

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102876.D
 Acq On : 9 Feb 2018 9:31
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 13:47:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	203061	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	840759	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	376871	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	661863	20.00	ng	0.00
75) Chrysene-d12	14.06	240	456223	20.00	ng	0.01
86) Perylene-d12	15.54	264	391016	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1024878	76.65	ng	0.00
7) Phenol-d6	6.52	99	1269062	78.83	ng	0.01
23) Nitrobenzene-d5	7.46	82	1150695	94.94	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	247203	81.49	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1670257	73.54	ng	0.00
78) Terphenyl-d14	13.00	244	1421808	73.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	286304	43.351	ng	88
3) Pyridine	3.42	79	758647	41.578	ng	91
4) n-Nitrosodimethylamine	3.39	42	352958	45.211	ng	90
6) Aniline	6.55	93	948988	39.915	ng	95
8) 2-Chlorophenol	6.67	128	530911	38.568	ng	96
9) Benzaldehyde	6.44	77	437673	36.607	ng	98
10) Phenol	6.53	94	743316	43.082	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	555181	38.670	ng	90
12) 1,3-Dichlorobenzene	6.83	146	601519	37.735	ng	98
13) 1,4-Dichlorobenzene	6.90	146	595137	37.479	ng	98
14) 1,2-Dichlorobenzene	7.06	146	550427	37.216	ng	99
15) Benzyl Alcohol	7.03	79	508496	41.081	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	969363	35.543	ng	99
17) 2-Methylphenol	7.13	107	497348	39.169	ng	98
18) Hexachloroethane	7.40	117	223603	41.064	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	390787	36.815	ng	95
20) 3+4-Methylphenols	7.29	107	574805	36.709	ng	# 78
22) Acetophenone	7.30	105	739931	35.964	ng	# 91
24) Nitrobenzene	7.47	77	636500	44.646	ng	98
25) Isophorone	7.71	82	1088849	39.016	ng	98
26) 2-Nitrophenol	7.79	139	302589	51.002	ng	95
27) 2,4-Dimethylphenol	7.82	122	457460	38.799	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	638671	38.632	ng	100
29) 2,4-Dichlorophenol	8.03	162	427133	39.851	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	453076	37.366	ng	99
31) Naphthalene	8.19	128	1519688	36.995	ng	99
32) Benzoic acid	7.95	122	296094	38.837	ng	97
33) 4-Chloroaniline	8.24	127	679171	38.380	ng	97
34) Hexachlorobutadiene	8.30	225	232591	37.434	ng	97
35) Caprolactam	8.62	113	157844	42.405	ng	# 70
36) 4-Chloro-3-methylphenol	8.72	107	482946	40.102	ng	99
37) 2-Methylnaphthalene	8.89	142	974441	36.233	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	383852	37.407	ng	98
40) Hexachlorocyclopentadiene	9.03	237	176904	36.265	ng	97

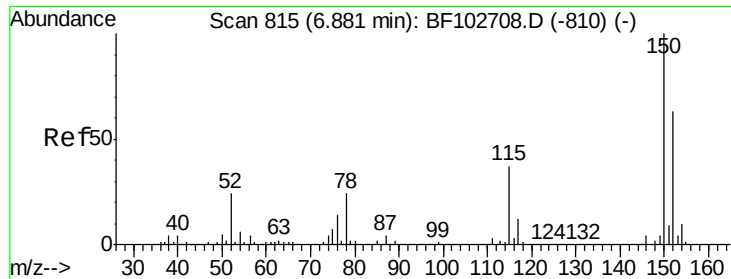
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102876.D
 Acq On : 9 Feb 2018 9:31
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 13:47:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	277487	41.170	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	313620	41.284	ng	97
45) 1,1'-Biphenyl	9.35	154	1162764	36.631	ng	99
46) 2-Chloronaphthalene	9.37	162	935585	37.438	ng	99
47) 2-Nitroaniline	9.47	65	386374	49.952	ng	85
48) Acenaphthylene	9.79	152	1455030	37.487	ng	99
49) Dimethylphthalate	9.65	163	1123526	38.234	ng	99
50) 2,6-Dinitrotoluene	9.71	165	247112	44.201	ng	# 81
51) Acenaphthene	9.96	154	883057	38.043	ng	99
52) 3-Nitroaniline	9.88	138	316972	46.078	ng	93
53) 2,4-Dinitrophenol	9.99	184	84011	56.731	ng	# 17
54) Dibenzofuran	10.13	168	1197800	36.617	ng	95
55) 4-Nitrophenol	10.03	139	222686	41.435	ng	# 85
56) 2,4-Dinitrotoluene	10.12	165	328526	44.084	ng	# 89
57) Fluorene	10.48	166	915746	38.476	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	214584	40.755	ng	95
59) Diethylphthalate	10.35	149	1081107	37.260	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	399643	37.958	ng	98
61) 4-Nitroaniline	10.50	138	313623	47.898	ng	99
62) Azobenzene	10.63	77	1141562	39.383	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	150546	52.801	ng	92
65) n-Nitrosodiphenylamine	10.59	169	848475	36.344	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	251603	35.937	ng	98
67) Hexachlorobenzene	11.03	284	279300	36.161	ng	95
68) Atrazine	11.12	200	266937	38.758	ng	98
69) Pentachlorophenol	11.22	266	166540	36.732	ng	98
70) Phenanthrene	11.44	178	1336762	36.265	ng	99
71) Anthracene	11.50	178	1369216	36.521	ng	99
72) Carbazole	11.65	167	1365656	37.181	ng	99
73) Di-n-butylphthalate	11.97	149	1692269	37.929	ng	99
74) Fluoranthene	12.63	202	1370638	36.957	ng	99
76) Benzidine	12.75	184	911501	43.471	ng	99
77) Pyrene	12.86	202	1415164	39.557	ng	100
79) Butylbenzylphthalate	13.47	149	735684	43.098	ng	94
80) Benzo(a)anthracene	14.05	228	1129590	39.369	ng	100
81) 3,3'-Dichlorobenzidine	14.01	252	424862	39.937	ng	99
82) Chrysene	14.09	228	1080947	37.373	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	952194	43.449	ng	99
84) Di-n-octyl phthalate	14.64	149	1390033	42.242	ng	96
85) Indeno(1,2,3-cd)pyrene	17.06	276	925838	38.595	ng	99
87) Benzo(b)fluoranthene	15.11	252	963278	37.998	ng	98
88) Benzo(k)fluoranthene	15.14	252	906213	37.412	ng	99
89) Benzo(a)pyrene	15.48	252	853560	37.406	ng	97
90) Dibenzo(a,h)anthracene	17.07	278	764018	41.250	ng	99
91) Benzo(g,h,i)perylene	17.52	276	800704	44.168	ng	96

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

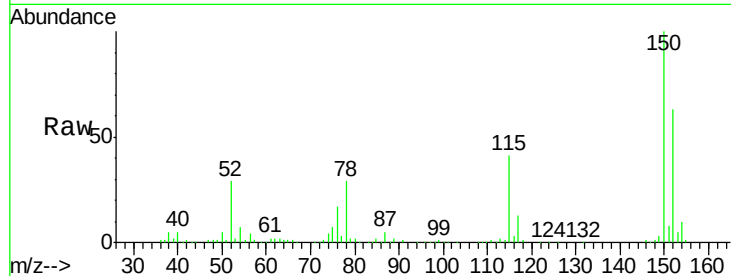


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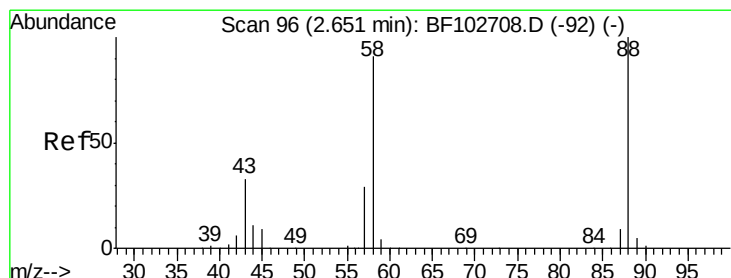
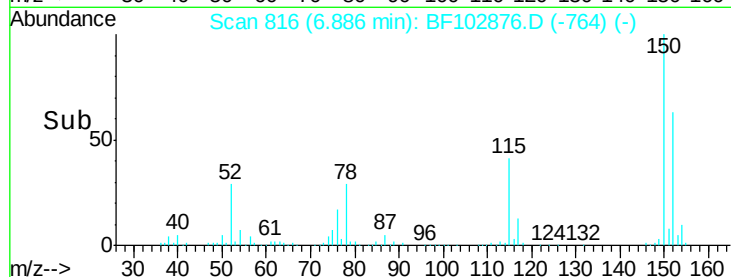
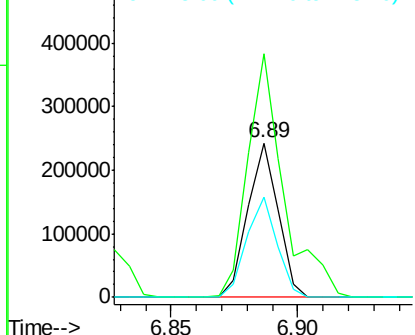
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 203061
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 65.3 50.1 75.1



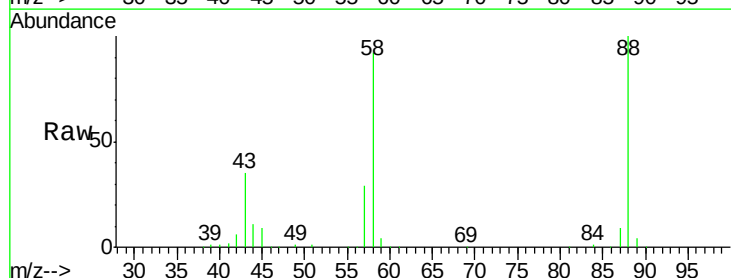
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



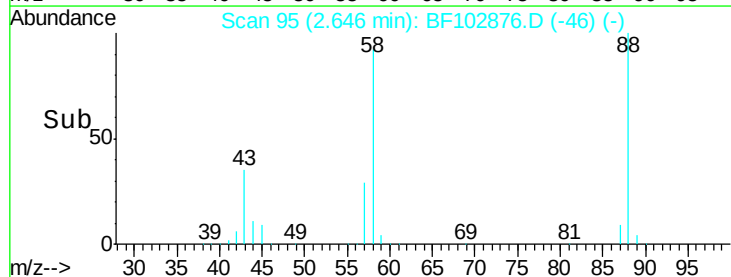
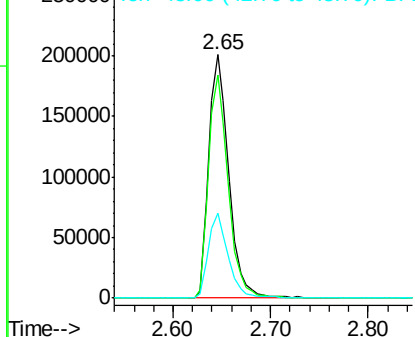
#2

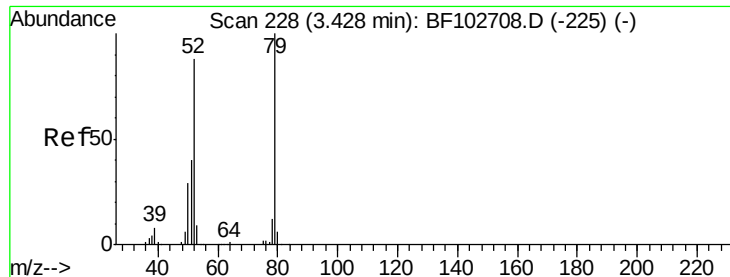
1,4-Dioxane
Concen: 43.351 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion: 88 Resp: 286304
Ion Ratio Lower Upper
88 100
58 90.2 62.6 93.8
43 34.5 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: 41.578 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

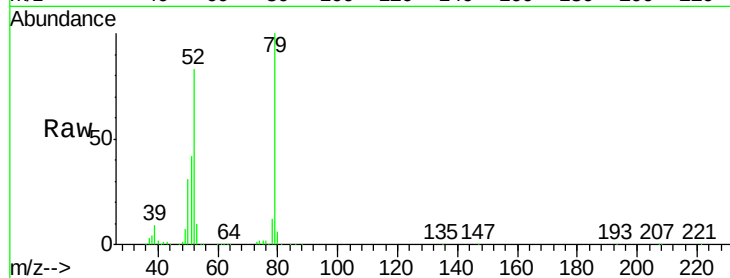
Tot Ion: 79 Resp: 758647

Ion Ratio Lower Upper

79 100

52 82.8 59.8 89.6

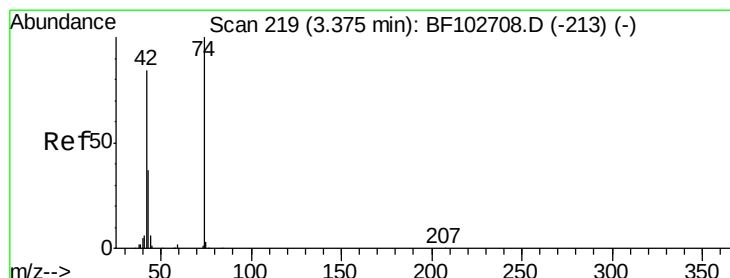
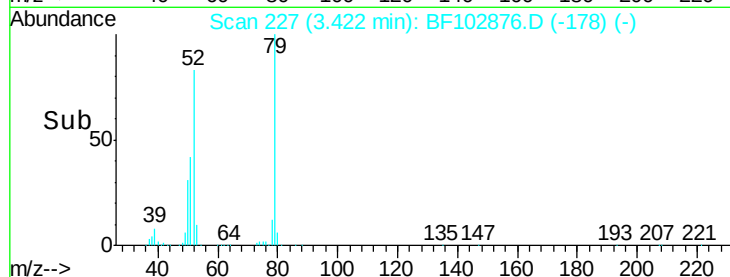
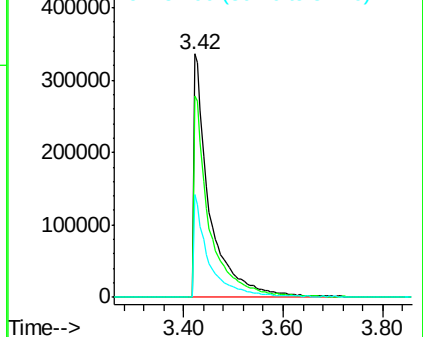
51 42.0 29.8 44.8



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: 45.211 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

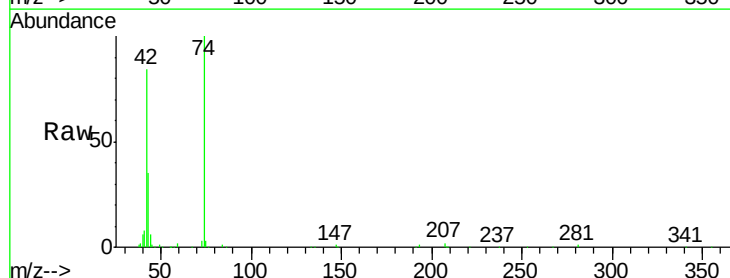
Tgt Ion: 42 Resp: 352958

Ion Ratio Lower Upper

42 100

74 119.4 104.9 157.3

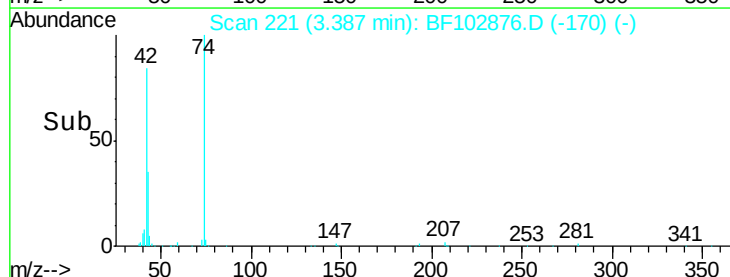
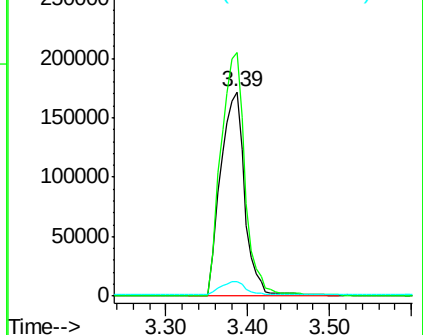
44 7.0 6.9 10.3

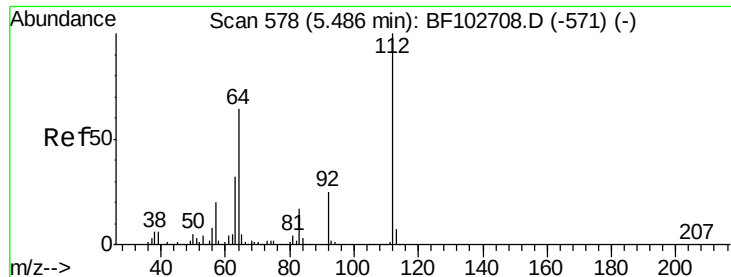


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.649 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

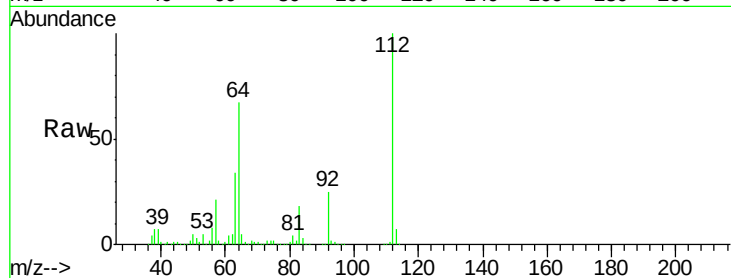
Tot Ion:112 Resp: 1024878

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

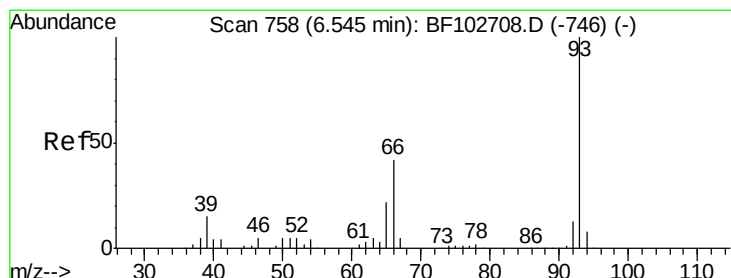
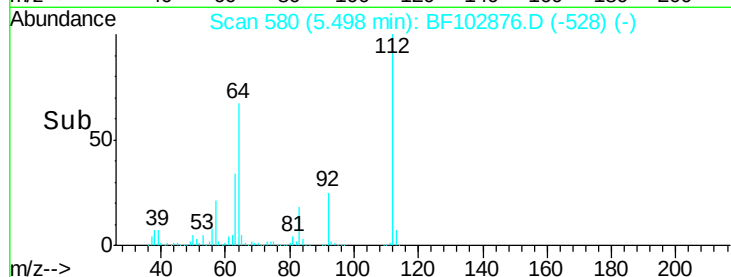
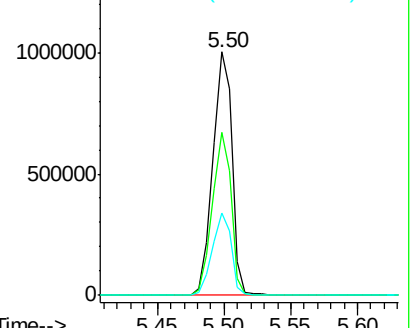
63 34.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.915 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

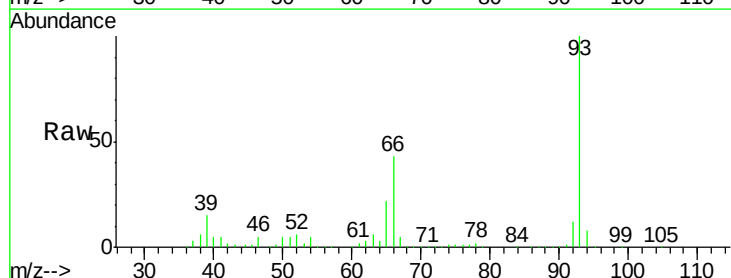
Tgt Ion: 93 Resp: 948988

Ion Ratio Lower Upper

93 100

66 43.4 32.2 48.2

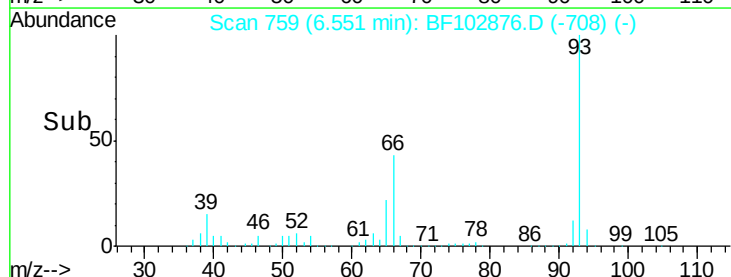
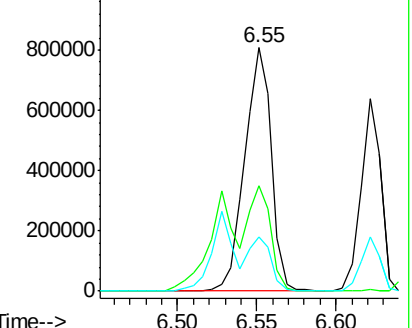
65 22.4 16.4 24.6

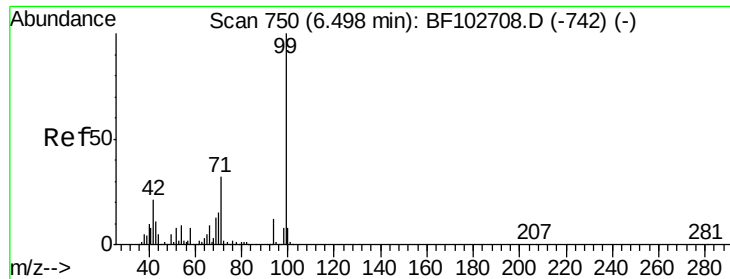


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.826 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

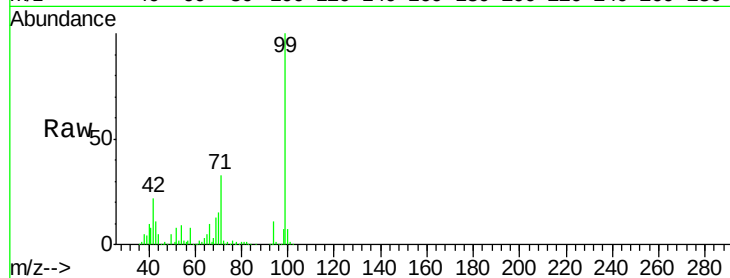
Instrument :

BNA_F

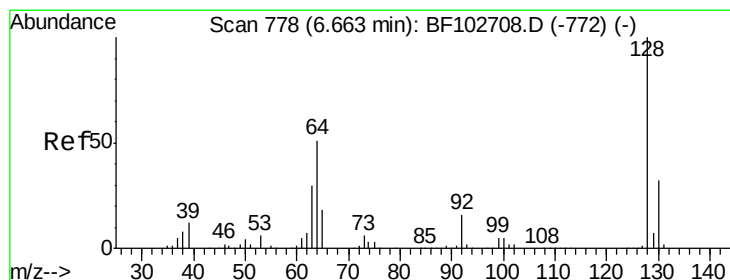
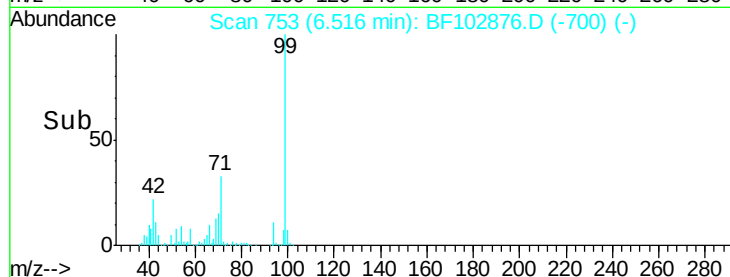
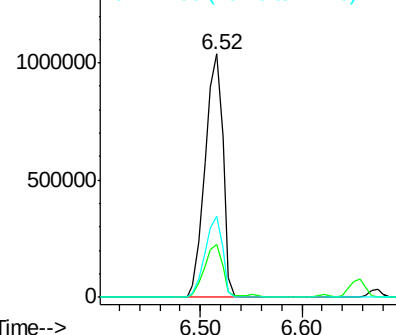
ClientSampled :

Tot Ion: 99 Resp: 1269062

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	33.2	25.4	38.0



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



#8

2-Chlorophenol

Concen: 38.568 ng

RT: 6.67 min Scan# 780

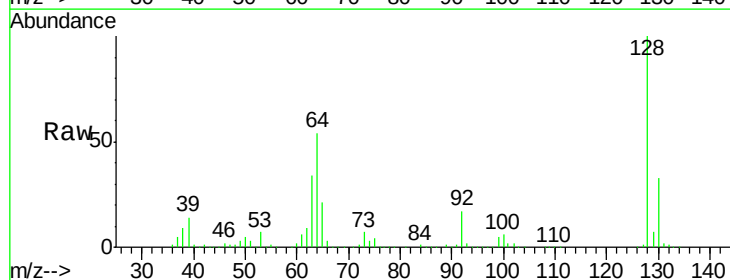
Delta R.T. 0.01 min

Lab File: BF102876.D

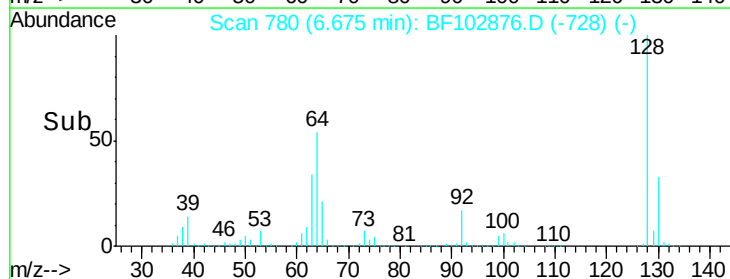
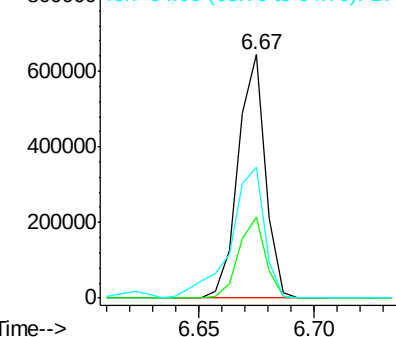
Acq: 9 Feb 2018 9:31

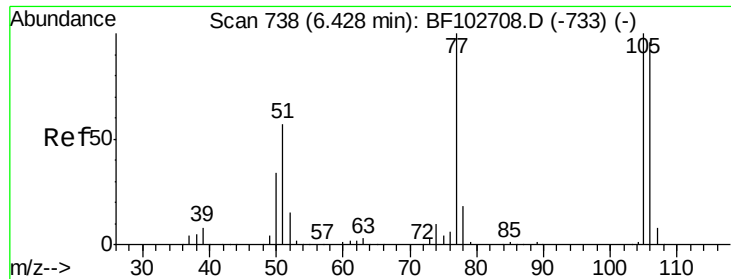
Tgt Ion: 128 Resp: 530911

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	53.8	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

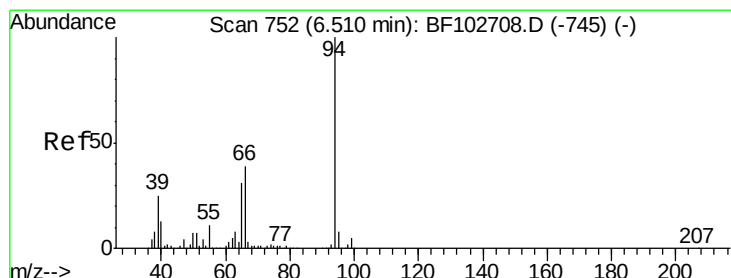
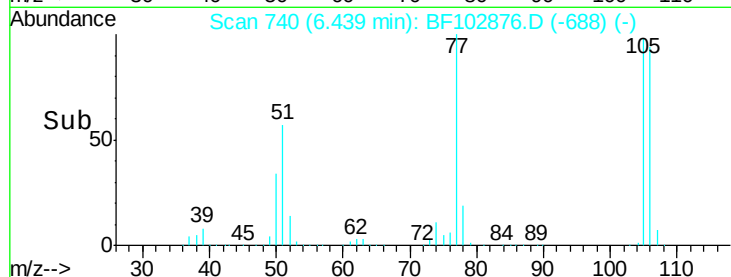
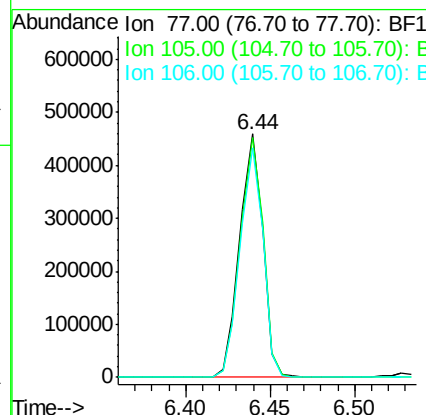
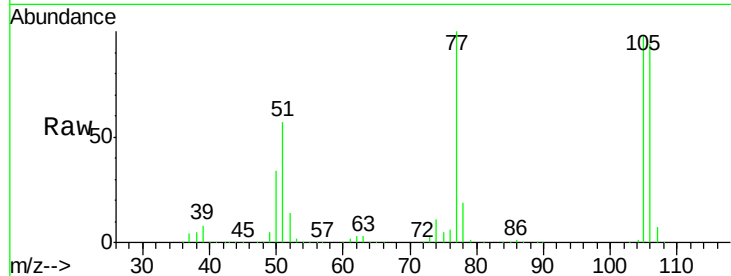




#9
Benzaldehyde
Concen: 36.607 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

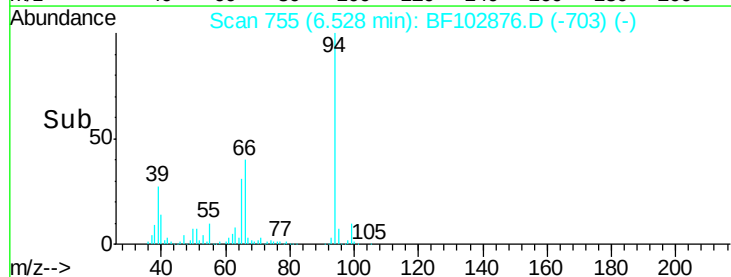
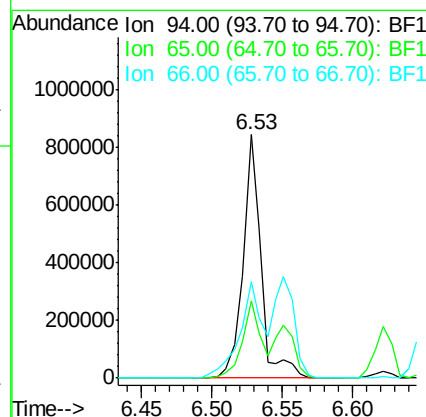
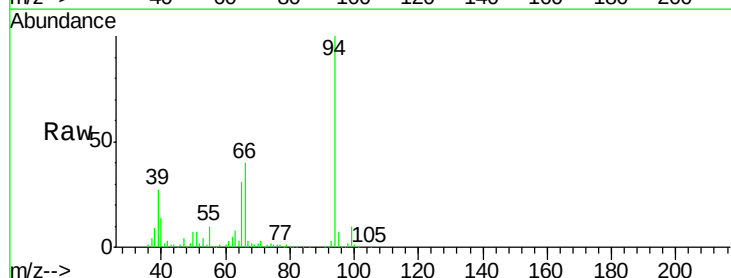
Instrument :
BNA_F
ClientSampled :

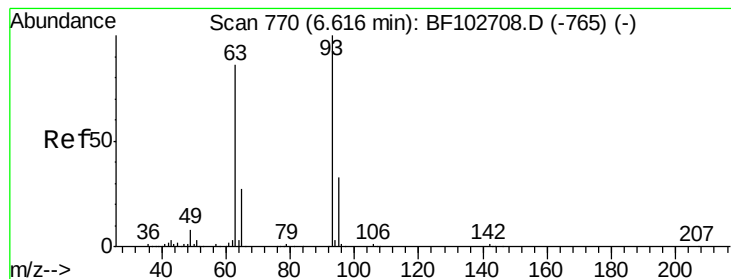
Tot Ion: 77 Resp: 437673
Ion Ratio Lower Upper
77 100
105 98.3 81.1 121.1
106 94.3 74.5 114.5



#10
Phenol
Concen: 43.082 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion: 94 Resp: 743316
Ion Ratio Lower Upper
94 100
65 31.5 7.9 47.9
66 39.7 16.2 56.2

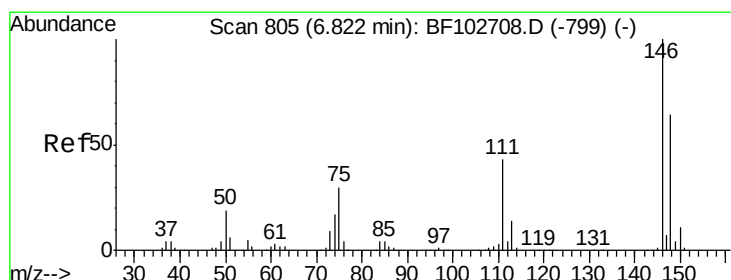
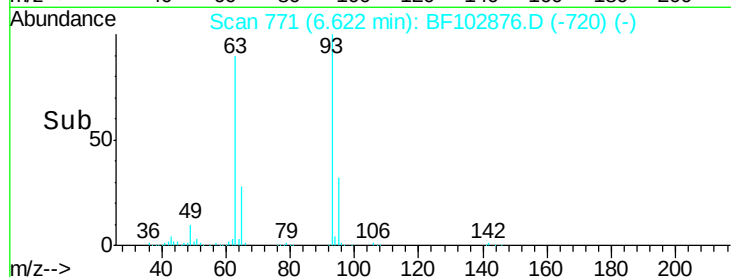
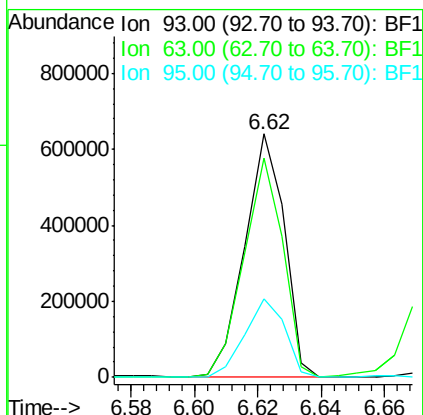
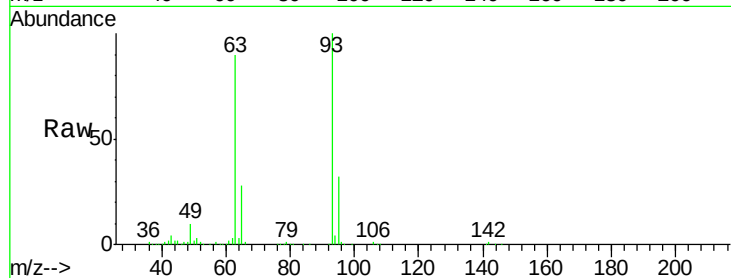




#11
bis(2-Chloroethyl)ether
Concen: 38.670 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

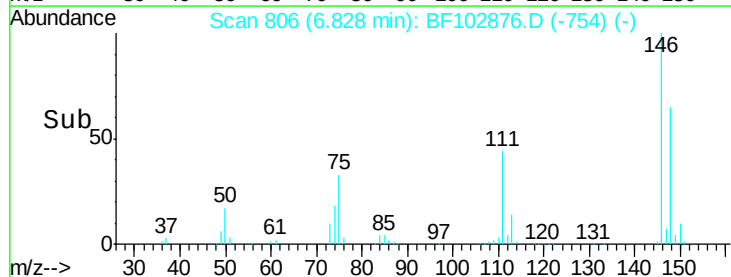
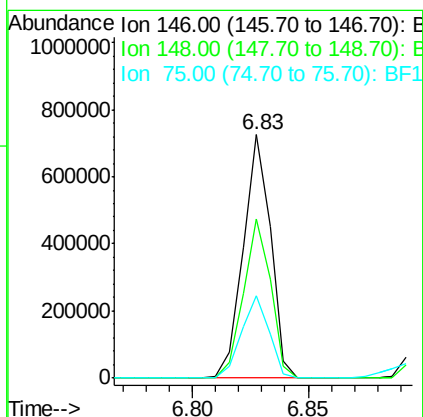
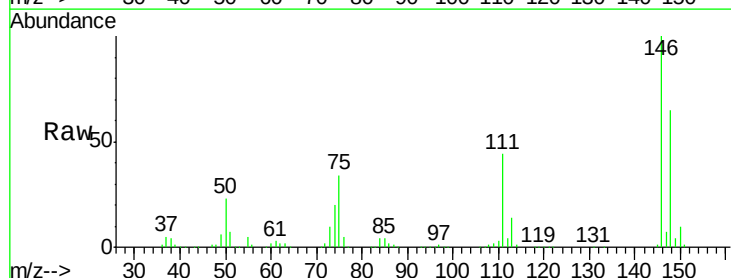
Instrument :
BNA_F
ClientSampled :

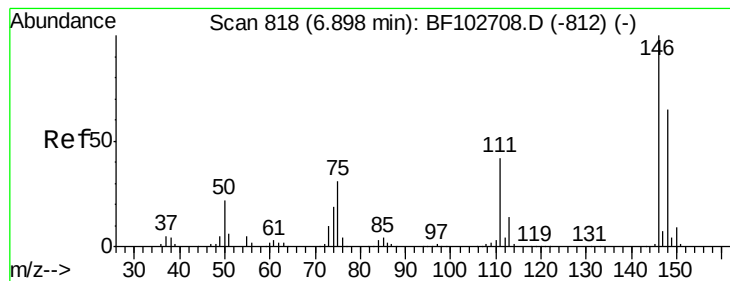
Tot Ion: 93 Resp: 555181
Ion Ratio Lower Upper
93 100
63 90.1 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.735 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion: 146 Resp: 601519
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
75 33.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.479 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampled :

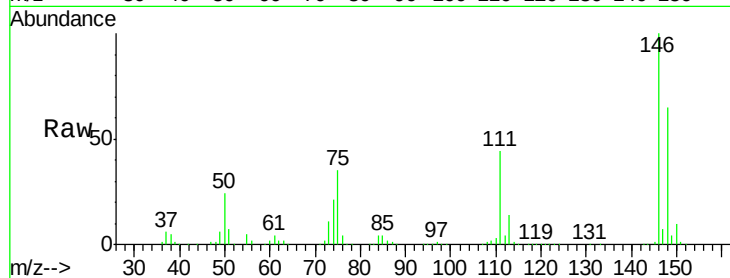
Tot Ion:146 Resp: 595137

Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

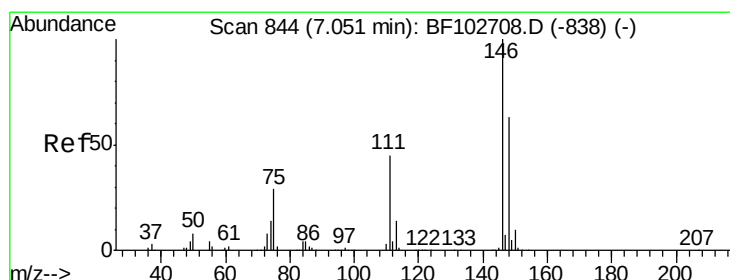
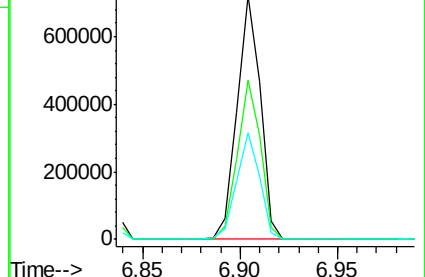
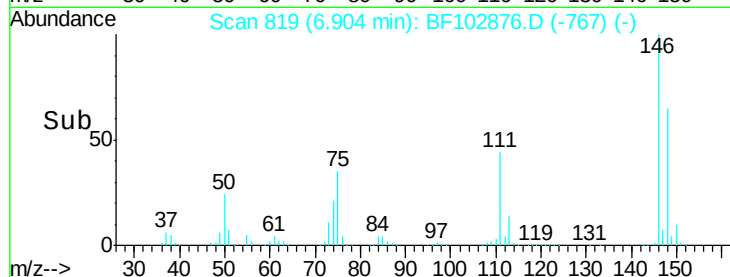
111 43.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.216 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

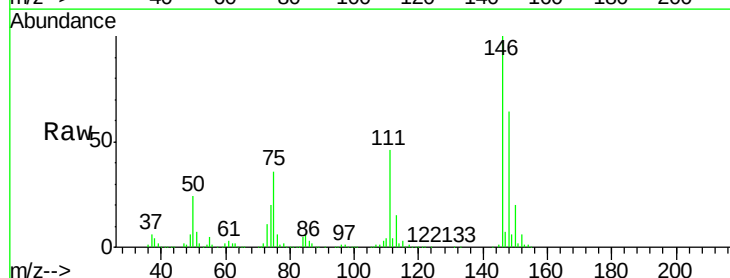
Tgt Ion:146 Resp: 550427

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

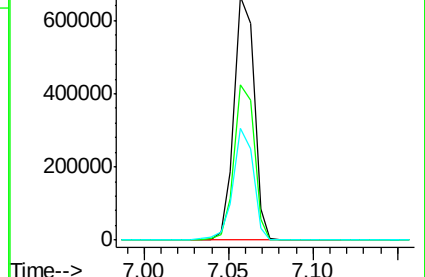
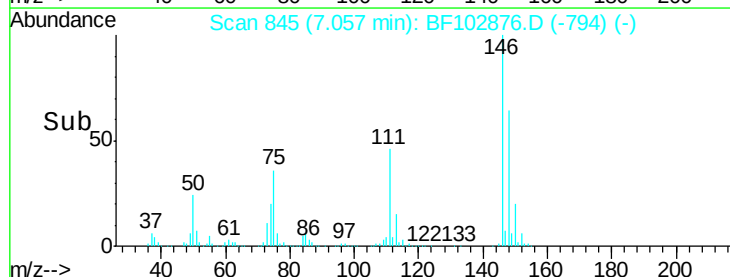
111 46.0 36.0 54.0

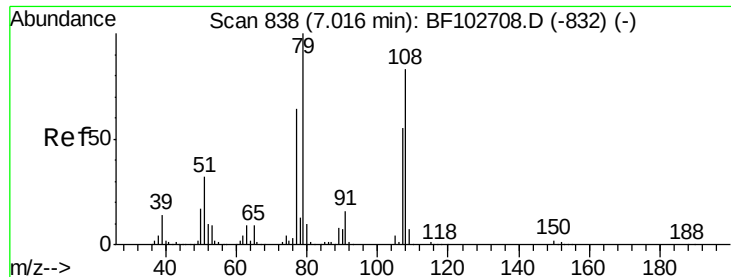


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.081 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

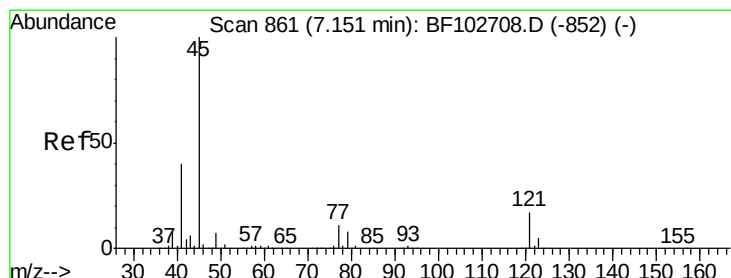
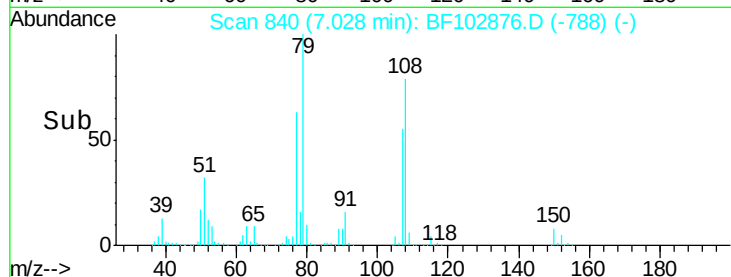
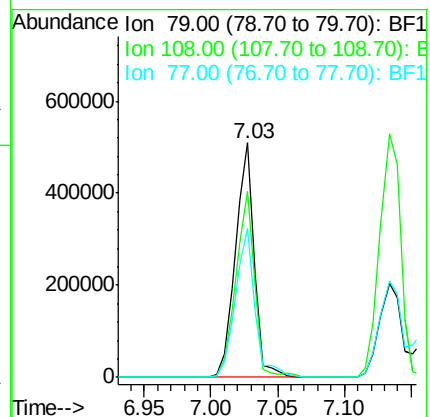
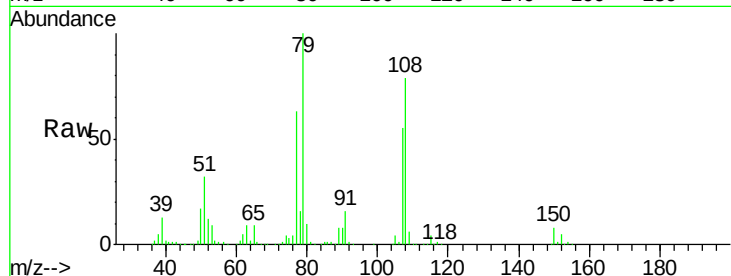
Tot Ion: 79 Resp: 508496

Ion Ratio Lower Upper

79 100

108 79.5 65.1 97.7

77 63.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.543 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

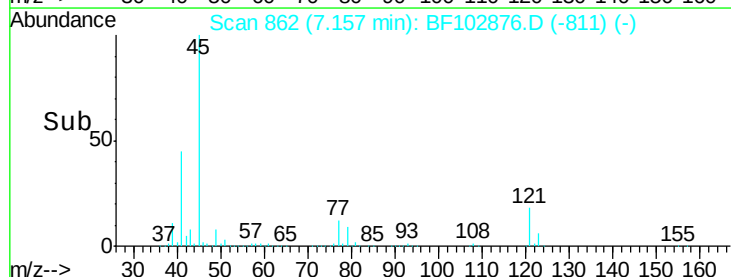
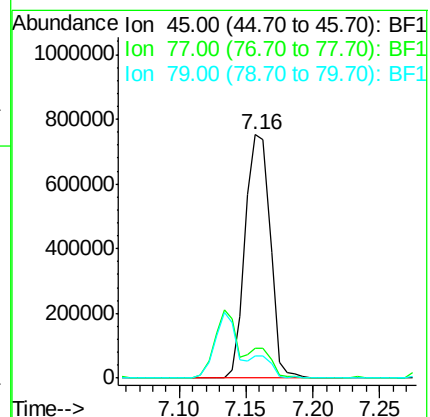
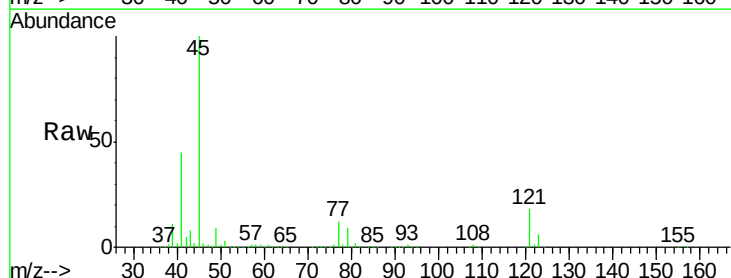
Tgt Ion: 45 Resp: 969363

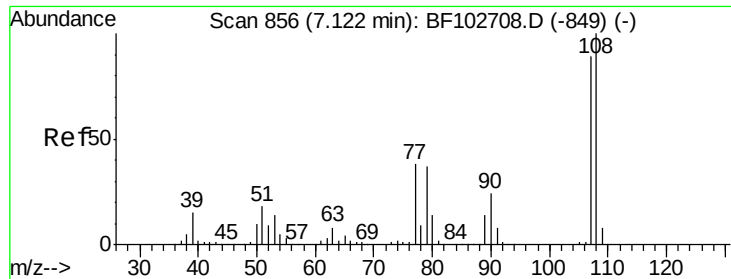
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 9.4 0.0 29.6

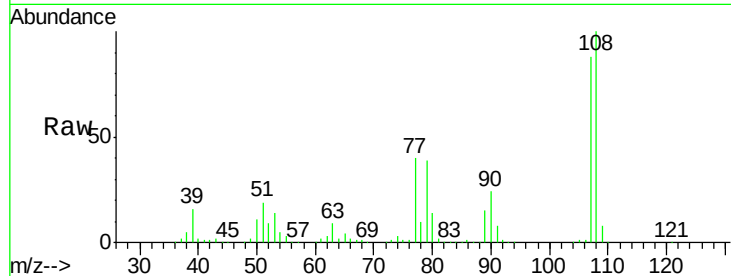




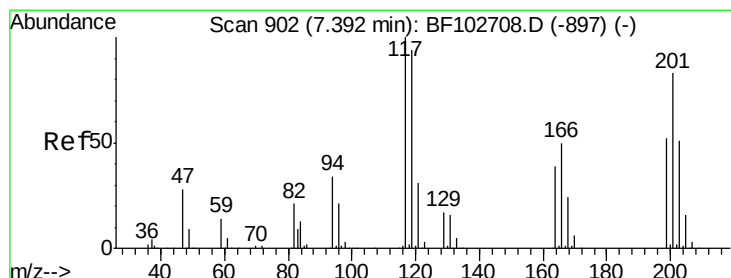
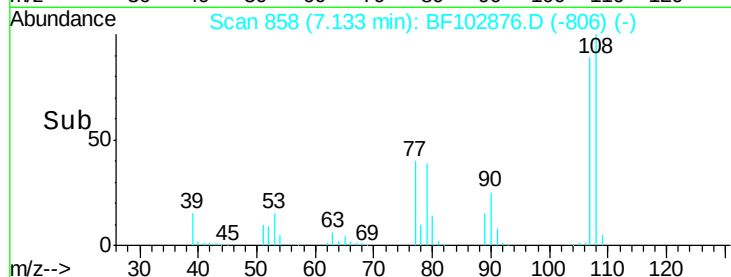
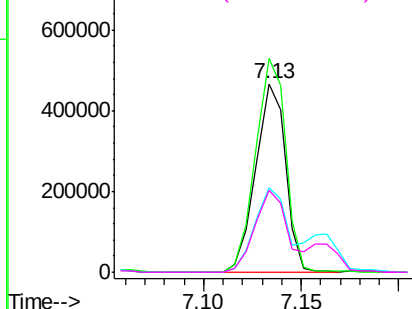
#17
2-Methylphenol
Concen: 39.169 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 497348
Ion Ratio Lower Upper
107 100
108 113.3 91.7 137.5
77 45.1 33.8 50.8
79 43.7 33.8 50.8

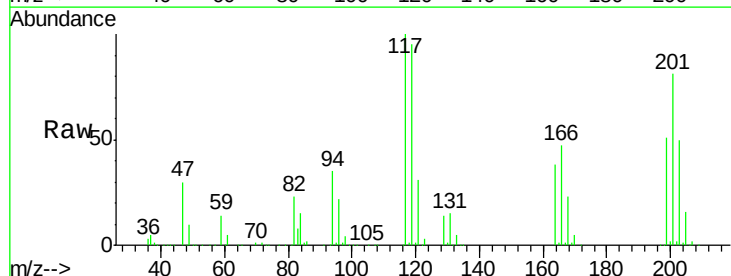


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

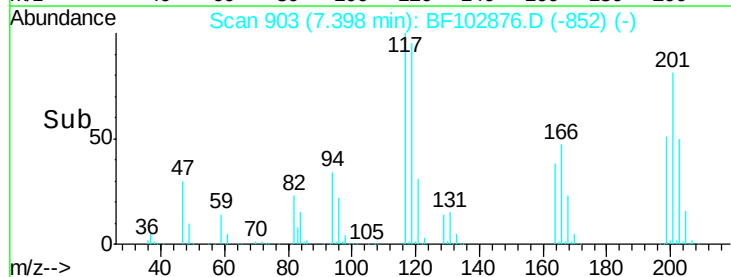
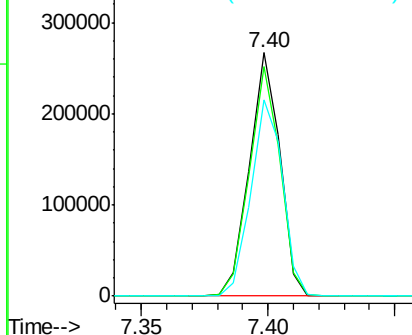


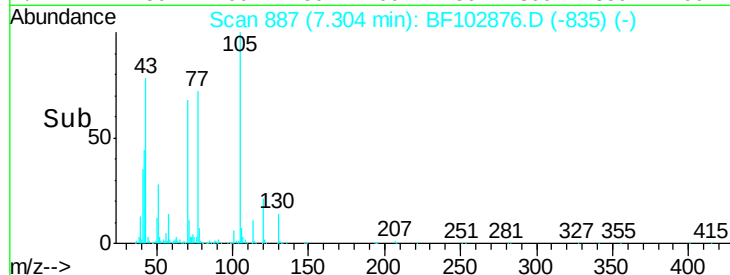
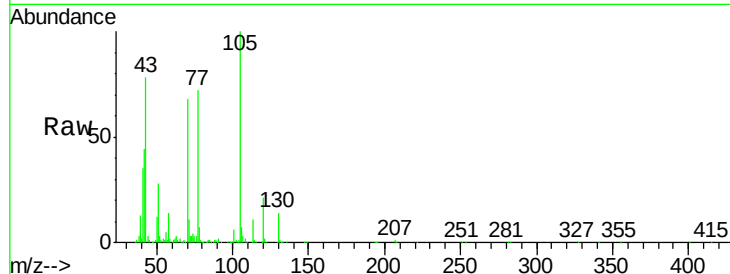
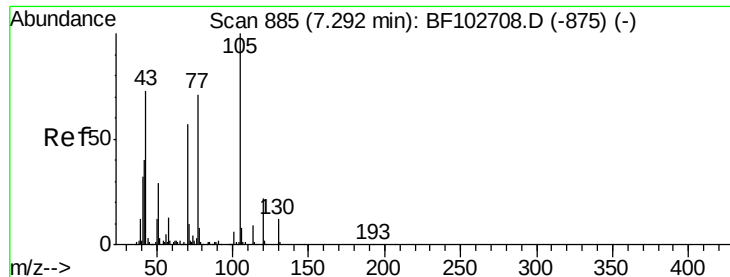
#18
Hexachloroethane
Concen: 41.064 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:117 Resp: 223603
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 80.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

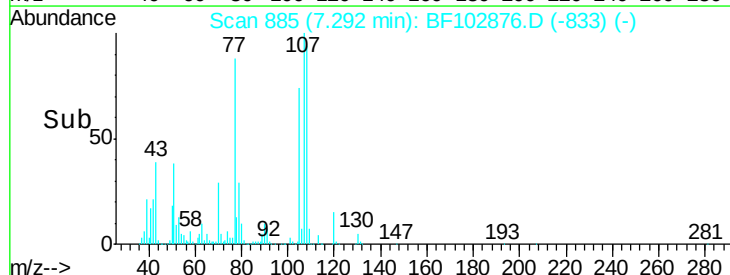
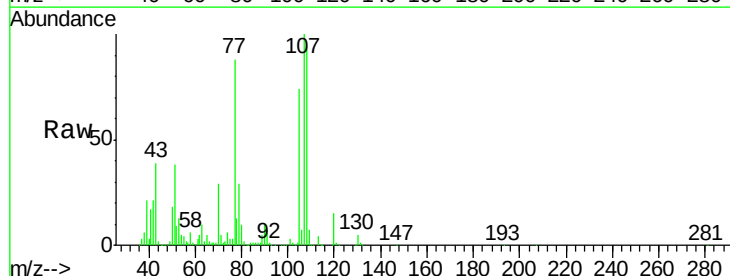
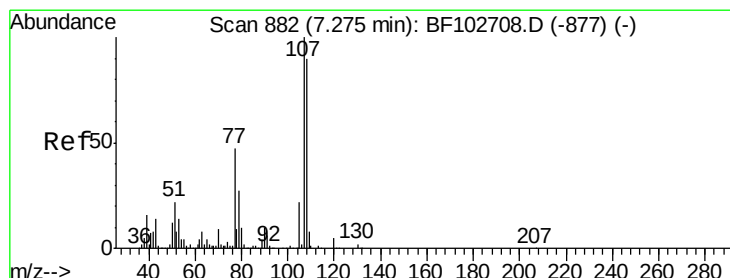
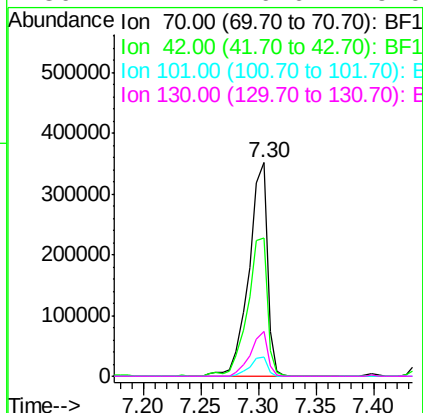




#19
n-Nitroso-di-n-propylamine
Concen: 36.815 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

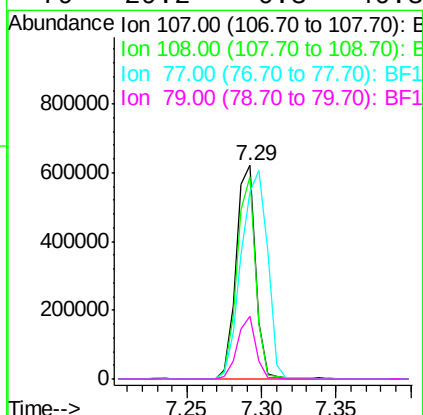
Instrument :
BNA_F
ClientSampleId :

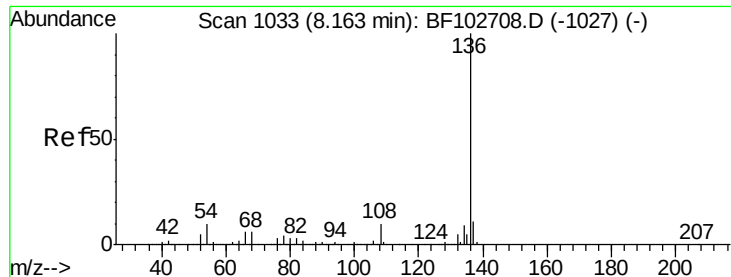
Tot Ion:	70	Resp:	390787
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.5	71.3
101	9.2	7.4	11.2
130	21.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.709 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:	107	Resp:	574805
Ion	Ratio	Lower	Upper
107	100		
108	94.5	68.2	108.2
77	87.6	26.7	66.7#
79	29.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 840759

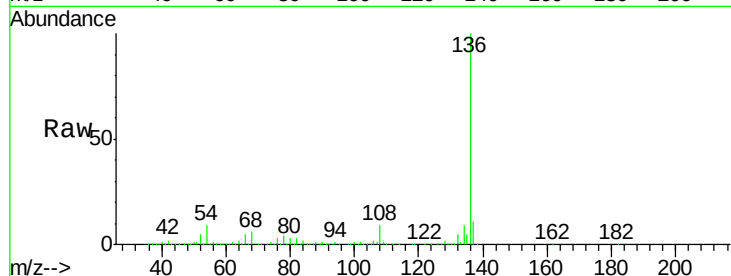
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.0 6.6 9.8

68 6.1 5.0 7.4

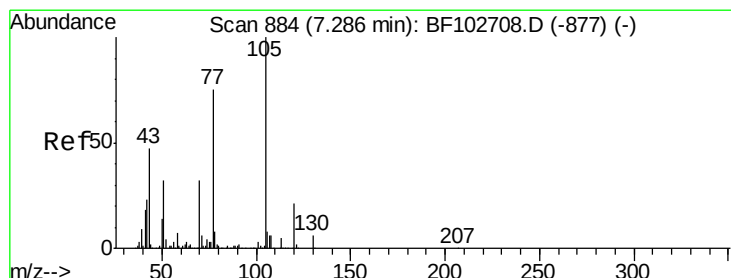
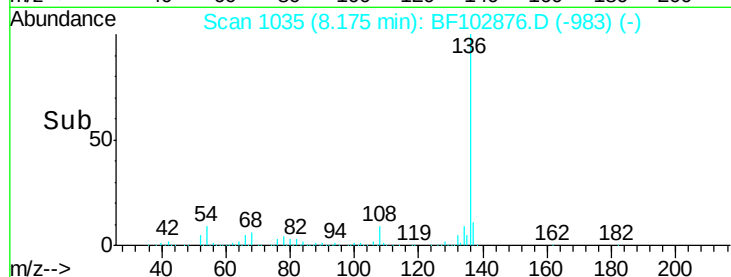
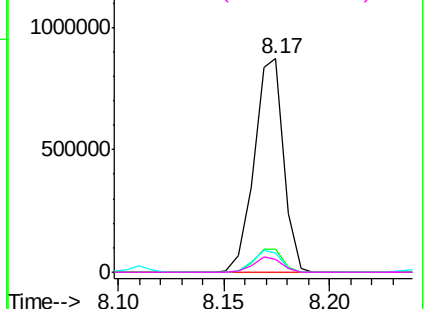


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.964 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Tgt Ion:105 Resp: 739931

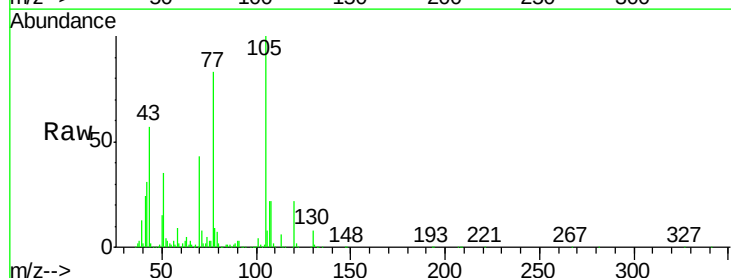
Ion Ratio Lower Upper

105 100

71 7.5 4.4 6.6#

51 35.4 22.3 33.5#

120 21.9 16.9 25.3

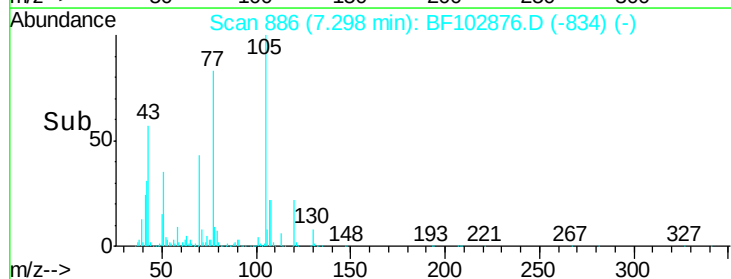
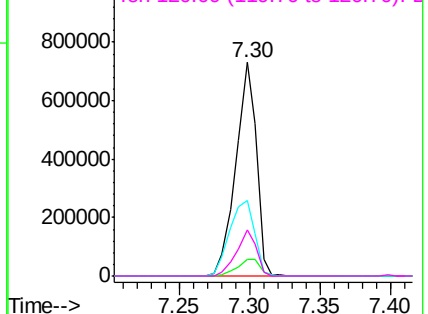


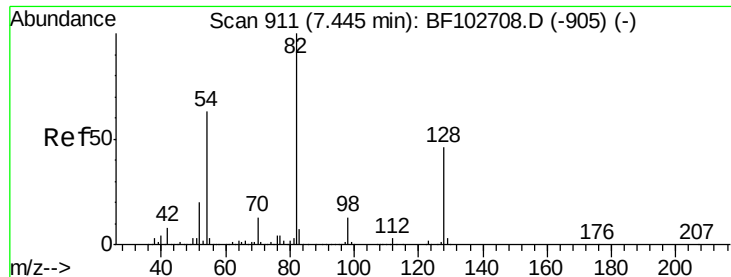
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

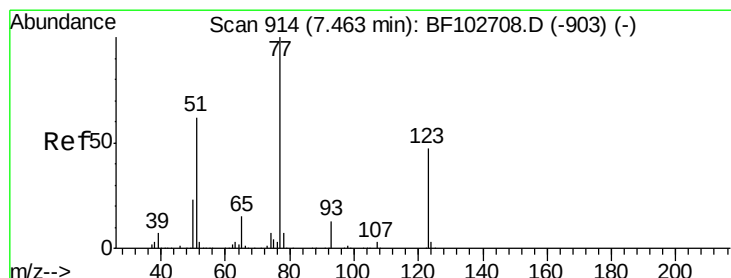
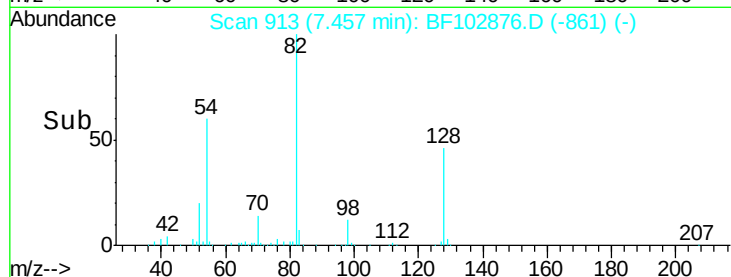
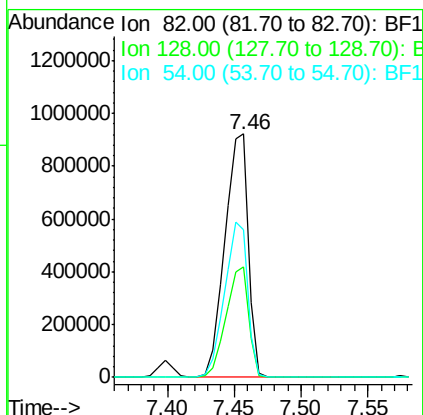
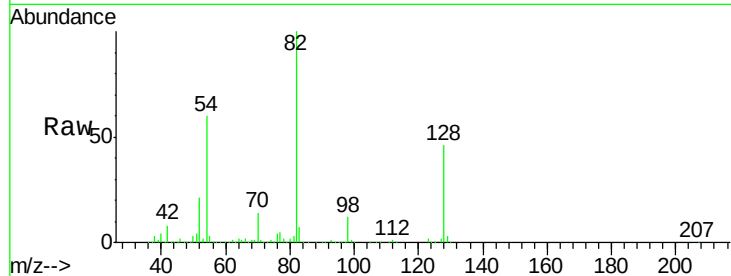




#23
 Nitrobenzene-d5
 Concen: 94.943 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

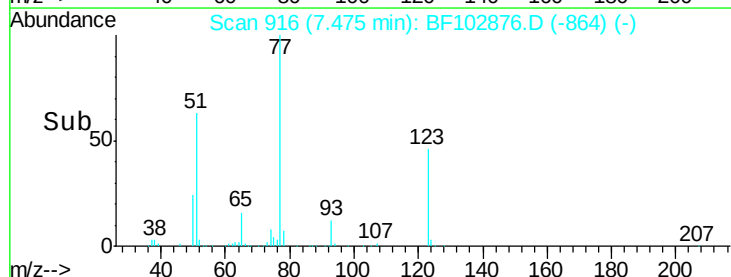
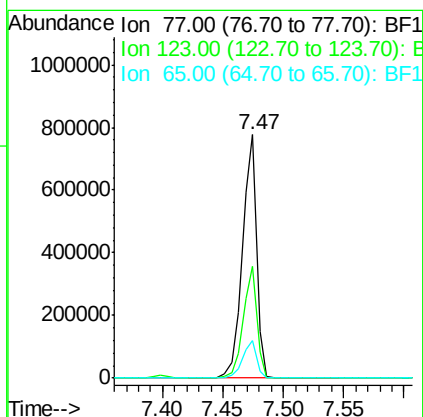
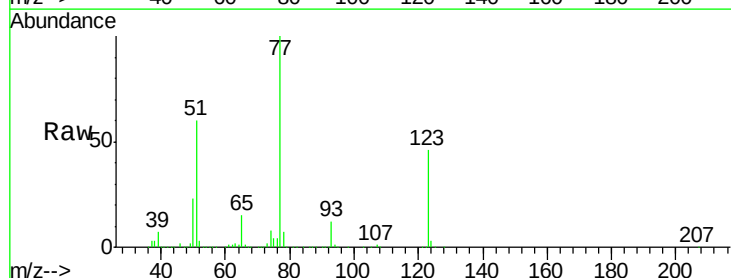
Instrument :
 BNA_F
 ClientSampled :

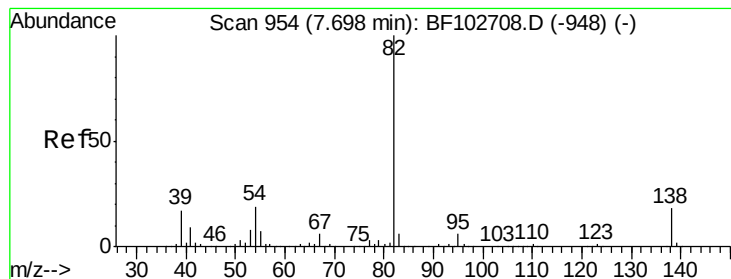
Tot Ion: 82 Resp: 1150695
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 60.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 44.646 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion: 77 Resp: 636500
 Ion Ratio Lower Upper
 77 100
 123 46.2 37.9 56.9
 65 15.2 11.0 16.4





#25

Isophorone

Concen: 39.016 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

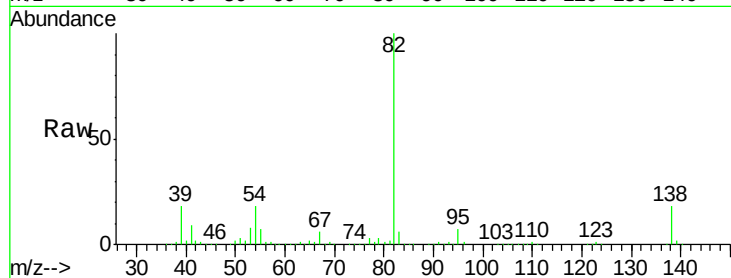
Tot Ion: 82 Resp: 1088849

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

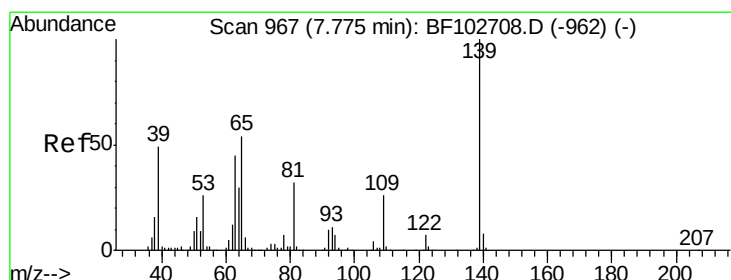
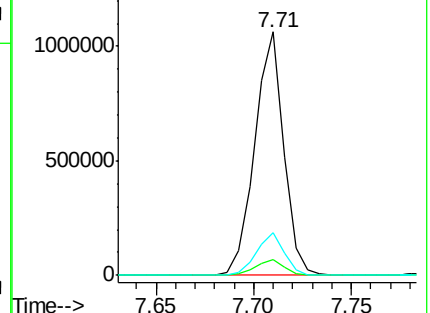
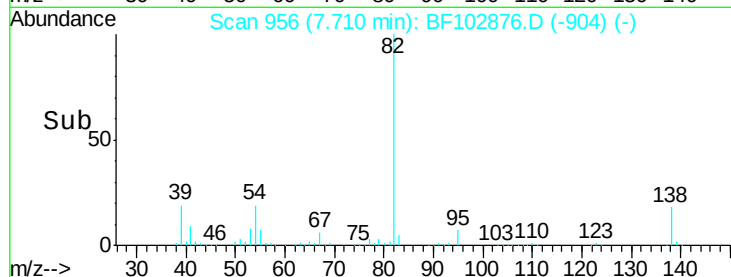
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.002 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

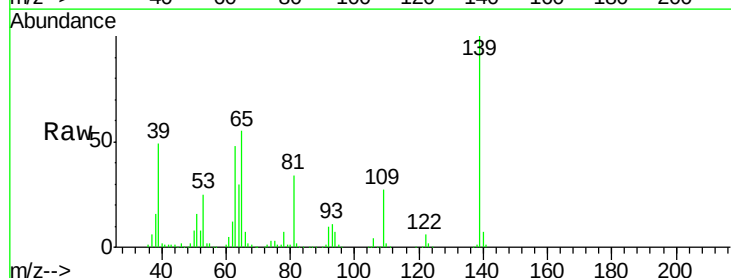
Tgt Ion: 139 Resp: 302589

Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

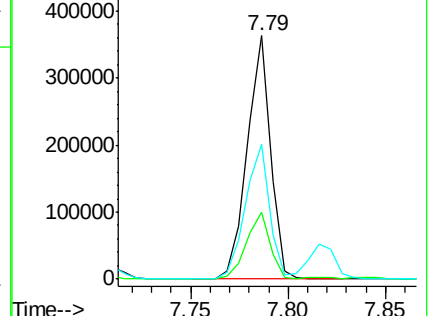
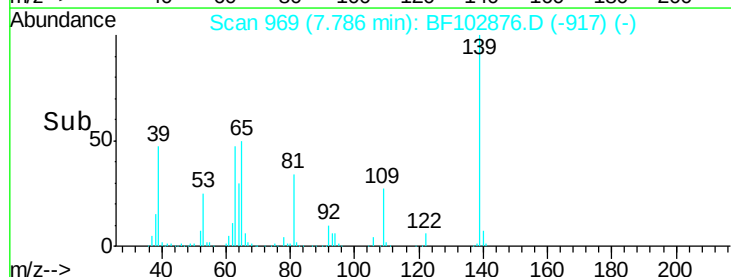
65 55.2 40.5 60.7

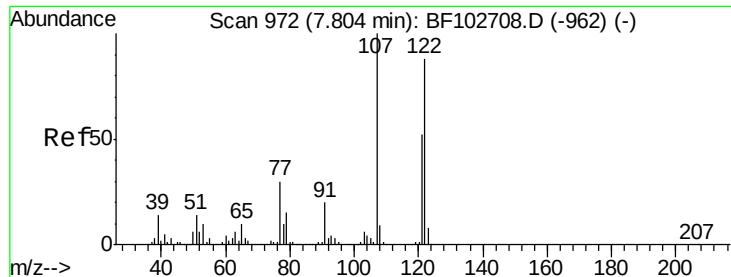


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.799 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

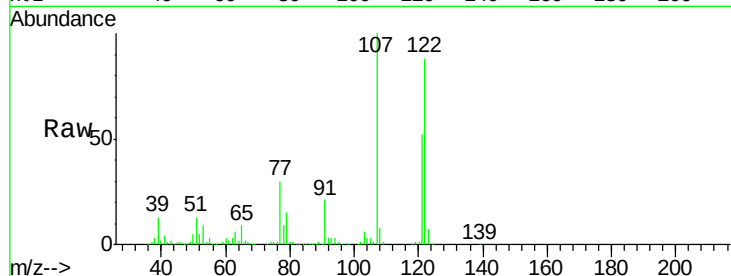
Tot Ion:122 Resp: 457460

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

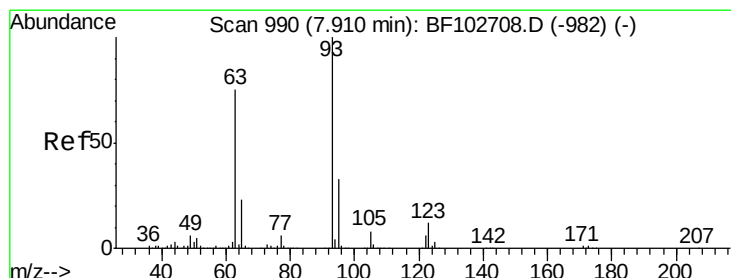
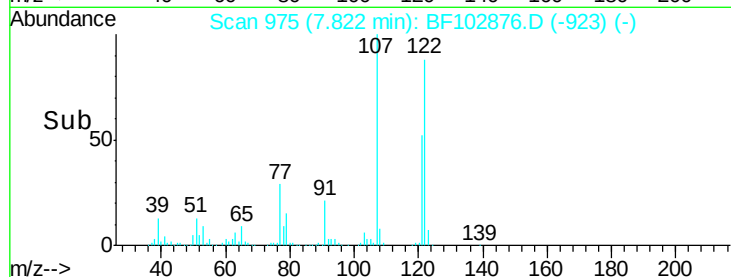
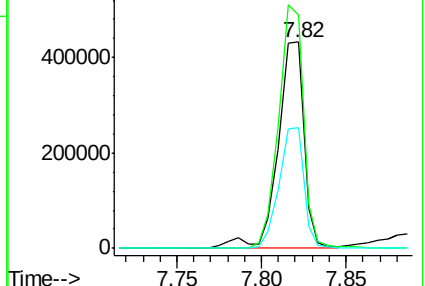
121 58.4 47.2 70.8



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: 38.632 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

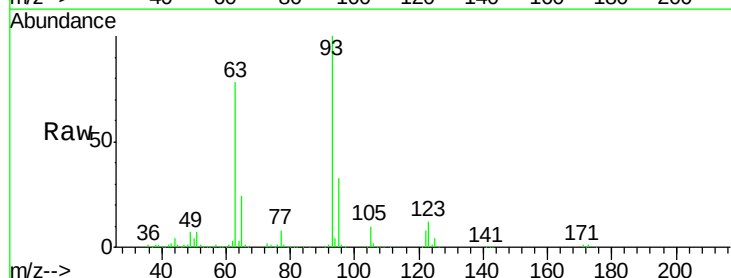
Tgt Ion: 93 Resp: 638671

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

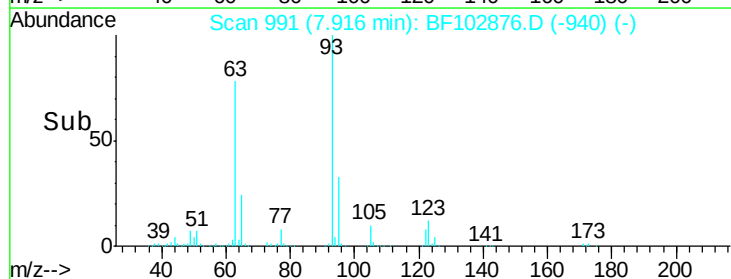
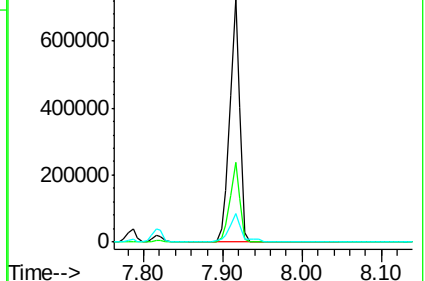
123 11.6 9.8 14.6

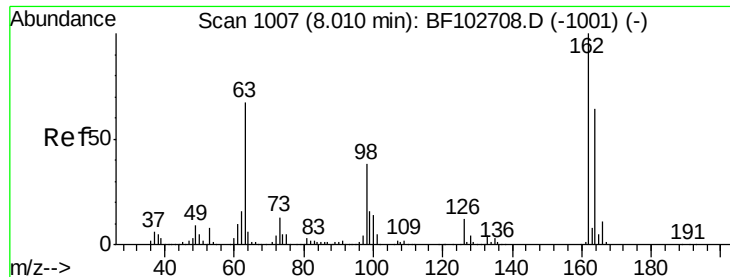


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

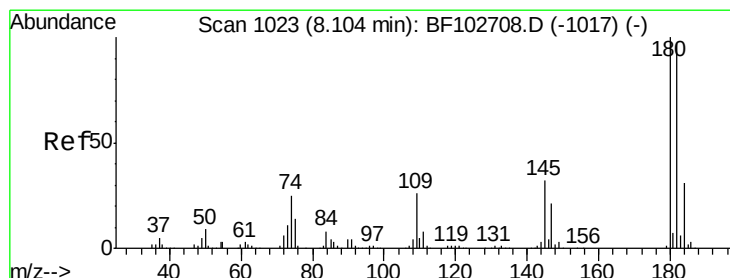
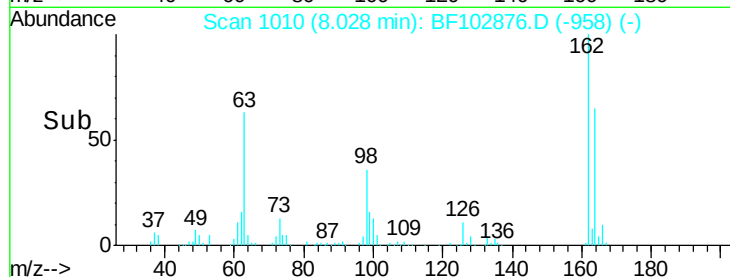
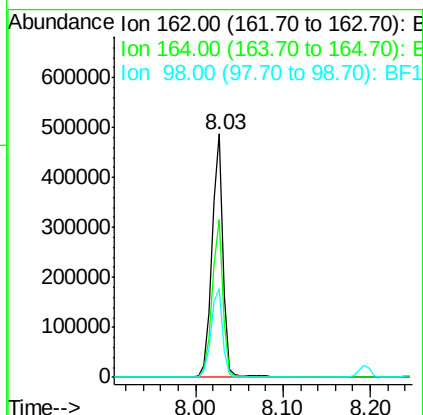
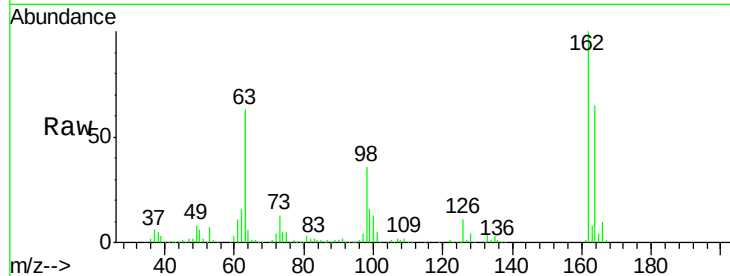




#29
2,4-Dichlorophenol
Concen: 39.851 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

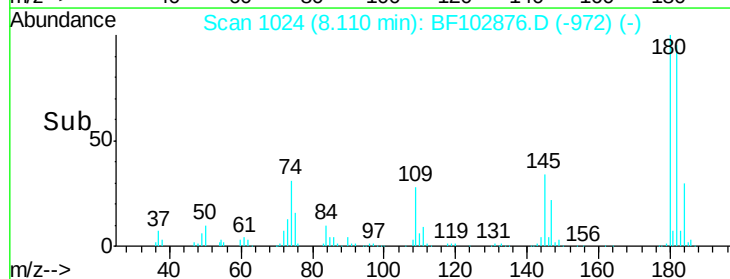
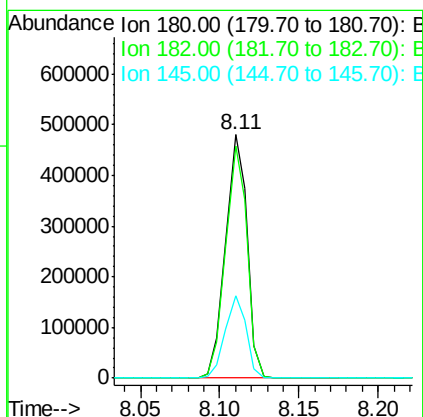
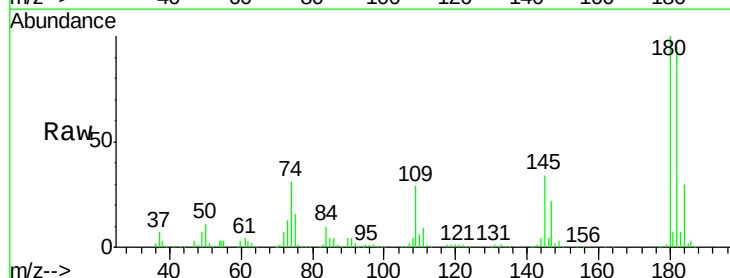
Instrument :
BNA_F
ClientSampleId :

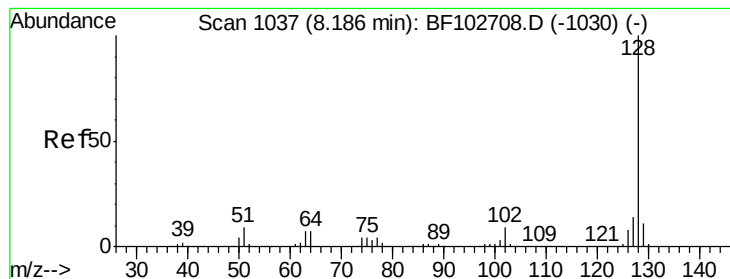
Tot Ion:162 Resp: 427133
Ion Ratio Lower Upper
162 100
164 64.6 42.7 82.7
98 36.4 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.366 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:180 Resp: 453076
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 33.9 26.5 39.7





#31

Naphthalene

Concen: 36.995 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampled :

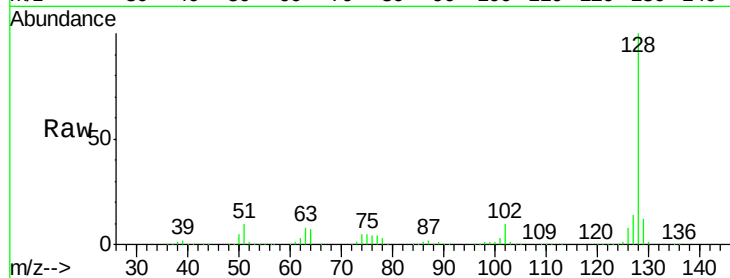
Tot Ion:128 Resp: 1519688

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

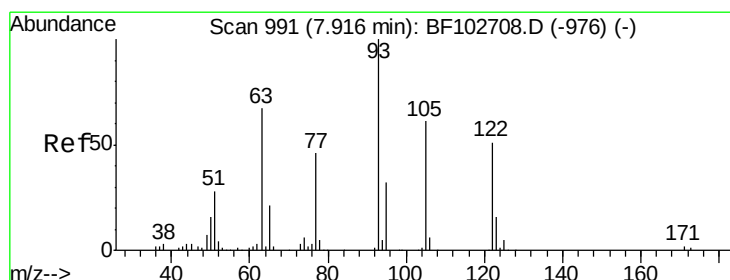
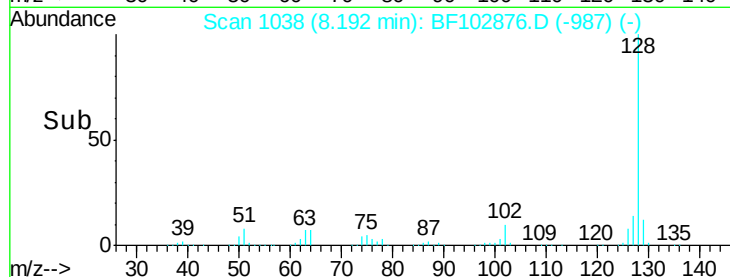
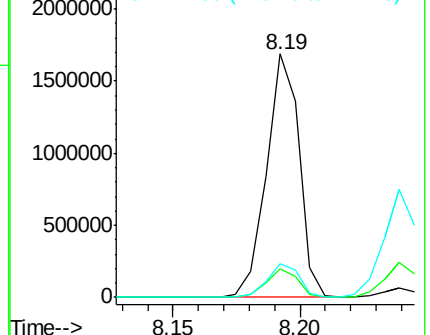
127 13.8 10.9 16.3



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: 38.837 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

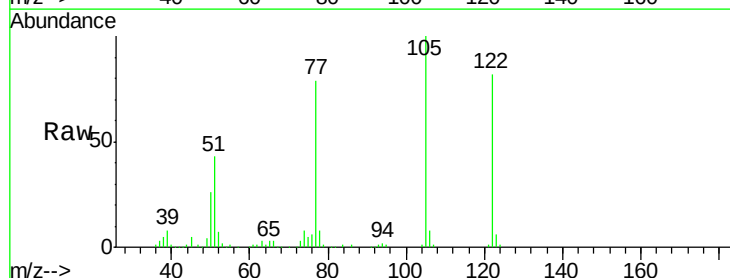
Tgt Ion:122 Resp: 296094

Ion Ratio Lower Upper

122 100

105 122.0 101.1 141.1

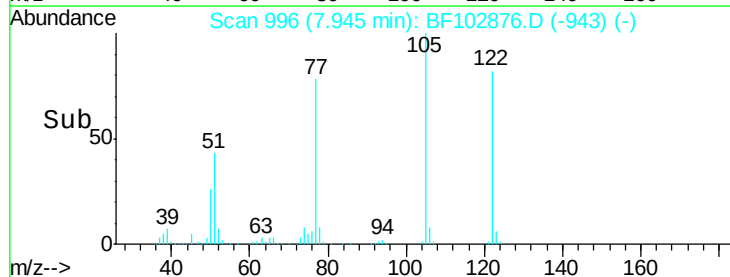
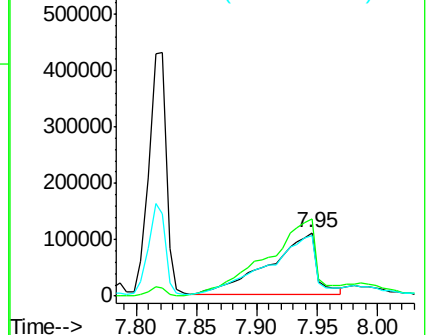
77 95.8 70.7 110.7

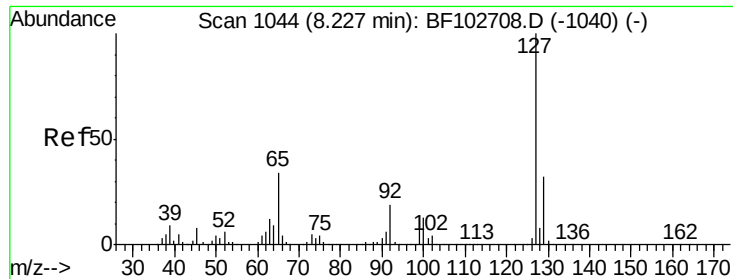


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

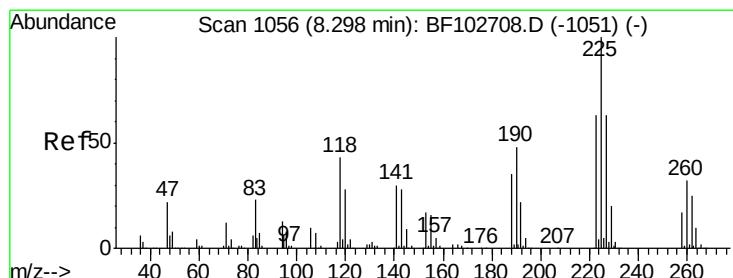
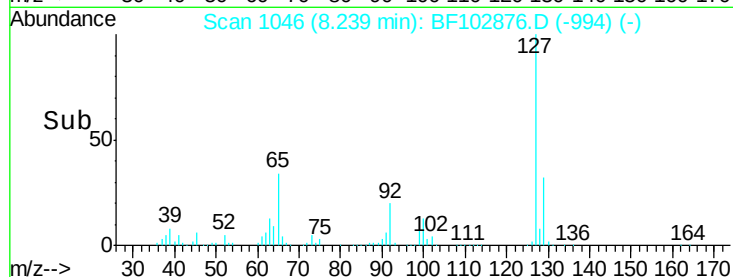
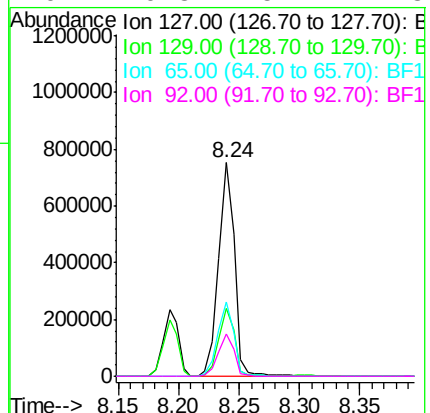
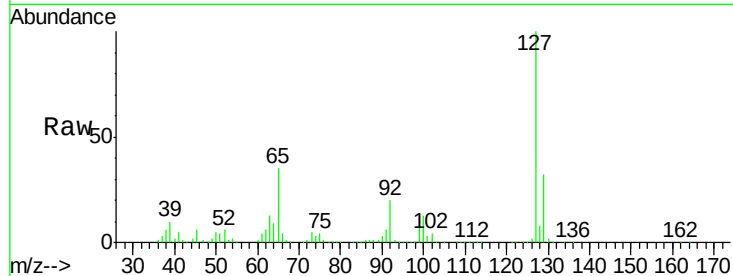




#33
4-Chloroaniline
Concen: 38.380 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

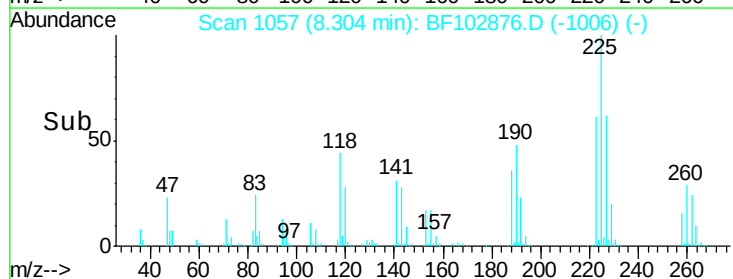
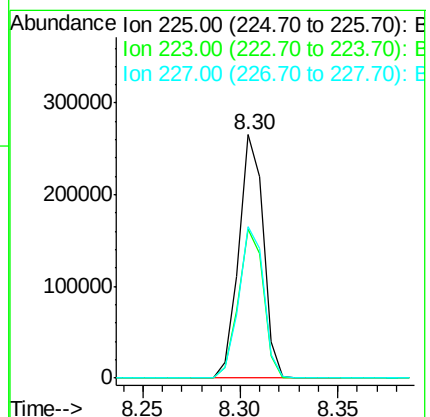
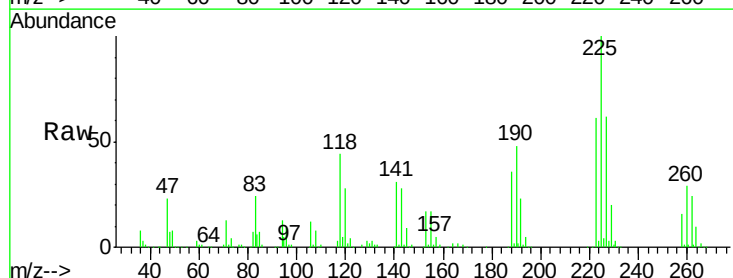
Instrument :
BNA_F
ClientSampled :

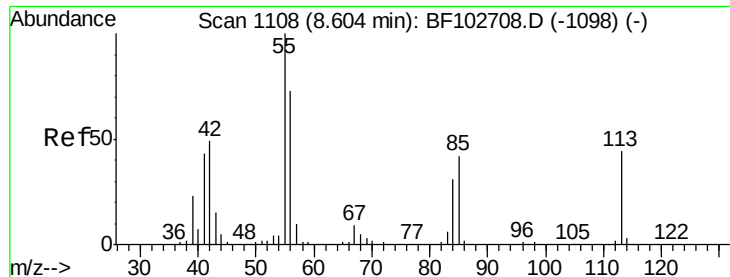
Tot Ion:	127	Resp:	679171
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	34.9	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.434 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:	225	Resp:	232591
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	62.2	51.9	77.9

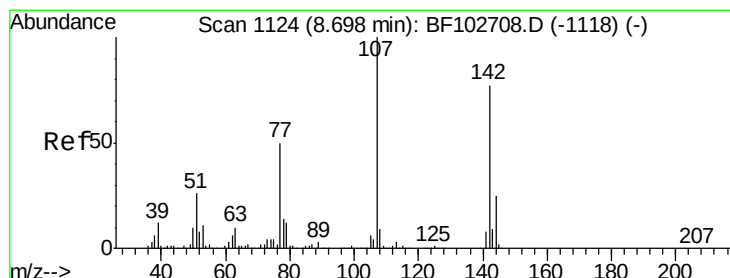
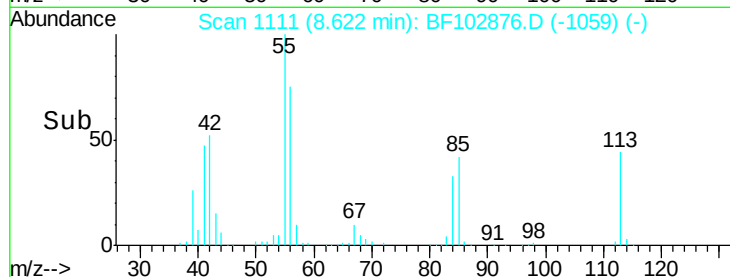
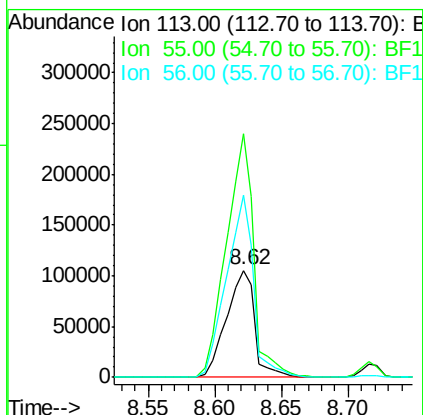
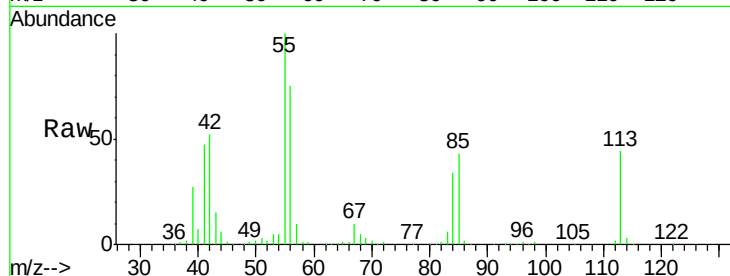




#35
Caprolactam
Concen: 42.405 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

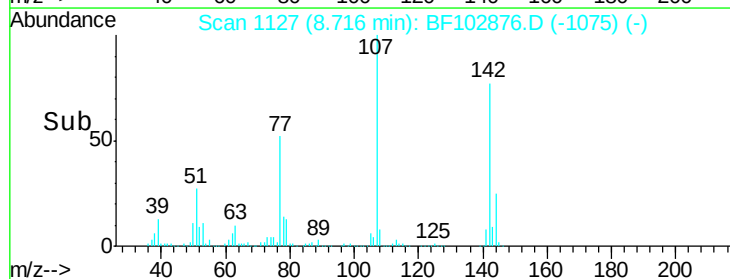
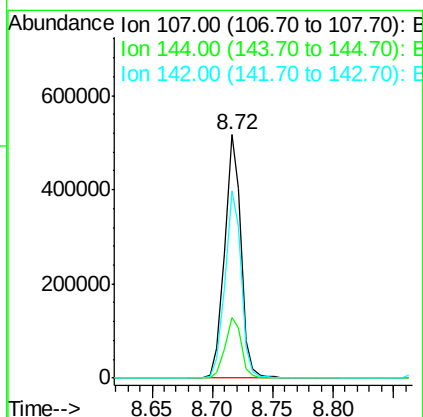
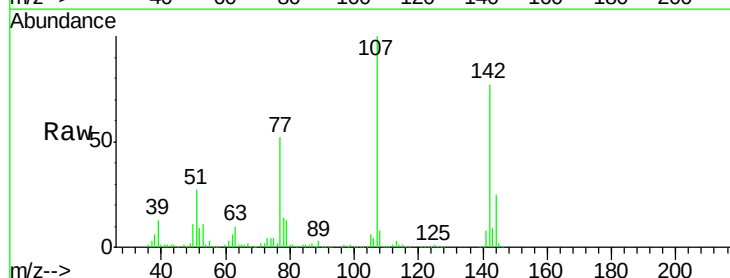
Instrument :
BNA_F
ClientSampled :

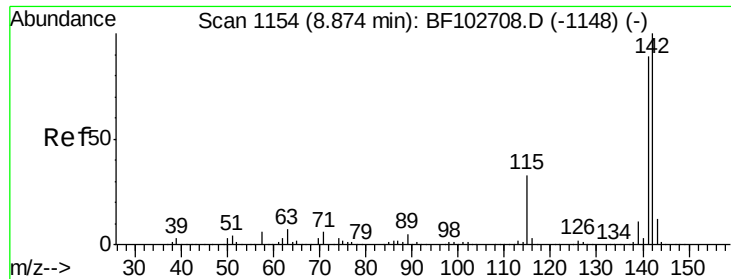
Tot Ion:113 Resp: 157844
Ion Ratio Lower Upper
113 100
55 227.9 163.3 203.3#
56 170.8 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 40.102 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:107 Resp: 482946
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 76.7 62.0 93.0

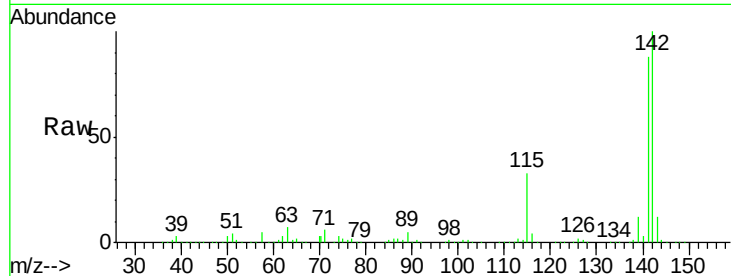




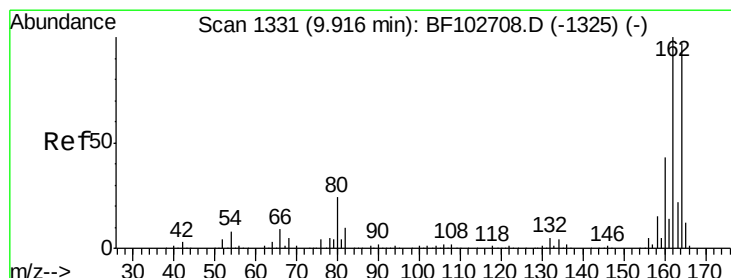
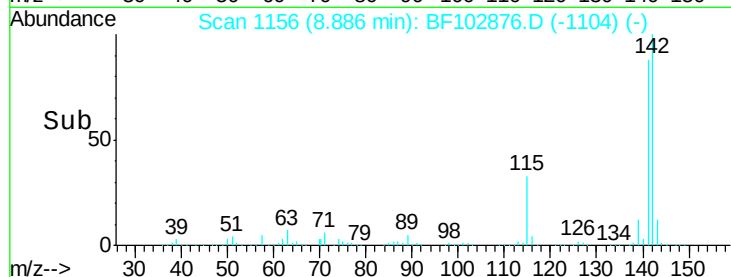
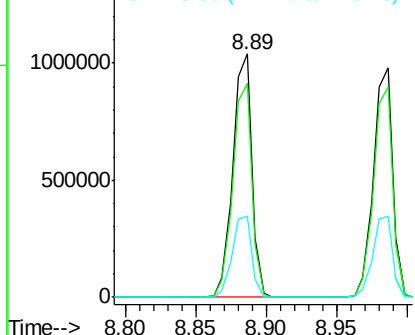
#37
2-Methylnaphthalene
Concen: 36.233 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 974441
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 33.4 26.1 39.1

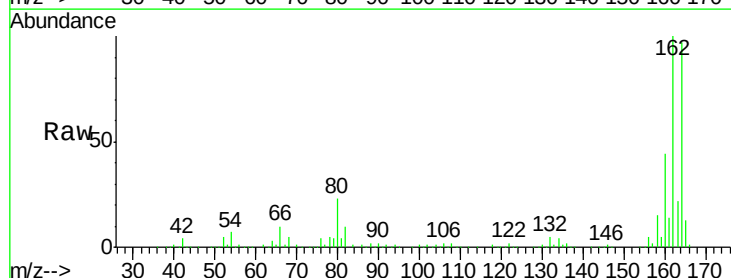


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

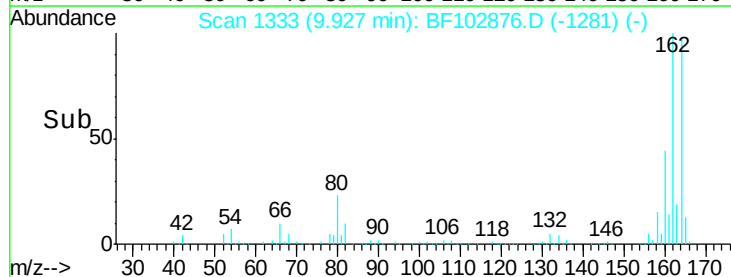
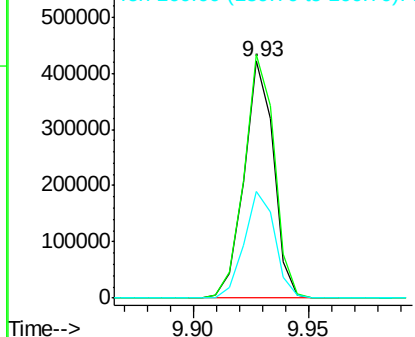


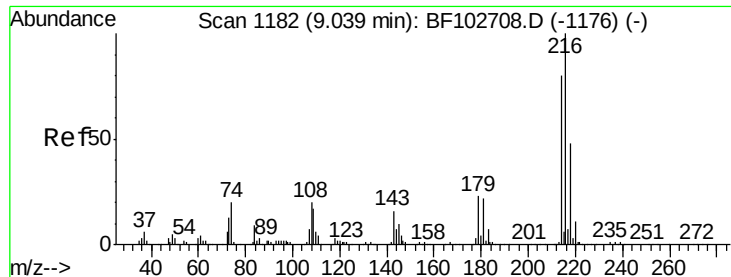
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:164 Resp: 376871
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 45.0 38.3 57.5



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

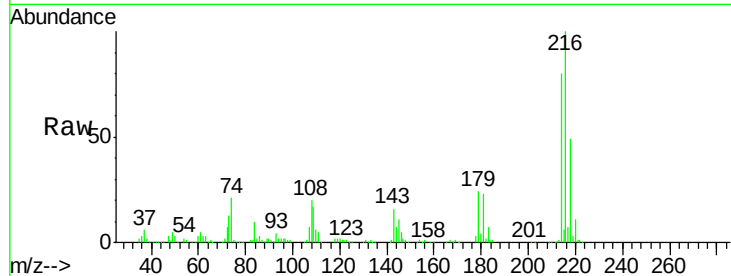




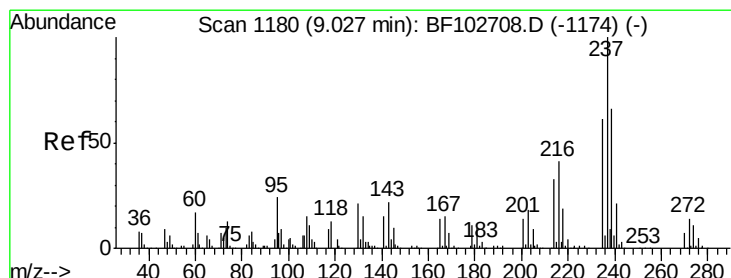
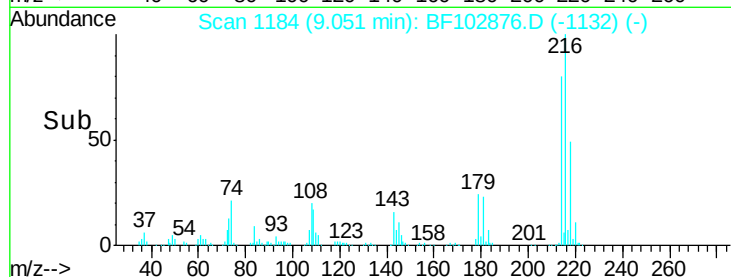
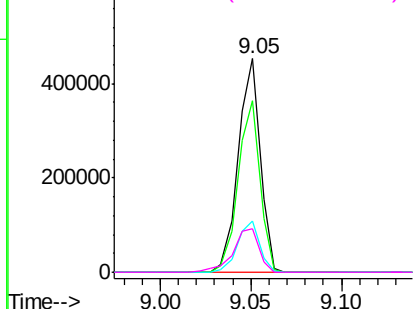
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.407 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	383852
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.0 94.4
179	23.7	18.1 27.1
108	24.2	17.2 25.8

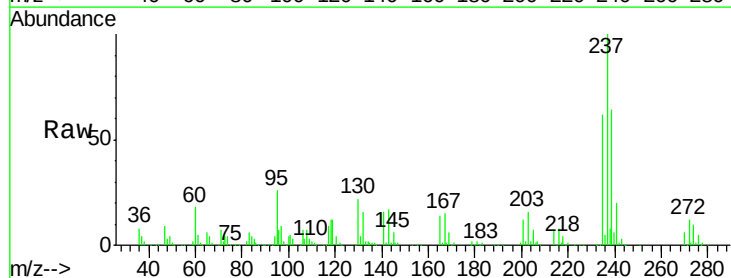


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

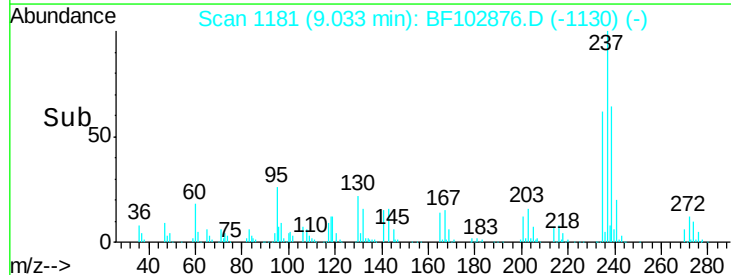
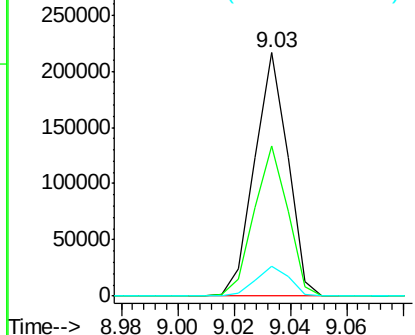


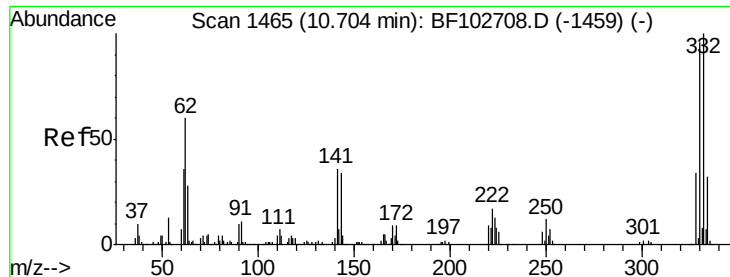
#40
 Hexachlorocyclopentadiene
 Concen: 36.265 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:237	Resp:	176904
Ion Ratio	Lower	Upper
237	100	
235	61.9	44.8 84.8
272	12.4	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

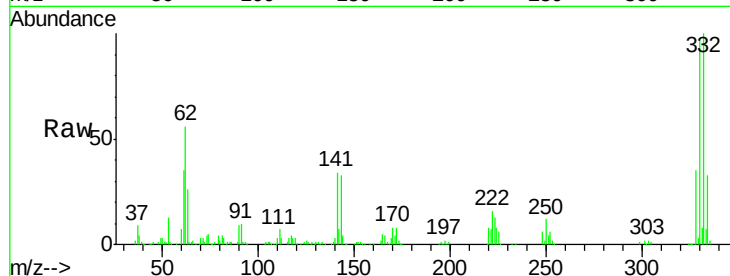




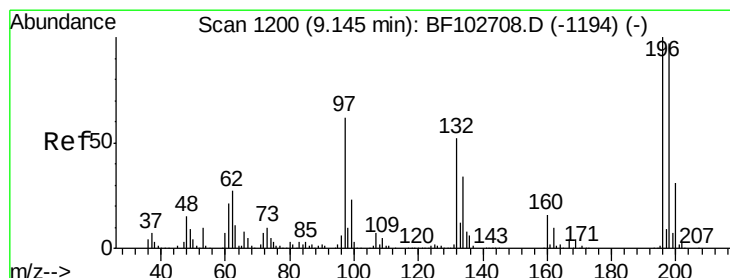
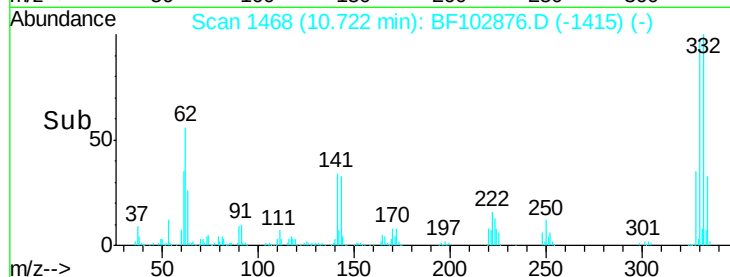
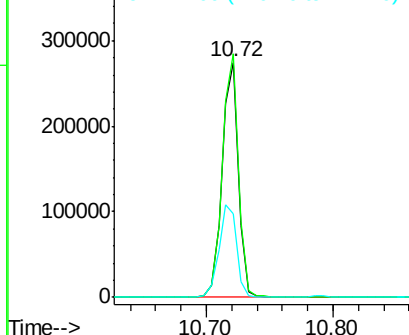
#41
 2,4,6-Tribromophenol
 Concen: 81.494 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.4	77.0	115.6
141	42.7	29.9	44.9

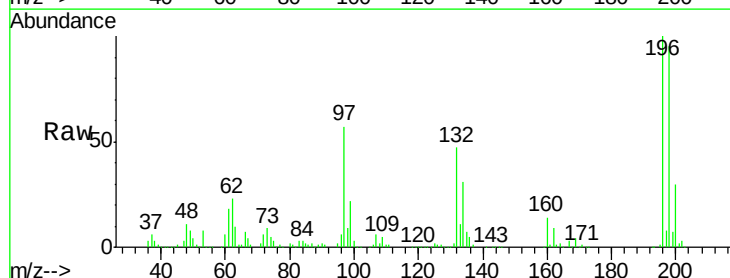


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

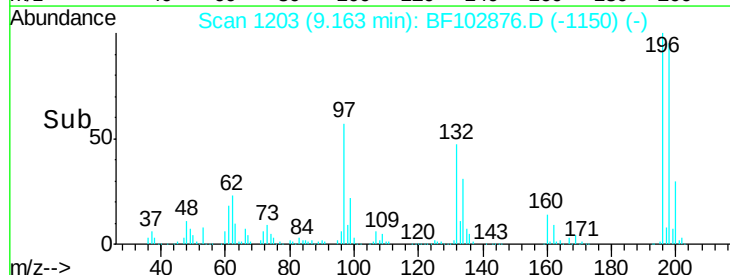
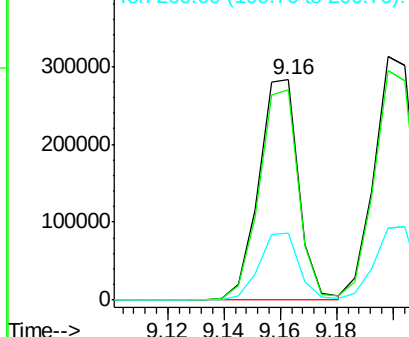


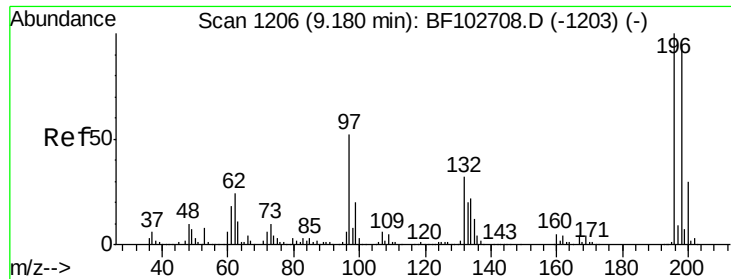
#42
 2,4,6-Trichlorophenol
 Concen: 41.170 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.3	24.5	36.7



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

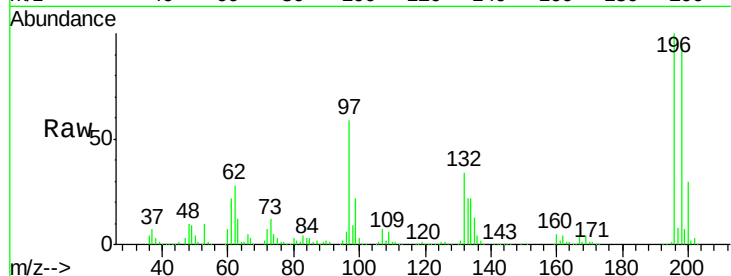




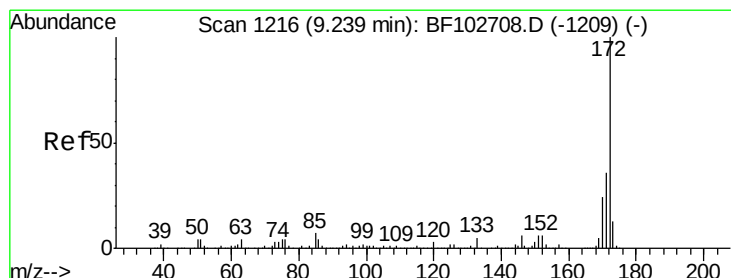
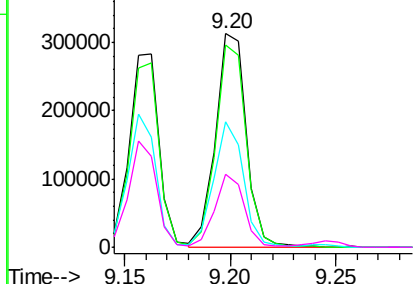
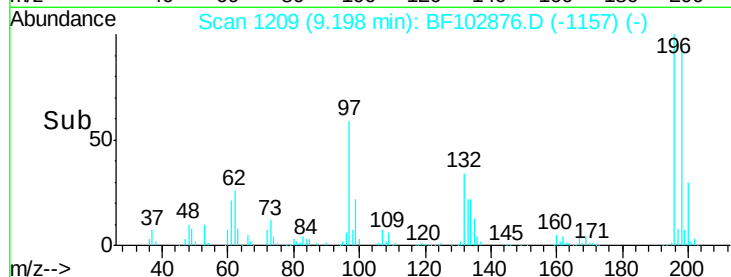
#43
 2,4,5-Trichlorophenol
 Concen: 41.284 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 313620
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 59.0 42.9 64.3
 132 34.4 26.3 39.5

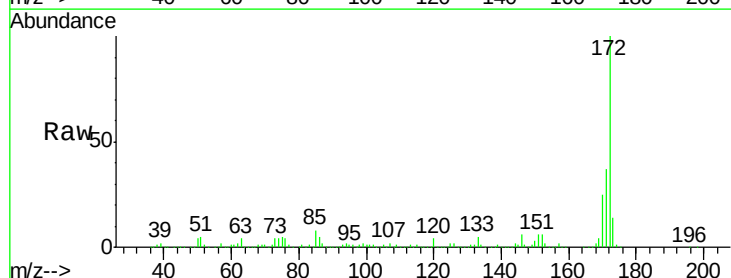


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

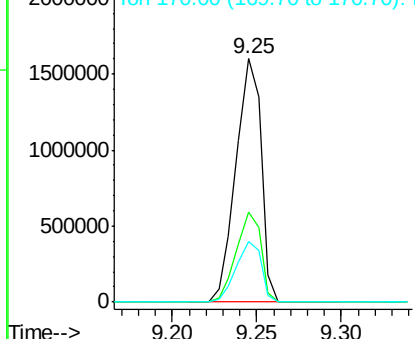
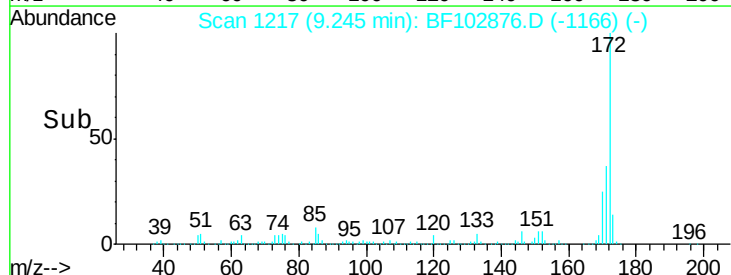


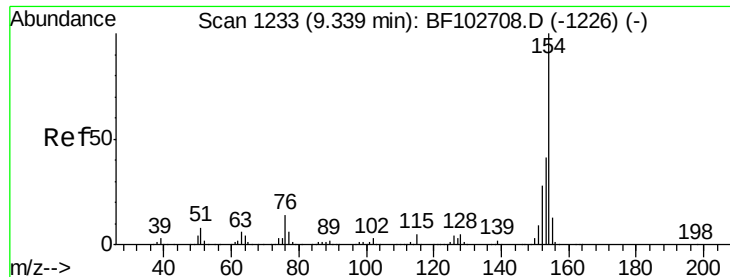
#44
 2-Fluorobiphenyl
 Concen: 73.541 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:172 Resp: 1670257
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.6 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

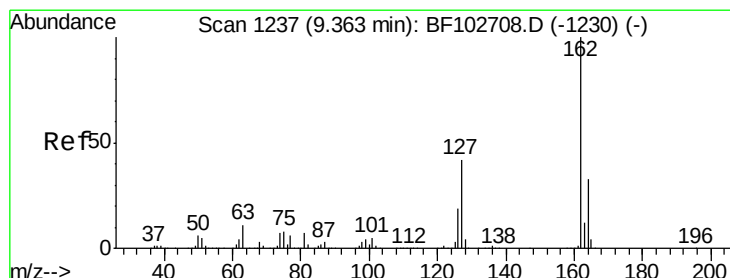
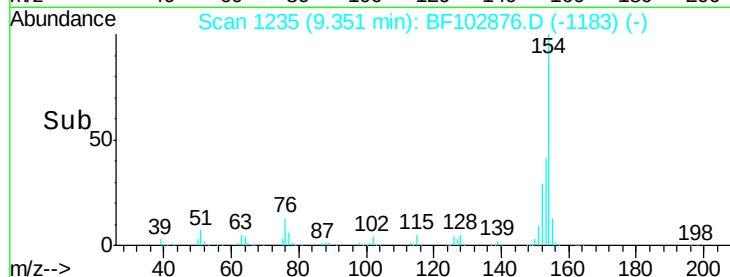
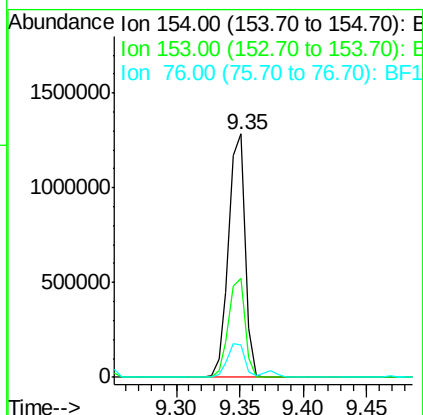
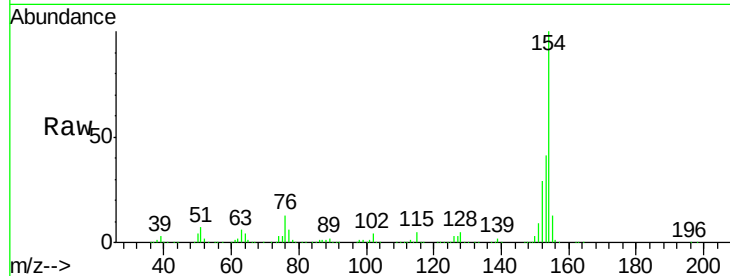




#45
 1,1'-Biphenyl
 Concen: 36.631 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

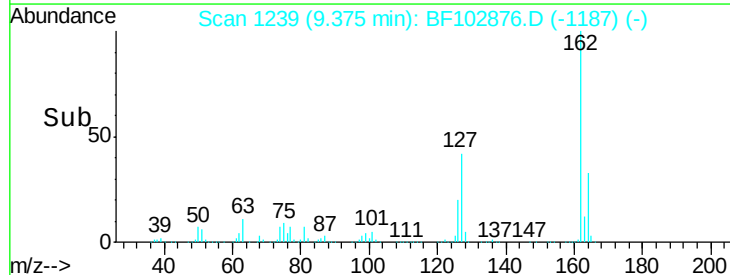
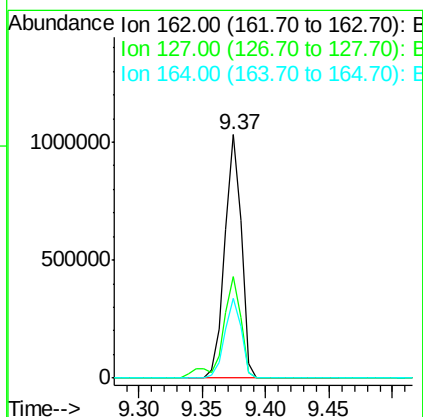
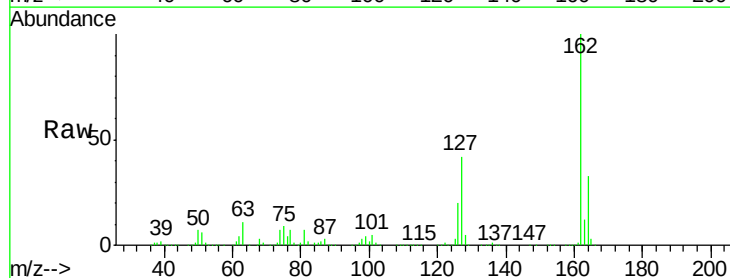
Instrument :
 BNA_F
 ClientSampleId :

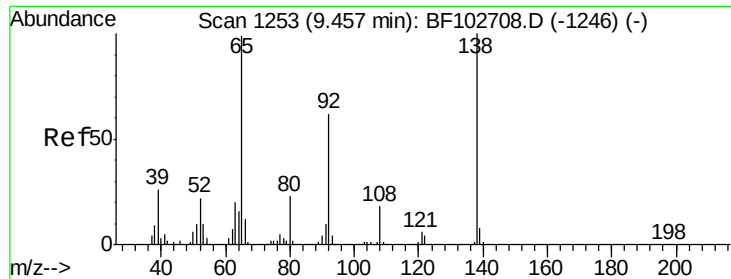
Tot Ion:154 Resp: 1162764
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.3 61.3
 76 13.2 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 37.438 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:162 Resp: 935585
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 32.6 26.5 39.7

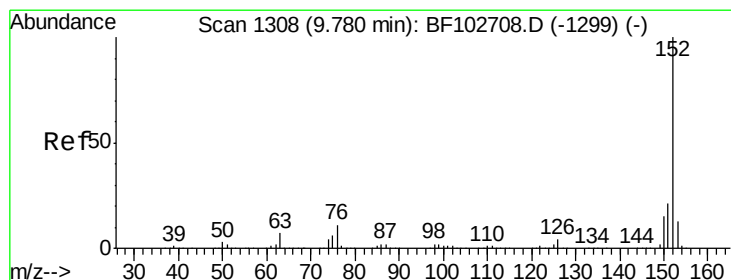
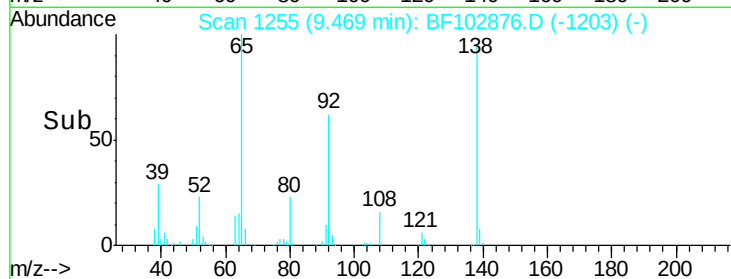
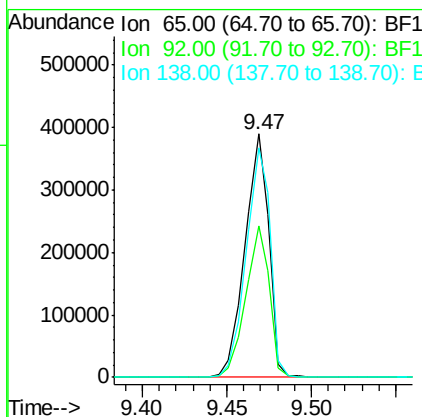
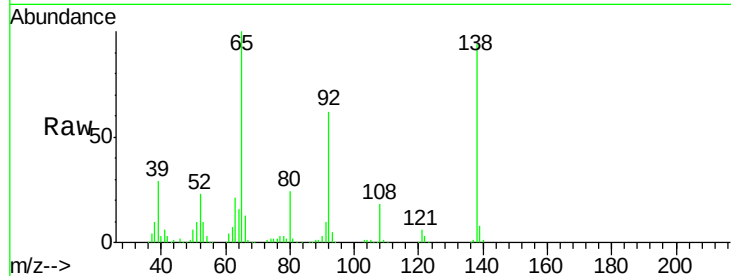




#47
2-Nitroaniline
Concen: 49.952 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

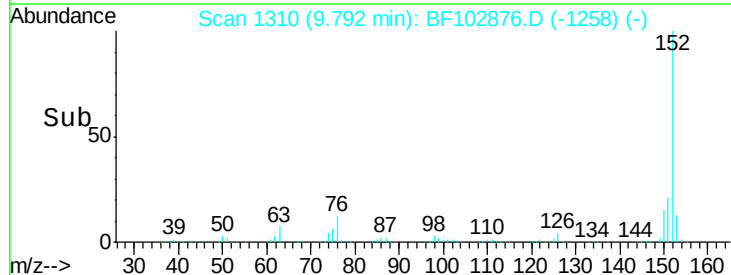
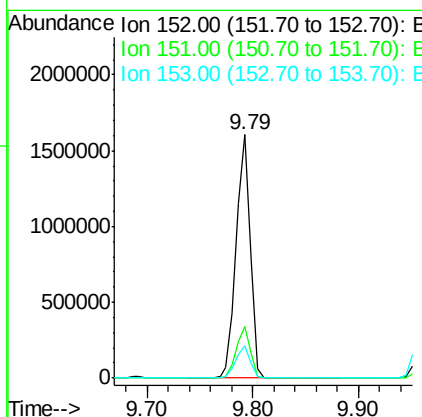
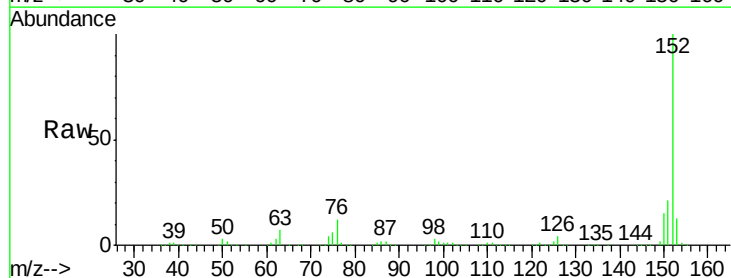
Instrument :
BNA_F
ClientSampleId :

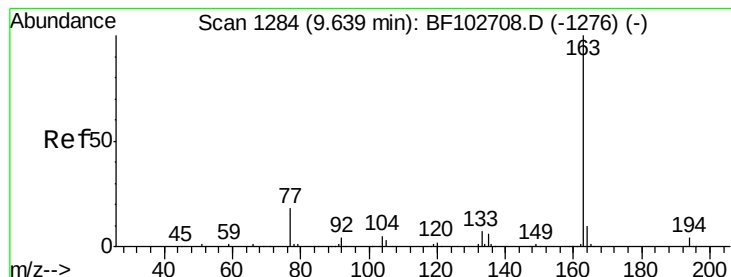
Tot Ion: 65 Resp: 386374
Ion Ratio Lower Upper
65 100
92 62.0 55.8 83.6
138 94.4 91.2 136.8



#48
Acenaphthylene
Concen: 37.487 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion: 152 Resp: 1455030
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 38.234 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampled :

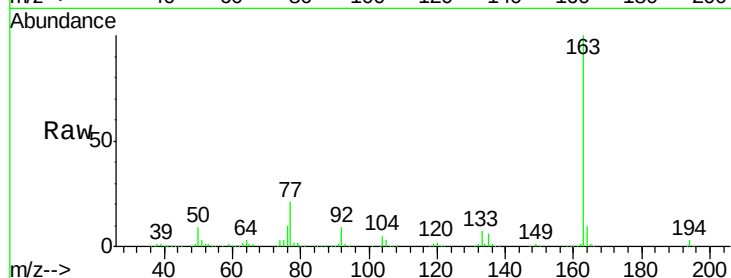
Tot Ion:163 Resp: 1123526

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

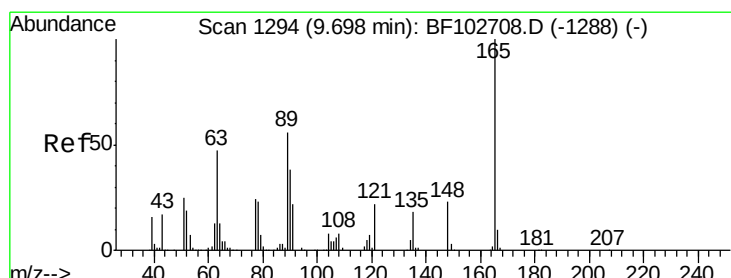
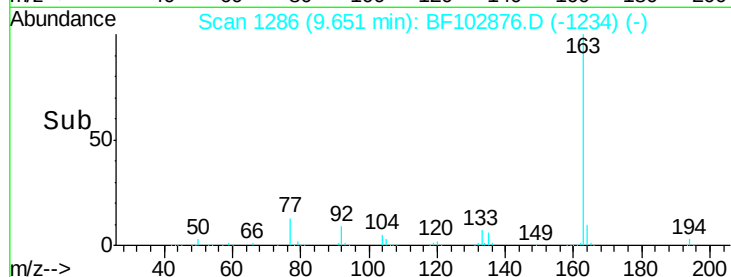
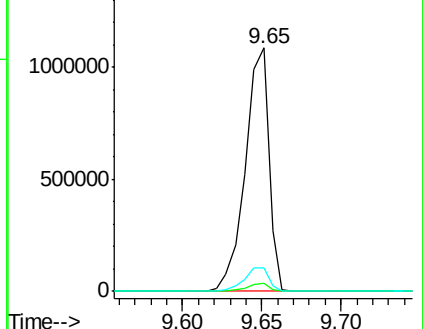
164 9.8 8.2 12.2



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: 44.201 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

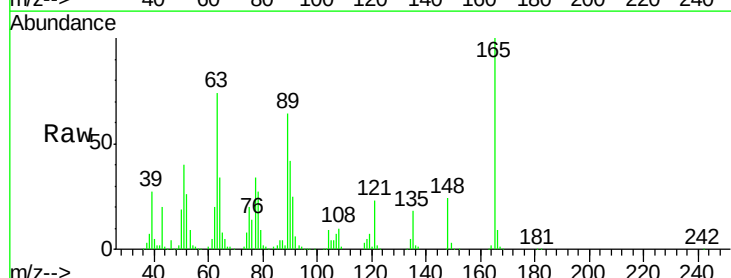
Tgt Ion:165 Resp: 247112

Ion Ratio Lower Upper

165 100

63 74.3 44.7 67.1#

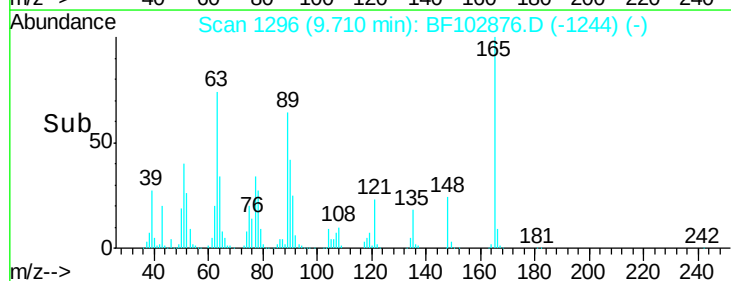
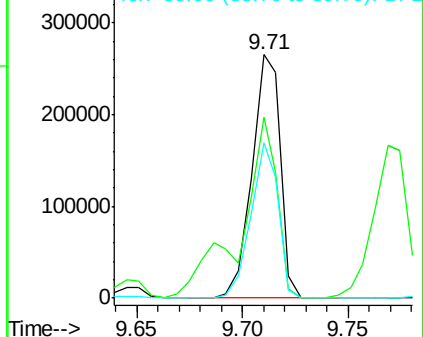
89 63.9 44.0 66.0

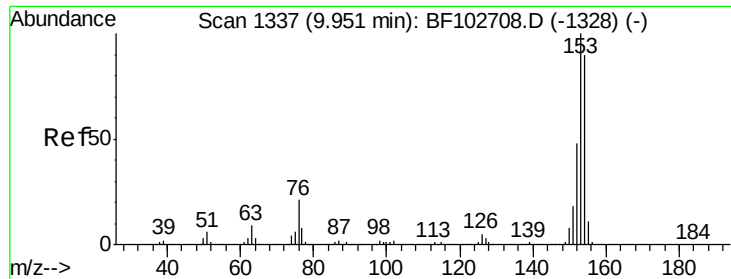


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.043 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

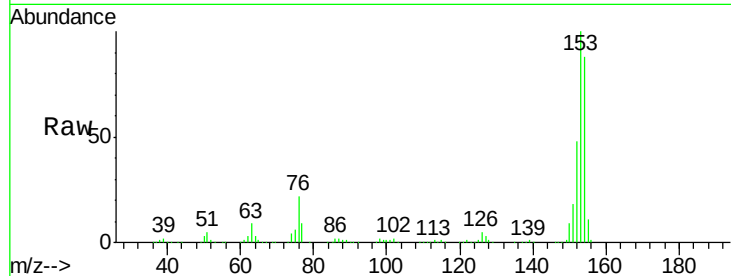
Tot Ion:154 Resp: 883057

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

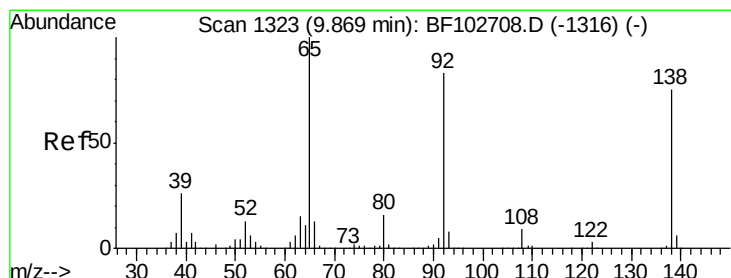
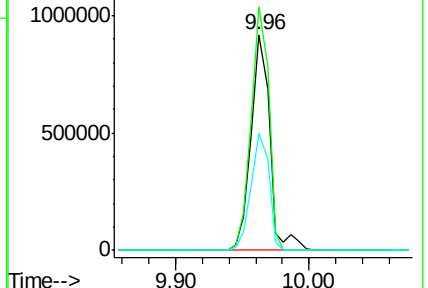
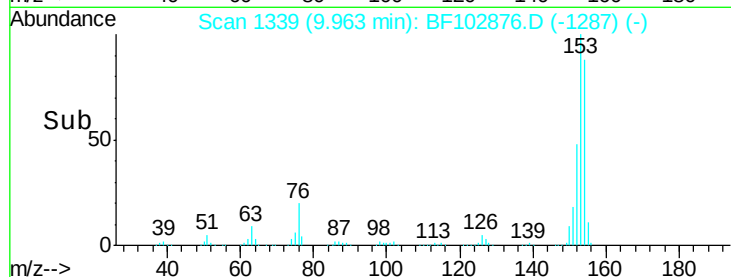
152 54.3 43.8 65.8



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: 46.078 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

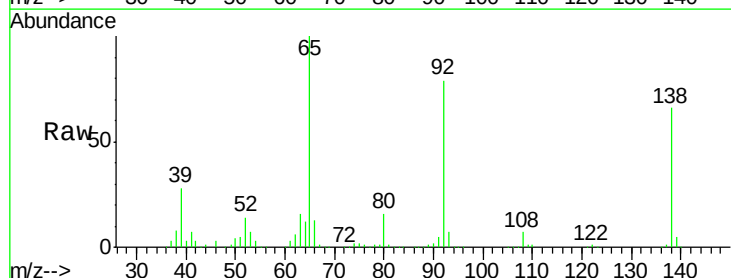
Tgt Ion:138 Resp: 316972

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

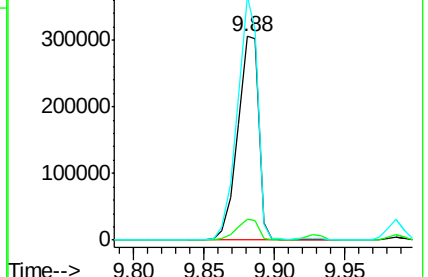
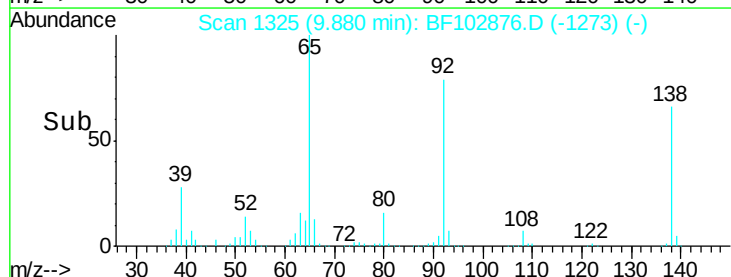
92 119.4 89.4 134.2

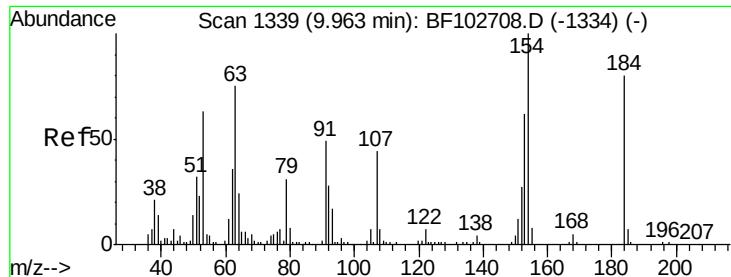


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

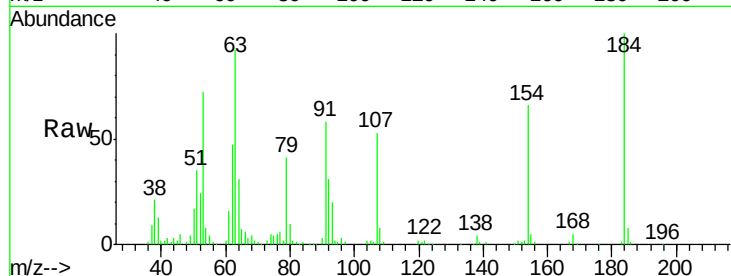




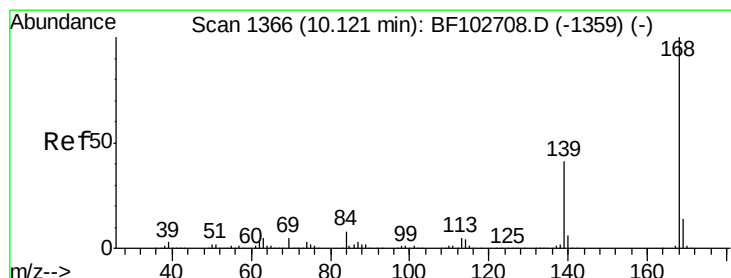
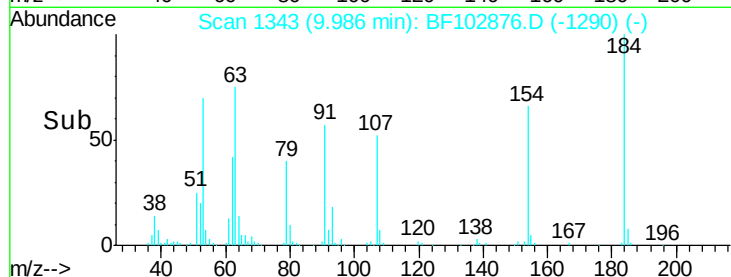
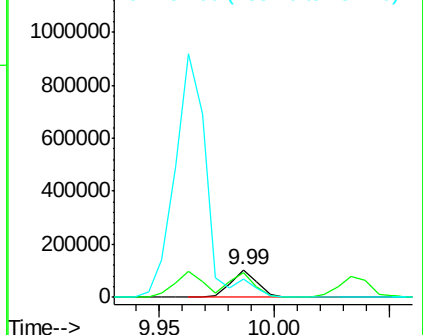
#53
2,4-Dinitrophenol
Concen: 56.731 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 84011
Ion Ratio Lower Upper
184 100
63 91.9 54.2 81.2#
154 66.4 184.0 276.0#

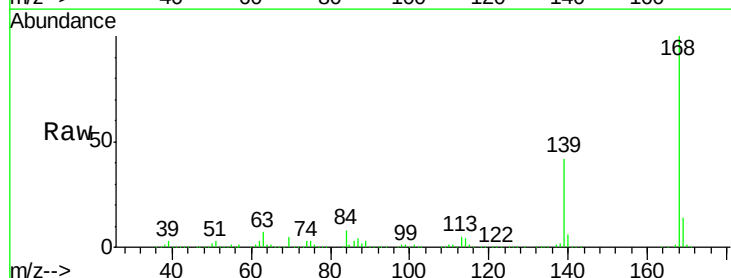


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

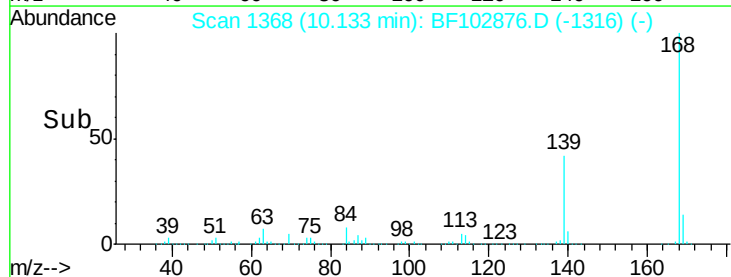
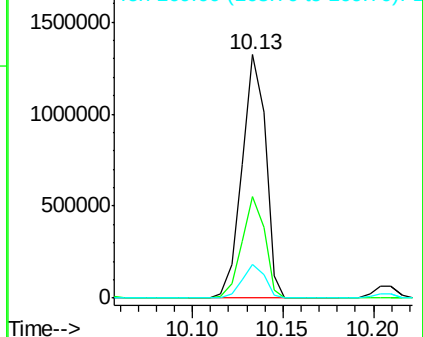


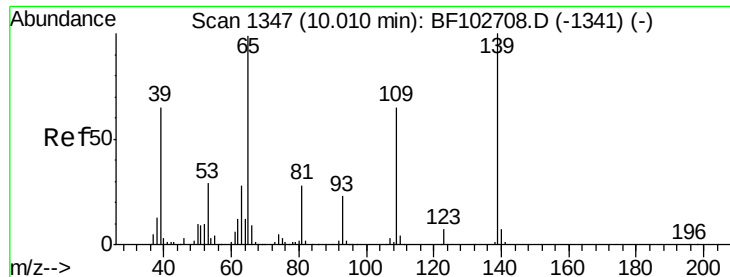
#54
Dibenzofuran
Concen: 36.617 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:168 Resp: 1197800
Ion Ratio Lower Upper
168 100
139 41.6 30.1 45.1
169 13.9 10.9 16.3



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

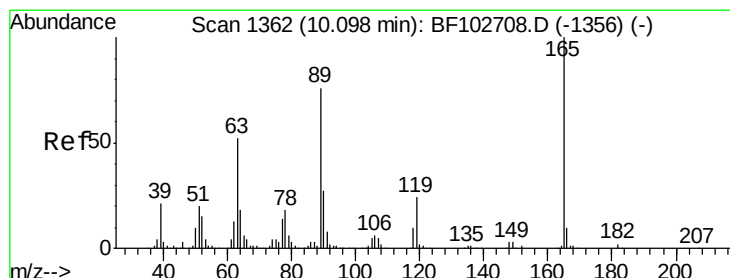
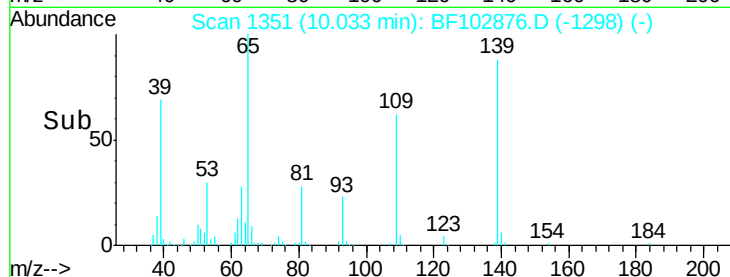
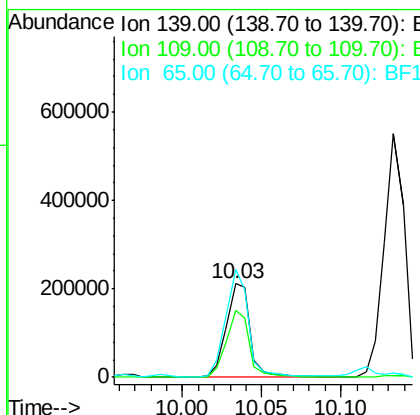
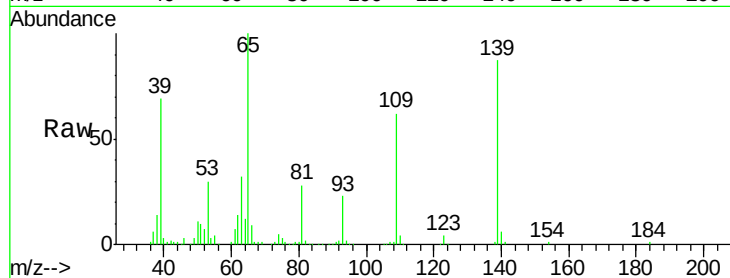




#55
4-Nitrophenol
Concen: 41.435 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

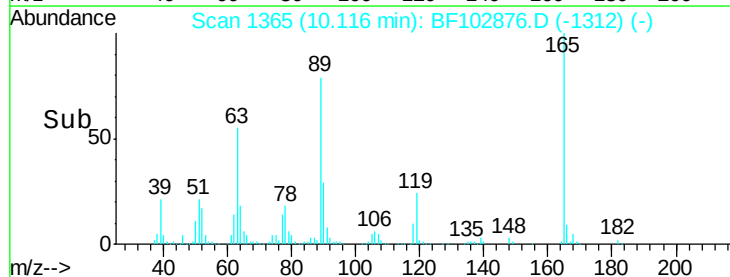
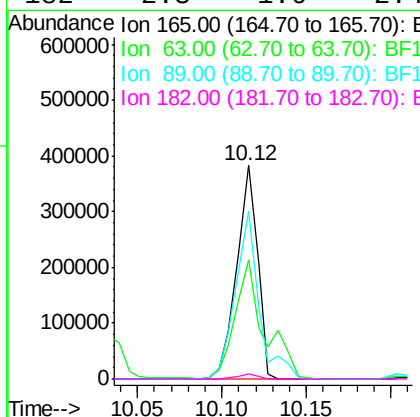
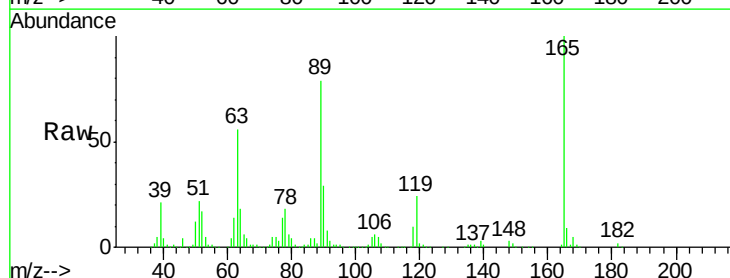
Instrument :
BNA_F
ClientSampleId :

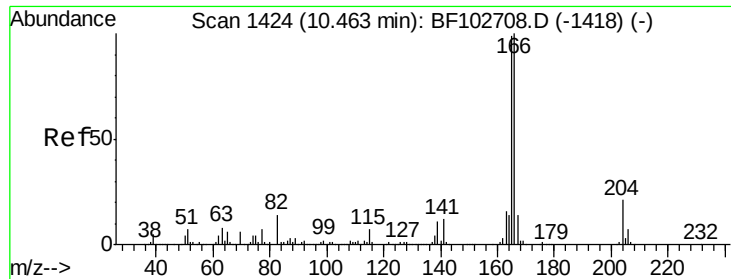
Tot Ion:139 Resp: 222686
Ion Ratio Lower Upper
139 100
109 71.1 48.4 88.4
65 114.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 44.084 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:165 Resp: 328526
Ion Ratio Lower Upper
165 100
63 55.7 36.4 54.6#
89 78.7 57.8 86.6
182 2.3 1.6 2.4

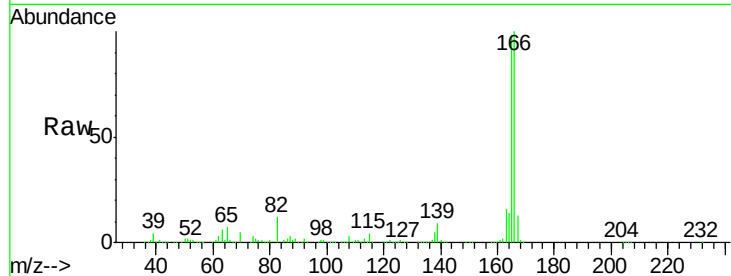




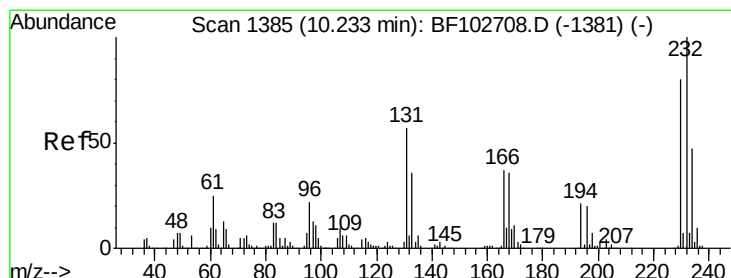
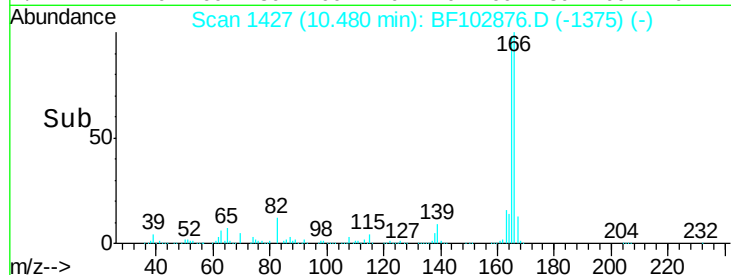
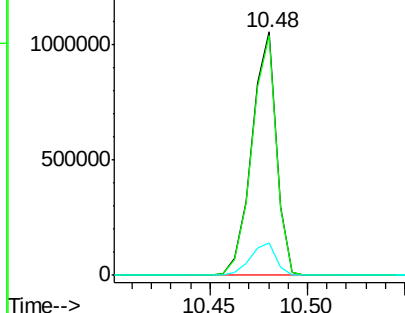
#57
 Fluorene
 Concen: 38.476 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 915746
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.3 10.6 16.0

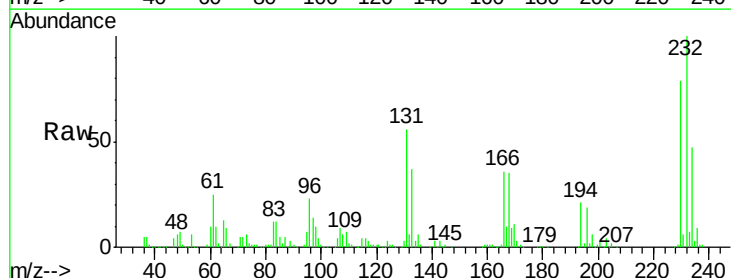


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

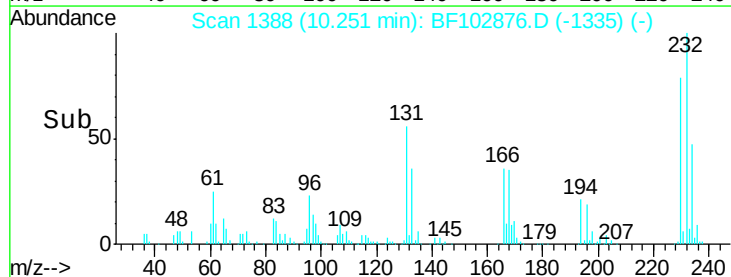
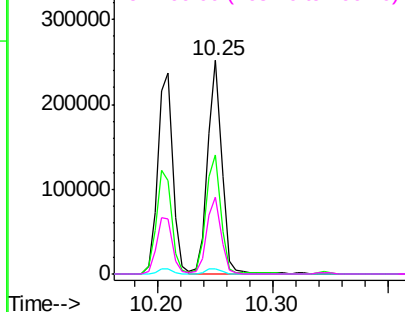


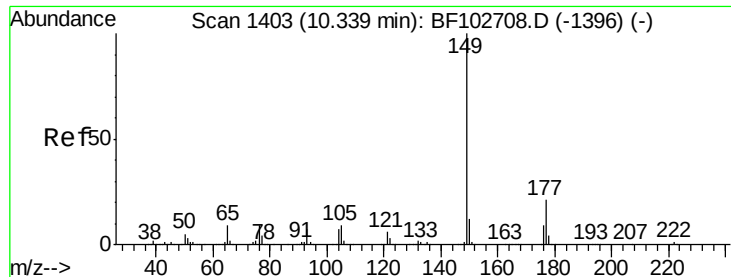
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.755 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:232 Resp: 214584
 Ion Ratio Lower Upper
 232 100
 131 59.9 43.8 65.8
 130 2.7 2.1 3.1
 166 36.1 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

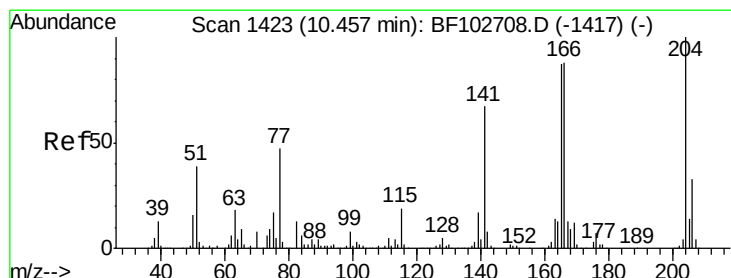
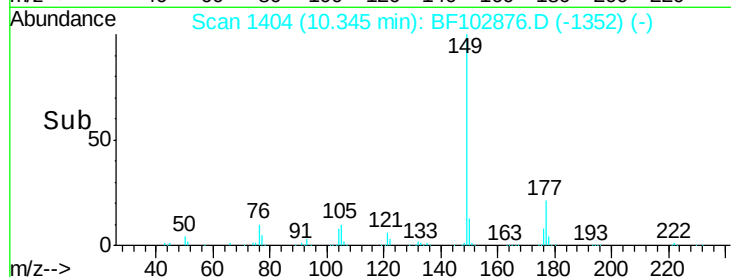
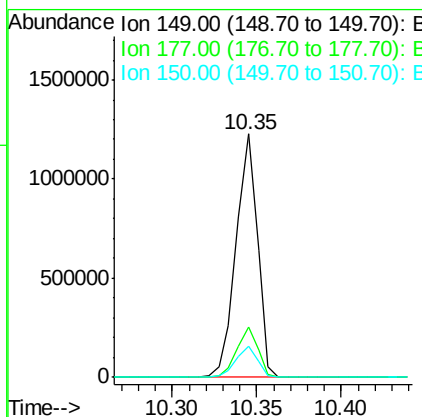
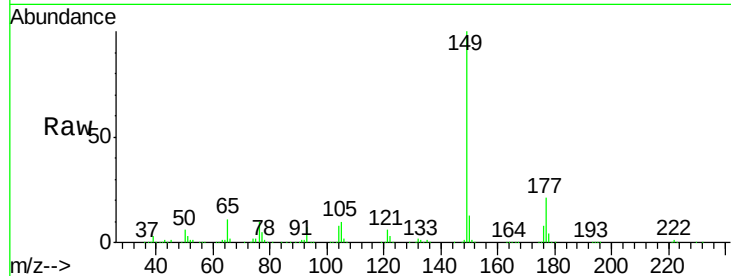




#59
Diethylphthalate
Concen: 37.260 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

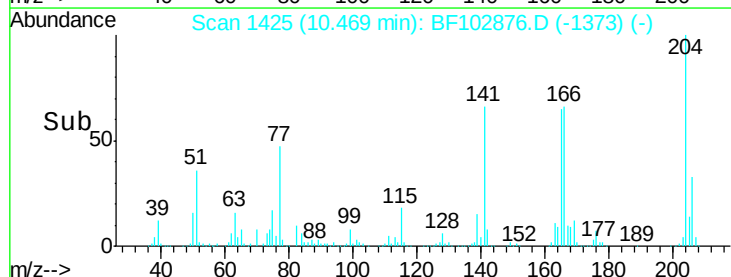
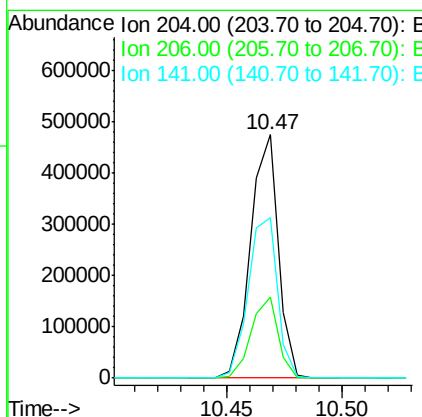
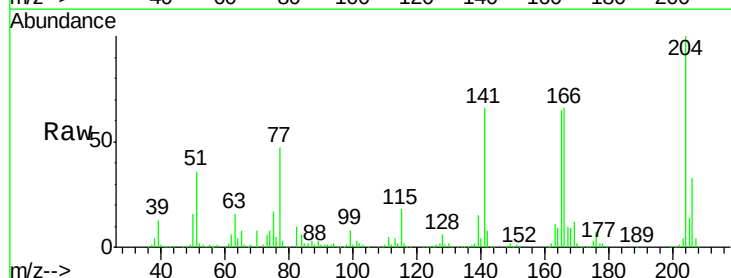
Instrument :
BNA_F
ClientSampled :

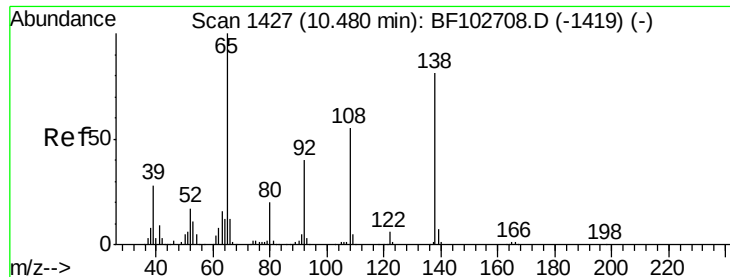
Tot Ion:149 Resp: 1081107
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.958 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:204 Resp: 399643
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.9 54.6 81.8

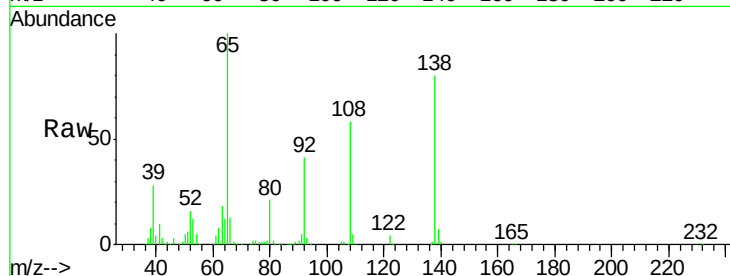




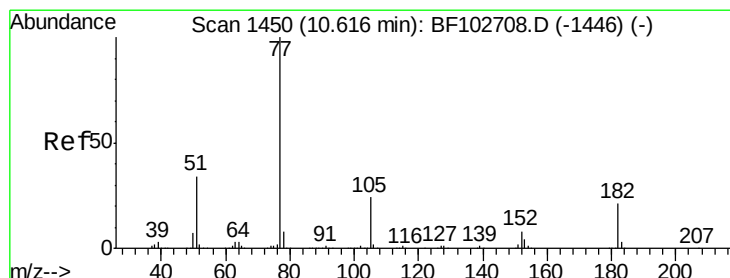
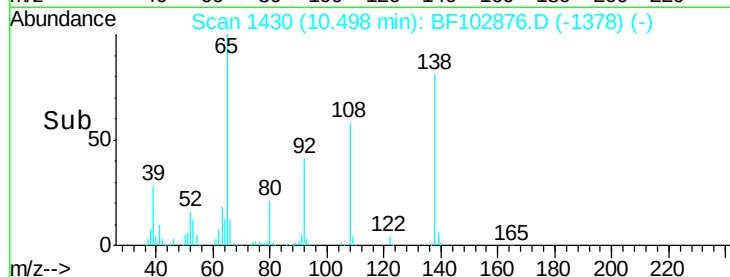
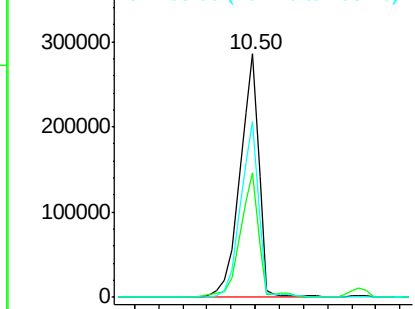
#61
4-Nitroaniline
Concen: 47.898 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 313623
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 72.4 52.5 92.5

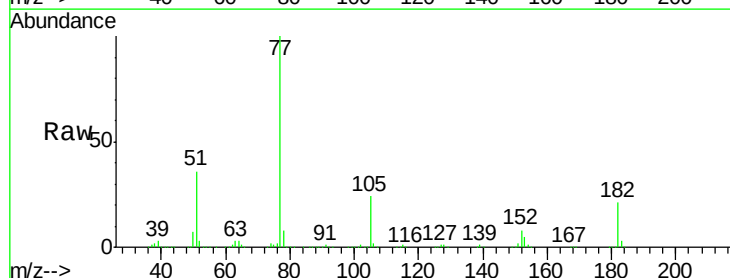


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

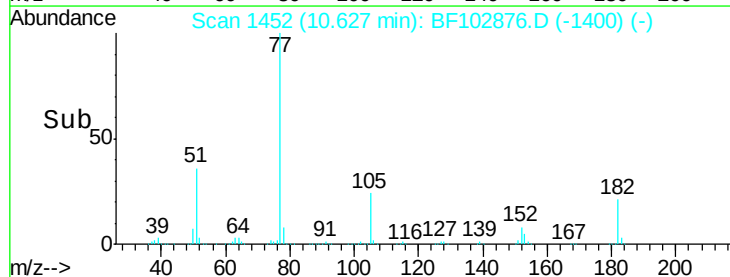
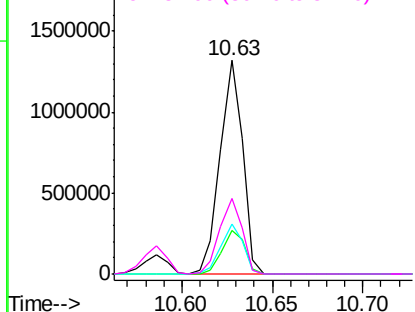


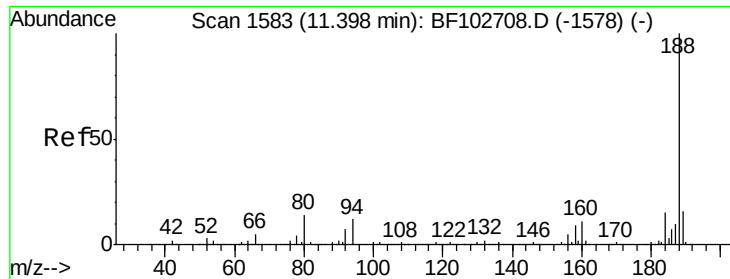
#62
Azobenzene
Concen: 39.383 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion: 77 Resp: 1141562
Ion Ratio Lower Upper
77 100
182 20.6 1.7 41.7
105 23.7 3.0 43.0
51 35.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

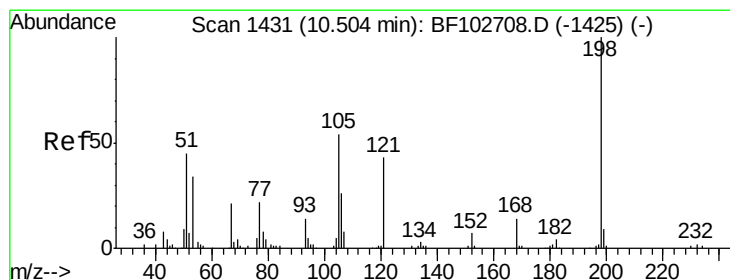
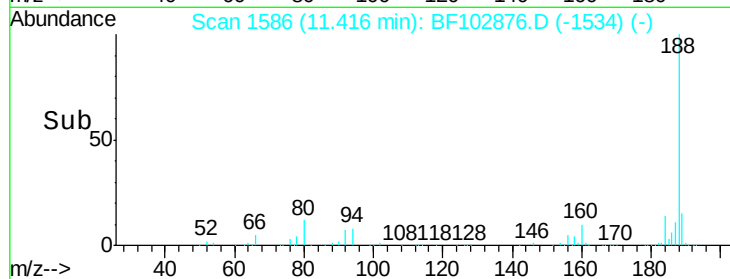
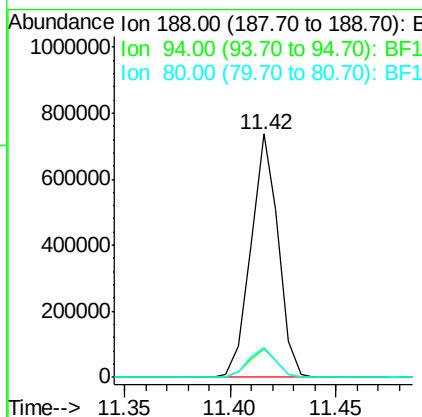
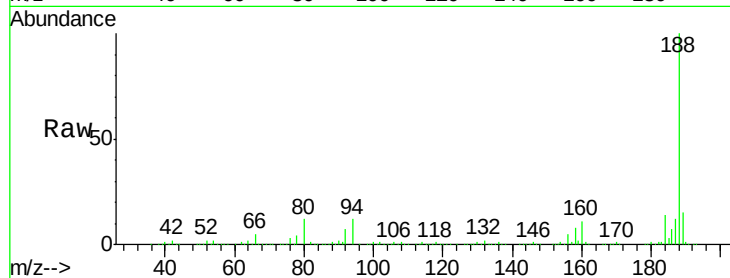




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

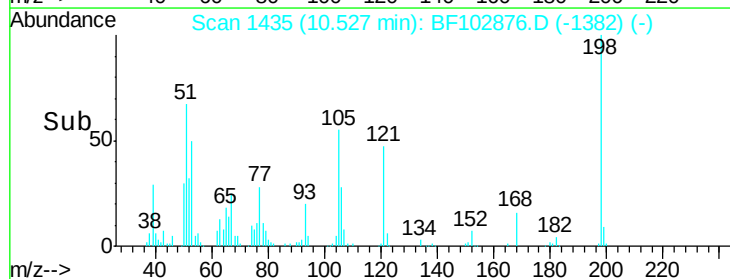
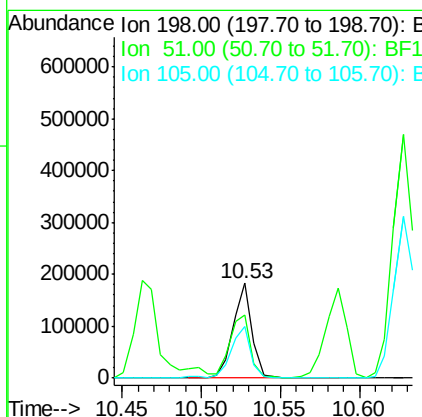
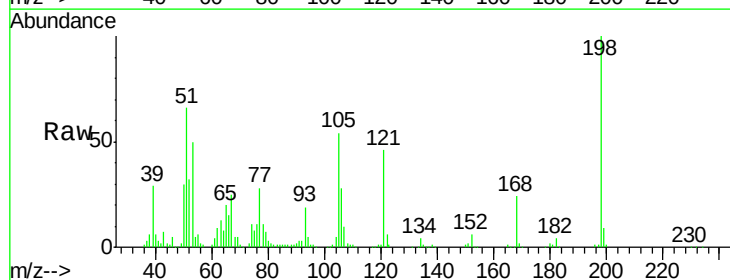
Instrument :
 BNA_F
 ClientSampleId :

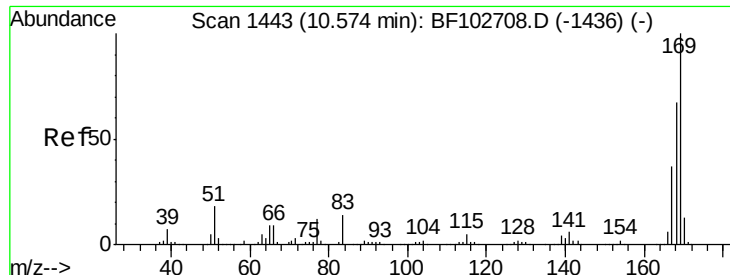
Tot Ion:188 Resp: 661863
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.801 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:198 Resp: 150546
 Ion Ratio Lower Upper
 198 100
 51 66.3 37.7 77.7
 105 53.9 36.3 76.3

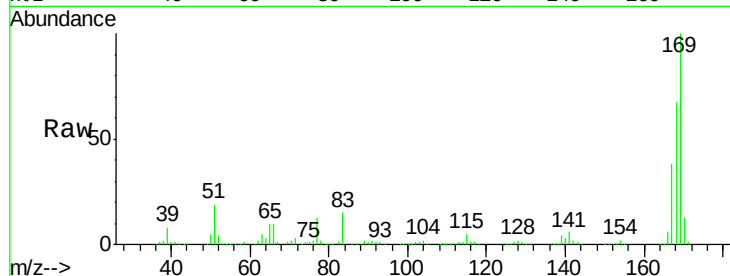




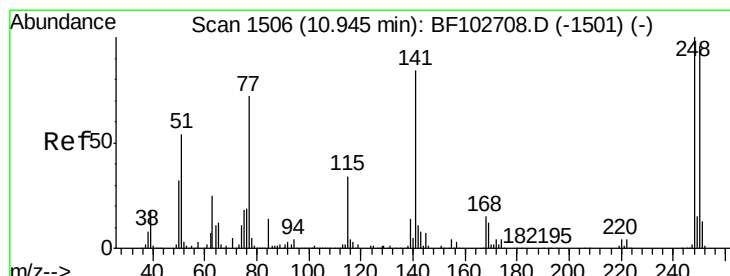
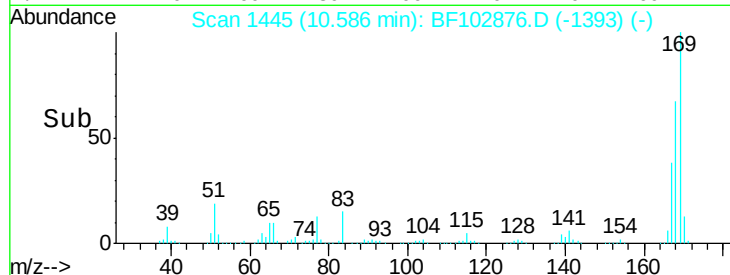
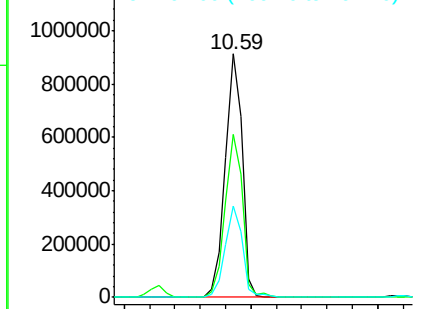
#65
 n-Nitrosodiphenylamine
 Concen: 36.344 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 848475
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.4 81.6
 167 37.5 29.8 44.6

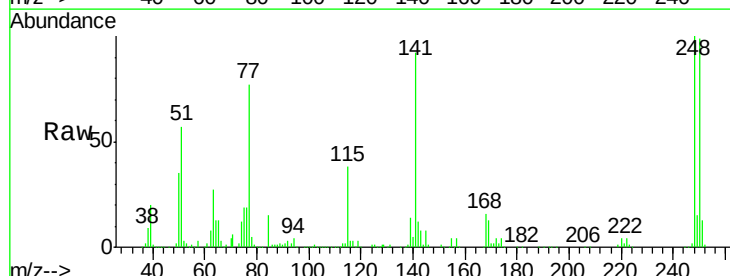


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

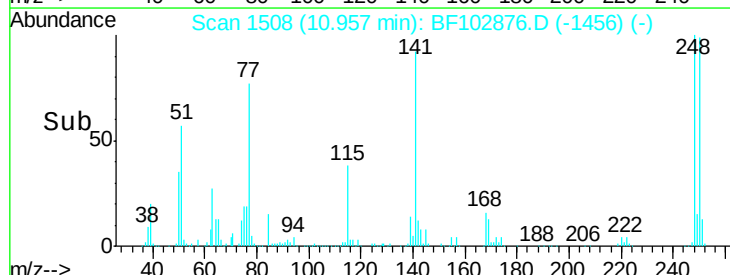
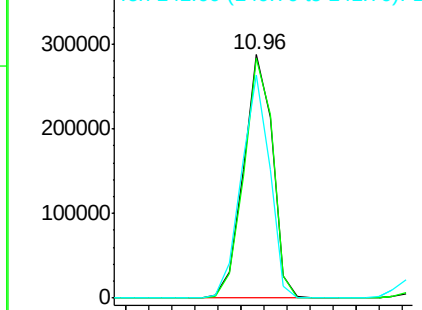


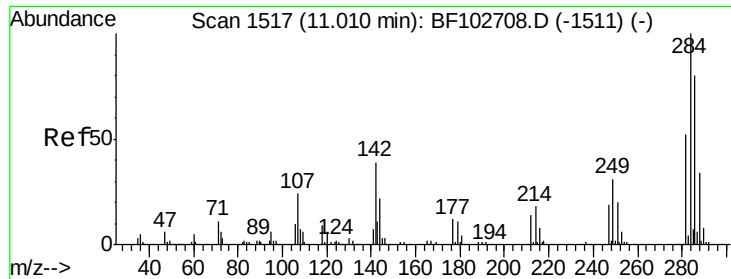
#66
 4-Bromophenyl-phenylether
 Concen: 35.937 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:248 Resp: 251603
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 91.7 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

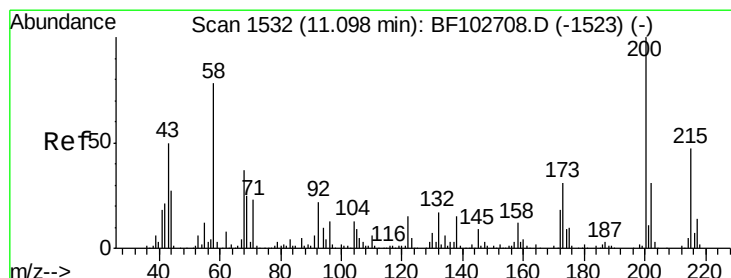
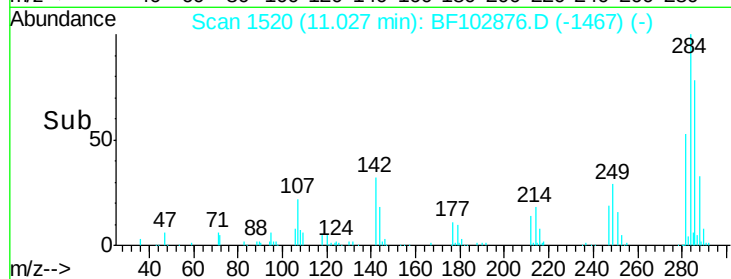
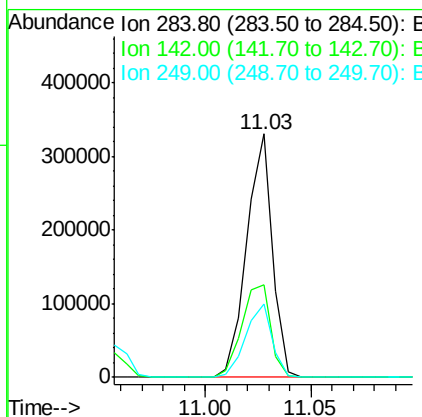
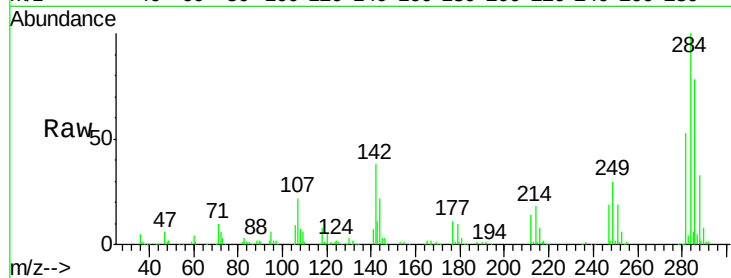




#67
Hexachlorobenzene
Concen: 36.161 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

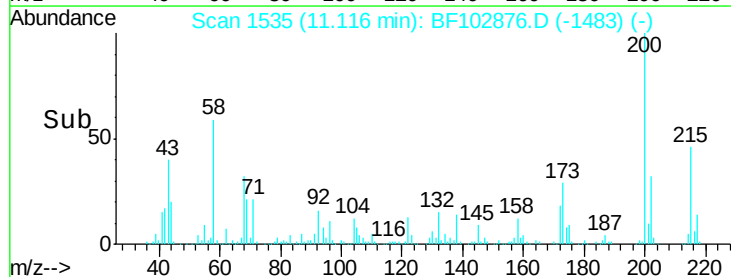
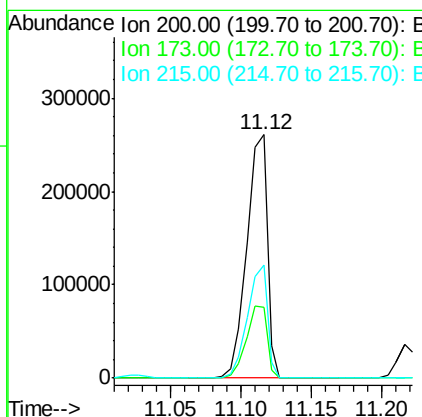
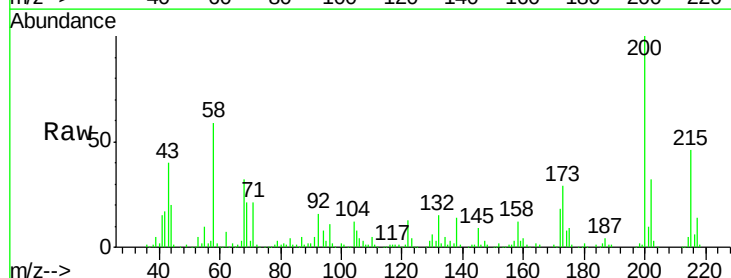
Instrument :
BNA_F
ClientSampled :

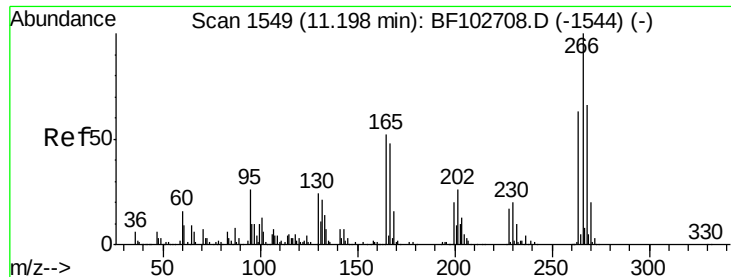
Tot Ion:284 Resp: 279300
Ion Ratio Lower Upper
284 100
142 38.2 34.6 52.0
249 30.2 24.8 37.2



#68
Atrazine
Concen: 38.758 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:200 Resp: 266937
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 46.4 25.1 65.1

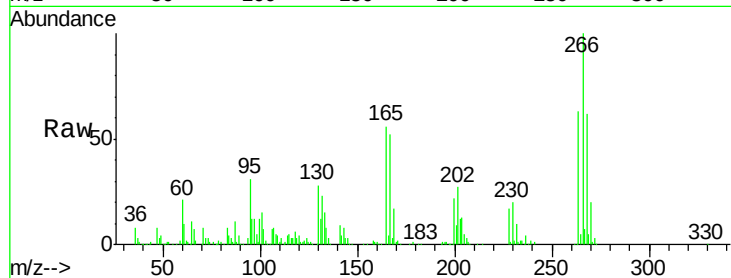




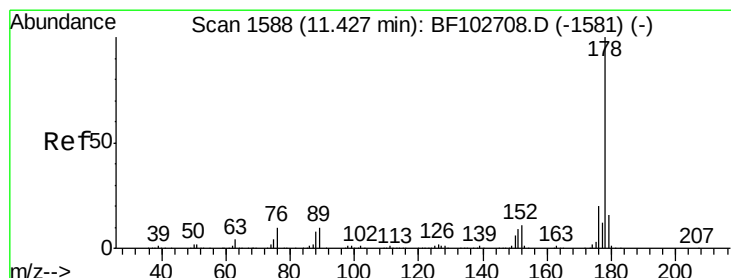
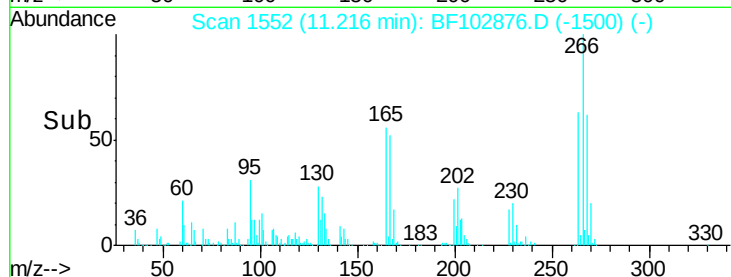
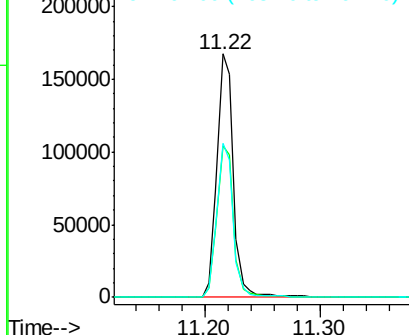
#69
 Pentachlorophenol
 Concen: 36.732 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 166540
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 63.4 49.5 74.3

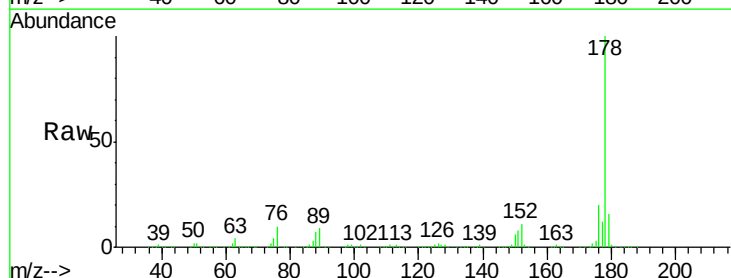


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

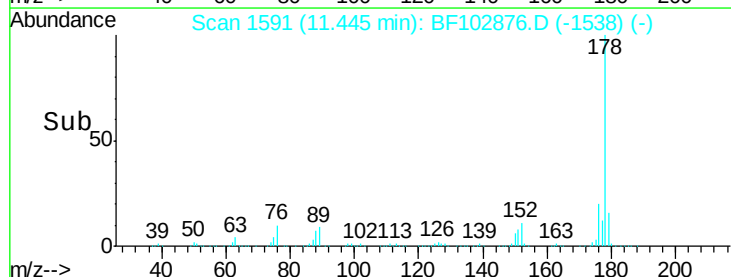
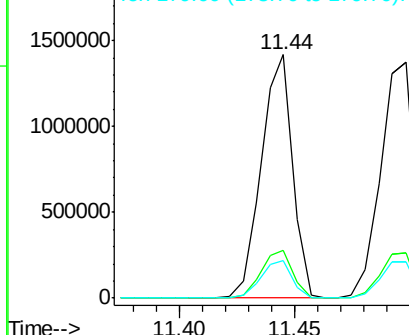


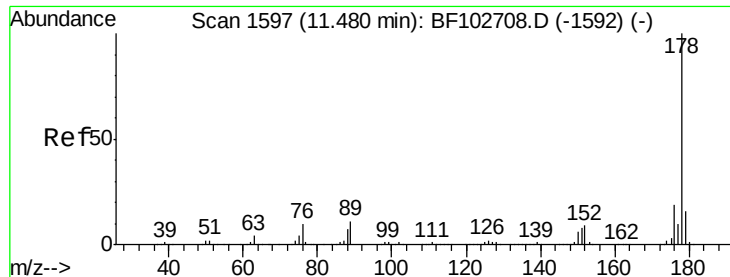
#70
 Phenanthrene
 Concen: 36.265 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:178 Resp: 1336762
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.6 13.0 19.6



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

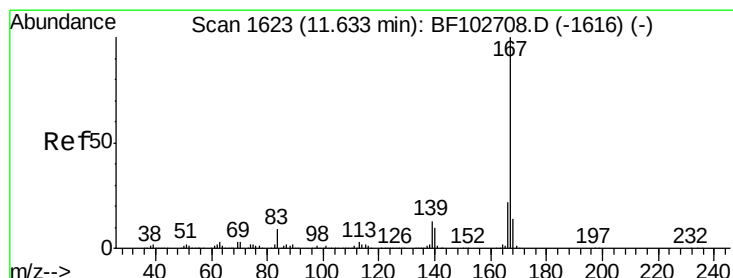
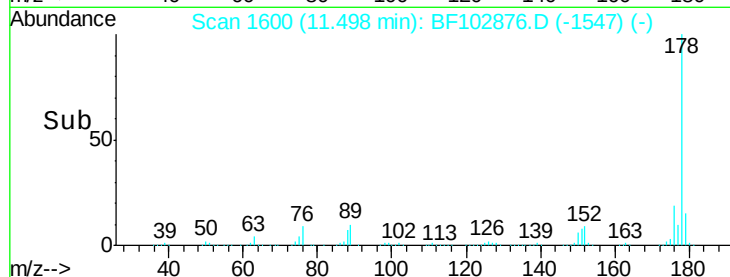
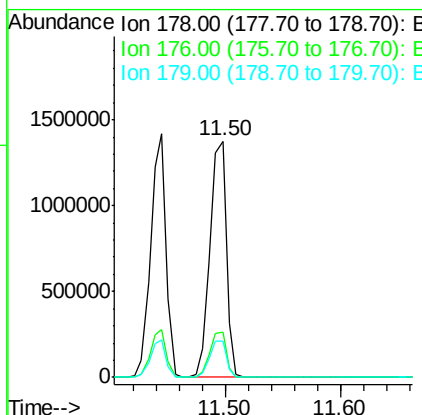
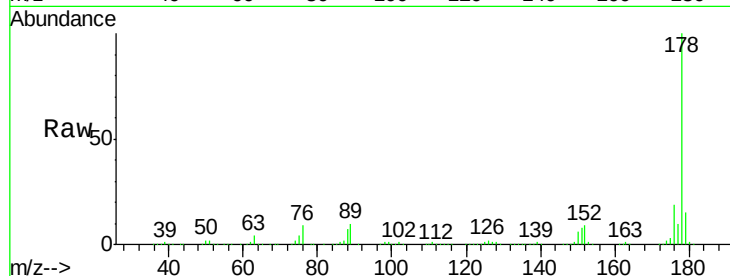




#71
 Anthracene
 Concen: 36.521 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

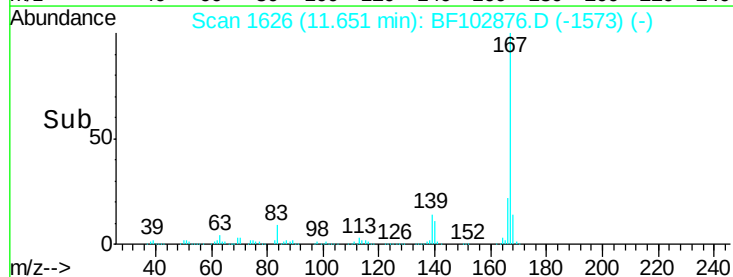
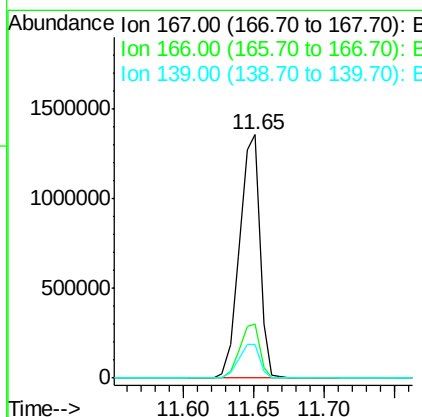
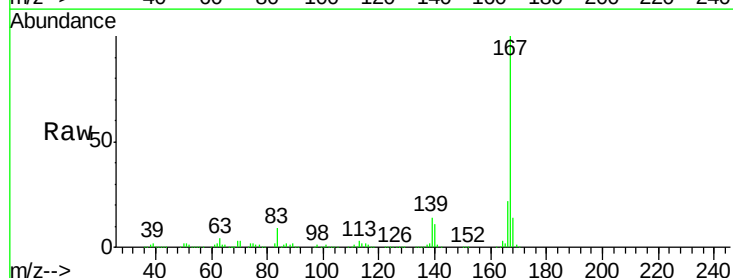
Instrument :
 BNA_F
 ClientSampleId :

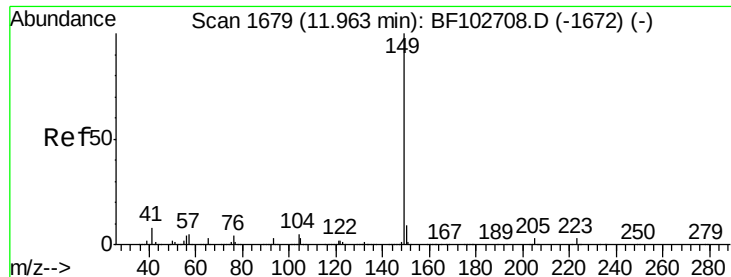
Tot Ion:178 Resp: 1369216
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.181 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:167 Resp: 1365656
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.929 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

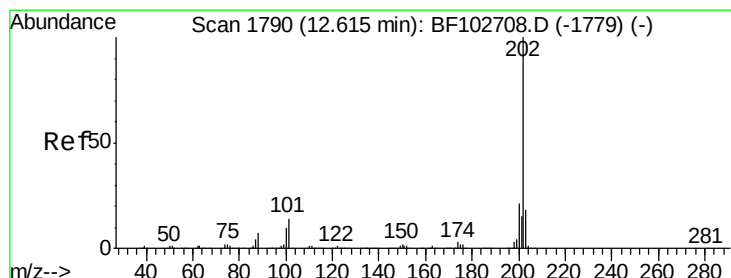
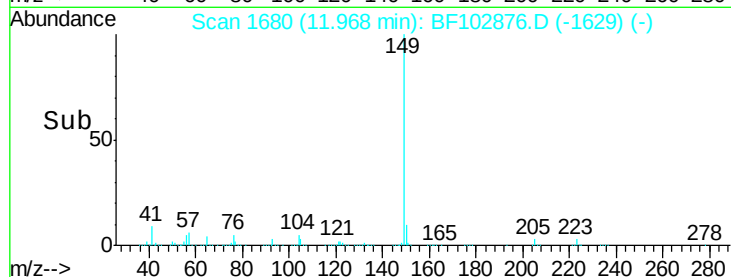
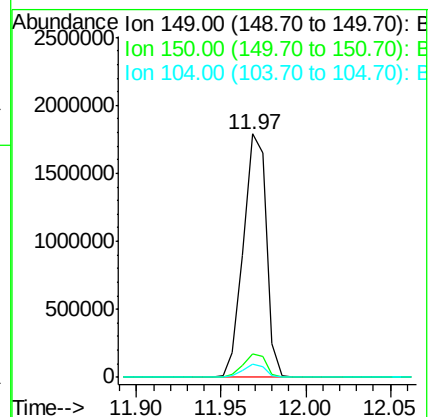
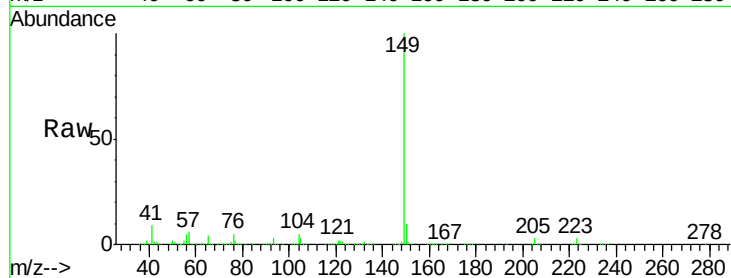
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1692269

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	3.8	5.8



#74

Fluoranthene

Concen: 36.957 ng

RT: 12.63 min Scan# 1793

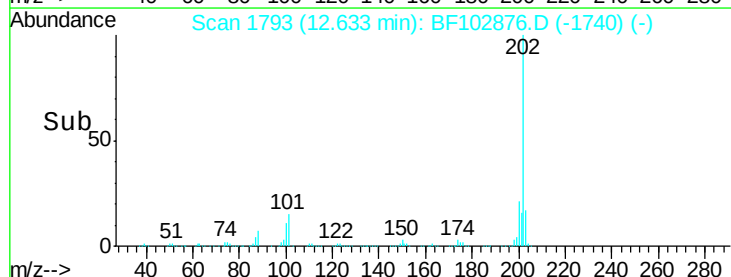
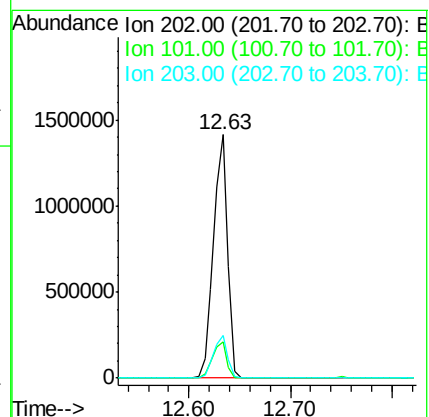
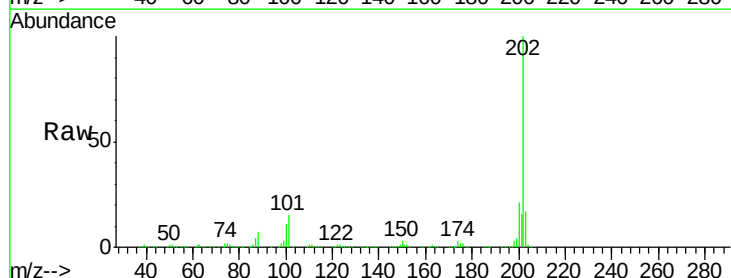
Delta R.T. 0.01 min

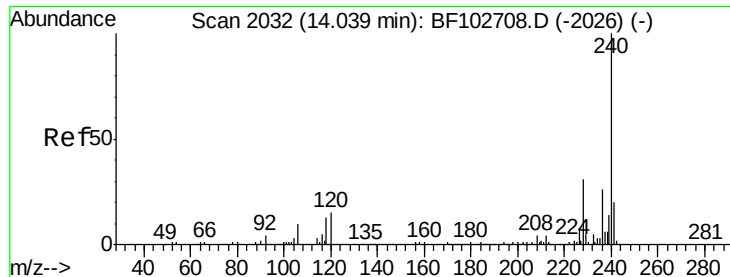
Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Tgt Ion:202 Resp: 1370638

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

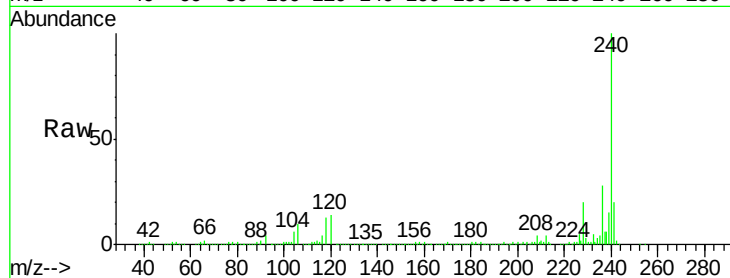
Tot Ion:240 Resp: 456223

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

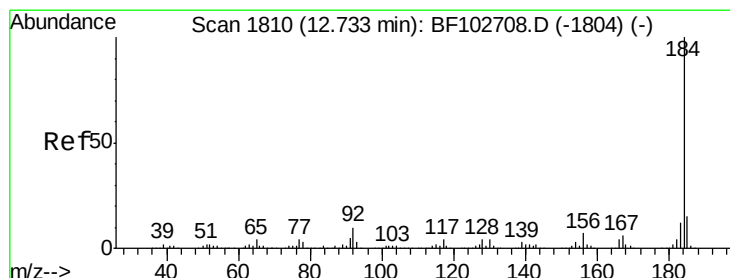
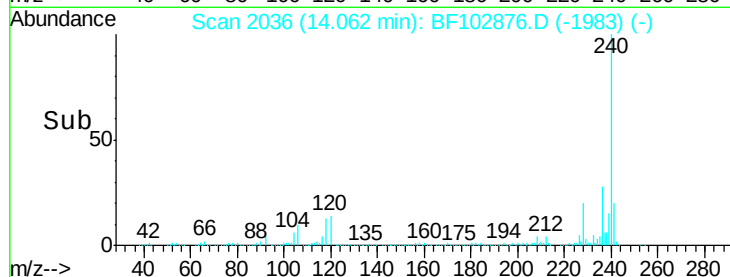
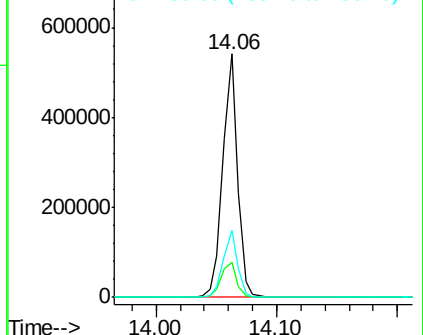
236 27.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.471 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

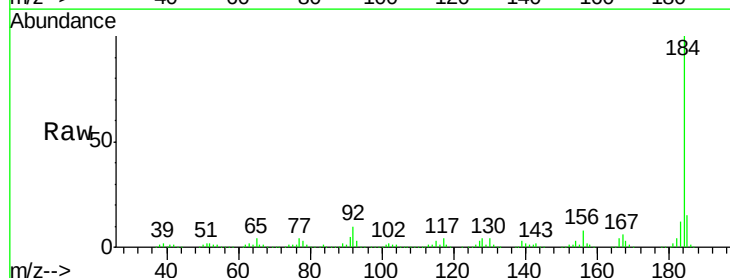
Tgt Ion:184 Resp: 911501

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

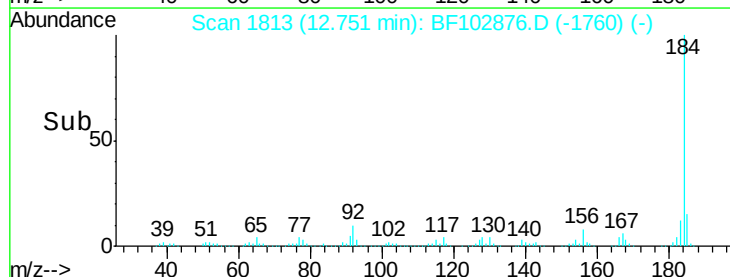
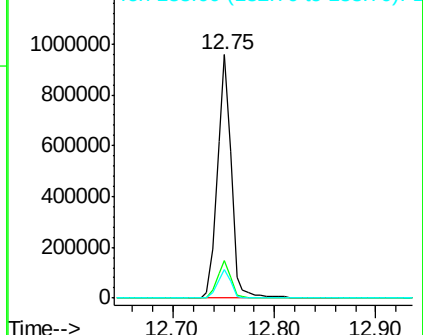
183 11.8 9.3 13.9

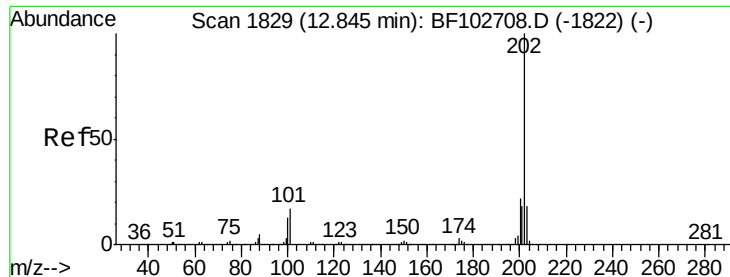


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.557 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

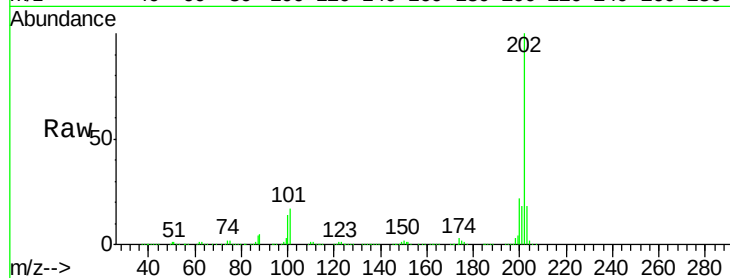
Tot Ion:202 Resp: 1415164

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

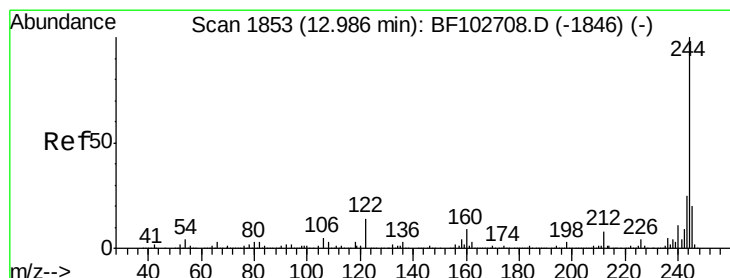
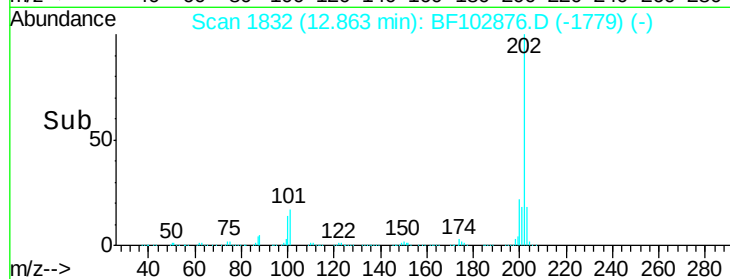
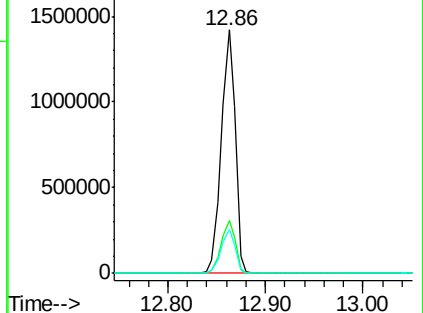
203 18.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.791 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

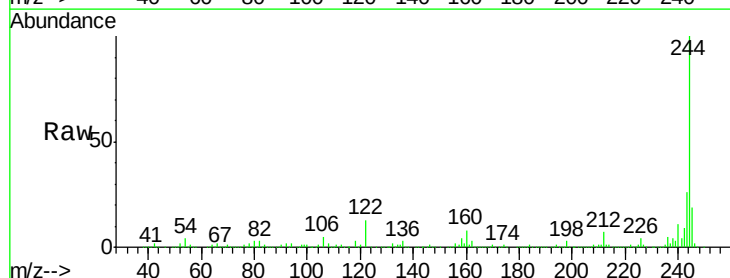
Tgt Ion:244 Resp: 1421808

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

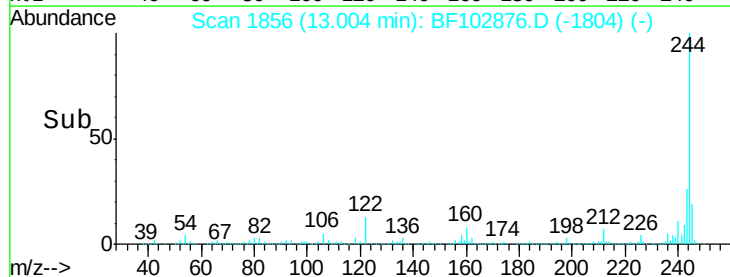
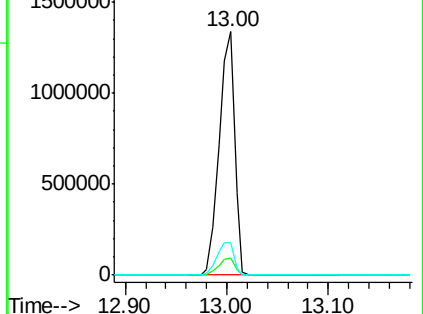
122 13.1 11.0 16.4

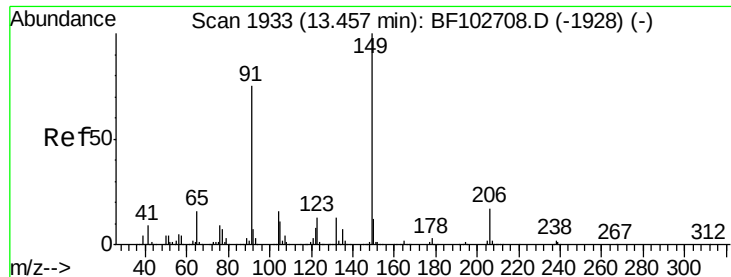


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

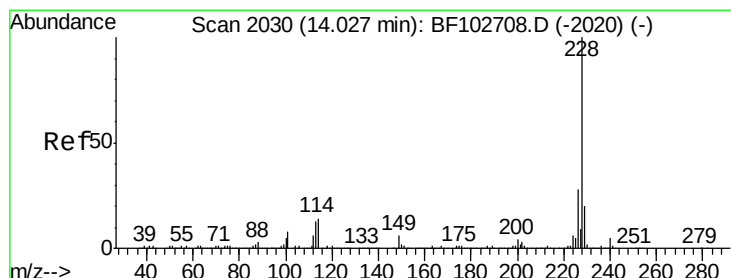
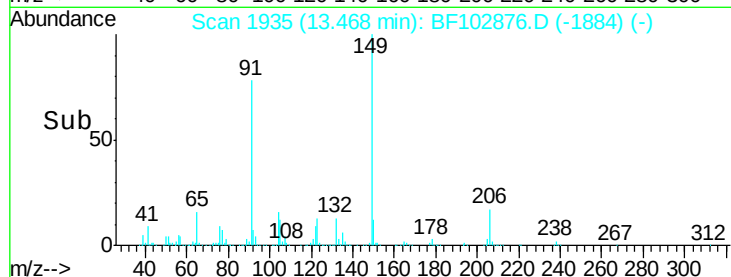
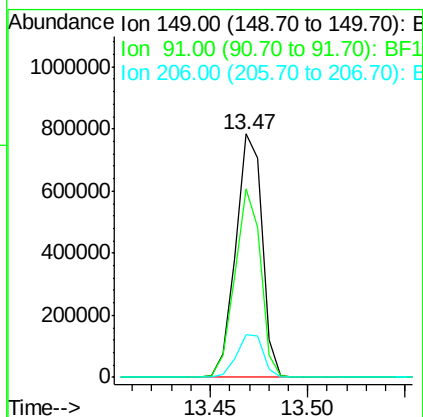
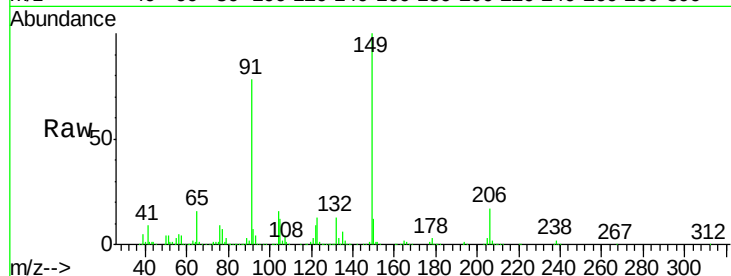




#79
Butylbenzylphthalate
Concen: 43.098 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

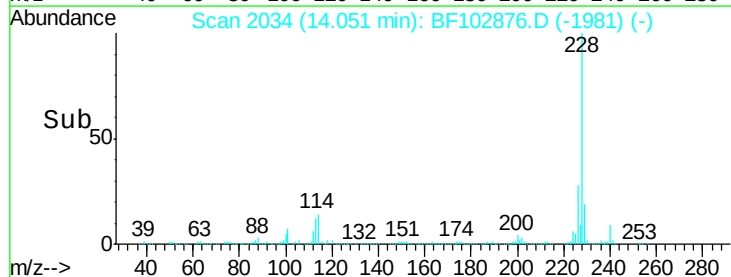
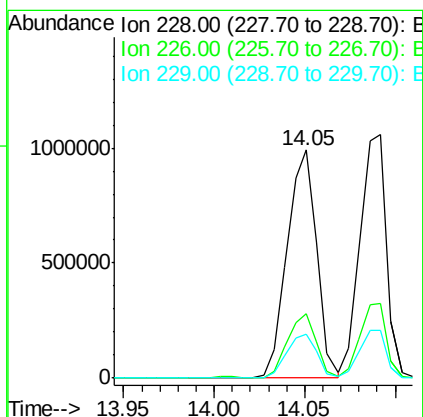
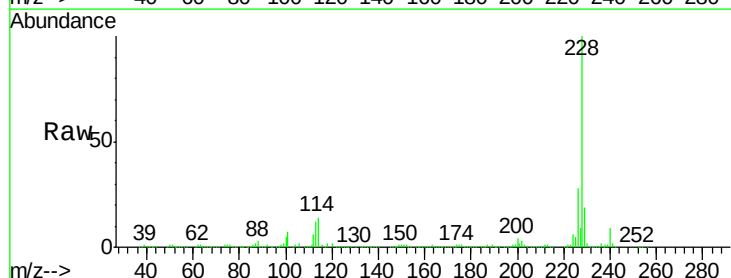
Instrument :
BNA_F
ClientSampleId :

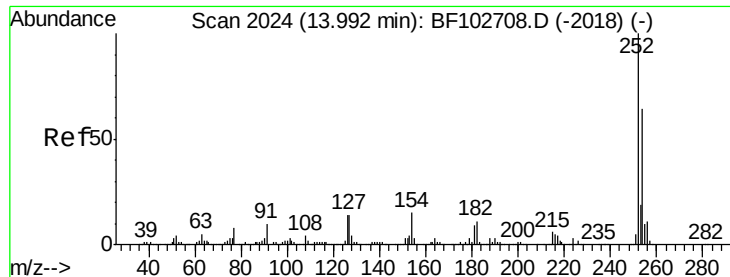
Tot Ion:149 Resp: 735684
Ion Ratio Lower Upper
149 100
91 77.5 56.8 85.2
206 17.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.369 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:228 Resp: 1129590
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.5 15.8 23.6

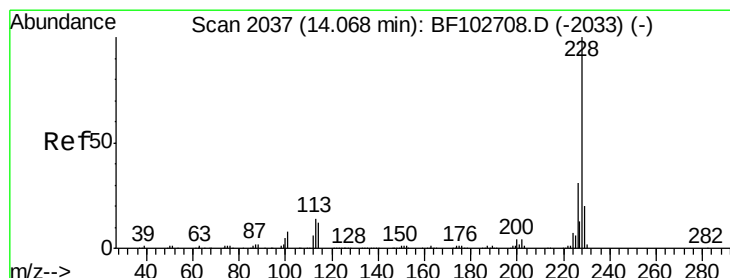
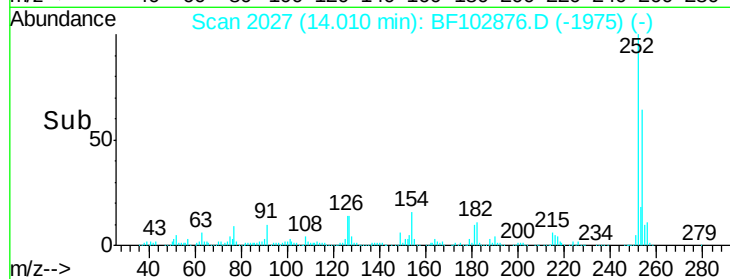
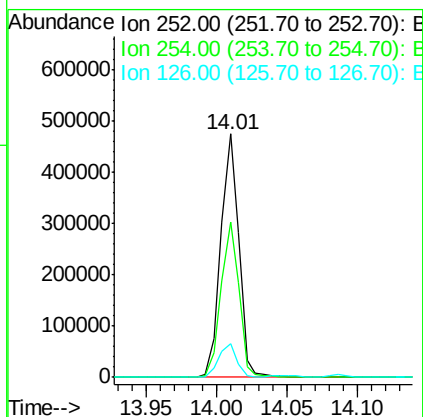
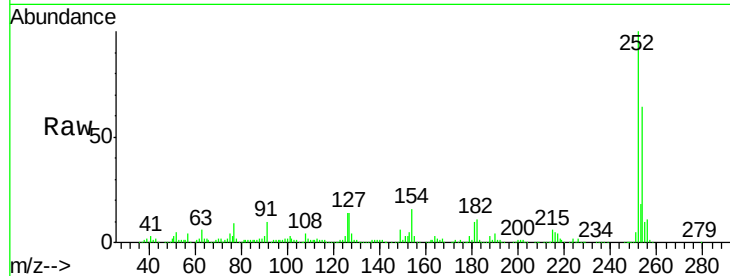




#81
 3,3'-Dichlorobenzidine
 Concen: 39.937 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

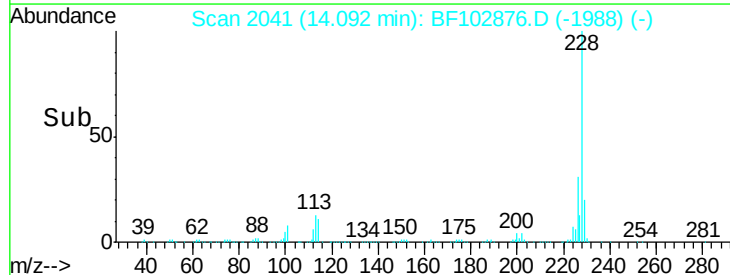
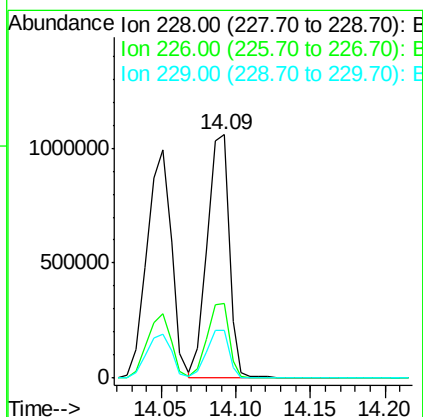
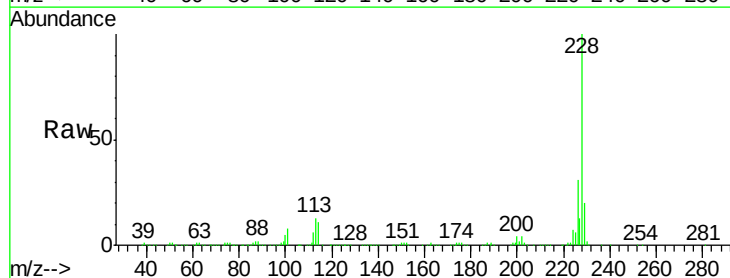
Instrument :
 BNA_F
 ClientSampleId :

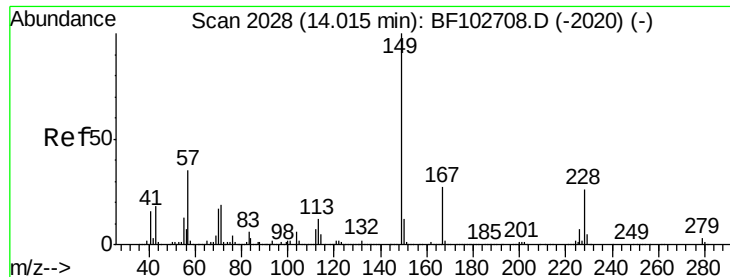
Tot Ion:252 Resp: 424862
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 13.9 11.3 16.9



#82
 Chrysene
 Concen: 37.373 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion:228 Resp: 1080947
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.449 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

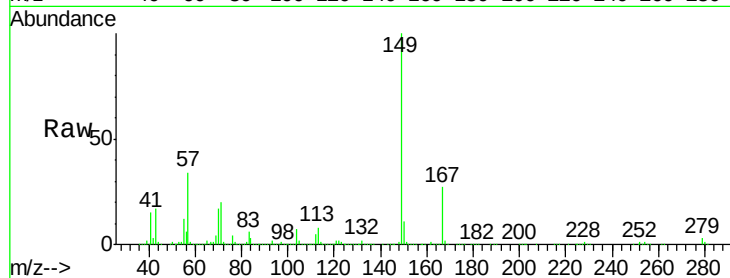
Tot Ion:149 Resp: 952194

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

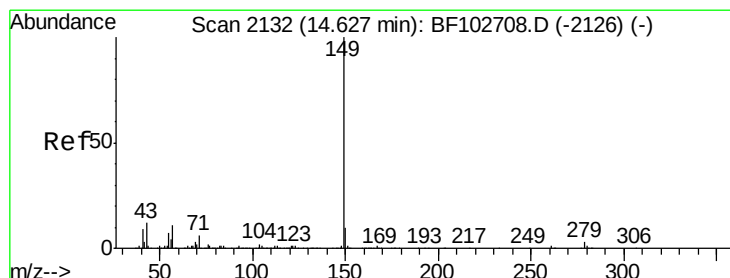
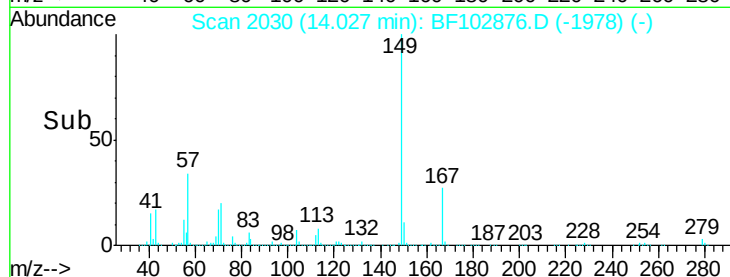
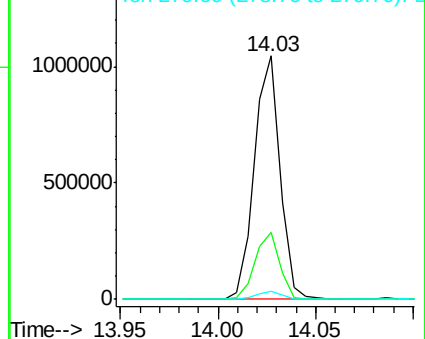
279 3.2 3.0 4.4



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: 42.242 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

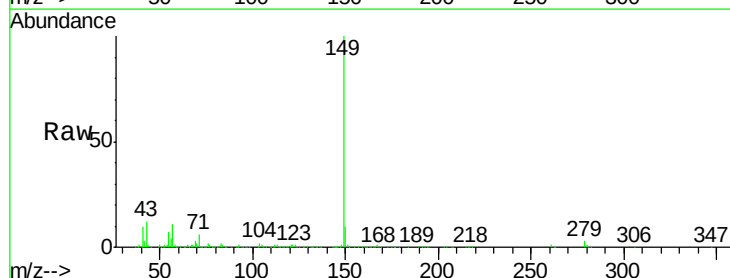
Tgt Ion:149 Resp: 1390033

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

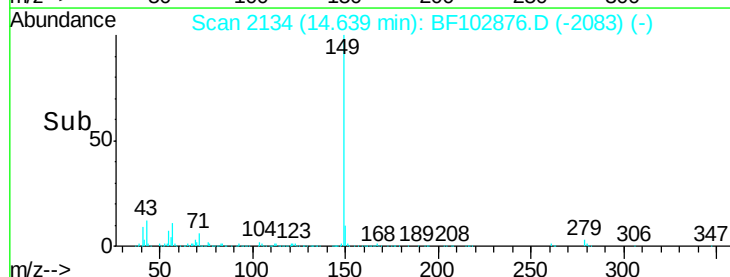
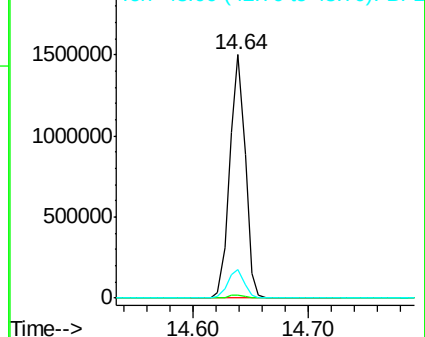
43 12.2 8.4 12.6

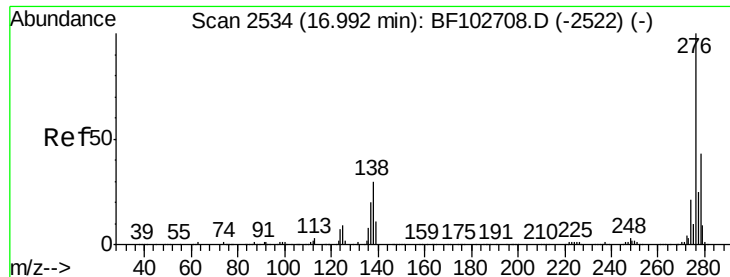


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

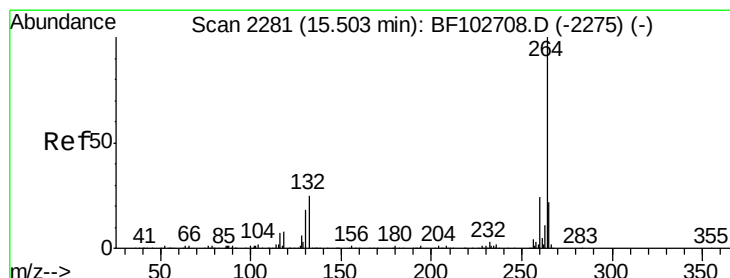
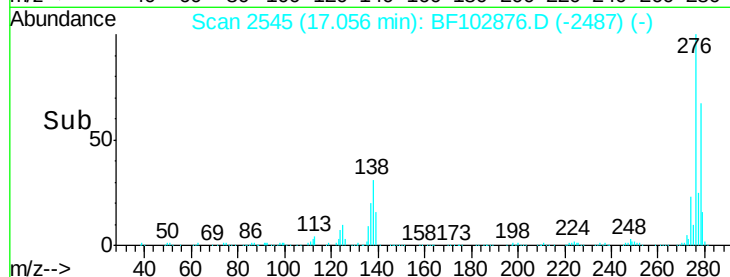
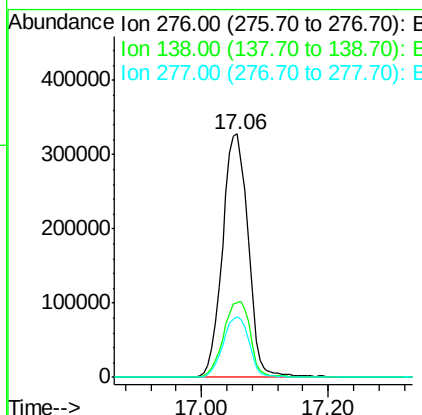
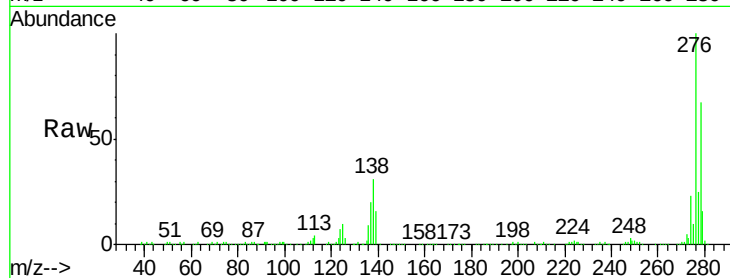




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.595 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.04 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

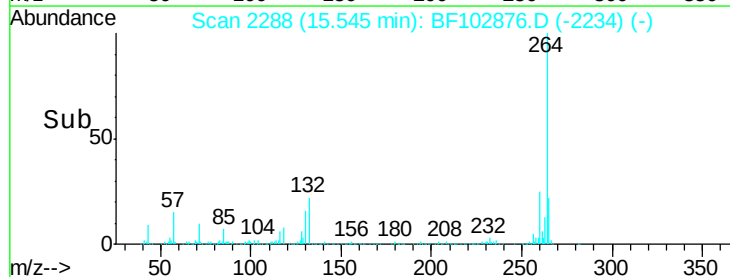
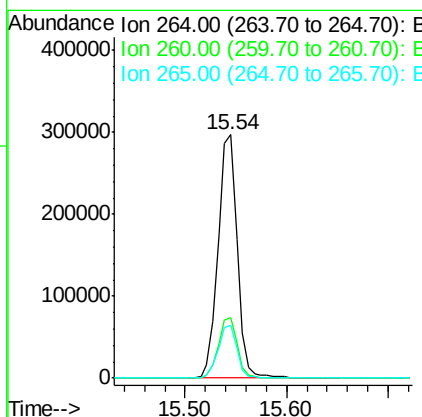
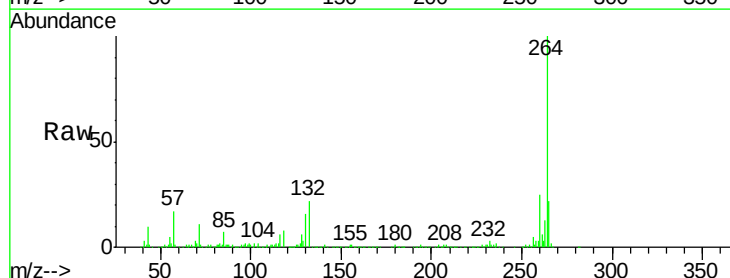
Instrument :
 BNA_F
 ClientSampleId :

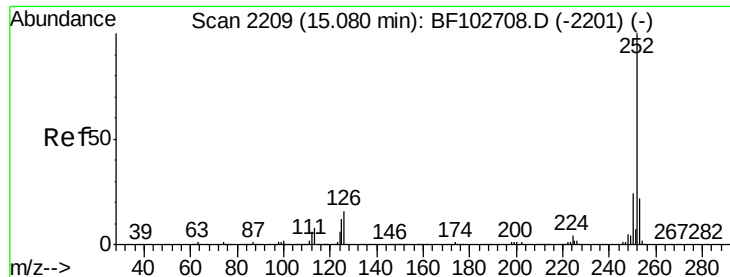
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF102876.D
 Acq: 9 Feb 2018 9:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.5	17.5	26.3

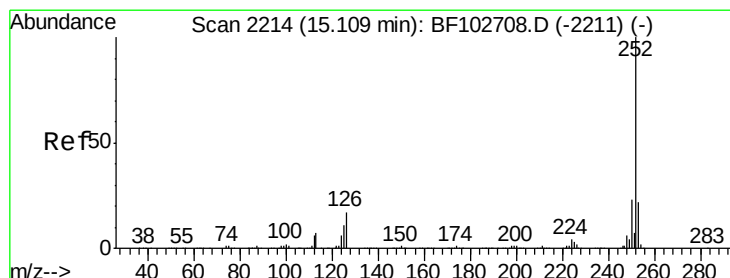
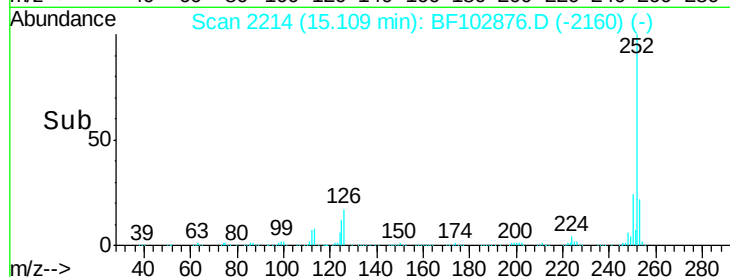
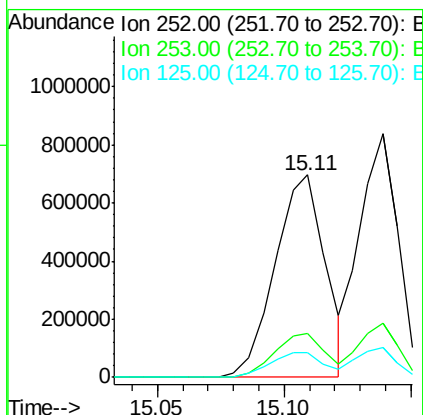
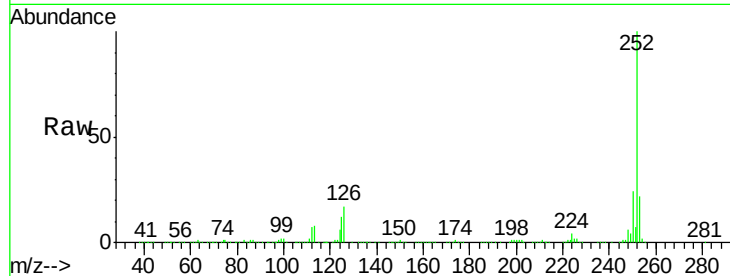




#87
Benzo(b)fluoranthene
Concen: 37.998 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

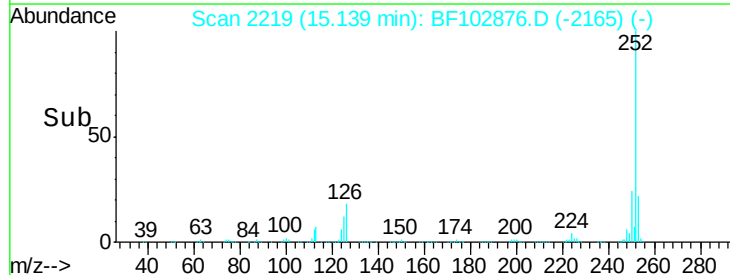
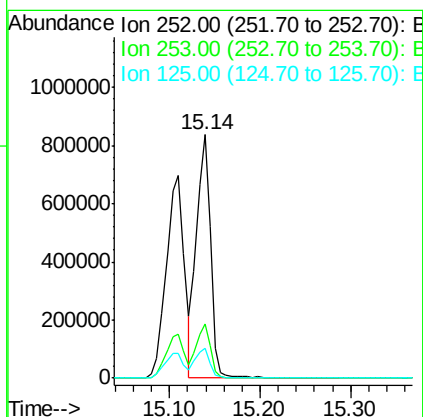
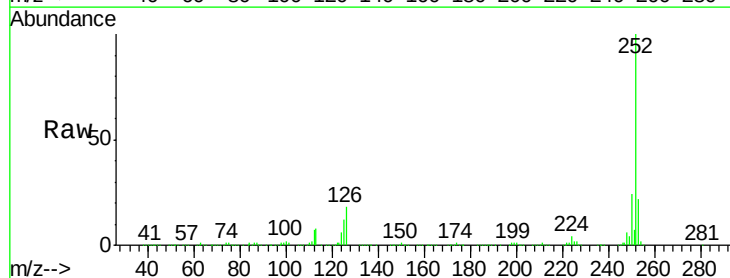
Instrument :
BNA_F
ClientSampled :

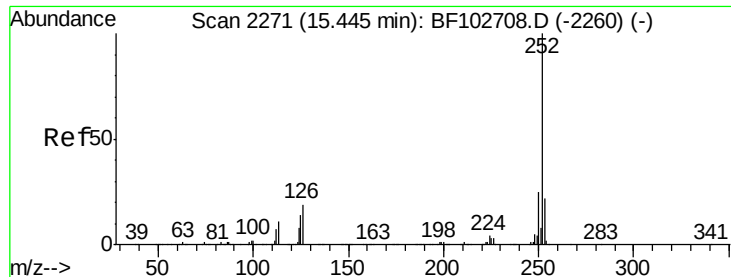
Tot Ion:252 Resp: 963278
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.412 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102876.D
Acq: 9 Feb 2018 9:31

Tgt Ion:252 Resp: 906213
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.406 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :

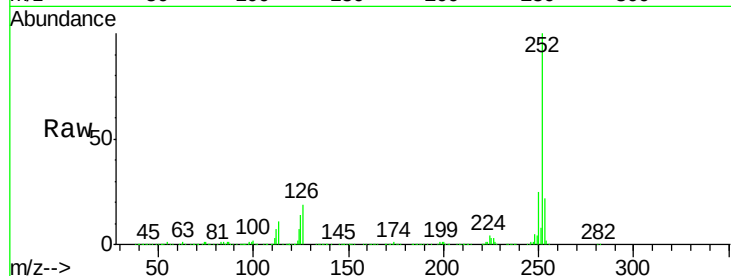
Tot Ion:252 Resp: 853560

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

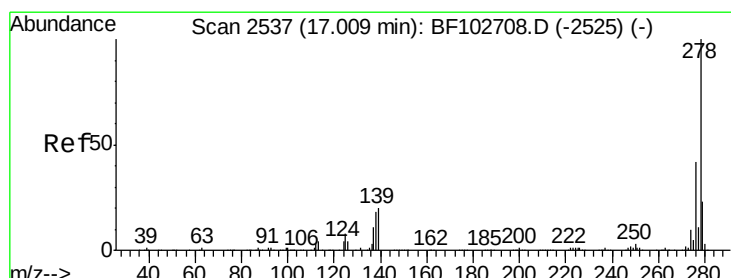
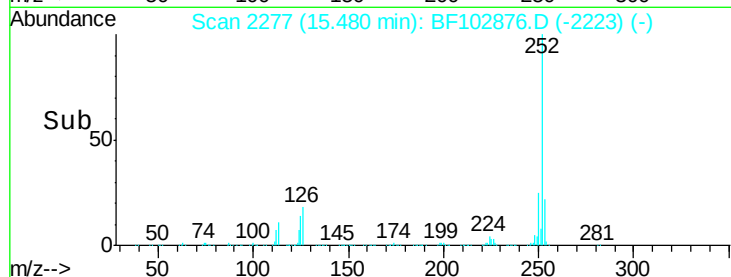
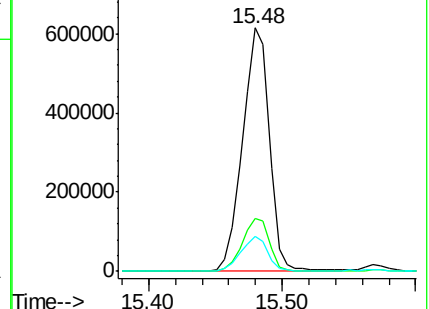
125 14.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.250 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.03 min

Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

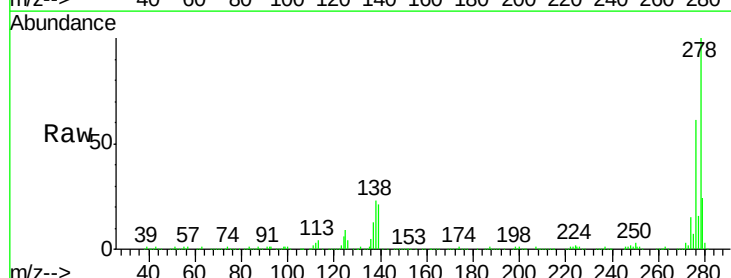
Tgt Ion:278 Resp: 764018

Ion Ratio Lower Upper

278 100

139 21.0 15.9 23.9

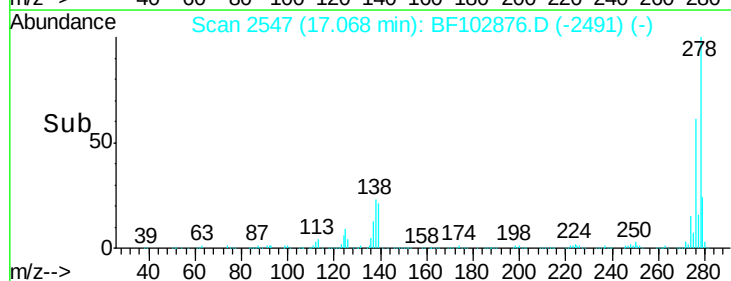
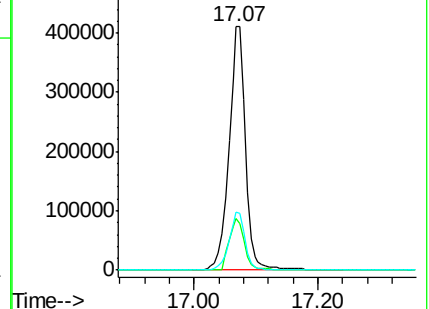
279 23.6 19.0 28.4

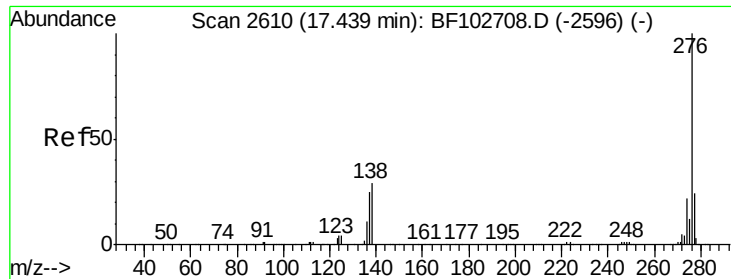


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.168 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.04 min

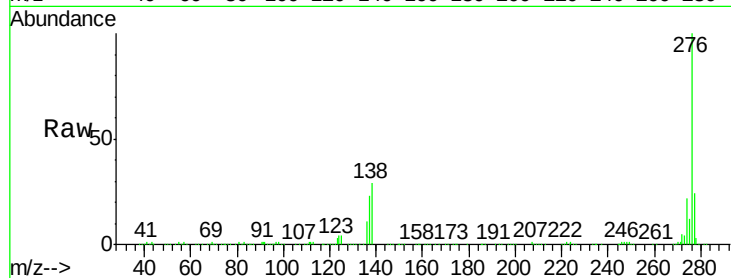
Lab File: BF102876.D

Acq: 9 Feb 2018 9:31

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 800704

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 29.3 21.8 32.8

