

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102952.D
 Acq On : 13 Feb 2018 10:46
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 14 00:02:53 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	222019	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	928667	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	419898	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	716359	20.00	ng	0.00
75) Chrysene-d12	14.04	240	497529	20.00	ng	0.00
86) Perylene-d12	15.52	264	477453	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1106909	75.72	ng	0.00
7) Phenol-d6	6.50	99	1357782	77.13	ng	0.00
23) Nitrobenzene-d5	7.45	82	1244434	92.96	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	286111	84.66	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1835814	72.55	ng	0.00
78) Terphenyl-d14	12.99	244	1509551	71.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	296848	41.110	ng	89
3) Pyridine	3.43	79	839882	42.100	ng	91
4) n-Nitrosodimethylamine	3.39	42	352462	41.293	ng	91
6) Aniline	6.55	93	1019755	39.229	ng	96
8) 2-Chlorophenol	6.66	128	584937	38.864	ng	96
9) Benzaldehyde	6.43	77	439769	33.641	ng	97
10) Phenol	6.52	94	790937	41.927	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	609645	38.837	ng	92
12) 1,3-Dichlorobenzene	6.82	146	652691	37.449	ng	98
13) 1,4-Dichlorobenzene	6.89	146	650615	37.474	ng	99
14) 1,2-Dichlorobenzene	7.05	146	590074	36.490	ng	97
15) Benzyl Alcohol	7.02	79	533949	39.454	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1090627	36.575	ng	98
17) 2-Methylphenol	7.13	107	544446	39.217	ng	99
18) Hexachloroethane	7.39	117	244254	41.027	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	438058	37.745	ng	97
20) 3+4-Methylphenols	7.28	107	622516	36.361	ng	# 87
22) Acetophenone	7.29	105	800515	35.226	ng	# 98
24) Nitrobenzene	7.46	77	682808	43.359	ng	98
25) Isophorone	7.70	82	1238093	40.164	ng	97
26) 2-Nitrophenol	7.77	139	336173	51.248	ng	94
27) 2,4-Dimethylphenol	7.81	122	509804	39.146	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	722653	39.574	ng	99
29) 2,4-Dichlorophenol	8.02	162	477466	40.330	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	505160	37.718	ng	99
31) Naphthalene	8.19	128	1681902	37.069	ng	100
32) Benzoic acid	7.95	122	454965	49.034	ng	96
33) 4-Chloroaniline	8.23	127	754690	38.610	ng	96
34) Hexachlorobutadiene	8.30	225	260524	37.961	ng	100
35) Caprolactam	8.62	113	170453	41.457	ng	# 73
36) 4-Chloro-3-methylphenol	8.71	107	529665	39.818	ng	99
37) 2-Methylnaphthalene	8.87	142	1092069	36.762	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	432370	37.817	ng	99
40) Hexachlorocyclopentadiene	9.02	237	212246	39.051	ng	98

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

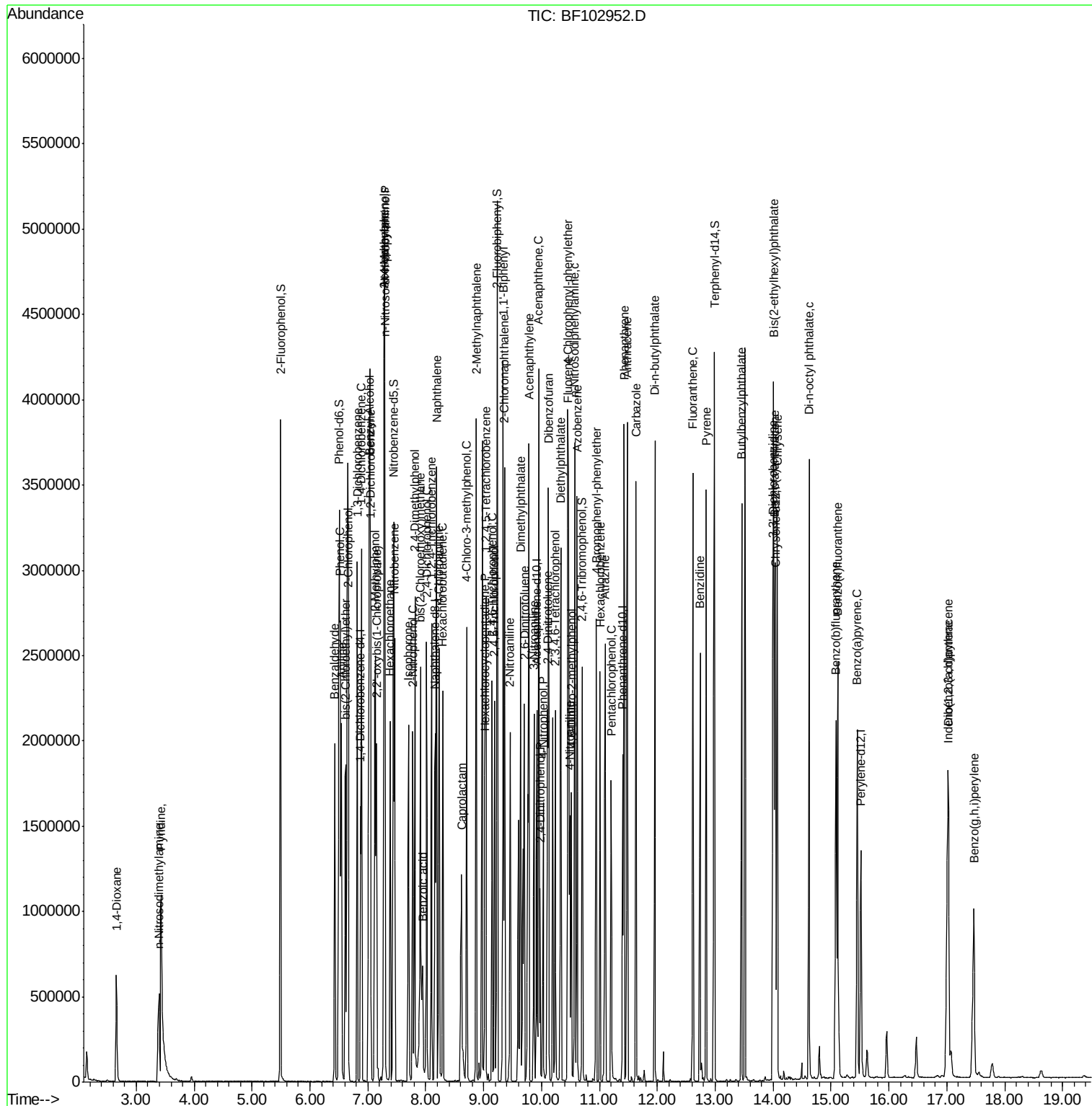
42) 2,4,6-Trichlorophenol	9.15	196	307722	40.977	ng	100
43) 2,4,5-Trichlorophenol	9.19	196	353496	41.765	ng	97
45) 1,1'-Biphenyl	9.34	154	1289942	36.473	ng	100
46) 2-Chloronaphthalene	9.36	162	1040824	37.382	ng	100
47) 2-Nitroaniline	9.46	65	409449	47.681	ng	85
48) Acenaphthylene	9.78	152	1583042	36.606	ng	99
49) Dimethylphthalate	9.64	163	1258637	38.443	ng	100
50) 2,6-Dinitrotoluene	9.70	165	276369	44.369	ng	98
51) Acenaphthene	9.95	154	937173	36.237	ng	100
52) 3-Nitroaniline	9.87	138	339558	44.304	ng	97
53) 2,4-Dinitrophenol	9.97	184	108369	61.888	ng #	17
54) Dibenzofuran	10.12	168	1323218	36.306	ng	97
55) 4-Nitrophenol	10.03	139	241299	40.408	ng	92
56) 2,4-Dinitrotoluene	10.10	165	362912	43.734	ng	92
57) Fluorene	10.47	166	996780	37.589	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	238541	40.663	ng	98
59) Diethylphthalate	10.33	149	1205336	37.285	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	447386	38.138	ng	96
61) 4-Nitroaniline	10.49	138	335655	46.010	ng	95
62) Azobenzene	10.62	77	1215121	37.625	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	180201	56.877	ng	96
65) n-Nitrosodiphenylamine	10.57	169	951730	37.665	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	286248	37.775	ng	94
67) Hexachlorobenzene	11.01	284	316259	37.832	ng	98
68) Atrazine	11.10	200	284577	38.176	ng	98
69) Pentachlorophenol	11.20	266	187494	38.207	ng	99
70) Phenanthrene	11.43	178	1426561	35.757	ng	99
71) Anthracene	11.48	178	1461884	36.026	ng	99
72) Carbazole	11.63	167	1441868	36.270	ng	98
73) Di-n-butylphthalate	11.96	149	1858347	38.482	ng	99
74) Fluoranthene	12.62	202	1431605	35.665	ng	99
76) Benzidine	12.74	184	996851	43.594	ng	99
77) Pyrene	12.84	202	1470225	37.685	ng	100
79) Butylbenzylphthalate	13.46	149	798140	42.880	ng	98
80) Benzo(a)anthracene	14.03	228	1239087	39.600	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	478212	41.220	ng	99
82) Chrysene	14.07	228	1172886	37.185	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1089149	45.572	ng	100
84) Di-n-octyl phthalate	14.62	149	1735959	48.375	ng	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	1056893	40.401	ng	98
87) Benzo(b)fluoranthene	15.09	252	1153821	37.274	ng	98
88) Benzo(k)fluoranthene	15.12	252	1119324	37.844	ng	99
89) Benzo(a)pyrene	15.46	252	1050675	37.708	ng	96
90) Dibenzo(a,h)anthracene	17.03	278	882793	39.034	ng	100
91) Benzo(g,h,i)perylene	17.47	276	864965	39.075	ng	97

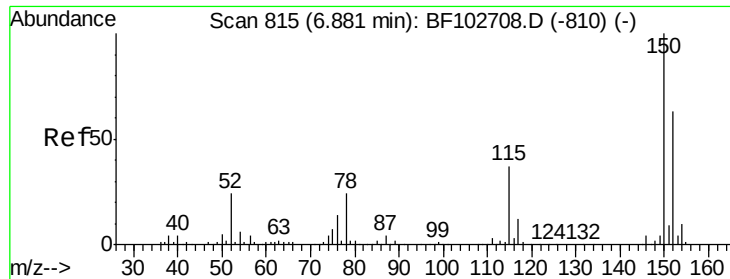
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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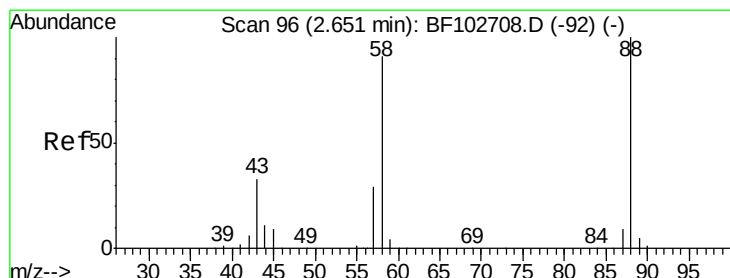
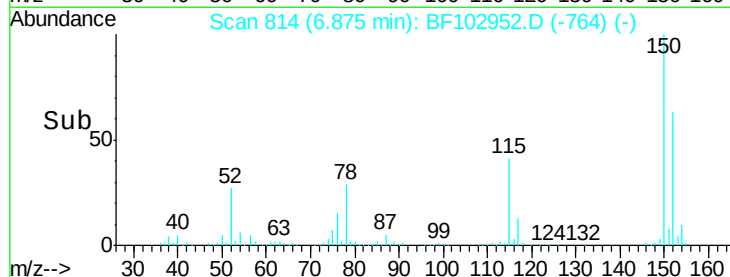
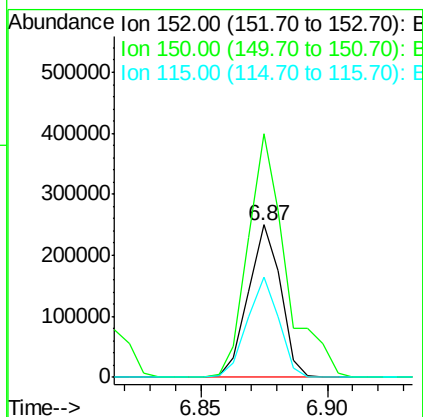
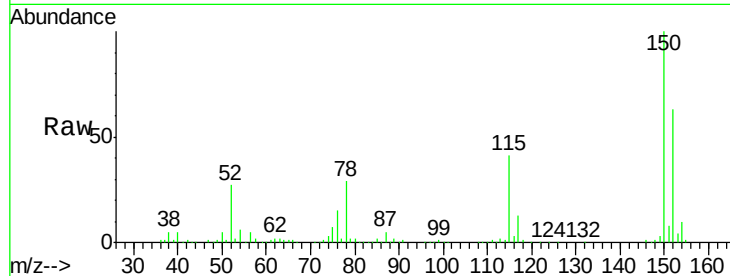


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
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ClientSampleId :
SSTDCCC040

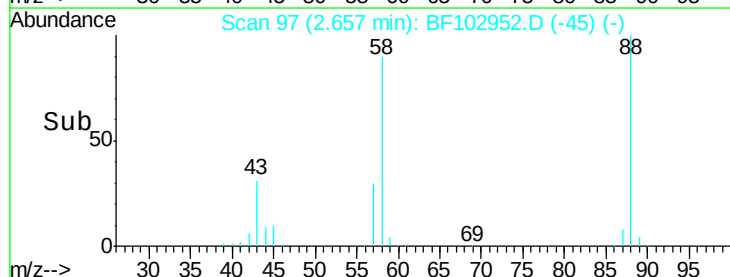
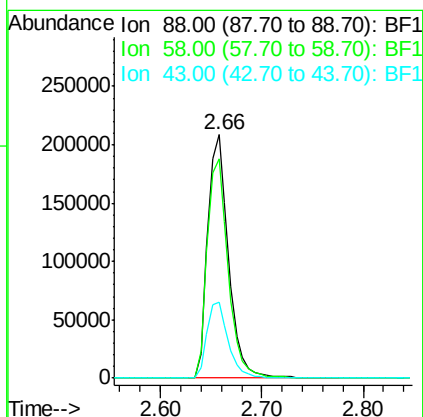
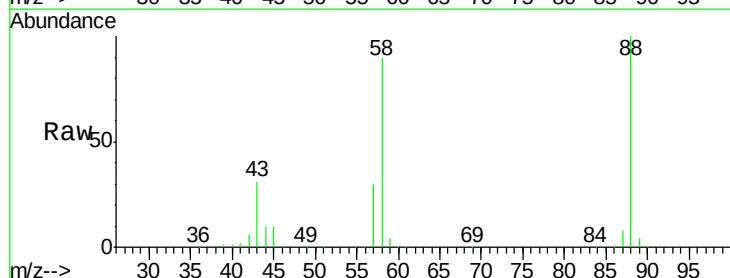
Tot Ion:152 Resp: 222019
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 65.7 50.1 75.1

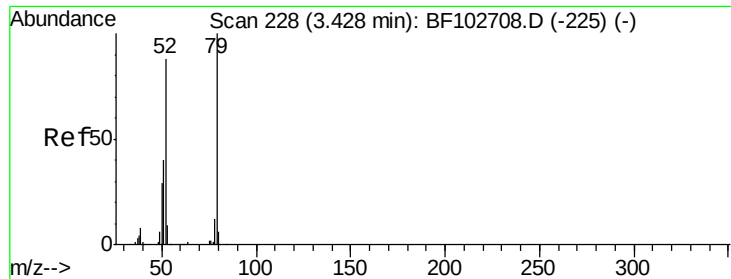


#2

1,4-Dioxane
Concen: 41.110 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion: 88 Resp: 296848
Ion Ratio Lower Upper
88 100
58 91.1 62.6 93.8
43 32.3 24.6 37.0





#3

Pvridine

Concen: 42.100 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

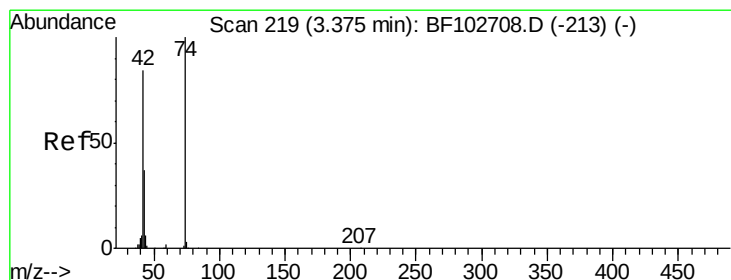
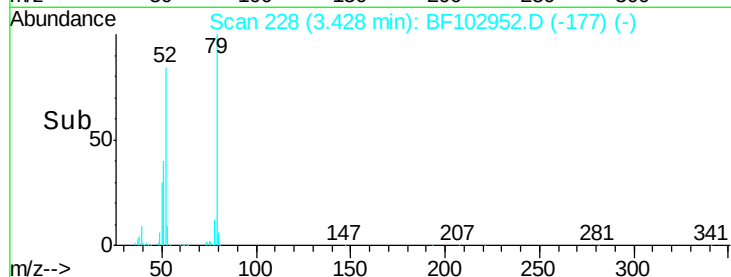
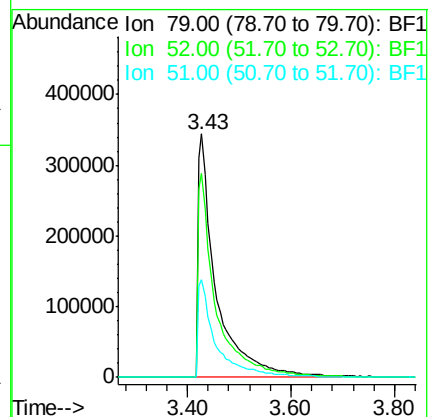
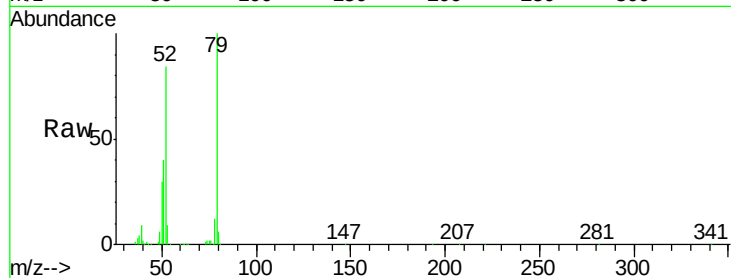
Tot Ion: 79 Resp: 839882

Ion Ratio Lower Upper

79 100

52 83.5 59.8 89.6

51 40.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.293 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.02 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

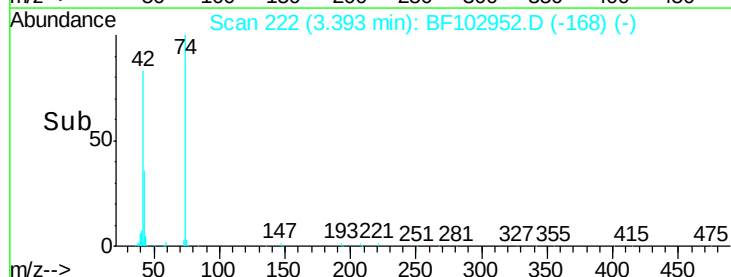
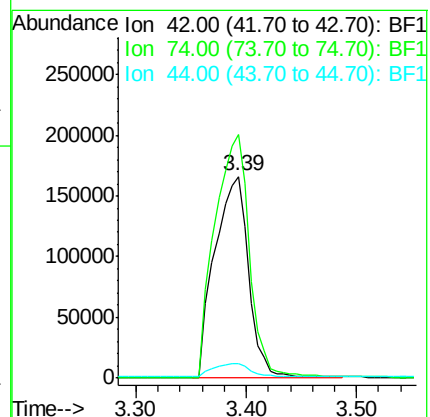
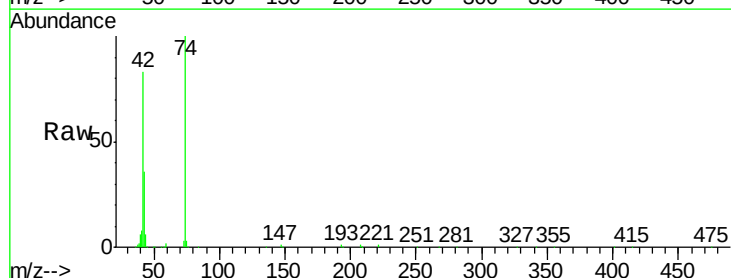
Tgt Ion: 42 Resp: 352462

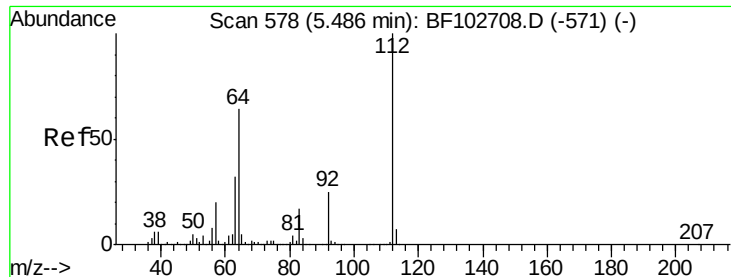
Ion Ratio Lower Upper

42 100

74 120.7 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 75.715 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

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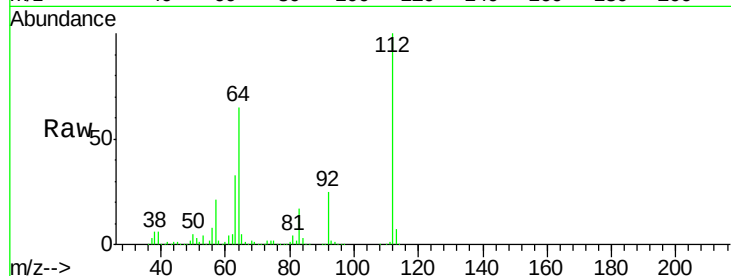
Tot Ion:112 Resp: 1106909

Ion Ratio Lower Upper

112 100

64 65.0 47.9 71.9

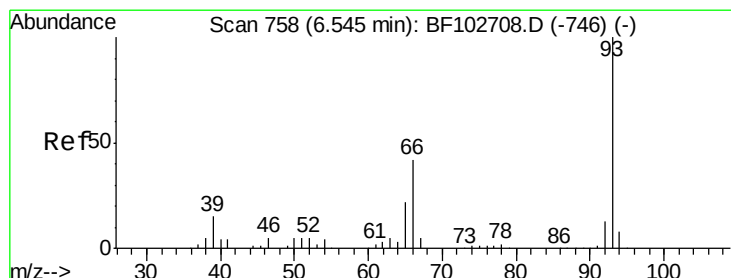
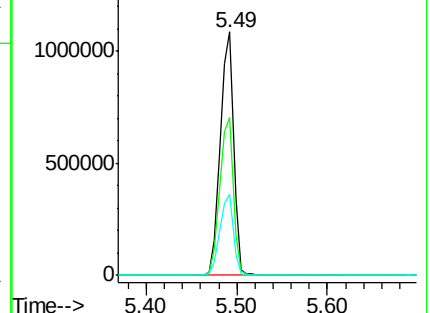
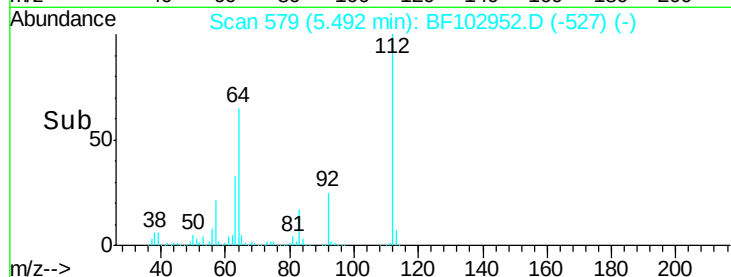
63 33.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.229 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

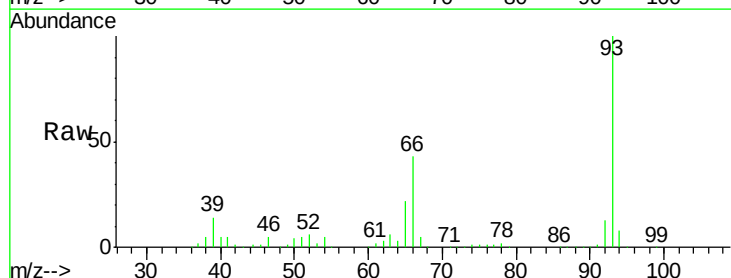
Tgt Ion: 93 Resp: 1019755

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

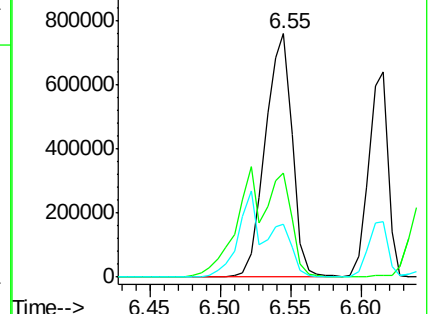
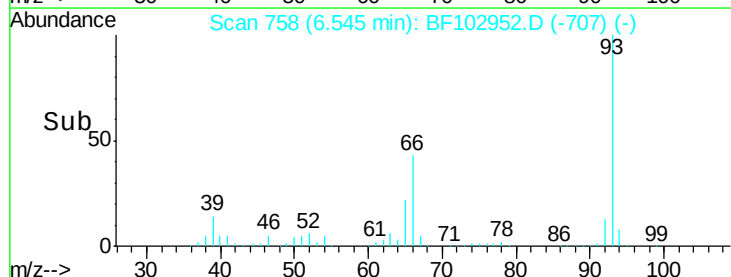
65 21.7 16.4 24.6

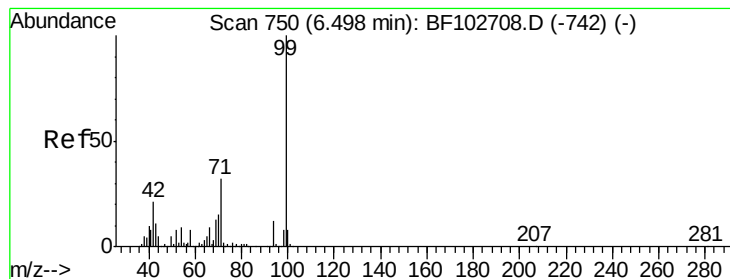


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.135 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

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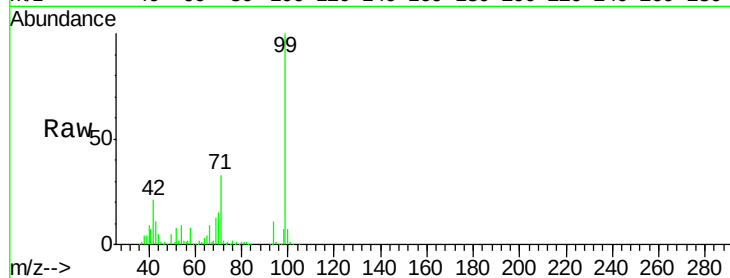
Tot Ion: 99 Resp: 1357782

Ion Ratio Lower Upper

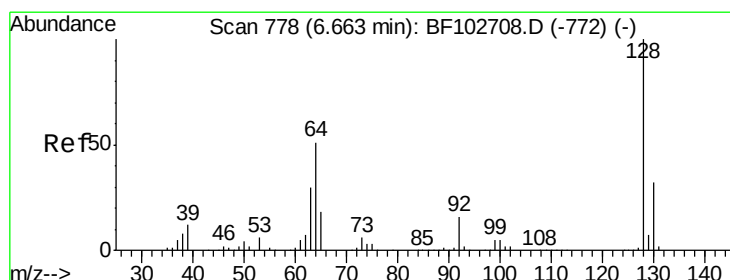
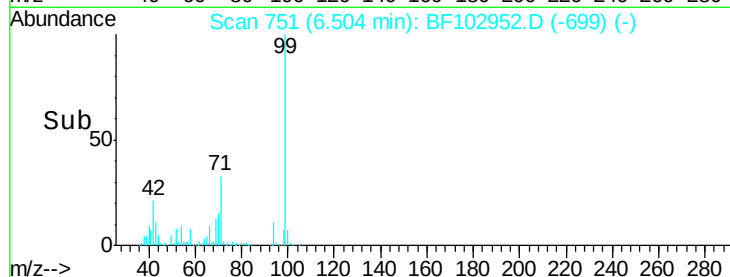
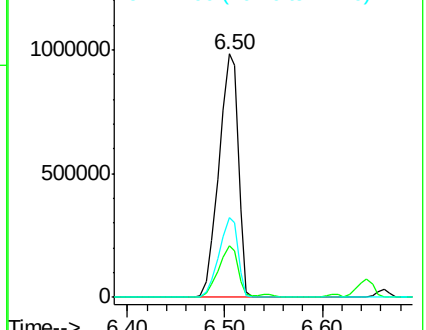
99 100

42 21.0 14.5 21.7

71 32.6 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: 38.864 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

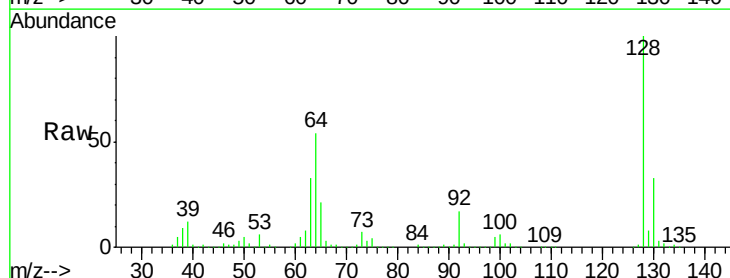
Tgt Ion:128 Resp: 584937

Ion Ratio Lower Upper

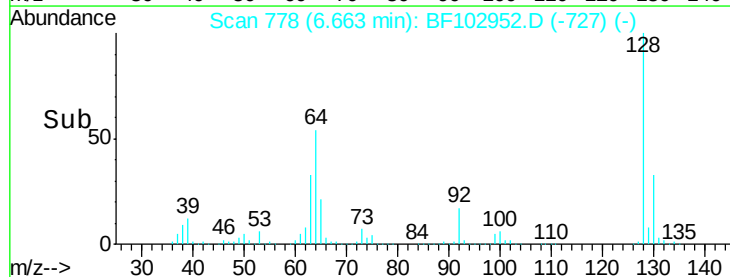
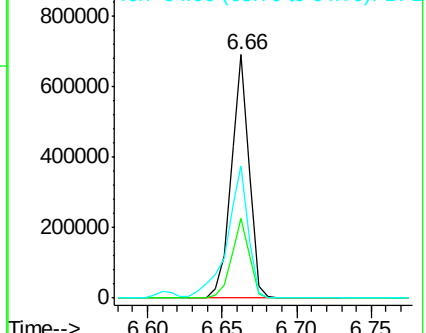
128 100

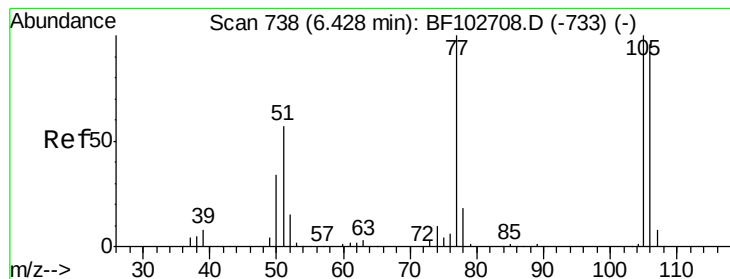
130 32.9 13.0 53.0

64 54.2 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: 33.641 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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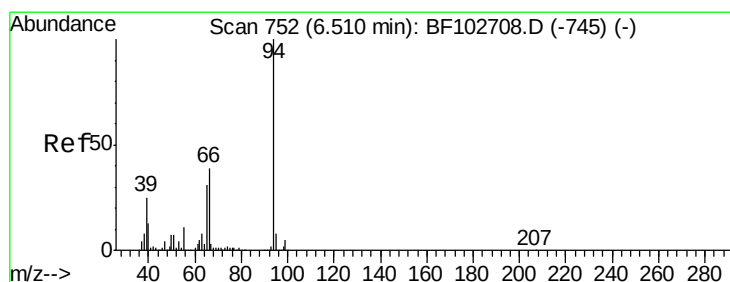
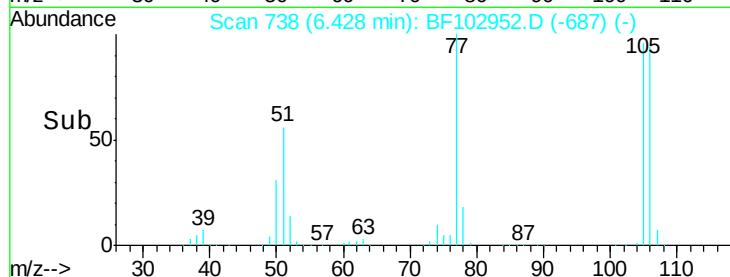
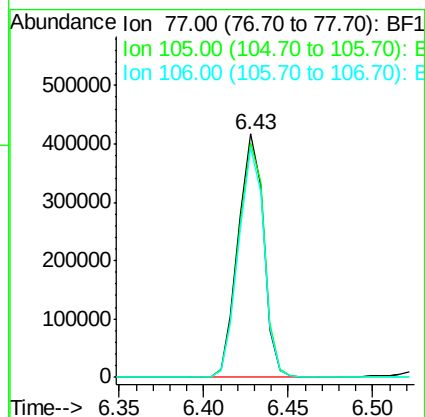
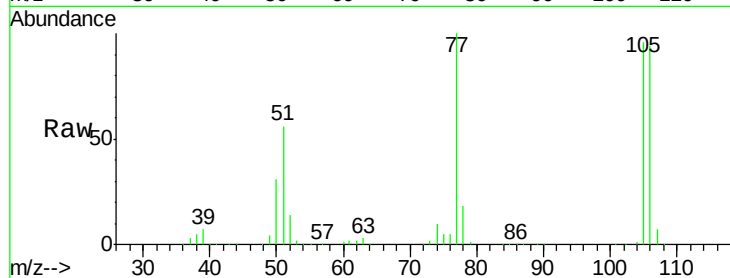
Tot Ion: 77 Resp: 439769

Ion Ratio Lower Upper

77 100

105 96.5 81.1 121.1

106 94.0 74.5 114.5



#10

Phenol

Concen: 41.927 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

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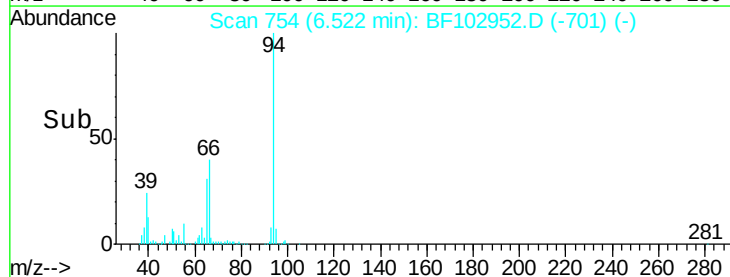
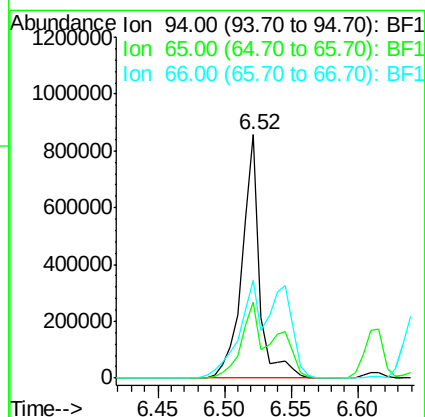
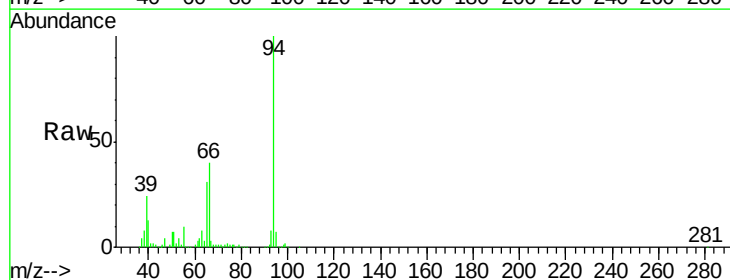
Tgt Ion: 94 Resp: 790937

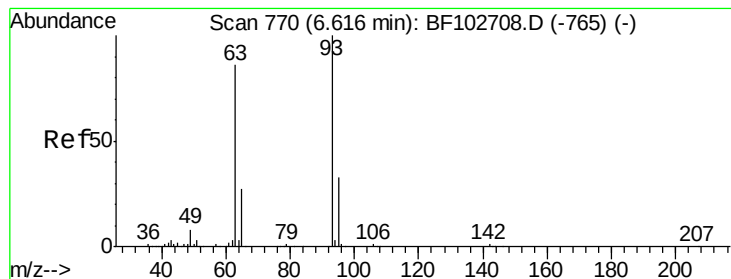
Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

66 40.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.837 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

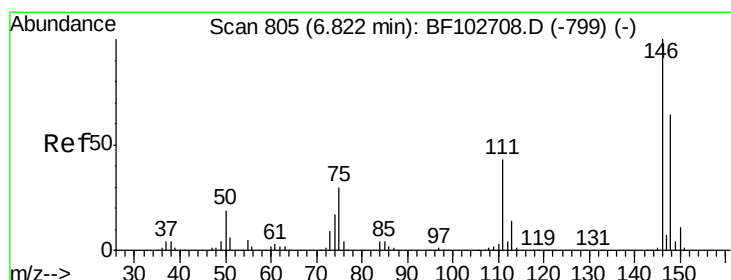
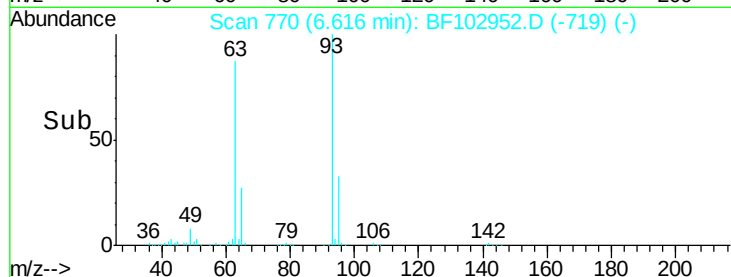
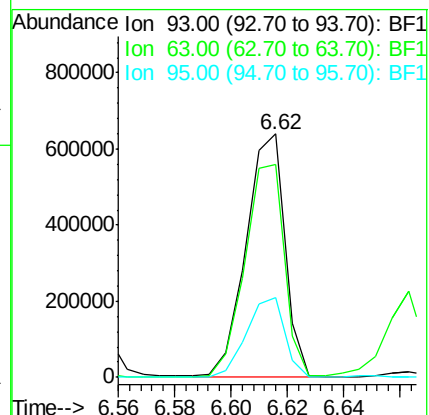
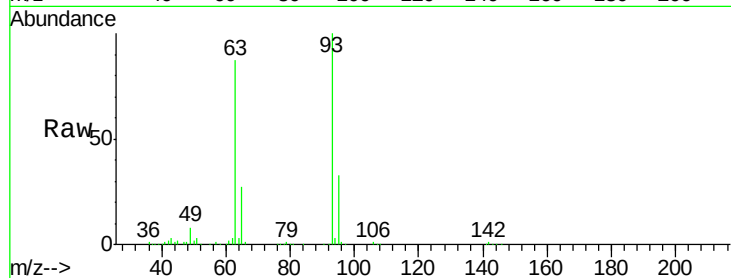
Tot Ion: 93 Resp: 609645

Ion Ratio Lower Upper

93 100

63 87.3 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.449 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

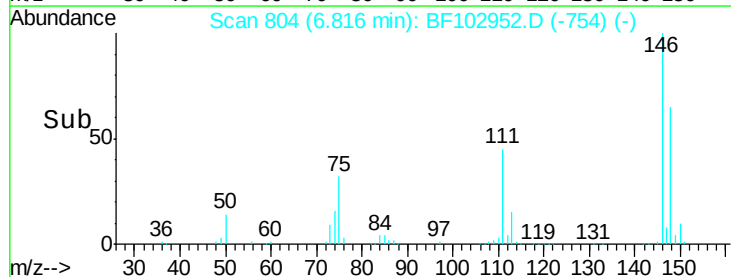
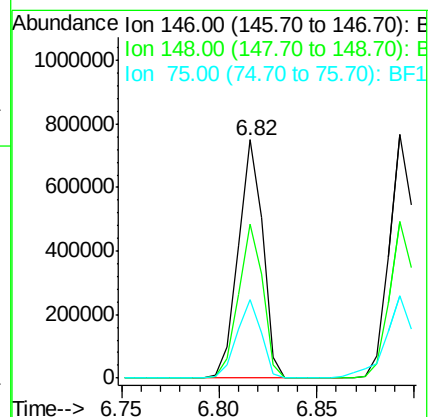
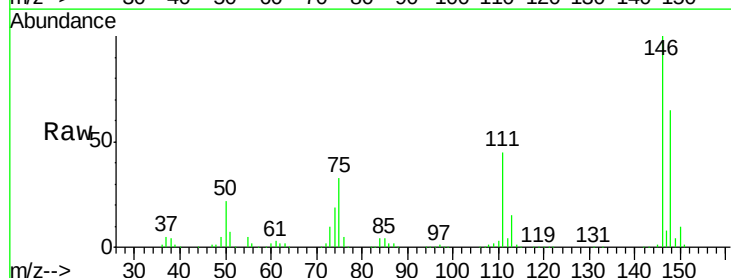
Tgt Ion: 146 Resp: 652691

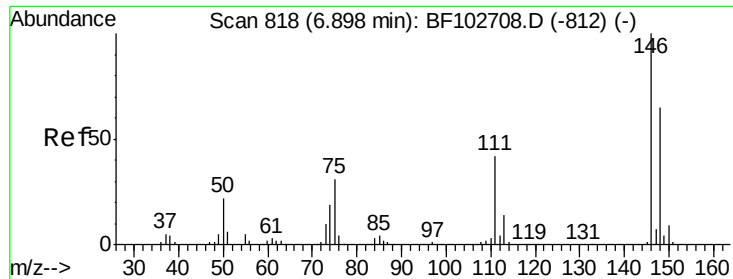
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

75 33.1 24.2 36.4

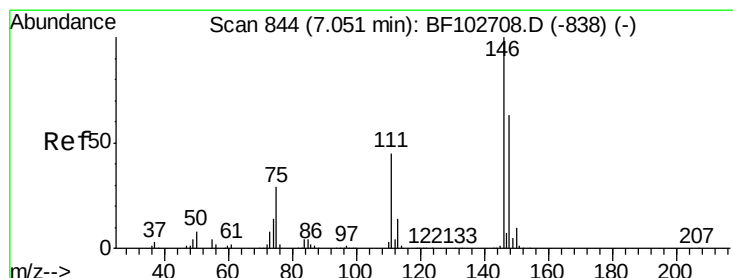
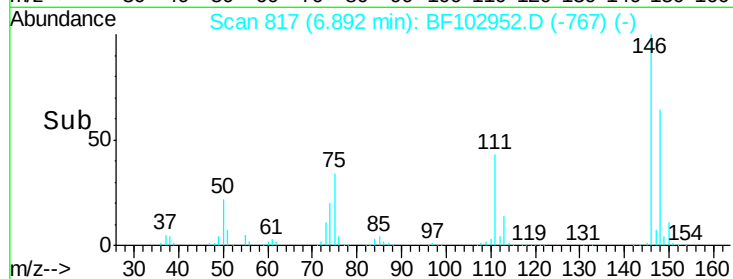
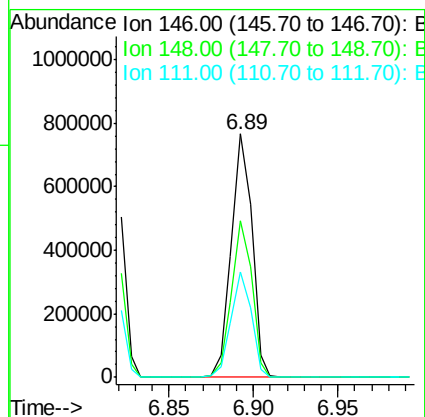
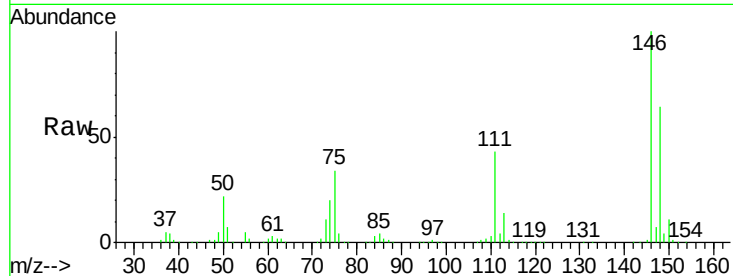




#13
 1,4-Dichlorobenzene
 Concen: 37.474 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

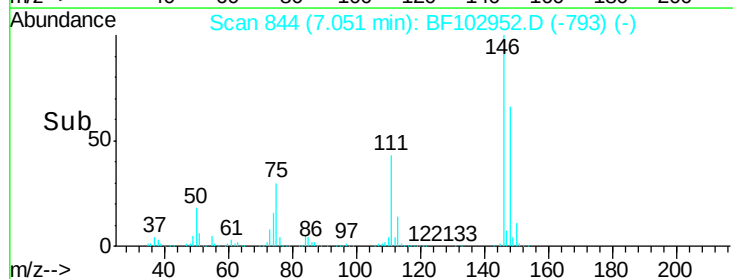
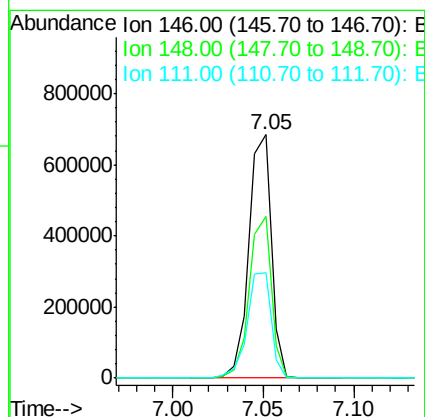
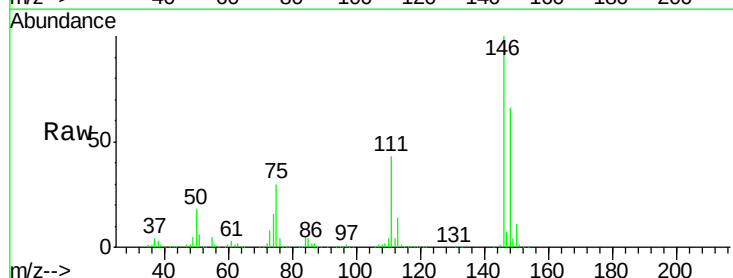
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

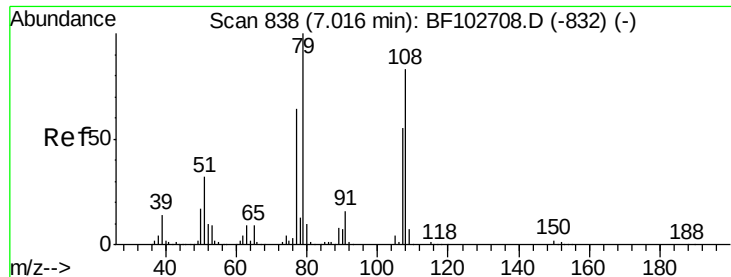
Tot Ion:146 Resp: 650615
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 43.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.490 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:146 Resp: 590074
 Ion Ratio Lower Upper
 146 100
 148 66.3 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.454 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

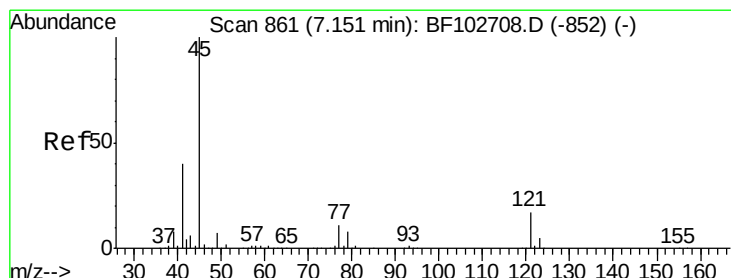
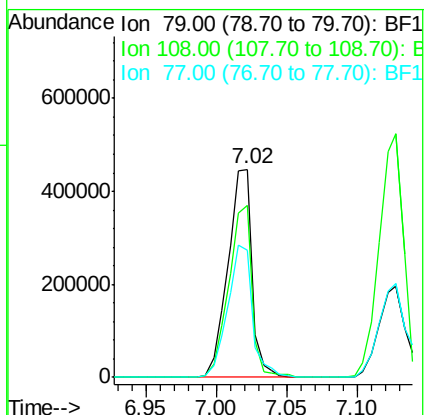
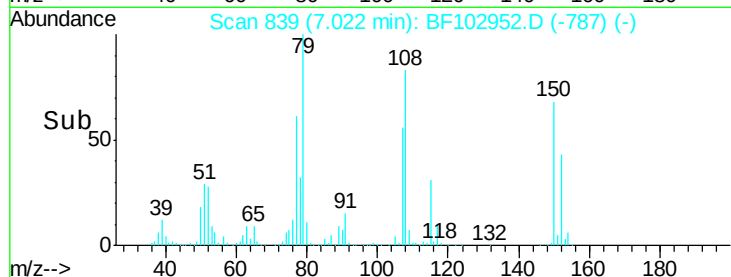
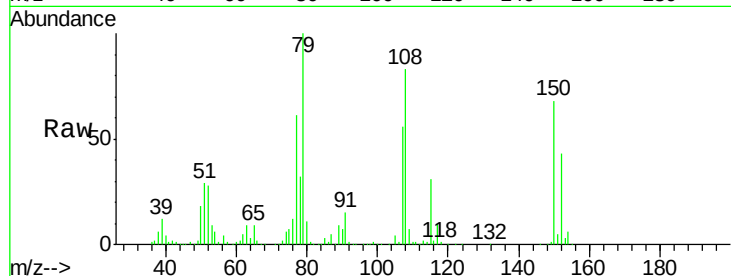
Tot Ion: 79 Resp: 533949

Ion Ratio Lower Upper

79 100

108 82.5 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.575 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

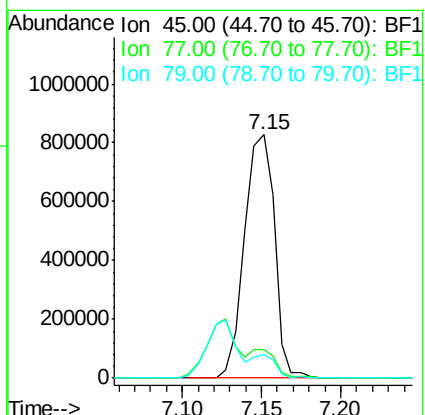
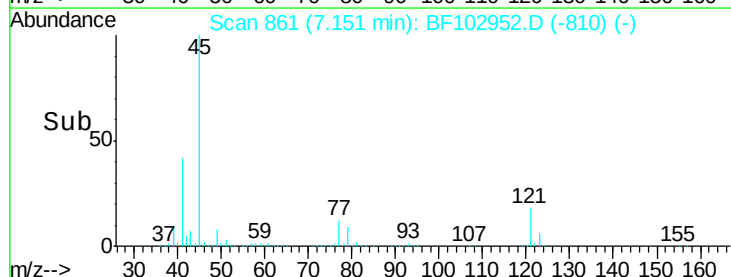
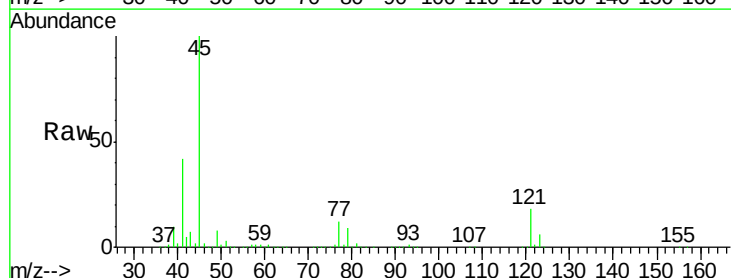
Tgt Ion: 45 Resp: 1090627

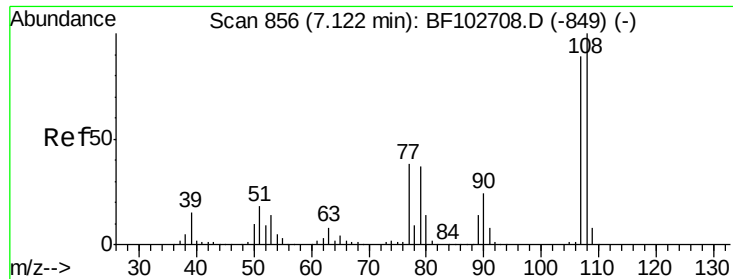
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.9

79 9.4 0.0 29.6

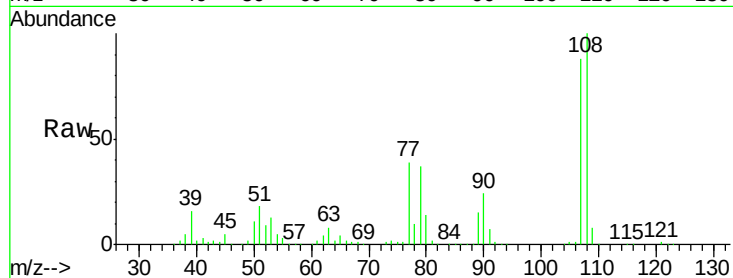




#17
2-Methylphenol
Concen: 39.217 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	44.0	33.8	50.8
79	42.5	33.8	50.8



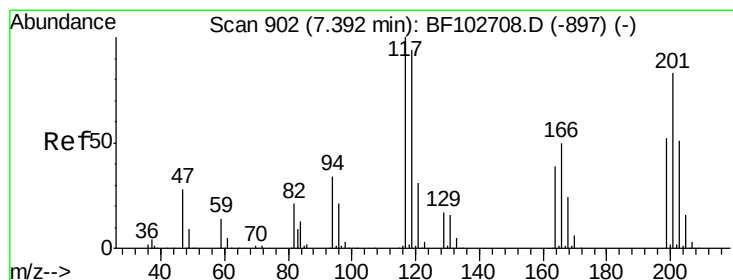
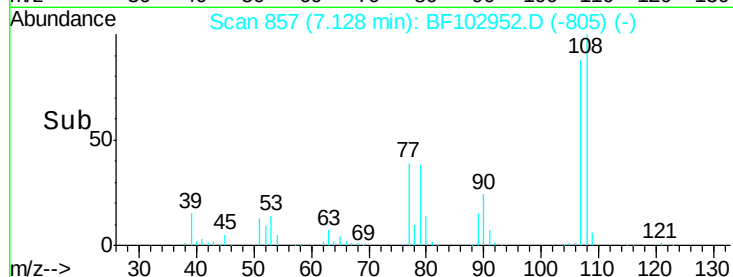
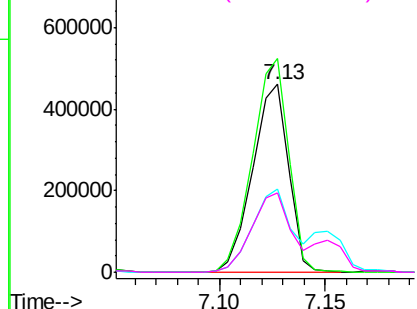
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

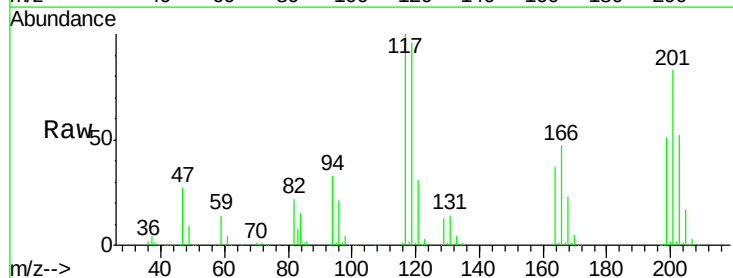
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.027 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	82.8	75.7	113.5

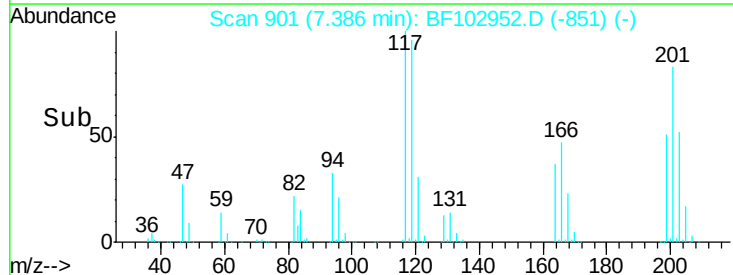
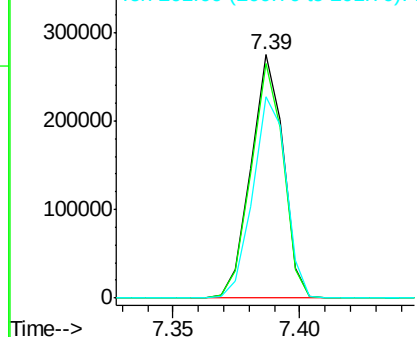


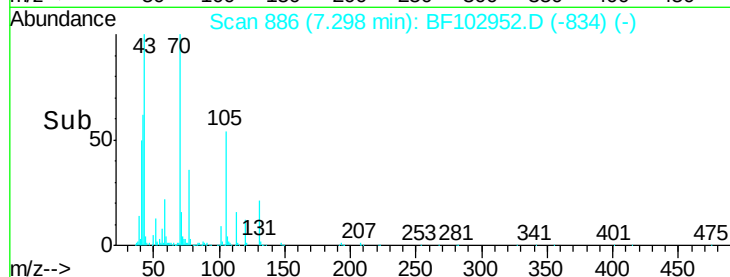
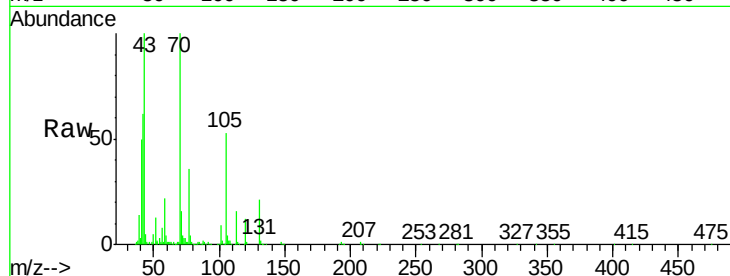
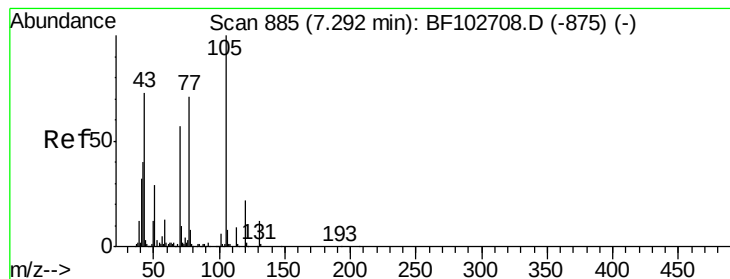
Abundance

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: 37.745 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 438058

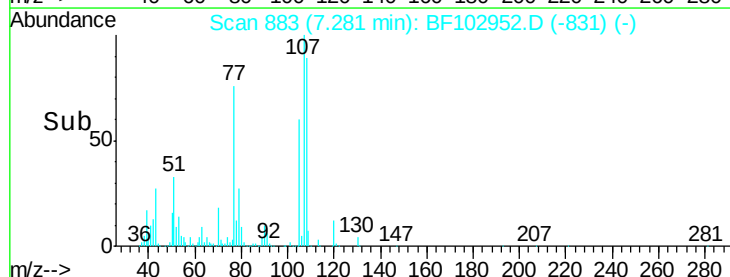
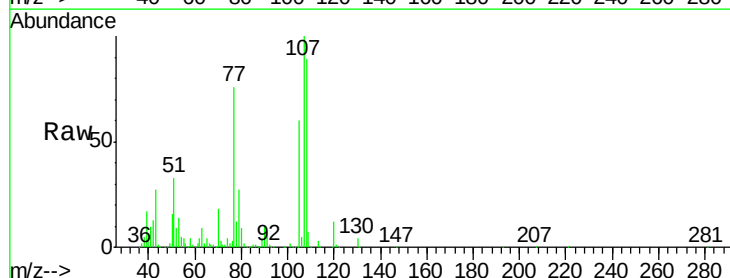
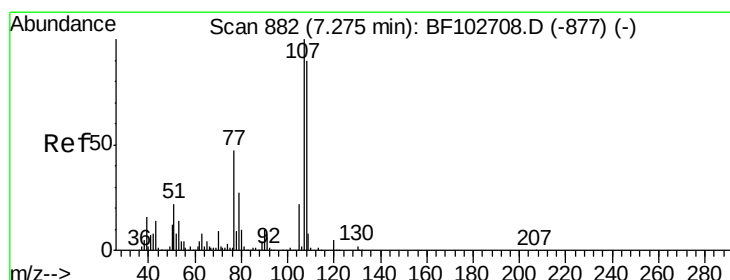
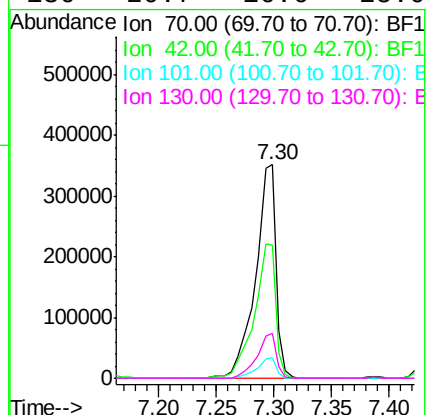
Ion Ratio Lower Upper

70 100

42 62.4 47.5 71.3

101 9.4 7.4 11.2

130 20.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 36.361 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Tgt Ion: 107 Resp: 622516

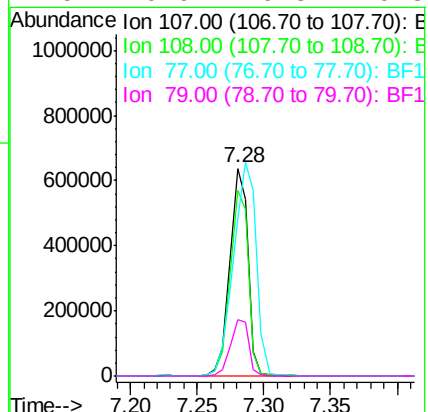
Ion Ratio Lower Upper

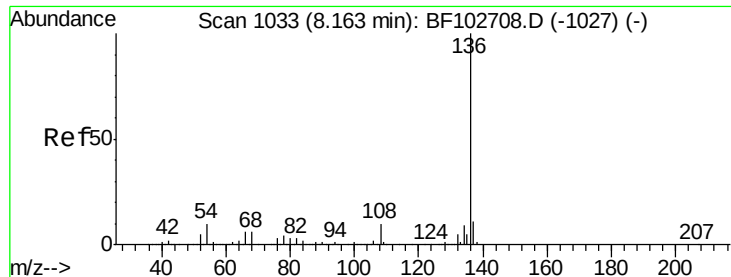
107 100

108 89.1 68.2 108.2

77 75.5 26.7 66.7#

79 26.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 928667

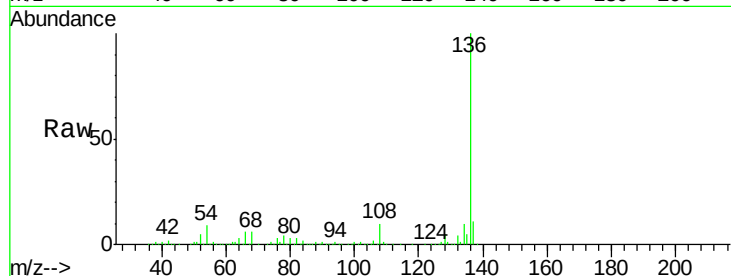
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

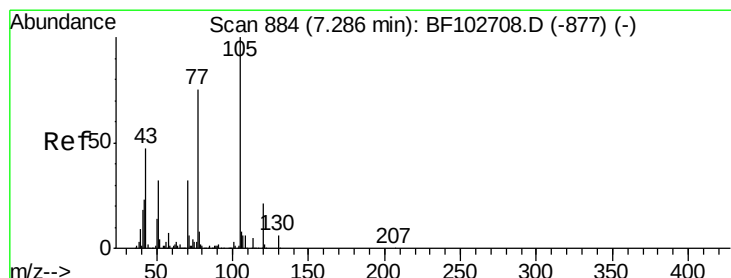
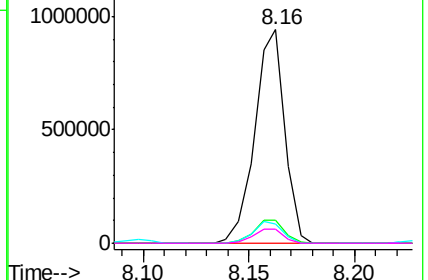
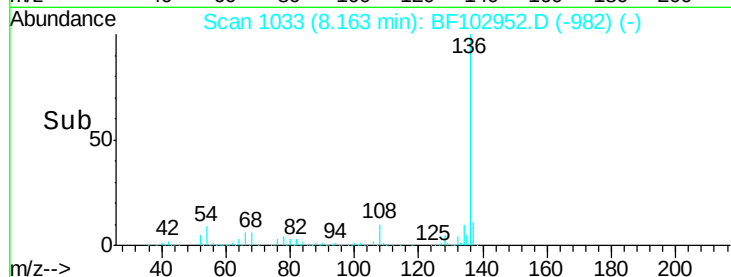


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.226 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Tgt Ion:105 Resp: 800515

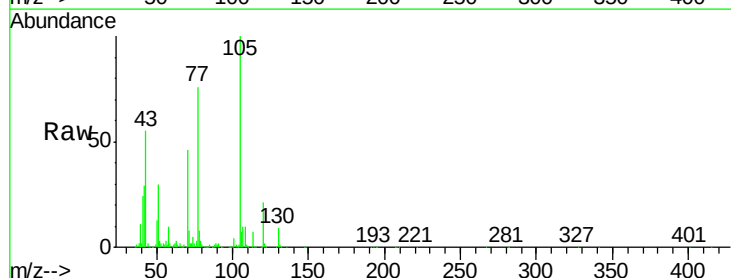
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 29.6 22.3 33.5

120 21.3 16.9 25.3

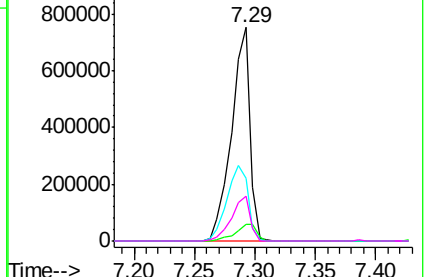
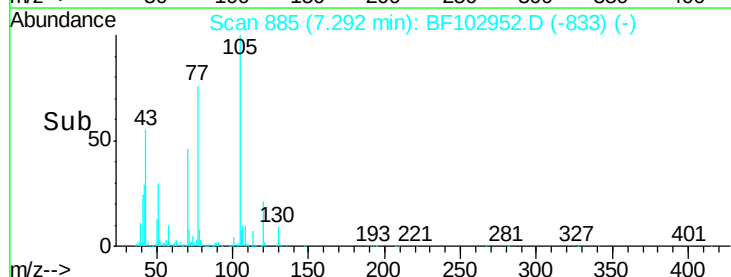


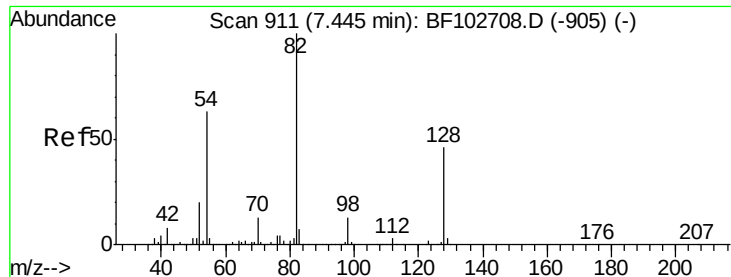
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

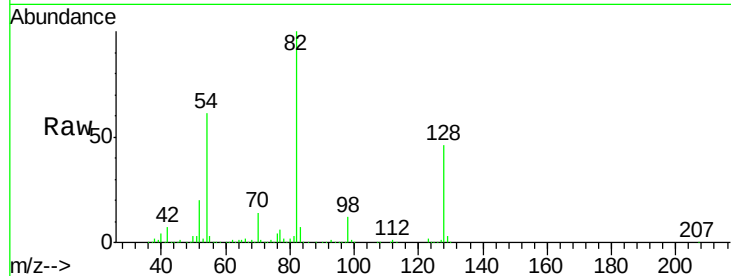




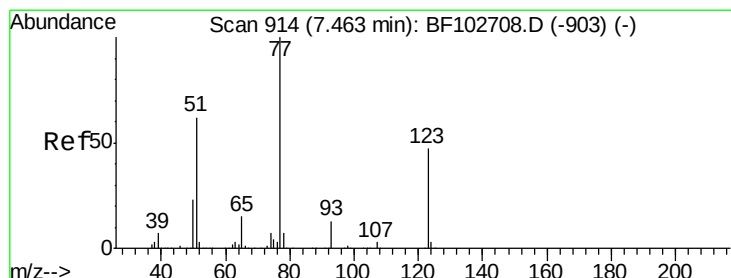
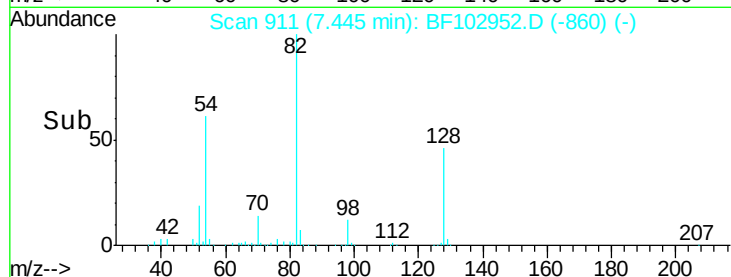
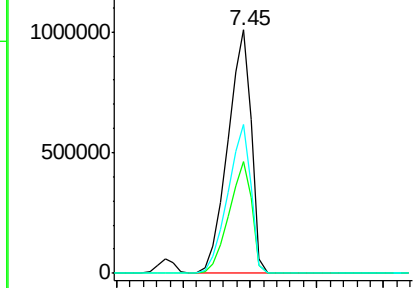
#23
 Nitrobenzene-d5
 Concen: 92.958 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1244434
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 61.0 41.4 62.2

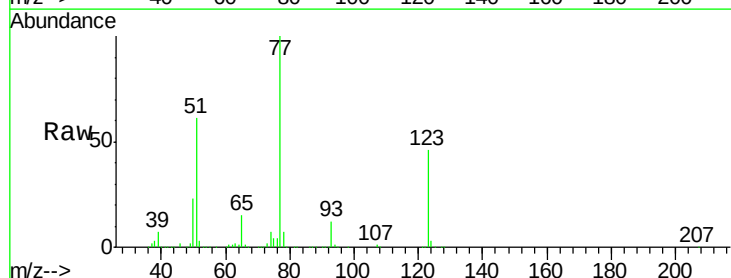


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

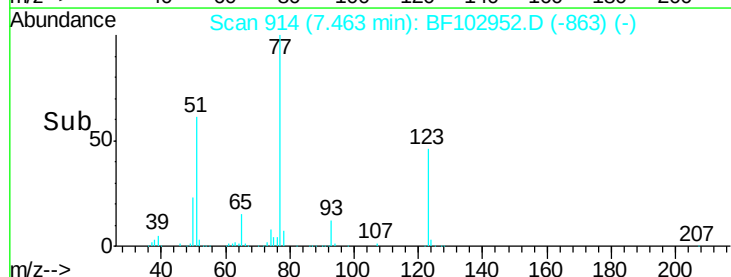
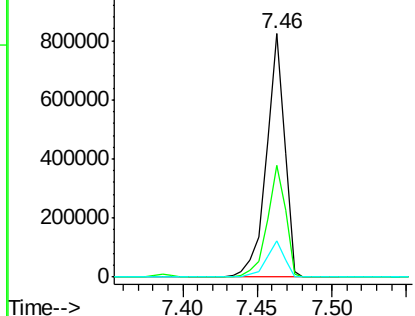


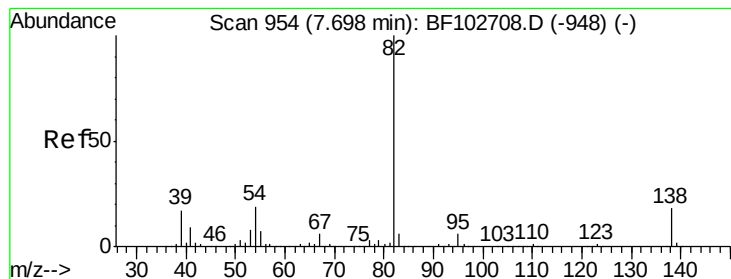
#24
 Nitrobenzene
 Concen: 43.359 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion: 77 Resp: 682808
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 14.8 11.0 16.4



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





#25

Isophorone

Concen: 40.164 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

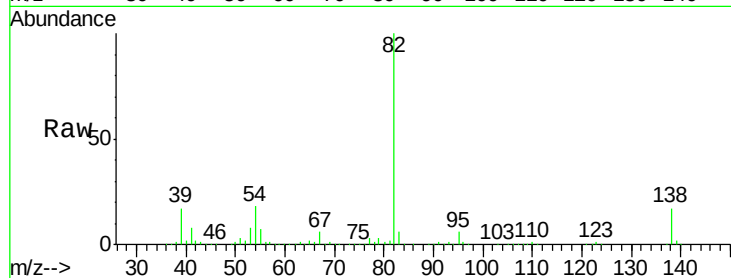
Tot Ion: 82 Resp: 1238093

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

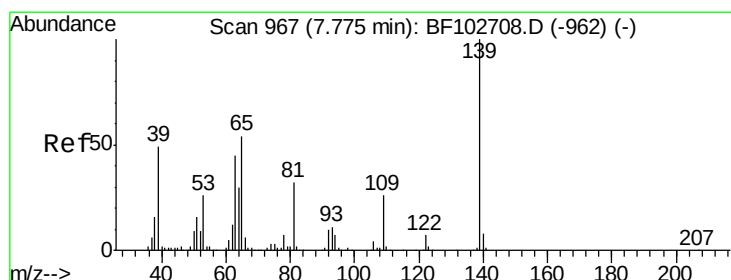
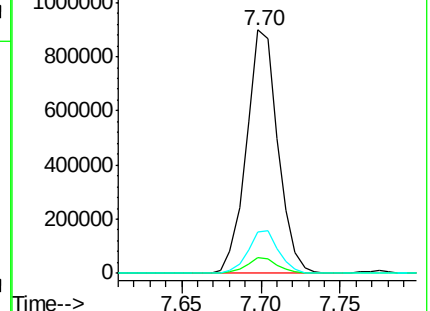
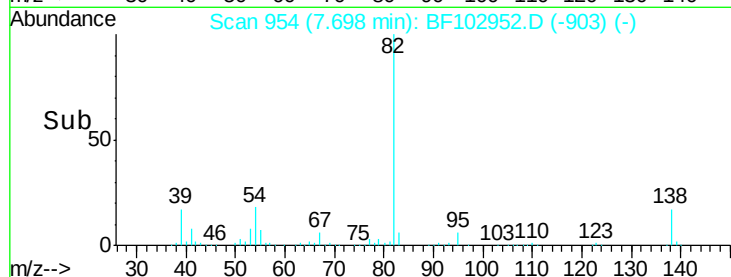
138 17.1 14.9 22.3



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: 51.248 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

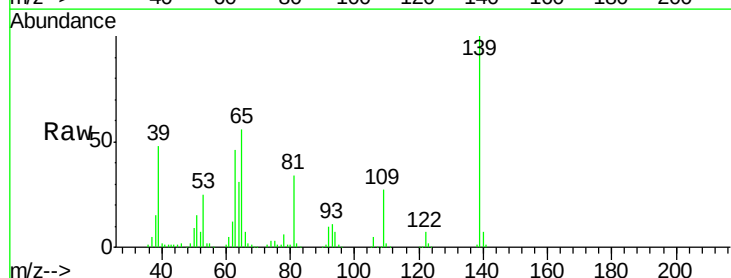
Tgt Ion: 139 Resp: 336173

Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

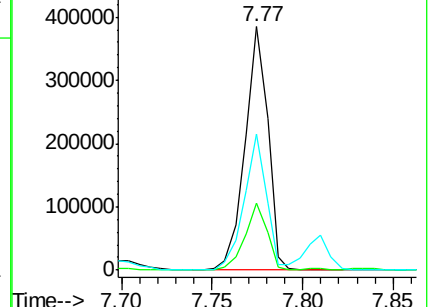
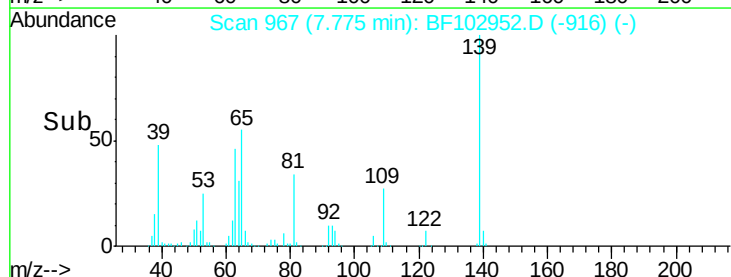
65 56.0 40.5 60.7

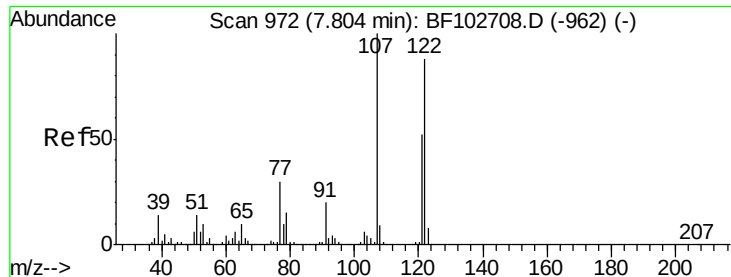


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.146 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

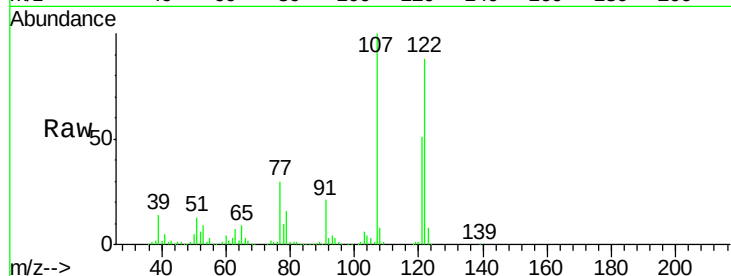
Tot Ion:122 Resp: 509804

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

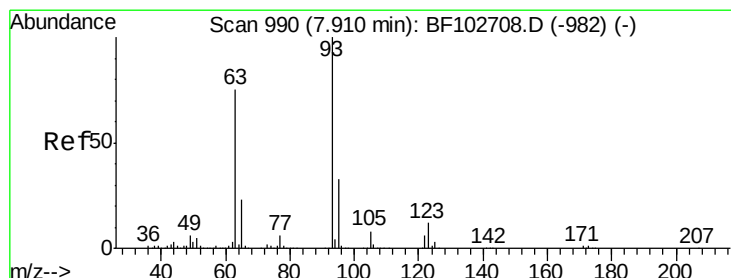
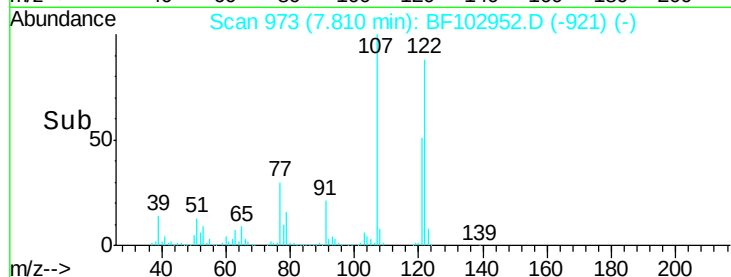
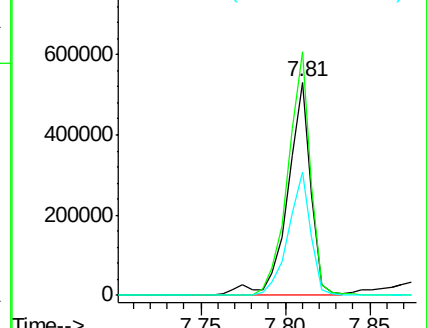
121 57.9 47.2 70.8



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: 39.574 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

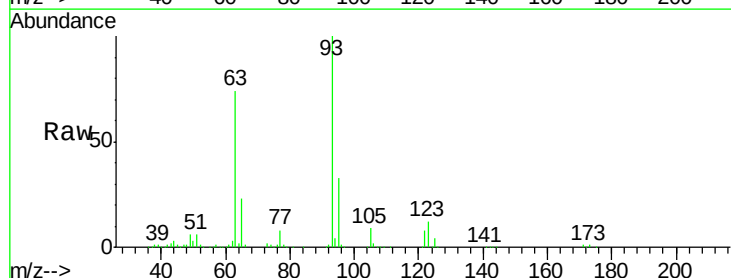
Tgt Ion: 93 Resp: 722653

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

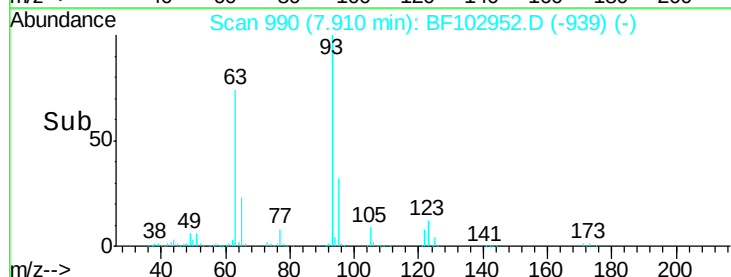
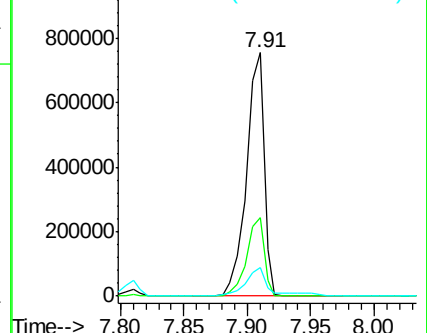
123 11.9 9.8 14.6

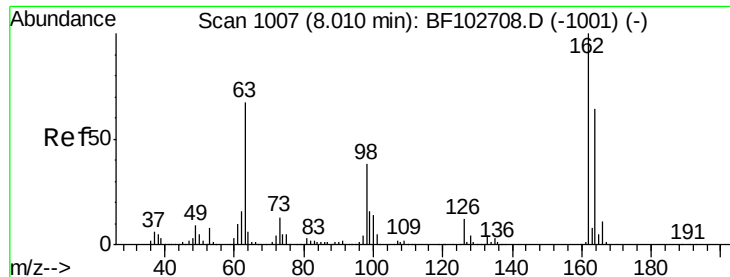


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

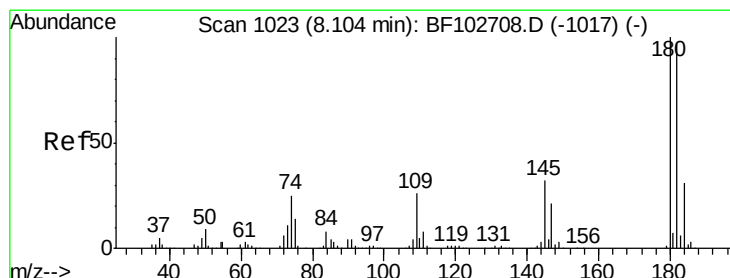
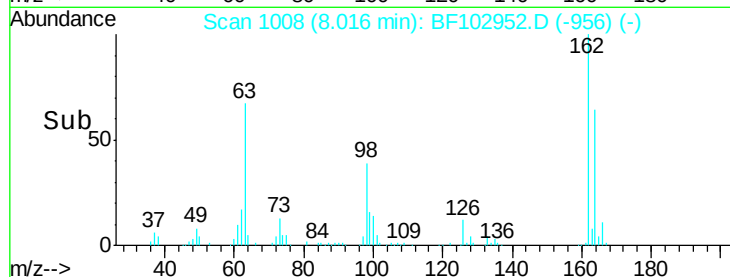
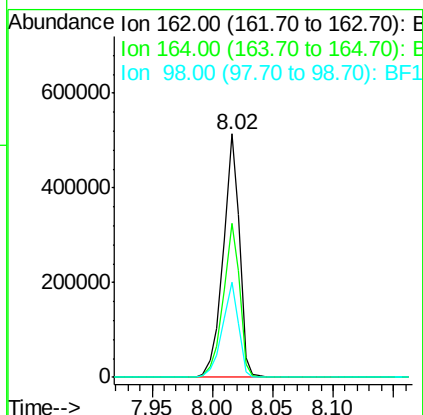
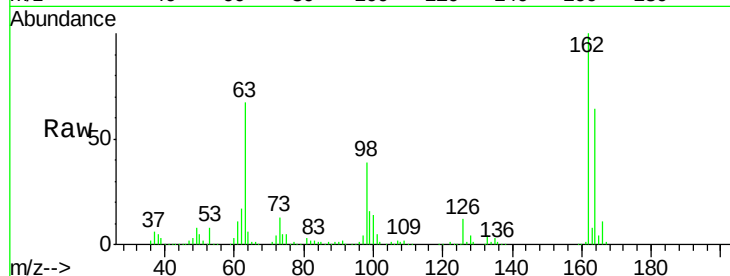




#29
2,4-Dichlorophenol
Concen: 40.330 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

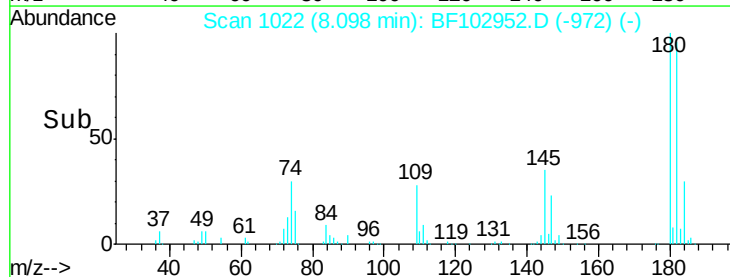
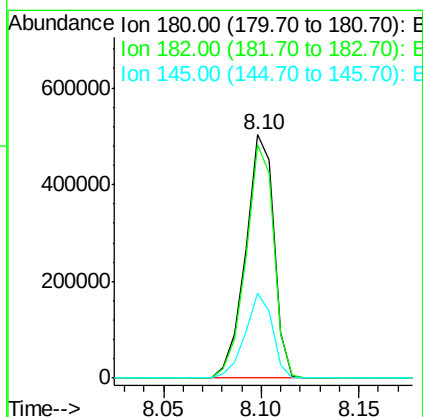
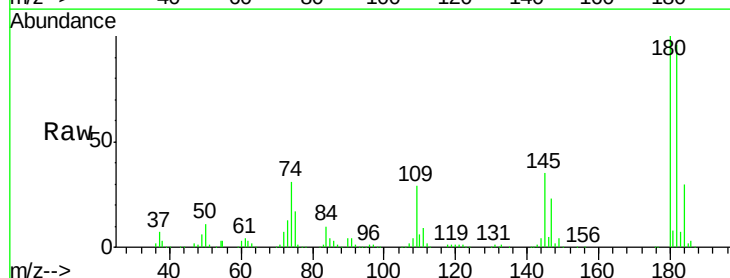
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

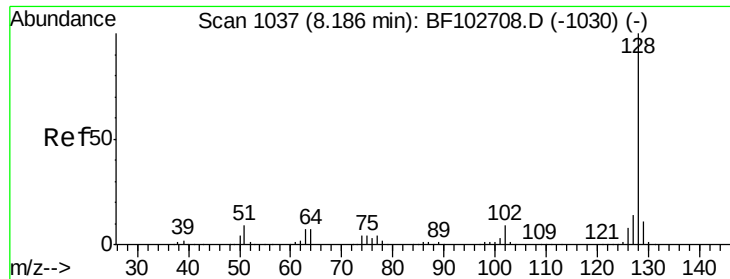
Tot Ion:162 Resp: 477466
Ion Ratio Lower Upper
162 100
164 63.5 42.7 82.7
98 39.0 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.718 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:180 Resp: 505160
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 35.1 26.5 39.7





#31

Naphthalene

Concen: 37.069 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

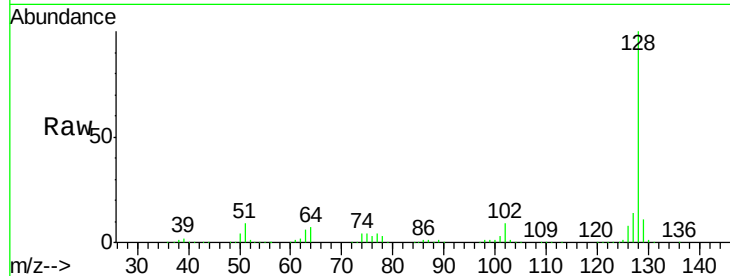
Tot Ion:128 Resp: 1681902

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

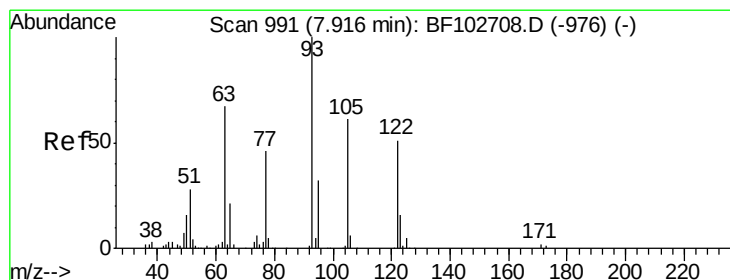
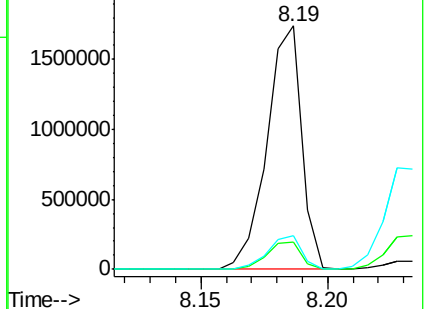
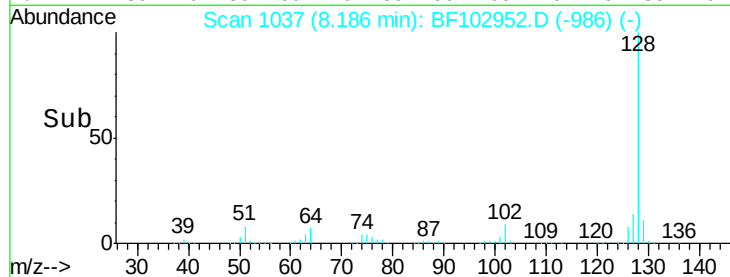
127 13.6 10.9 16.3



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: 49.034 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

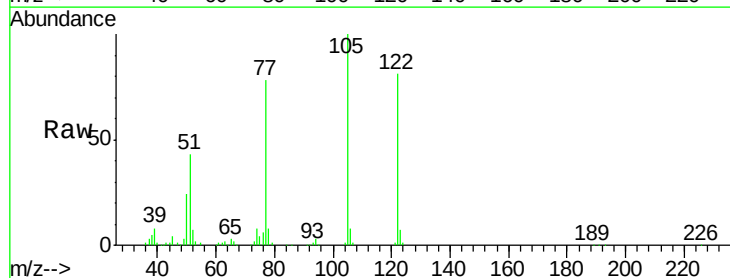
Tgt Ion:122 Resp: 454965

Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

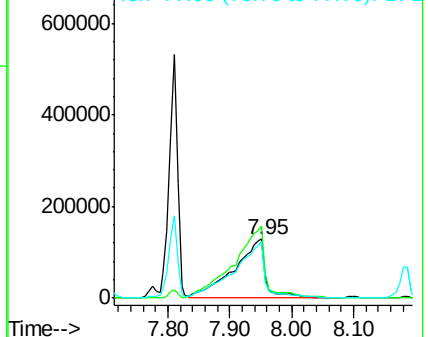
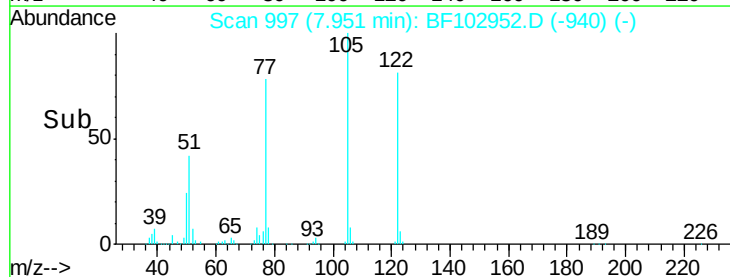
77 96.1 70.7 110.7

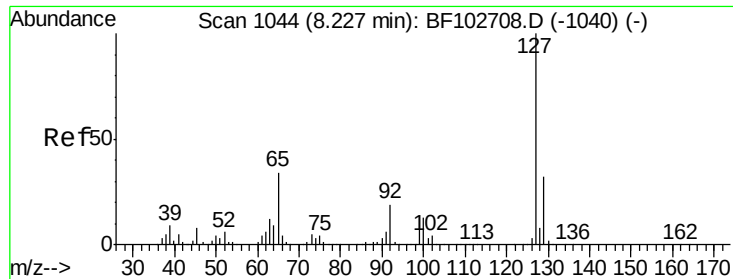


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

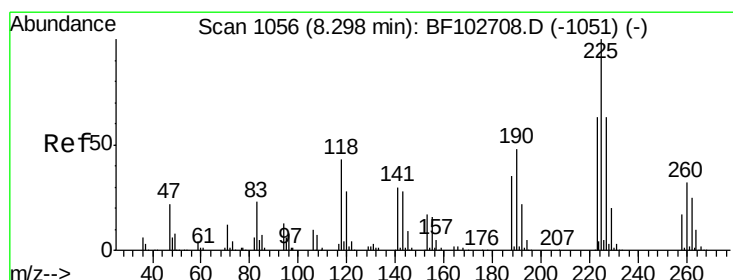
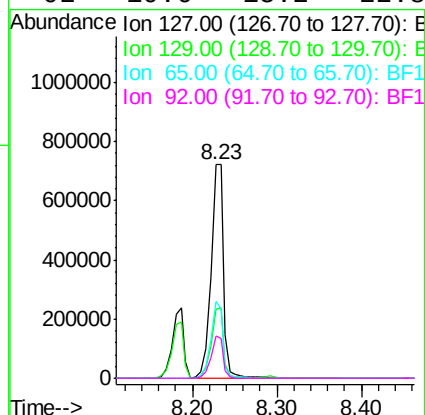
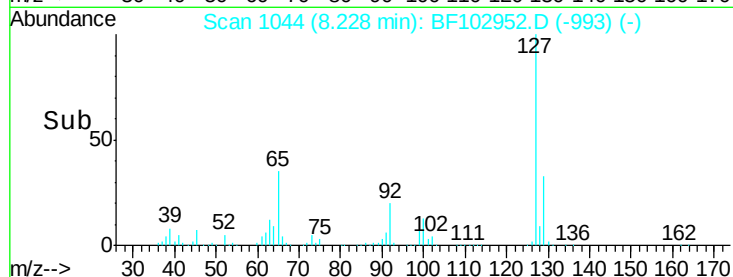
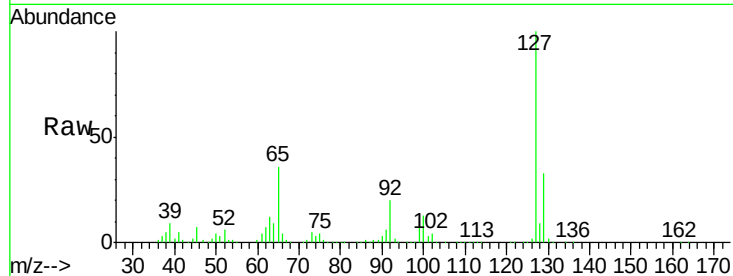




#33
4-Chloroaniline
Concen: 38.610 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

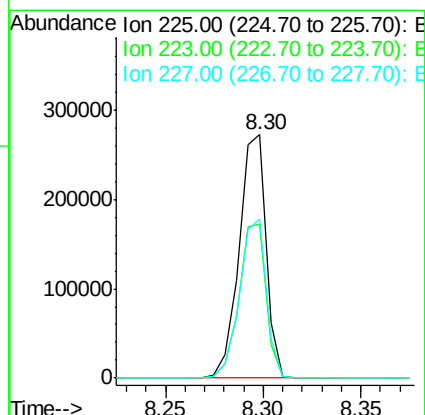
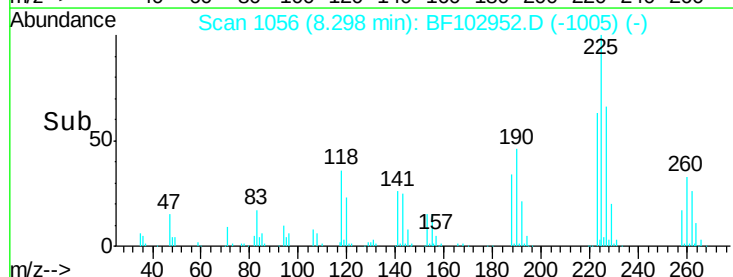
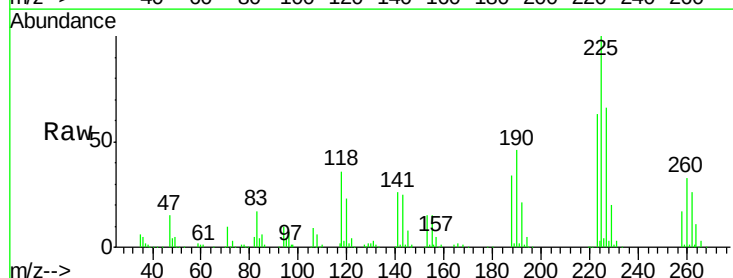
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

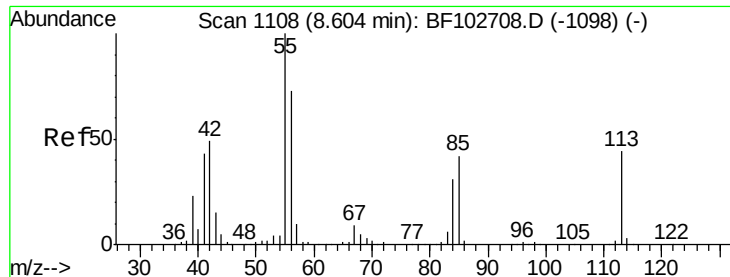
Tot Ion:	127	Resp:	754690
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	35.8	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.961 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:	225	Resp:	260524
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	65.6	51.9	77.9

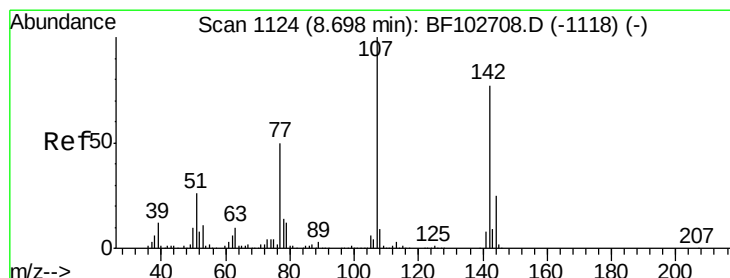
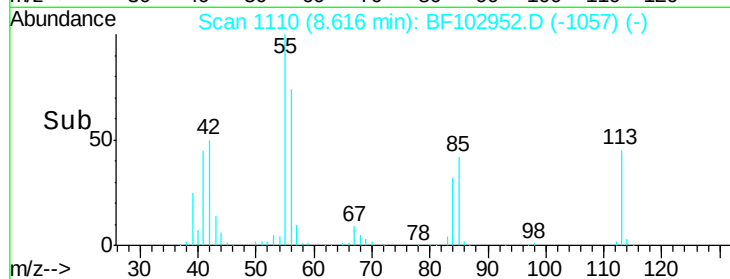
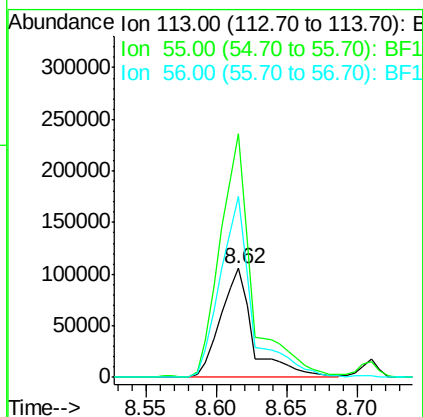
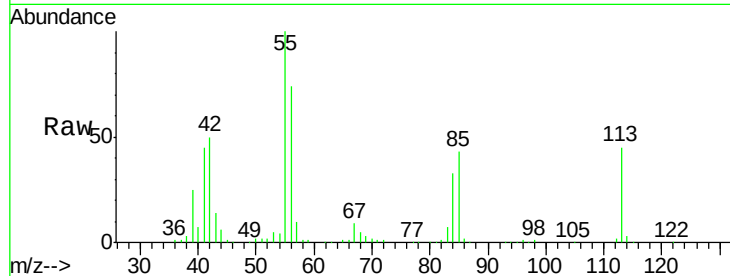




#35
 Caprolactam
 Concen: 41.457 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

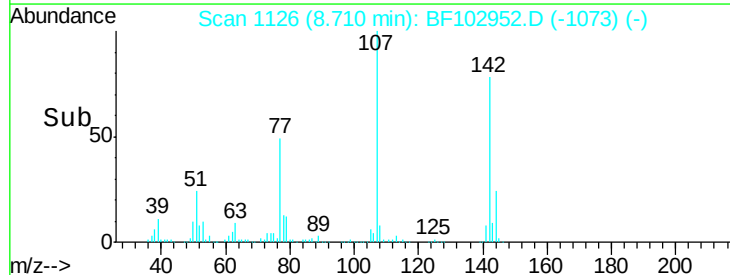
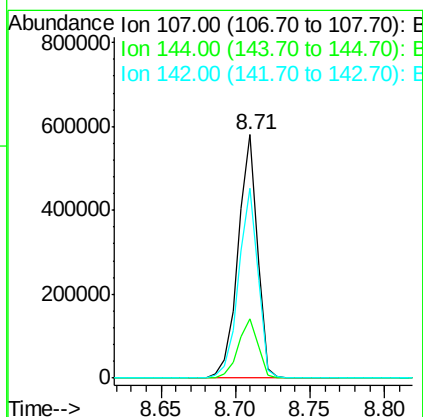
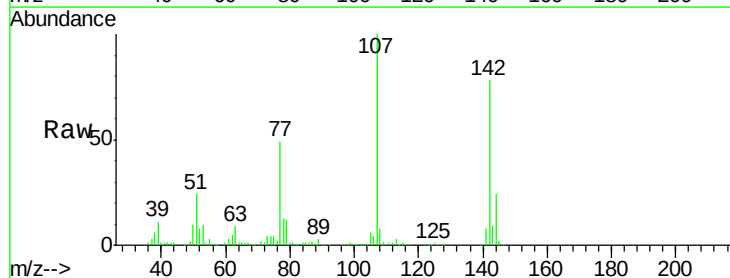
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

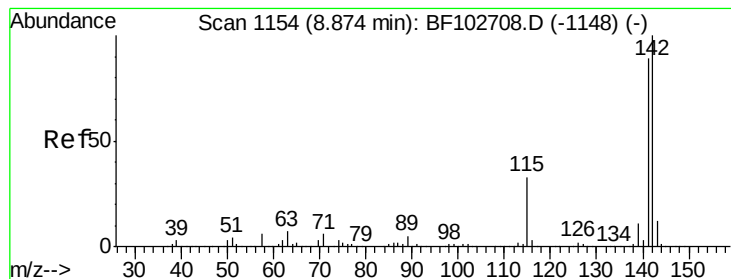
Tot Ion:113 Resp: 170453
 Ion Ratio Lower Upper
 113 100
 55 223.1 163.3 203.3#
 56 165.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.818 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:107 Resp: 529665
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 78.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.762 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

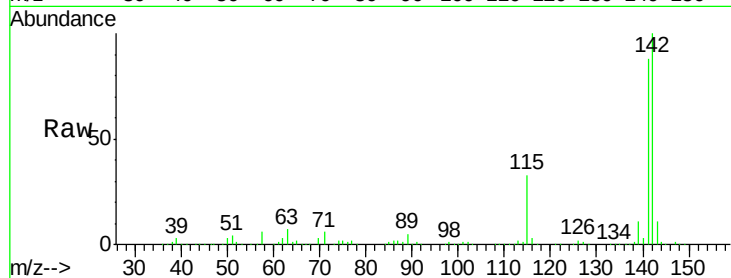
Tot Ion:142 Resp: 1092069

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2

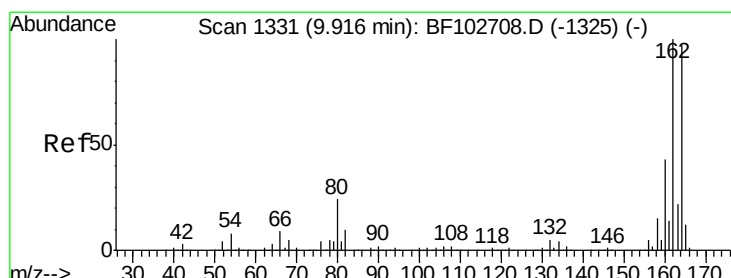
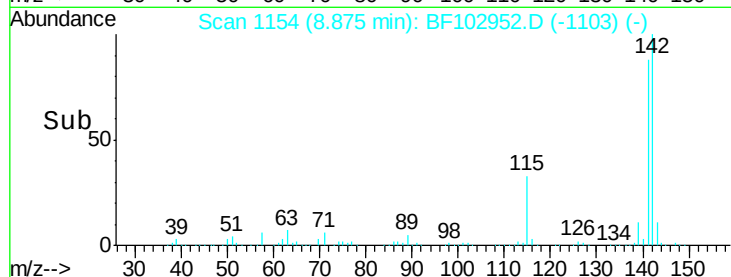
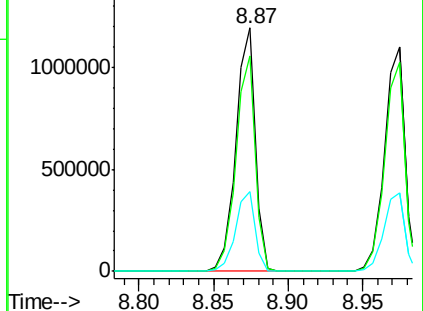
115 32.5 26.1 39.1



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: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

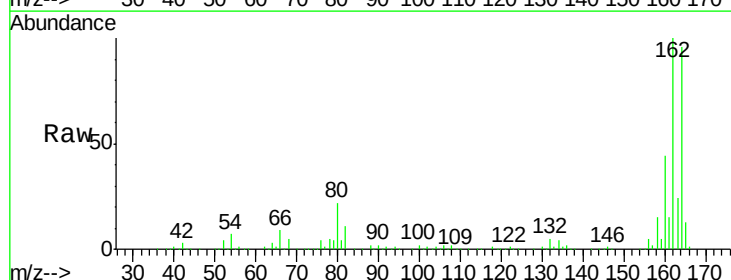
Tgt Ion:164 Resp: 419898

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

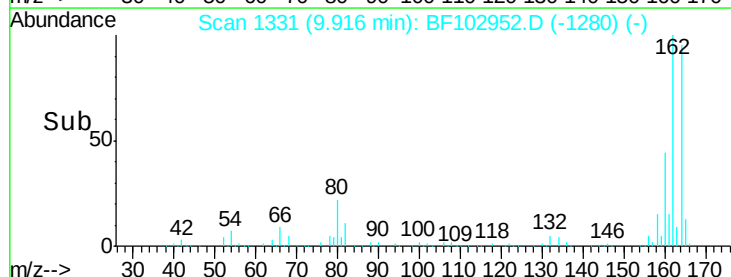
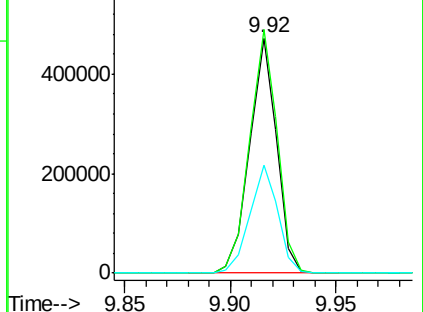
160 45.8 38.3 57.5

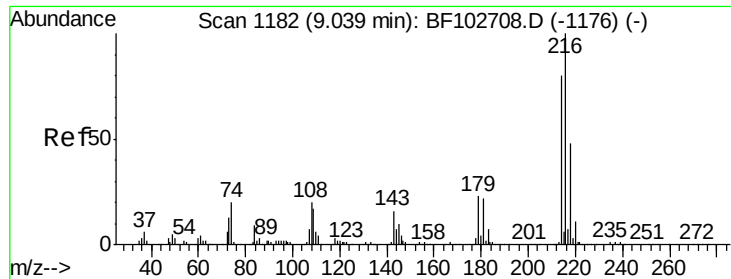


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

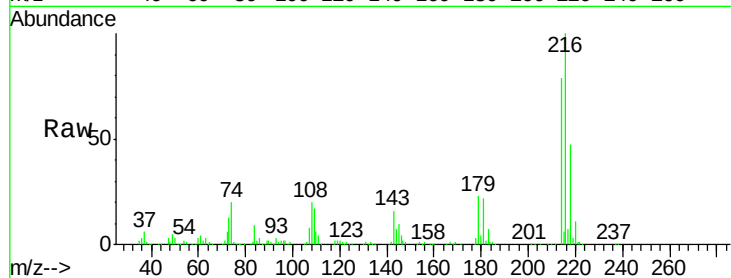




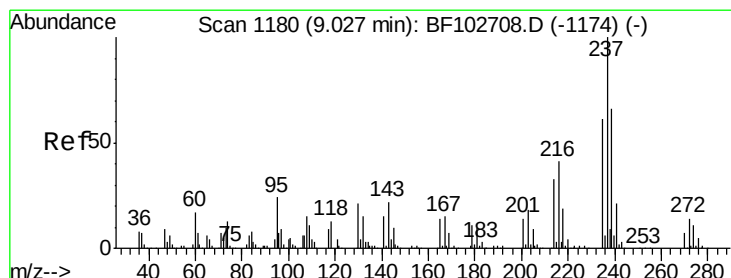
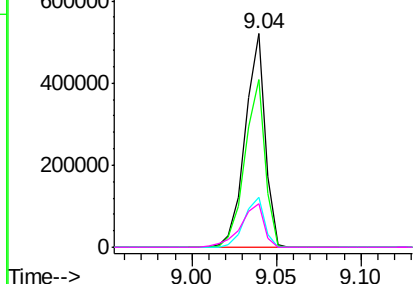
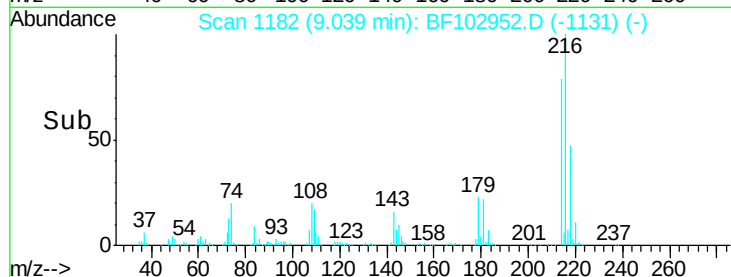
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.817 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	432370
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.0 94.4
179	23.5	18.1 27.1
108	23.5	17.2 25.8

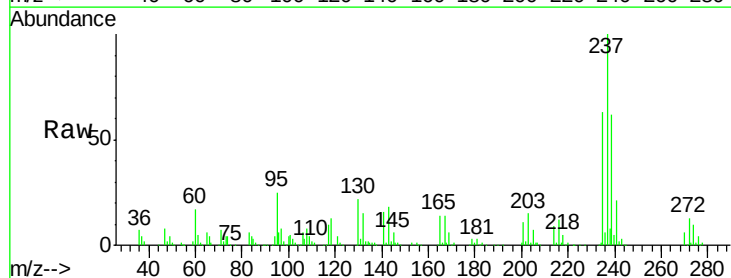


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

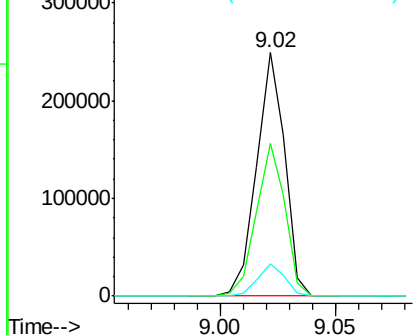
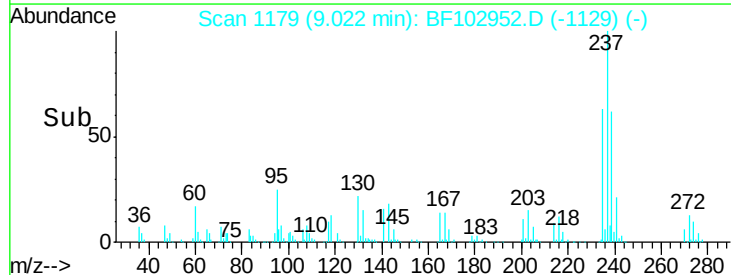


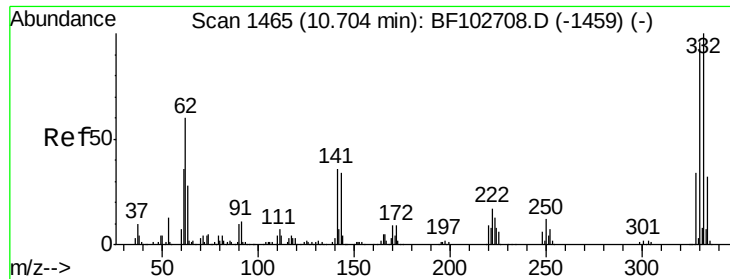
#40
 Hexachlorocyclopentadiene
 Concen: 39.051 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:237	Resp:	212246
Ion Ratio	Lower	Upper
237	100	
235	62.6	44.8 84.8
272	13.1	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

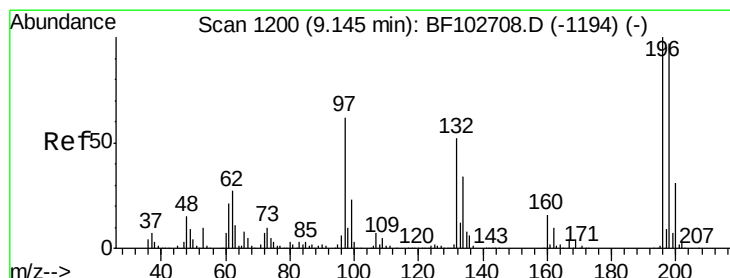
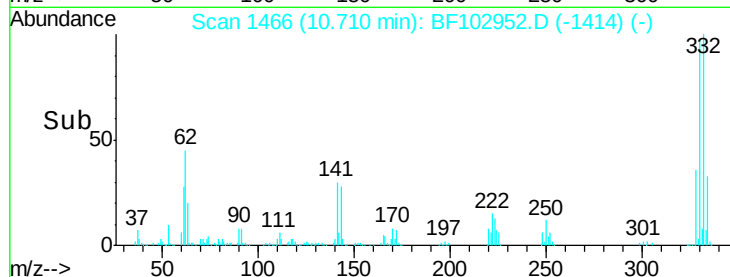
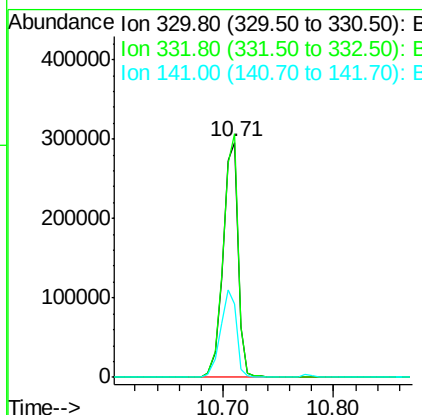
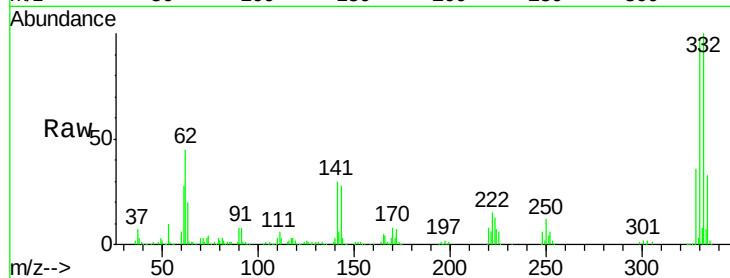




#41
 2,4,6-Tribromophenol
 Concen: 84.656 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

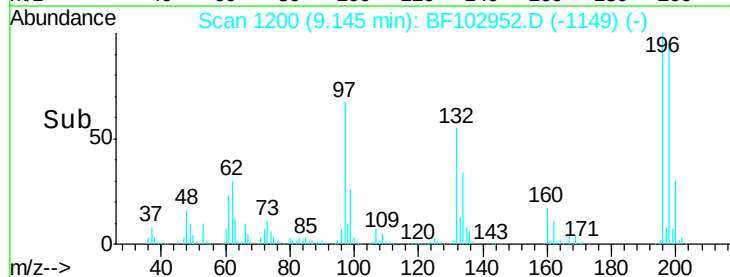
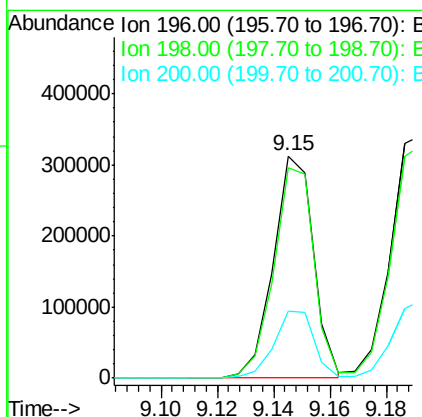
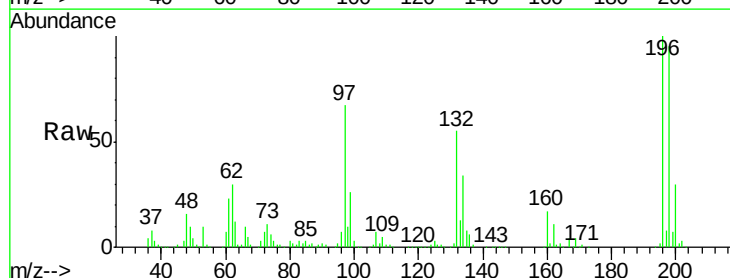
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

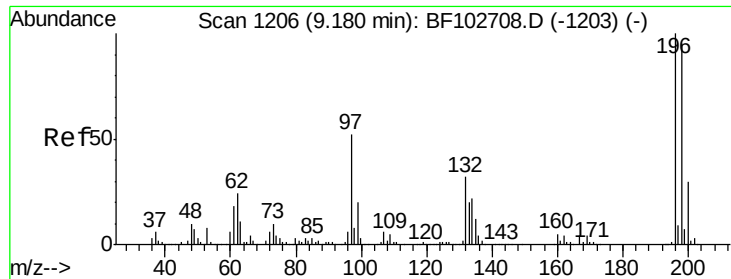
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	38.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.977 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.0	24.5	36.7

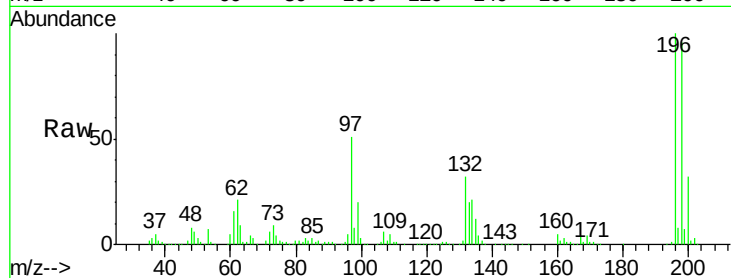




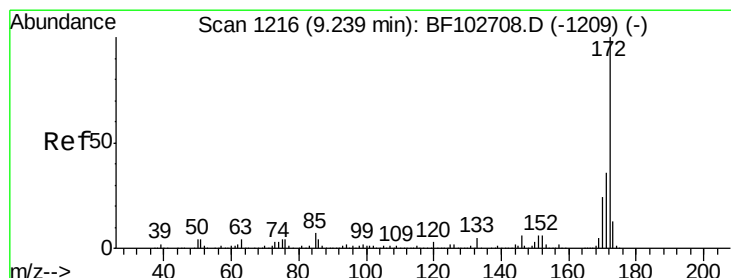
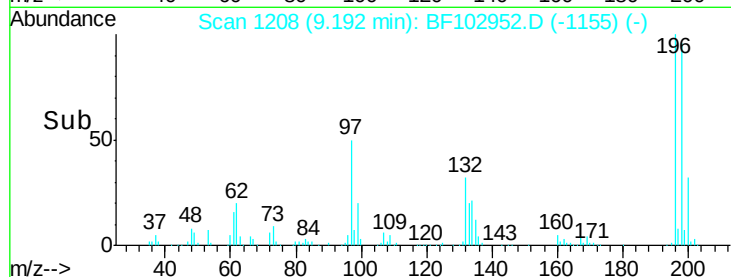
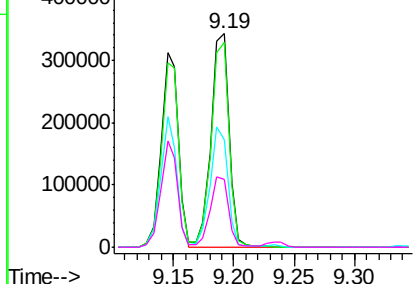
#43
 2,4,5-Trichlorophenol
 Concen: 41.765 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	50.6	42.9	64.3
132	31.9	26.3	39.5

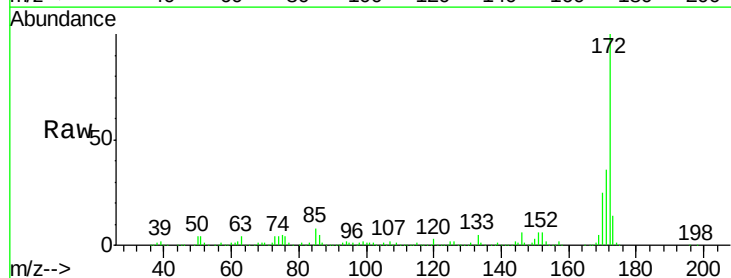


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

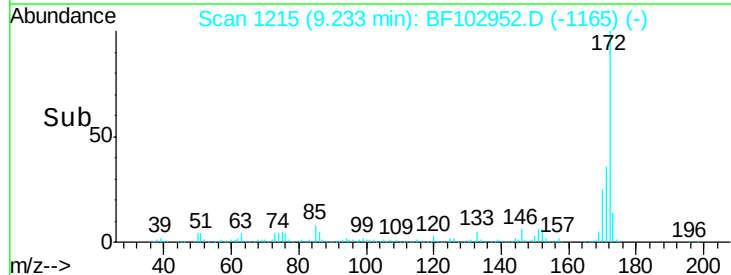
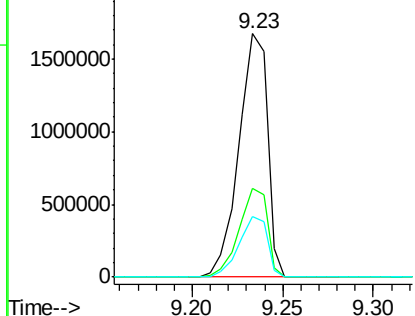


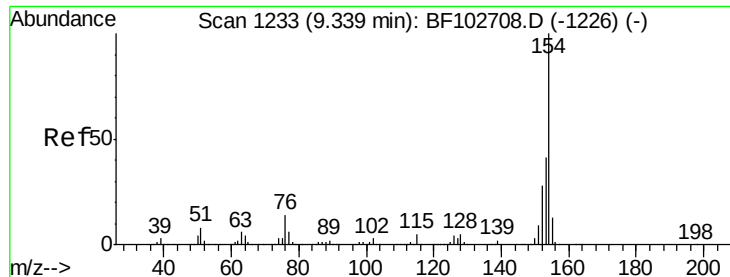
#44
 2-Fluorobiphenyl
 Concen: 72.548 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	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

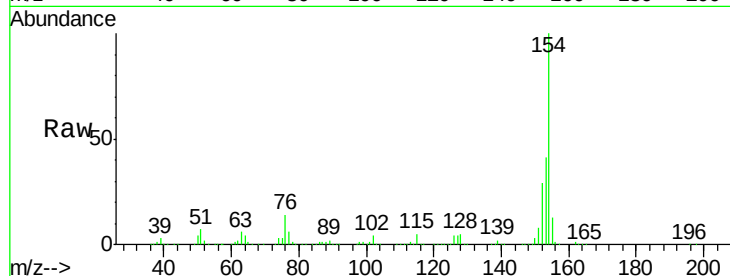




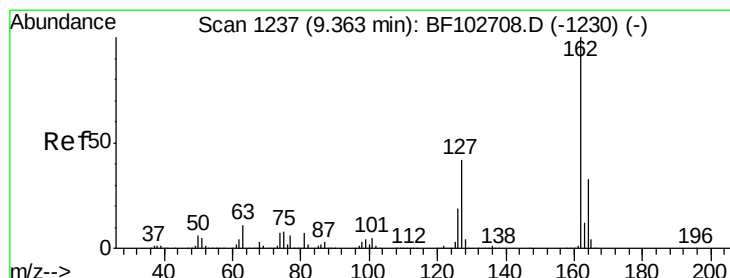
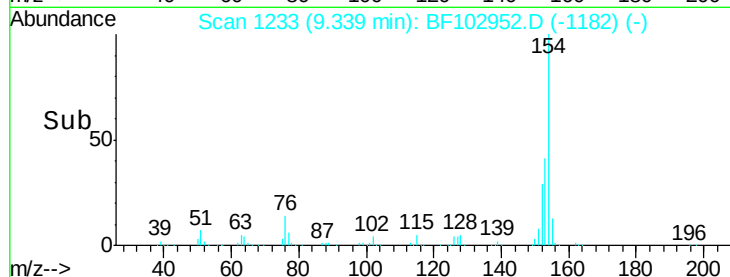
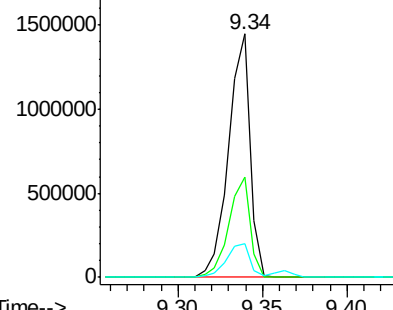
#45
 1,1'-Biphenyl
 Concen: 36.473 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1289942
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 13.6 0.0 34.0

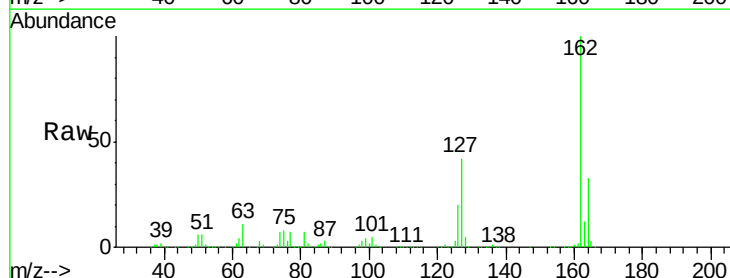


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

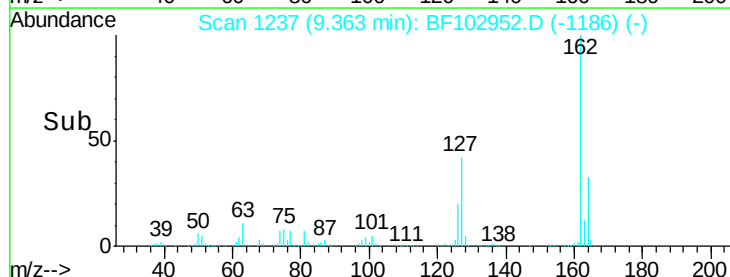
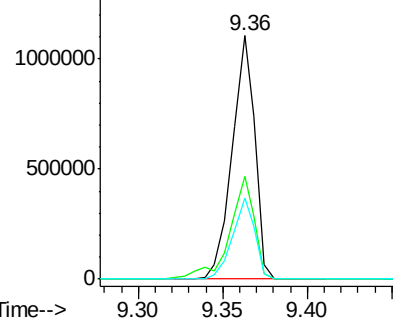


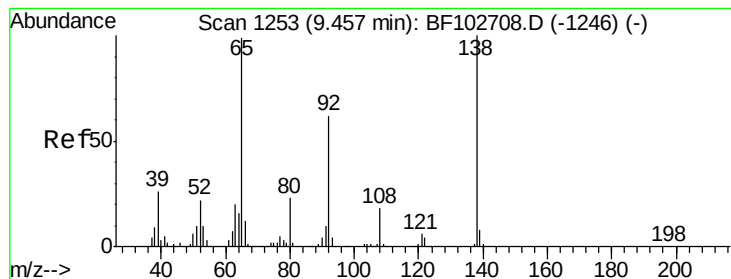
#46
 2-Chloronaphthalene
 Concen: 37.382 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:162 Resp: 1040824
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.9 50.9
 164 33.2 26.5 39.7



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





#47

2-Nitroaniline

Concen: 47.681 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

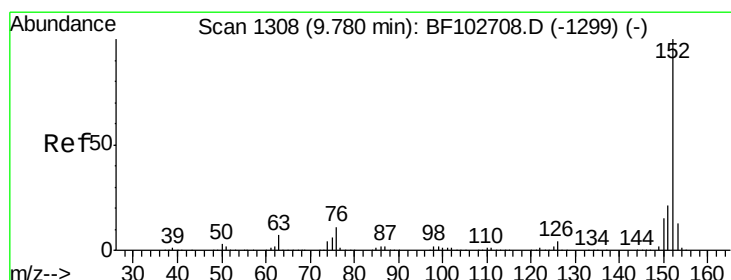
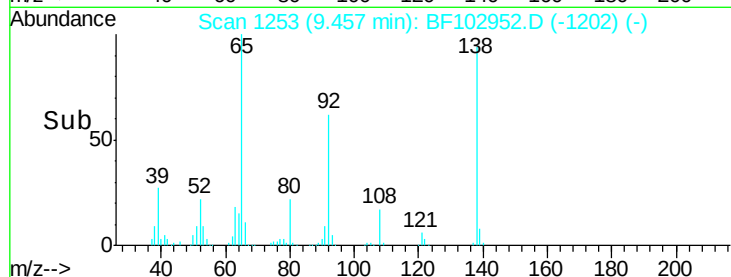
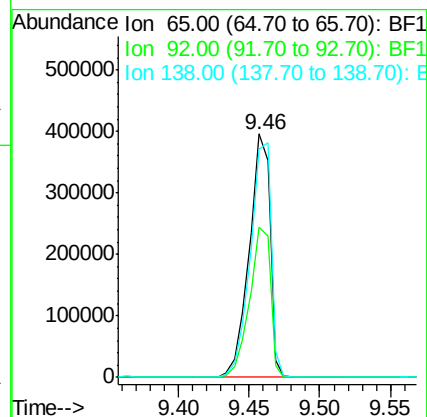
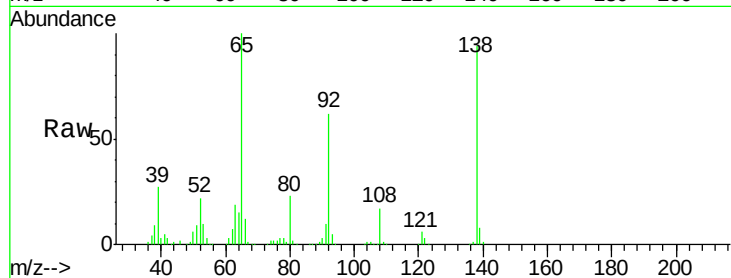
Tot Ion: 65 Resp: 409449

Ion Ratio Lower Upper

65 100

92 61.9 55.8 83.6

138 93.6 91.2 136.8



#48

Acenaphthylene

Concen: 36.606 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

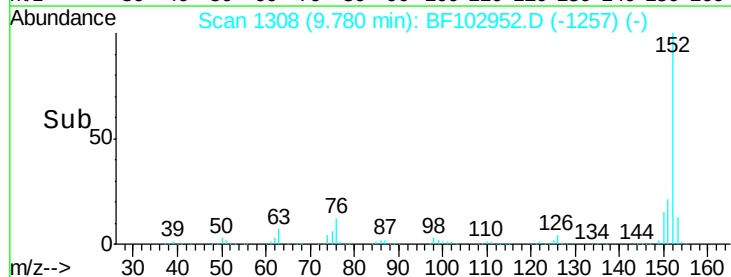
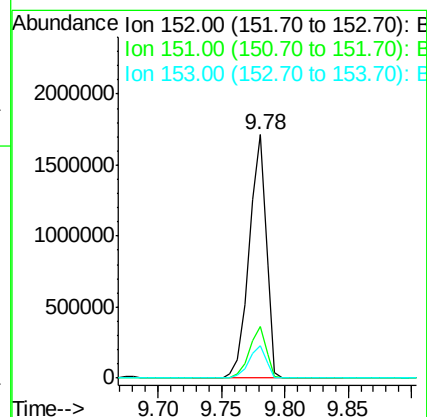
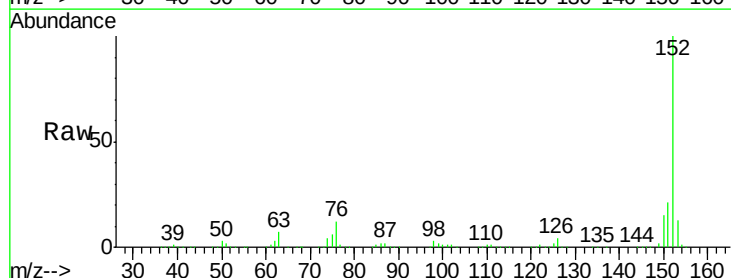
Tgt Ion: 152 Resp: 1583042

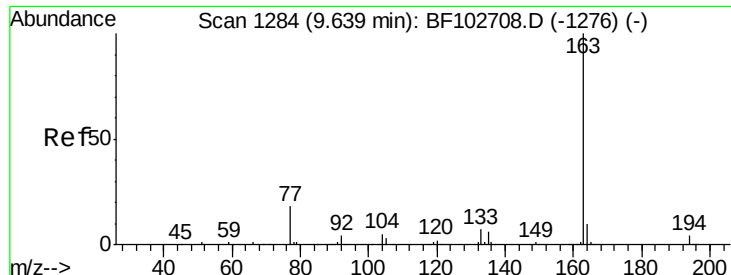
Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 13.3 10.7 16.1

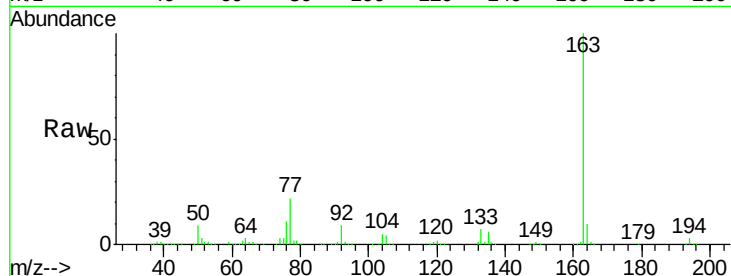




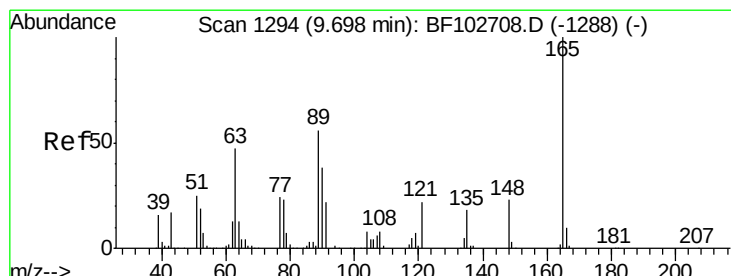
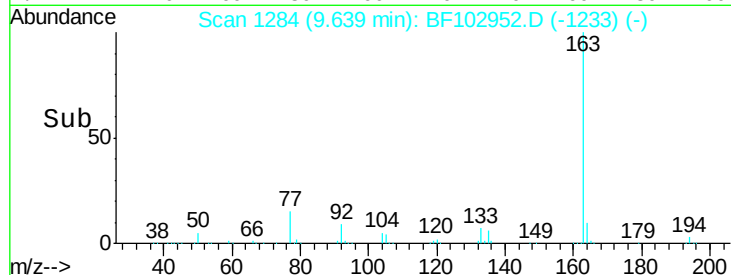
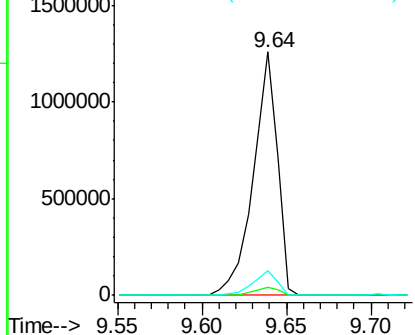
#49
Dimethylphthalate
Concen: 38.443 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1258637
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

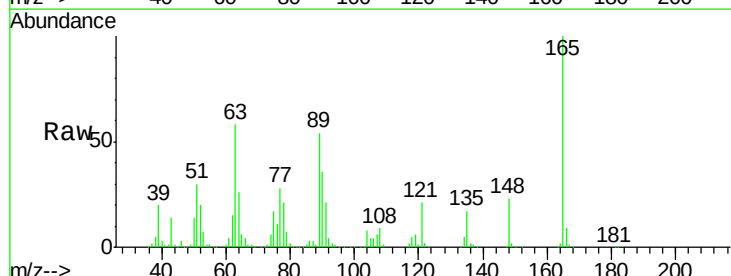


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

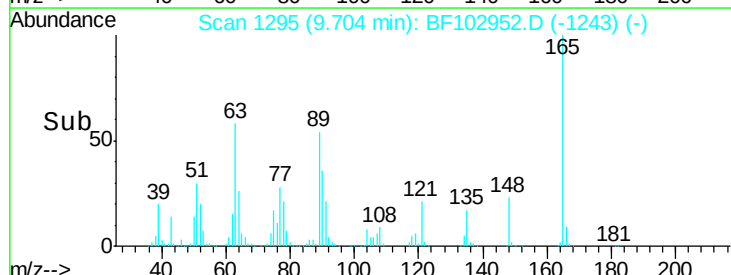
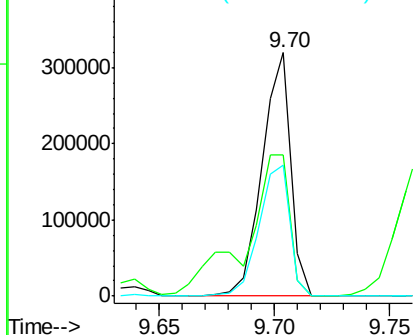


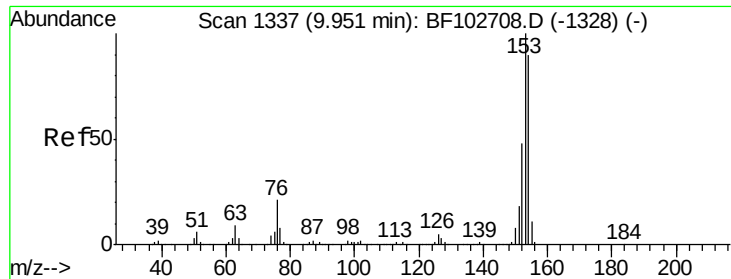
#50
2,6-Dinitrotoluene
Concen: 44.369 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:165 Resp: 276369
Ion Ratio Lower Upper
165 100
63 58.2 44.7 67.1
89 53.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.237 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

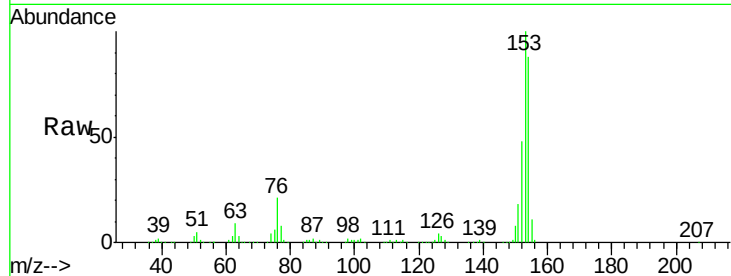
Tot Ion:154 Resp: 937173

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

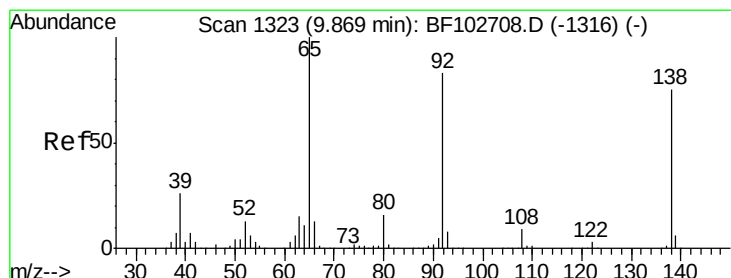
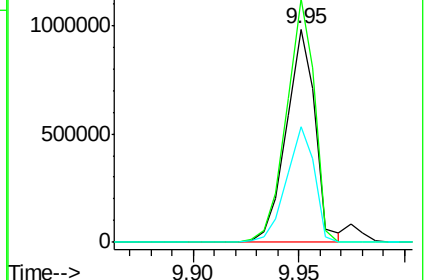
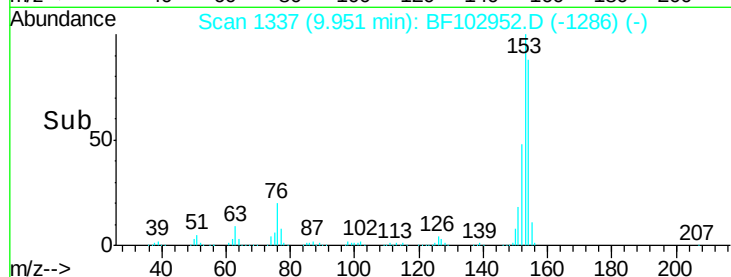
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.304 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

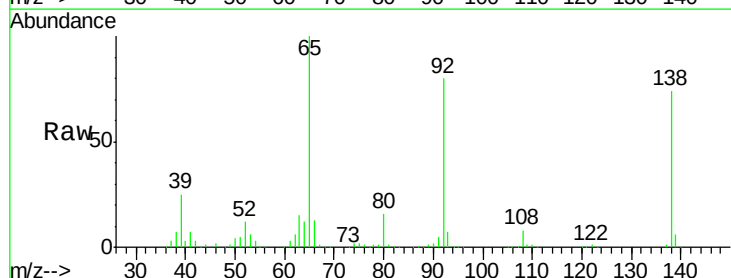
Tgt Ion:138 Resp: 339558

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

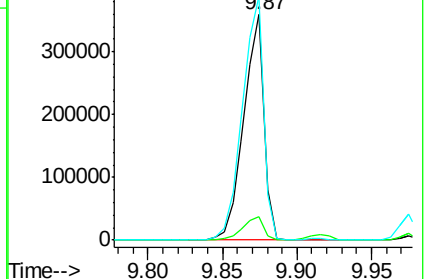
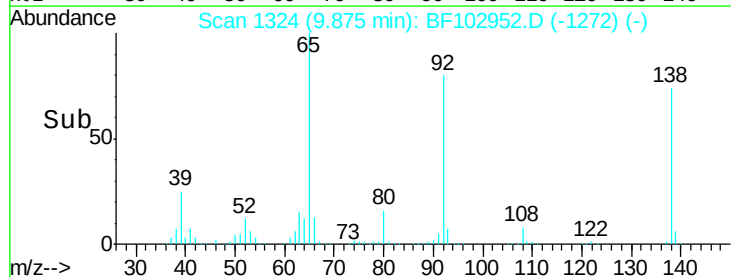
92 108.2 89.4 134.2

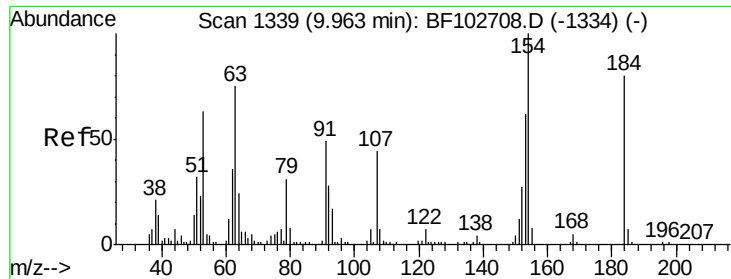


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

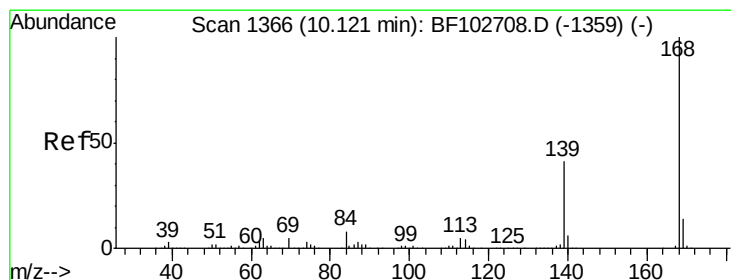
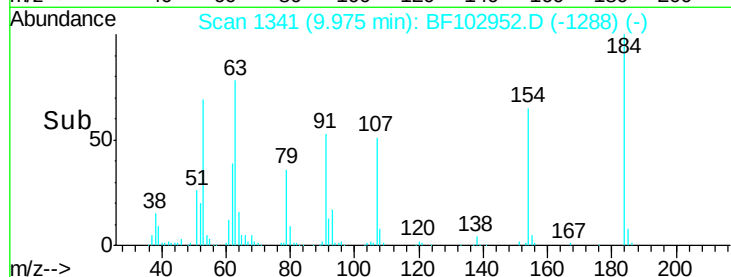
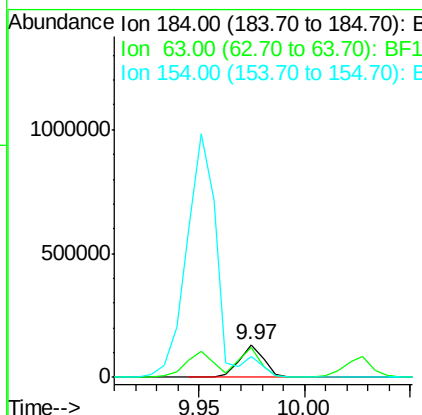
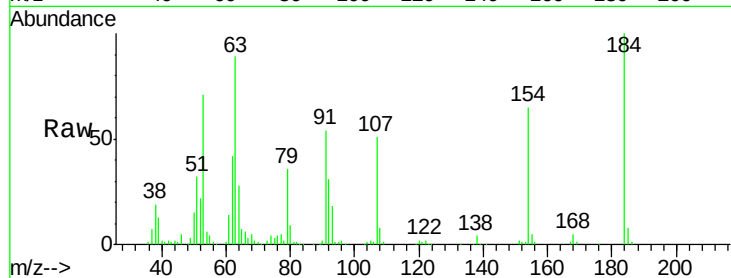




#53
 2,4-Dinitrophenol
 Concen: 61.888 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

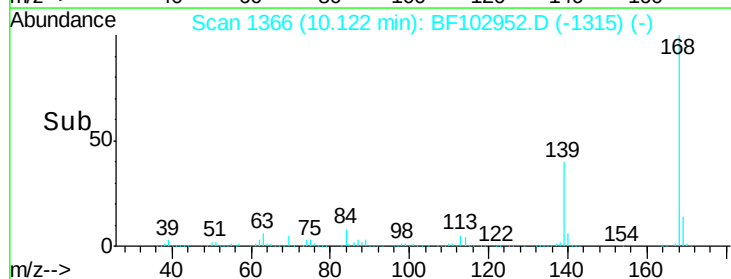
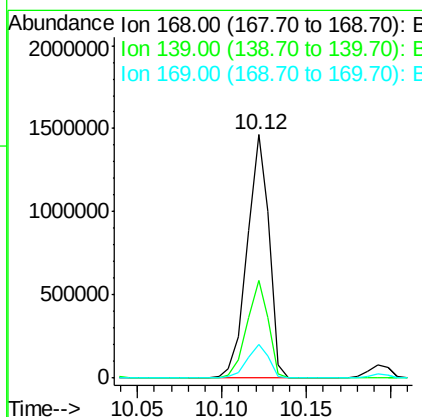
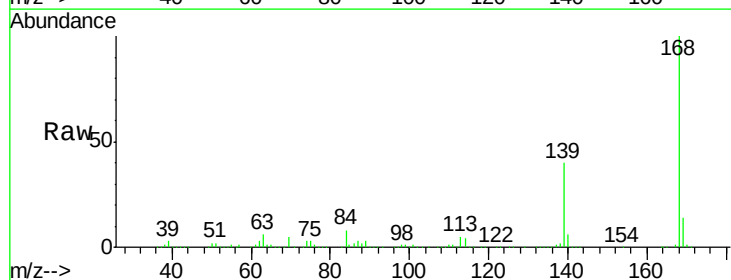
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

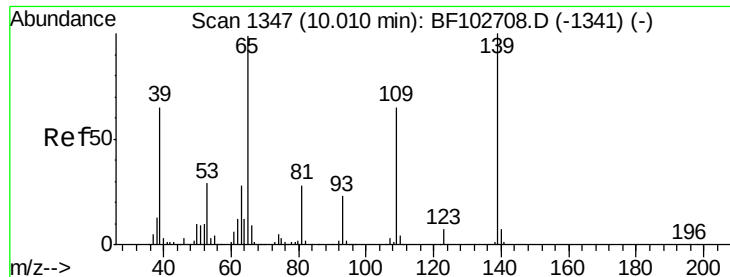
Tot Ion:184 Resp: 108369
 Ion Ratio Lower Upper
 184 100
 63 89.4 54.2 81.2#
 154 64.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.306 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:168 Resp: 1323218
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.1 45.1
 169 13.8 10.9 16.3

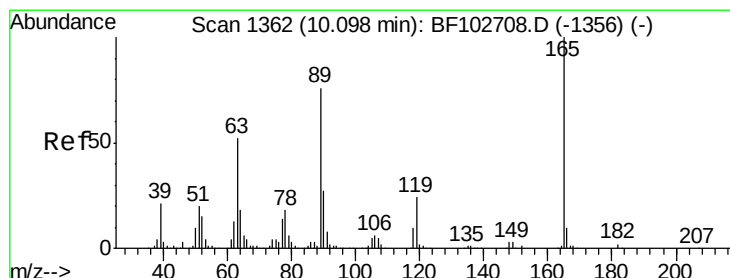
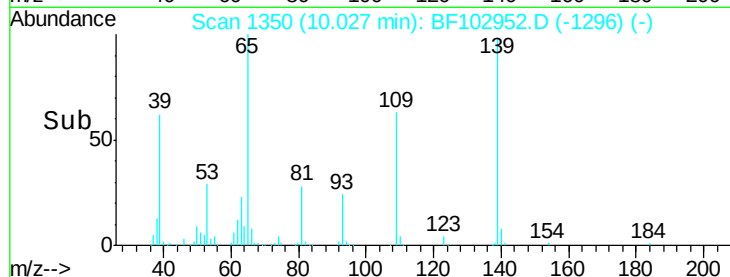
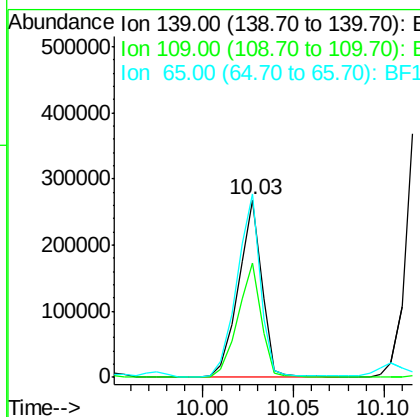
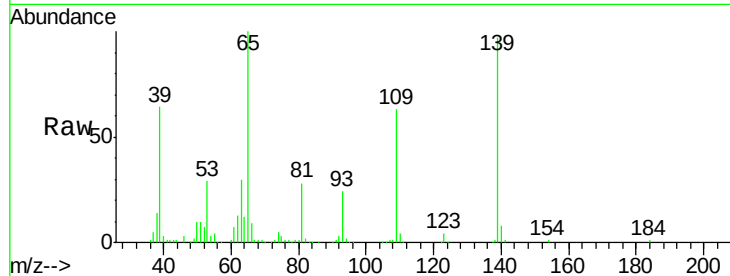




#55
4-Nitrophenol
Concen: 40.408 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

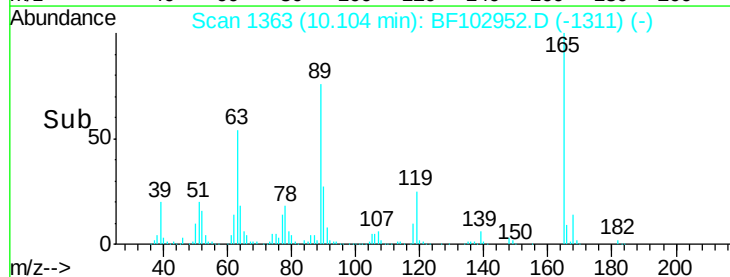
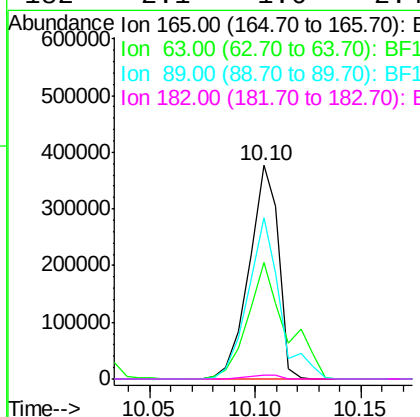
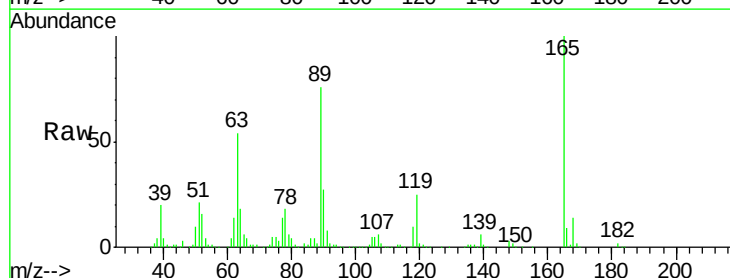
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

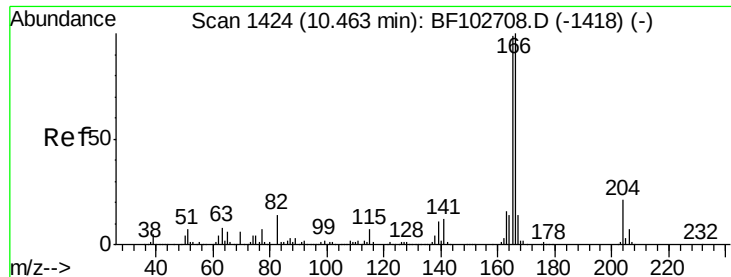
Tot Ion:139 Resp: 241299
Ion Ratio Lower Upper
139 100
109 64.8 48.4 88.4
65 103.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.734 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:165 Resp: 362912
Ion Ratio Lower Upper
165 100
63 54.5 36.4 54.6
89 75.7 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 37.589 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

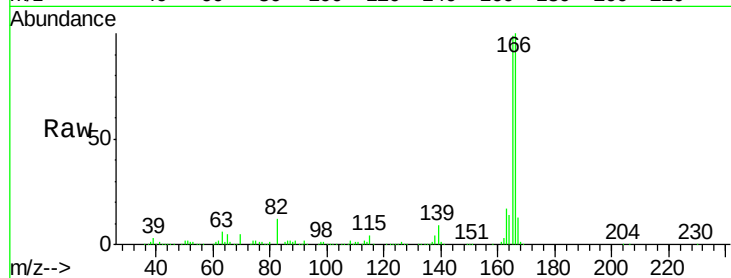
Tot Ion:166 Resp: 996780

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

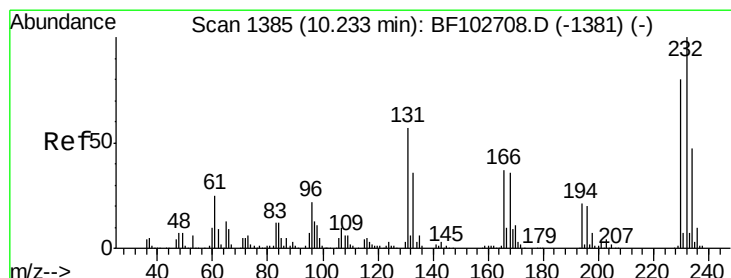
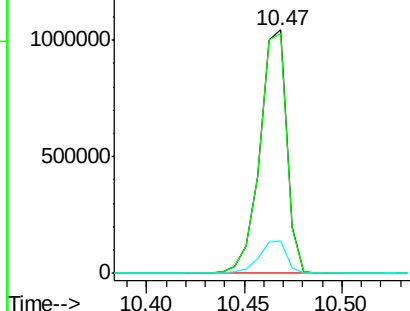
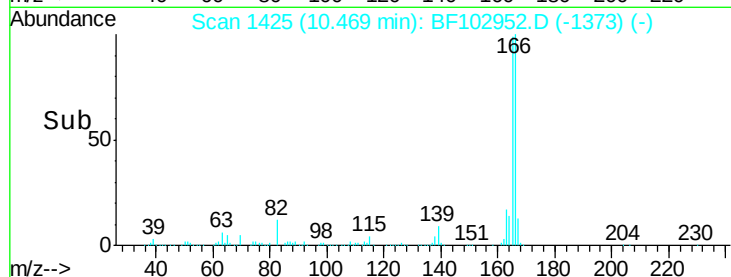
167 13.2 10.6 16.0



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: 40.663 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Tgt Ion:232 Resp: 238541

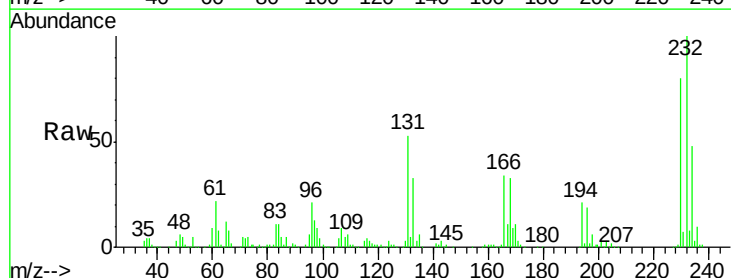
Ion Ratio Lower Upper

232 100

131 56.9 43.8 65.8

130 2.8 2.1 3.1

166 35.6 27.8 41.6

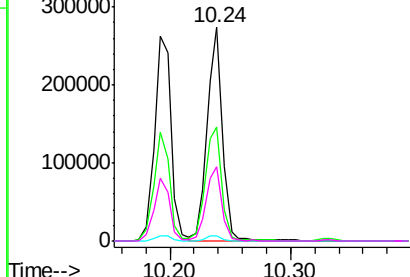
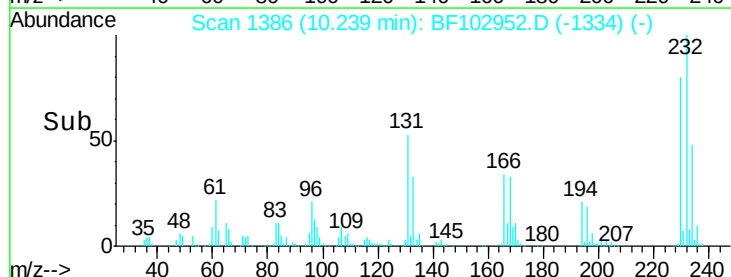


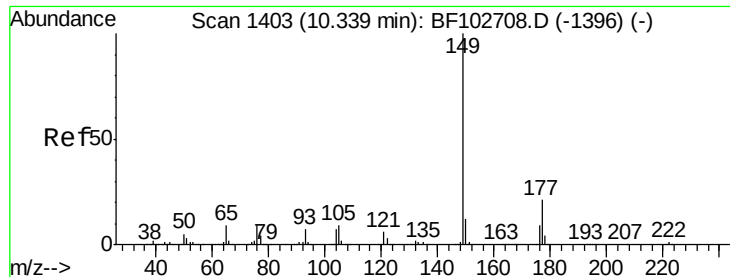
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

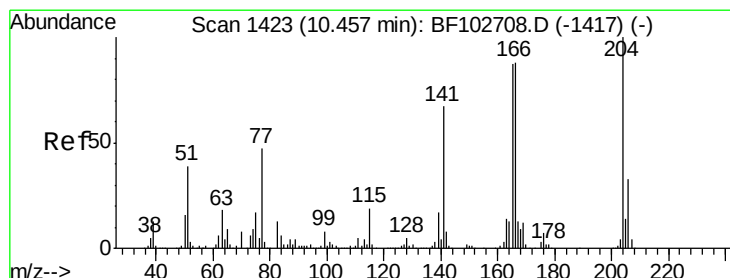
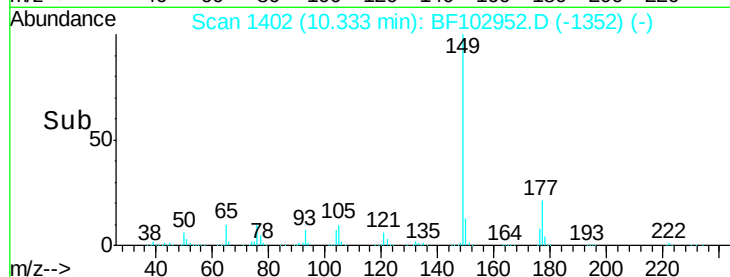
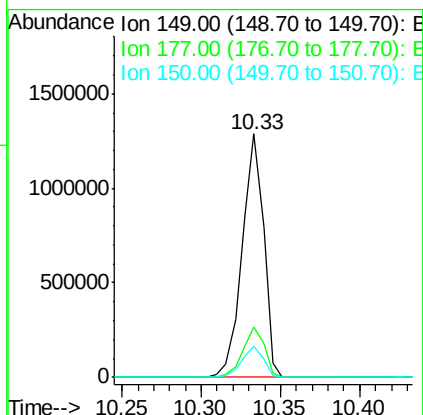
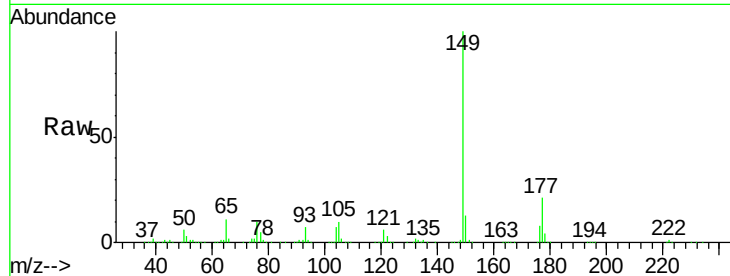




#59
Diethylphthalate
Concen: 37.285 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

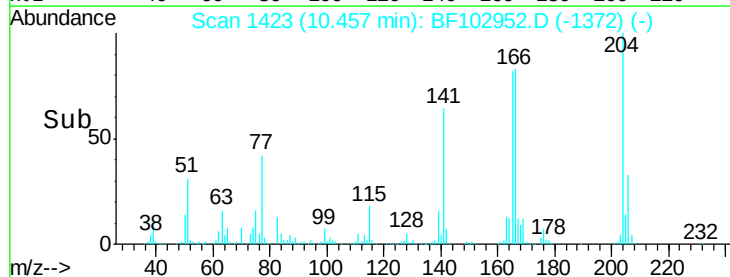
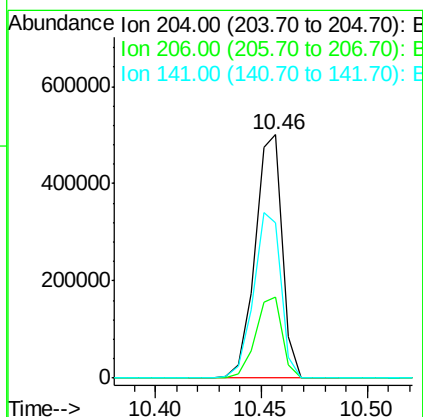
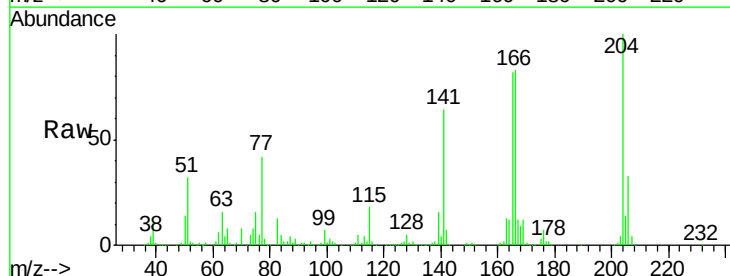
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

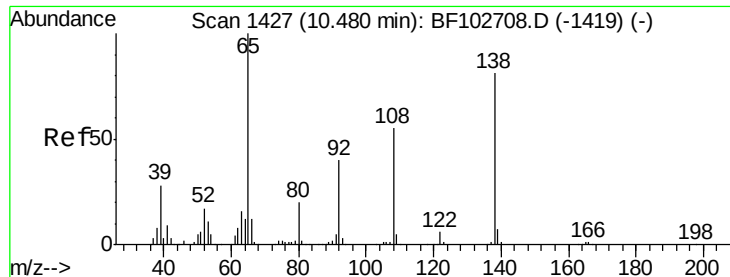
Tot Ion:149 Resp: 1205336
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.138 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:204 Resp: 447386
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 63.7 54.6 81.8

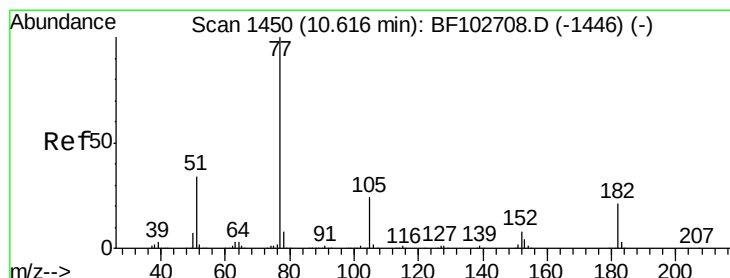
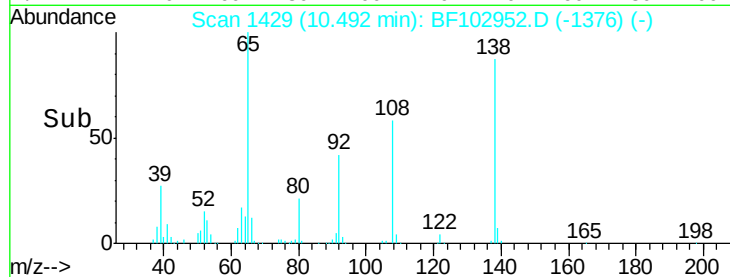
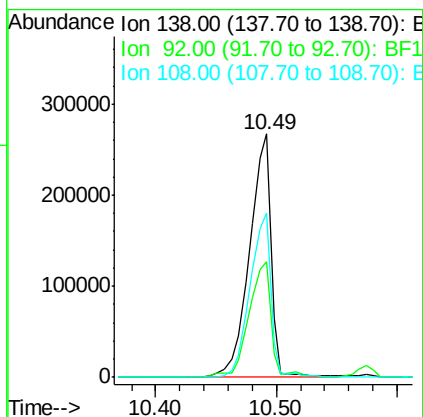
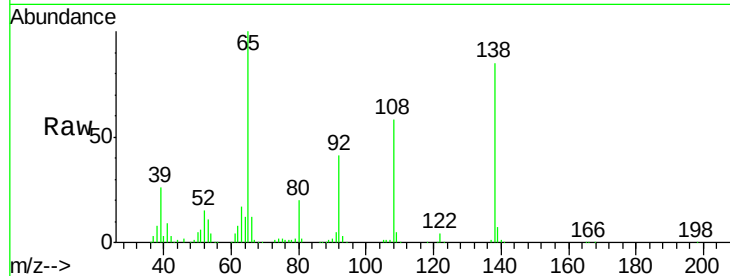




#61
4-Nitroaniline
Concen: 46.010 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

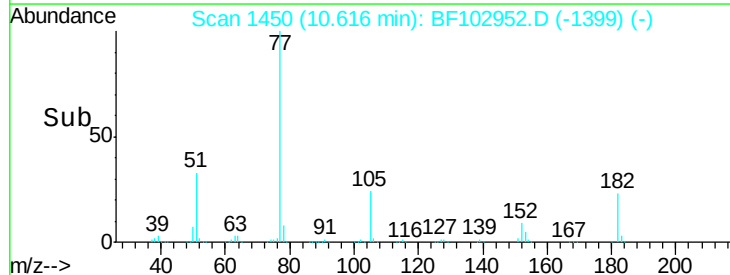
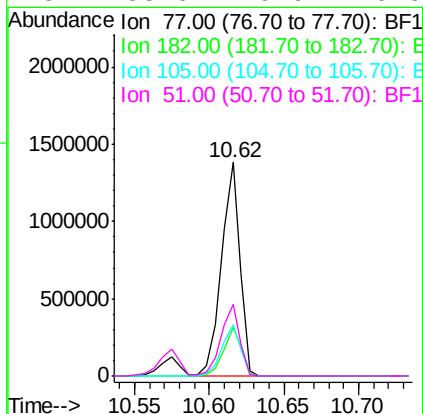
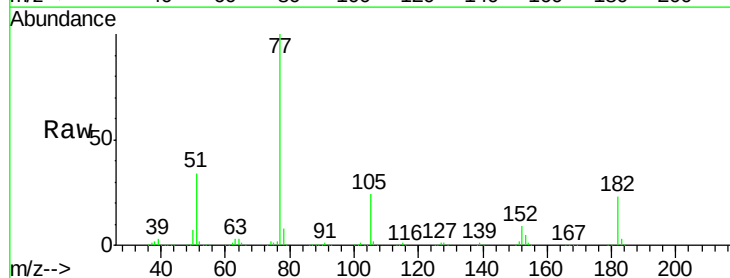
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

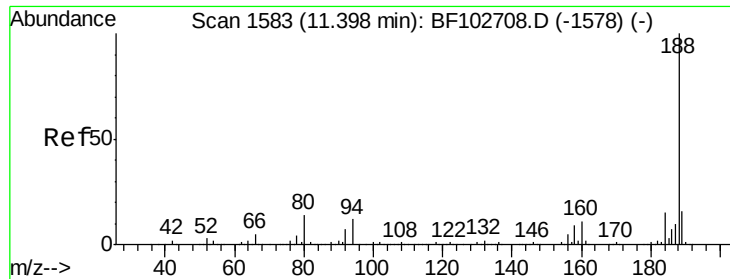
Tot Ion:138 Resp: 335655
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 37.625 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion: 77 Resp: 1215121
Ion Ratio Lower Upper
77 100
182 22.6 1.7 41.7
105 24.1 3.0 43.0
51 33.6 9.9 49.9

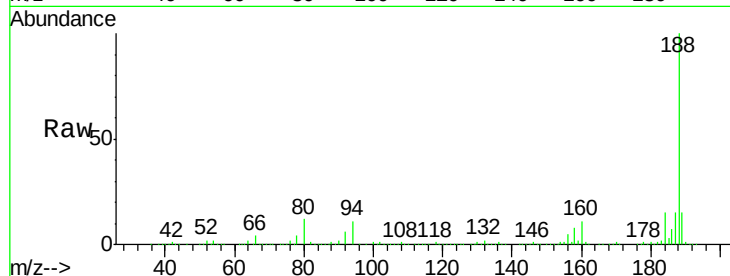




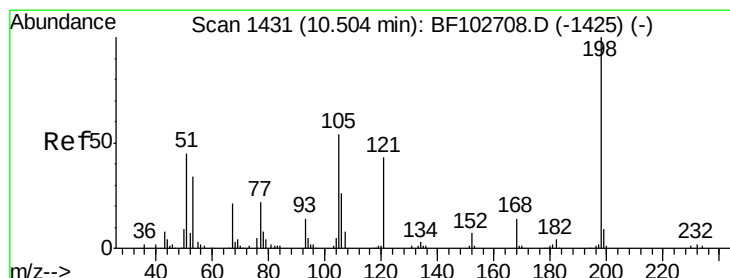
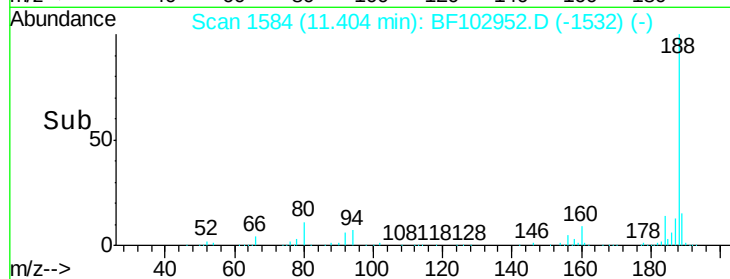
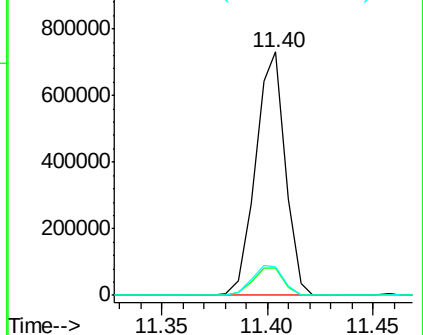
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.2	13.8

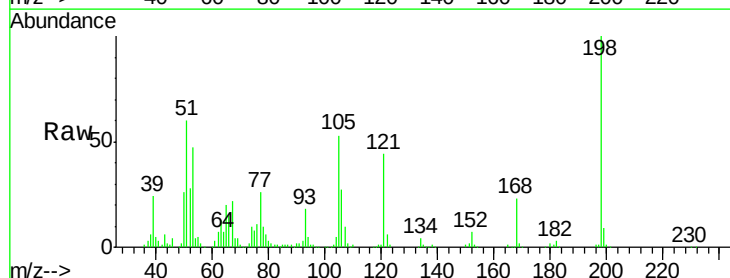


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

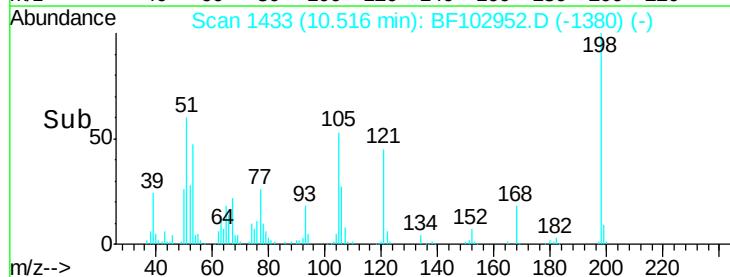
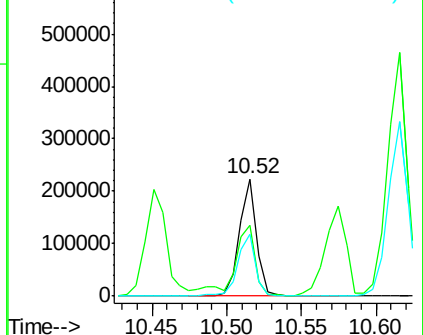


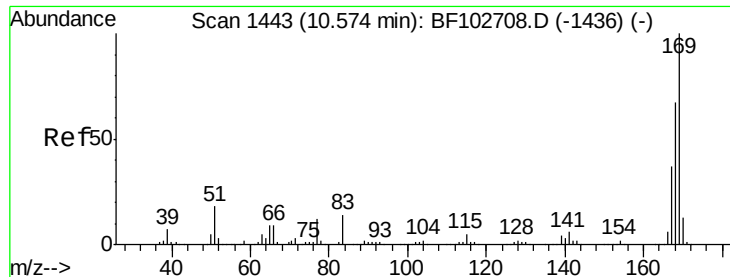
#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.877 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.8	37.7	77.7
105	52.5	36.3	76.3



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

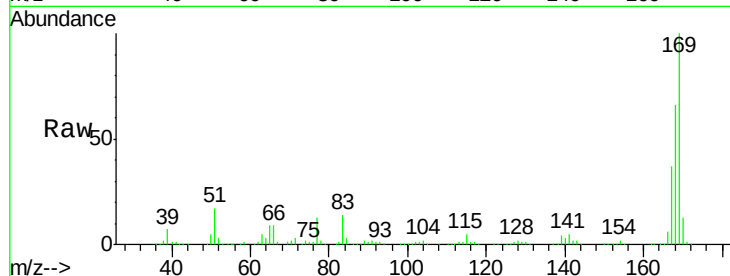




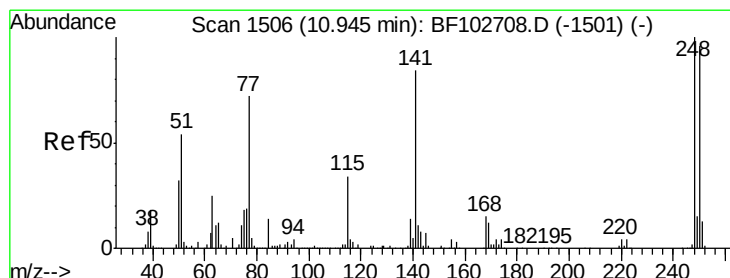
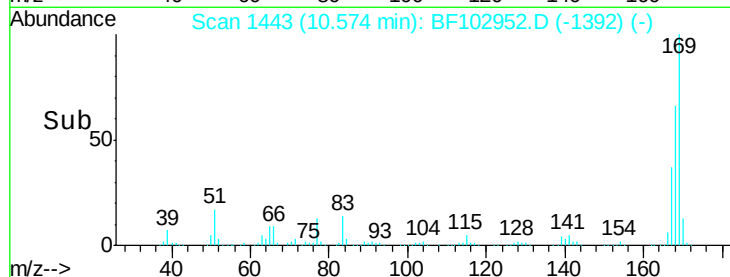
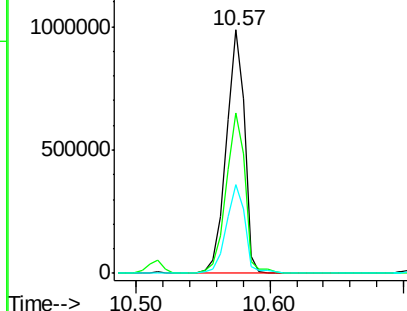
#65
 n-Nitrosodiphenylamine
 Concen: 37.665 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 951730
 Ion Ratio Lower Upper
 169 100
 168 66.0 54.4 81.6
 167 36.6 29.8 44.6

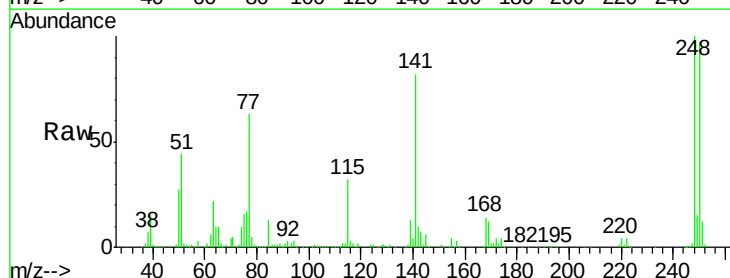


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

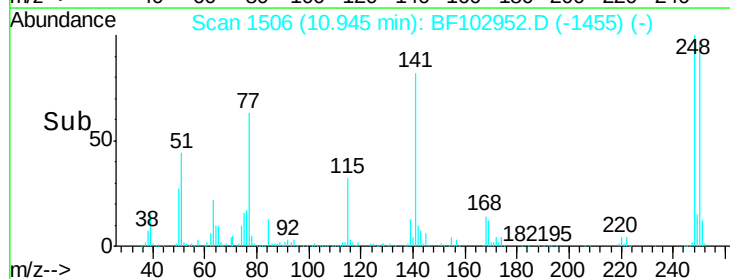
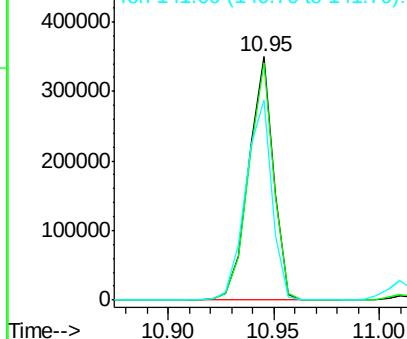


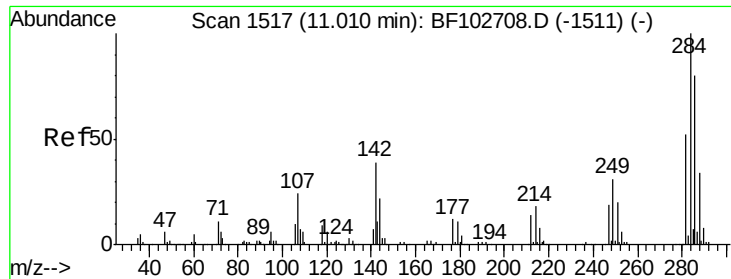
#66
 4-Bromophenyl-phenylether
 Concen: 37.775 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:248 Resp: 286248
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.9 115.3
 141 82.4 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: 37.832 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

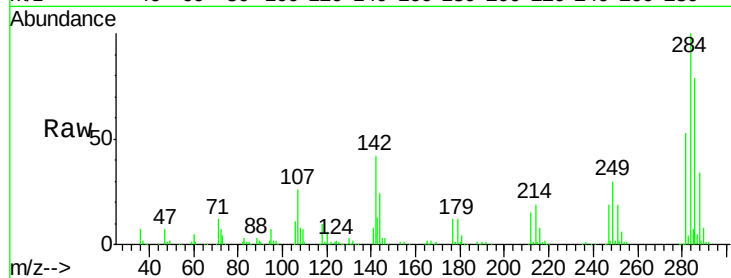
Tot Ion:284 Resp: 316259

Ion Ratio Lower Upper

284 100

142 41.9 34.6 52.0

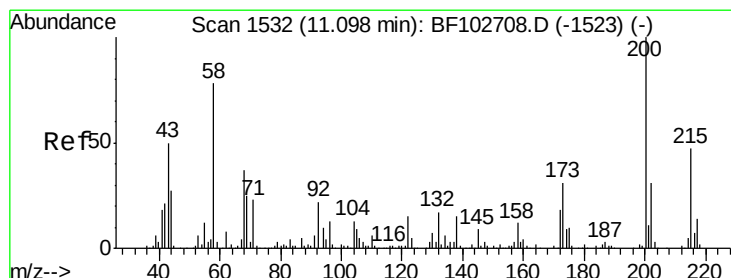
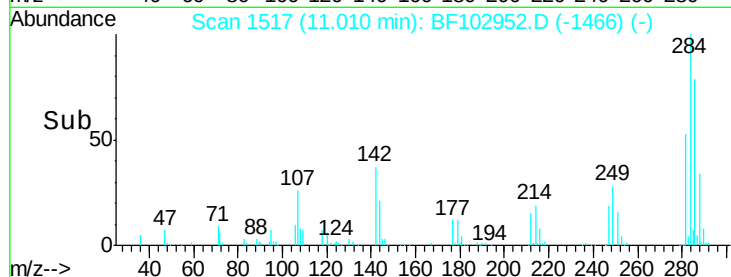
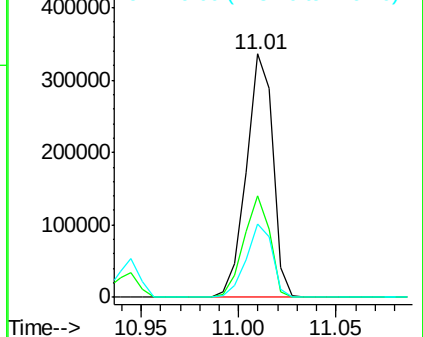
249 30.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.176 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

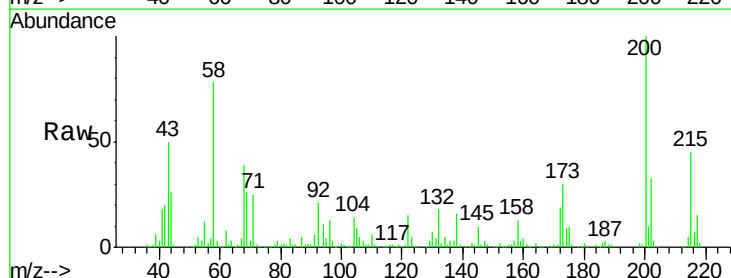
Tgt Ion:200 Resp: 284577

Ion Ratio Lower Upper

200 100

173 30.4 8.6 48.6

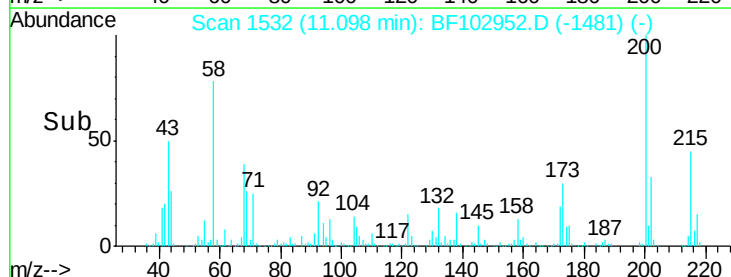
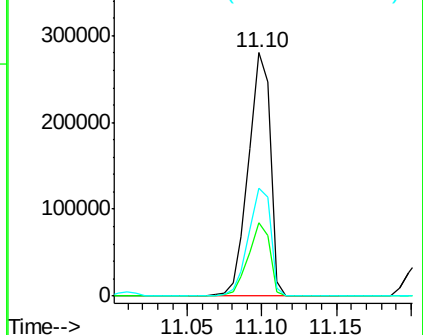
215 44.6 25.1 65.1

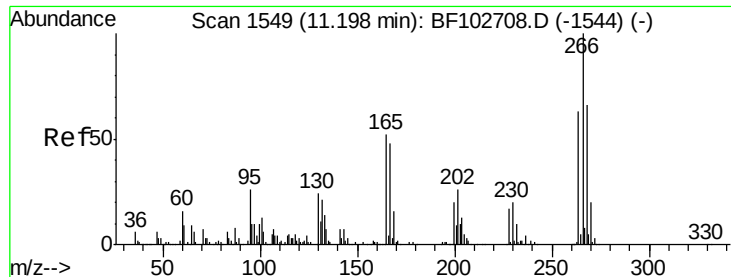


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

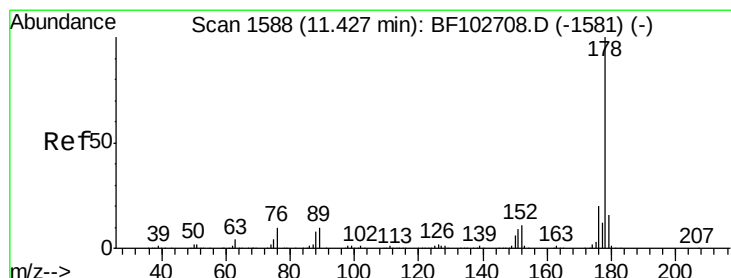
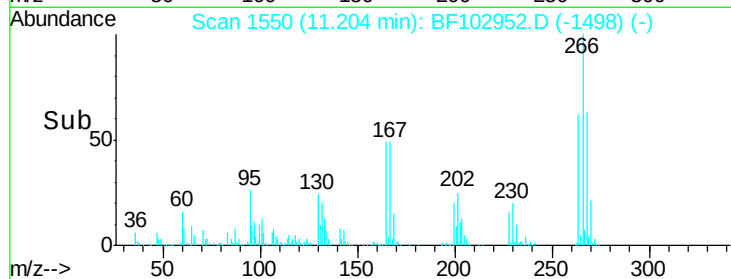
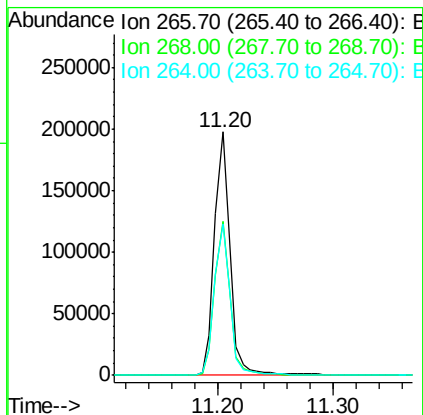
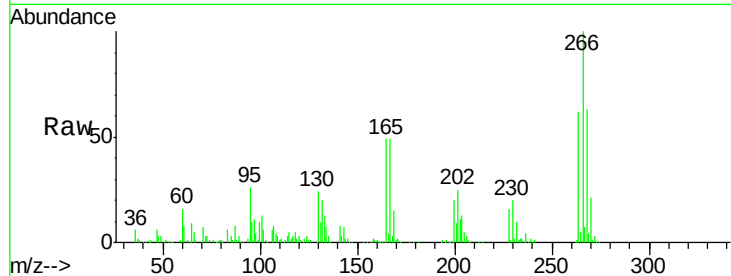




#69
 Pentachlorophenol
 Concen: 38.207 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

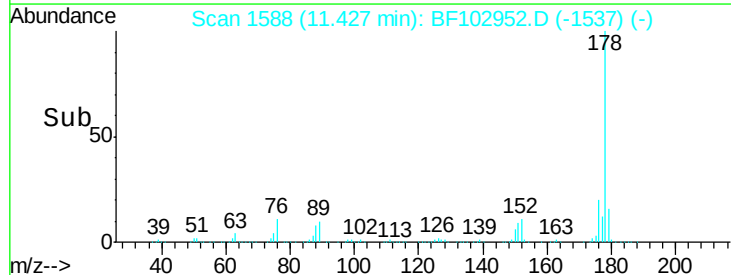
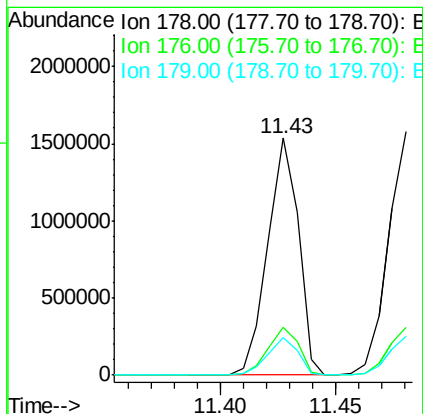
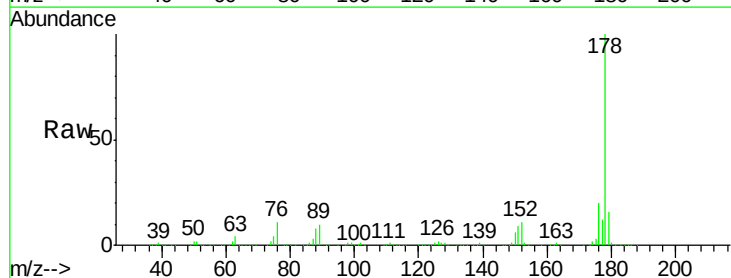
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

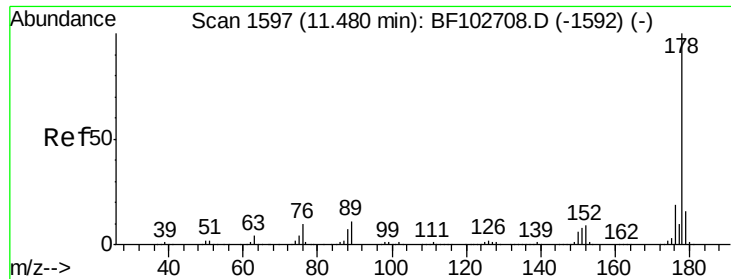
Tot Ion:266 Resp: 187494
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 35.757 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:178 Resp: 1426561
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 13.0 19.6





#71

Anthracene

Concen: 36.026 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

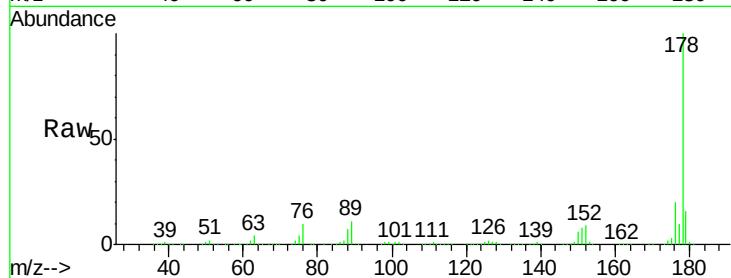
Tot Ion:178 Resp: 1461884

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

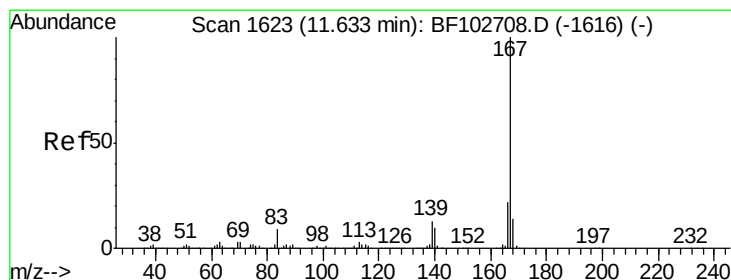
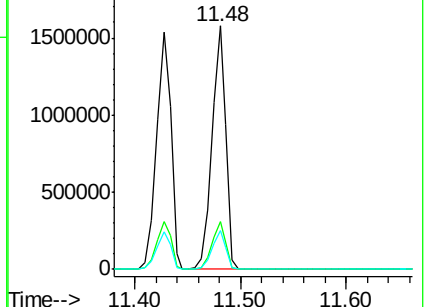
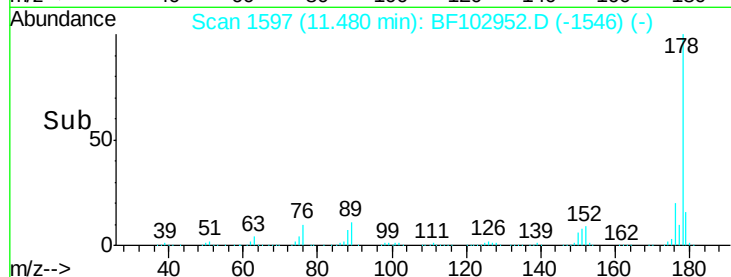
179 16.1 12.6 19.0



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



#72

Carbazole

Concen: 36.270 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

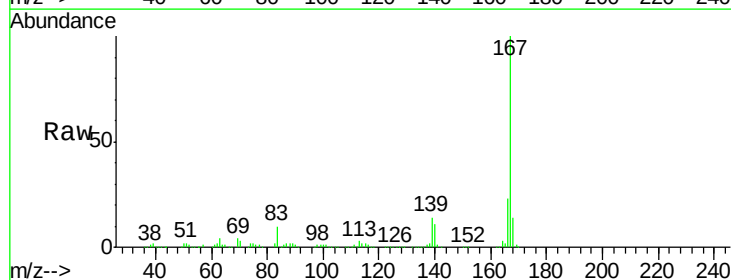
Tgt Ion:167 Resp: 1441868

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

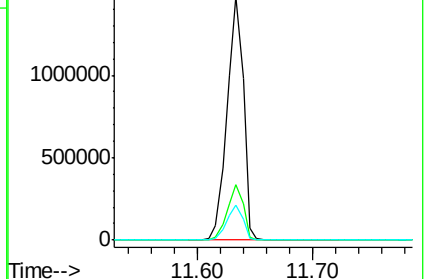
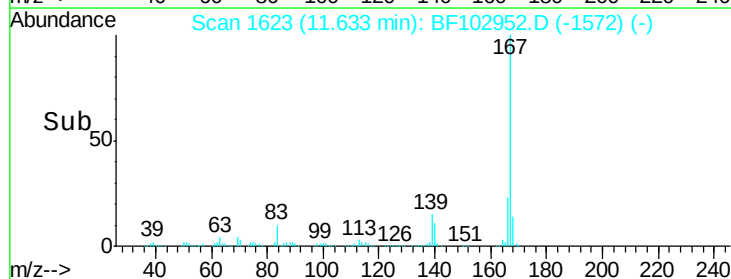
139 14.5 10.9 16.3

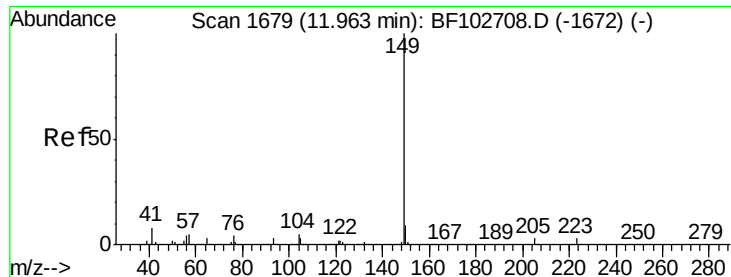


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.482 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

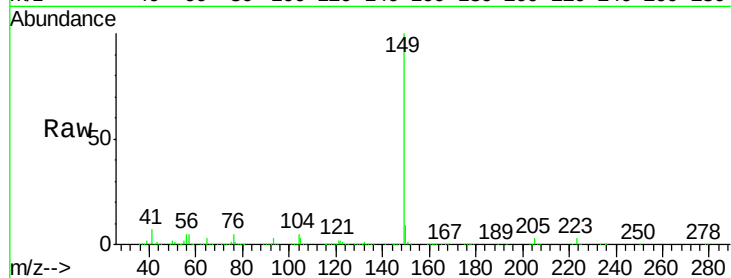
Tot Ion:149 Resp: 1858347

Ion Ratio Lower Upper

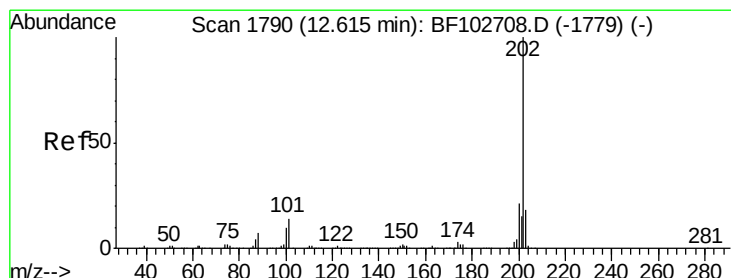
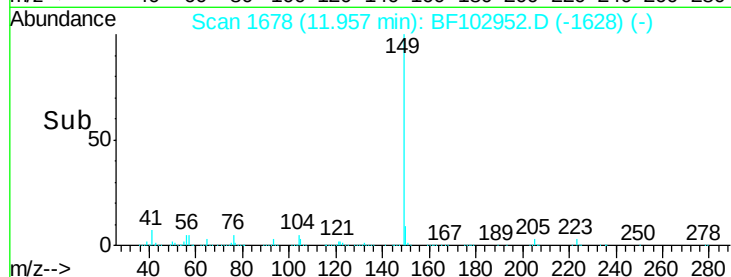
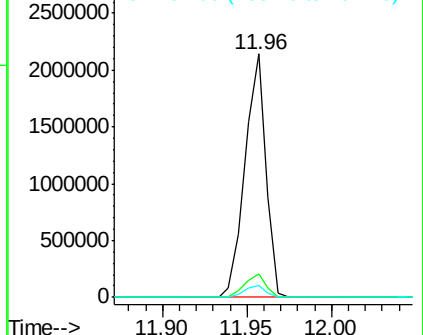
149 100

150 9.4 7.8 11.6

104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.665 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

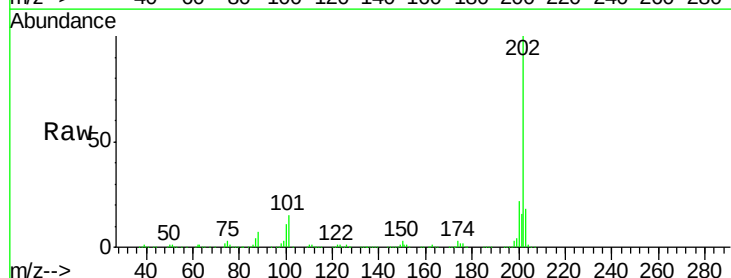
Tgt Ion:202 Resp: 1431605

Ion Ratio Lower Upper

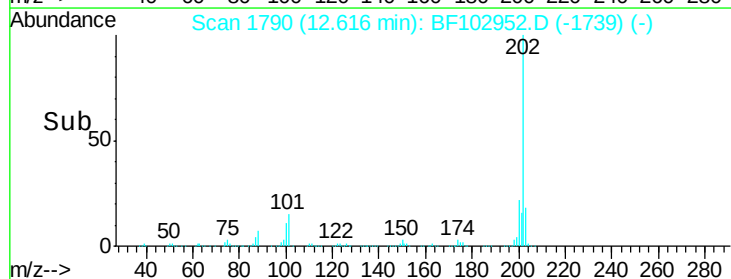
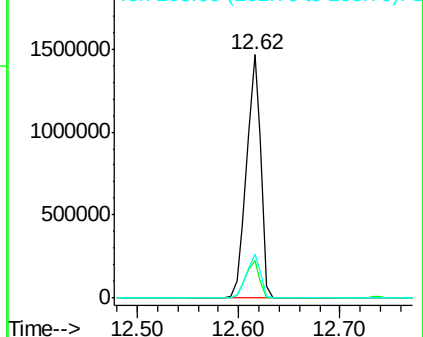
202 100

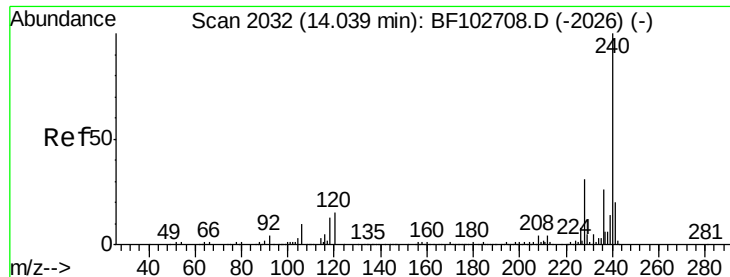
101 15.2 0.0 34.1

203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

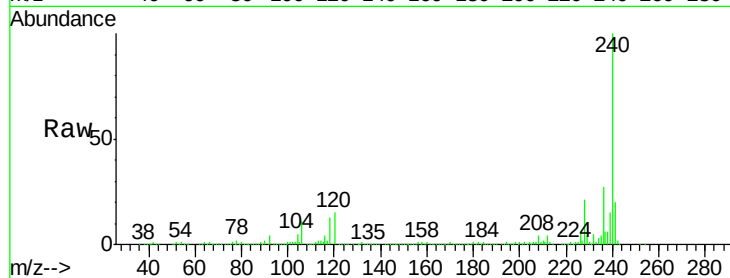
Tot Ion:240 Resp: 497529

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.04

600000

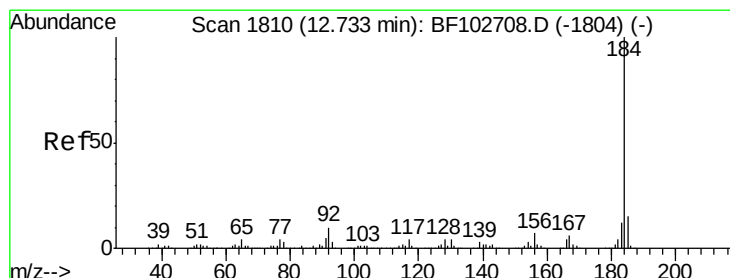
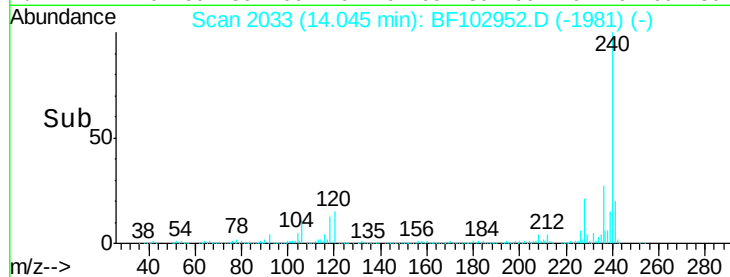
400000

200000

0

14.00 14.10

Time-->



#76

Benzidine

Concen: 43.594 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

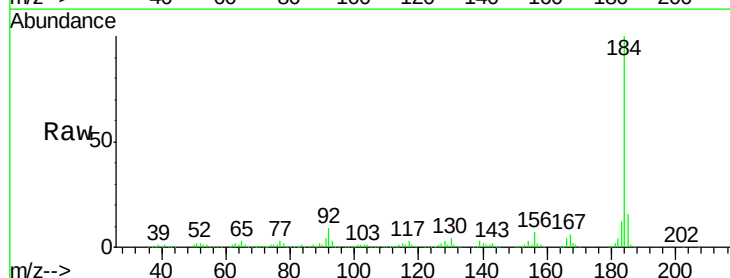
Tgt Ion:184 Resp: 996851

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

183 12.1 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

12.74

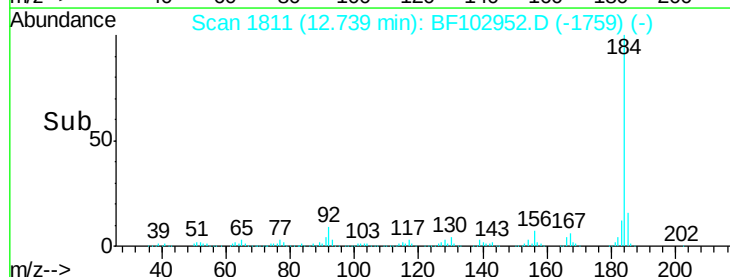
1000000

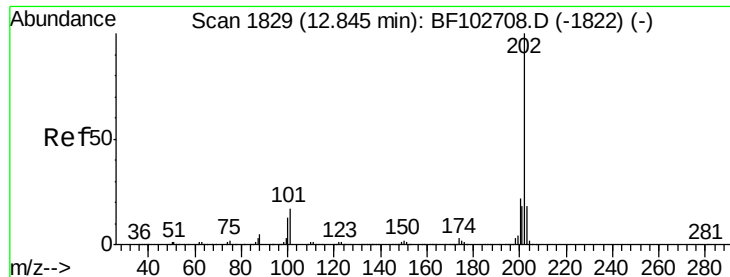
500000

0

12.70 12.80 12.90

Time-->





#77

Pvrene

Concen: 37.685 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

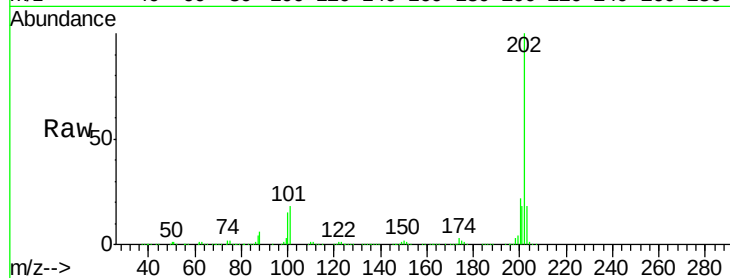
Tot Ion:202 Resp: 1470225

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

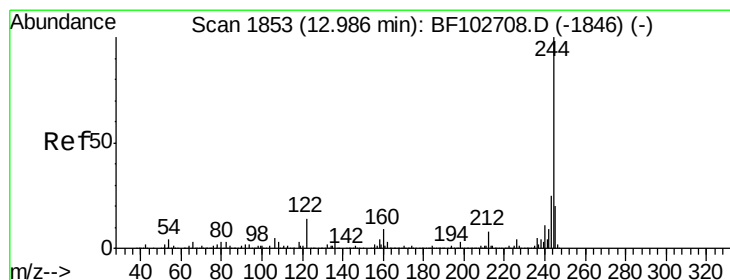
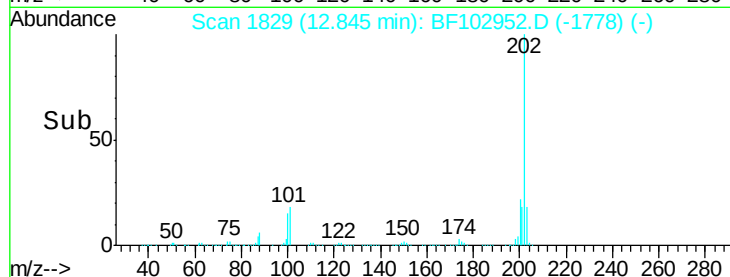
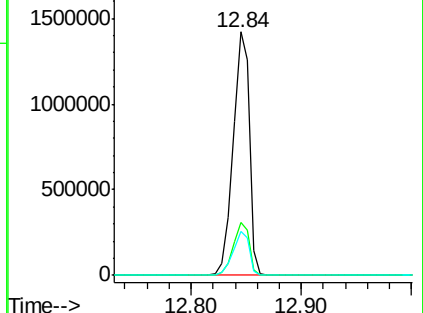
203 17.8 14.3 21.5



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: 71.841 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

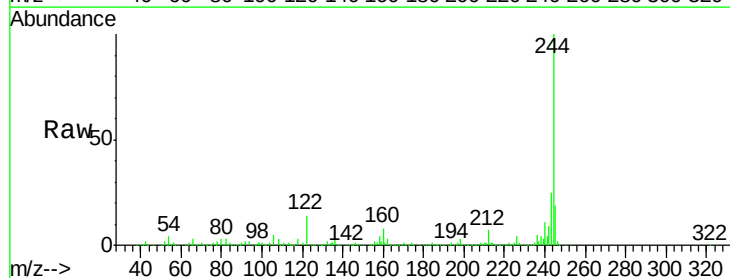
Tgt Ion:244 Resp: 1509551

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

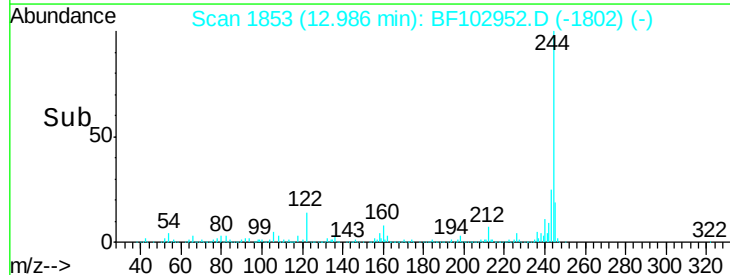
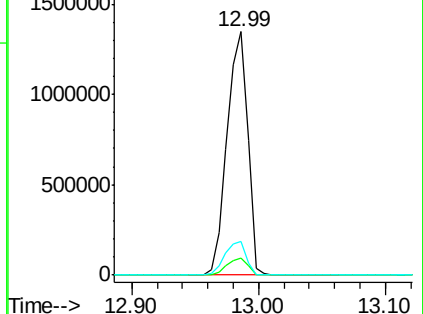
122 13.6 11.0 16.4

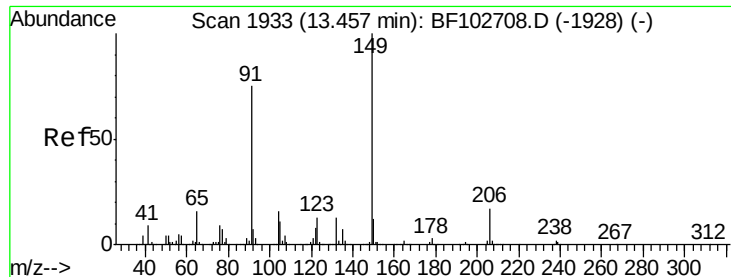


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

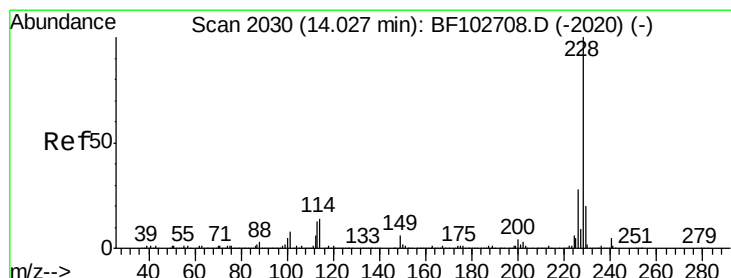
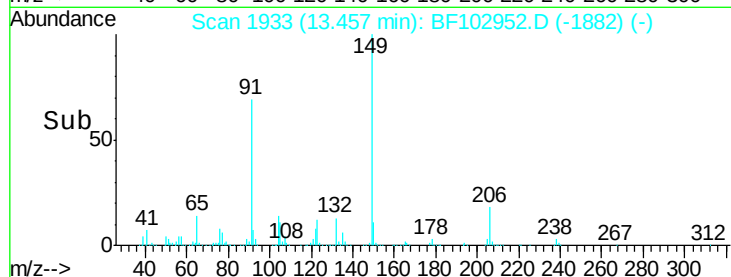
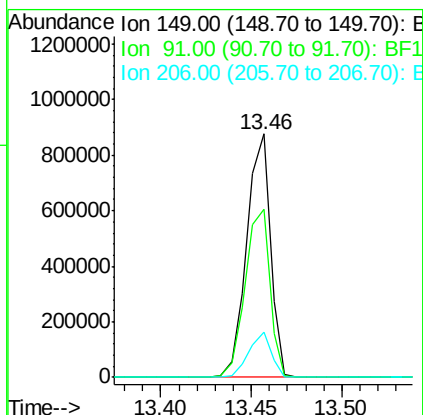
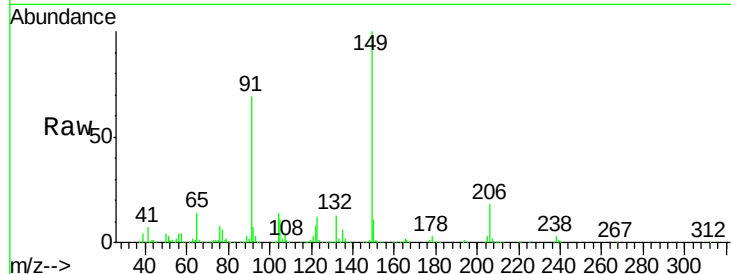




#79
Butylbenzylphthalate
Concen: 42.880 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

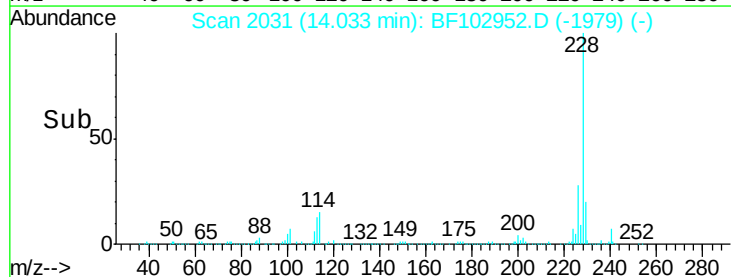
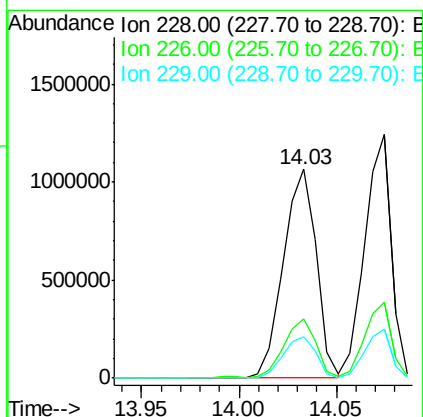
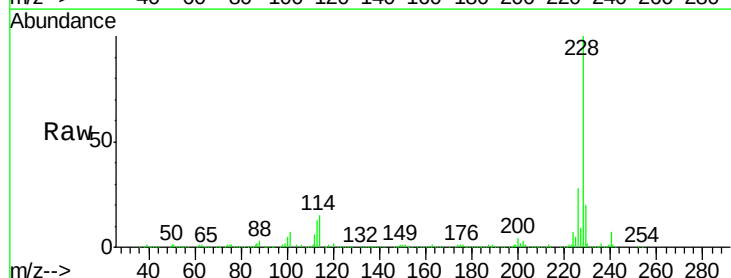
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

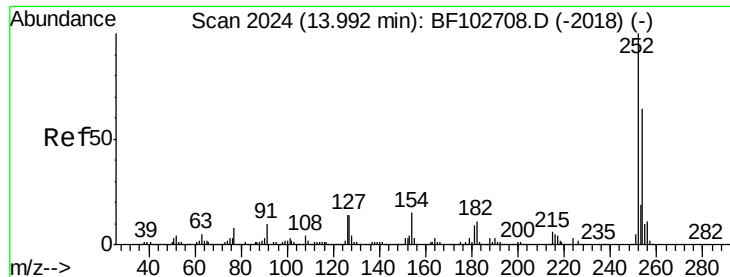
Tot Ion:149 Resp: 798140
Ion Ratio Lower Upper
149 100
91 69.0 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.600 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:228 Resp: 1239087
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.9 15.8 23.6

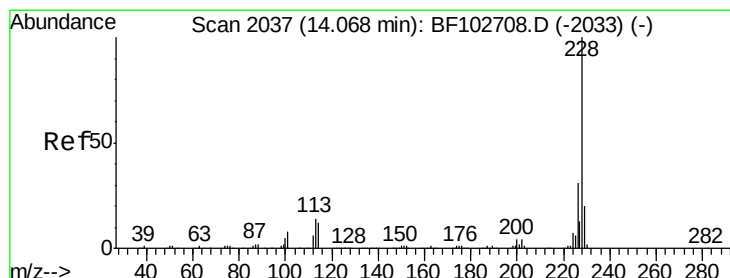
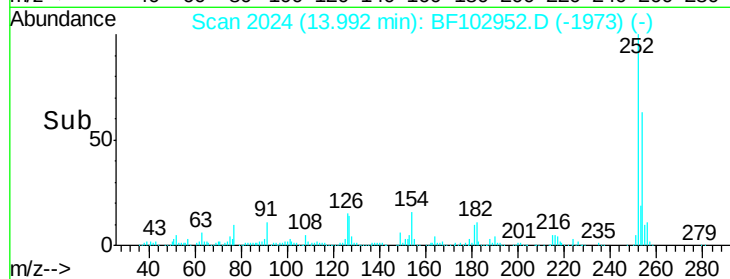
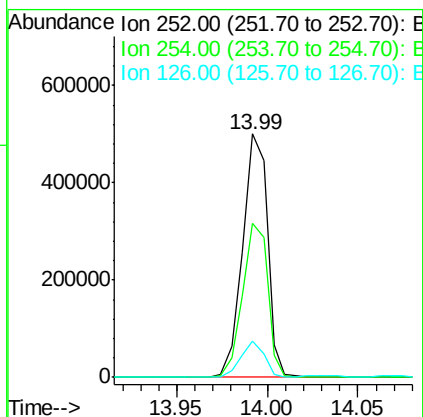
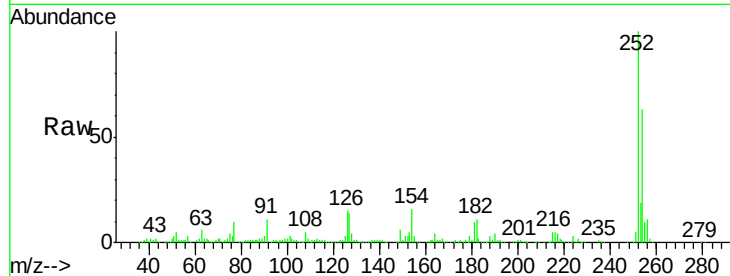




#81
 3,3'-Dichlorobenzidine
 Concen: 41.220 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

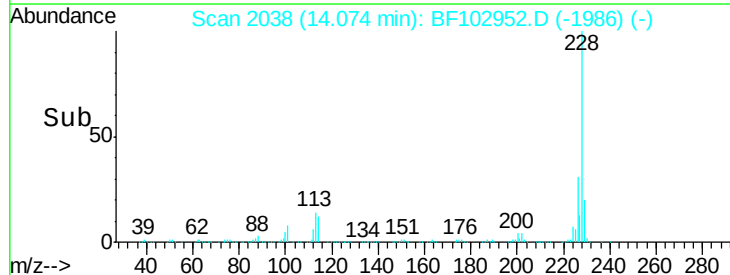
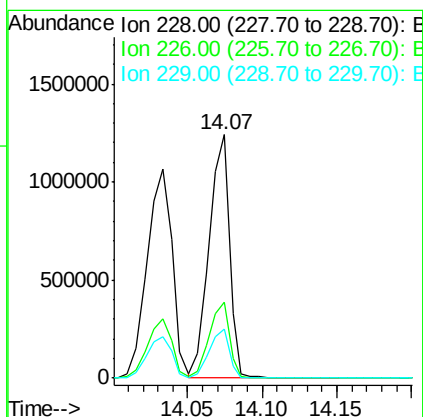
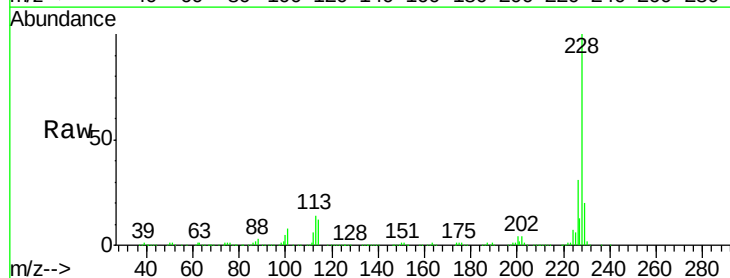
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

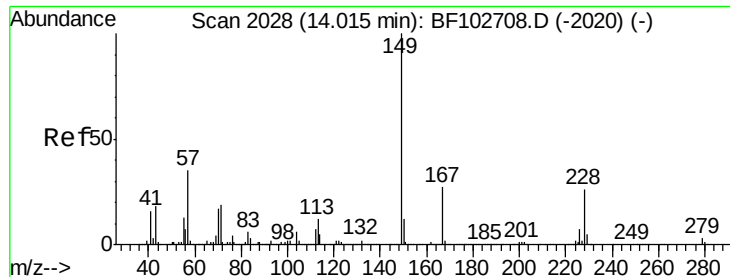
Tot Ion:252 Resp: 478212
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 14.8 11.3 16.9



#82
 Chrysene
 Concen: 37.185 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF102952.D
 Acq: 13 Feb 2018 10:46

Tgt Ion:228 Resp: 1172886
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.572 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

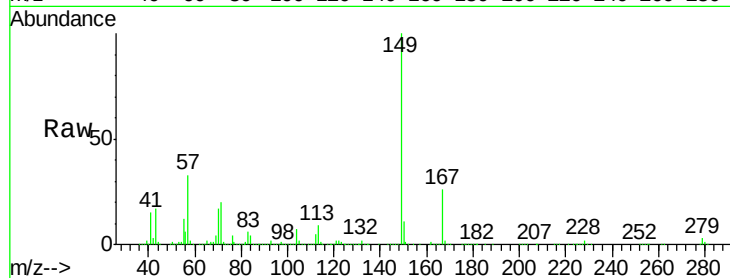
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1089149

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.2	3.0	4.4

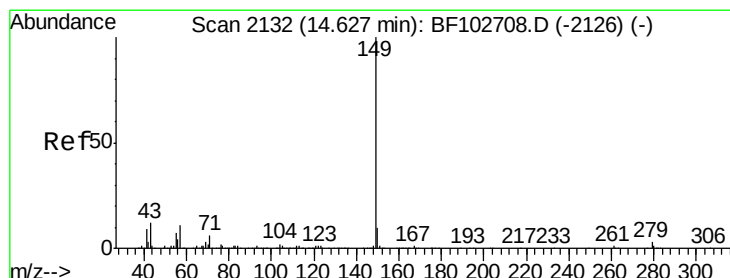
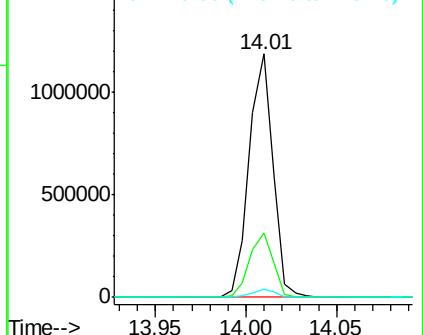
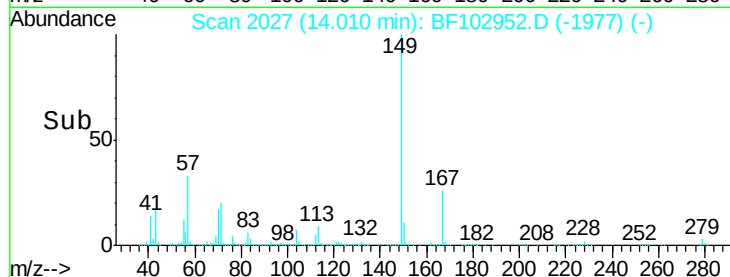


Abundance

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: 48.375 ng

RT: 14.62 min Scan# 2131

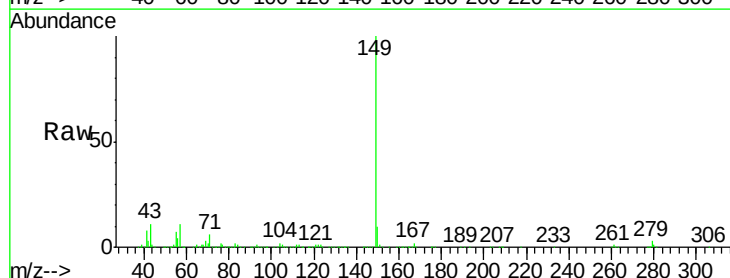
Delta R.T. -0.01 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Tgt Ion:149 Resp: 1735959

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6

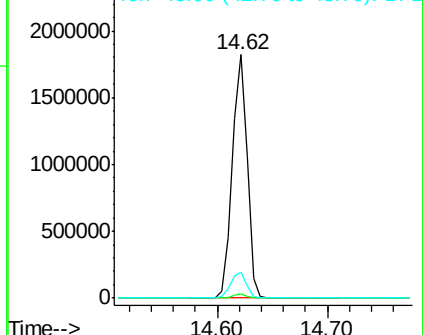
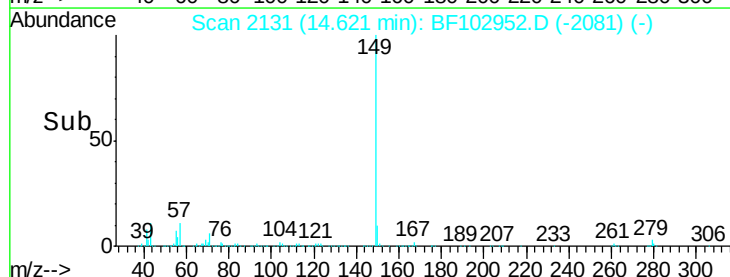


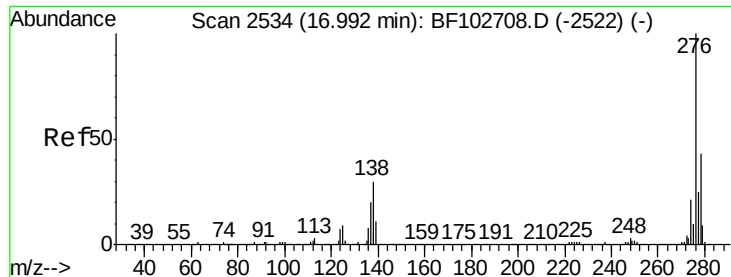
Abundance

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

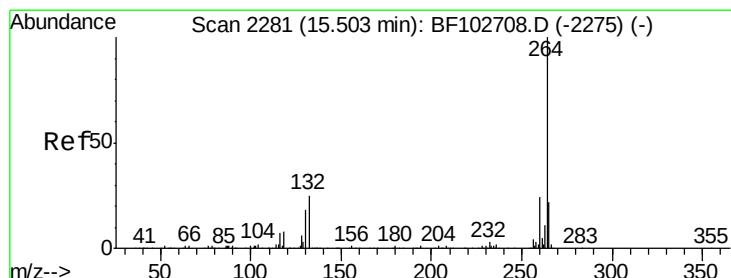
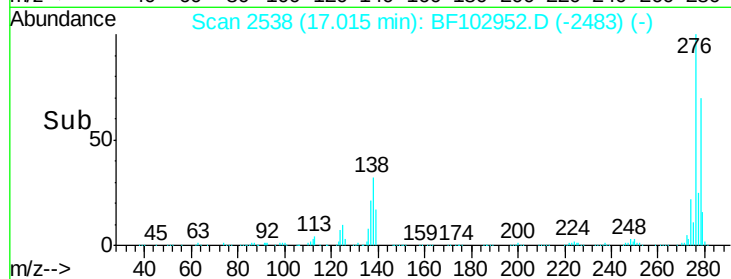
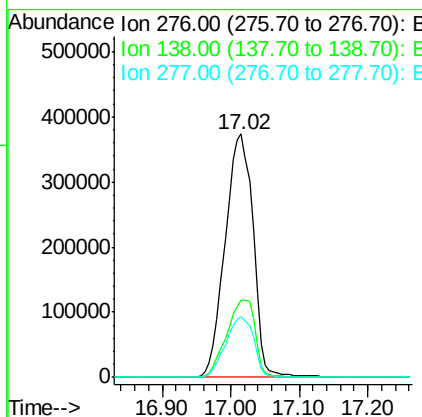
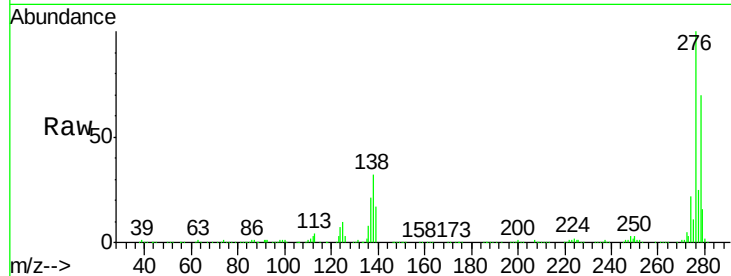




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.401 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

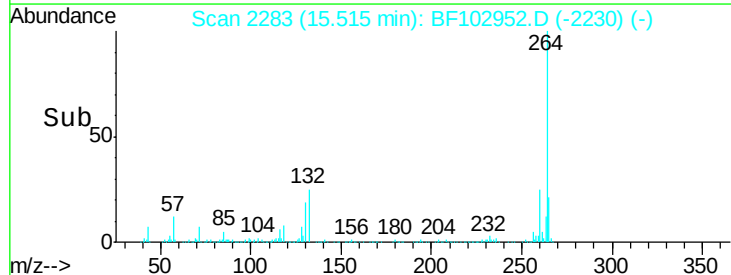
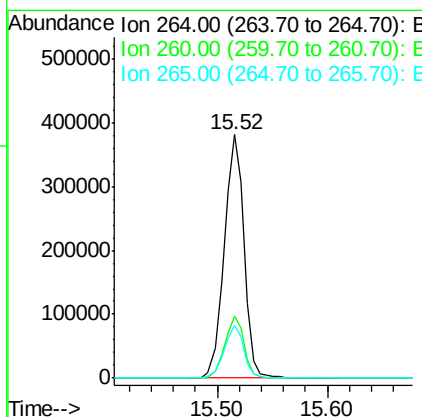
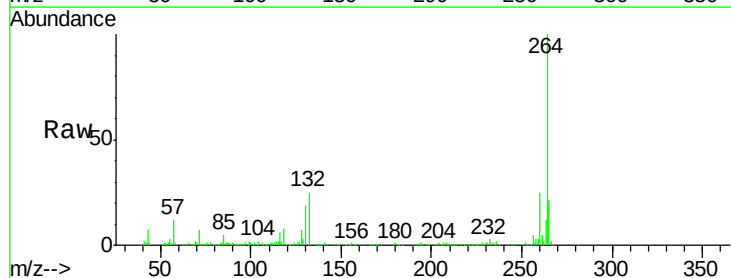
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

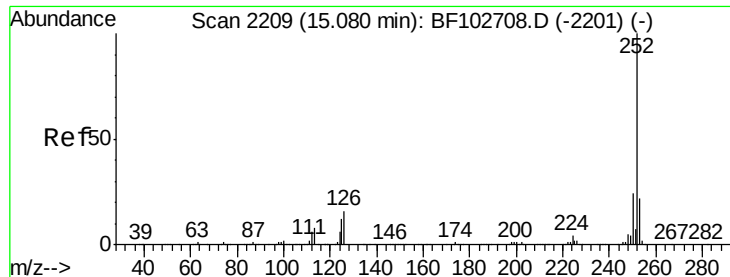
Tot Ion:276 Resp: 1056893
Ion Ratio Lower Upper
276 100
138 32.8 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:264 Resp: 477453
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.5 17.5 26.3

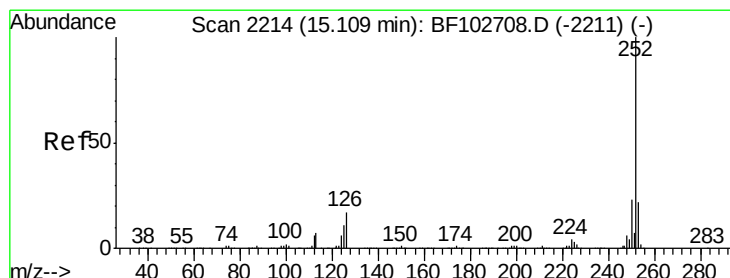
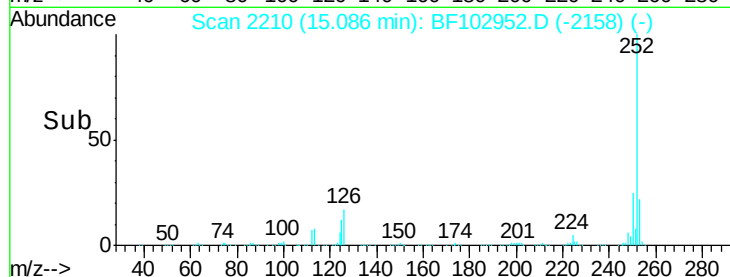
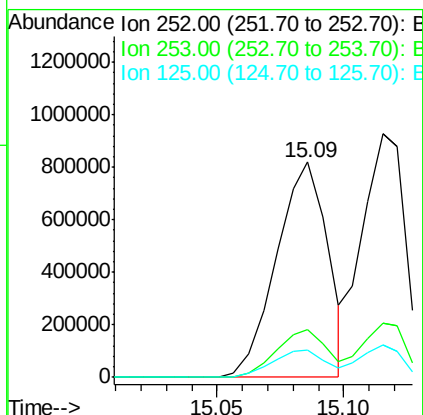
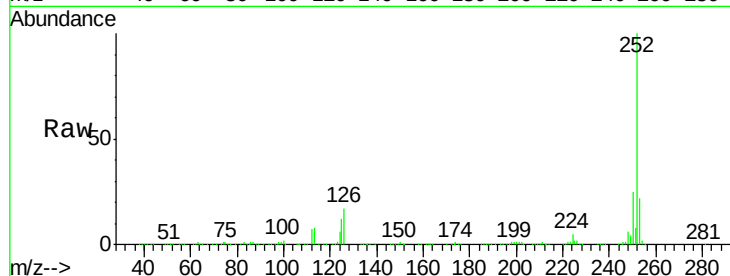




#87
Benzo(b)fluoranthene
Concen: 37.274 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

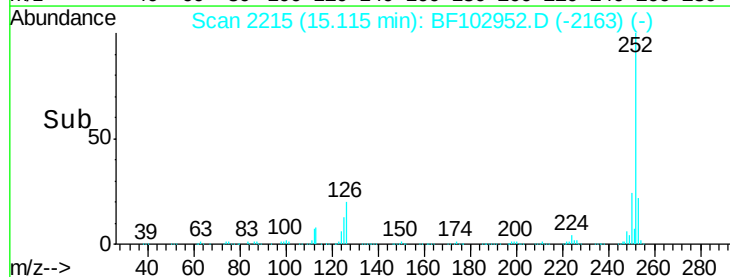
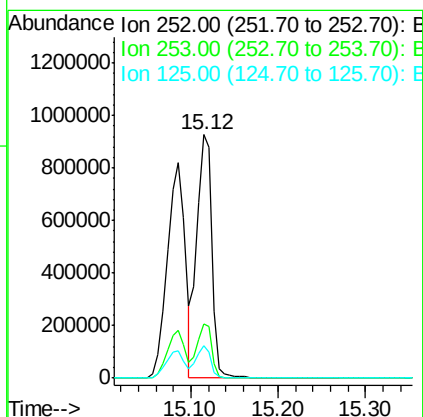
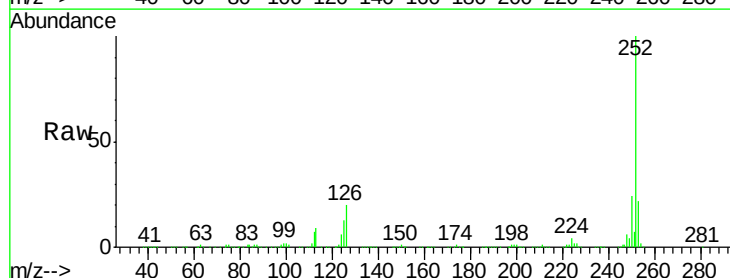
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

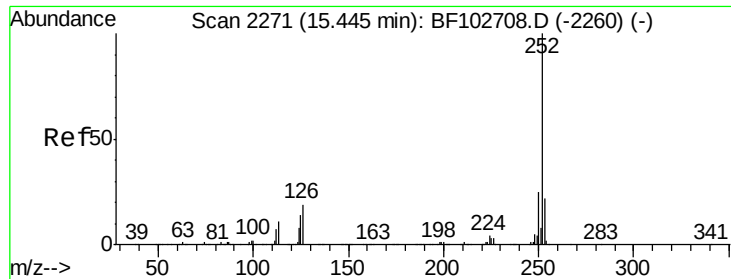
Tot Ion:252 Resp: 1153821
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.844 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:252 Resp: 1119324
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.4 10.2 15.2

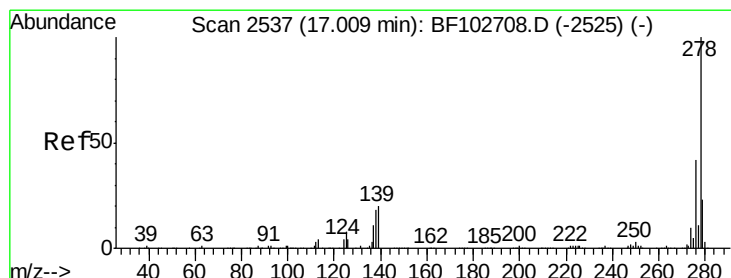
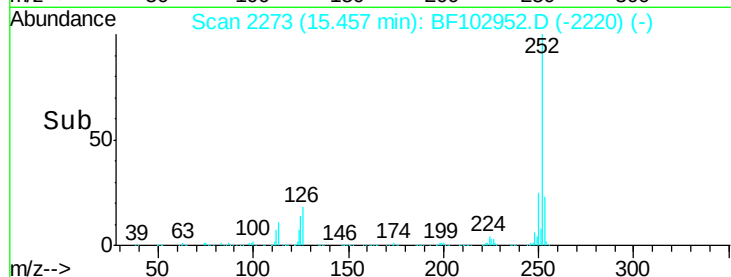
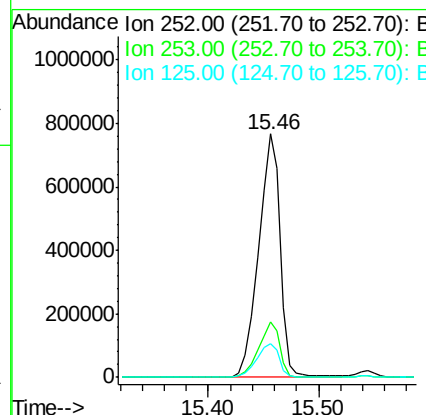
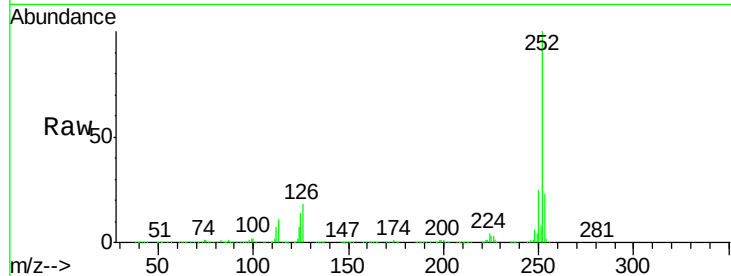




#89
Benzo(a)pyrene
Concen: 37.708 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

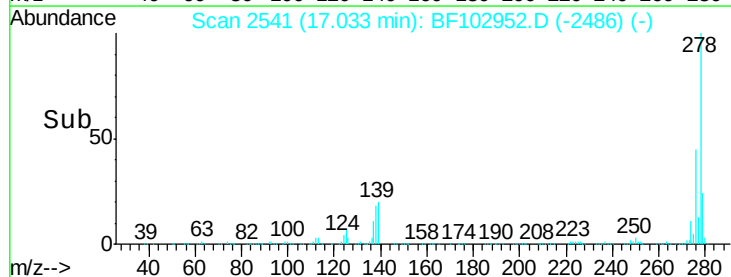
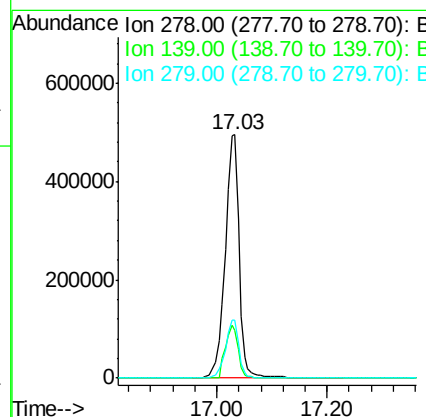
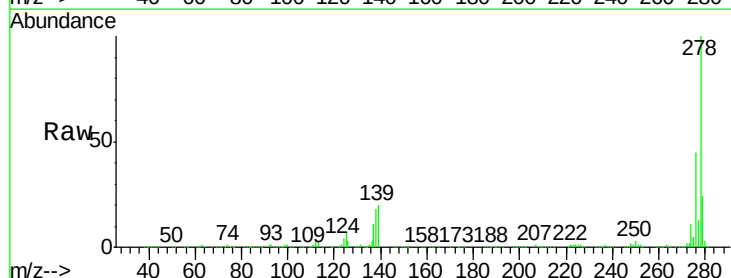
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

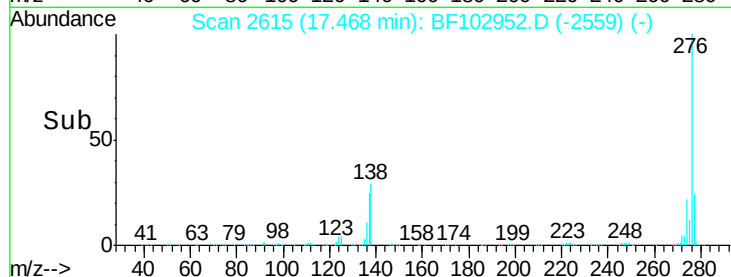
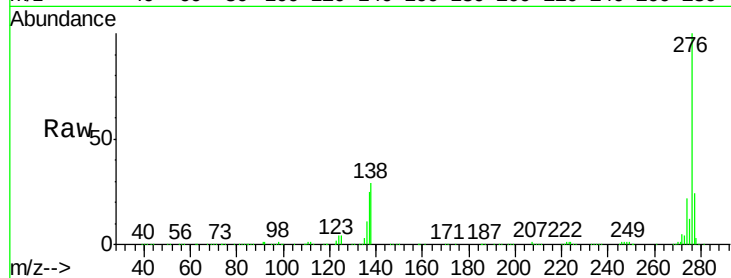
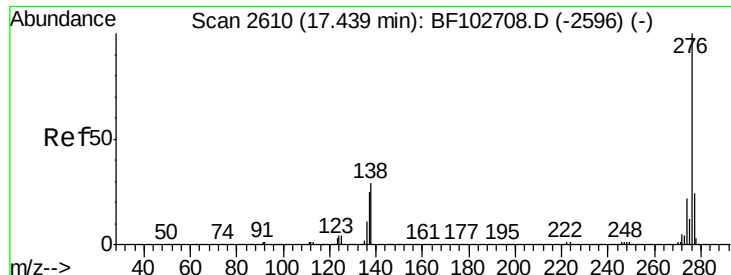
Tot Ion:252 Resp: 1050675
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 13.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.034 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102952.D
Acq: 13 Feb 2018 10:46

Tgt Ion:278 Resp: 882793
Ion Ratio Lower Upper
278 100
139 19.7 15.9 23.9
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.075 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.03 min

Lab File: BF102952.D

Acq: 13 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 864965

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.7 21.8 32.8

