

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103446.D
 Acq On : 6 Mar 2018 10:50
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 06 11:54:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118086	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	503330	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	230464	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	392017	20.00	ng	0.00
75) Chrysene-d12	14.07	240	269976	20.00	ng	0.00
86) Perylene-d12	15.57	264	258849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	643549	82.42	ng	0.00
7) Phenol-d6	6.52	99	761364	79.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	689587	78.24	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	132570	67.96	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1006817	72.68	ng	0.00
78) Terphenyl-d14	13.00	244	813562	72.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	159372	38.647	ng	93
3) Pyridine	3.43	79	418273	37.993	ng	99
4) n-Nitrosodimethylamine	3.38	42	172816	38.923	ng	88
6) Aniline	6.54	93	533889	38.720	ng	# 82
8) 2-Chlorophenol	6.66	128	316466	39.017	ng	93
9) Benzaldehyde	6.43	77	220403	37.181	ng	94
10) Phenol	6.53	94	428379	38.624	ng	85
11) bis(2-Chloroethyl)ether	6.60	93	343058	40.754	ng	93
12) 1,3-Dichlorobenzene	6.81	146	359829	38.821	ng	95
13) 1,4-Dichlorobenzene	6.89	146	373045	40.143	ng	98
14) 1,2-Dichlorobenzene	7.05	146	332679	38.824	ng	98
15) Benzyl Alcohol	7.02	79	275851	38.316	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	536243	37.097	ng	58
17) 2-Methylphenol	7.13	107	287983	39.070	ng	# 87
18) Hexachloroethane	7.37	117	129736	38.350	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	241536	40.622	ng	97
20) 3+4-Methylphenols	7.29	107	362869	40.386	ng	# 54
22) Acetophenone	7.29	105	468593	39.885	ng	# 88
24) Nitrobenzene	7.46	77	385462	39.723	ng	96
25) Isophorone	7.69	82	665079	38.314	ng	96
26) 2-Nitrophenol	7.77	139	182966	40.052	ng	91
27) 2,4-Dimethylphenol	7.81	122	264423	37.869	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	396816	38.882	ng	97
29) 2,4-Dichlorophenol	8.02	162	267741	40.050	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	264872	37.206	ng	99
31) Naphthalene	8.18	128	927080	37.622	ng	99
32) Benzoic acid	7.96	122	190167	38.335	ng	97
33) 4-Chloroaniline	8.23	127	422208	39.705	ng	97
34) Hexachlorobutadiene	8.29	225	135670	36.597	ng	98
35) Caprolactam	8.61	113	89044	37.898	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	298253	39.554	ng	99
37) 2-Methylnaphthalene	8.87	142	604822	37.978	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	234338	37.194	ng	98
40) Hexachlorocyclopentadiene	9.02	237	65074	34.931	ng	98

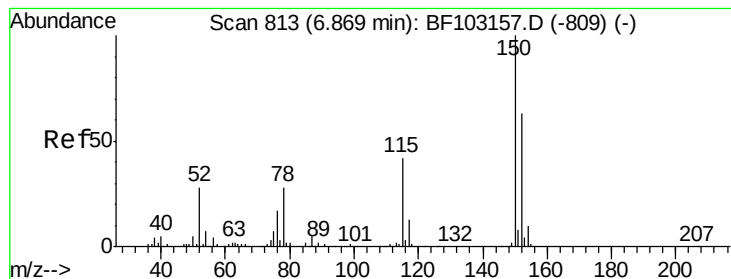
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103446.D
 Acq On : 6 Mar 2018 10:50
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	157687	37.196	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	174442	35.776	nq	96
45) 1,1'-Biphenyl	9.33	154	710502	36.791	nq	99
46) 2-Chloronaphthalene	9.36	162	562849	36.840	nq	99
47) 2-Nitroaniline	9.47	65	238280	42.104	nq	87
48) Acenaphthylene	9.78	152	865133	36.803	nq	99
49) Dimethylphthalate	9.63	163	663355	35.880	nq	99
50) 2,6-Dinitrotoluene	9.70	165	144720	37.301	nq	# 73
51) Acenaphthene	9.95	154	501351	36.576	nq	99
52) 3-Nitroaniline	9.88	138	189362	38.469	nq	94
53) 2,4-Dinitrophenol	10.01	184	41206	35.488	nq	# 22
54) Dibenzofuran	10.12	168	678233	36.045	nq	95
55) 4-Nitrophenol	10.06	139	106166	34.800	nq	90
56) 2,4-Dinitrotoluene	10.12	165	168940	34.429	nq	# 79
57) Fluorene	10.47	166	578935	36.118	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	106100	32.392	nq	90
59) Diethylphthalate	10.33	149	628500	35.544	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	251906	37.059	nq	96
61) 4-Nitroaniline	10.50	138	173045	35.196	nq	99
62) Azobenzene	10.62	77	705094	39.175	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	75687	33.407	nq	# 82
65) n-Nitrosodiphenylamine	10.57	169	502605	36.822	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	145093	35.530	nq	96
67) Hexachlorobenzene	11.02	284	155897	35.172	nq	98
68) Atrazine	11.10	200	141022	34.374	nq	99
69) Pentachlorophenol	11.22	266	77637	36.226	nq	97
70) Phenanthrene	11.43	178	787219	36.489	nq	99
71) Anthracene	11.49	178	823417	37.221	nq	100
72) Carbazole	11.64	167	819346	37.191	nq	99
73) Di-n-butylphthalate	11.96	149	1012328	36.723	nq	99
74) Fluoranthene	12.63	202	799709	36.888	nq	99
76) Benzidine	12.75	184	434552	43.054	nq	99
77) Pyrene	12.86	202	815609	38.748	nq	100
79) Butylbenzylphthalate	13.46	149	442450	39.785	nq	96
80) Benzo(a)anthracene	14.06	228	661279	37.751	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	224451	35.904	nq	96
82) Chrysene	14.10	228	641380	37.709	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	547260	36.466	nq	99
84) Di-n-octyl phthalate	14.63	149	975634	40.237	nq	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	554212	41.158	nq	98
87) Benzo(b)fluoranthene	15.13	252	603472	35.459	nq	99
88) Benzo(k)fluoranthene	15.16	252	586213	36.578	nq	99
89) Benzo(a)pyrene	15.52	252	566481	37.273	nq	98
90) Dibenzo(a,h)anthracene	17.13	278	465855	39.668	nq	97
91) Benzo(g,h,i)perylene	17.60	276	463371	40.372	nq	98

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

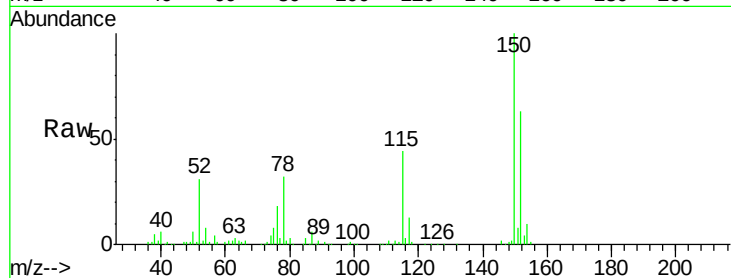


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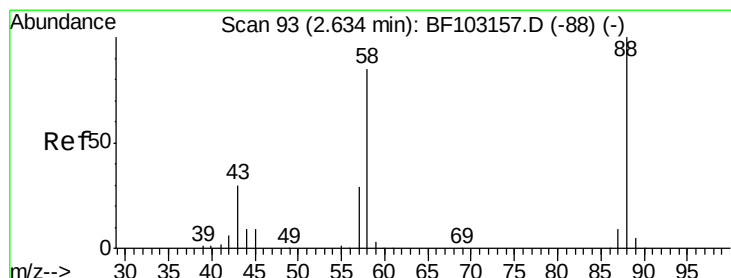
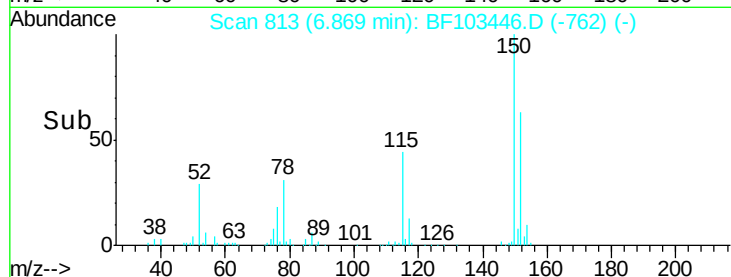
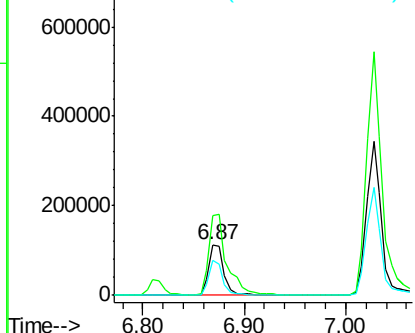
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 118086
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 69.3 50.1 75.1



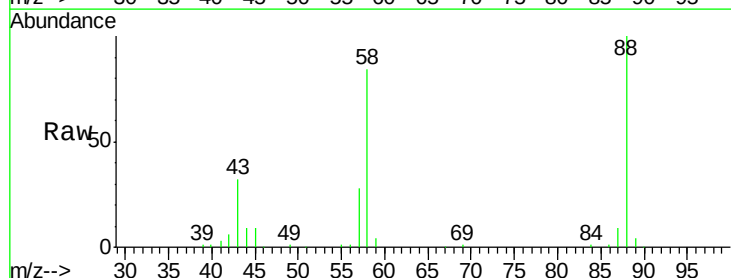
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



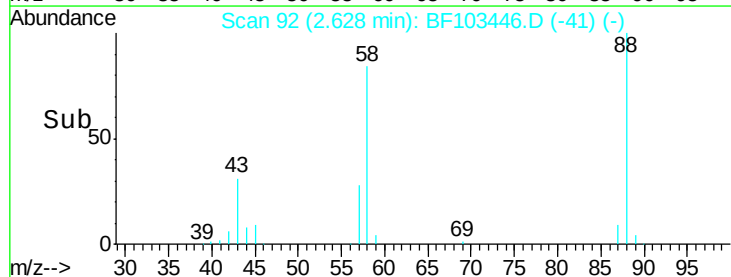
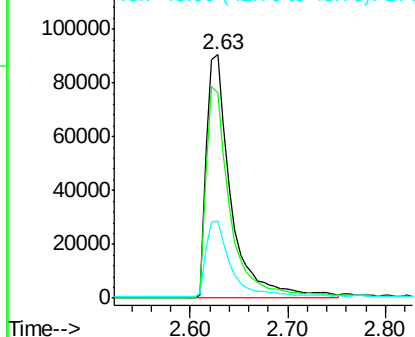
#2

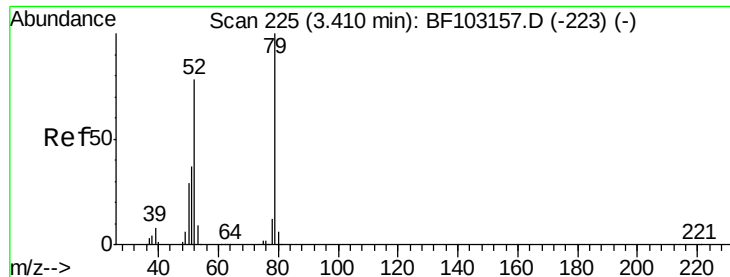
1,4-Dioxane
Concen: 38.647 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion: 88 Resp: 159372
Ion Ratio Lower Upper
88 100
58 87.0 62.6 93.8
43 31.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.993 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

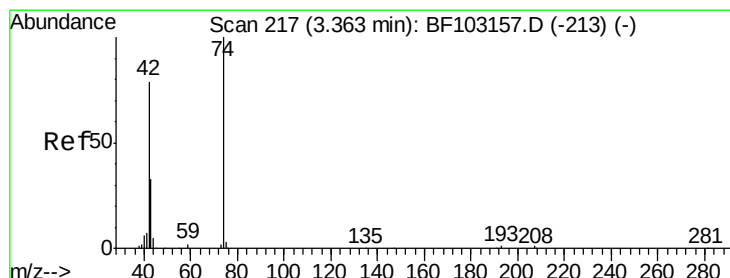
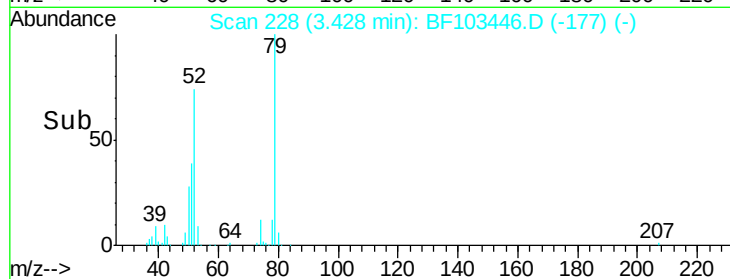
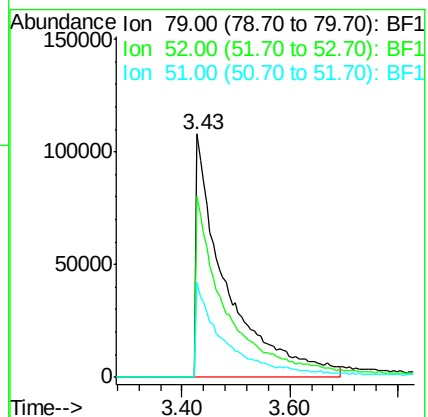
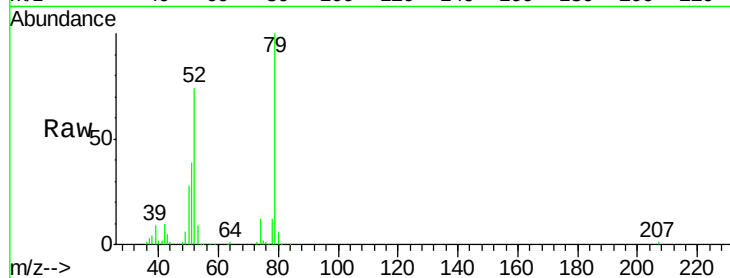
Tot Ion: 79 Resp: 418273

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

51 38.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.923 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

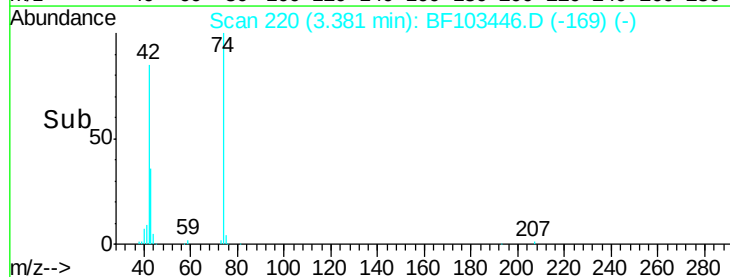
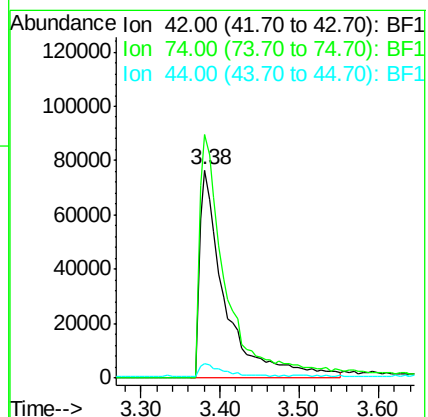
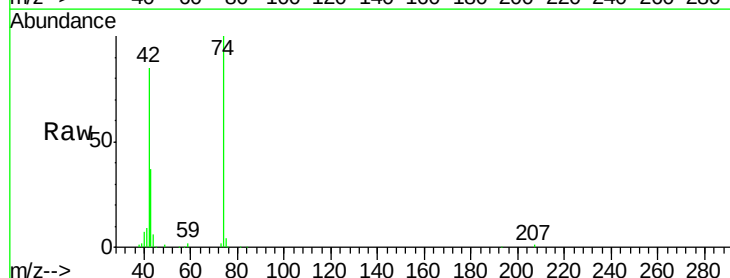
Tgt Ion: 42 Resp: 172816

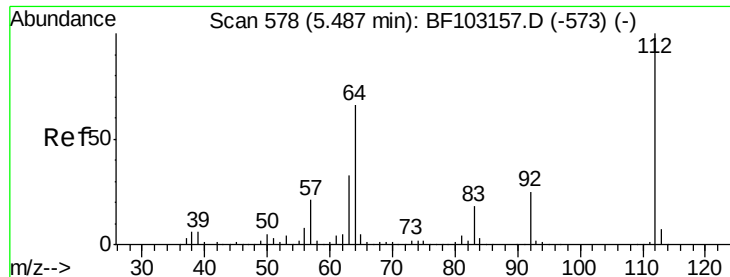
Ion Ratio Lower Upper

42 100

74 117.1 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 82.425 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

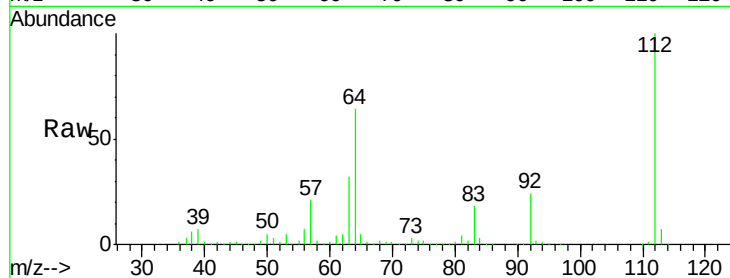
Tot Ion:112 Resp: 643549

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

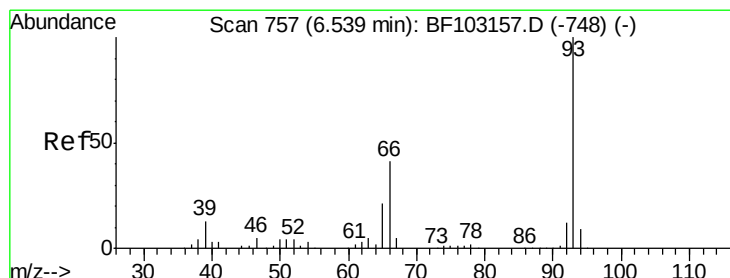
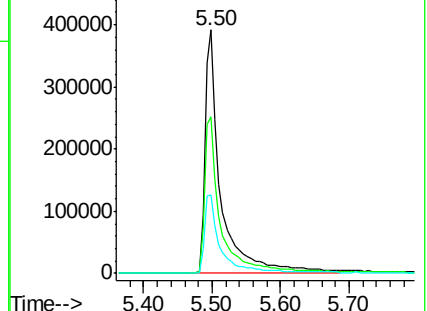
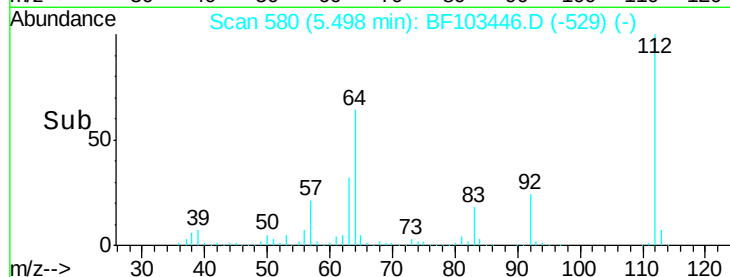
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.720 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

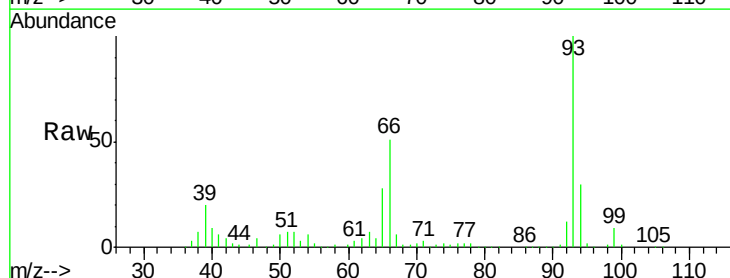
Tgt Ion: 93 Resp: 533889

Ion Ratio Lower Upper

93 100

66 51.3 32.2 48.2#

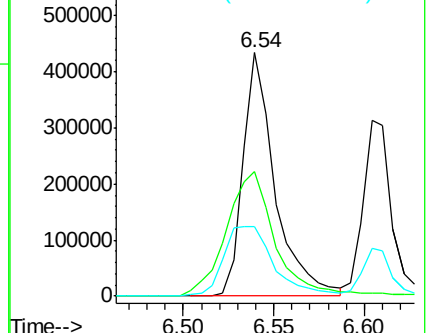
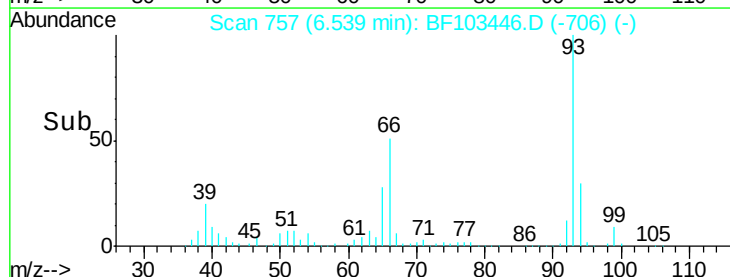
65 28.4 16.4 24.6#

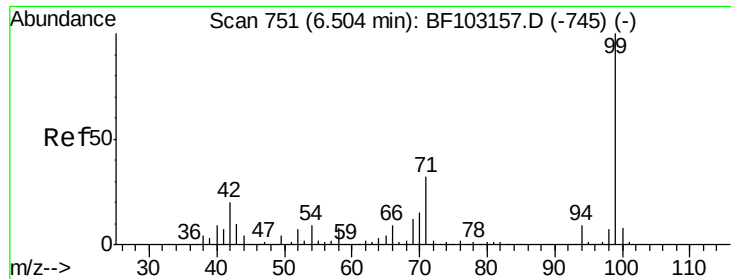


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.691 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

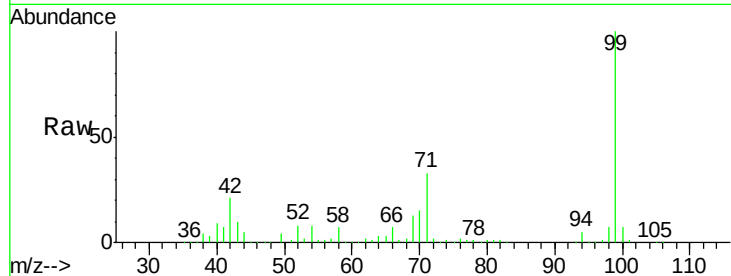
Tot Ion: 99 Resp: 761364

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

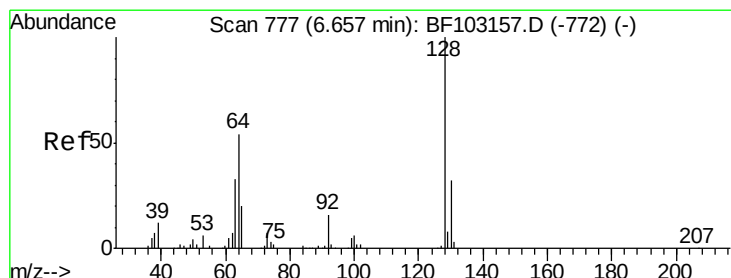
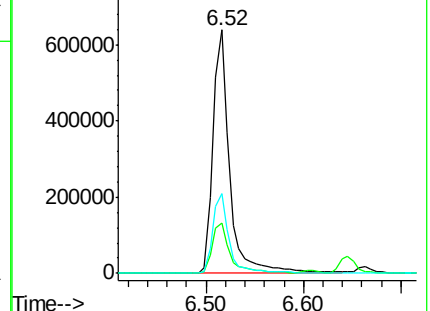
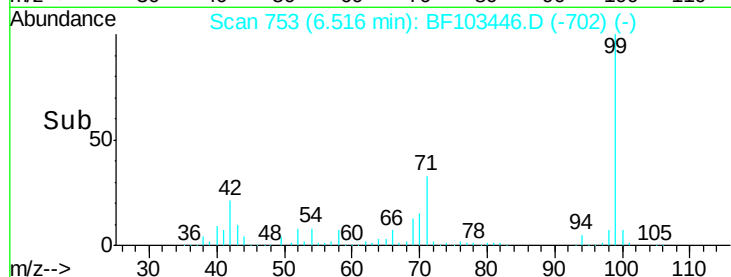
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.017 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

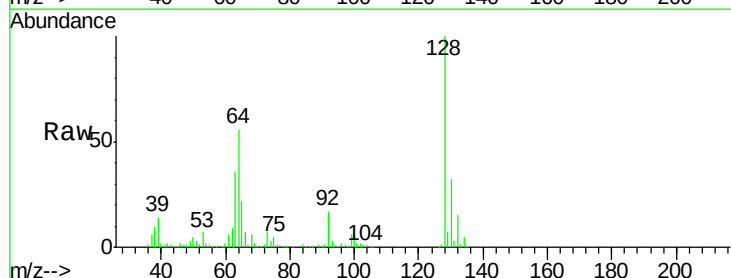
Tgt Ion: 128 Resp: 316466

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

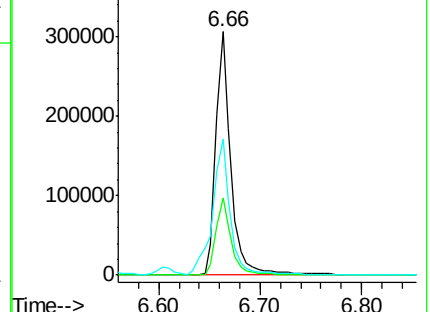
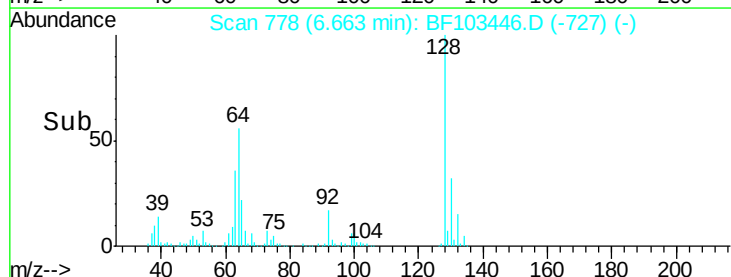
64 55.7 29.4 69.4

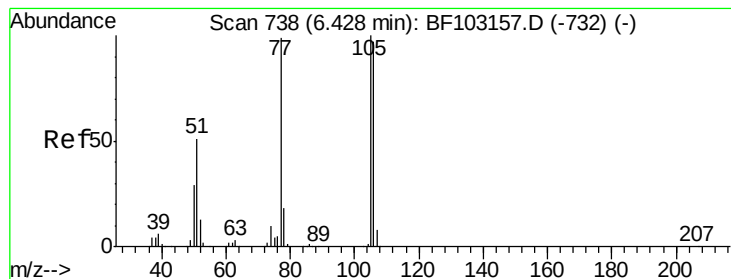


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.181 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

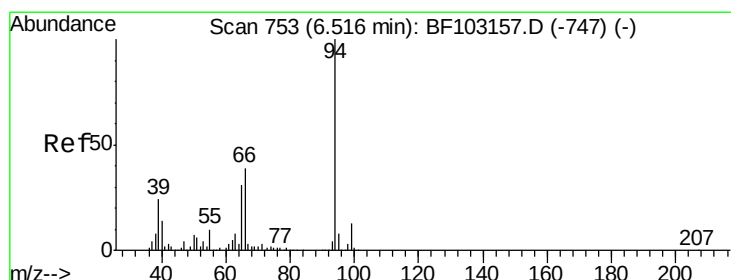
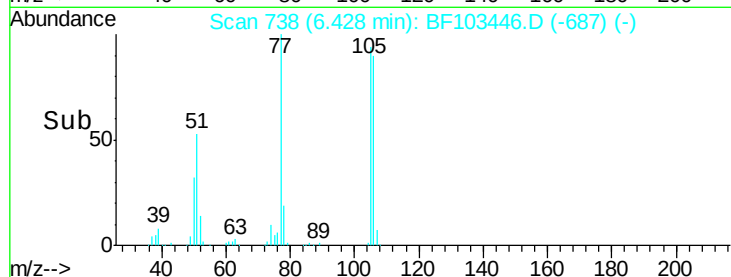
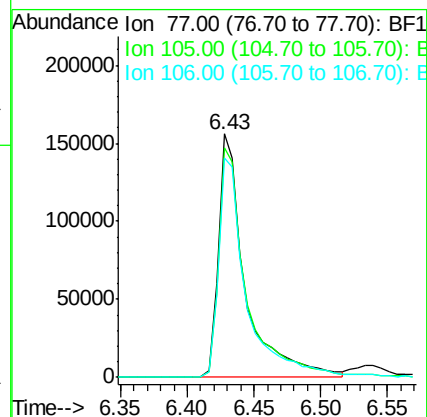
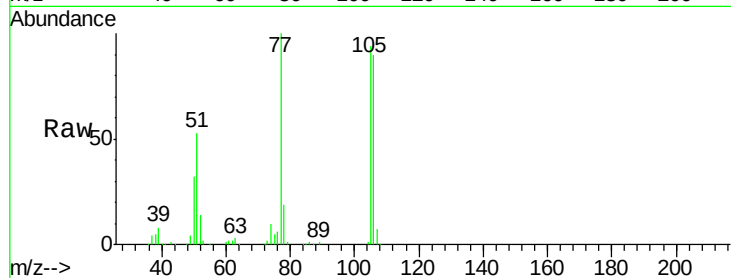
Tot Ion: 77 Resp: 220403

Ion Ratio Lower Upper

77 100

105 94.1 81.1 121.1

106 89.9 74.5 114.5



#10

Phenol

Concen: 38.624 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

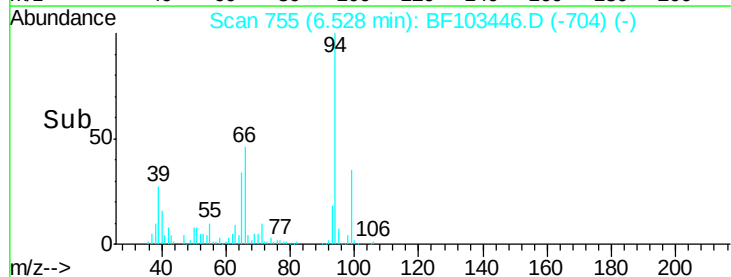
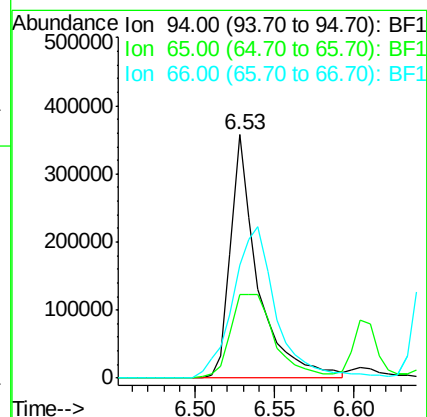
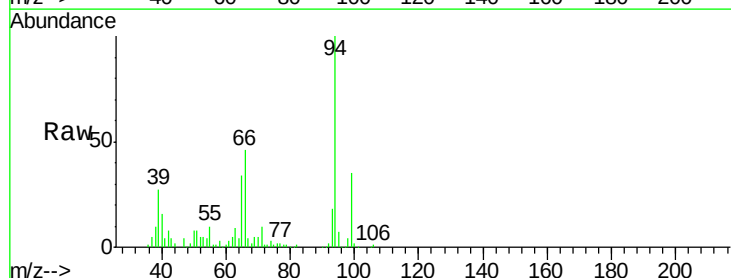
Tgt Ion: 94 Resp: 428379

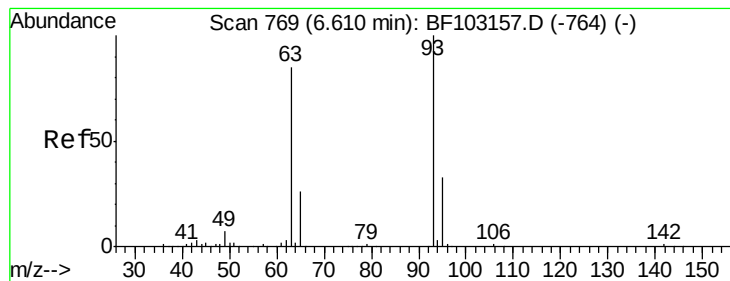
Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

66 46.4 16.2 56.2

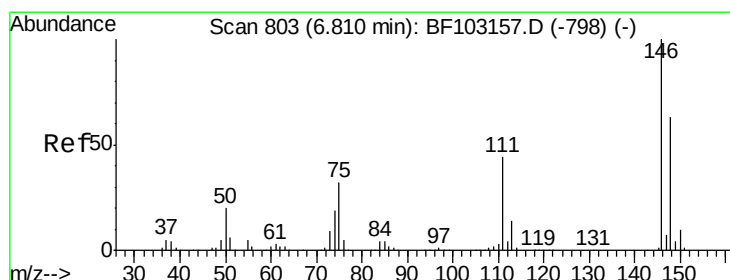
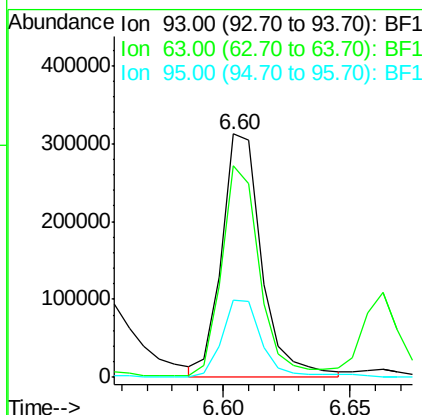
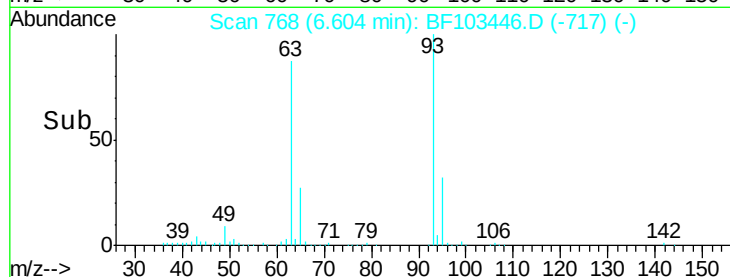
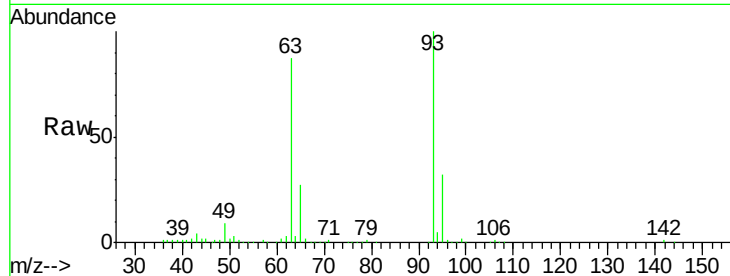




#11
 bis(2-Chloroethyl)ether
 Concen: 40.754 ng
 RT: 6.60 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

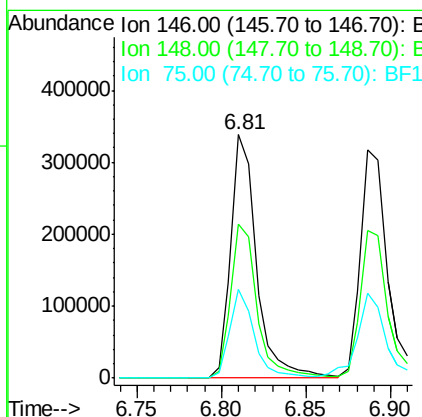
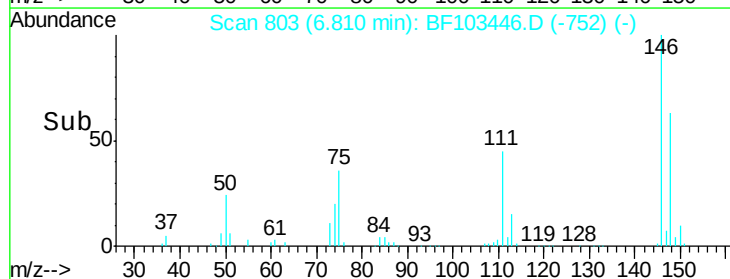
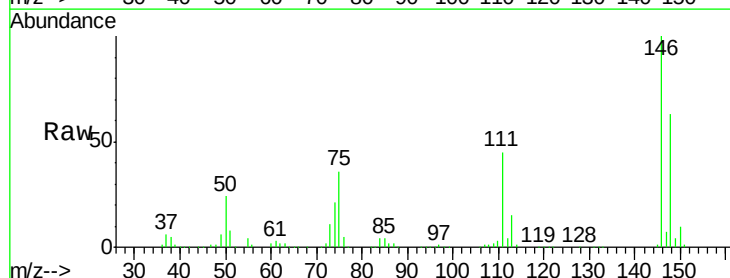
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

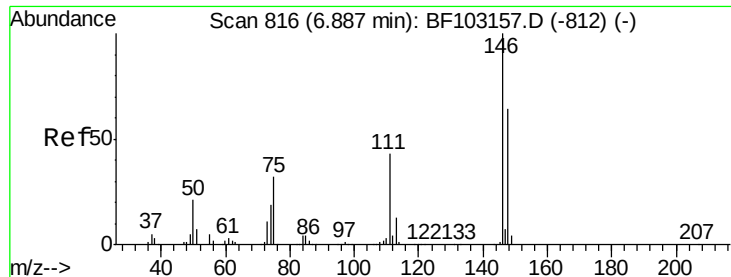
Tot Ion: 93 Resp: 343058
 Ion Ratio Lower Upper
 93 100
 63 87.1 58.6 98.6
 95 31.6 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.821 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion: 146 Resp: 359829
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.8
 75 36.3 24.2 36.4

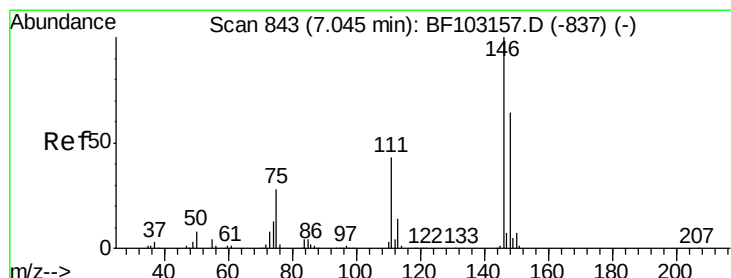
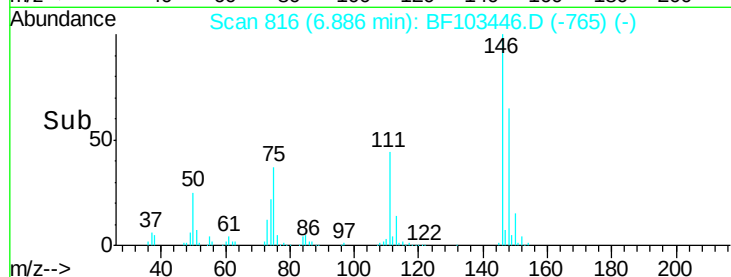
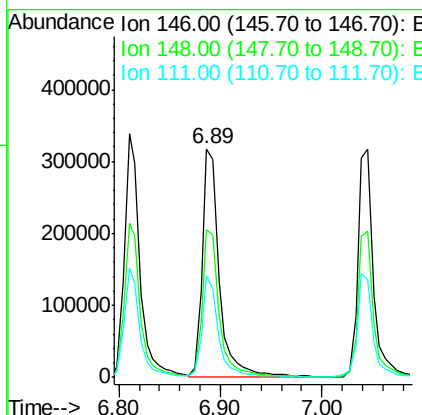
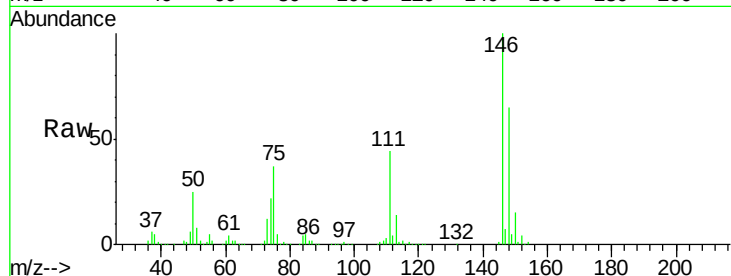




#13
 1,4-Dichlorobenzene
 Concen: 40.143 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

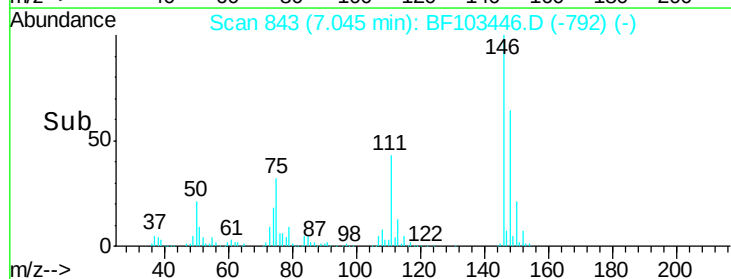
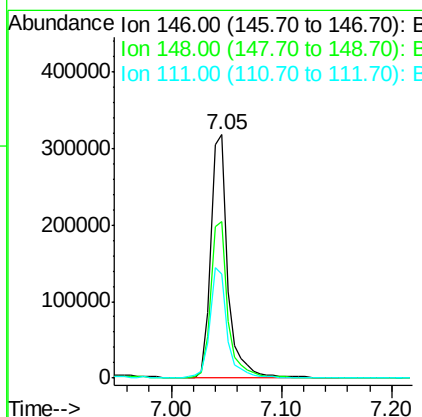
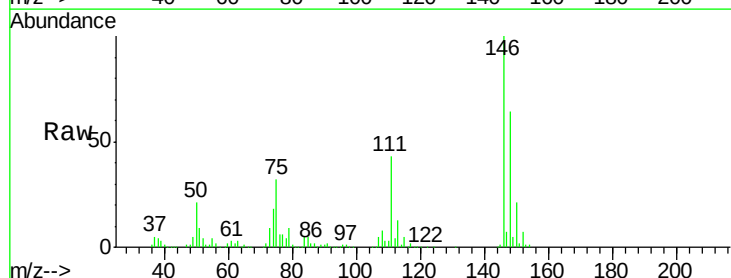
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

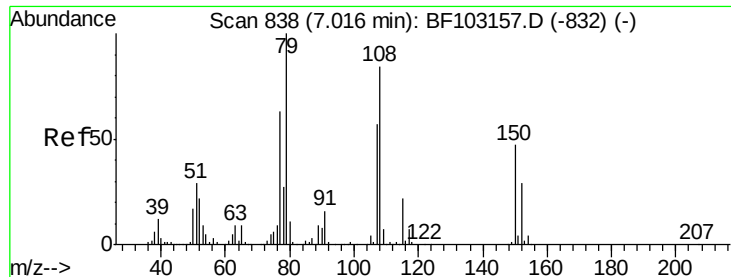
Tot Ion:146 Resp: 373045
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 44.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.824 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:146 Resp: 332679
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 42.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.316 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

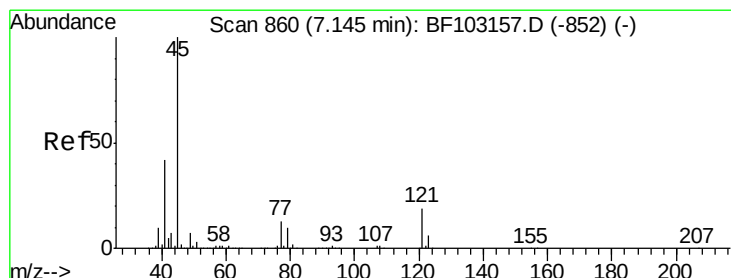
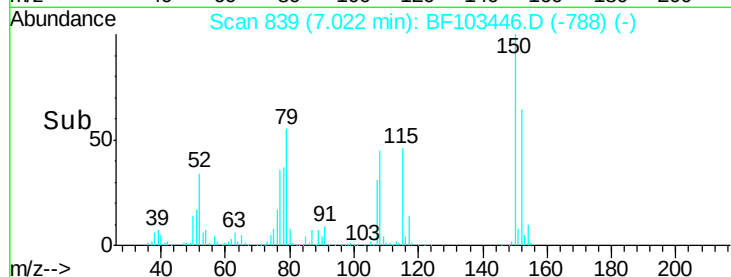
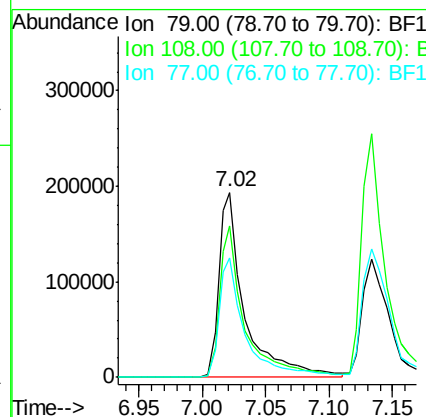
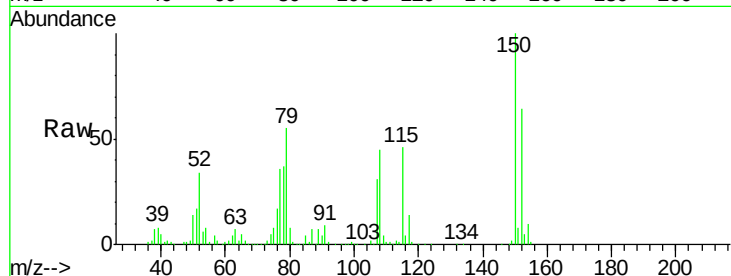
Tot Ion: 79 Resp: 275851

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

77 64.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.097 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

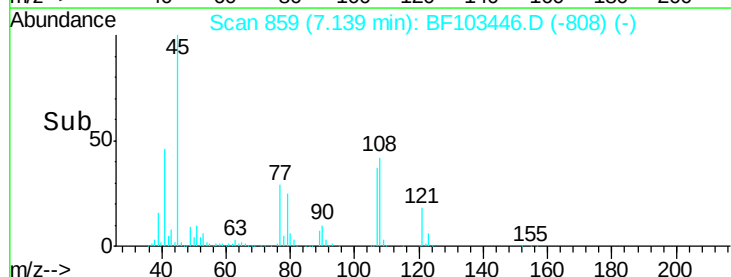
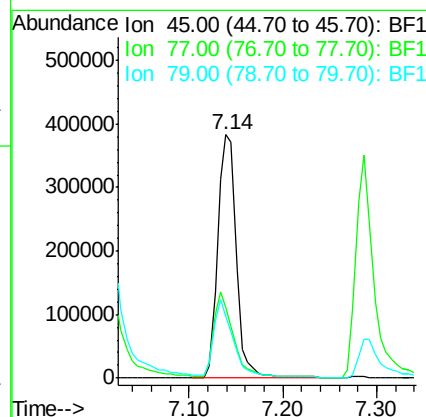
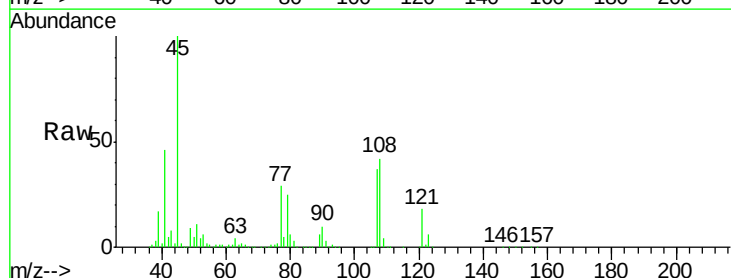
Tgt Ion: 45 Resp: 536243

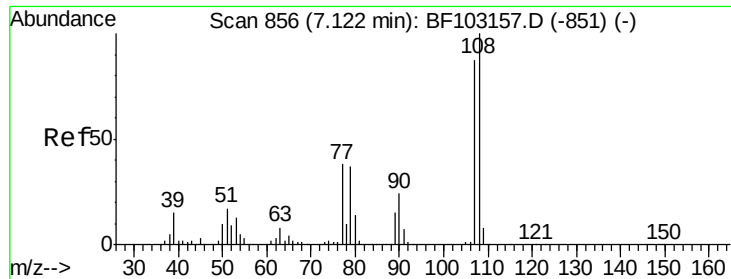
Ion Ratio Lower Upper

45 100

77 29.0 0.0 32.9

79 25.3 0.0 29.6

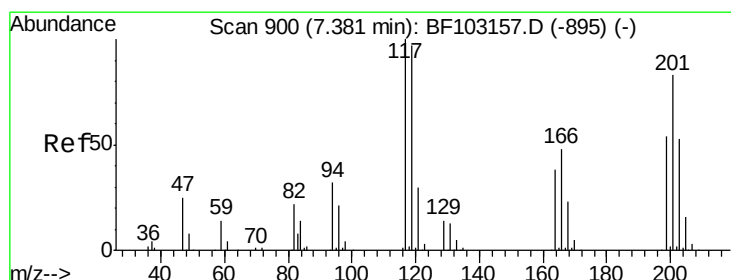
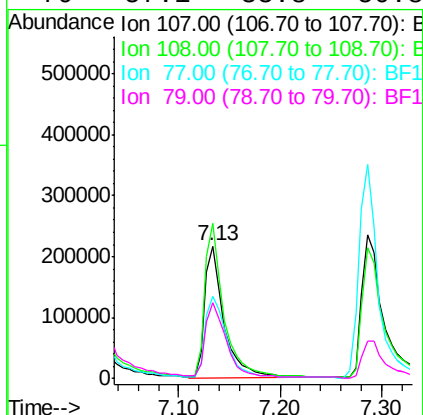
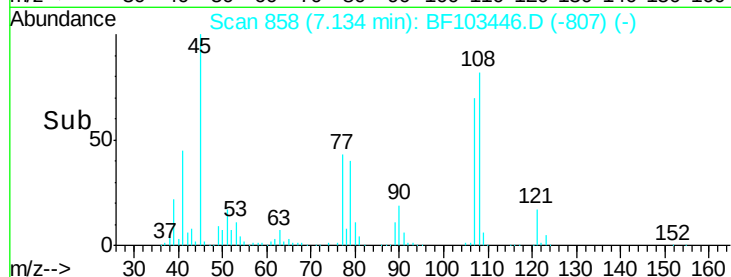
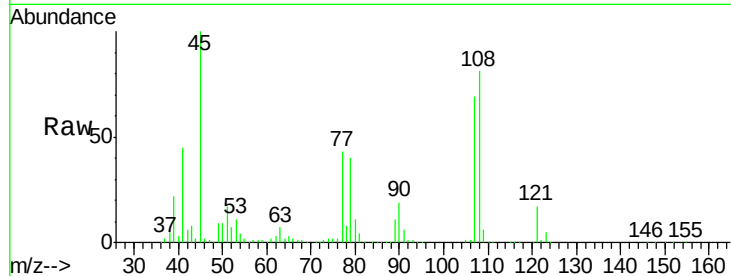




#17
2-Methylphenol
Concen: 39.070 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

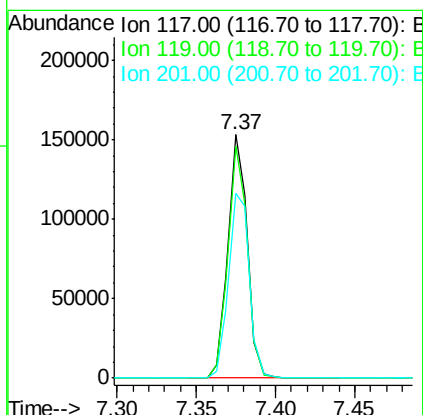
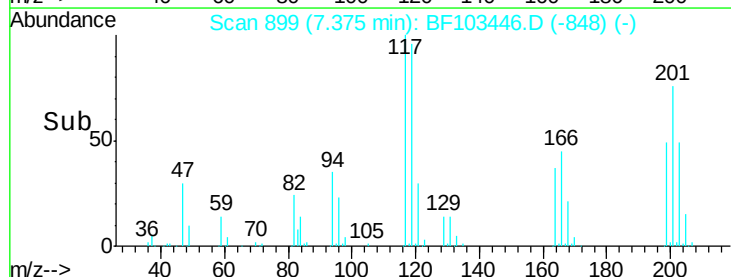
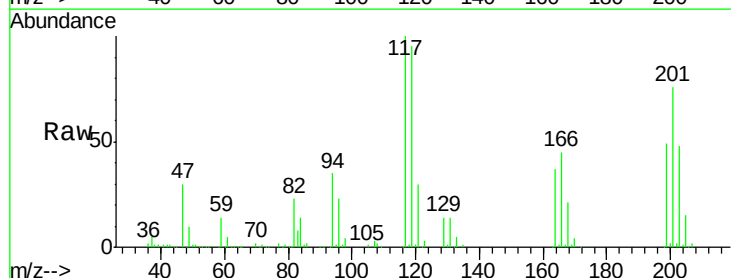
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

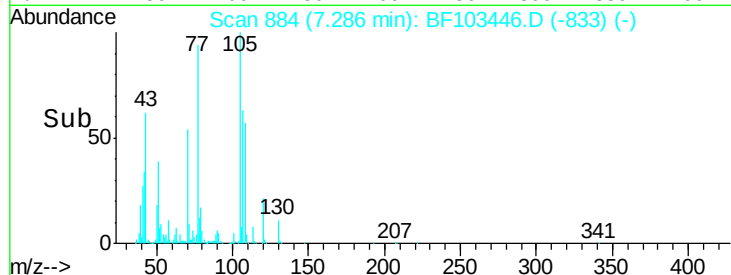
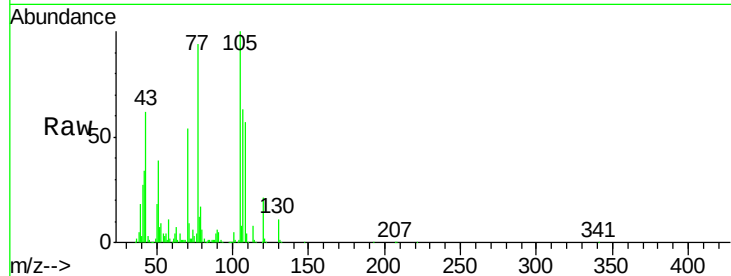
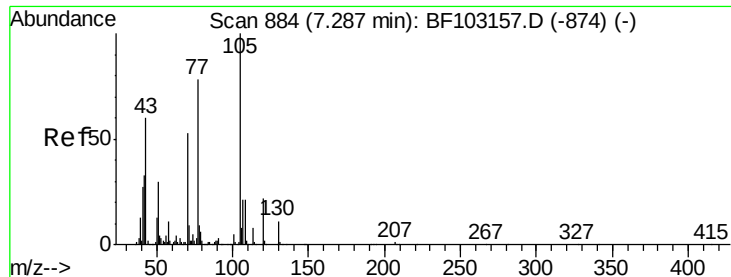
Tot Ion:107 Resp: 287983
Ion Ratio Lower Upper
107 100
108 117.3 91.7 137.5
77 62.1 33.8 50.8#
79 57.1 33.8 50.8#



#18
Hexachloroethane
Concen: 38.350 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:117 Resp: 129736
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 76.0 75.7 113.5

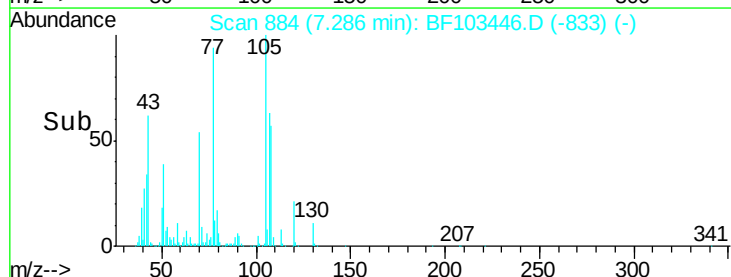
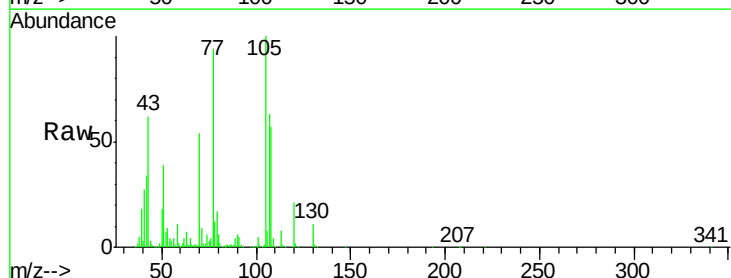
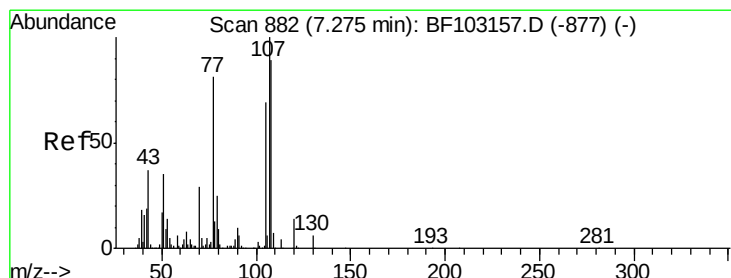
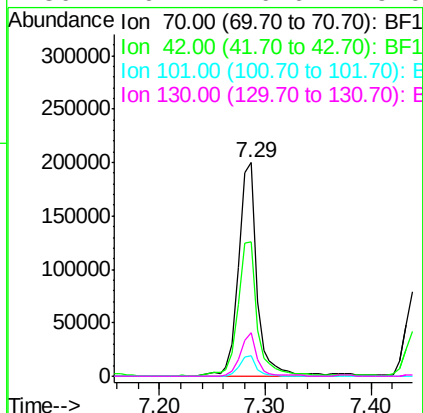




#19
n-Nitroso-di-n-propylamine
Concen: 40.622 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

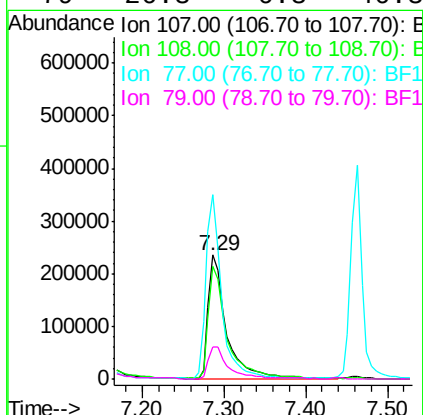
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

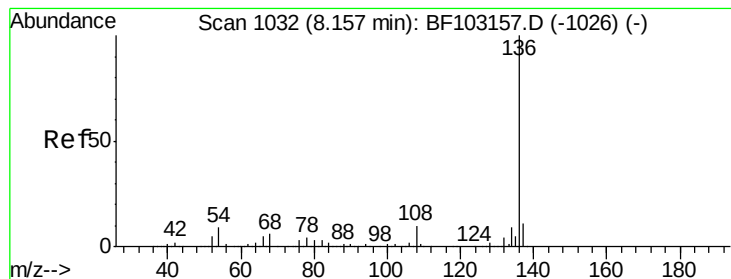
Tot Ion: 70 Resp: 241536
Ion Ratio Lower Upper
70 100
42 62.8 47.5 71.3
101 9.7 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.386 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion: 107 Resp: 362869
Ion Ratio Lower Upper
107 100
108 90.8 68.2 108.2
77 149.1 26.7 66.7#
79 26.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 503330

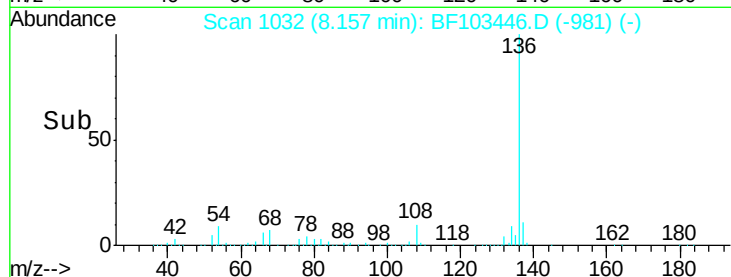
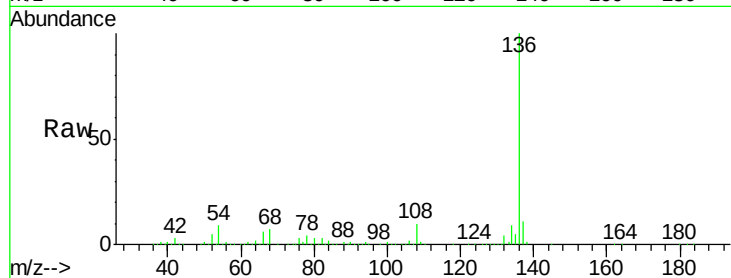
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 6.6 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E

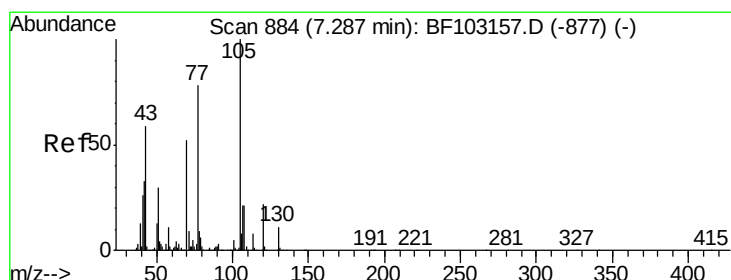
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.16

Time-->



#22

Acetophenone

Concen: 39.885 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Tgt Ion:105 Resp: 468593

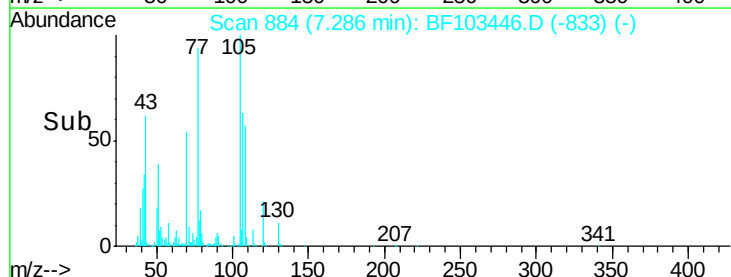
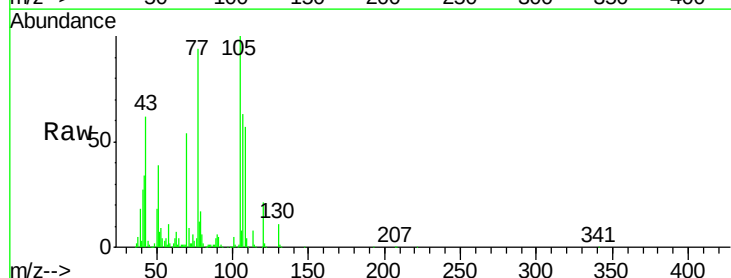
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 39.2 22.3 33.5#

120 21.4 16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E

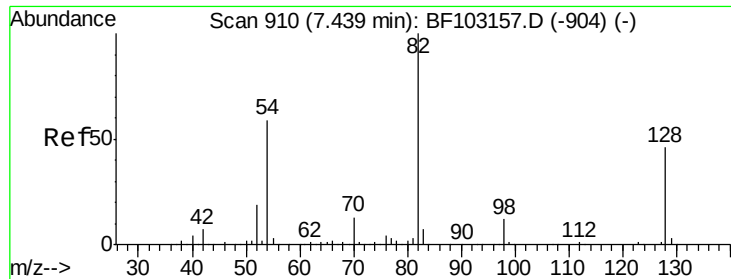
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

7.29

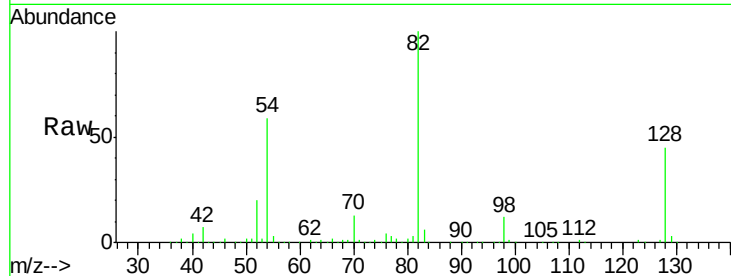
Time-->



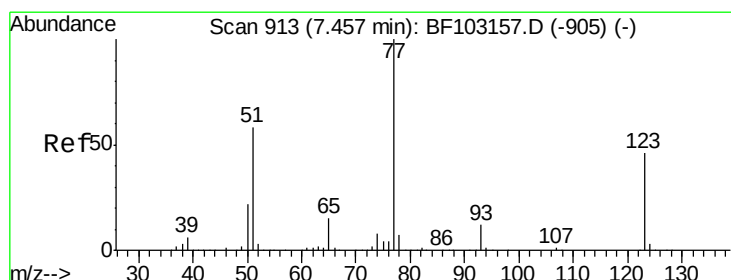
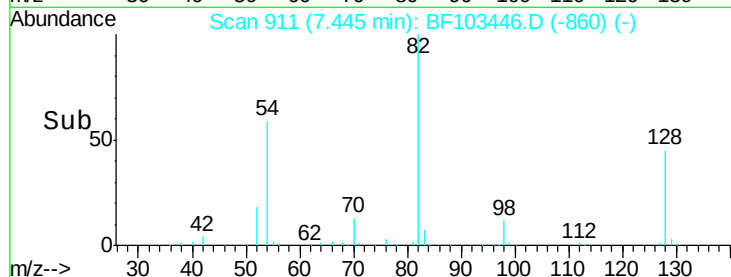
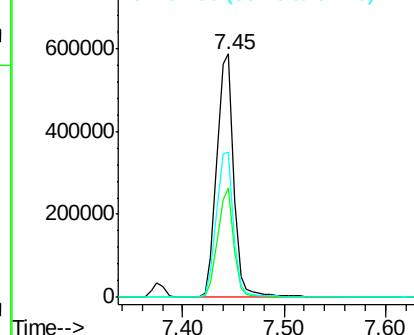
#23
 Nitrobenzene-d5
 Concen: 78.241 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 689587
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 59.4 41.4 62.2

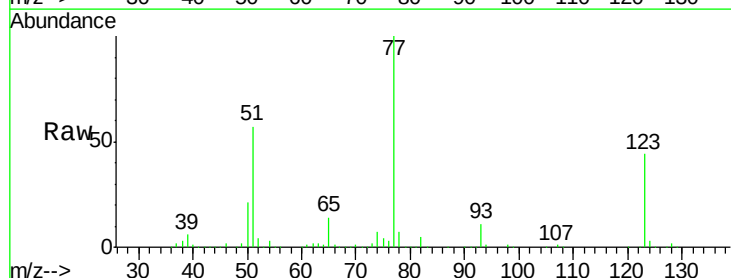


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

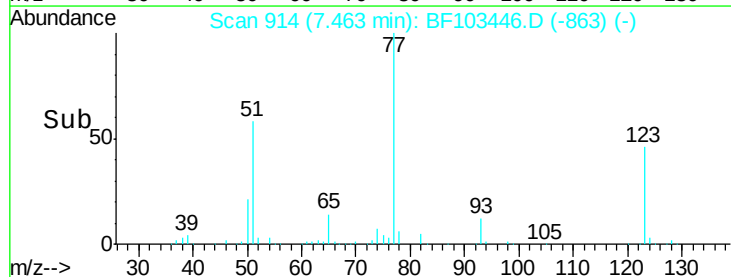
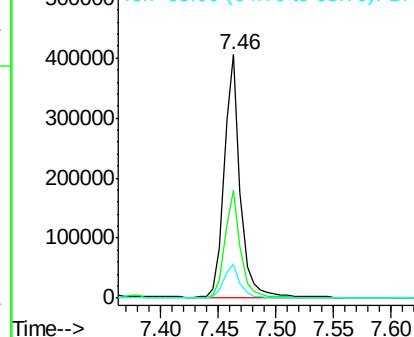


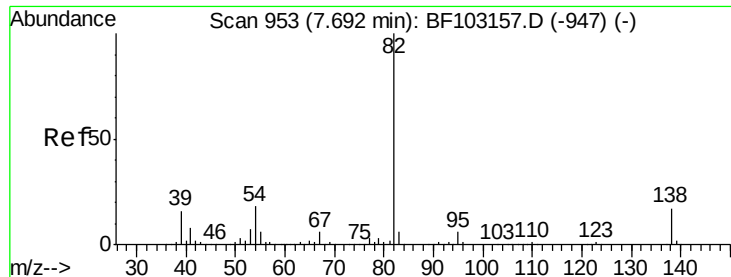
#24
 Nitrobenzene
 Concen: 39.723 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion: 77 Resp: 385462
 Ion Ratio Lower Upper
 77 100
 123 44.3 37.9 56.9
 65 14.1 11.0 16.4



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





#25

Isophorone

Concen: 38.314 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

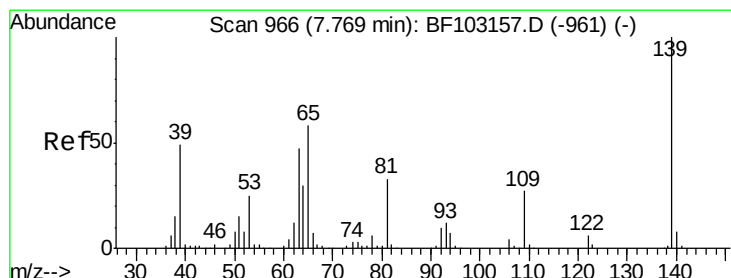
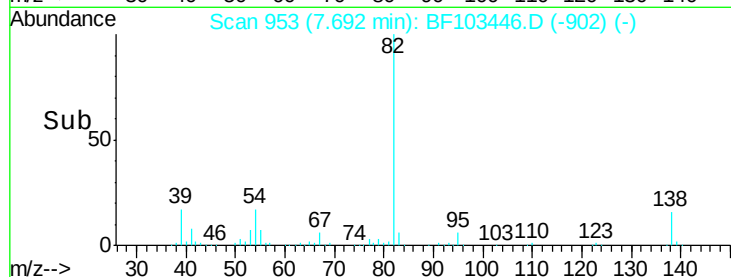
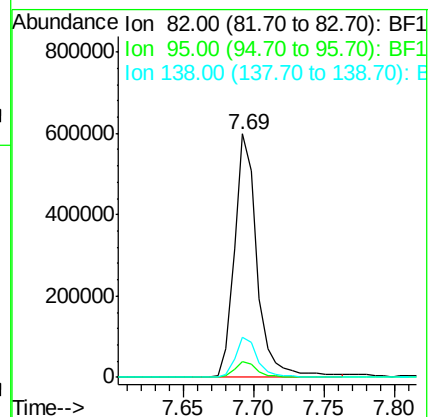
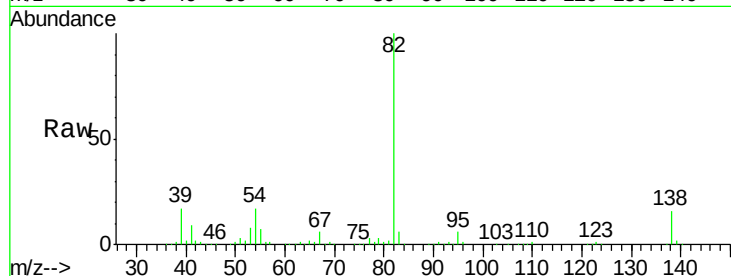
Tot Ion: 82 Resp: 665079

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.3 14.9 22.3



#26

2-Nitrophenol

Concen: 40.052 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

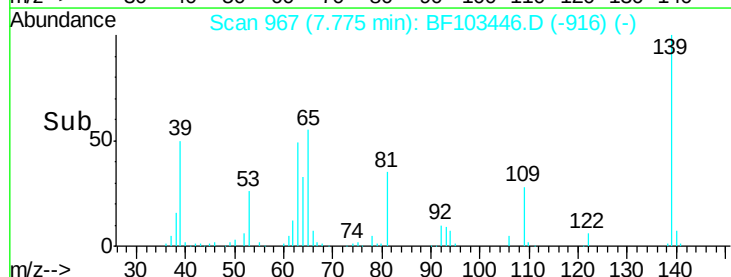
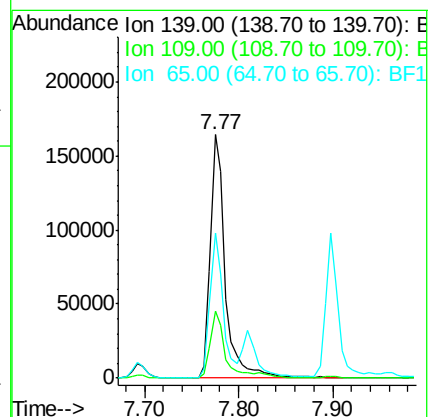
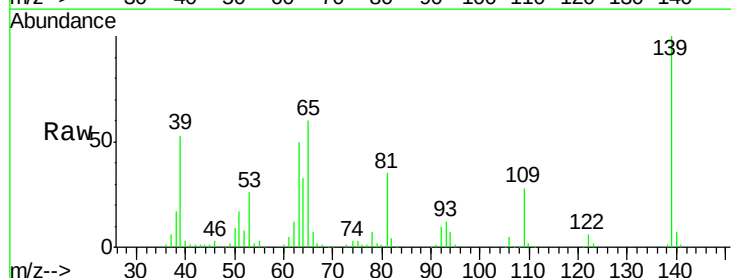
Tgt Ion: 139 Resp: 182966

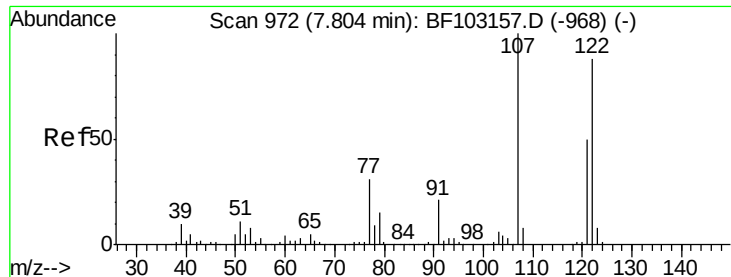
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 59.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.869 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

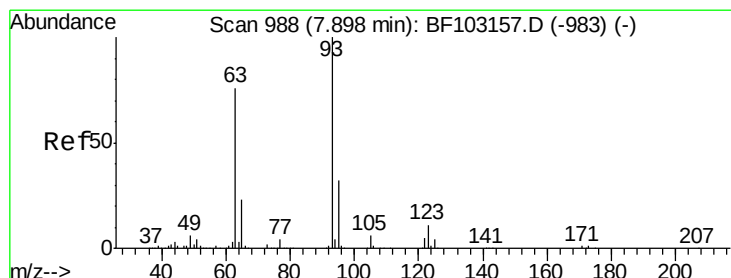
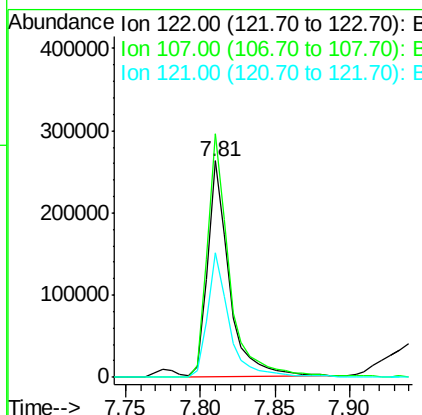
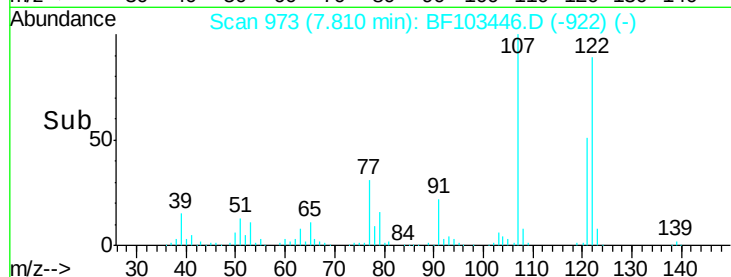
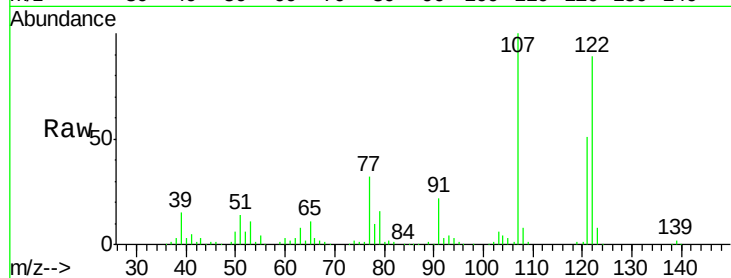
Tot Ion:122 Resp: 264423

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

121 57.5 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.882 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

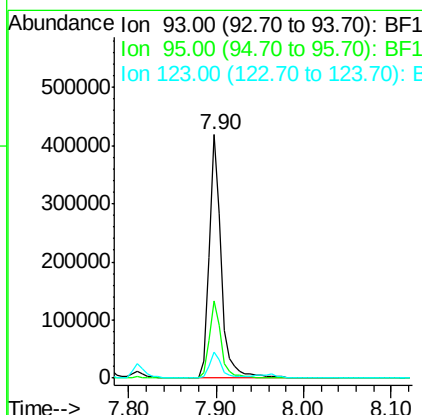
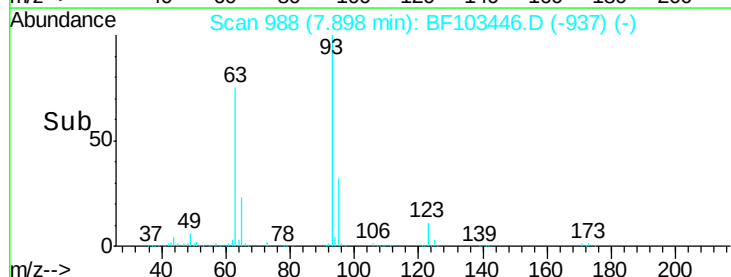
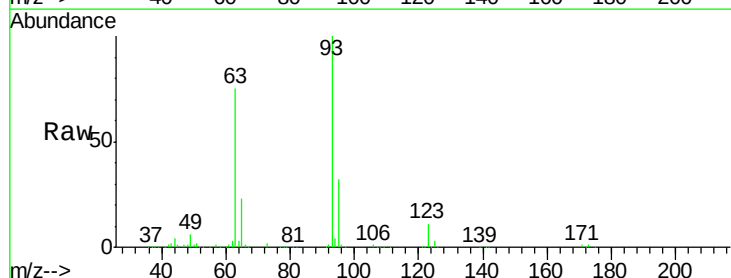
Tgt Ion: 93 Resp: 396816

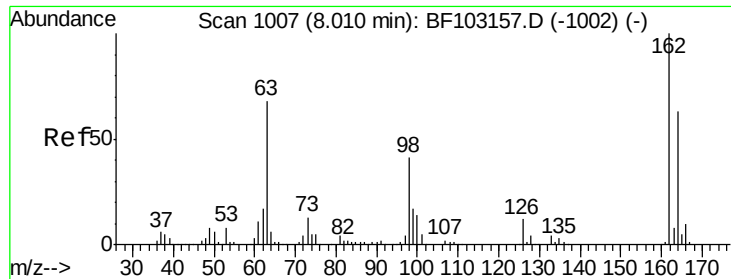
Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

123 10.8 9.8 14.6

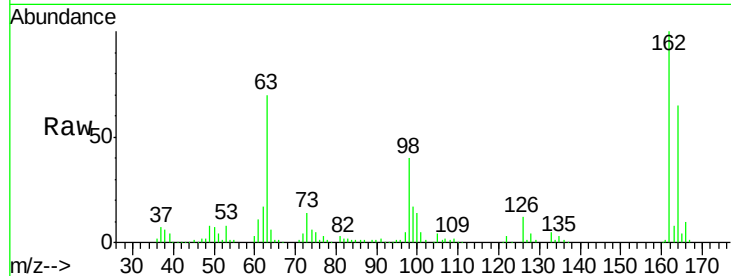




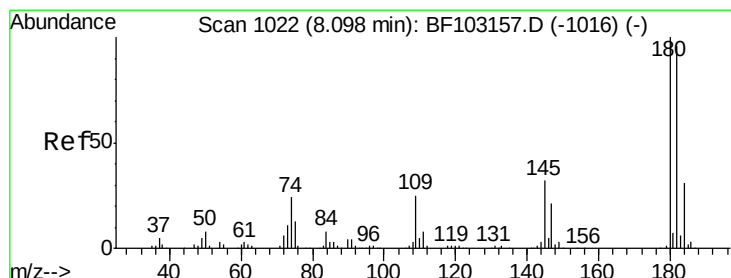
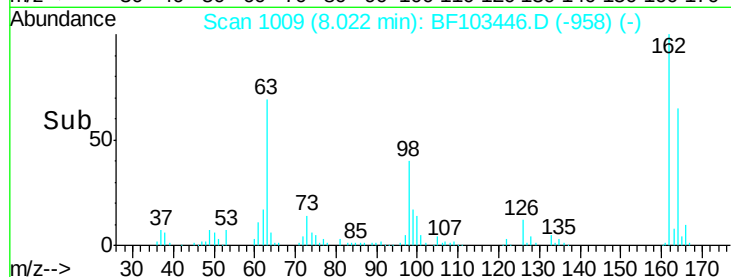
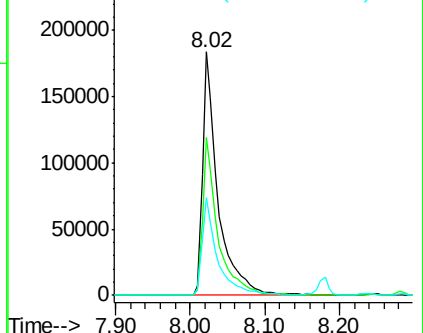
#29
 2,4-Dichlorophenol
 Concen: 40.050 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 267741
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.7 82.7
 98 40.2 18.1 58.1

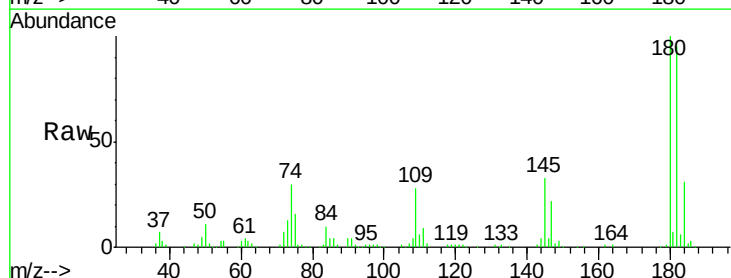


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

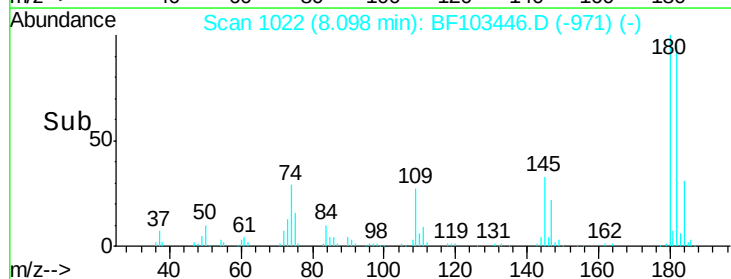
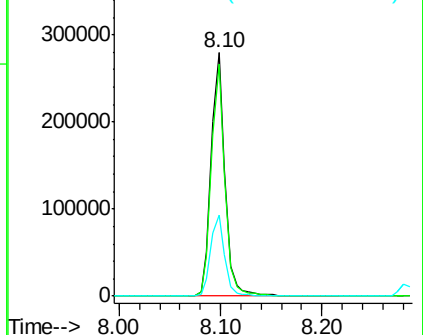


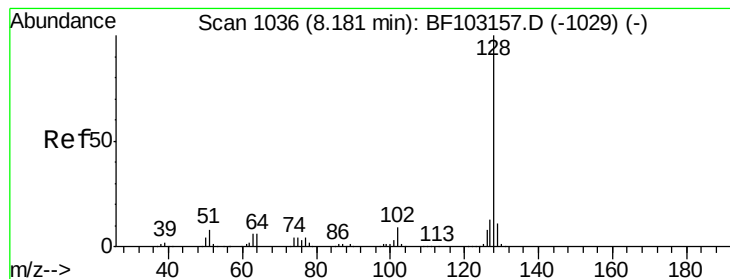
#30
 1,2,4-Trichlorobenzene
 Concen: 37.206 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:180 Resp: 264872
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 145 33.4 26.5 39.7



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





#31

Naphthalene

Concen: 37.622 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

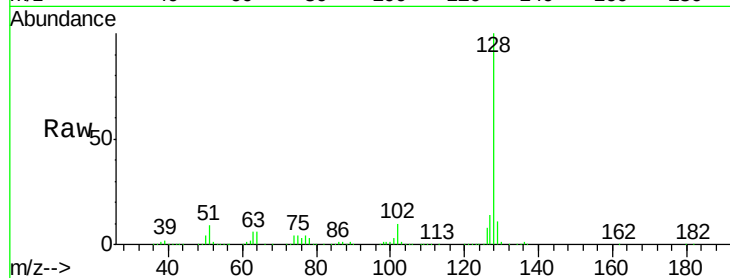
Tot Ion:128 Resp: 927080

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

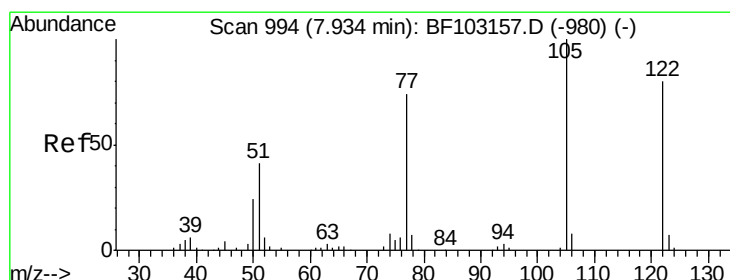
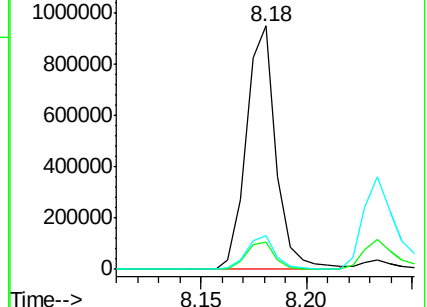
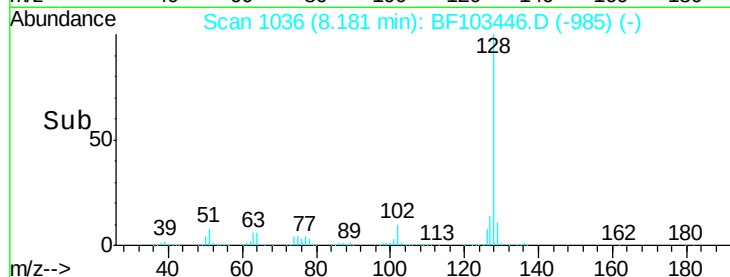
127 14.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.335 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

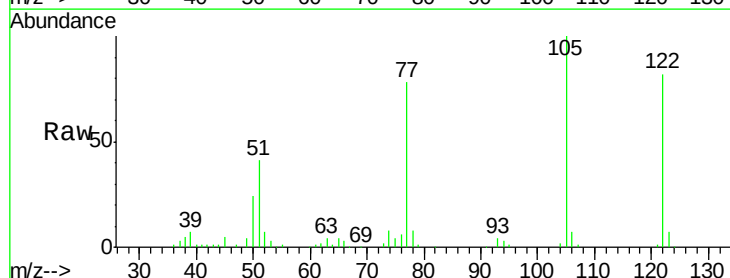
Tgt Ion:122 Resp: 190167

Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

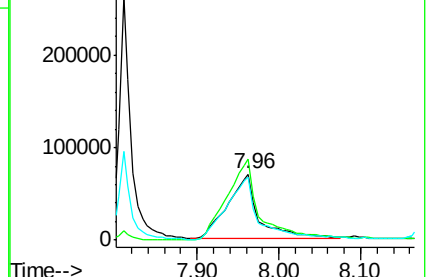
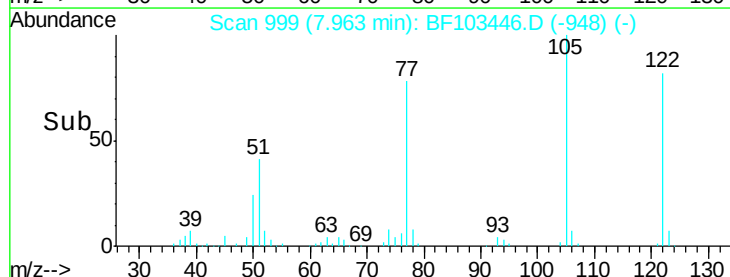
77 95.7 70.7 110.7

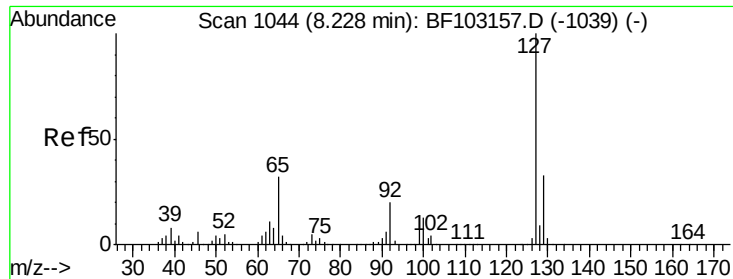


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

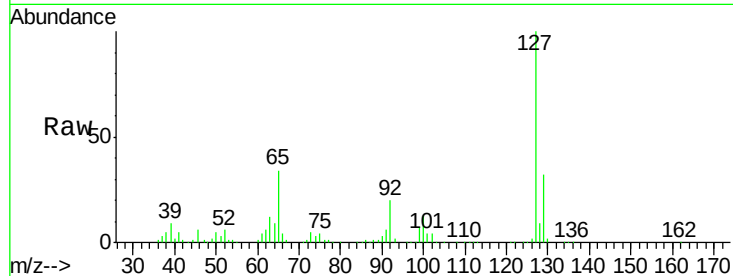




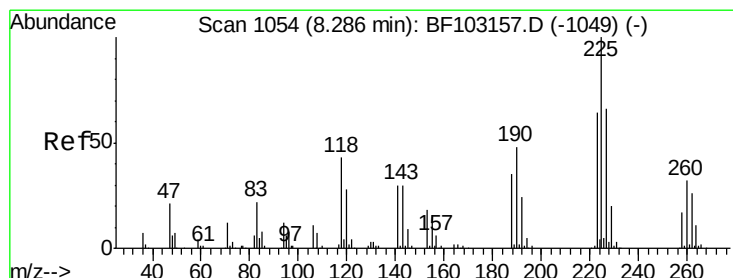
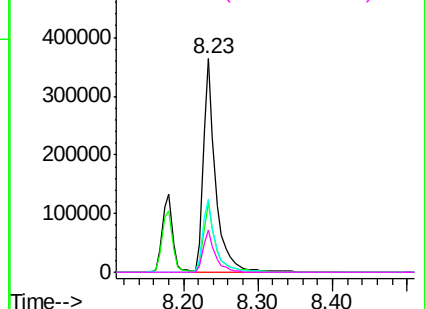
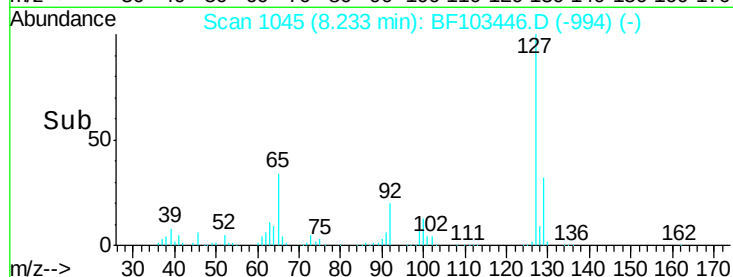
#33
4-Chloroaniline
Concen: 39.705 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	422208
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	34.4	25.0	37.4
92	19.6	15.2	22.8

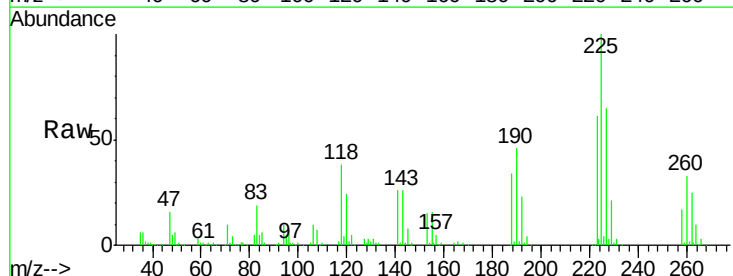


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

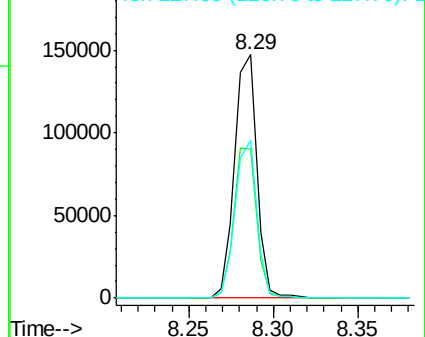
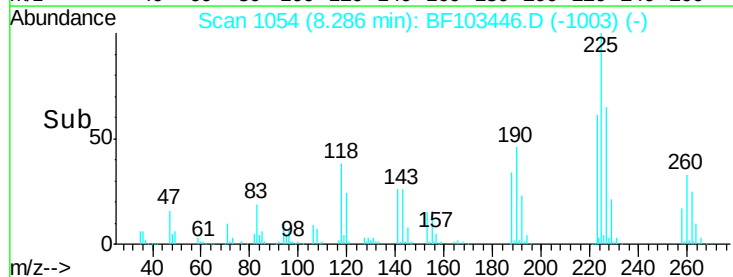


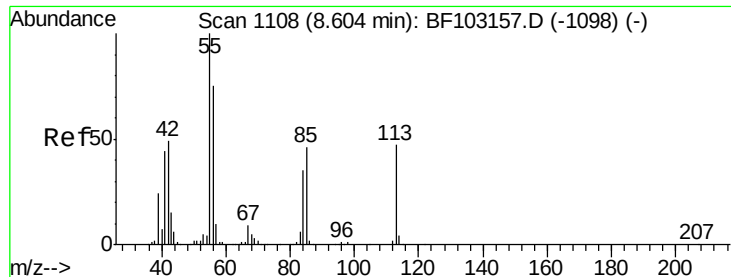
#34
Hexachlorobutadiene
Concen: 36.597 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:	225	Resp:	135670
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	64.6	51.9	77.9



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





#35

Caprolactam

Concen: 37.898 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

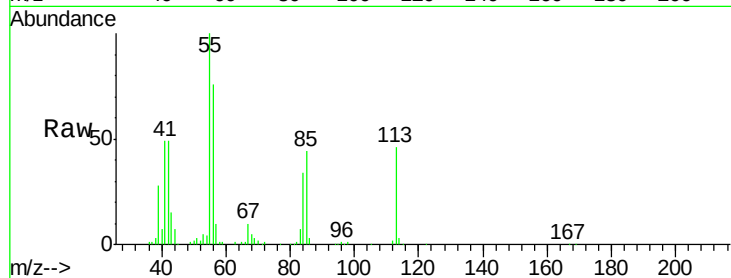
Tot Ion:113 Resp: 89044

Ion Ratio Lower Upper

113 100

55 218.5 163.3 203.3#

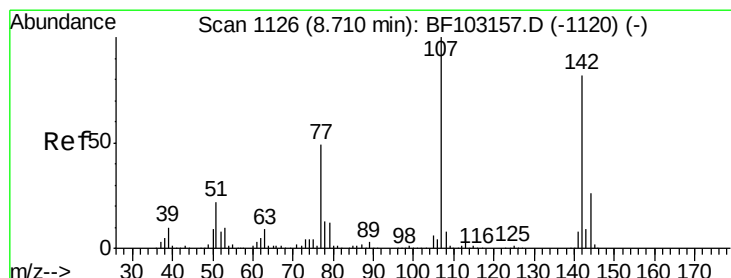
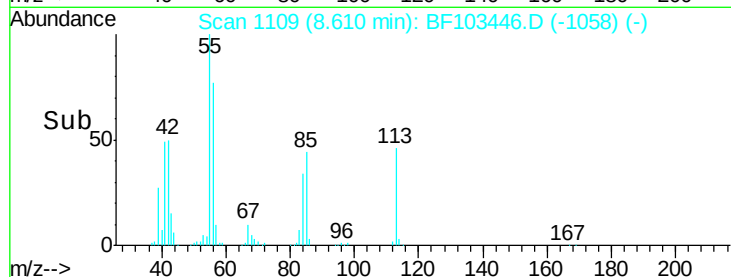
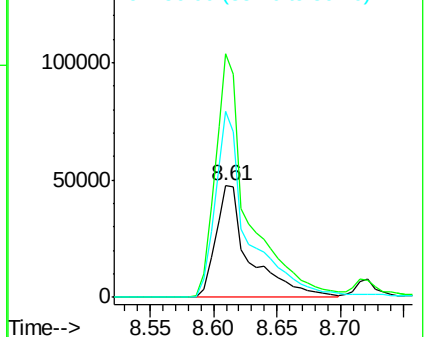
56 166.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.554 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

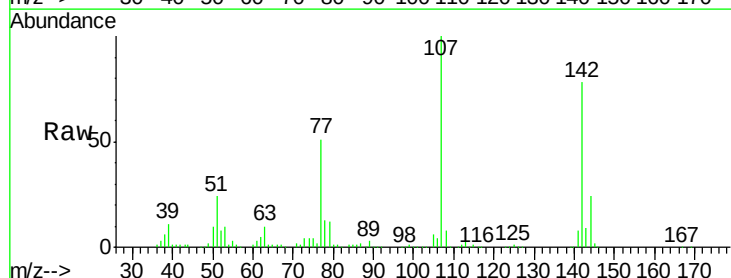
Tgt Ion:107 Resp: 298253

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

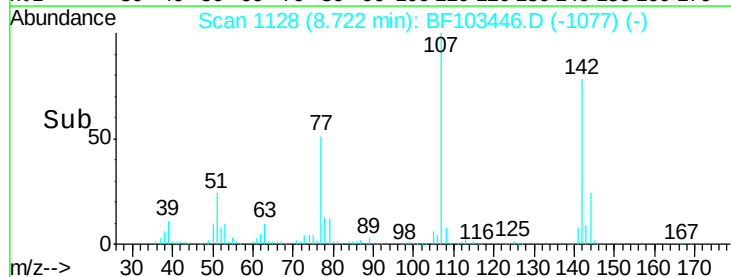
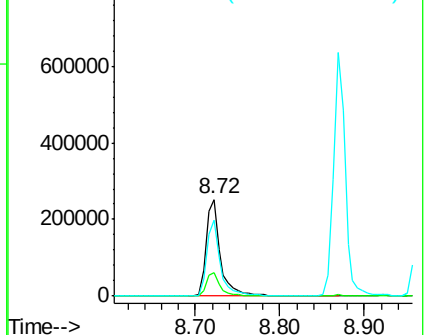
142 78.0 62.0 93.0

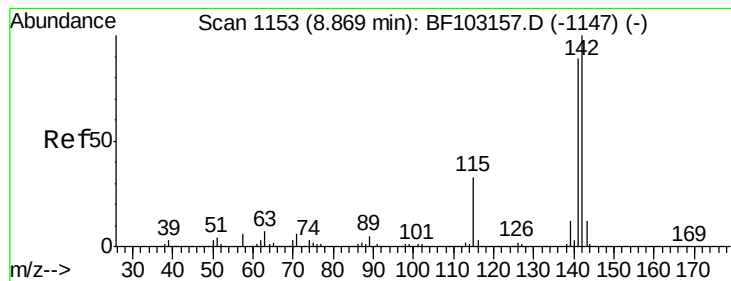


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.978 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

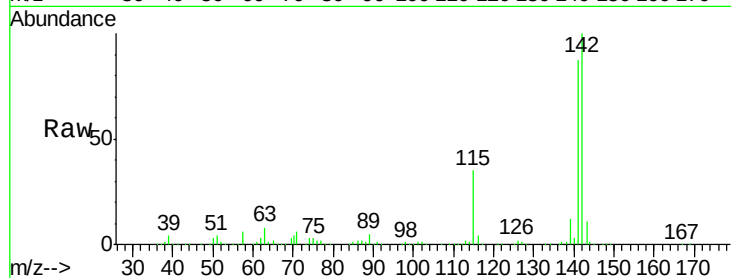
Tot Ion:142 Resp: 604822

Ion Ratio Lower Upper

142 100

141 86.8 70.8 106.2

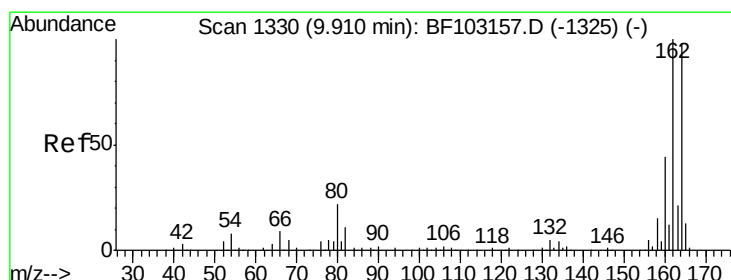
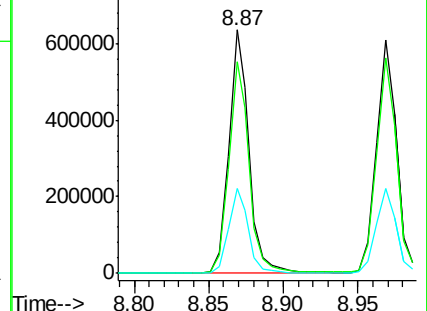
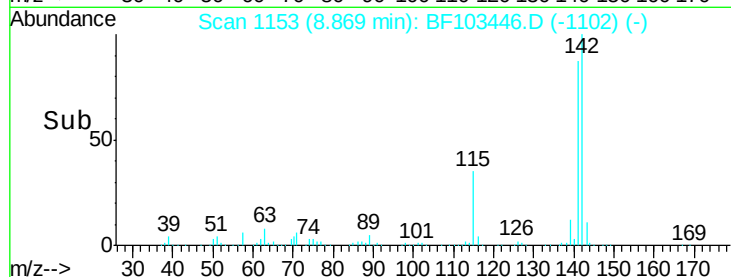
115 34.7 26.1 39.1



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: BF103446.D

Acq: 6 Mar 2018 10:50

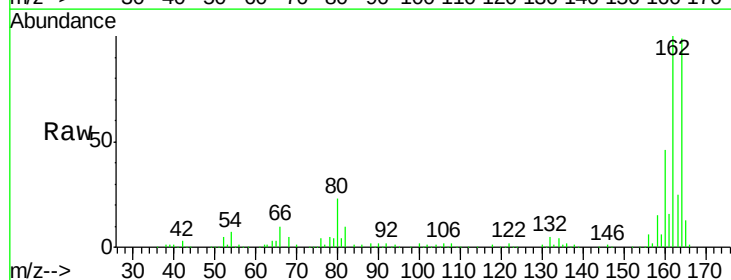
Tgt Ion:164 Resp: 230464

Ion Ratio Lower Upper

164 100

162 100.9 86.1 129.1

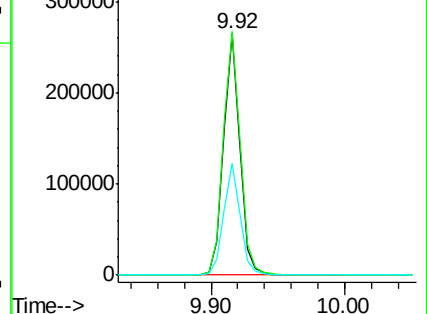
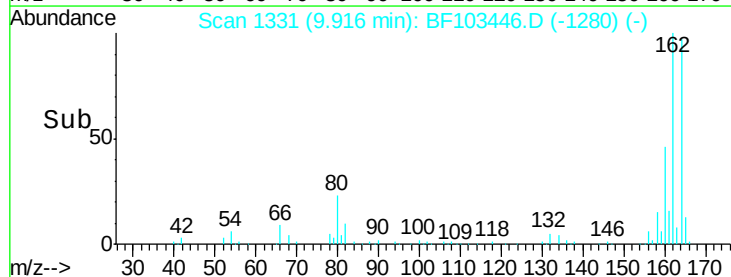
160 46.1 38.3 57.5

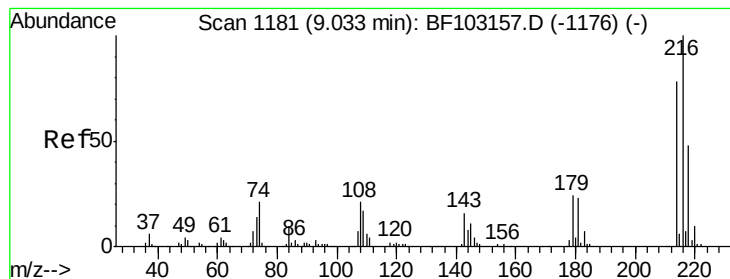


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

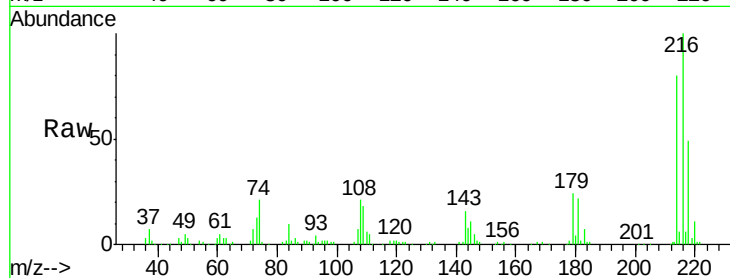




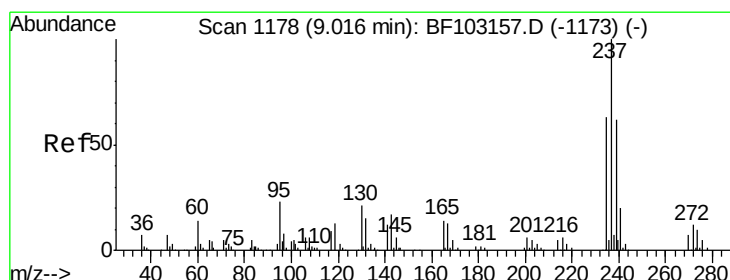
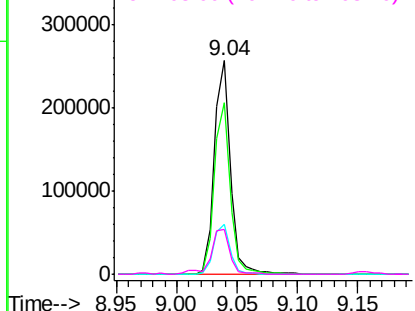
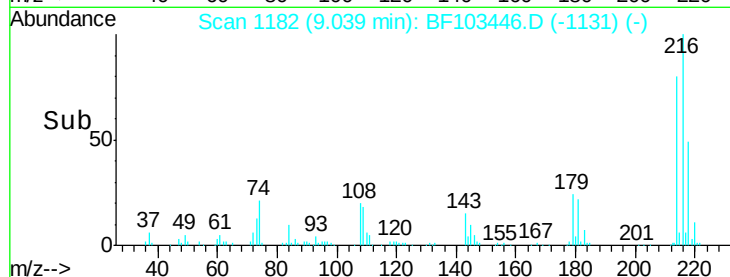
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.194 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:216	Resp:	234338
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.0 94.4
179	24.0	18.1 27.1
108	23.8	17.2 25.8

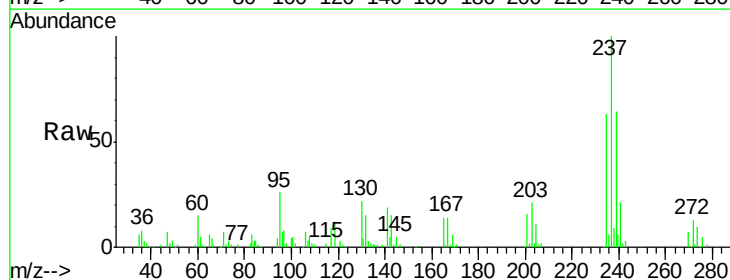


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

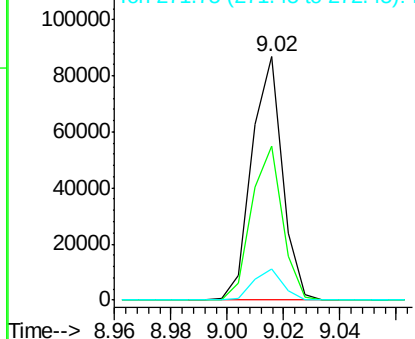
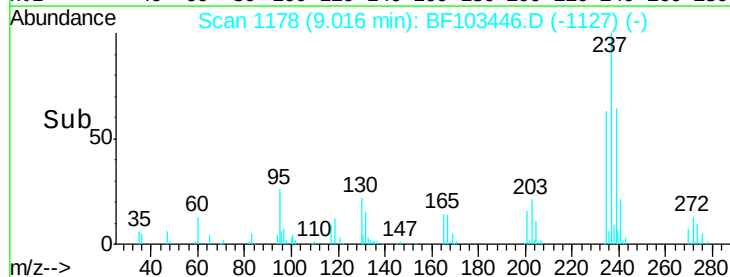


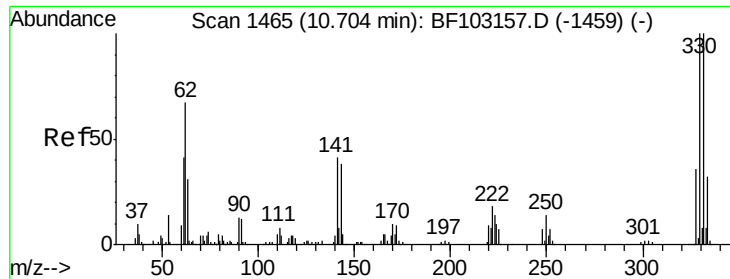
#40
 Hexachlorocyclopentadiene
 Concen: 34.931 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:237	Resp:	65074
Ion Ratio	Lower	Upper
237	100	
235	63.0	44.8 84.8
272	12.7	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

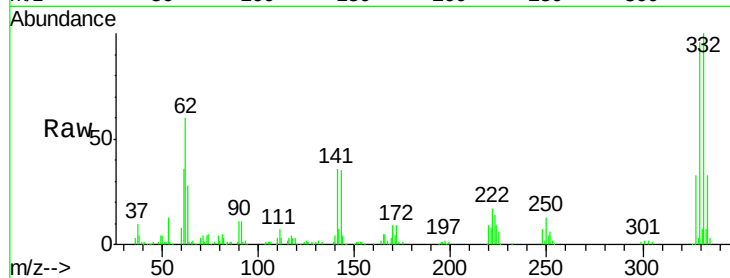




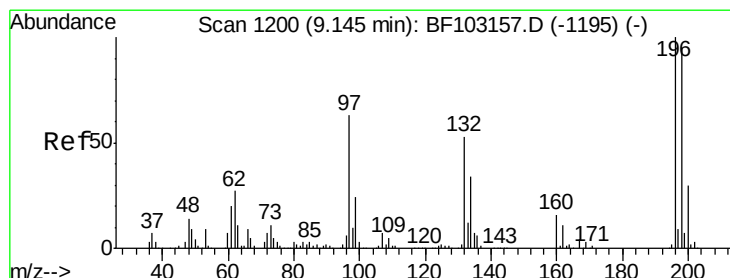
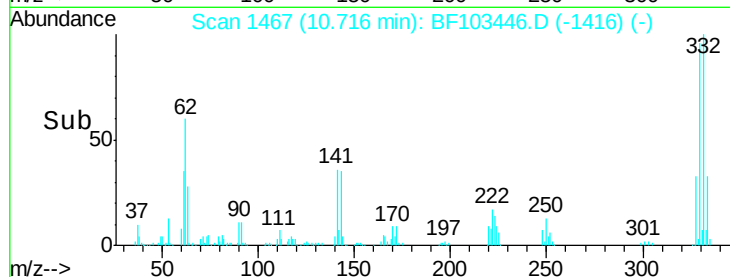
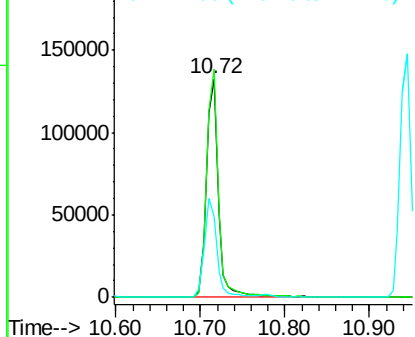
#41
 2,4,6-Tribromophenol
 Concen: 67.958 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 132570
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 45.9 29.9 44.9#

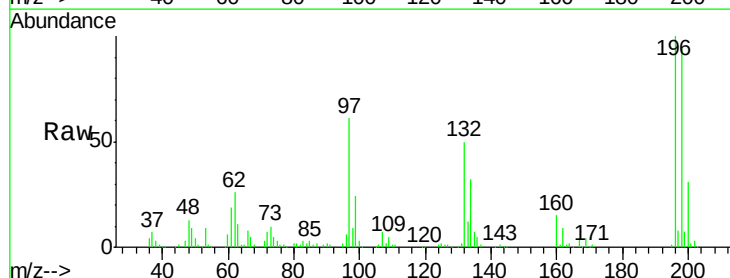


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

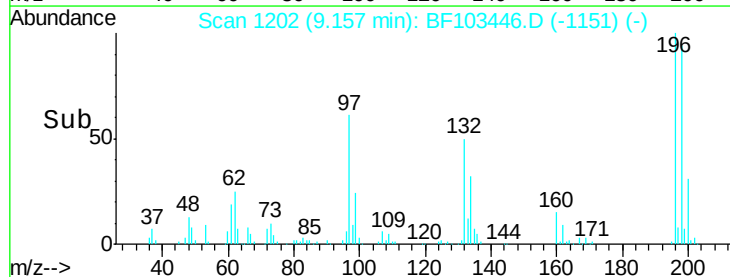
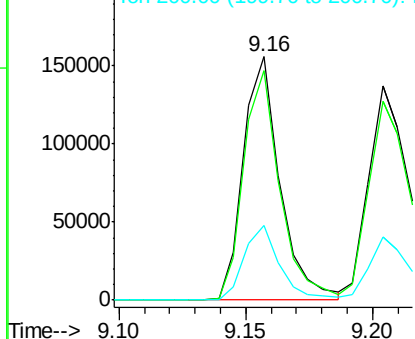


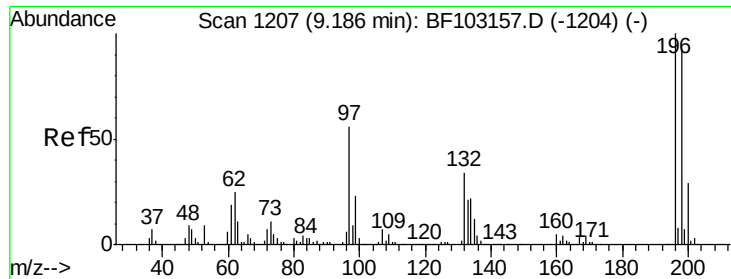
#42
 2,4,6-Trichlorophenol
 Concen: 37.196 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:196 Resp: 157687
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 30.7 24.5 36.7



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

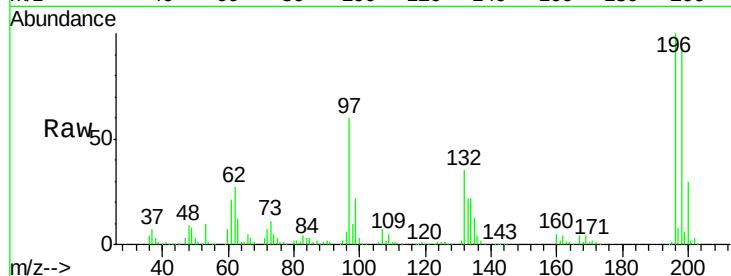




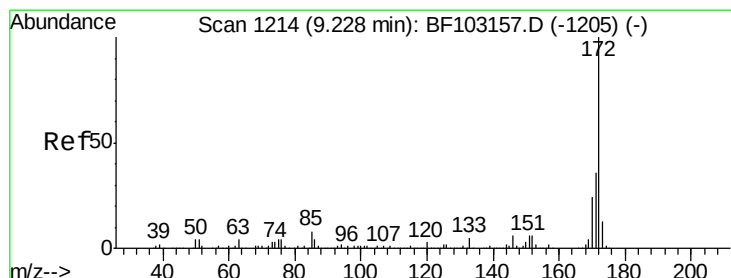
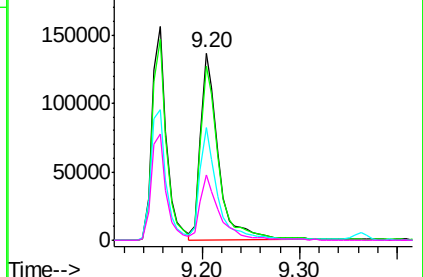
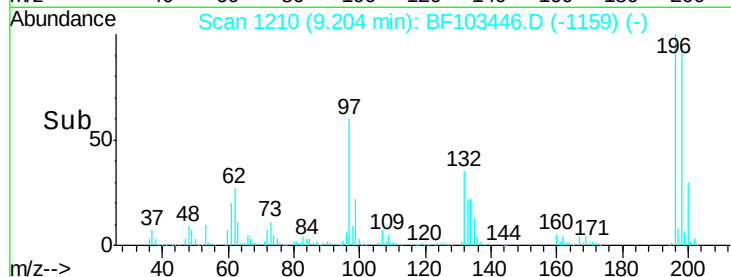
#43
 2,4,5-Trichlorophenol
 Concen: 35.776 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 174442
 Ion Ratio Lower Upper
 196 100
 198 92.9 74.6 112.0
 97 60.2 42.9 64.3
 132 34.7 26.3 39.5

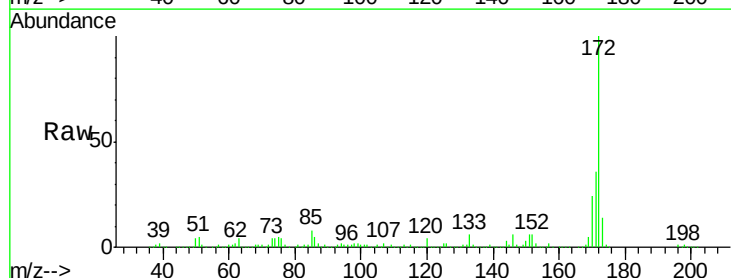


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

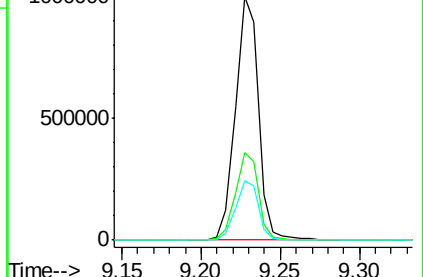
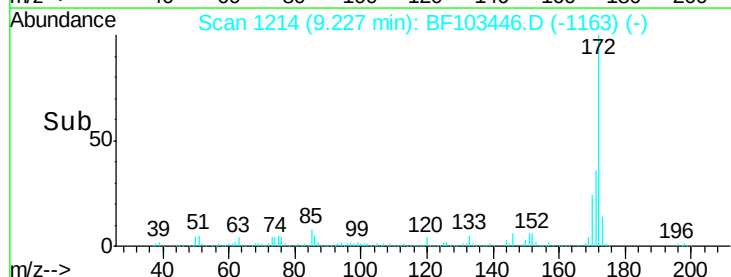


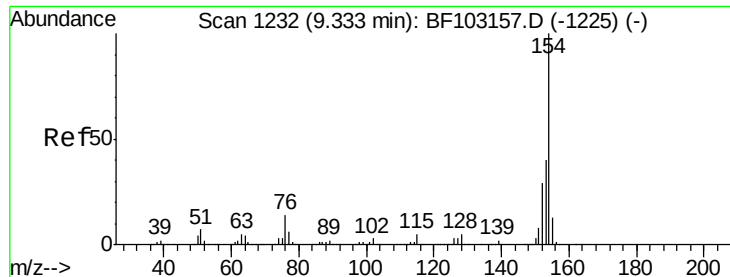
#44
 2-Fluorobiphenyl
 Concen: 72.681 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:172 Resp: 1006817
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.791 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

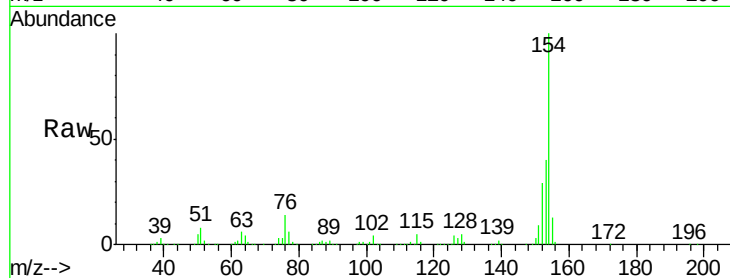
Tot Ion:154 Resp: 710502

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

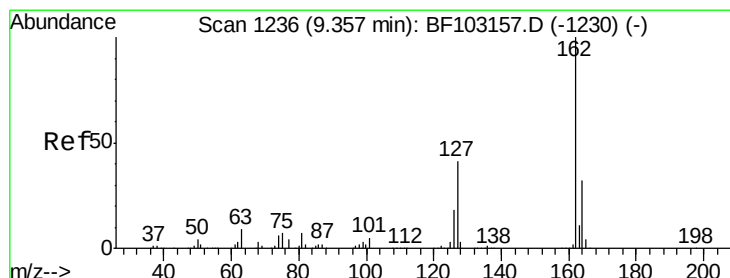
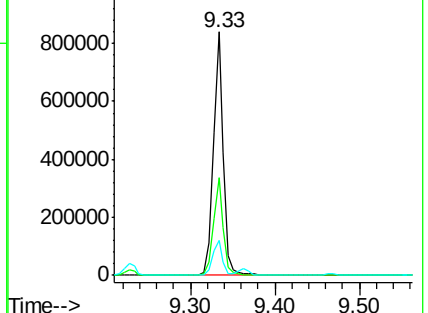
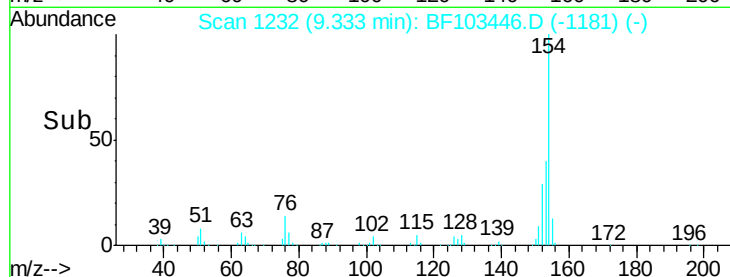
76 14.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.840 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

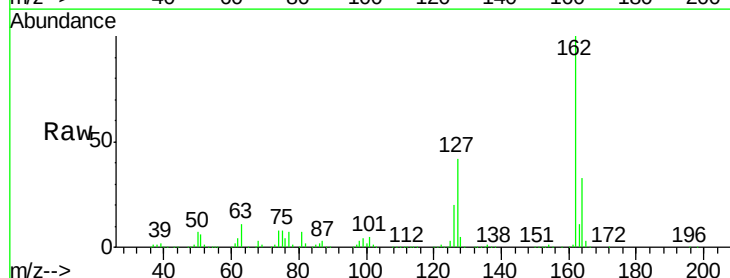
Tgt Ion:162 Resp: 562849

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

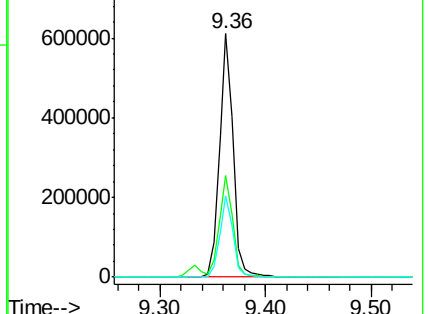
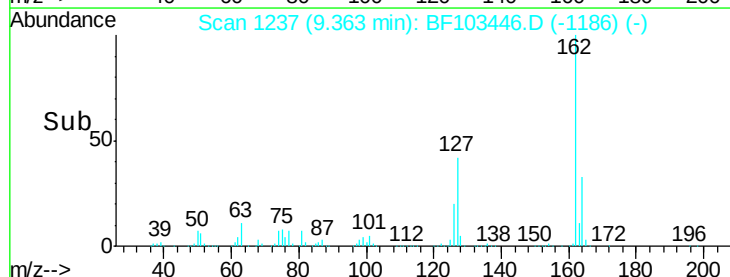
164 33.4 26.5 39.7

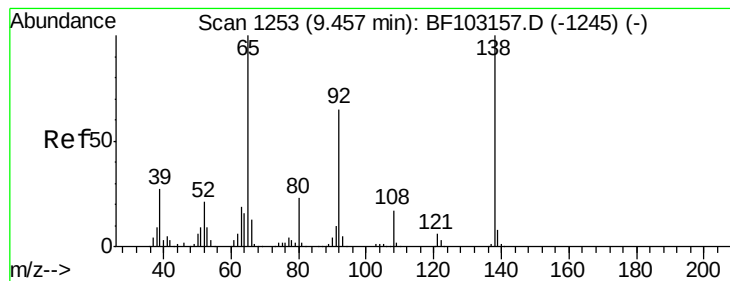


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.104 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

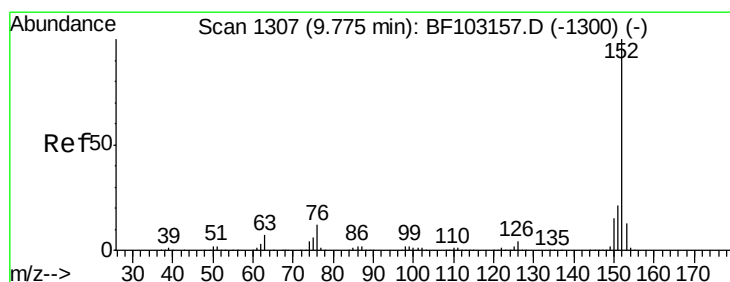
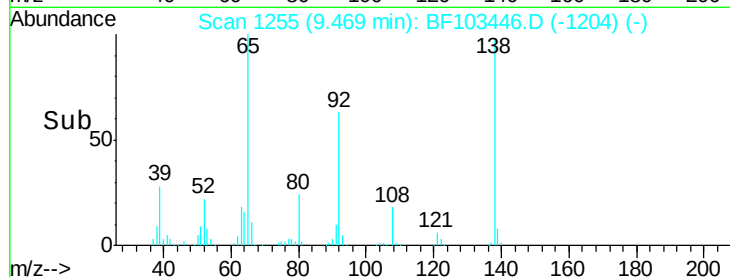
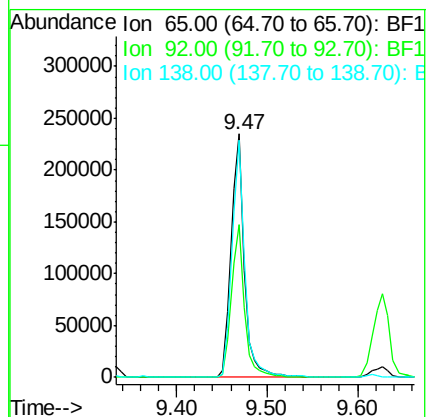
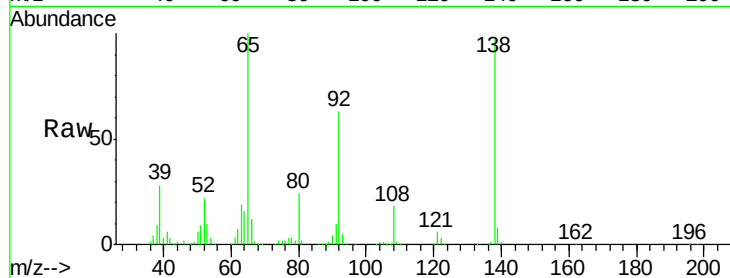
Tot Ion: 65 Resp: 238280

Ion Ratio Lower Upper

65 100

92 62.9 55.8 83.6

138 97.3 91.2 136.8



#48

Acenaphthylene

Concen: 36.803 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

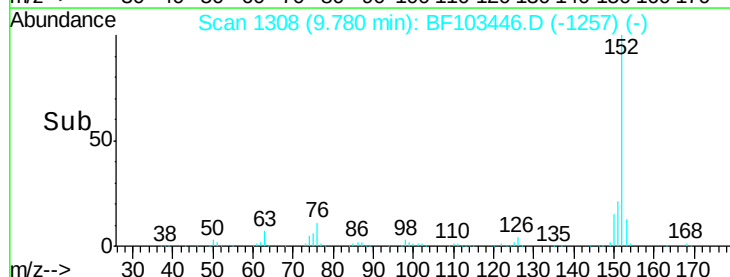
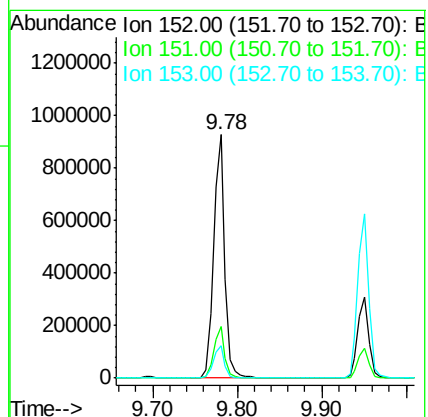
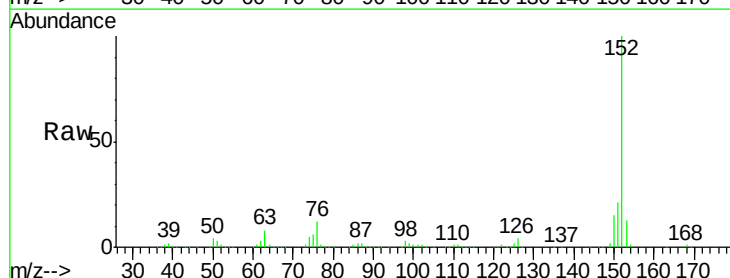
Tgt Ion: 152 Resp: 865133

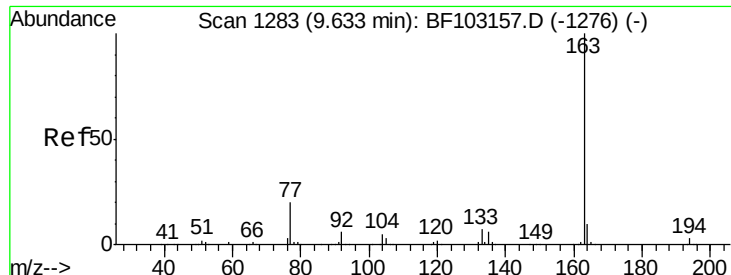
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.4 10.7 16.1

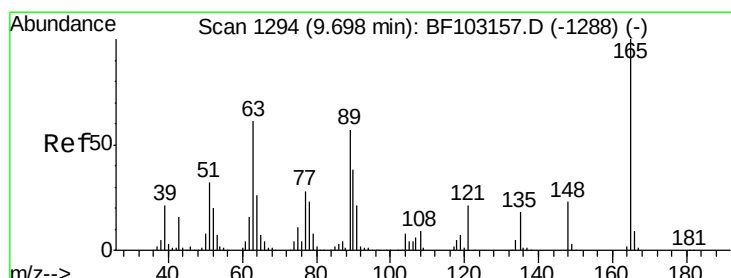
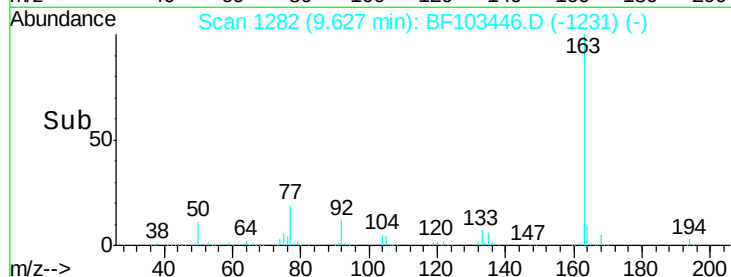
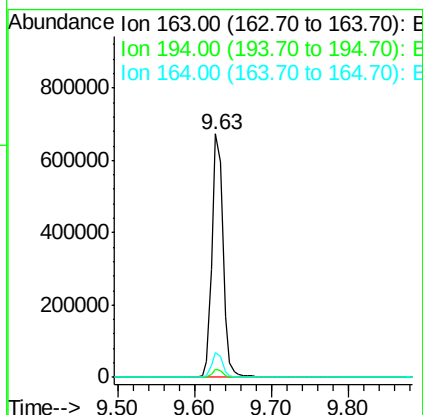
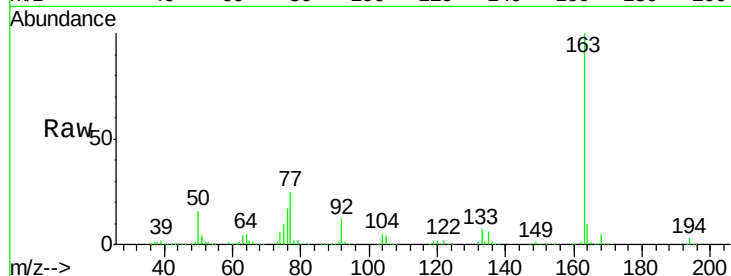




#49
Dimethylphthalate
Concen: 35.880 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

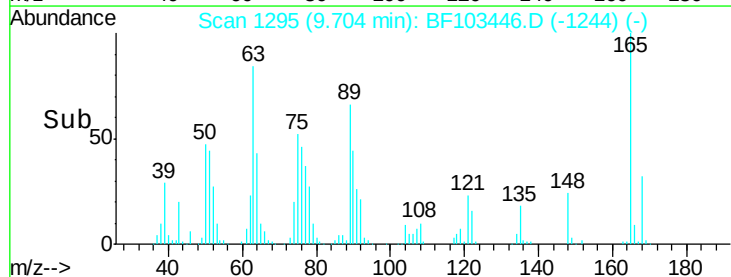
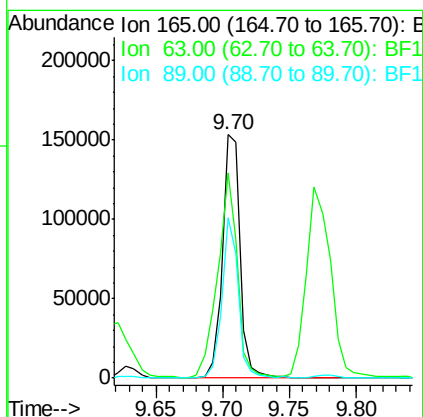
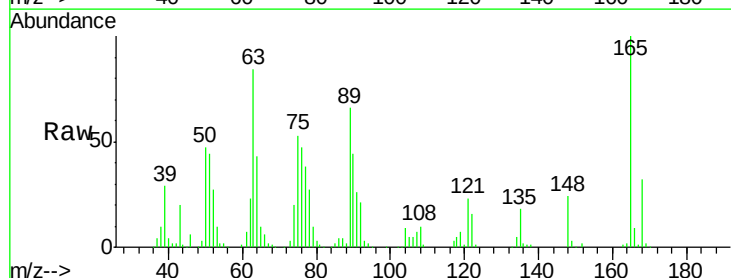
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

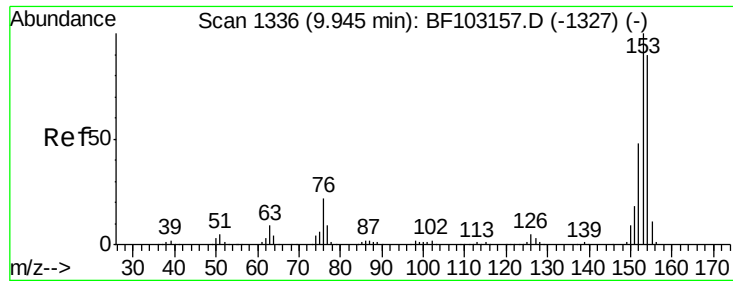
Tot Ion:163 Resp: 663355
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 37.301 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:165 Resp: 144720
Ion Ratio Lower Upper
165 100
63 84.2 44.7 67.1#
89 65.7 44.0 66.0





#51

Acenaphthene

Concen: 36.576 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

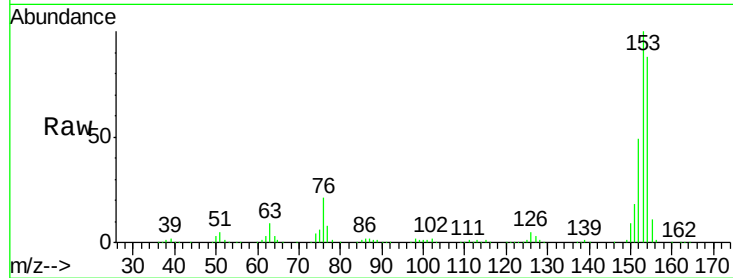
Tot Ion:154 Resp: 501351

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

152 55.8 43.8 65.8

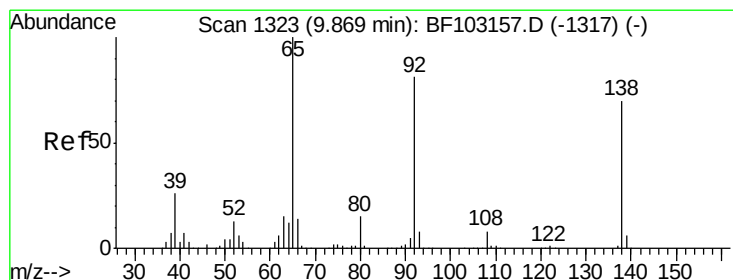
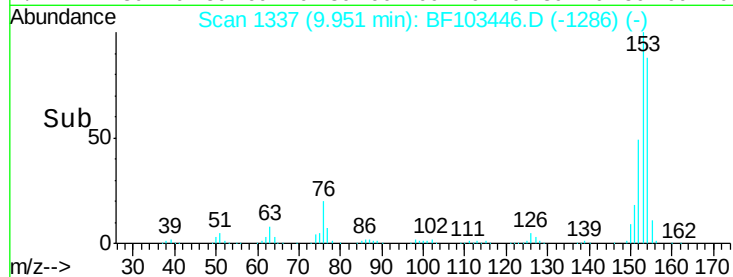
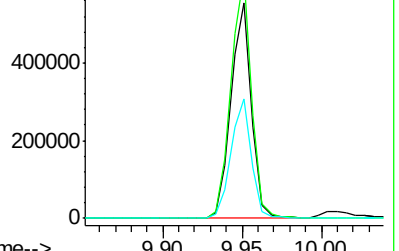


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

9.95



#52

3-Nitroaniline

Concen: 38.469 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

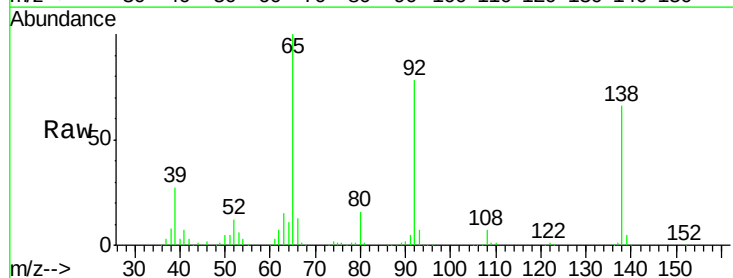
Tgt Ion:138 Resp: 189362

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

92 118.1 89.4 134.2

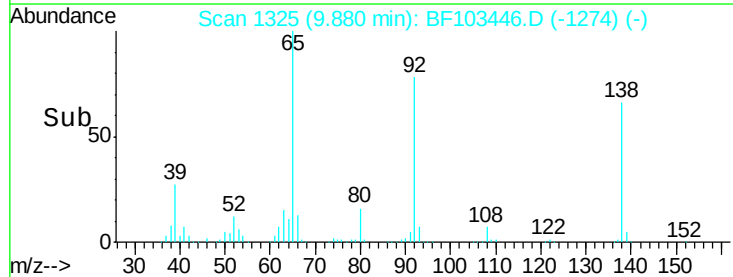
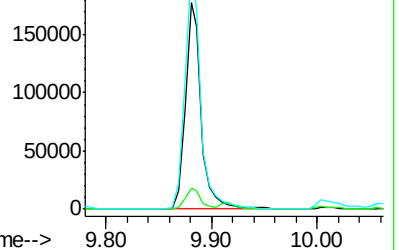


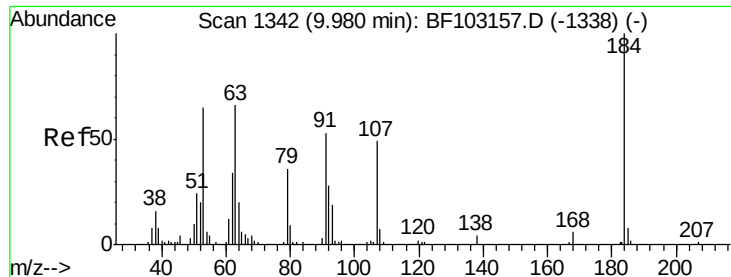
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

9.88

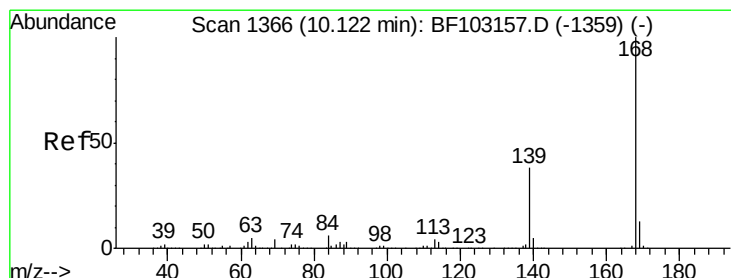
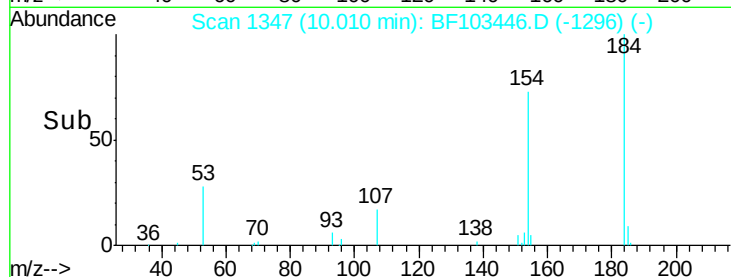
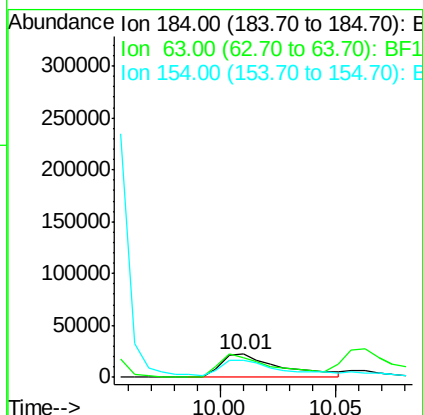
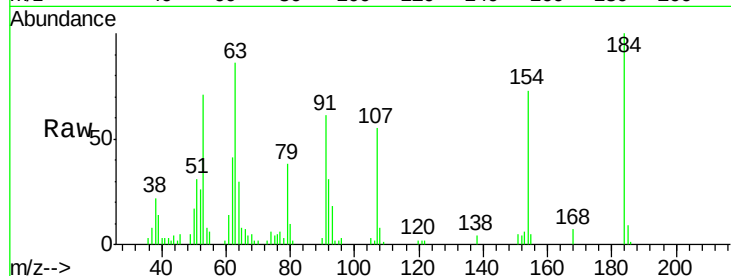




#53
 2,4-Dinitrophenol
 Concen: 35.488 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

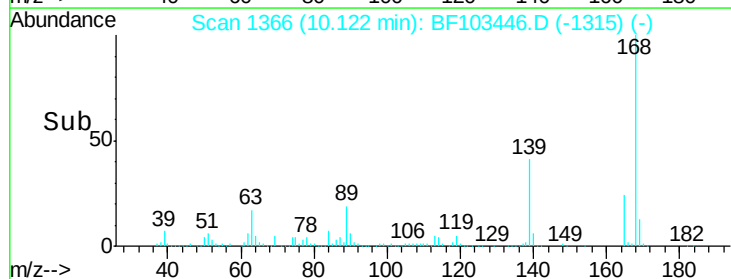
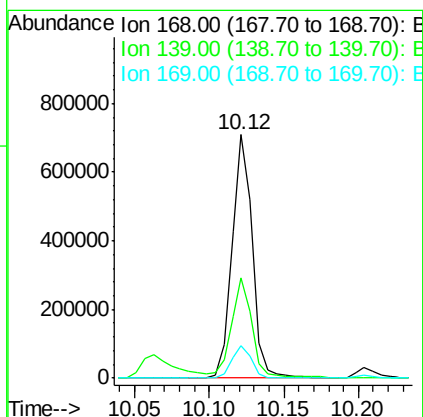
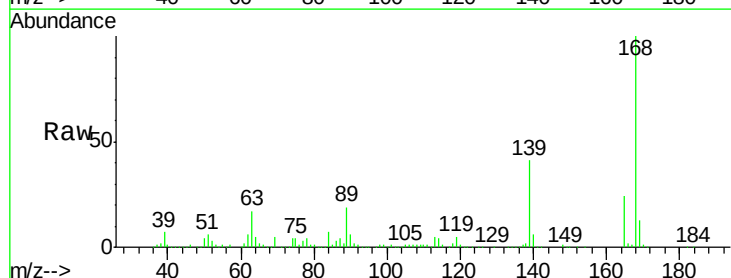
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

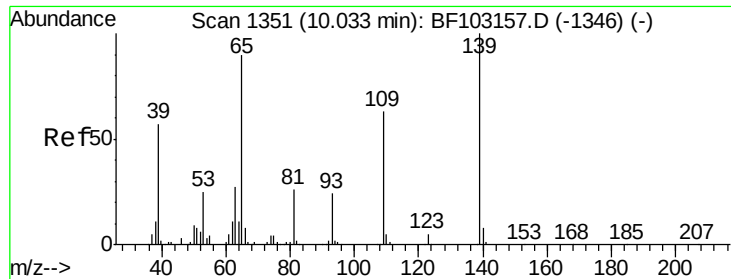
Tot Ion:184 Resp: 41206
 Ion Ratio Lower Upper
 184 100
 63 85.5 54.2 81.2#
 154 73.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.045 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:168 Resp: 678233
 Ion Ratio Lower Upper
 168 100
 139 41.2 30.1 45.1
 169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 34.800 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

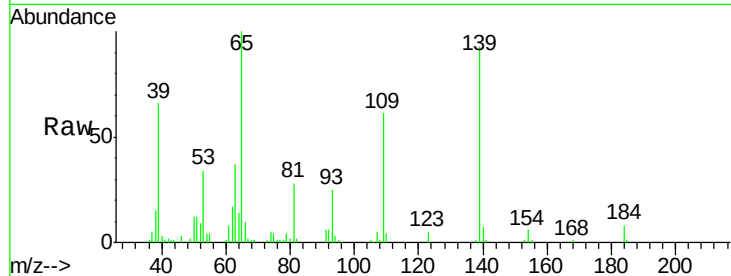
Tot Ion:139 Resp: 106166

Ion Ratio Lower Upper

139 100

109 65.5 48.4 88.4

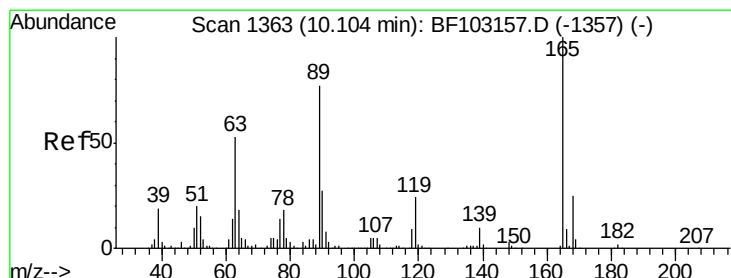
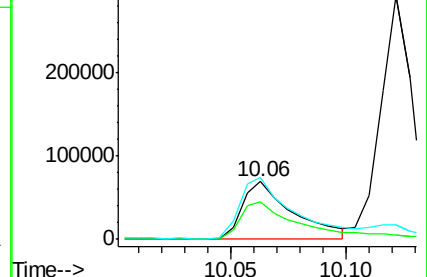
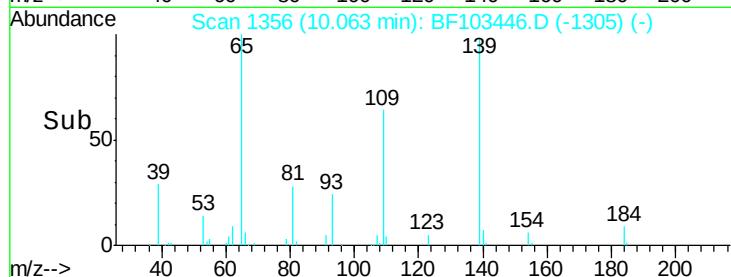
65 107.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 34.429 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Tgt Ion:165 Resp: 168940

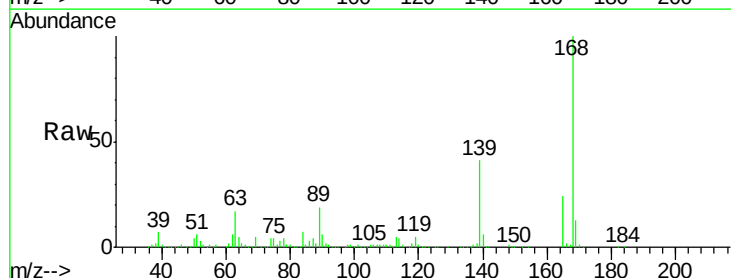
Ion Ratio Lower Upper

165 100

63 71.2 36.4 54.6#

89 80.5 57.8 86.6

182 2.1 1.6 2.4

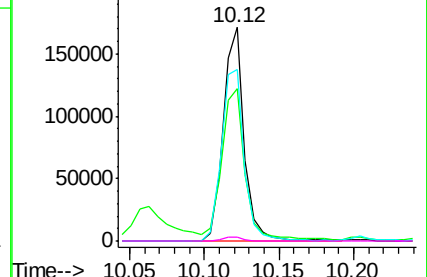
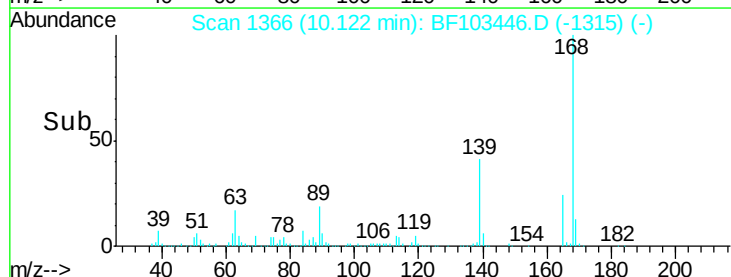


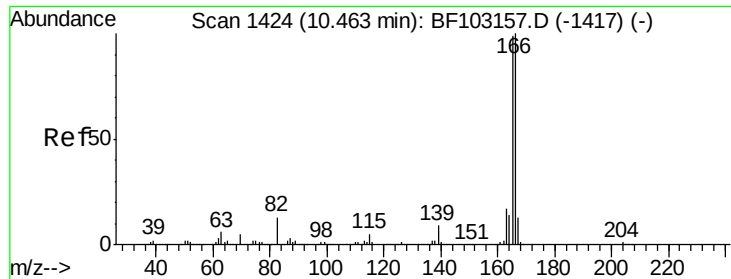
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

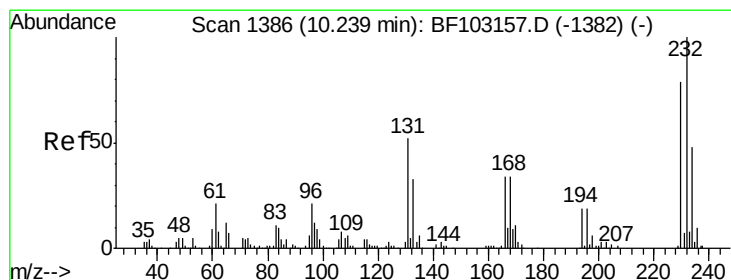
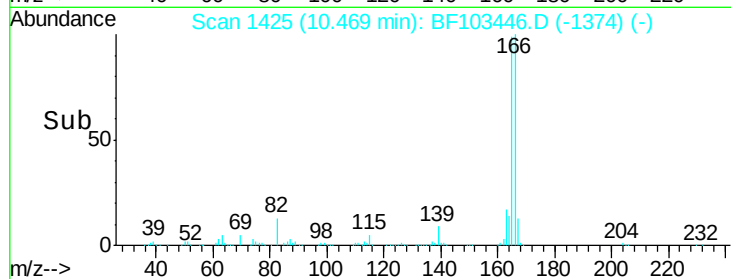
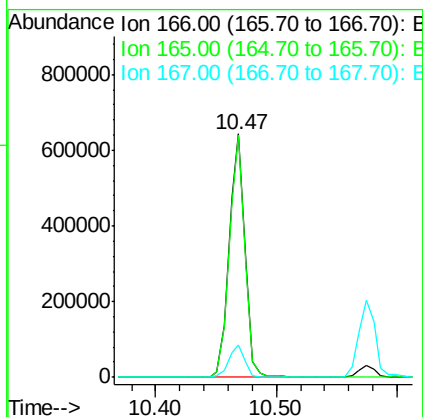
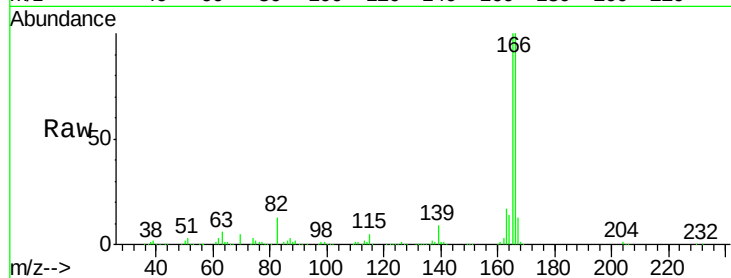




#57
 Fluorene
 Concen: 36.118 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

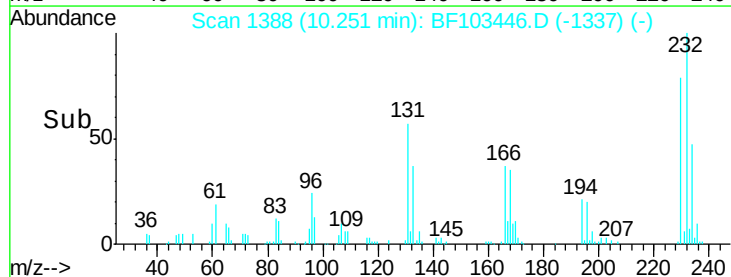
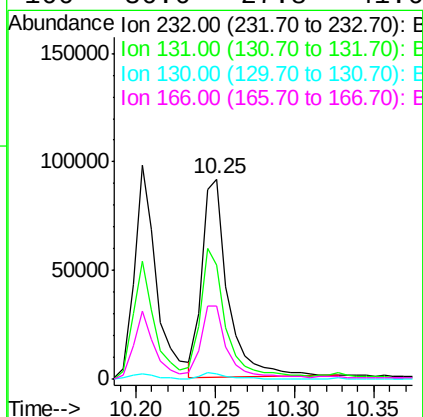
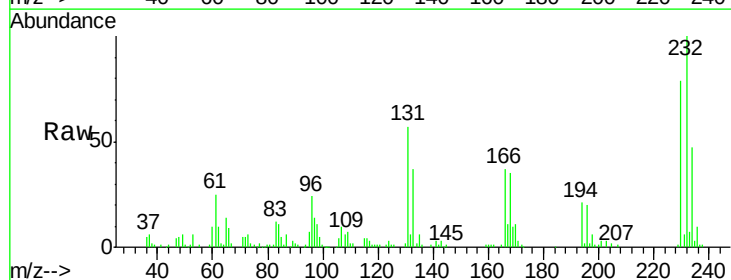
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

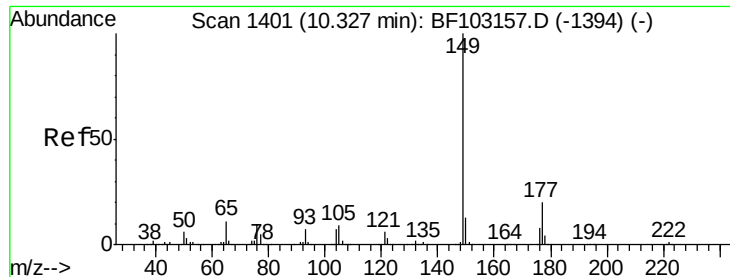
Tot Ion:166 Resp: 578935
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.392 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:232 Resp: 106100
 Ion Ratio Lower Upper
 232 100
 131 65.3 43.8 65.8
 130 3.0 2.1 3.1
 166 36.6 27.8 41.6

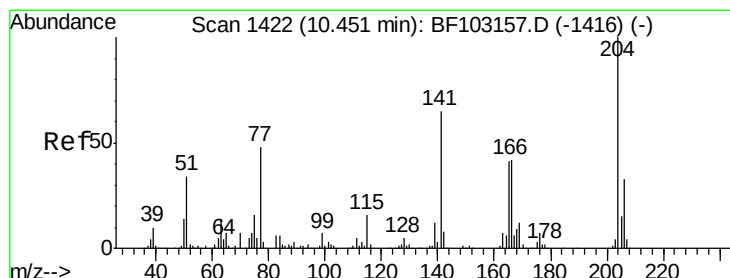
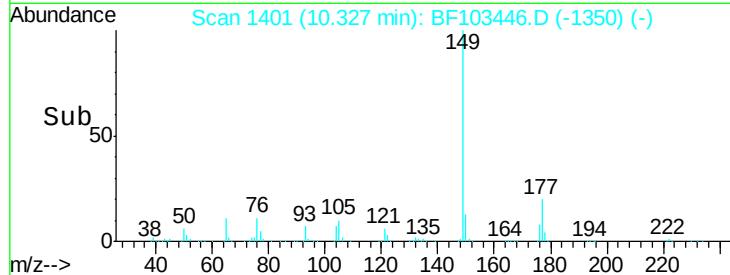
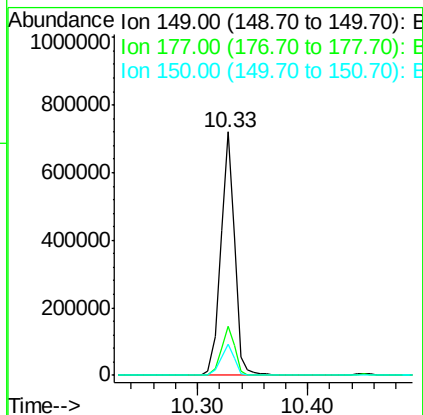
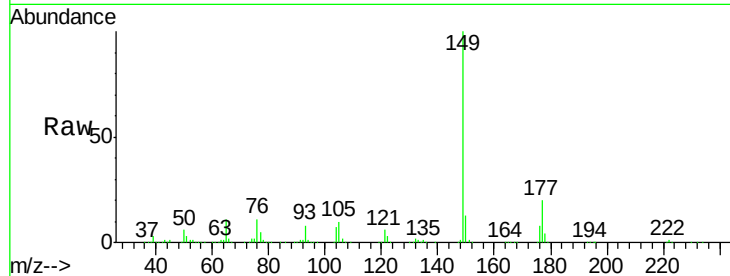




#59
Diethylphthalate
Concen: 35.544 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

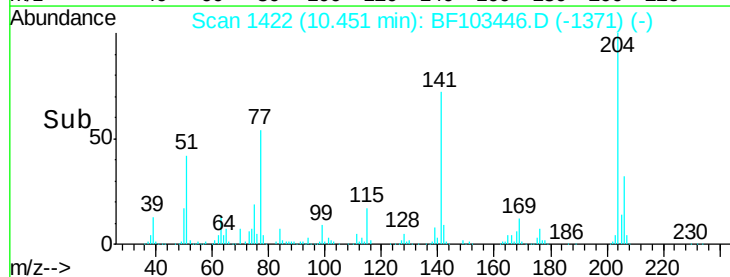
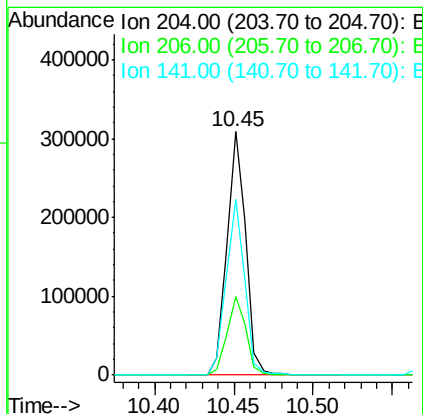
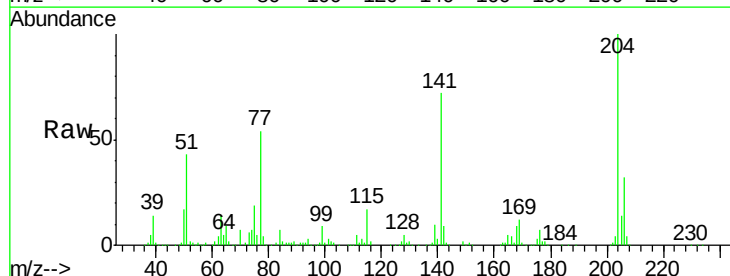
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

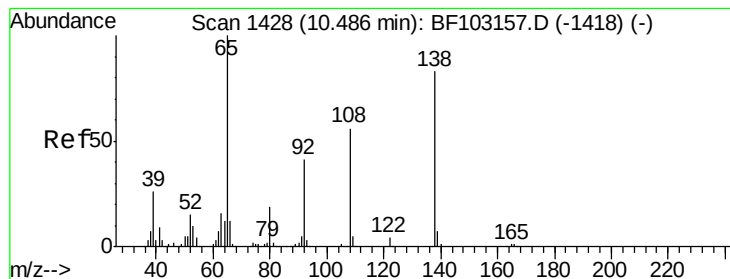
Tot Ion:149 Resp: 628500
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.059 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:204 Resp: 251906
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 72.0 54.6 81.8





#61

4-Nitroaniline

Concen: 35.196 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

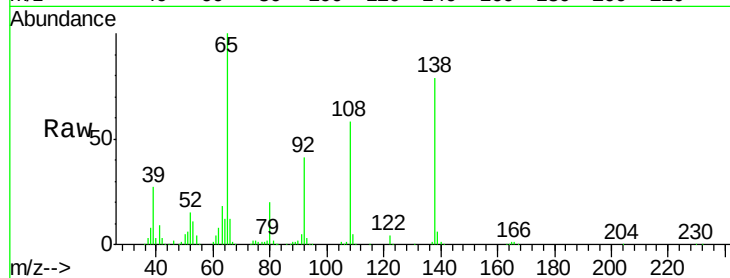
Tot Ion:138 Resp: 173045

Ion Ratio Lower Upper

138 100

92 51.8 30.2 70.2

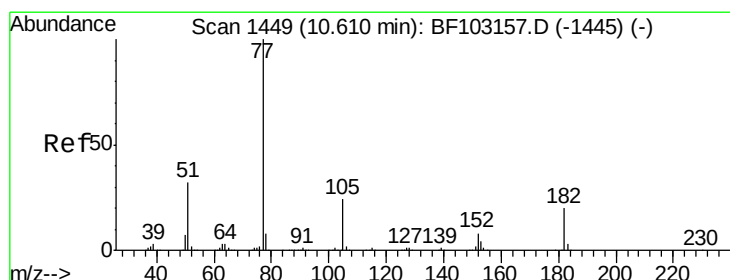
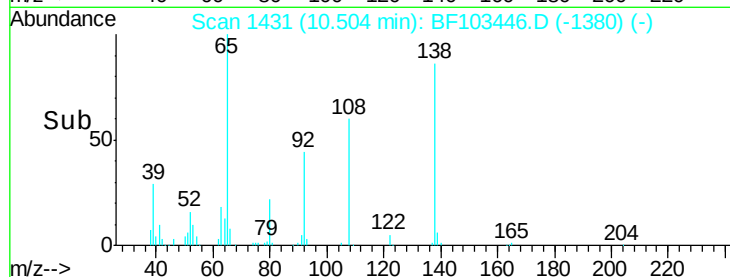
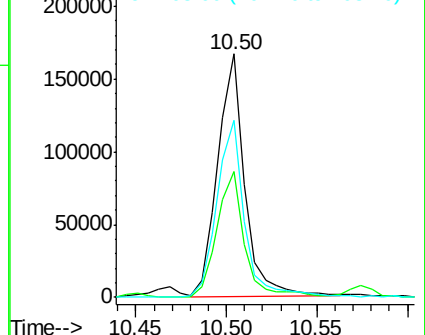
108 72.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.175 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Tgt Ion: 77 Resp: 705094

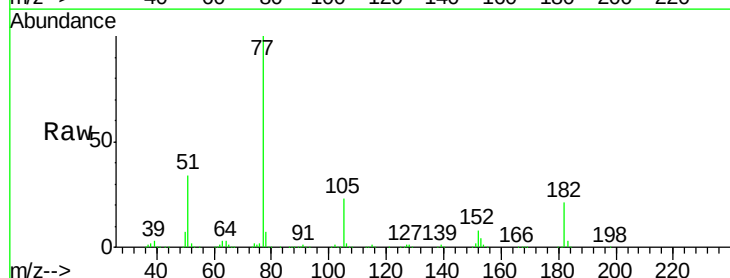
Ion Ratio Lower Upper

77 100

182 20.6 1.7 41.7

105 23.1 3.0 43.0

51 33.8 9.9 49.9

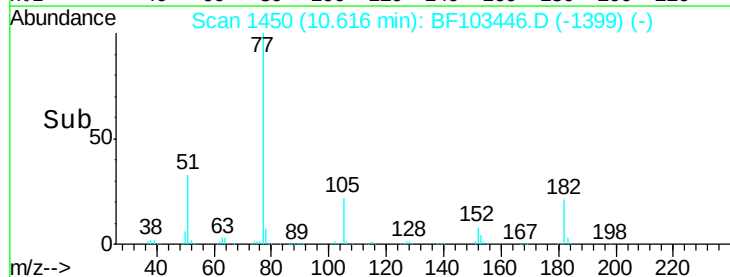
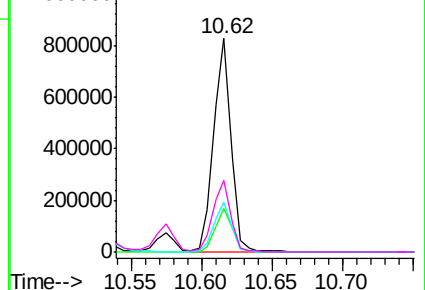


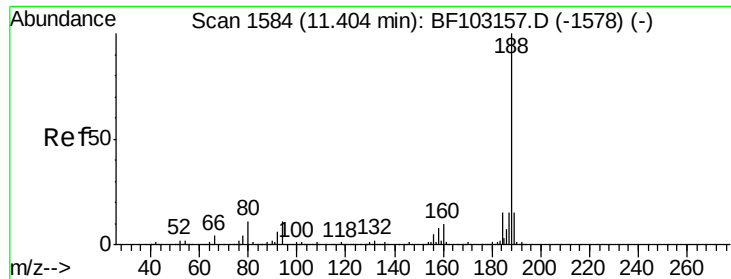
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

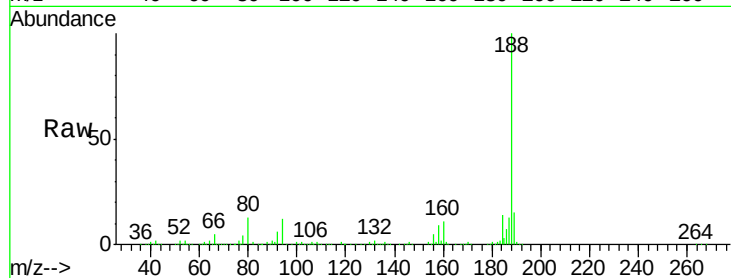
Tot Ion:188 Resp: 392017

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

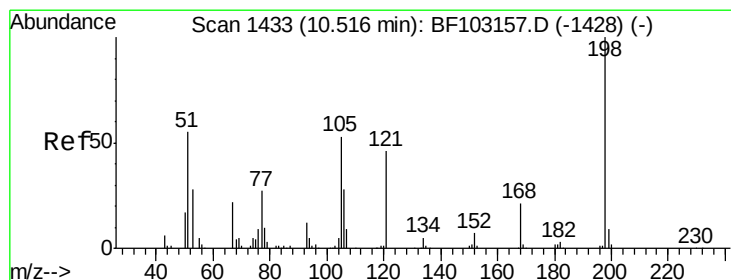
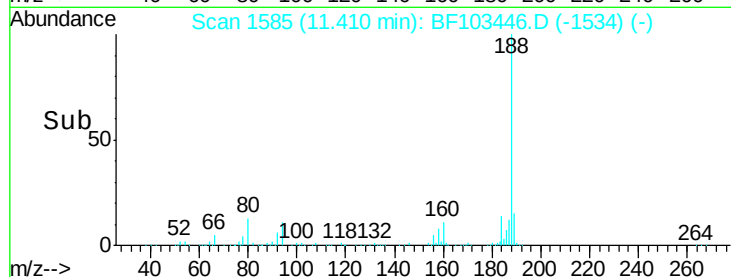
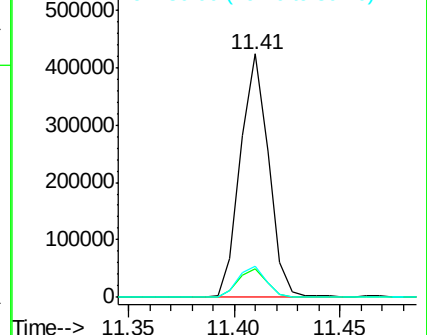
80 12.9 9.2 13.8



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: 33.407 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

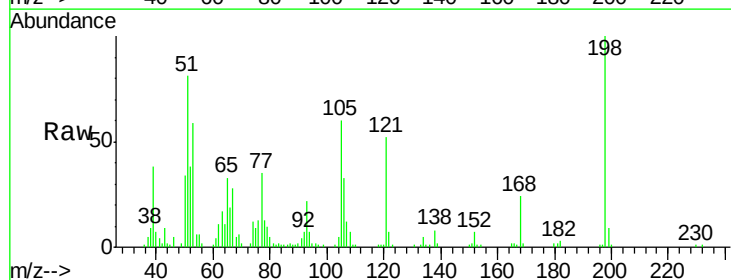
Tgt Ion:198 Resp: 75687

Ion Ratio Lower Upper

198 100

51 80.9 37.7 77.7#

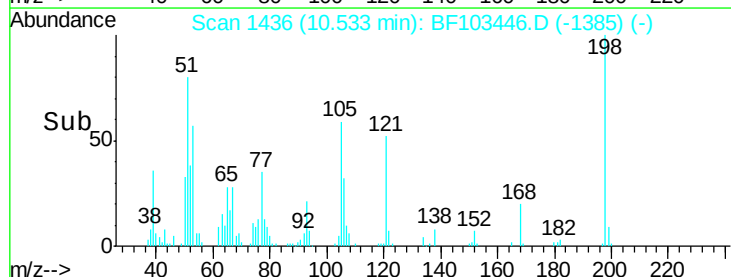
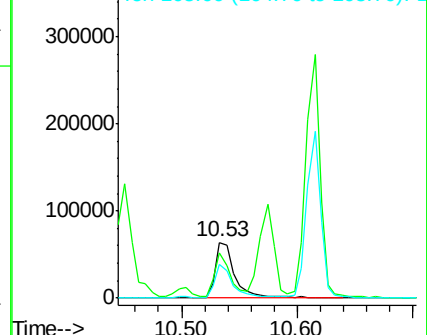
105 59.9 36.3 76.3

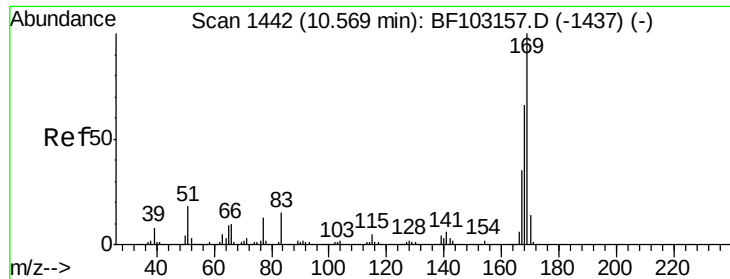


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.822 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

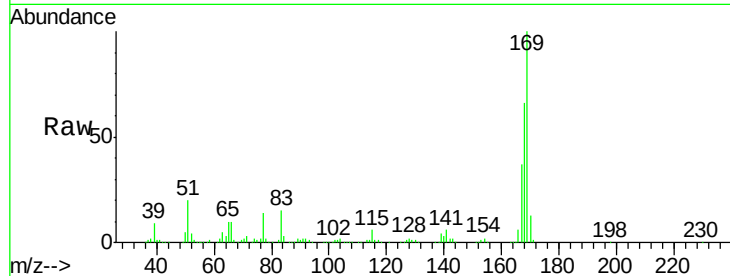
Tot Ion:169 Resp: 502605

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

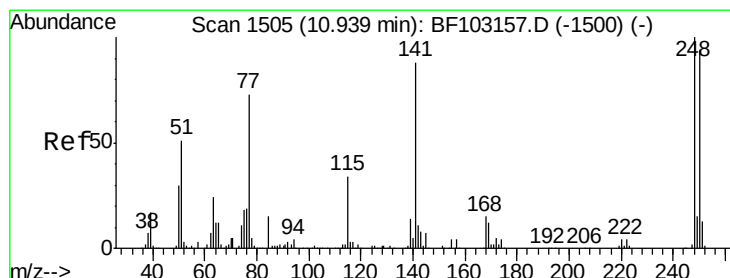
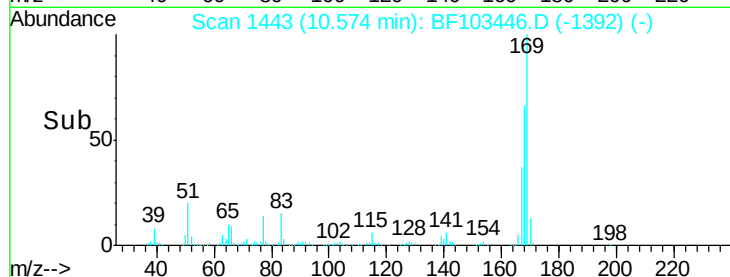
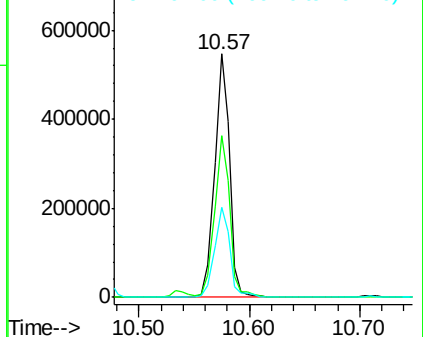
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.530 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

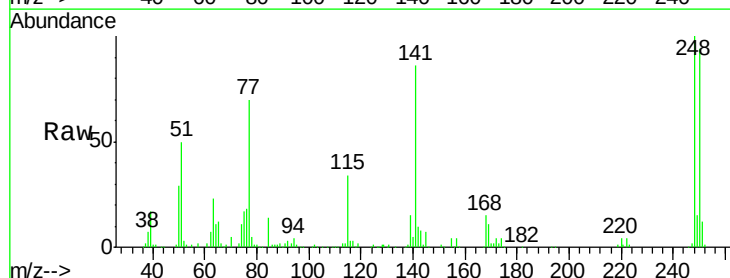
Tgt Ion:248 Resp: 145093

Ion Ratio Lower Upper

248 100

250 94.2 76.9 115.3

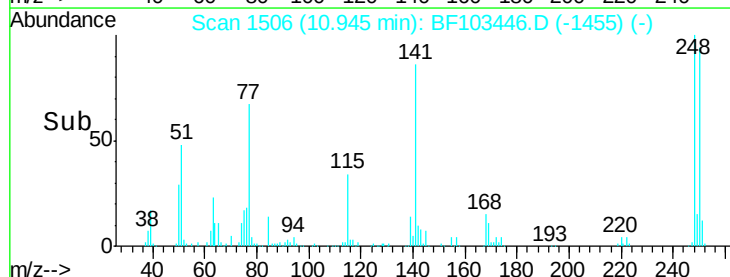
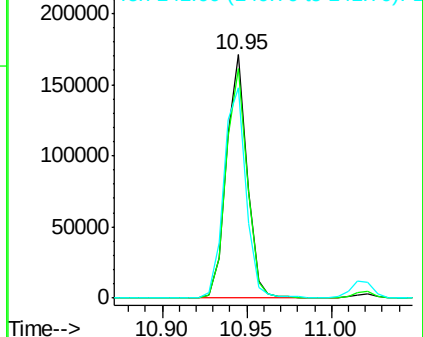
141 86.4 74.4 111.6

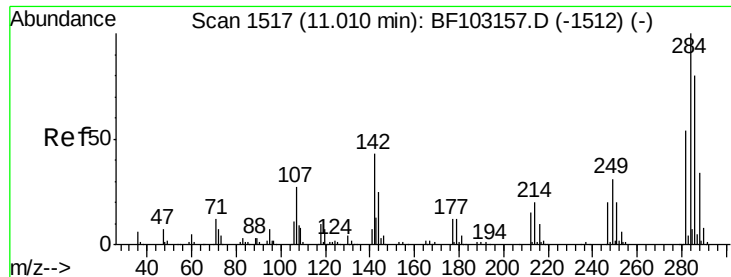


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.172 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

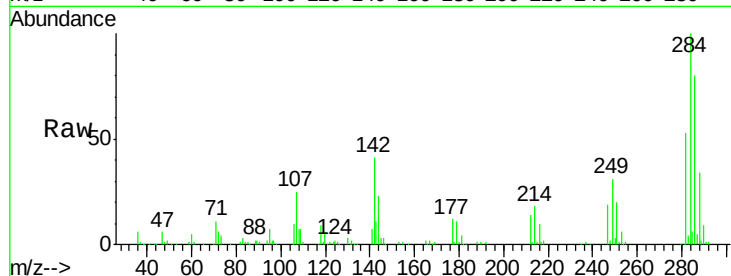
Tot Ion:284 Resp: 155897

Ion Ratio Lower Upper

284 100

142 41.1 34.6 52.0

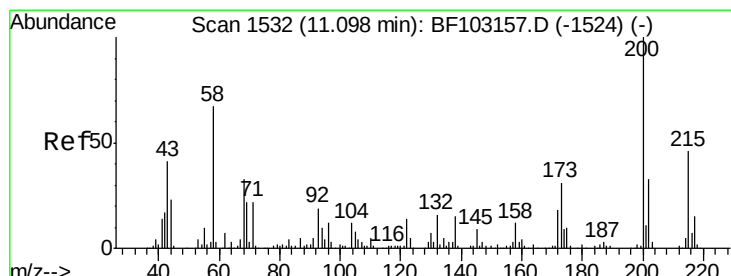
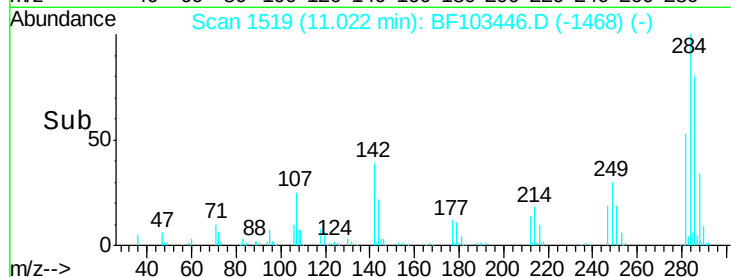
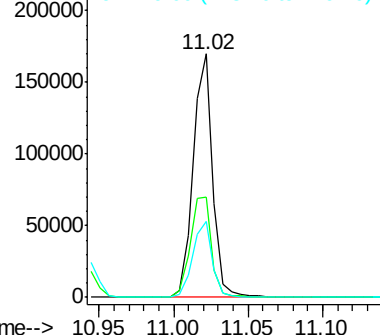
249 31.0 24.8 37.2



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: 34.374 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

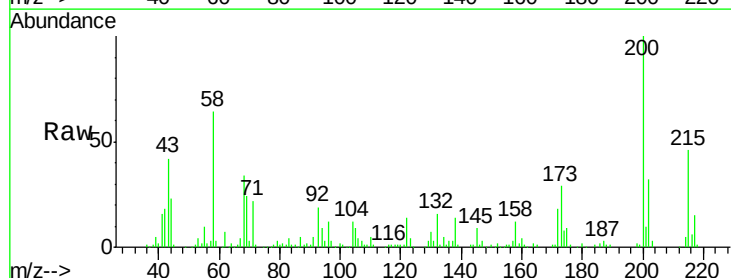
Tgt Ion:200 Resp: 141022

Ion Ratio Lower Upper

200 100

173 29.5 8.6 48.6

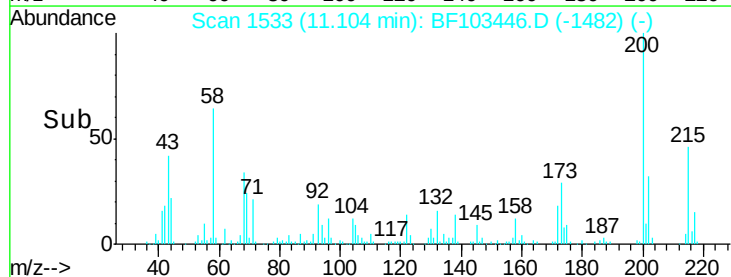
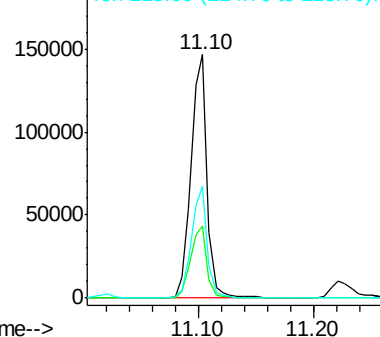
215 45.7 25.1 65.1

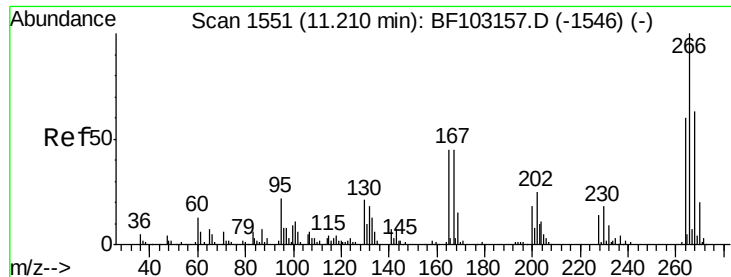


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

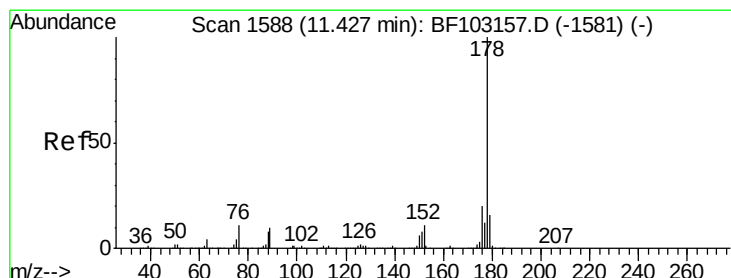
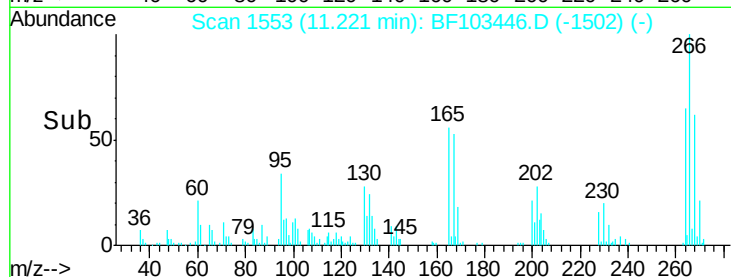
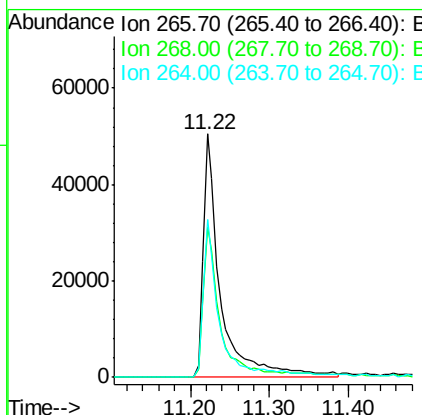
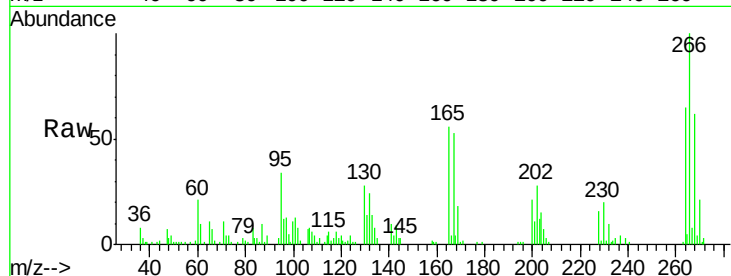




#69
 Pentachlorophenol
 Concen: 36.226 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

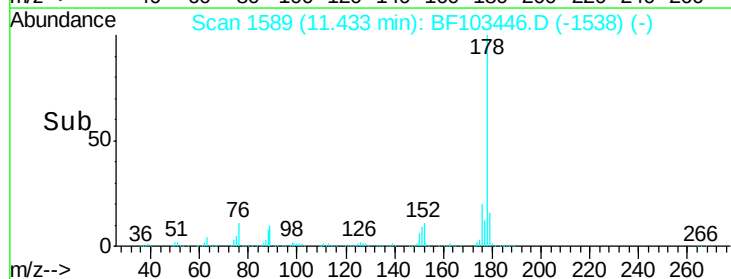
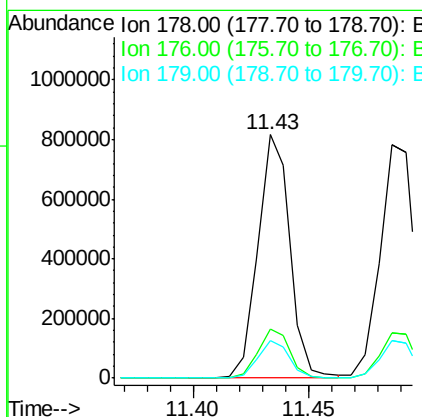
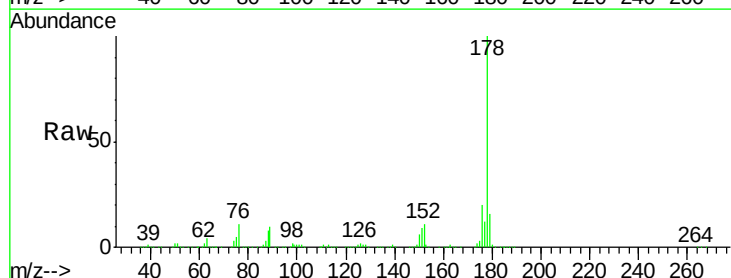
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

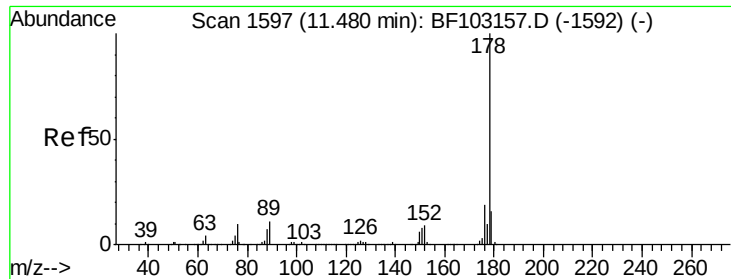
Tot Ion:266 Resp: 77637
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 64.8 49.5 74.3



#70
 Phenanthrene
 Concen: 36.489 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:178 Resp: 787219
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.6 13.0 19.6

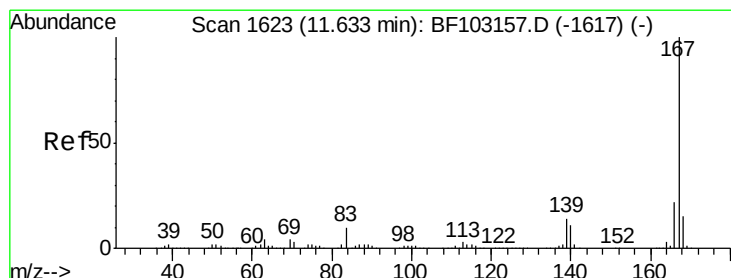
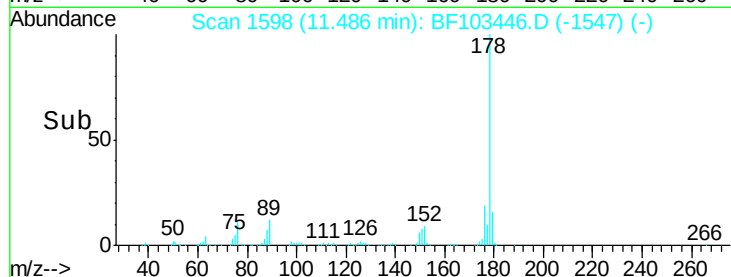
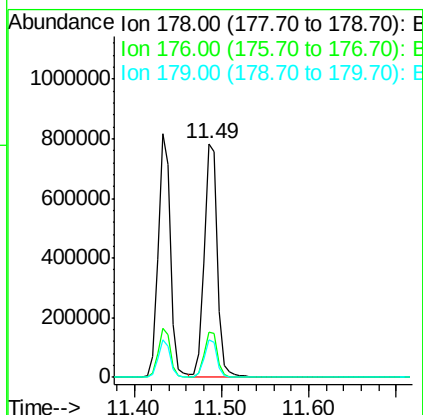
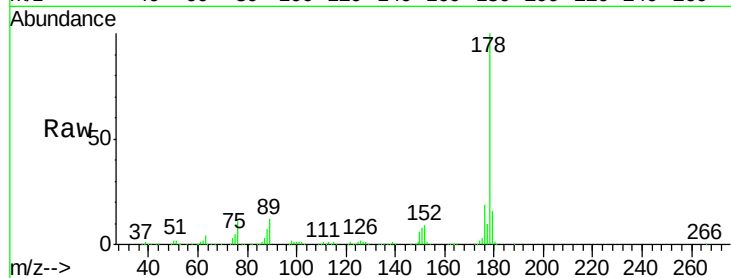




#71
 Anthracene
 Concen: 37.221 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

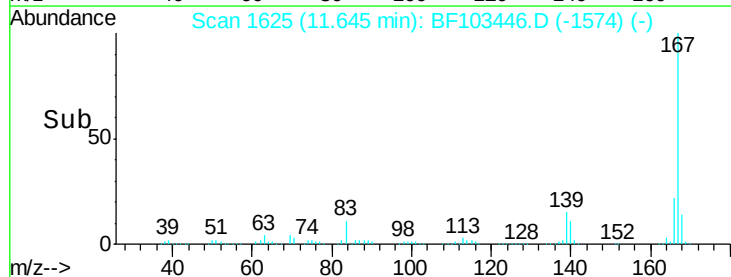
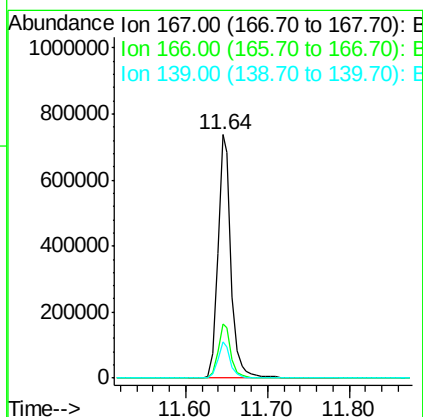
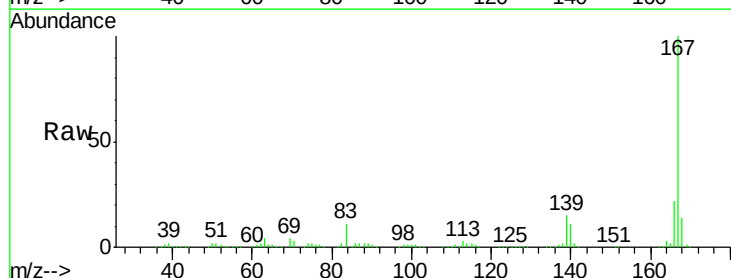
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

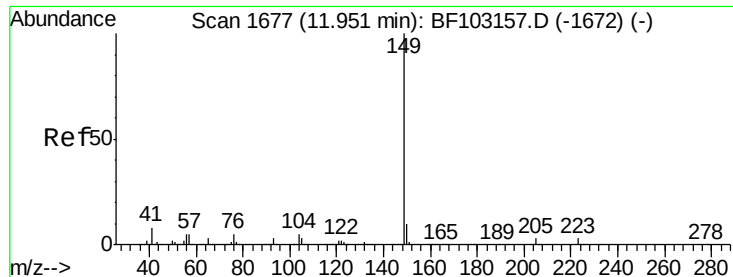
Tot Ion:178 Resp: 823417
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 37.191 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:167 Resp: 819346
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.723 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

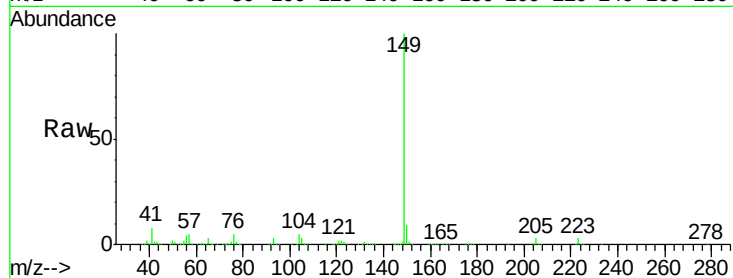
Tot Ion:149 Resp: 1012328

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

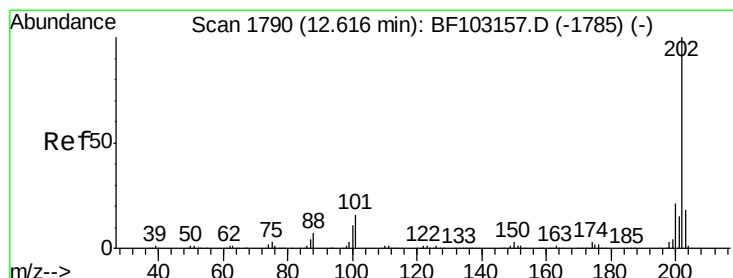
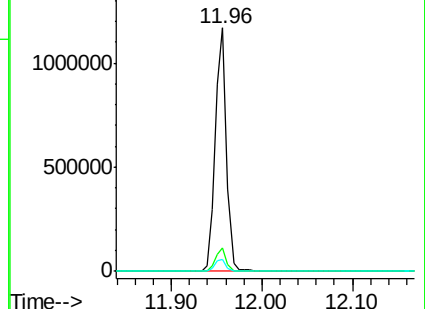
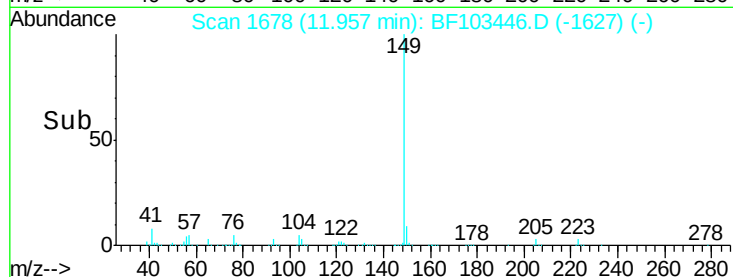
104 4.9 3.8 5.8



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: 36.888 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

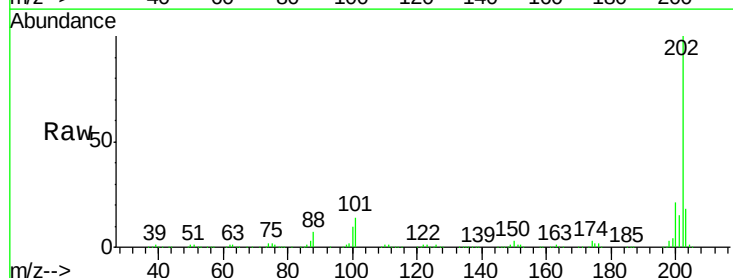
Tgt Ion:202 Resp: 799709

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

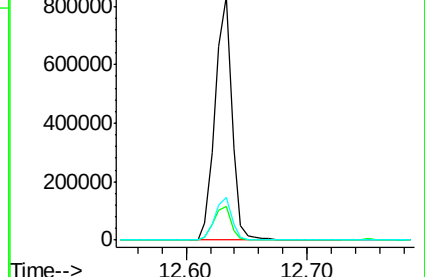
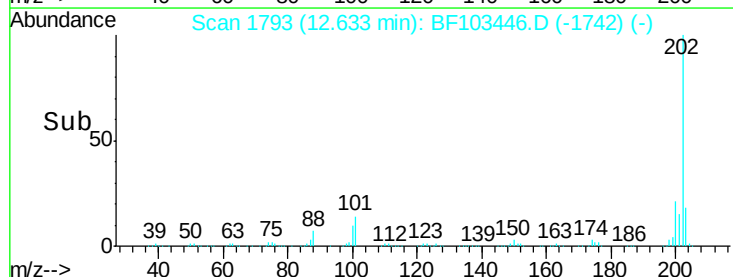
203 17.6 0.0 38.1

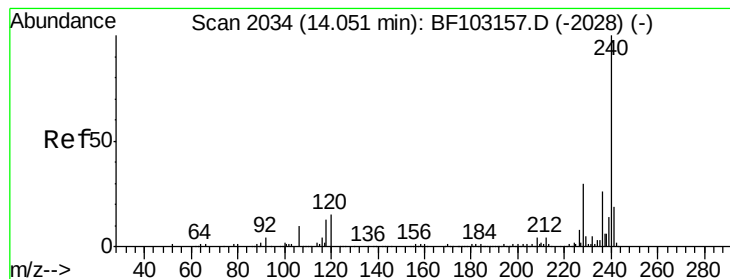


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

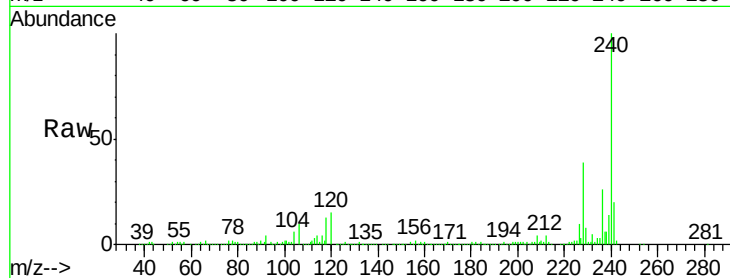
Tot Ion:240 Resp: 269976

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

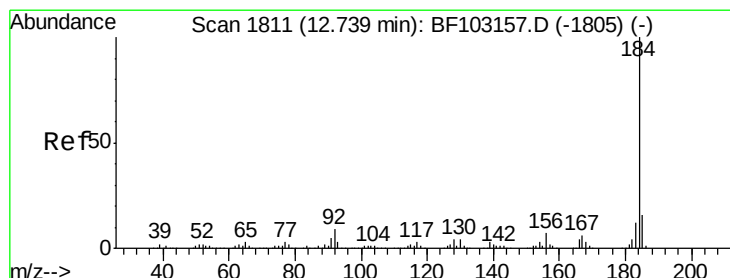
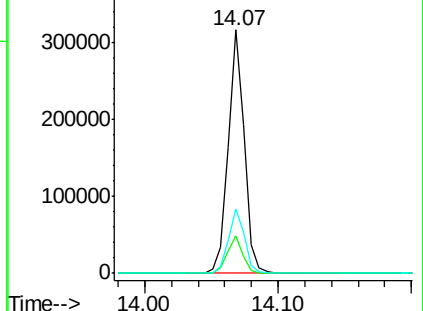
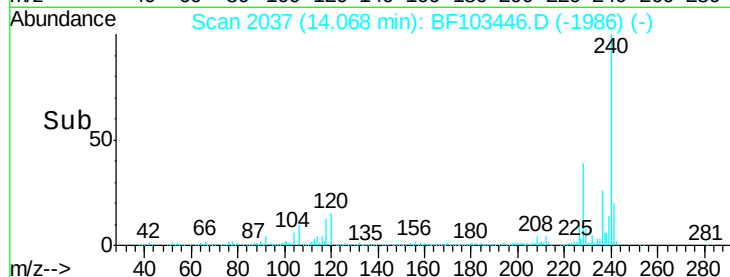
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.054 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

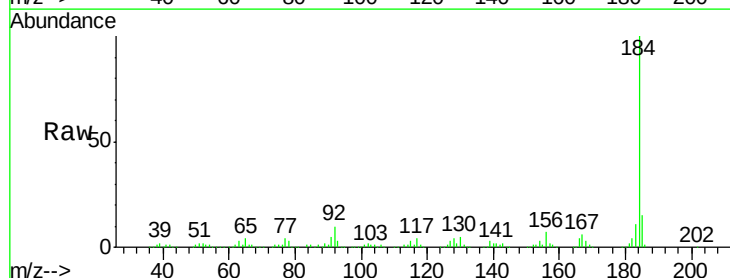
Tgt Ion:184 Resp: 434552

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

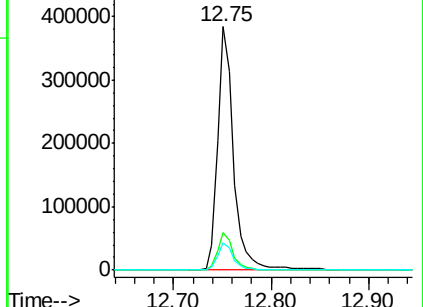
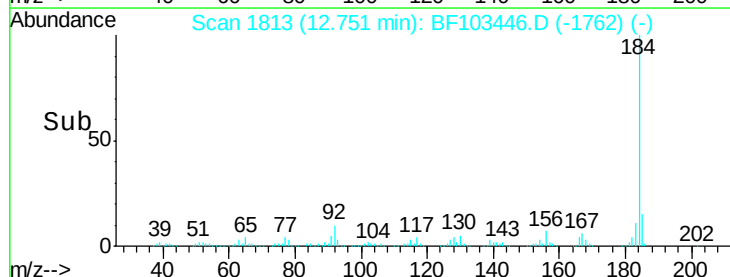
183 11.1 9.3 13.9

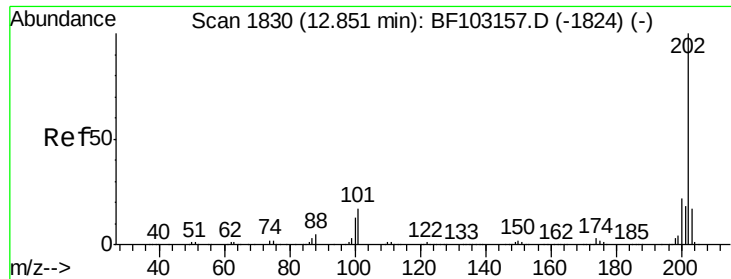


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

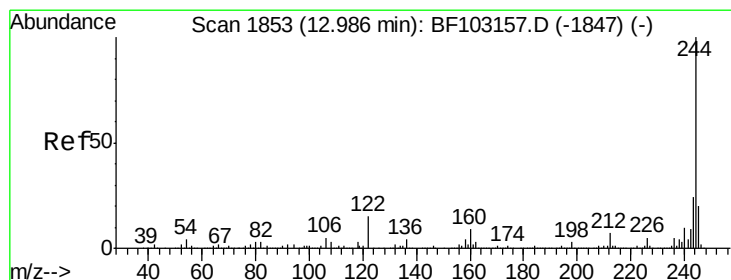
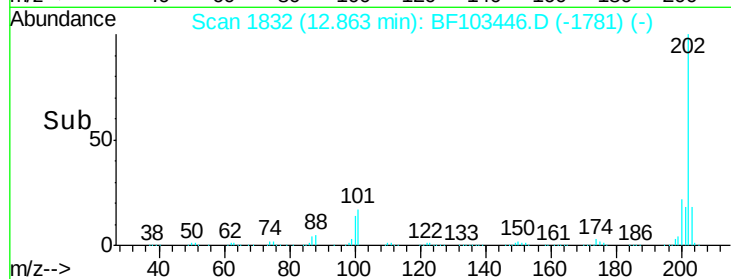
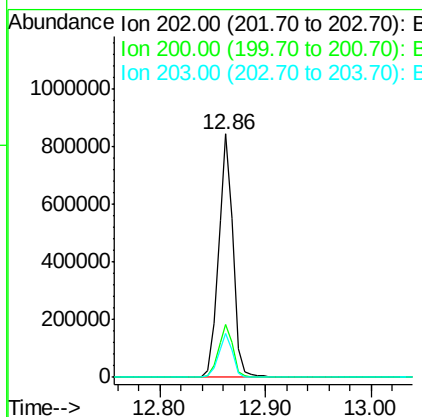
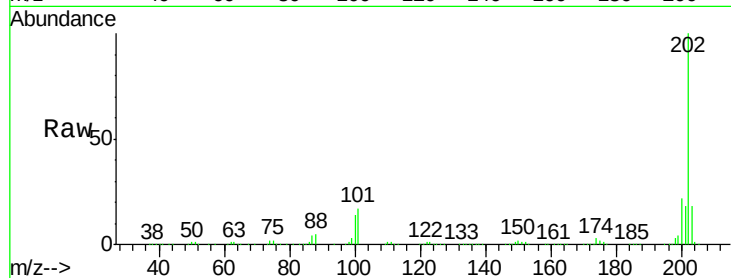




#77
Pvrene
Concen: 38.748 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

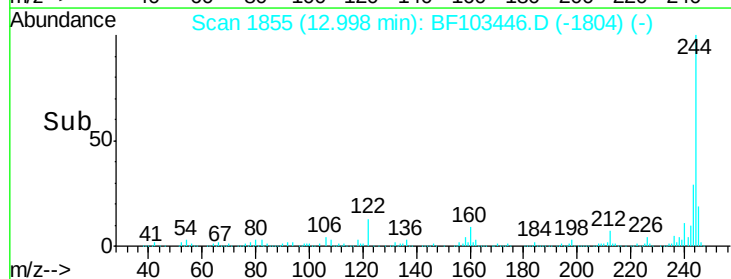
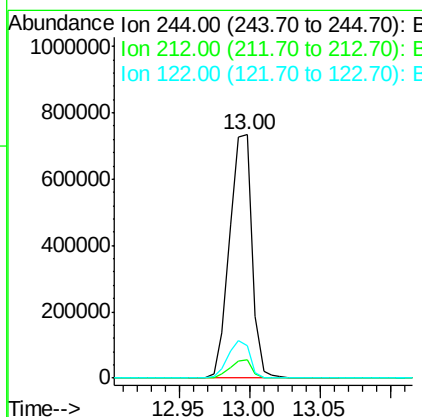
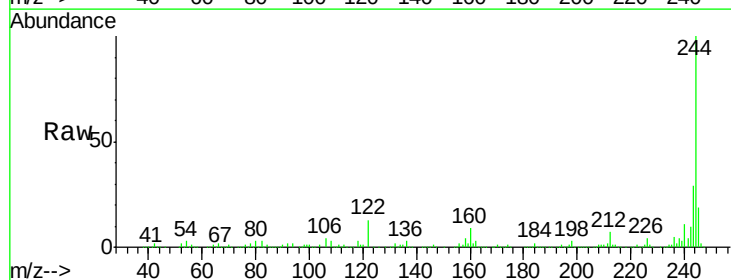
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

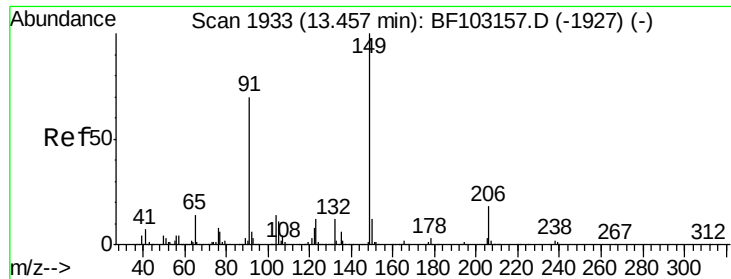
Tot Ion:202 Resp: 815609
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 72.440 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:244 Resp: 813562
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.5 11.0 16.4





#79

Butylbenzylphthalate

Concen: 39.785 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

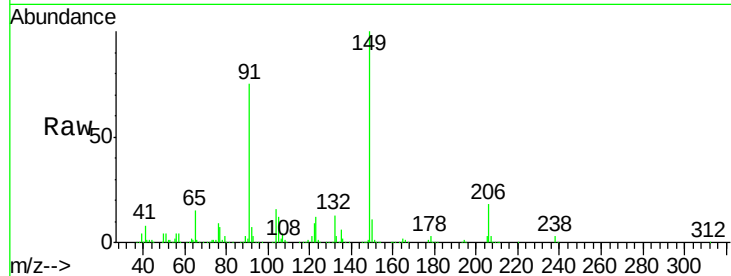
Tot Ion:149 Resp: 442450

Ion Ratio Lower Upper

149 100

91 75.5 56.8 85.2

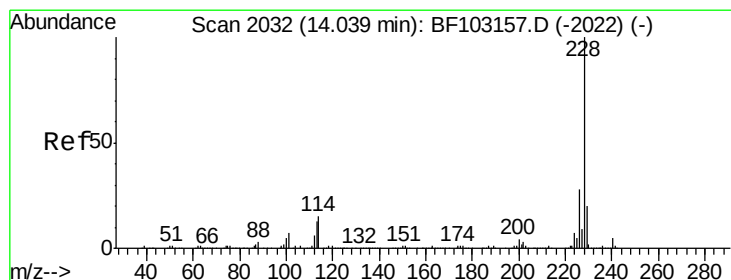
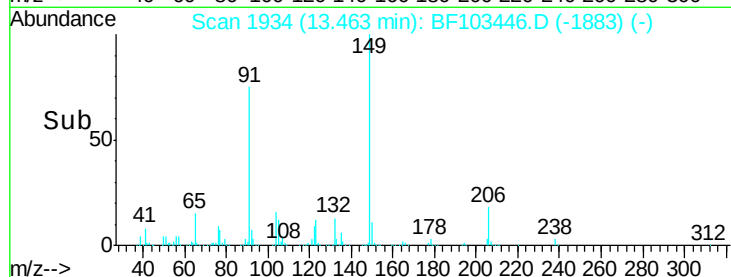
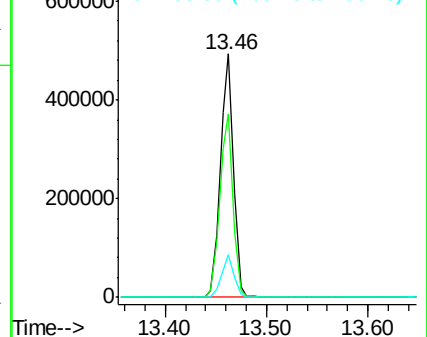
206 17.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.751 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

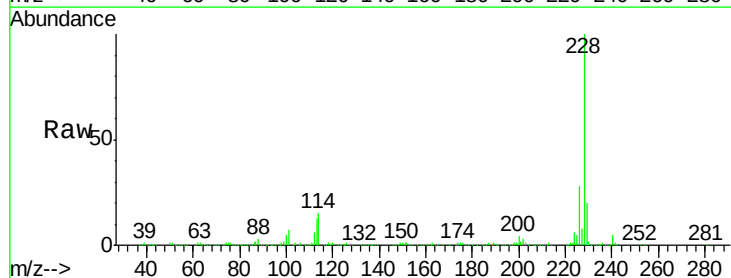
Tgt Ion:228 Resp: 661279

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

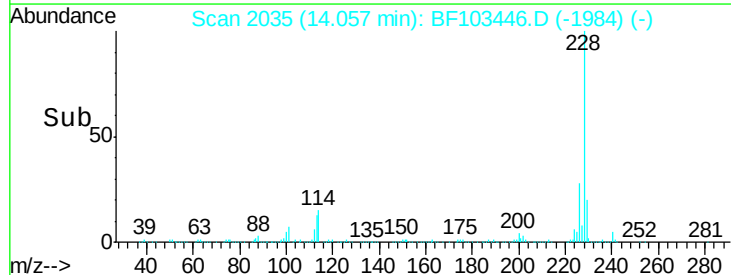
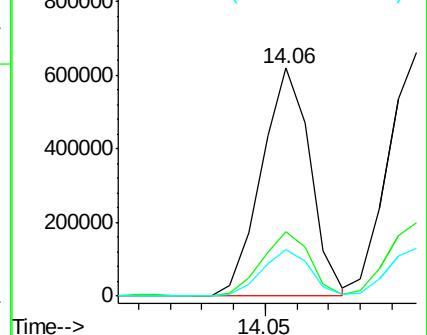
229 20.3 15.8 23.6

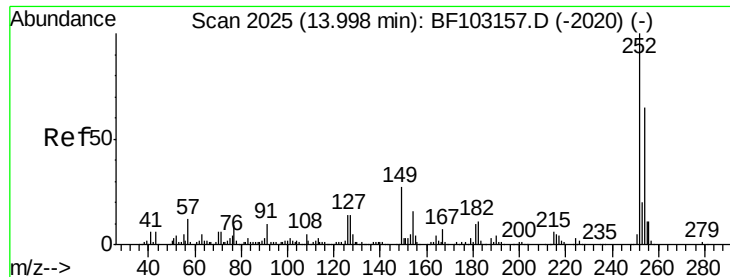


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

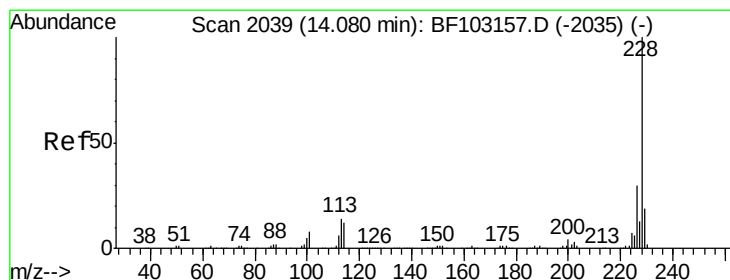
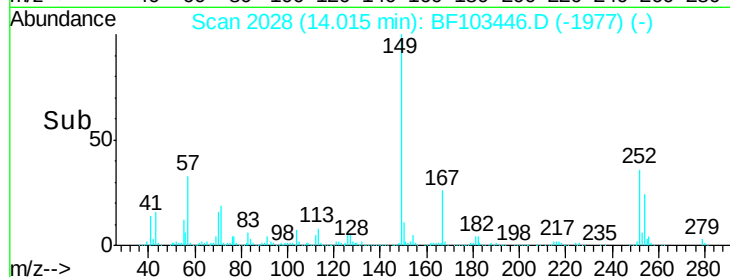
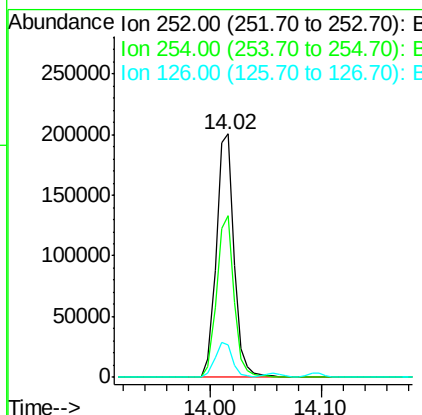
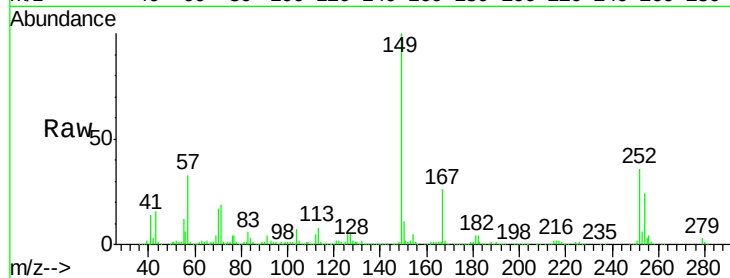




#81
 3,3'-Dichlorobenzidine
 Concen: 35.904 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

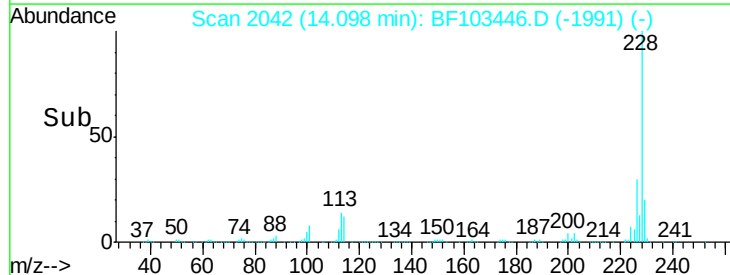
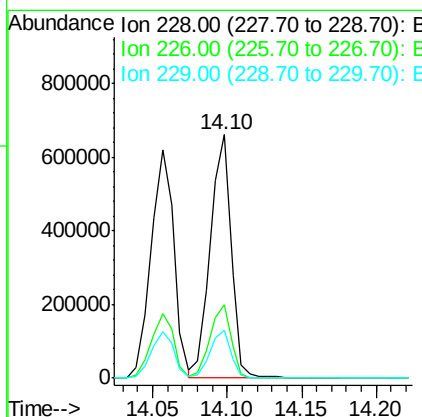
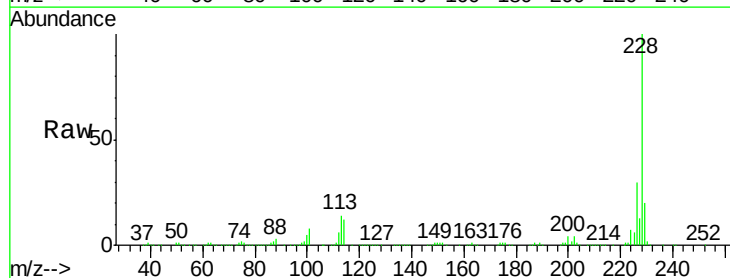
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

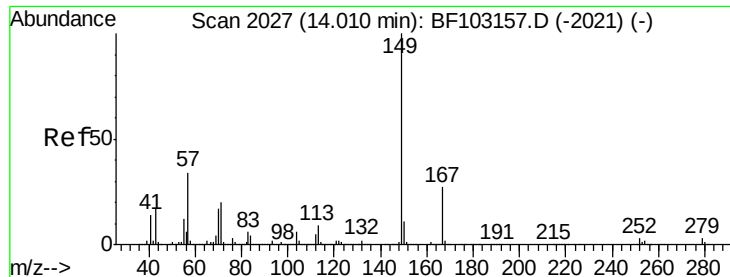
Tot Ion:252 Resp: 224451
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.4 75.6
 126 13.2 11.3 16.9



#82
 Chrysene
 Concen: 37.709 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Tgt Ion:228 Resp: 641380
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 19.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.466 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

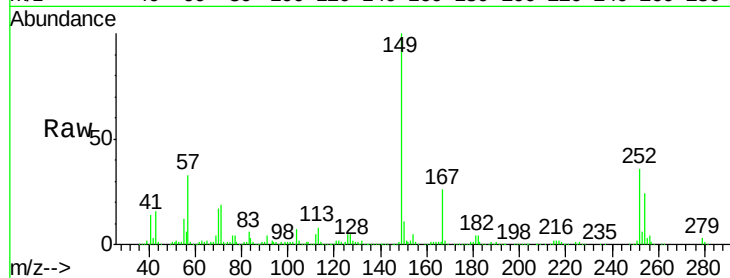
Tot Ion:149 Resp: 547260

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

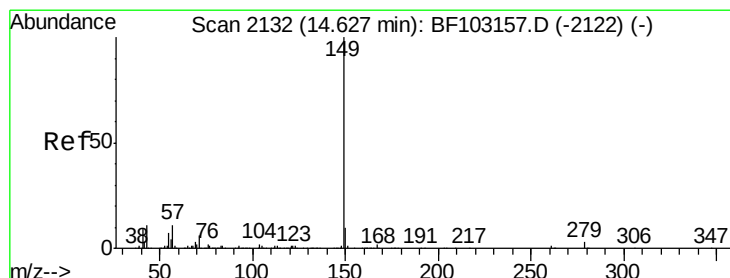
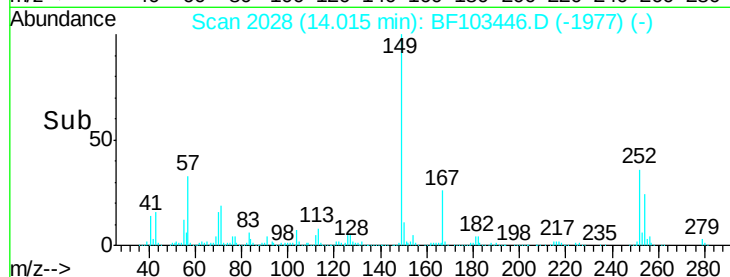
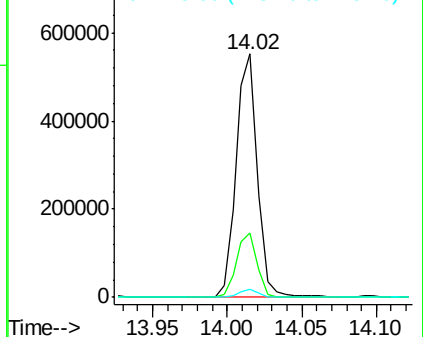
279 3.3 3.0 4.4



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: 40.237 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

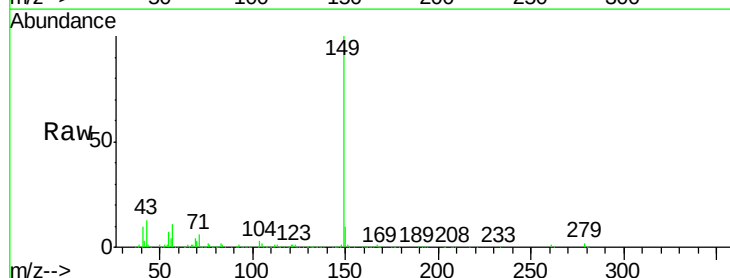
Tgt Ion:149 Resp: 975634

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

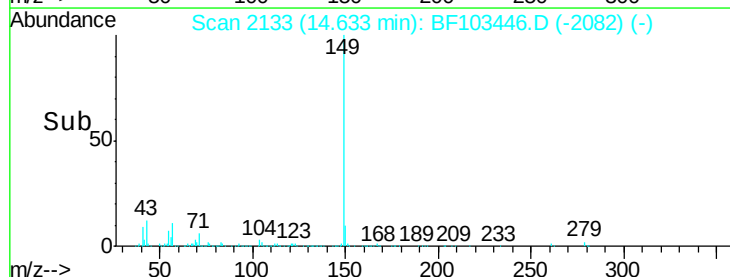
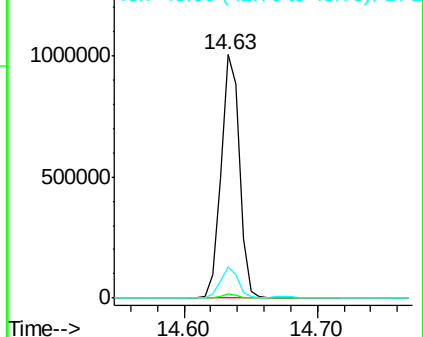
43 11.6 8.4 12.6

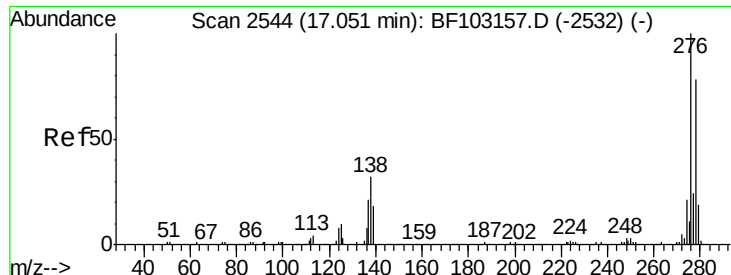


Abundance Ion 149.00 (148.70 to 149.70): E

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: 41.158 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

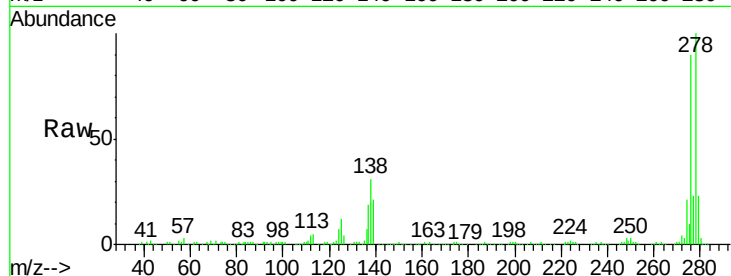
Tot Ion:276 Resp: 554212

Ion Ratio Lower Upper

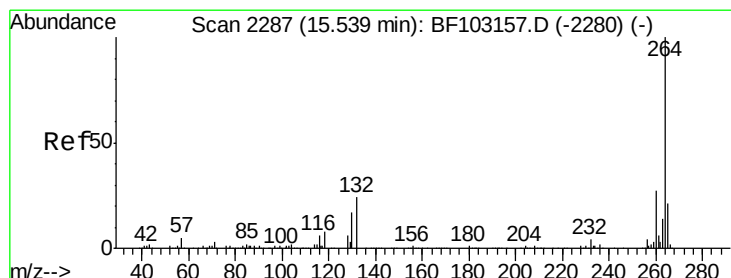
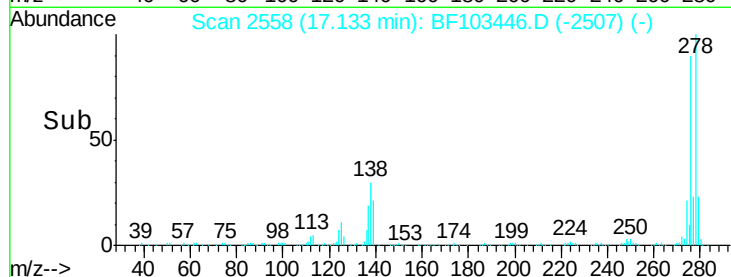
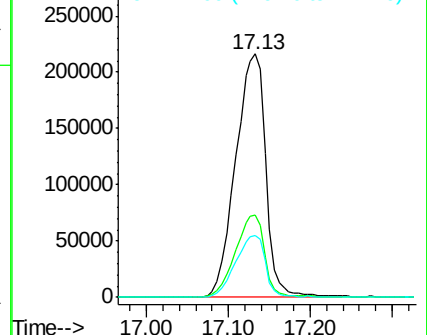
276 100

138 32.9 25.0 37.6

277 25.5 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

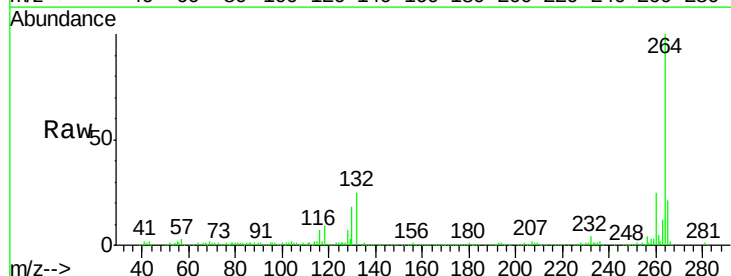
Tgt Ion:264 Resp: 258849

Ion Ratio Lower Upper

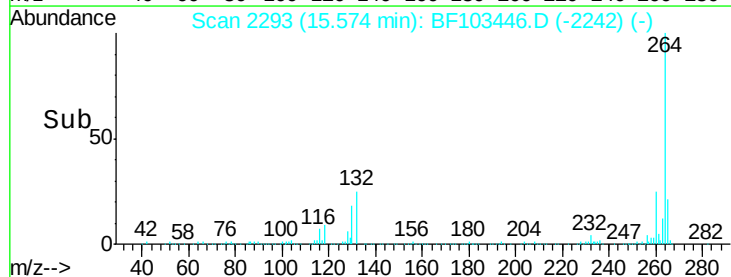
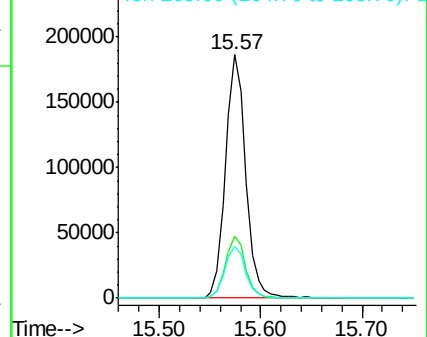
264 100

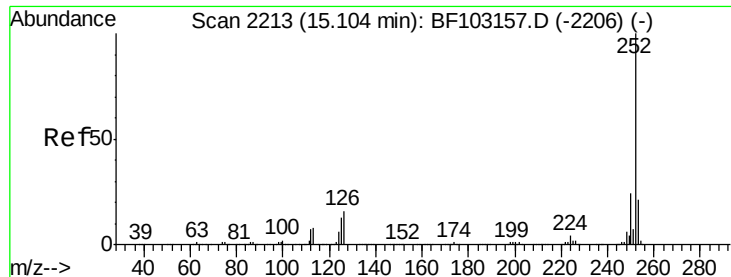
260 25.2 19.2 28.8

265 21.2 17.5 26.3



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

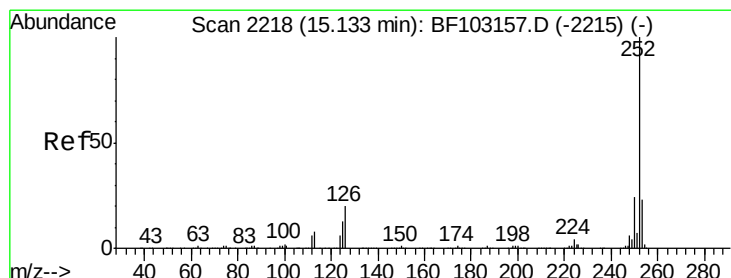
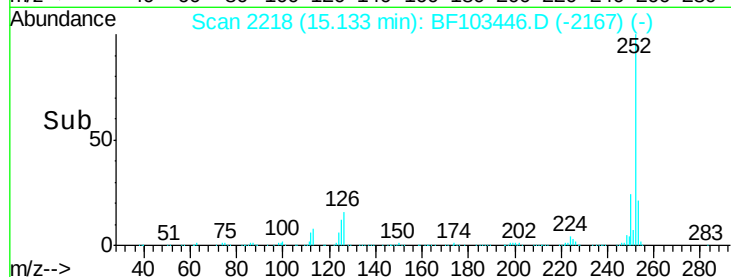
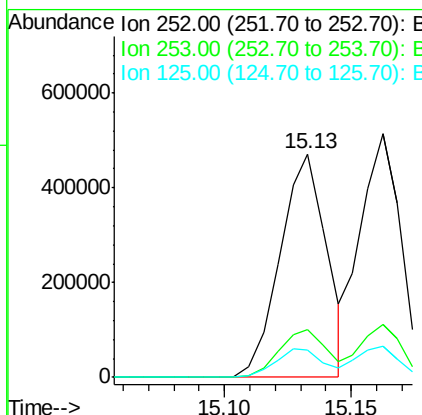
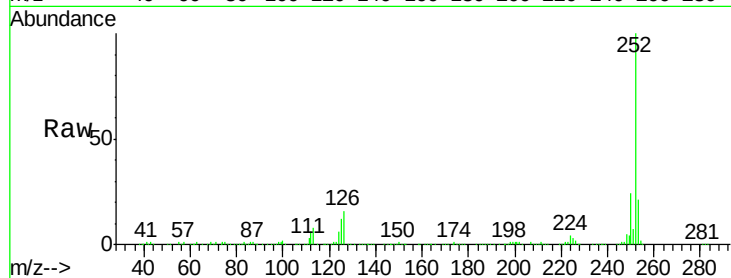




#87
Benzo(b)fluoranthene
Concen: 35.459 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

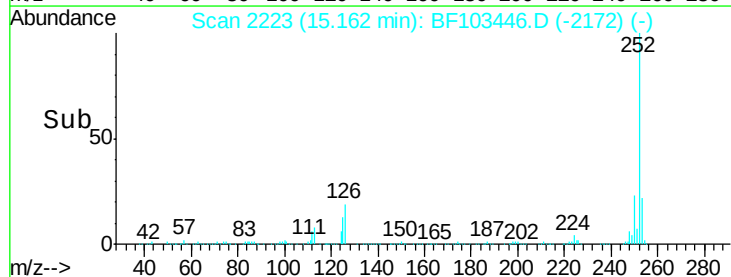
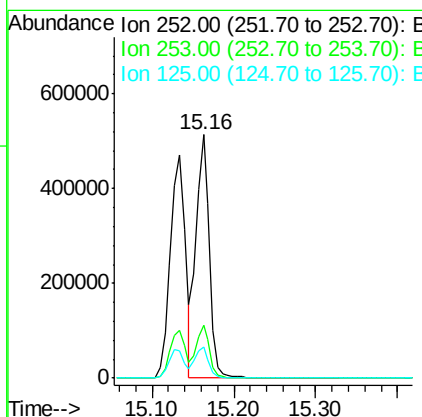
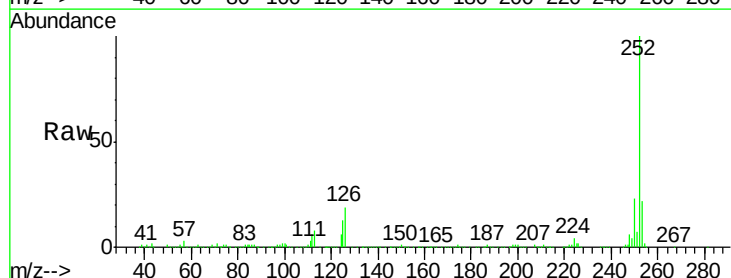
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

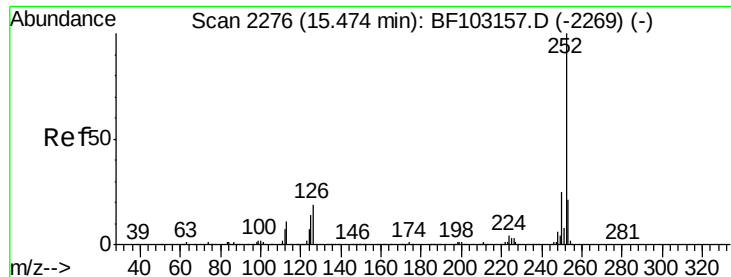
Tot Ion:252 Resp: 603472
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.578 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103446.D
Acq: 6 Mar 2018 10:50

Tgt Ion:252 Resp: 586213
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.273 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

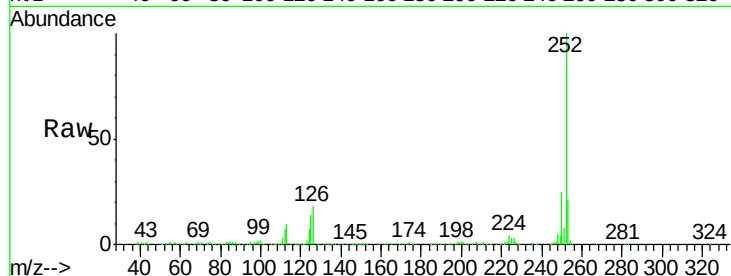
Tot Ion:252 Resp: 566481

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

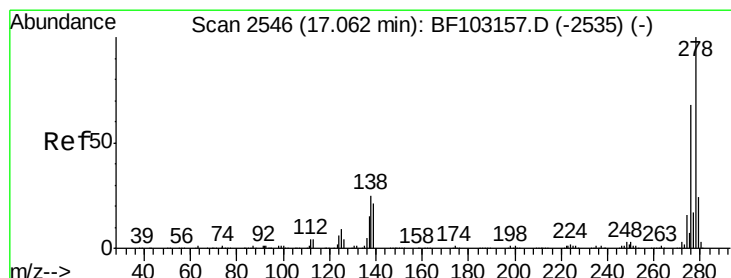
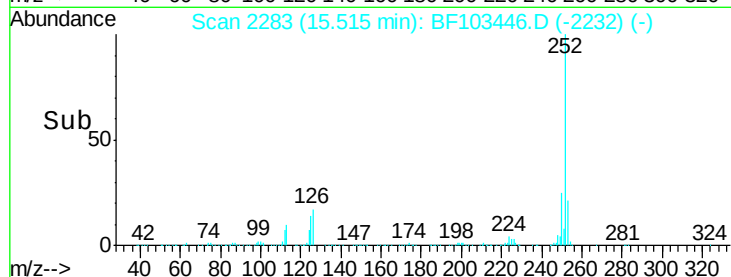
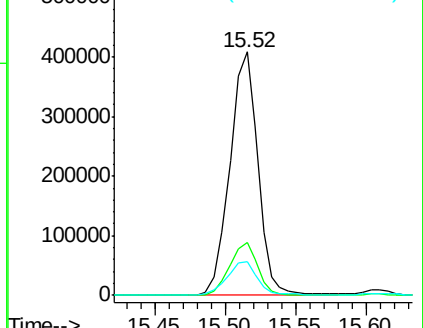
125 13.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.668 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103446.D

Acq: 6 Mar 2018 10:50

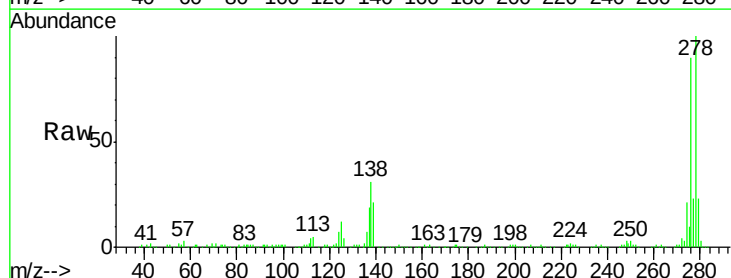
Tgt Ion:278 Resp: 465855

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

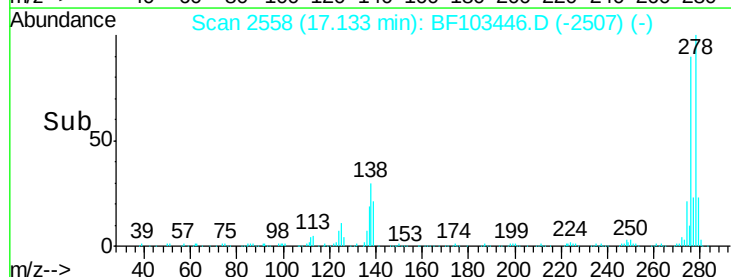
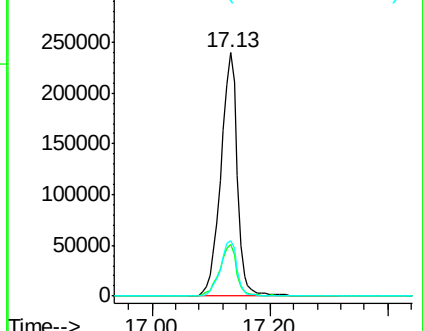
279 22.6 19.0 28.4

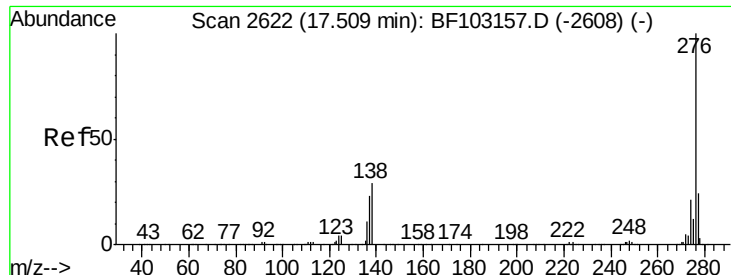


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.372 ng
 RT: 17.60 min Scan# 2637
 Delta R.T. 0.00 min
 Lab File: BF103446.D
 Acq: 6 Mar 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	27.6	21.8	32.8

