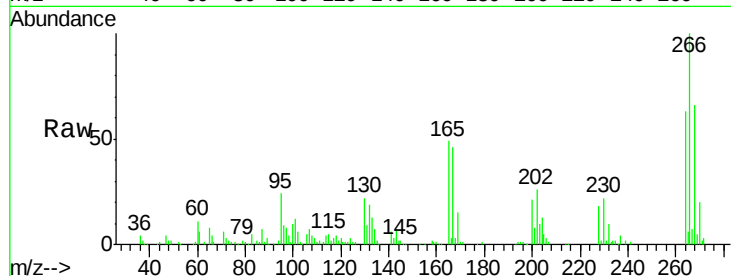
Tot Ion:266 Resp: 141464

Ion Ratio Lower Upper

266 100

268 66.3 51.1 76.7

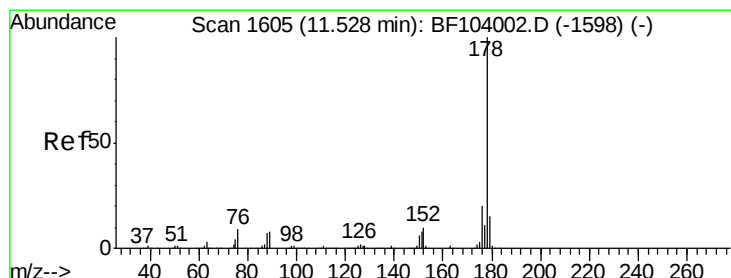
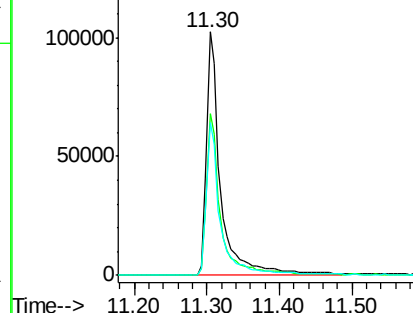
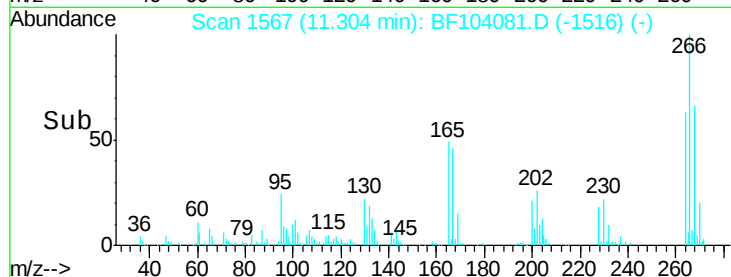
264 62.9 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.136 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

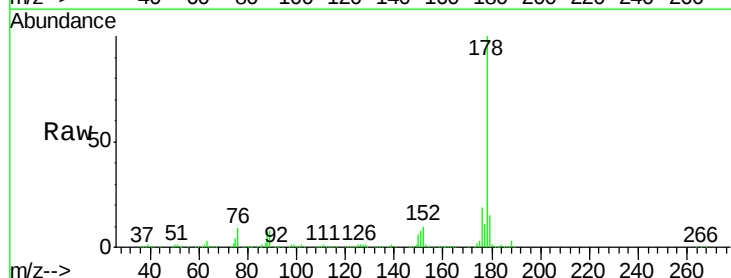
Tgt Ion:178 Resp: 731927

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

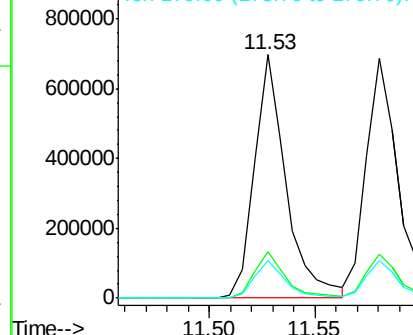
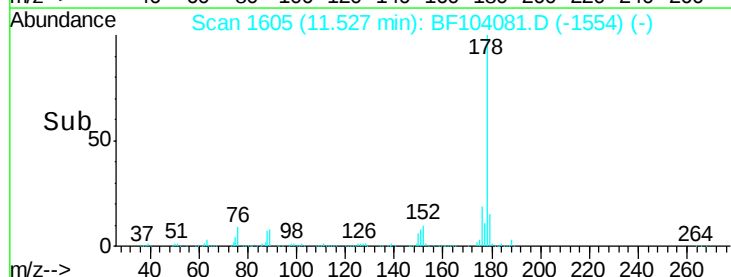
179 15.2 13.0 19.6

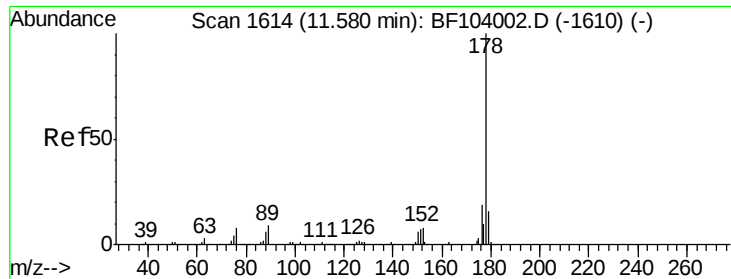


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

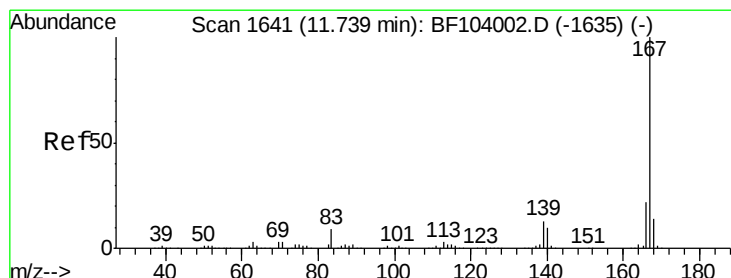
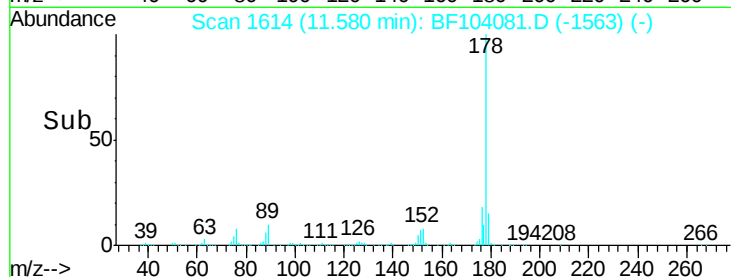
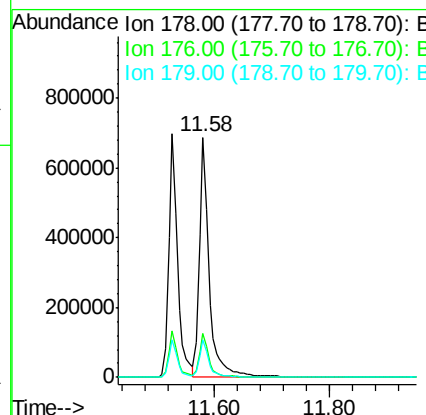
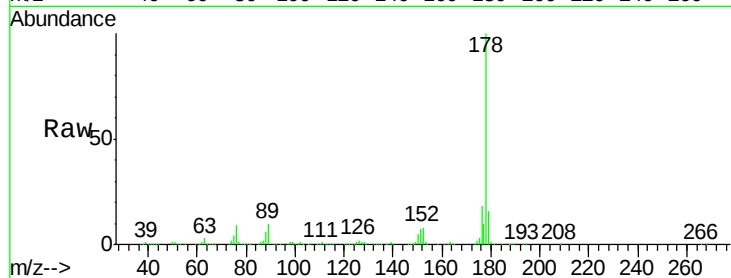




#71
 Anthracene
 Concen: 47.190 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

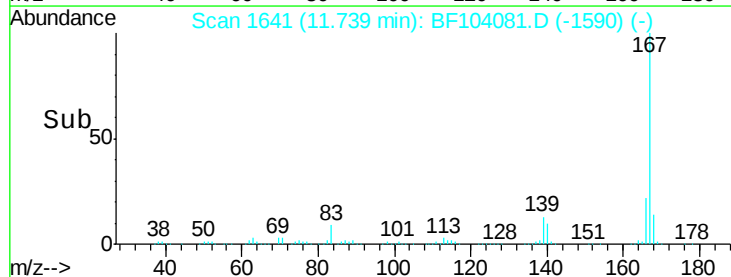
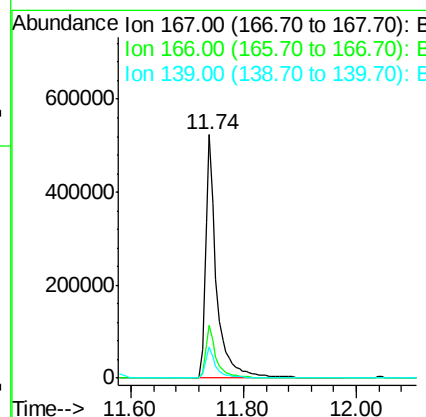
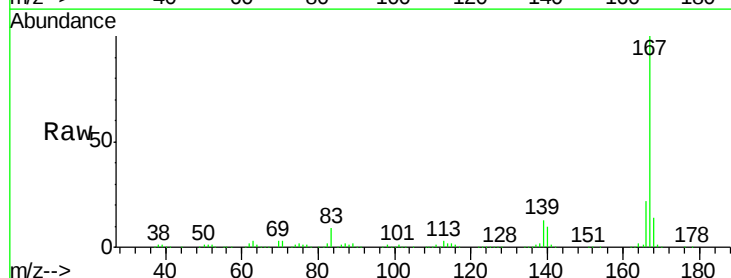
Instrument :
 BNA_F
 ClientSampleId :

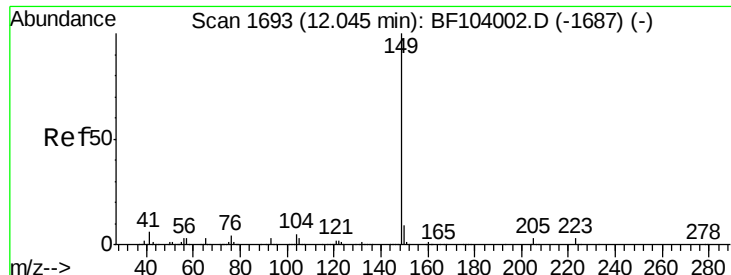
Tot Ion:178 Resp: 817410
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 42.882 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion:167 Resp: 708938
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.582 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

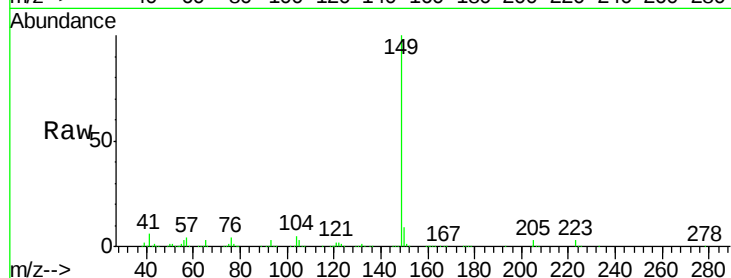
Tot Ion:149 Resp: 937011

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

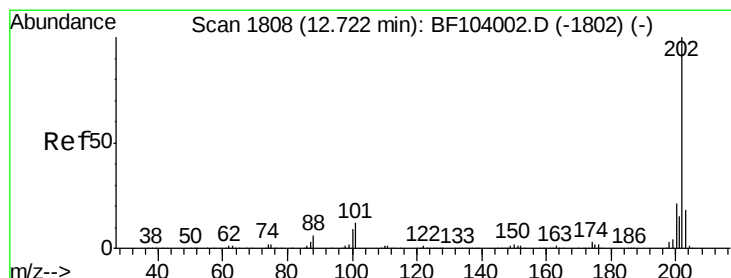
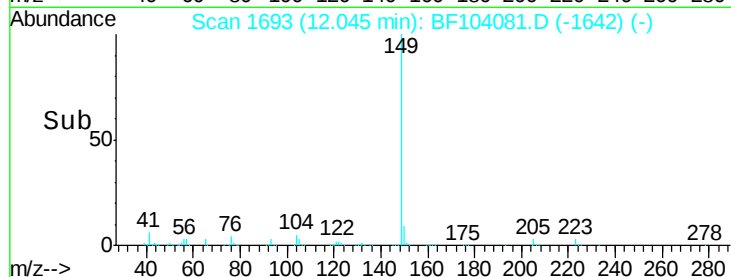
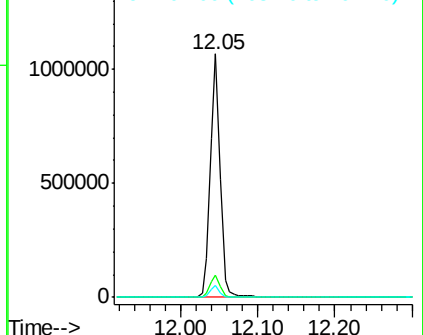
104 4.7 3.8 5.8



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: 38.738 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

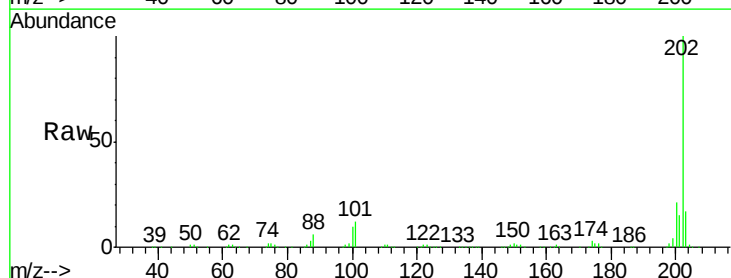
Tgt Ion:202 Resp: 682848

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

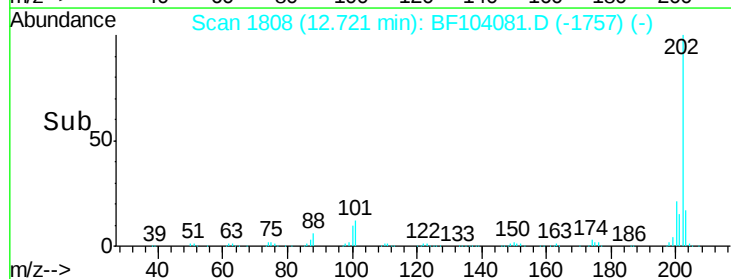
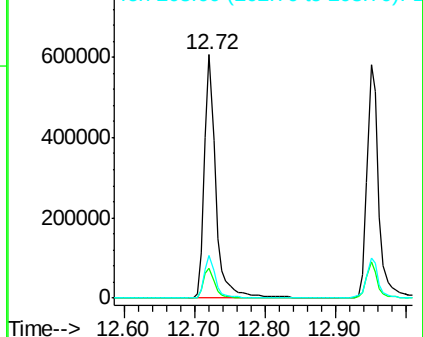
203 17.5 0.0 38.1

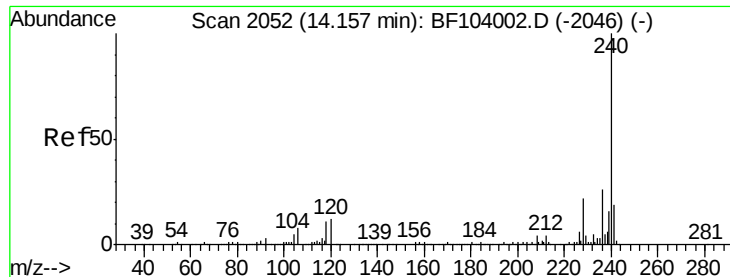


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104081.D

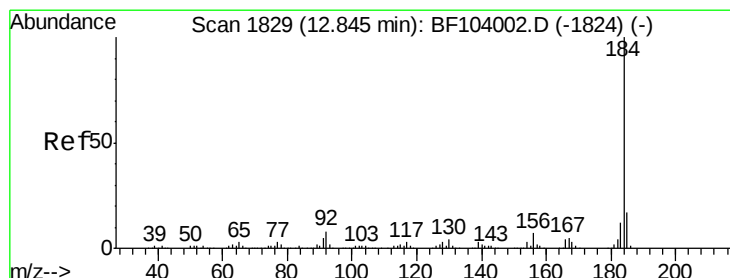
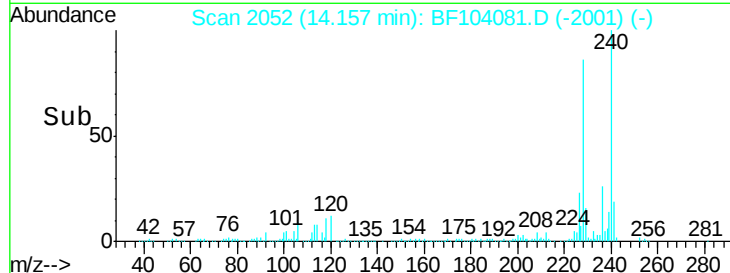
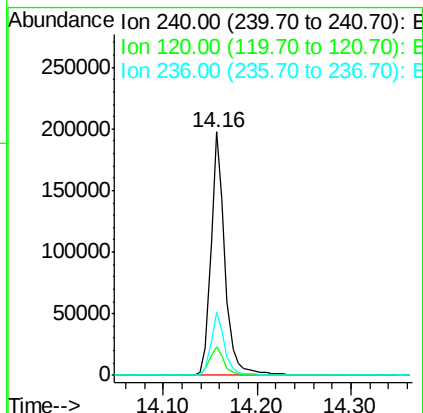
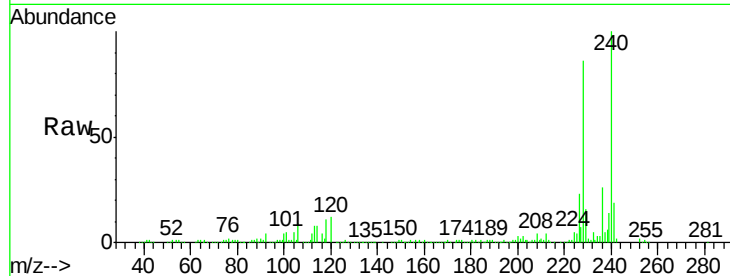
Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:240	Resp:	208305
Ion Ratio	Lower	Upper
240	100	
120	11.9	9.5 14.3
236	25.8	20.7 31.1



#76

Benzidine

Concen: 67.541 ng

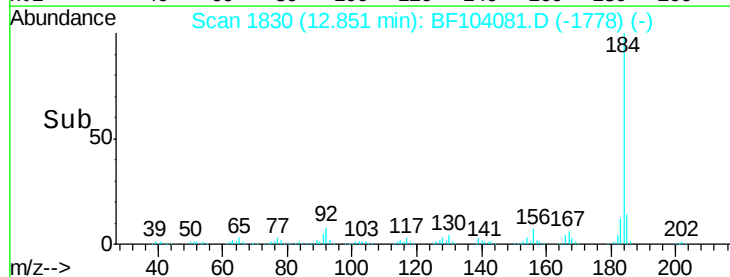
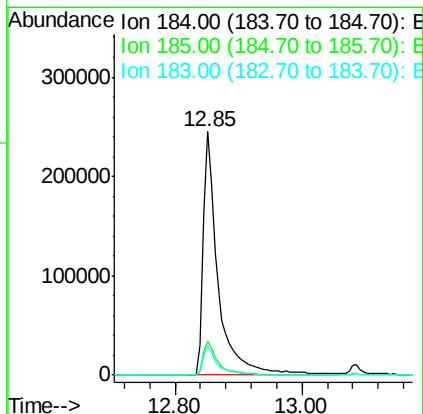
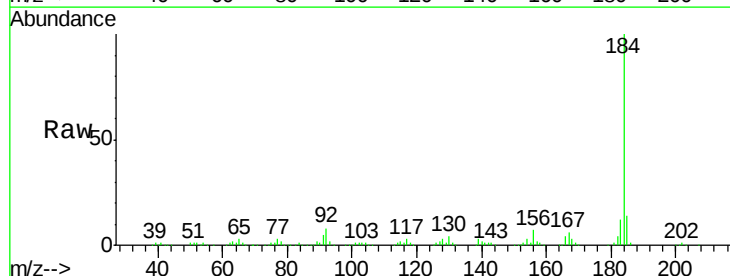
RT: 12.85 min Scan# 1830

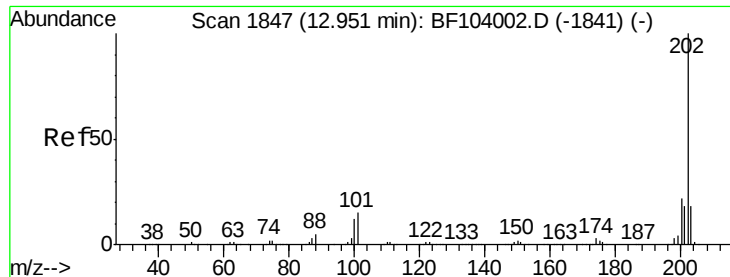
Delta R.T. 0.01 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Tgt Ion:184	Resp:	400939
Ion Ratio	Lower	Upper
184	100	
185	13.9	12.6 18.8
183	11.9	9.3 13.9

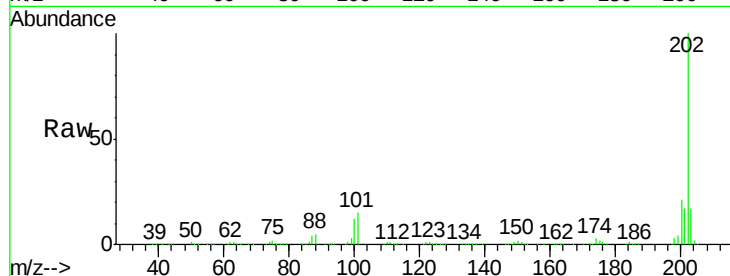




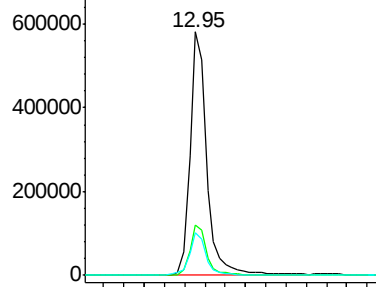
#77
Pvrene
Concen: 44.232 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

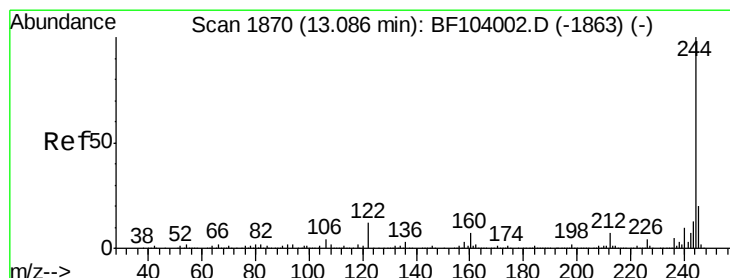
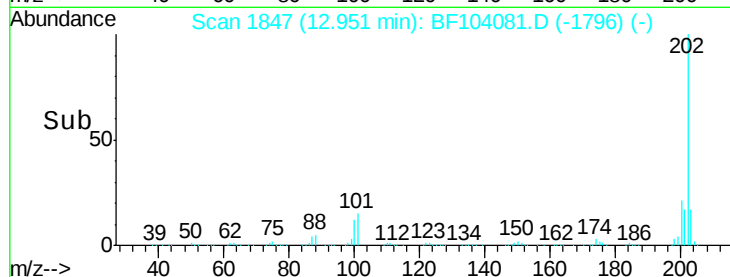
Tot Ion:202 Resp: 662338
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.4 14.3 21.5



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

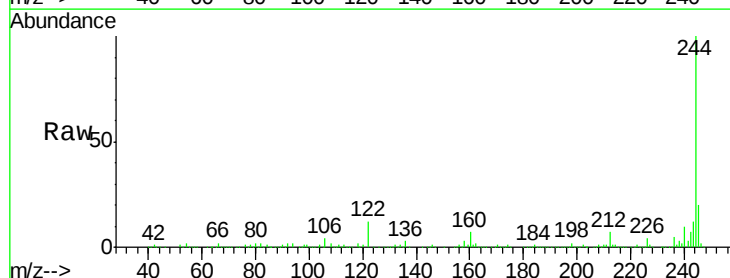


Time-->

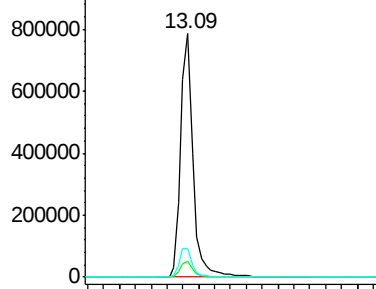


#78
Terphenyl-d14
Concen: 94.892 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

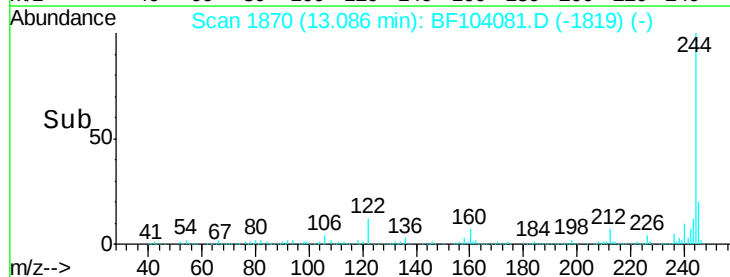
Tgt Ion:244 Resp: 856084
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 11.6 11.0 16.4

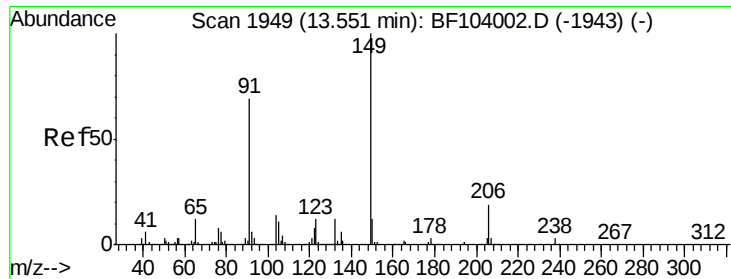


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

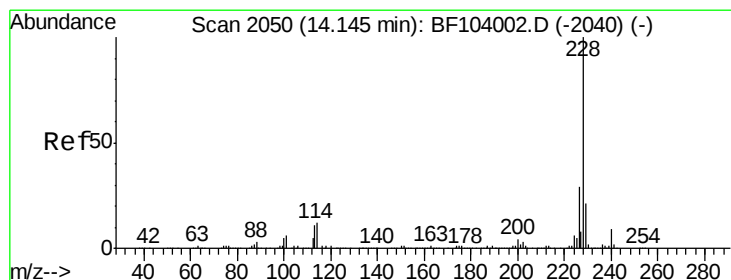
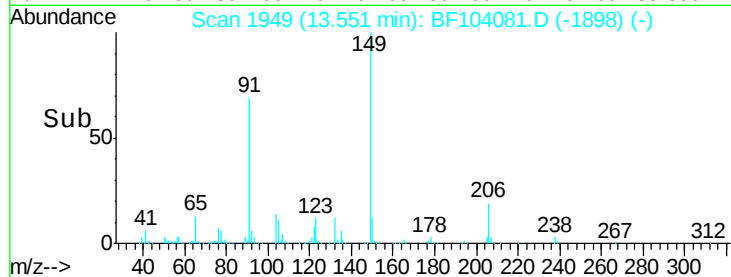
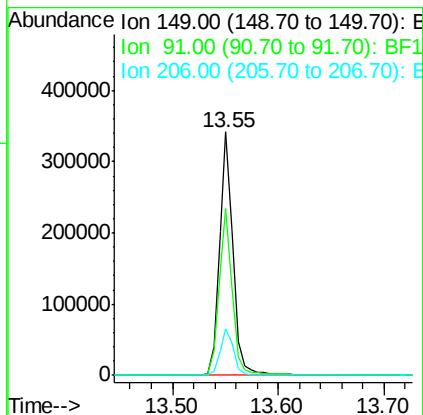
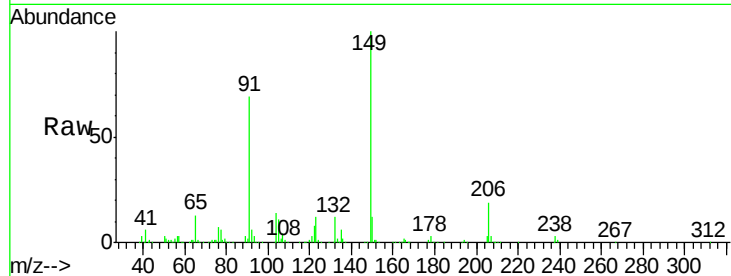




#79
Butylbenzylphthalate
Concen: 44.133 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

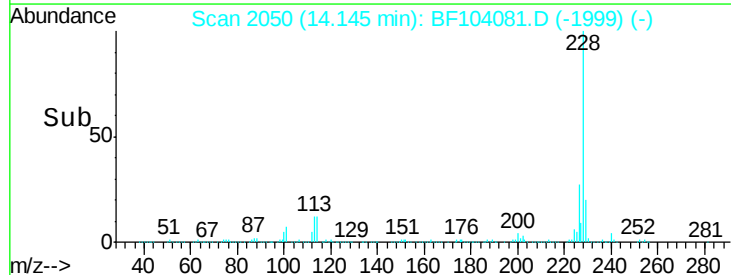
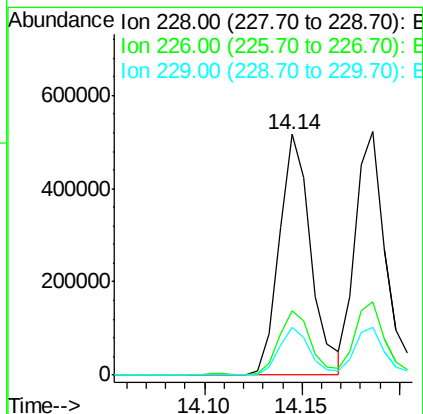
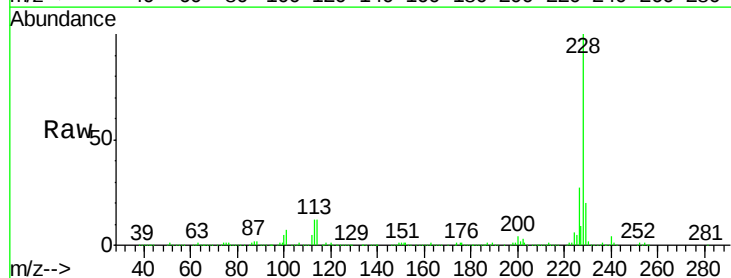
Instrument :
BNA_F
ClientSampled :

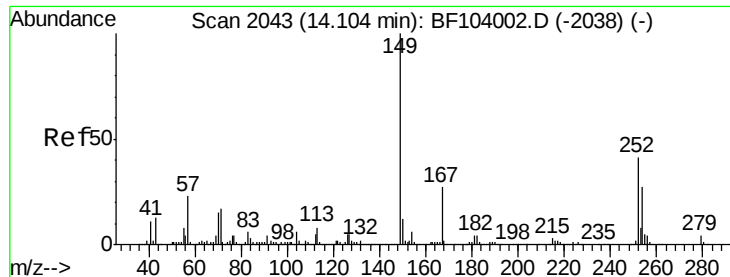
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.6	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.359 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.1	15.8	23.6

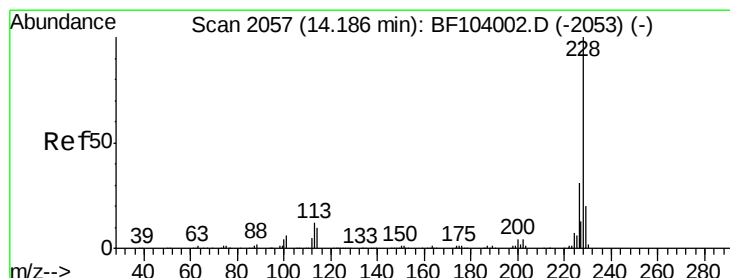
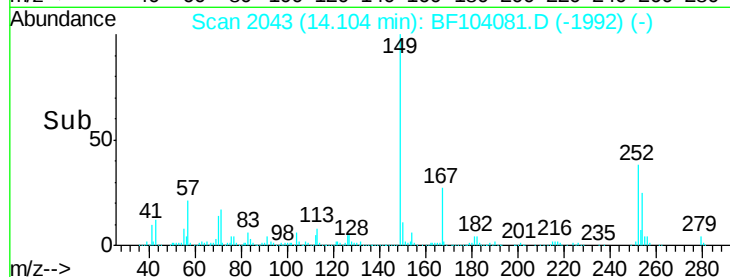
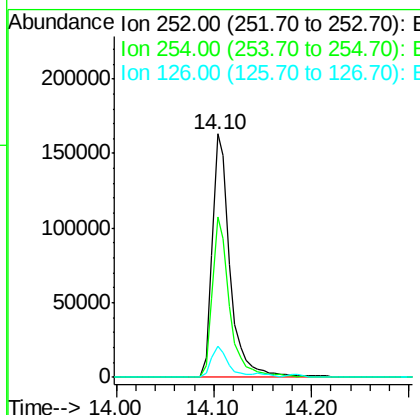
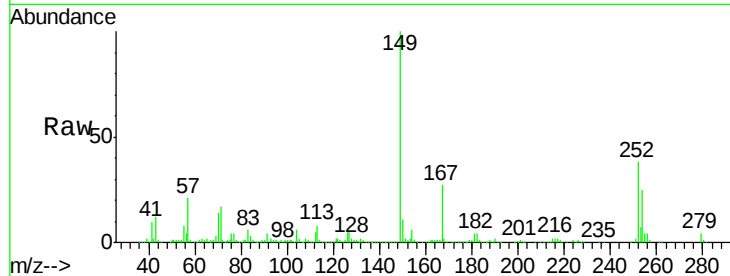




#81
 3,3'-Dichlorobenzidine
 Concen: 47.940 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

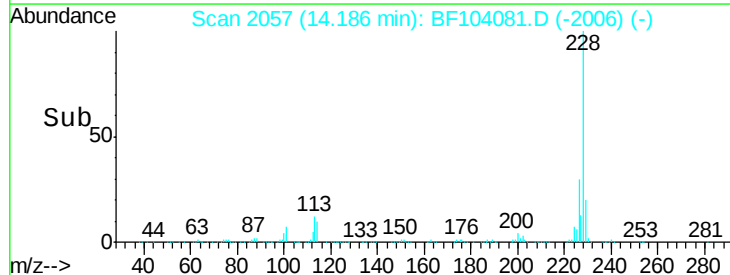
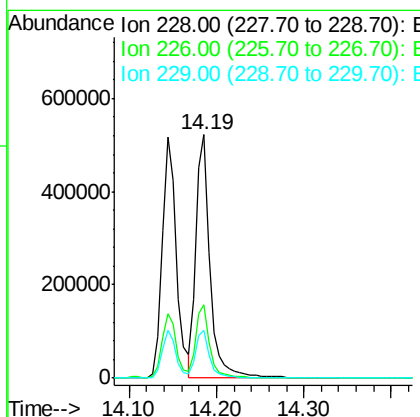
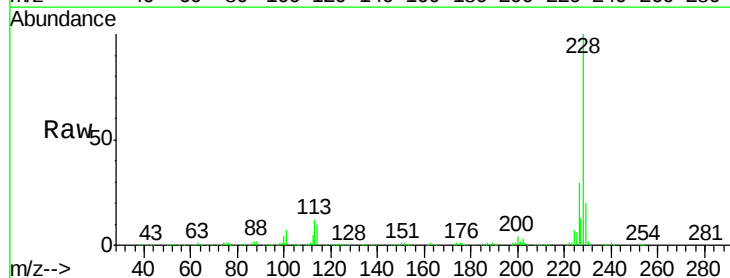
Instrument :
 BNA_F
 ClientSampleId :

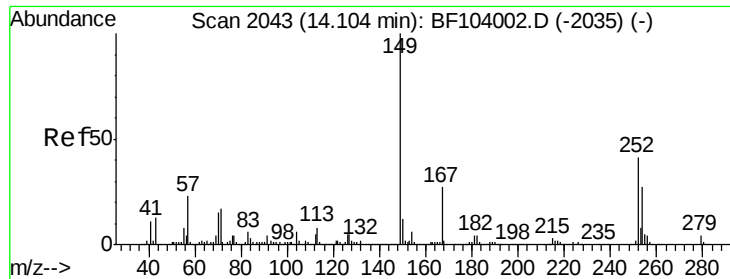
Tot Ion:252 Resp: 206828
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.4 75.6
 126 12.7 11.3 16.9



#82
 Chrysene
 Concen: 46.189 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104081.D
 Acq: 30 Mar 2018 5:43

Tgt Ion:228 Resp: 589657
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.302 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

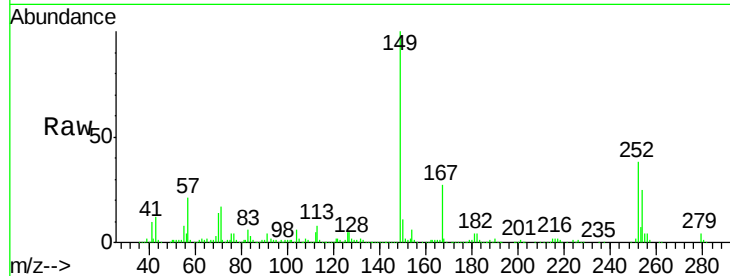
Tot Ion:149 Resp: 394707

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

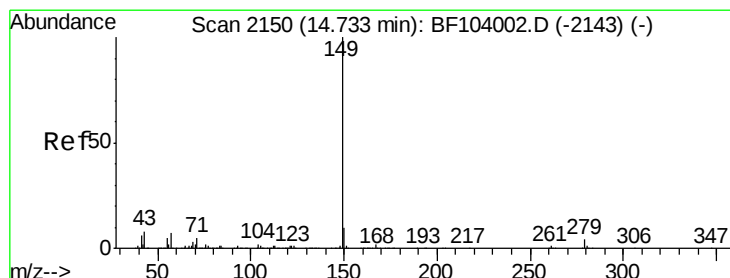
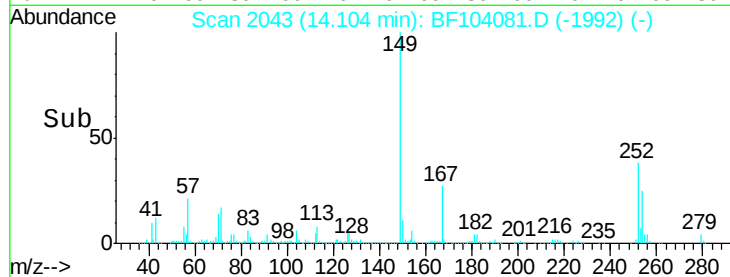
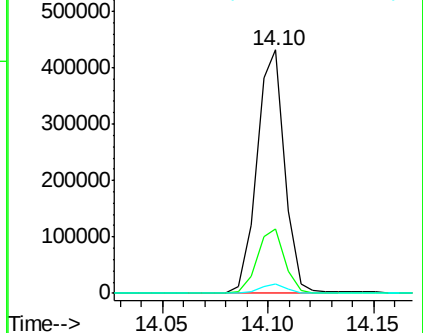
279 4.0 3.0 4.4



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: 44.186 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

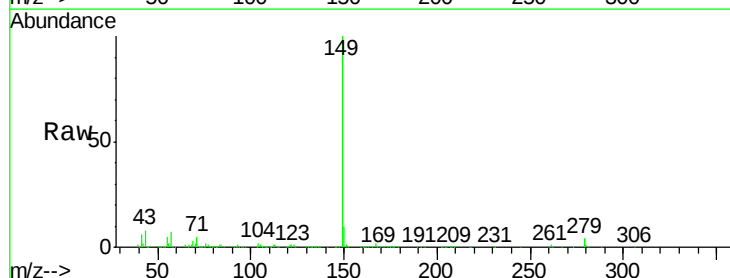
Tgt Ion:149 Resp: 692828

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

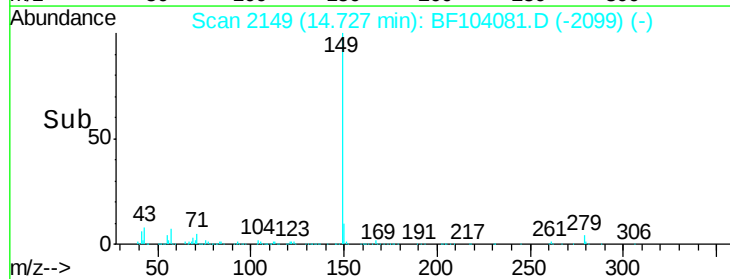
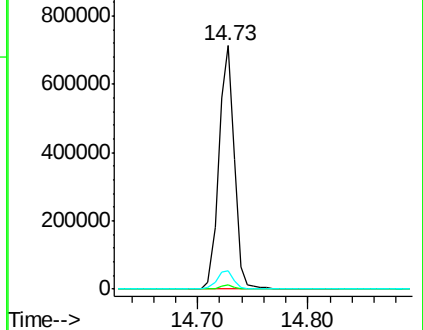
43 8.0 8.4 12.6#

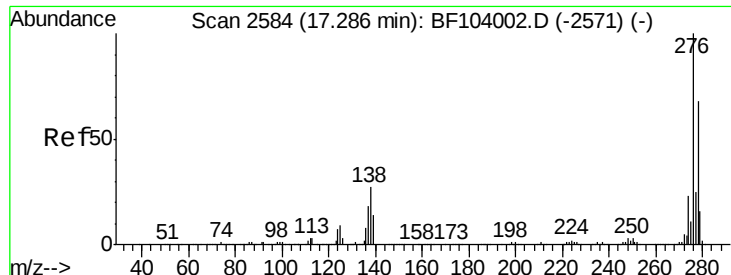


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

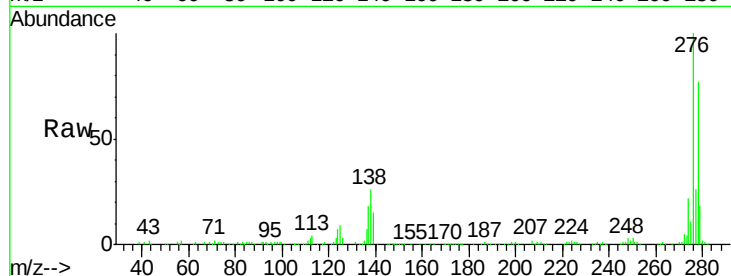




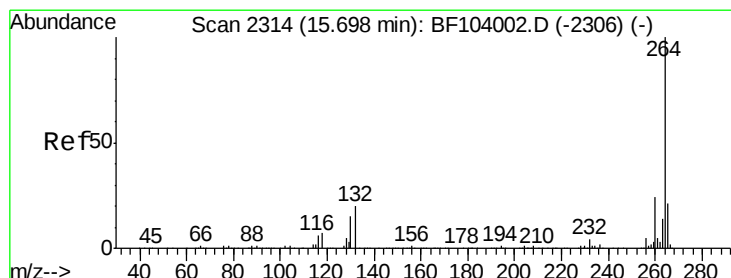
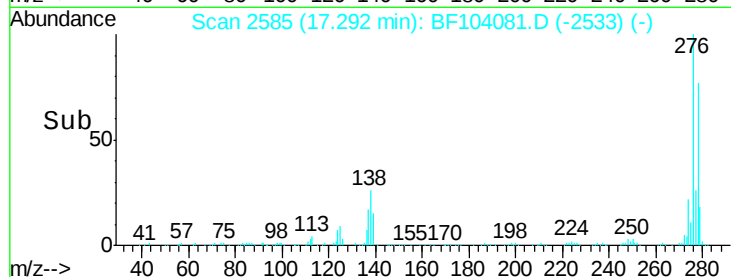
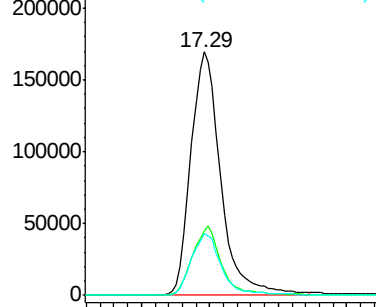
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.869 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.6	20.1	30.1

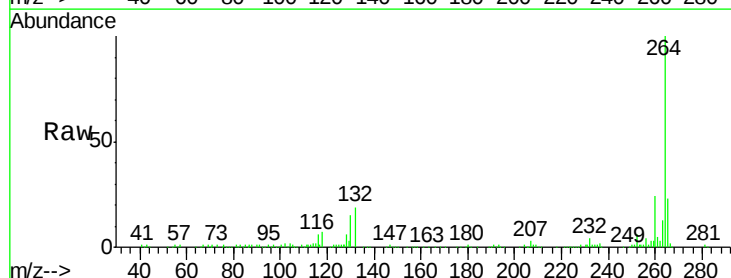


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

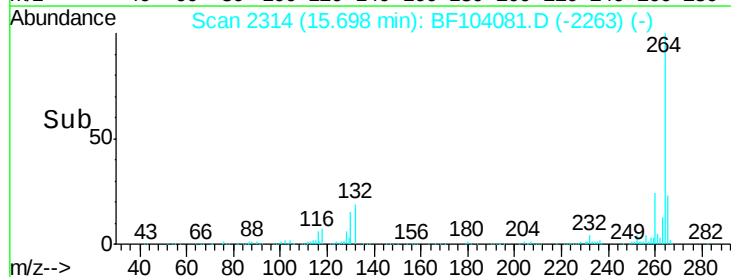
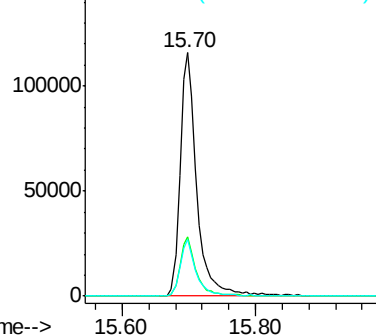


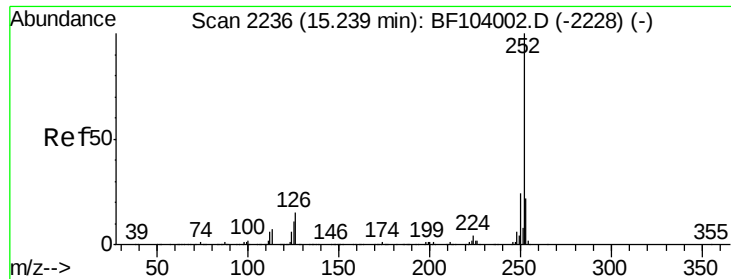
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.3	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

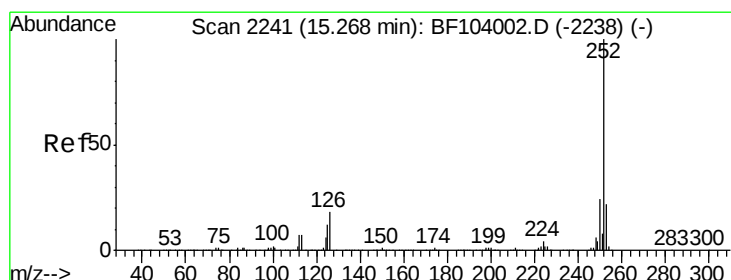
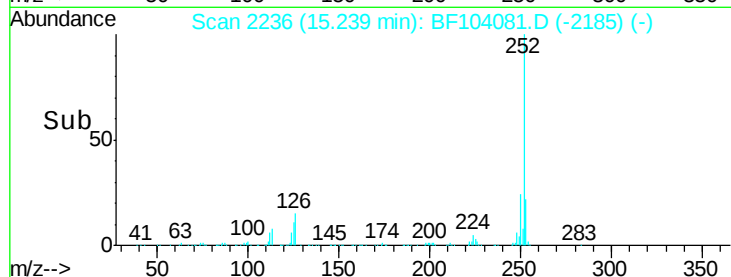
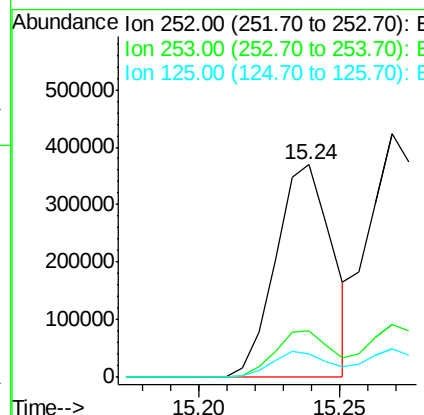
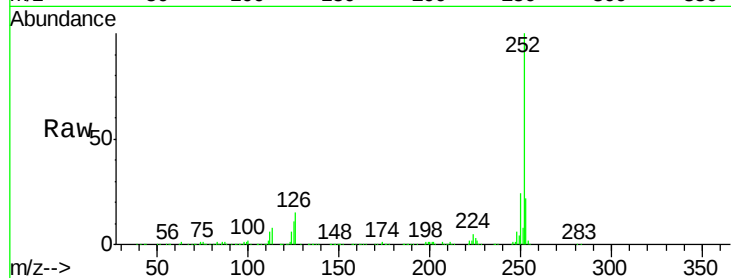




#87
Benzo(b)fluoranthene
Concen: 41.657 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

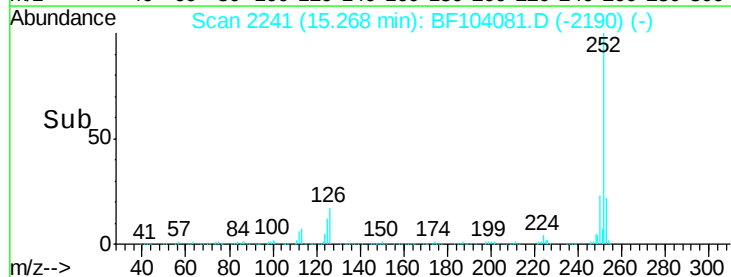
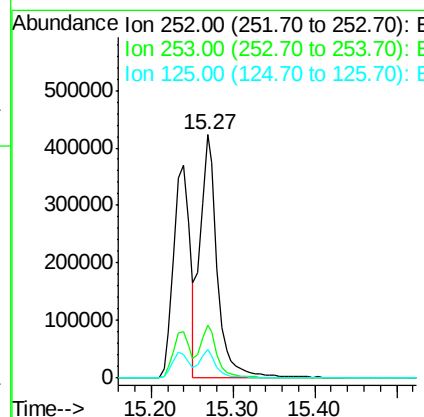
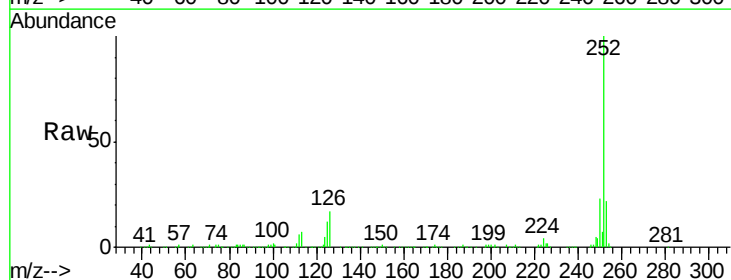
Instrument :
BNA_F
ClientSampleId :

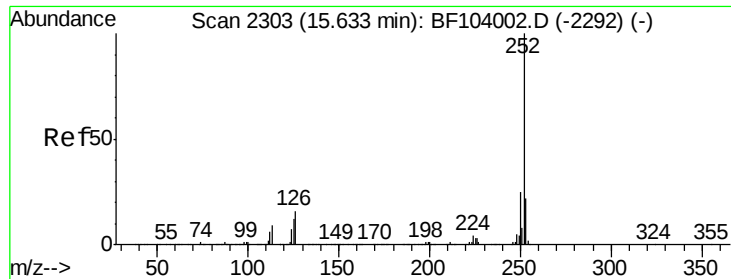
Tot Ion:252 Resp: 512785
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 53.021 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:252 Resp: 614823
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.9 10.2 15.2

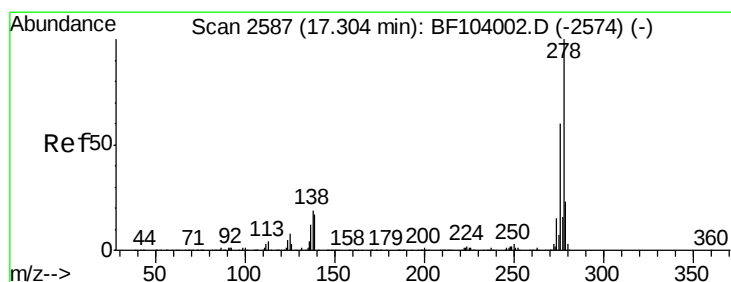
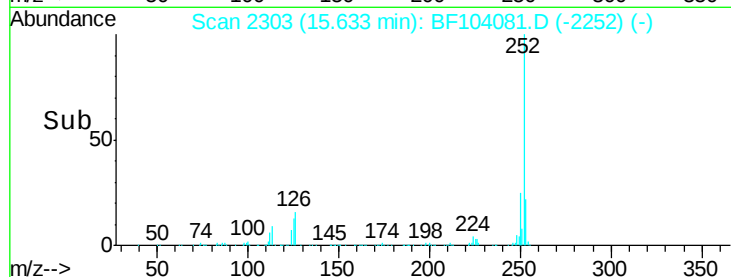
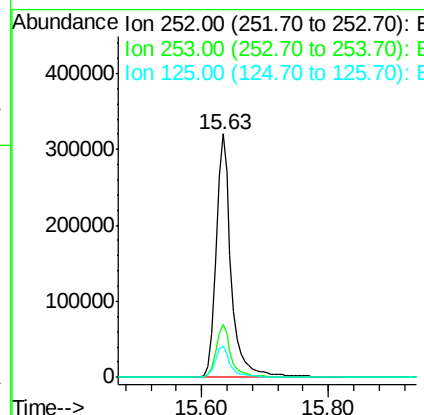
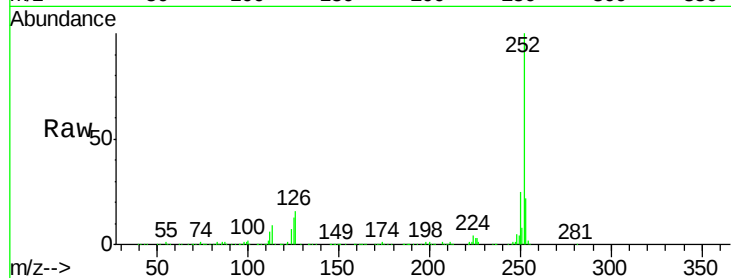




#89
Benzo(a)pyrene
Concen: 46.655 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

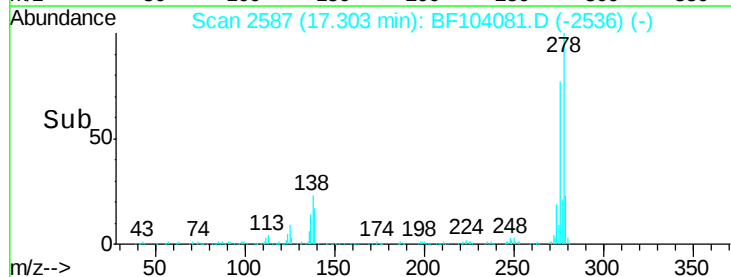
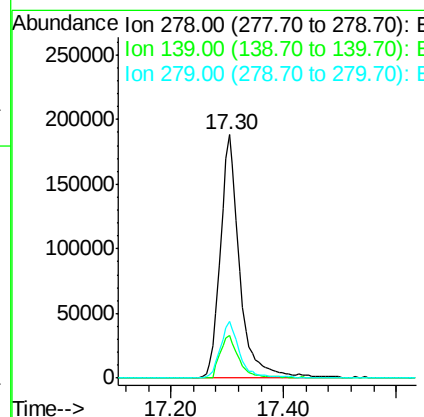
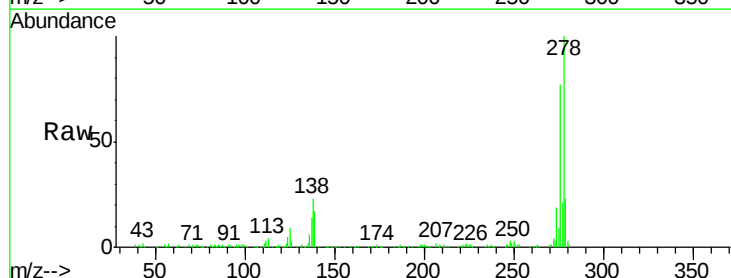
Instrument :
BNA_F
ClientSampleId :

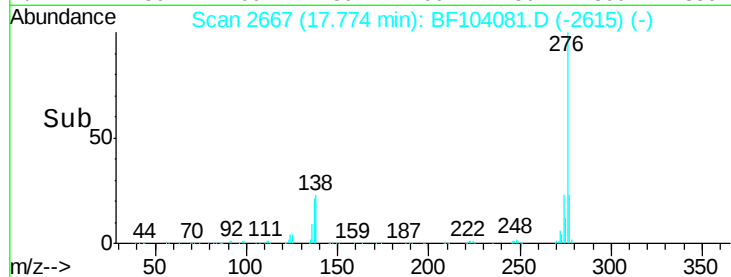
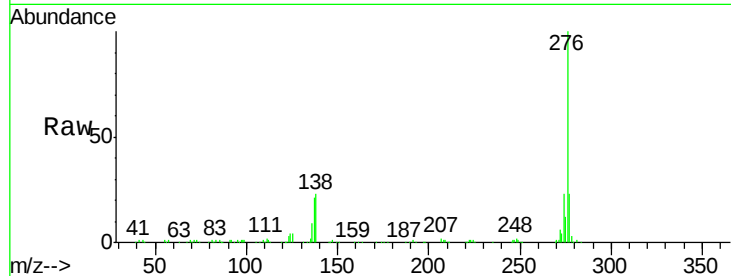
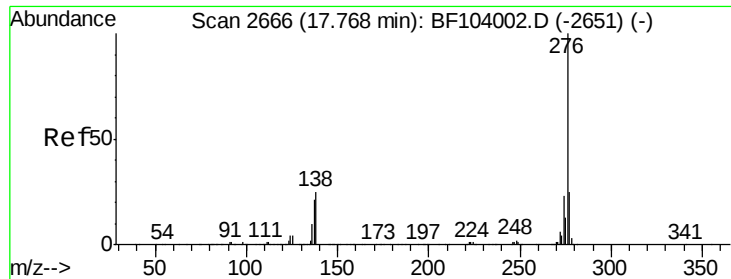
Tot Ion:252 Resp: 532206
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.655 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104081.D
Acq: 30 Mar 2018 5:43

Tgt Ion:278 Resp: 449872
Ion Ratio Lower Upper
278 100
139 17.4 15.9 23.9
279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.570 ng

RT: 17.77 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BF104081.D

Acq: 30 Mar 2018 5:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 407449

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 23.4 21.8 32.8

