

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103744.D
 Acq On : 19 Mar 2018 9:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 19 10:47:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156257	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	646432	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	302136	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	534249	20.00	ng	0.00
75) Chrysene-d12	14.16	240	447513	20.00	ng	0.00
86) Perylene-d12	15.70	264	446774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	814501	79.28	ng	0.00
7) Phenol-d6	6.59	99	1004073	79.89	ng	0.00
23) Nitrobenzene-d5	7.54	82	887137	95.70	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	243652	93.79	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1416007	74.76	ng	0.00
78) Terphenyl-d14	13.10	244	1395255	72.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	200656	39.666	ng	91
3) Pyridine	3.60	79	547044	39.317	ng	89
4) n-Nitrosodimethylamine	3.57	42	187956	36.637	ng	# 76
6) Aniline	6.64	93	713843	39.775	ng	98
8) 2-Chlorophenol	6.76	128	437808	40.681	ng	97
9) Benzaldehyde	6.53	77	319742	38.723	ng	98
10) Phenol	6.61	94	534024	39.985	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	441146	40.012	ng	93
12) 1,3-Dichlorobenzene	6.92	146	487988	39.812	ng	99
13) 1,4-Dichlorobenzene	6.99	146	489016	39.703	ng	99
14) 1,2-Dichlorobenzene	7.15	146	450156	39.386	ng	100
15) Benzyl Alcohol	7.11	79	387000	39.740	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	603521	38.486	ng	94
17) 2-Methylphenol	7.22	107	386324	40.311	ng	98
18) Hexachloroethane	7.49	117	178622	41.228	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	302740	37.585	ng	91
20) 3+4-Methylphenols	7.37	107	486448	39.996	ng	98
22) Acetophenone	7.38	105	623541	37.532	ng	# 95
24) Nitrobenzene	7.56	77	478359	43.956	ng	100
25) Isophorone	7.79	82	820575	38.240	ng	99
26) 2-Nitrophenol	7.87	139	232573	54.563	ng	99
27) 2,4-Dimethylphenol	7.90	122	373497	40.629	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	511670	39.377	ng	100
29) 2,4-Dichlorophenol	8.11	162	349944	41.841	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	385684	39.759	ng	99
31) Naphthalene	8.28	128	1260986	38.616	ng	100
32) Benzoic acid	8.02	122	332059	50.533	ng	99
33) 4-Chloroaniline	8.32	127	551848	40.282	ng	99
34) Hexachlorobutadiene	8.39	225	209370	39.366	ng	98
35) Caprolactam	8.70	113	122432	42.512	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	377653	40.959	ng	98
37) 2-Methylnaphthalene	8.97	142	801526	38.706	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	344387	39.954	ng	99
40) Hexachlorocyclopentadiene	9.12	237	209158	47.026	ng	100

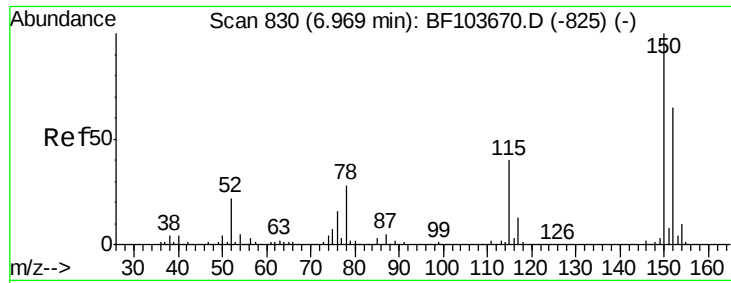
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	245435	44.517	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	274048	44.039	nq	97
45) 1,1'-Biphenyl	9.43	154	982525	38.999	nq	100
46) 2-Chloronaphthalene	9.46	162	788093	39.384	nq	99
47) 2-Nitroaniline	9.56	65	249899	47.776	nq	93
48) Acenaphthylene	9.88	152	1204958	38.832	nq	100
49) Dimethylphthalate	9.73	163	928353	40.273	nq	100
50) 2,6-Dinitrotoluene	9.80	165	205126	46.167	nq	94
51) Acenaphthene	10.05	154	756406	41.054	nq	99
52) 3-Nitroaniline	9.97	138	246921	46.346	nq	99
53) 2,4-Dinitrophenol	10.07	184	85233	69.088	nq	# 21
54) Dibenzofuran	10.22	168	1025971	38.989	nq	98
55) 4-Nitrophenol	10.12	139	186467	46.408	nq	93
56) 2,4-Dinitrotoluene	10.20	165	271598	48.066	nq	# 91
57) Fluorene	10.57	166	793684	38.869	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	199062	45.145	nq	96
59) Diethylphthalate	10.43	149	899293	39.306	nq	99
60) 4-Chlorophenyl-phenylether	10.56	204	368981	39.540	nq	95
61) 4-Nitroaniline	10.59	138	238940	46.575	nq	96
62) Azobenzene	10.72	77	872241	37.498	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	138153	61.866	nq	91
65) n-Nitrosodiphenylamine	10.67	169	726148	39.931	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	226686	41.326	nq	97
67) Hexachlorobenzene	11.12	284	253813	40.541	nq	94
68) Atrazine	11.20	200	237808	42.274	nq	99
69) Pentachlorophenol	11.31	266	164612	45.734	nq	97
70) Phenanthrene	11.53	178	1151316	39.395	nq	99
71) Anthracene	11.59	178	1179076	39.723	nq	100
72) Carbazole	11.74	167	1145429	39.703	nq	99
73) Di-n-butylphthalate	12.06	149	1408160	40.679	nq	100
74) Fluoranthene	12.73	202	1206636	40.077	nq	100
76) Benzidine	12.84	184	640624	33.564	nq	99
77) Pyrene	12.96	202	1236957	37.637	nq	100
79) Butylbenzylphthalate	13.57	149	612213	42.045	nq	98
80) Benzo(a)anthracene	14.15	228	1125118	39.718	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	393853	41.566	nq	98
82) Chrysene	14.19	228	1049935	38.882	nq	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	836327	40.205	nq	99
84) Di-n-octyl phthalate	14.75	149	1354635	44.763	nq	97
85) Indeno(1,2,3-cd)pyrene	17.29	276	1088246	46.148	nq	98
87) Benzo(b)fluoranthene	15.25	252	1082748	38.360	nq	99
88) Benzo(k)fluoranthene	15.28	252	1019495	37.574	nq	100
89) Benzo(a)pyrene	15.64	252	1005247	39.265	nq	98
90) Dibenzo(a,h)anthracene	17.31	278	892599	40.265	nq	99
91) Benzo(g,h,i)perylene	17.77	276	891951	41.359	nq	97

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

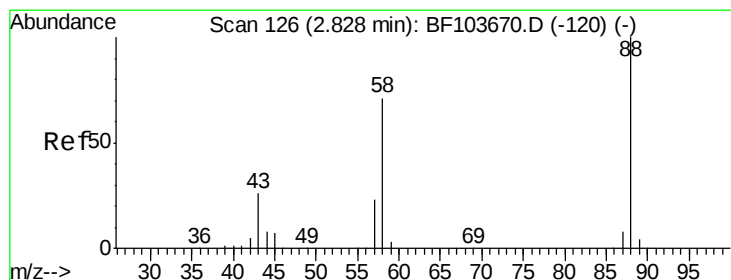
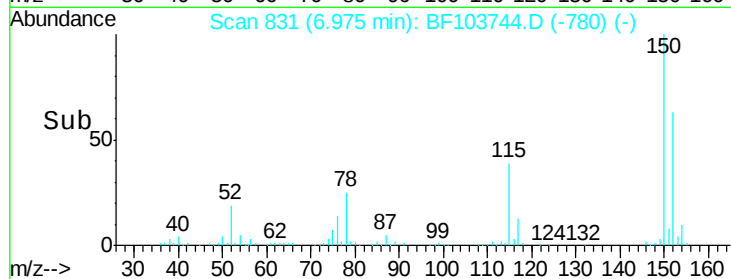
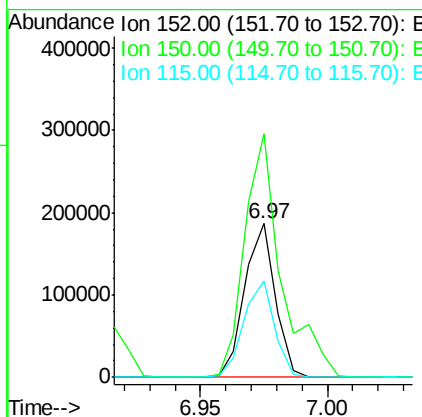
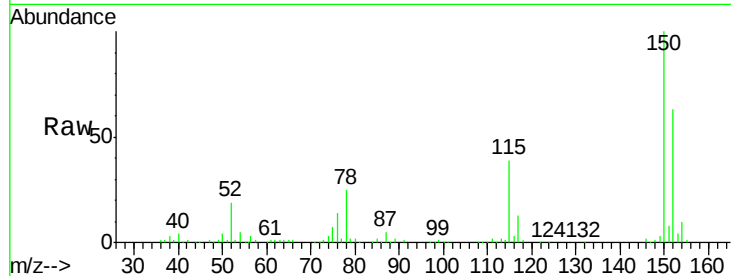


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

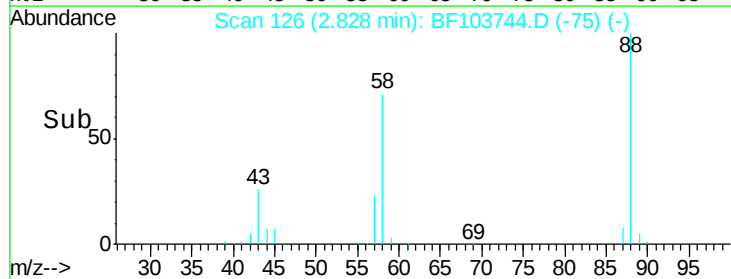
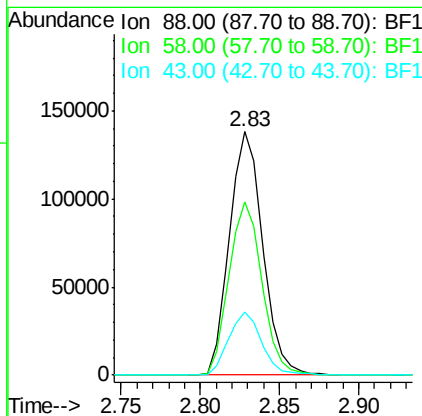
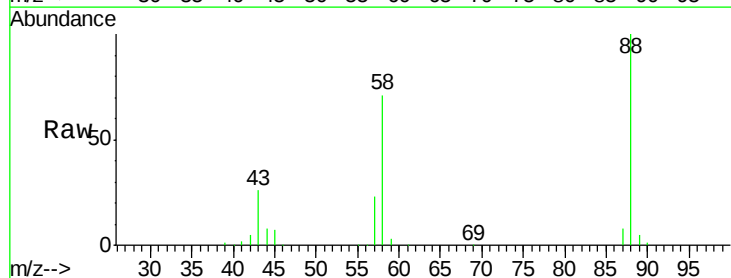
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.4	50.1	75.1

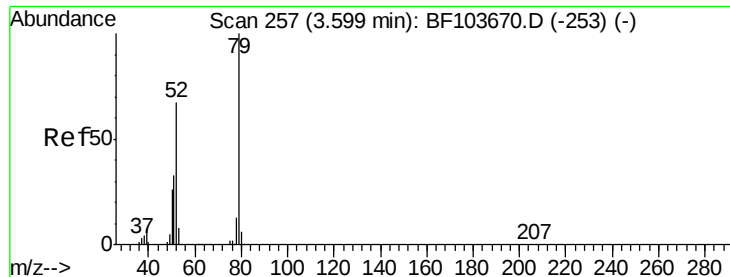


#2

1,4-Dioxane
Concen: 39.666 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	25.7	24.6	37.0





#3

Pvridine

Concen: 39.317 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

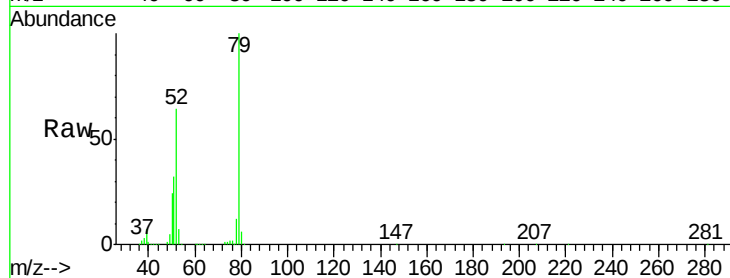
Tot Ion: 79 Resp: 547044

Ion Ratio Lower Upper

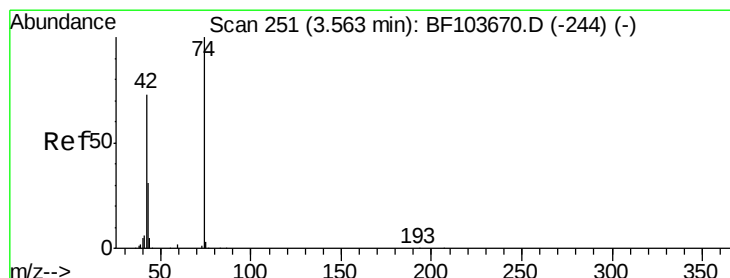
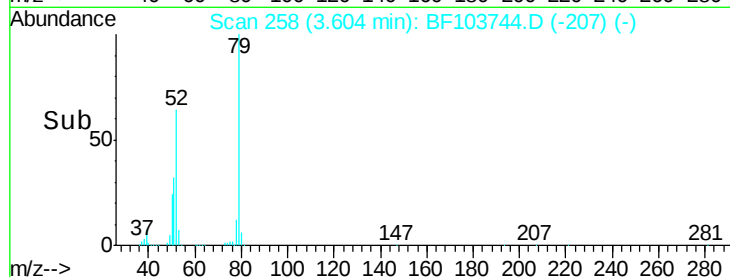
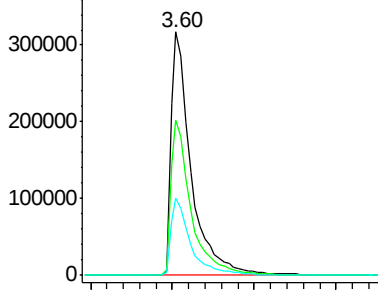
79 100

52 63.9 59.8 89.6

51 31.8 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 36.637 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

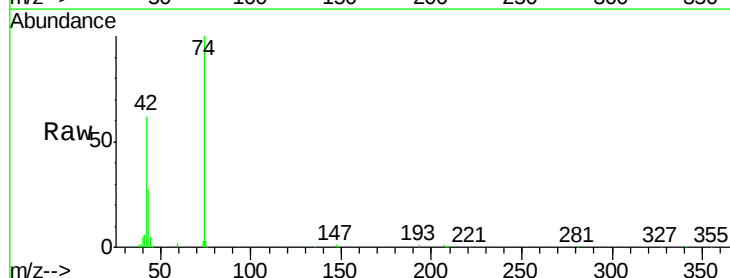
Tgt Ion: 42 Resp: 187956

Ion Ratio Lower Upper

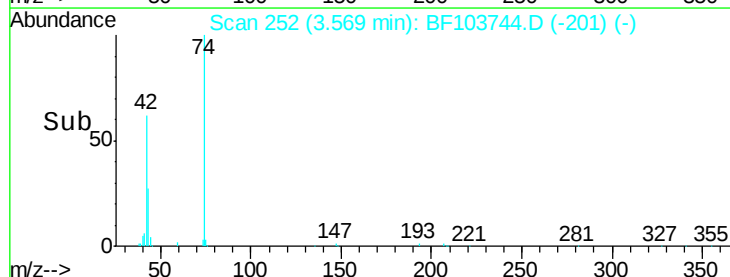
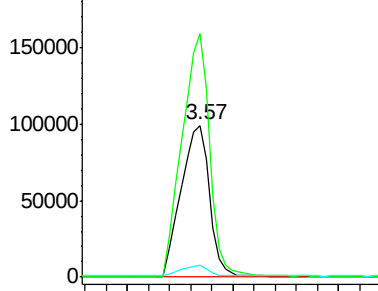
42 100

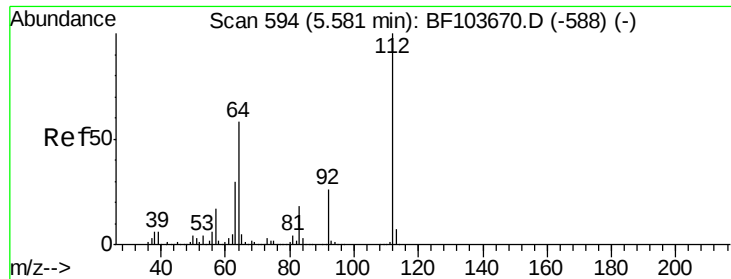
74 160.5 104.9 157.3#

44 7.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 79.283 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

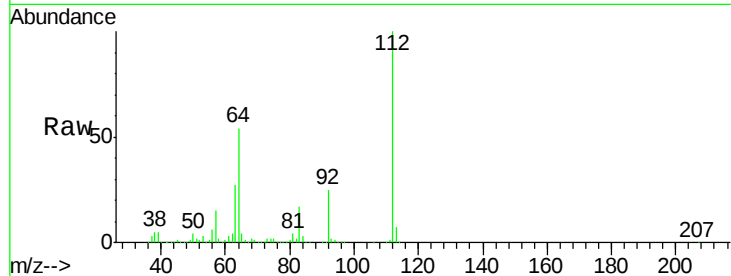
Tot Ion:112 Resp: 814501

Ion Ratio Lower Upper

112 100

64 53.8 47.9 71.9

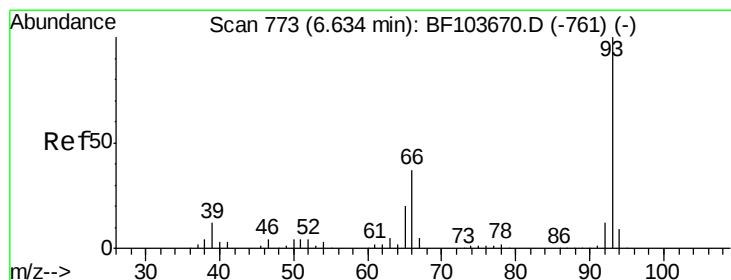
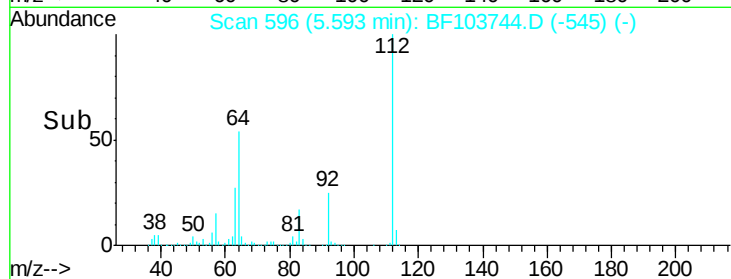
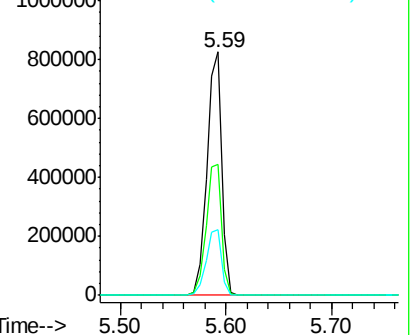
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.775 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

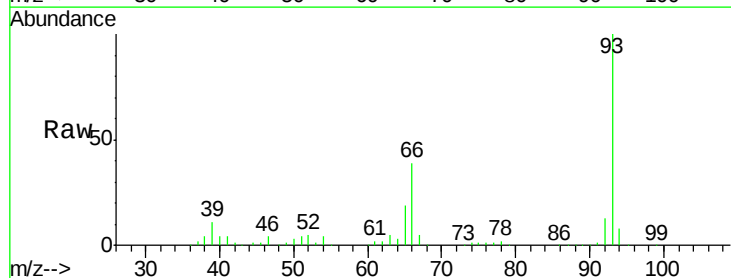
Tgt Ion: 93 Resp: 713843

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

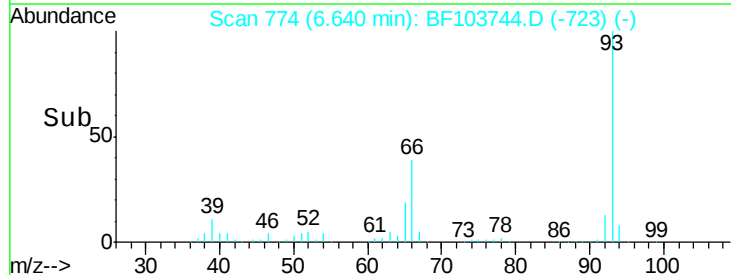
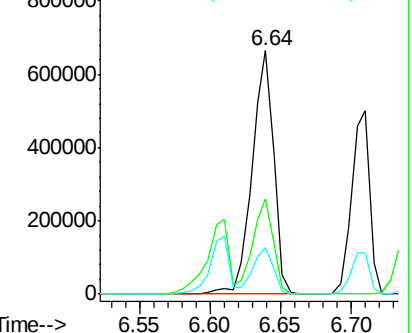
65 19.3 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.887 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

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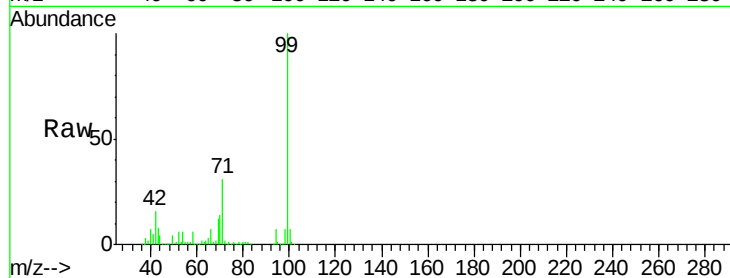
Tot Ion: 99 Resp: 1004073

Ion Ratio Lower Upper

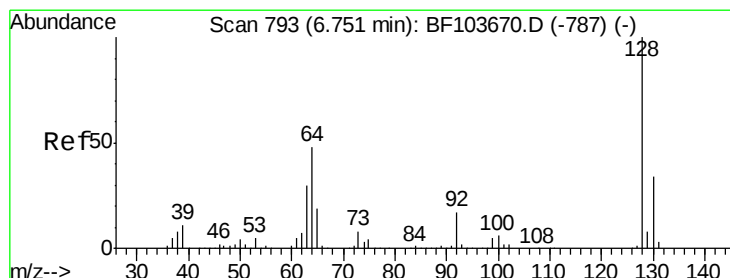
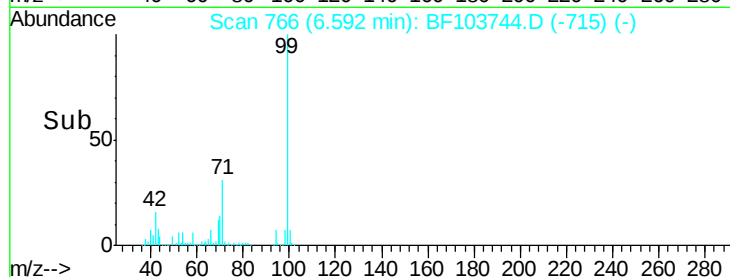
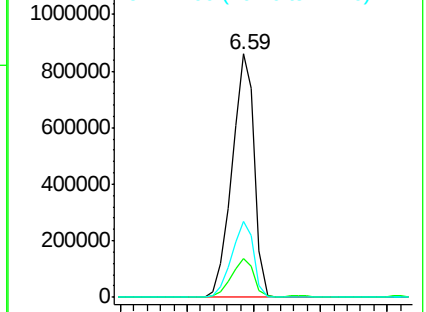
99 100

42 16.1 14.5 21.7

71 31.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.681 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

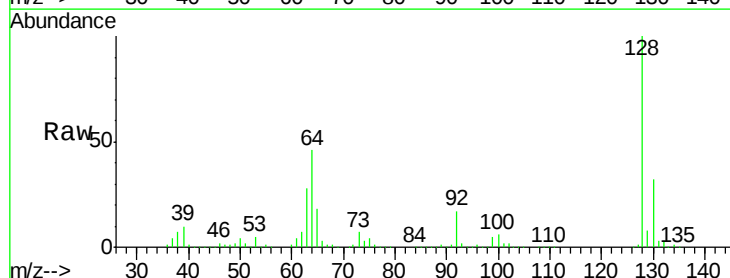
Tgt Ion: 128 Resp: 437808

Ion Ratio Lower Upper

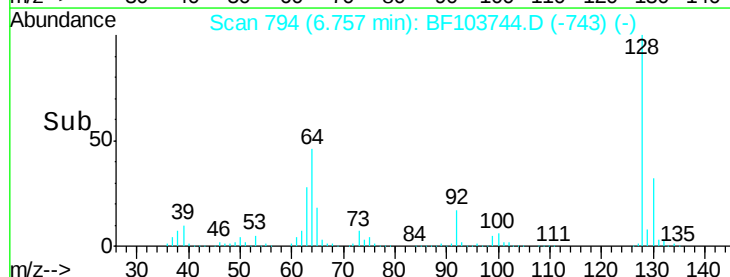
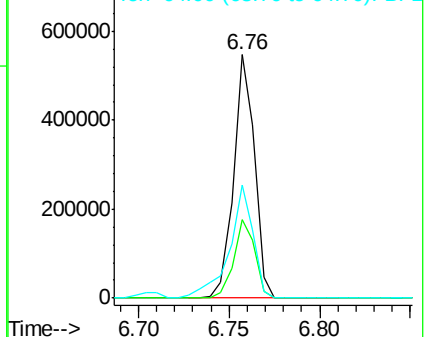
128 100

130 32.0 13.0 53.0

64 46.3 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: 38.723 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

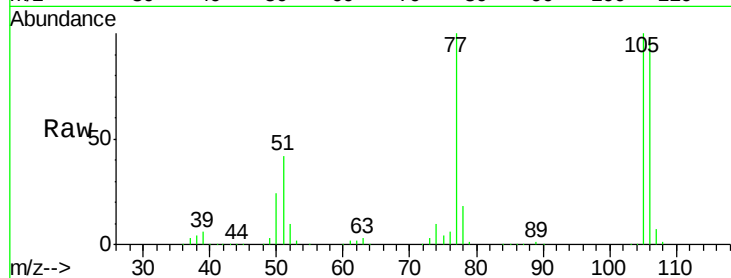
Tot Ion: 77 Resp: 319742

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

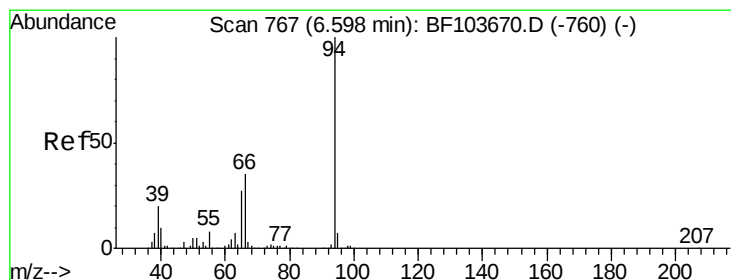
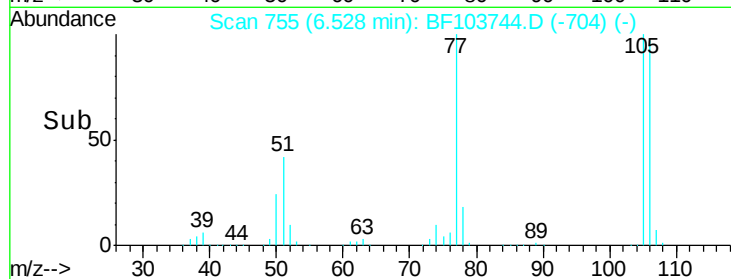
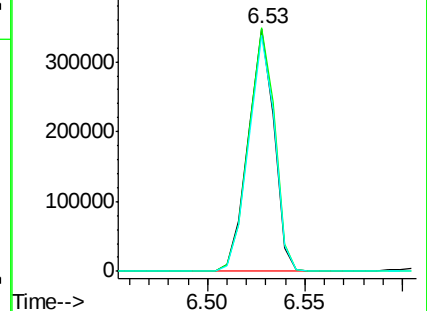
106 97.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.985 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

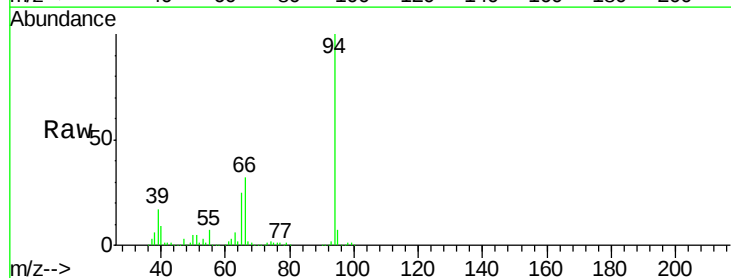
Tgt Ion: 94 Resp: 534024

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

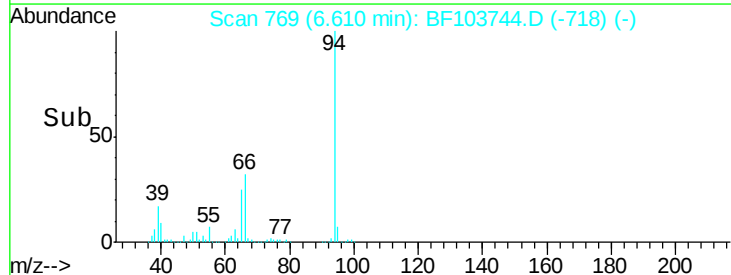
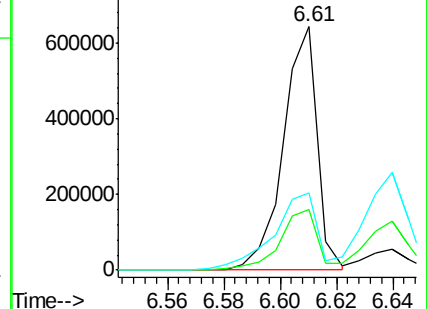
66 31.9 16.2 56.2

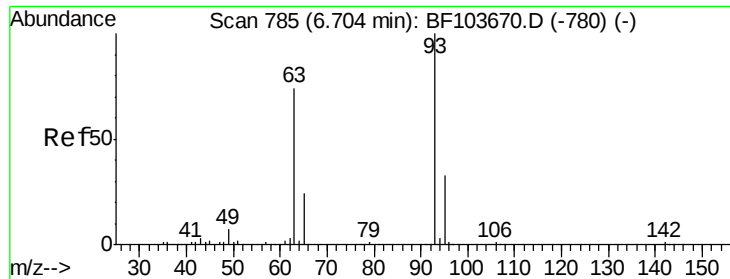


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

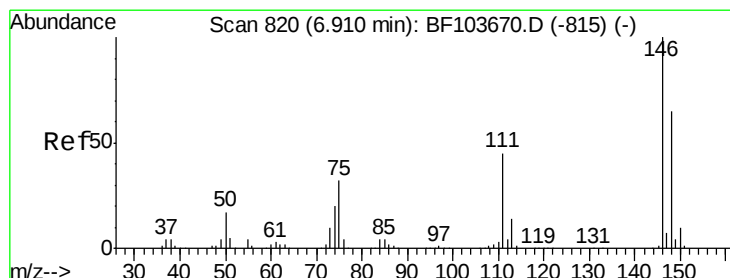
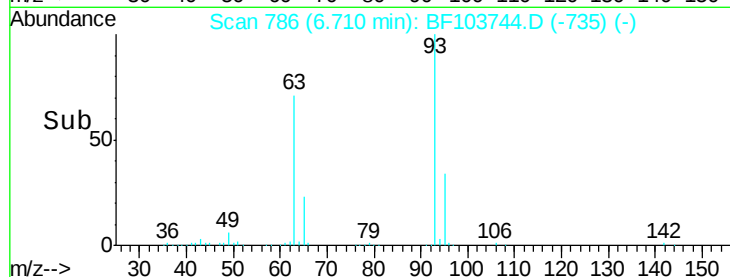
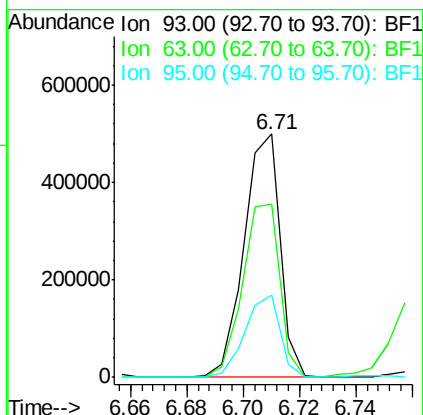
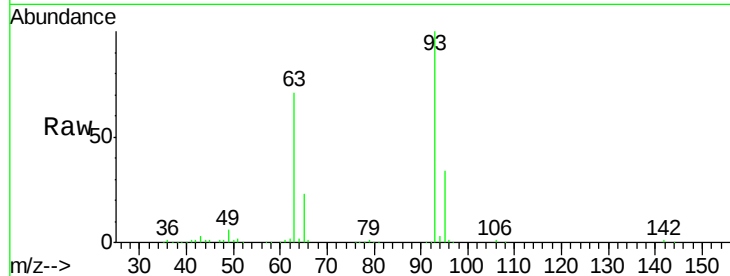




#11
bis(2-Chloroethyl)ether
Concen: 40.012 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

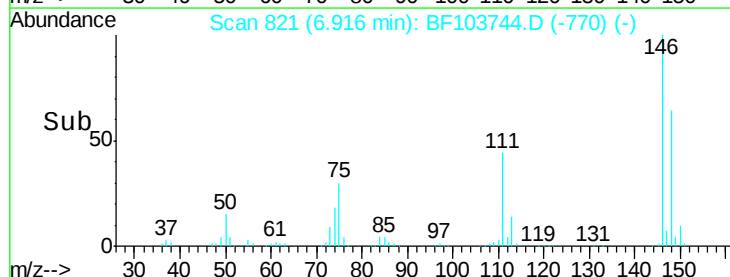
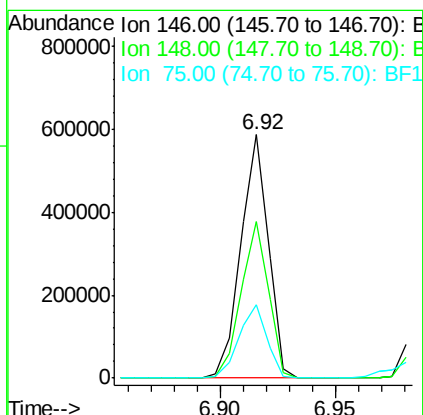
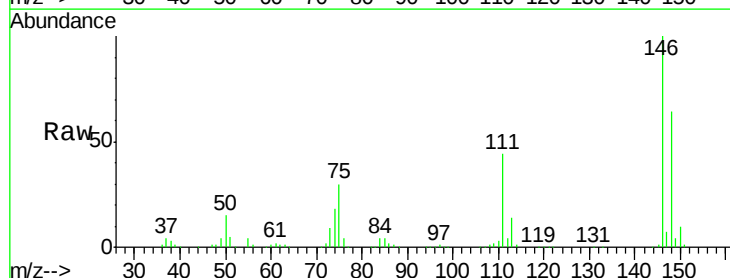
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

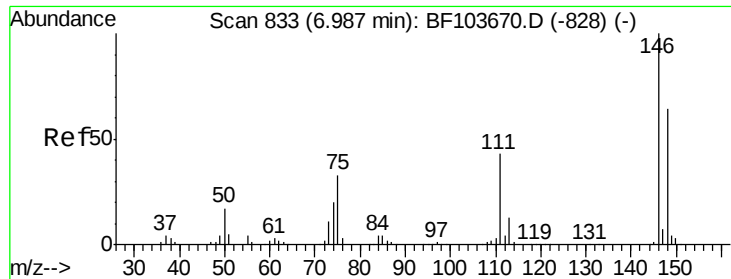
Tot Ion: 93 Resp: 441146
Ion Ratio Lower Upper
93 100
63 71.0 58.6 98.6
95 33.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.812 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion: 146 Resp: 487988
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.2 24.2 36.4

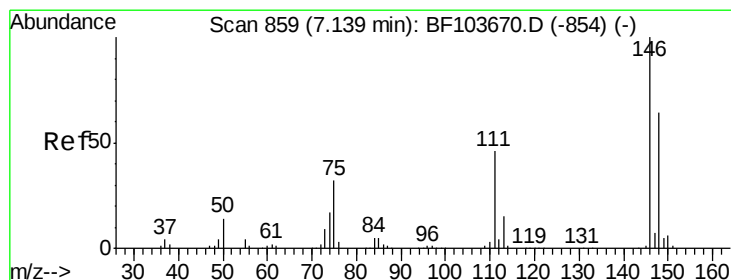
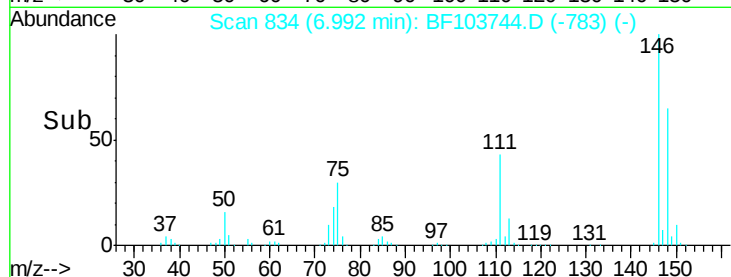
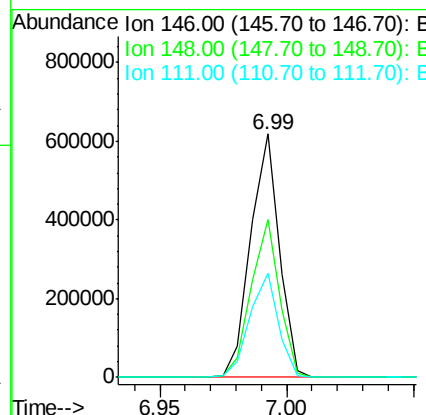
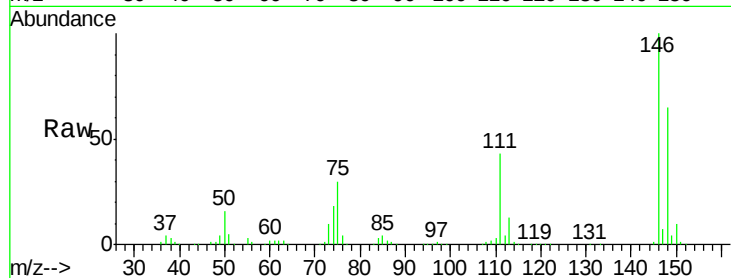




#13
 1,4-Dichlorobenzene
 Concen: 39.703 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

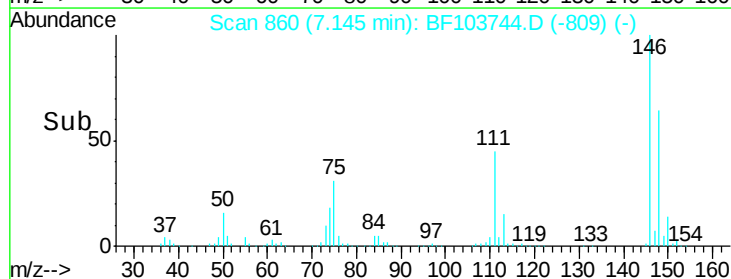
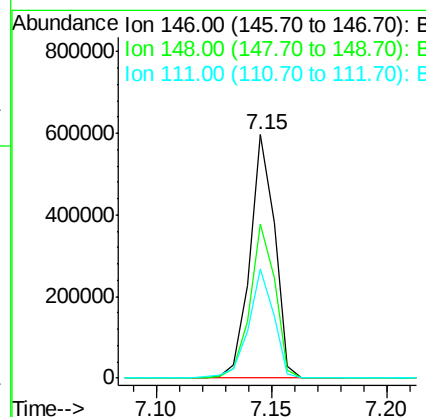
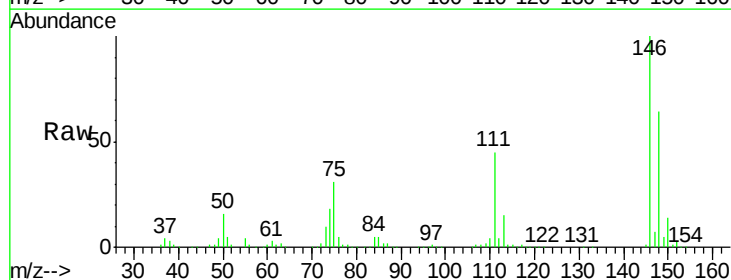
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

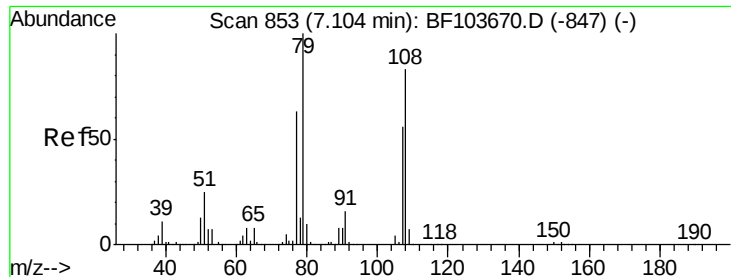
Tot Ion:146 Resp: 489016
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 42.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.386 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Tgt Ion:146 Resp: 450156
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 45.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.740 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

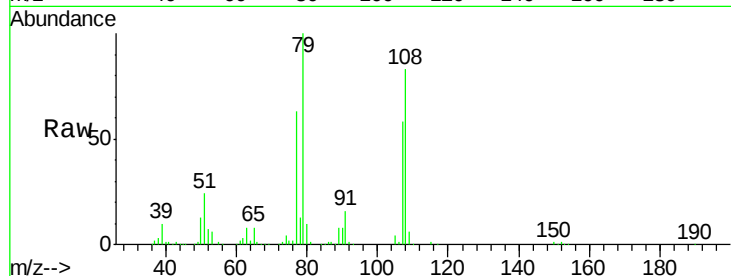
Tot Ion: 79 Resp: 387000

Ion Ratio Lower Upper

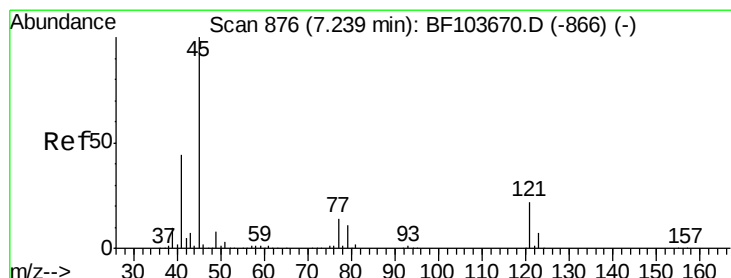
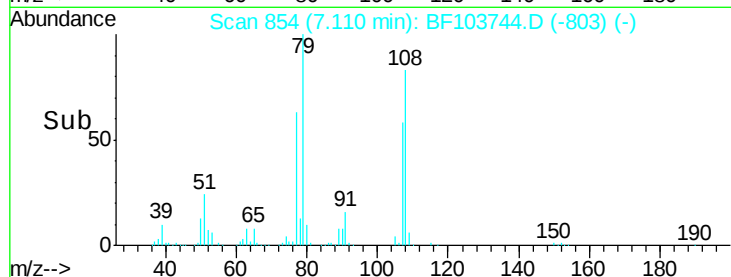
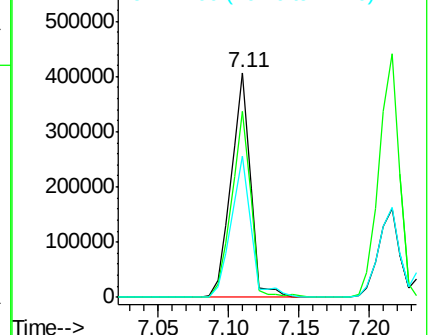
79 100

108 83.0 65.1 97.7

77 62.7 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.486 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

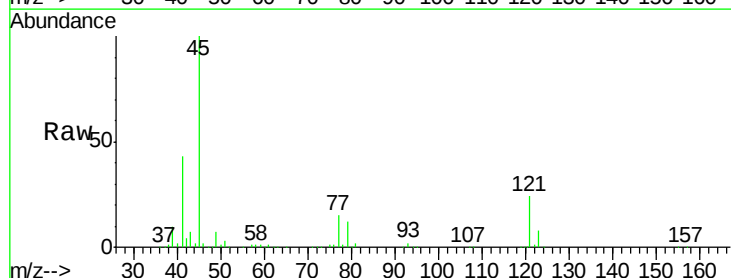
Tgt Ion: 45 Resp: 603521

Ion Ratio Lower Upper

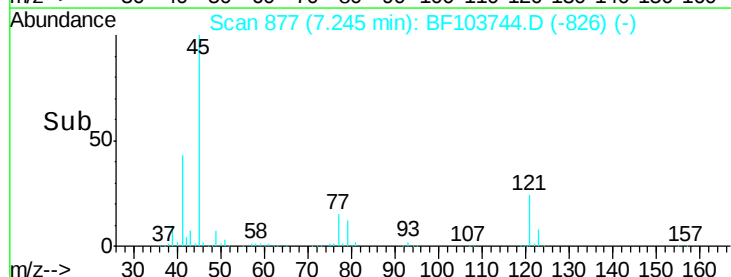
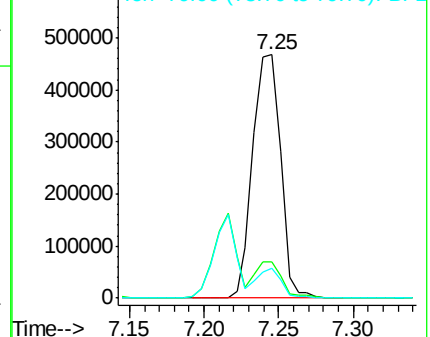
45 100

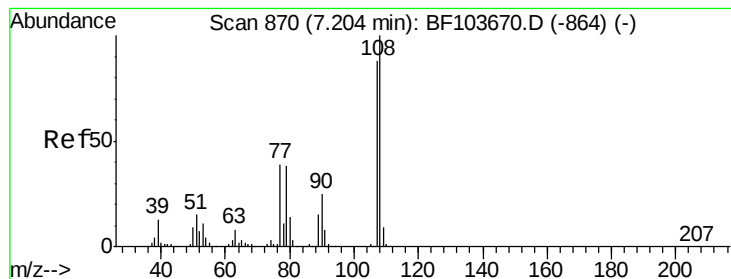
77 15.1 0.0 32.9

79 12.4 0.0 29.6



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

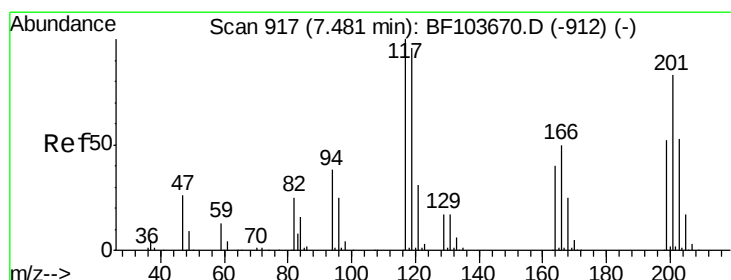
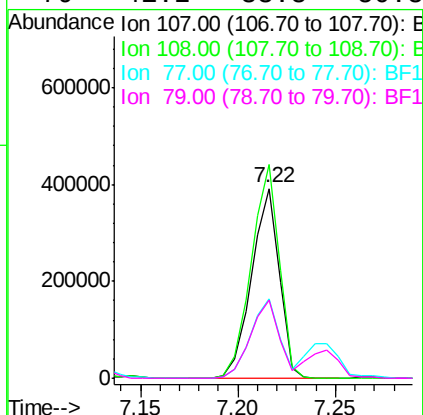
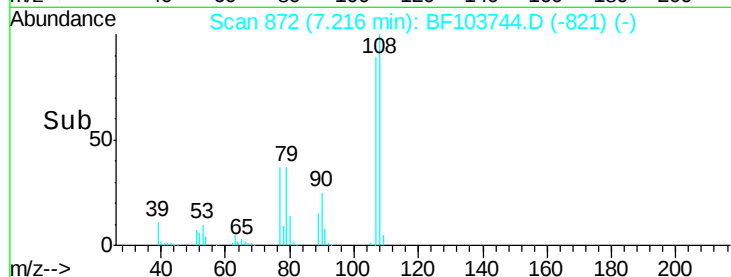
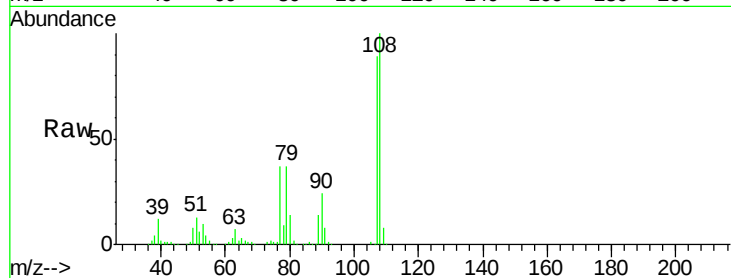




#17
2-Methylphenol
Concen: 40.311 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

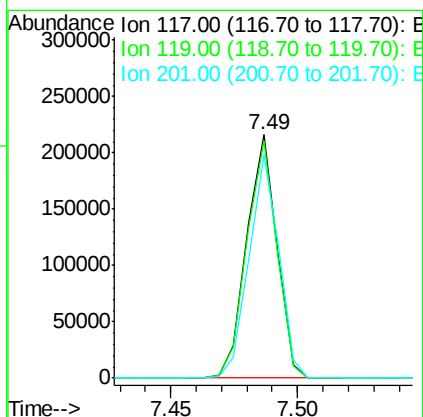
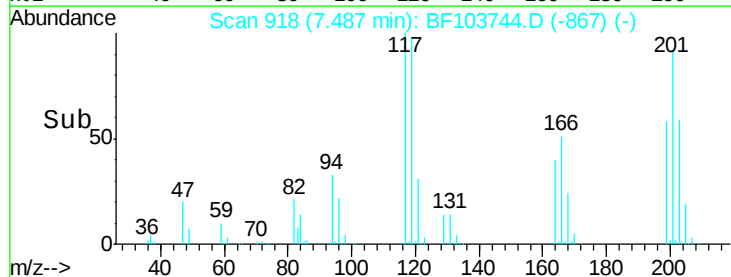
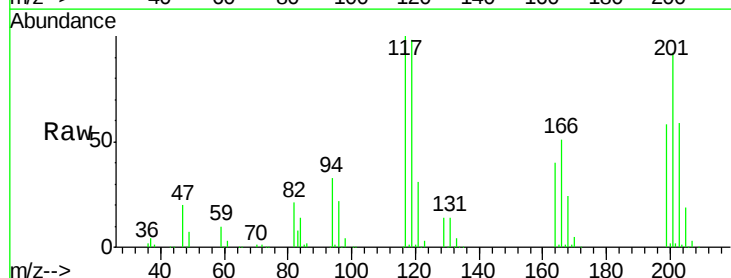
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

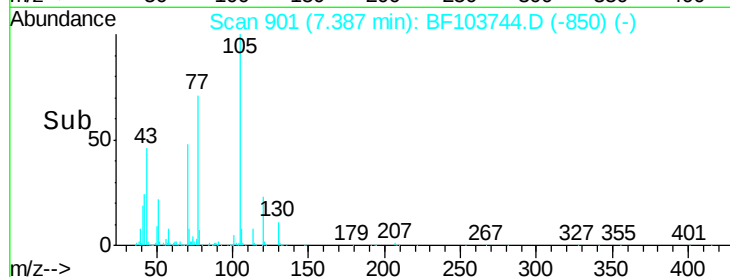
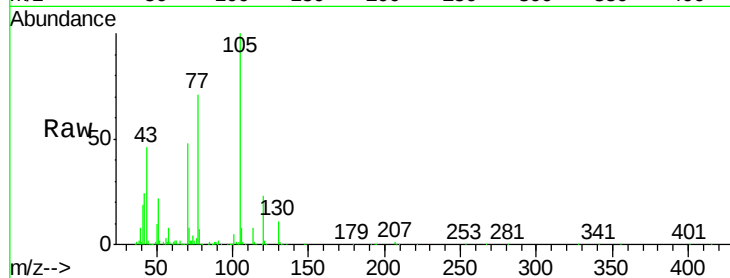
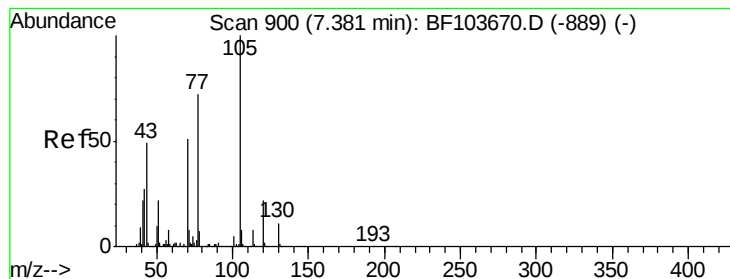
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	41.8	33.8	50.8
79	41.2	33.8	50.8



#18
Hexachloroethane
Concen: 41.228 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	91.5	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.585 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 302740

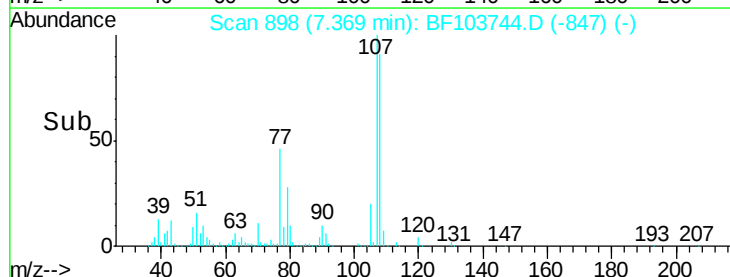
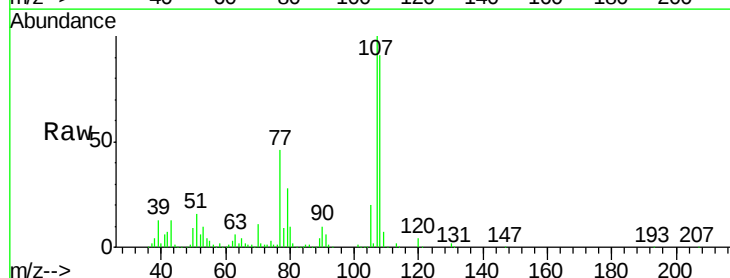
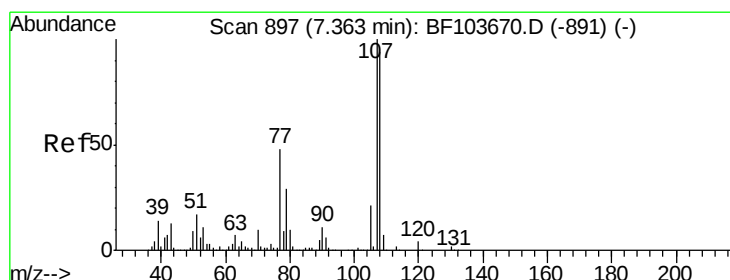
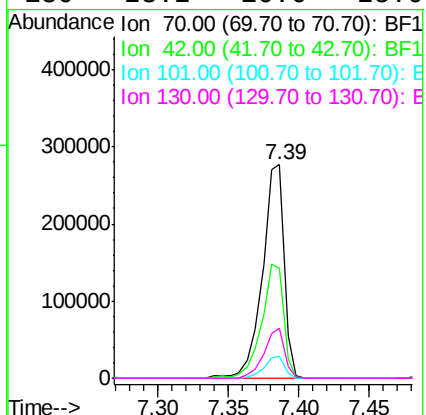
Ion Ratio Lower Upper

70 100

42 51.3 47.5 71.3

101 10.0 7.4 11.2

130 23.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.996 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Tgt Ion: 107 Resp: 486448

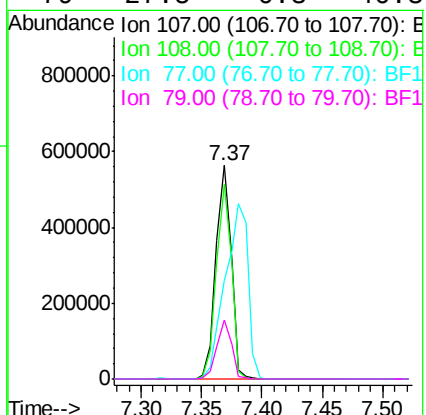
Ion Ratio Lower Upper

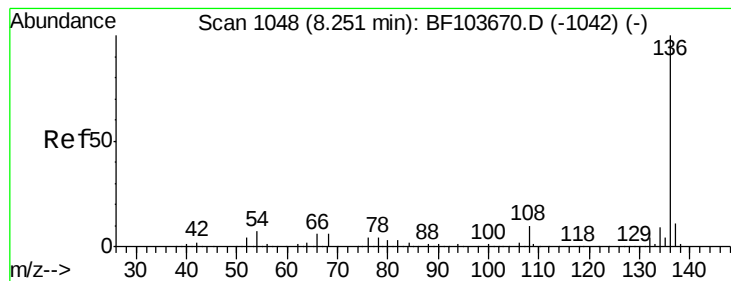
107 100

108 90.9 68.2 108.2

77 46.2 26.7 66.7

79 27.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 646432

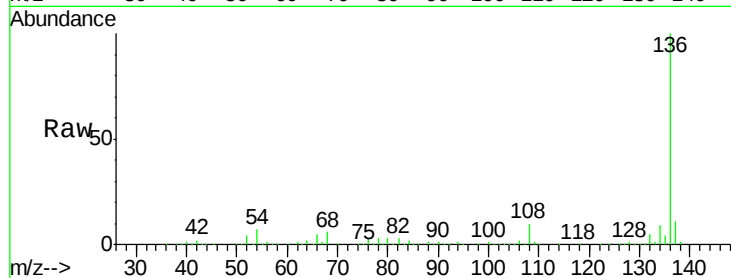
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

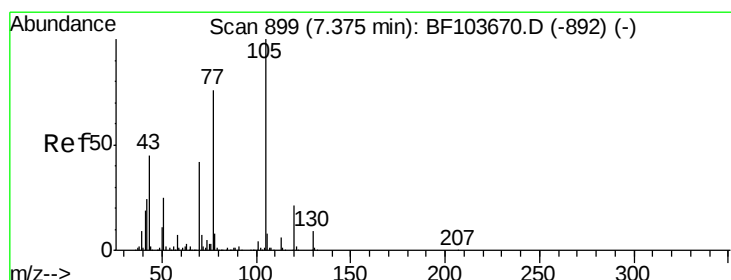
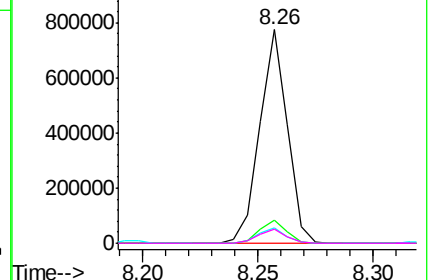
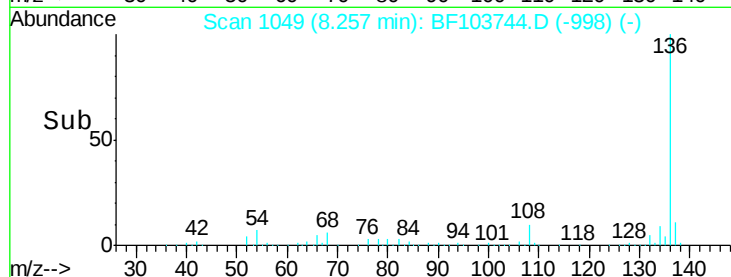


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.532 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Tgt Ion:105 Resp: 623541

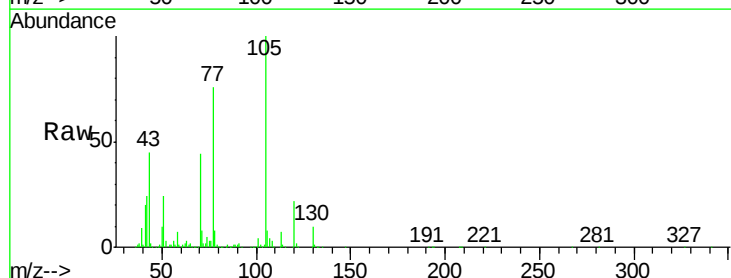
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 24.1 22.3 33.5

120 21.8 16.9 25.3

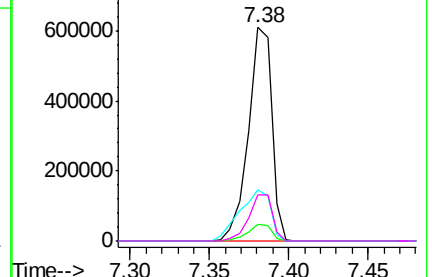
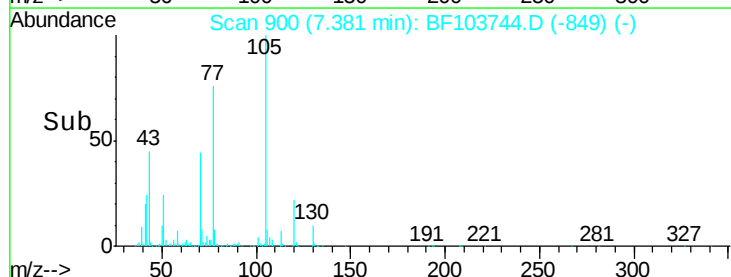


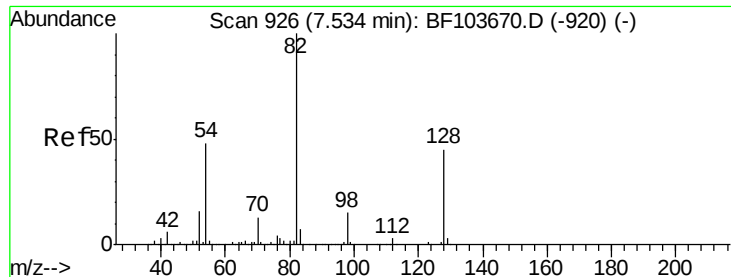
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

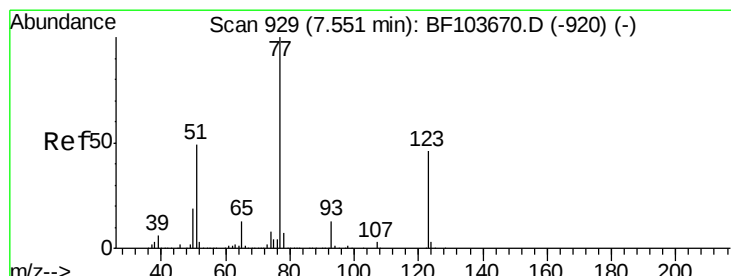
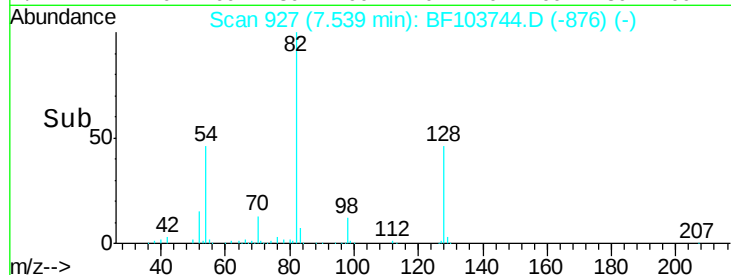
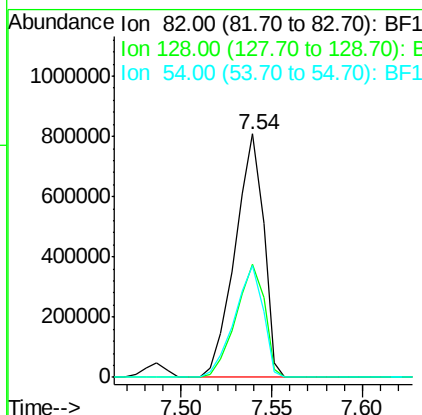
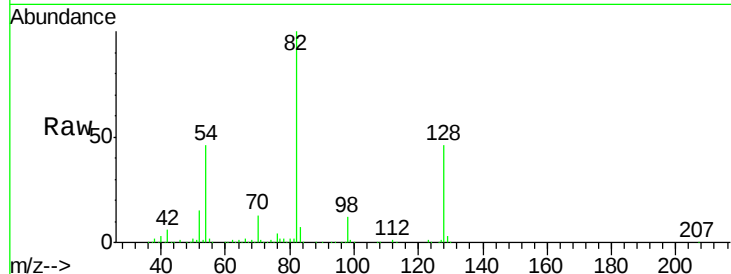




#23
Nitrobenzene-d5
Concen: 95.703 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

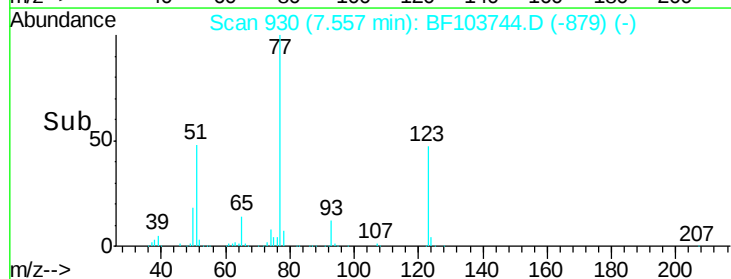
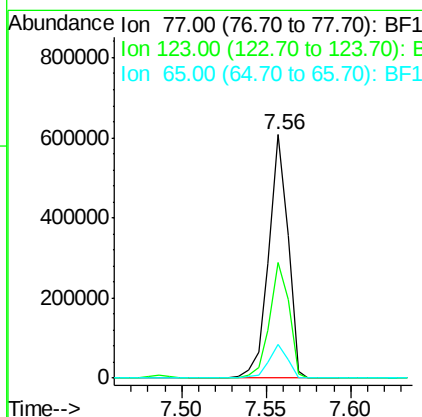
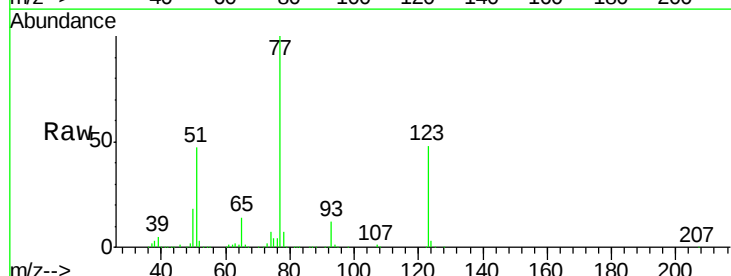
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

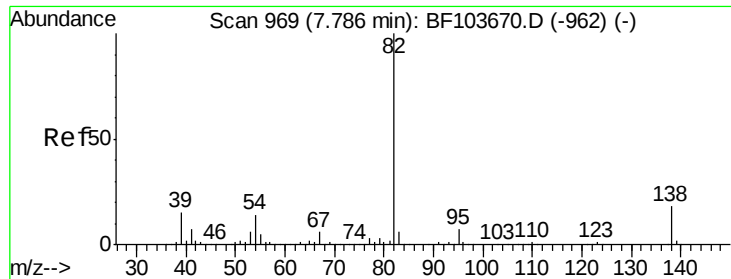
Tot Ion	82	Resp	887137
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	45.8	41.4	62.2



#24
Nitrobenzene
Concen: 43.956 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion	77	Resp	478359
Ion Ratio	Lower	Upper	
77	100		
123	47.5	37.9	56.9
65	13.7	11.0	16.4

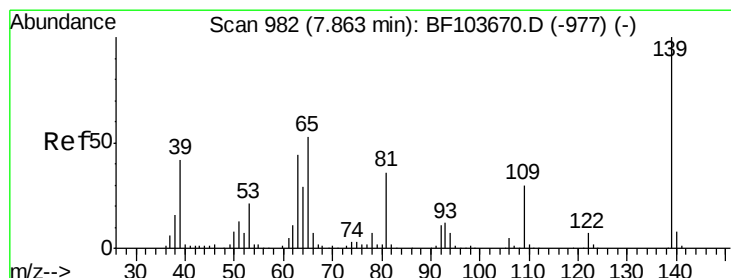
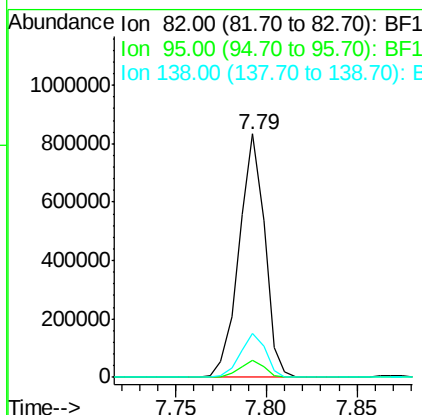
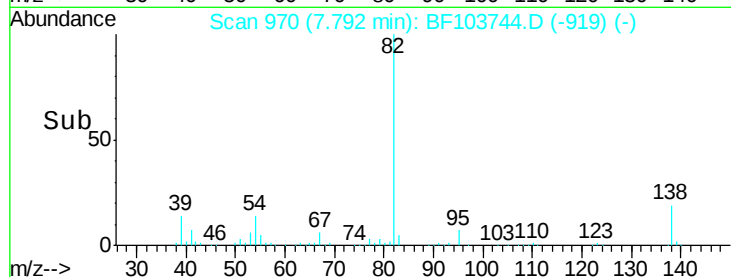
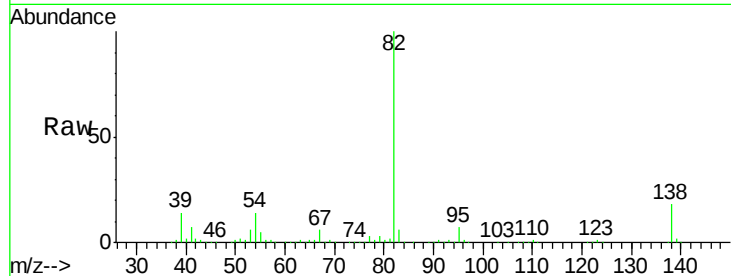




#25
Isophorone
Concen: 38.240 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

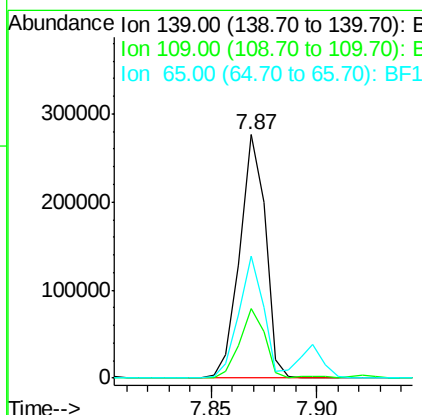
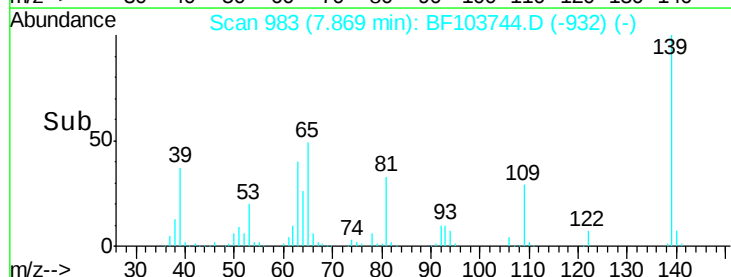
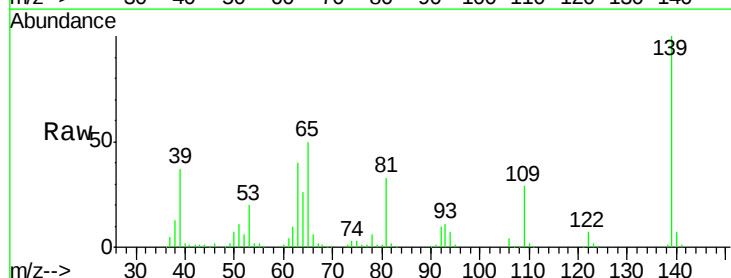
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

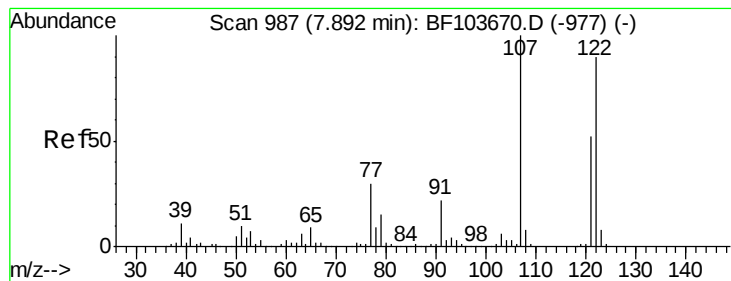
Tot Ion: 82 Resp: 820575
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 54.563 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion: 139 Resp: 232573
Ion Ratio Lower Upper
139 100
109 28.7 22.7 34.1
65 49.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.629 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

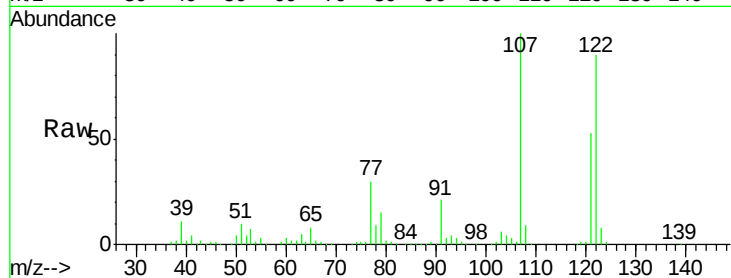
Tot Ion:122 Resp: 373497

Ion Ratio Lower Upper

122 100

107 111.5 91.2 136.8

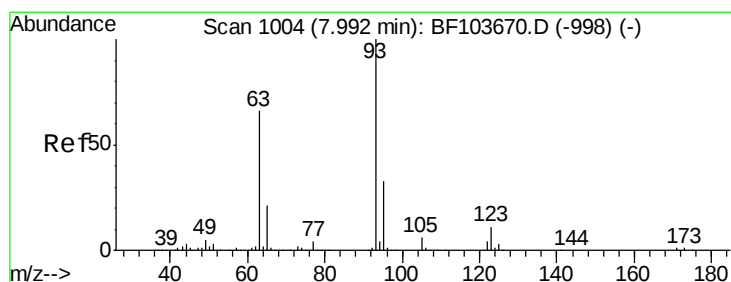
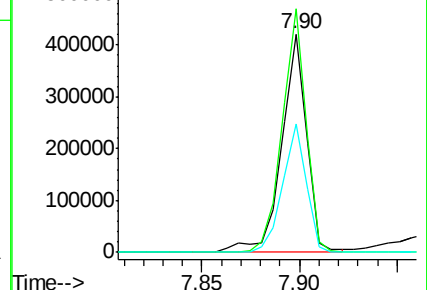
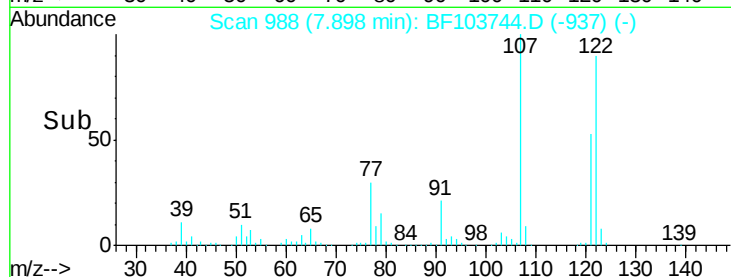
121 58.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.377 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

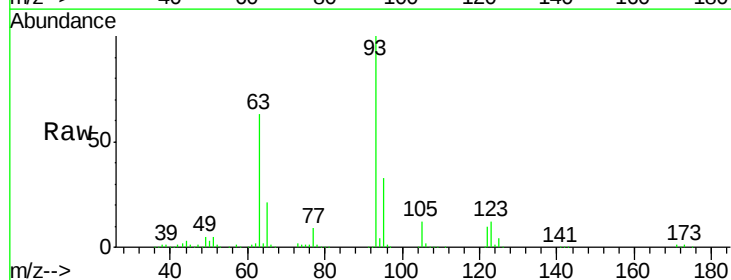
Tgt Ion: 93 Resp: 511670

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

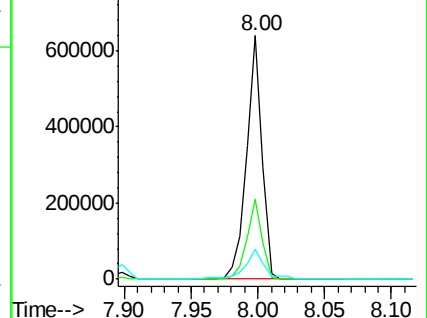
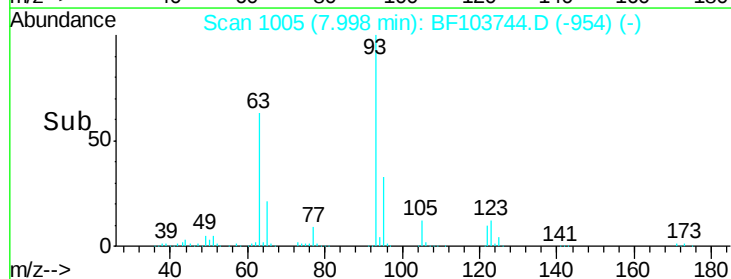
123 12.1 9.8 14.6

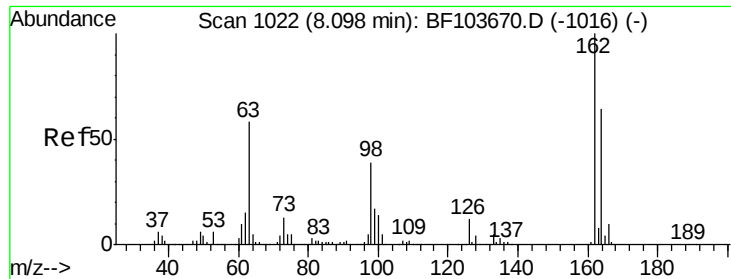


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

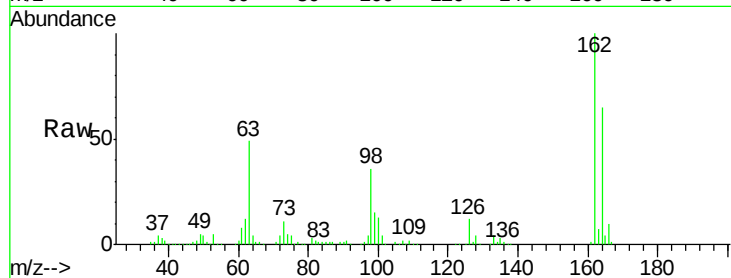




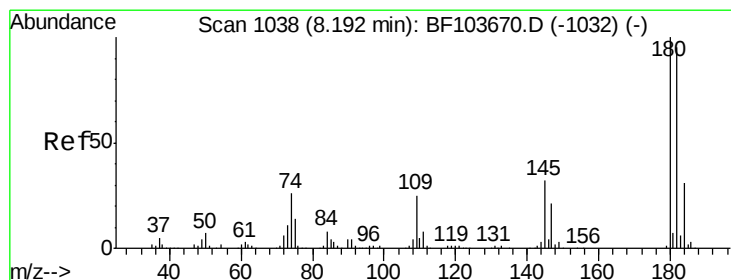
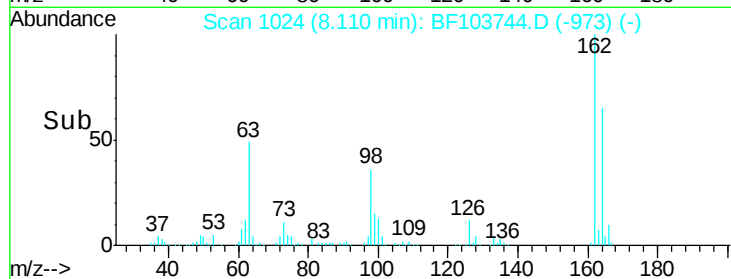
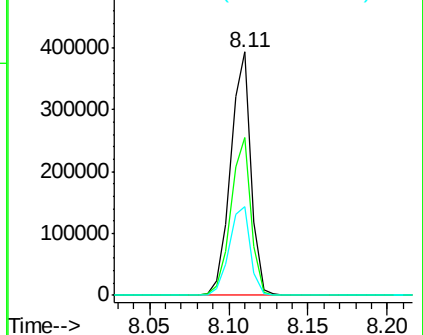
#29
2,4-Dichlorophenol
Concen: 41.841 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 349944
Ion Ratio Lower Upper
162 100
164 64.7 42.7 82.7
98 36.2 18.1 58.1

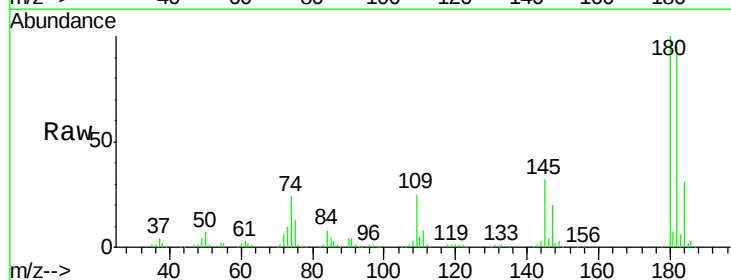


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

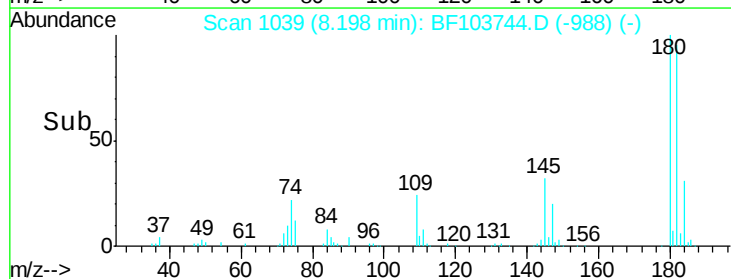
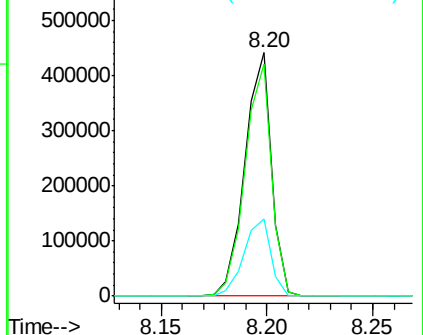


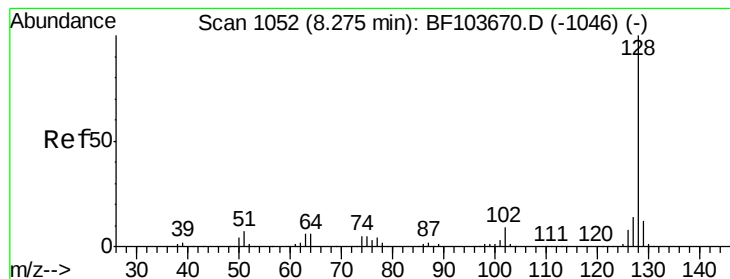
#30
1,2,4-Trichlorobenzene
Concen: 39.759 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:180 Resp: 385684
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 31.6 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: 38.616 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

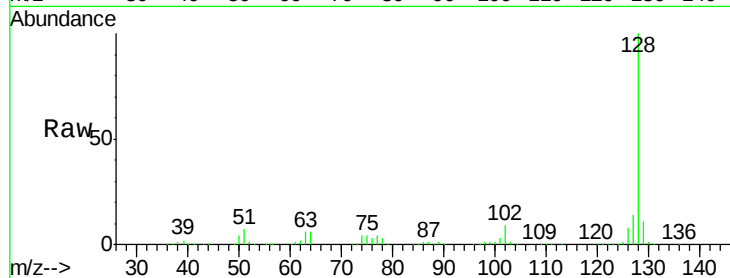
Tot Ion:128 Resp: 1260986

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

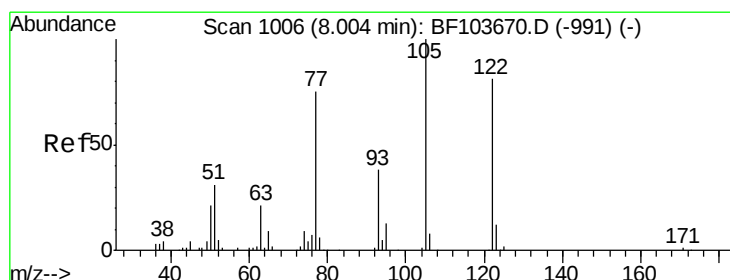
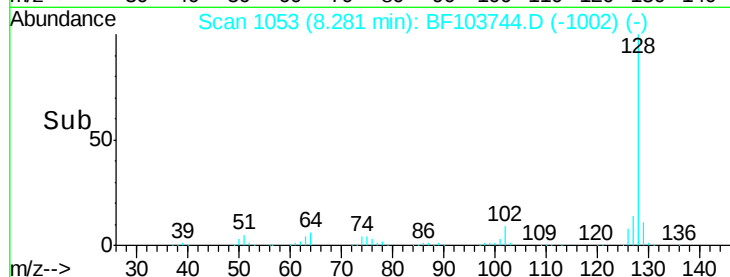
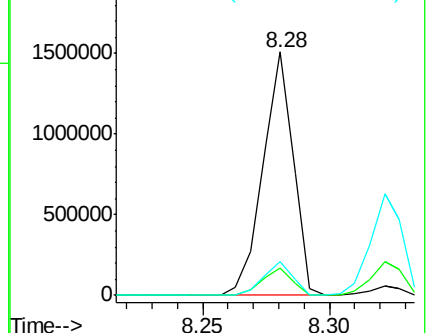
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.533 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

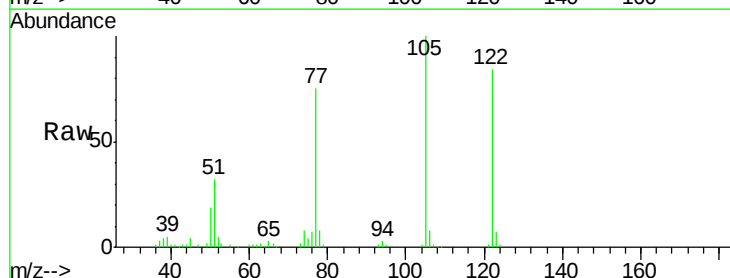
Tgt Ion:122 Resp: 332059

Ion Ratio Lower Upper

122 100

105 119.7 101.1 141.1

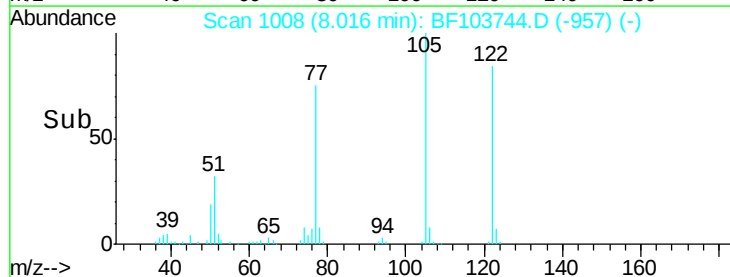
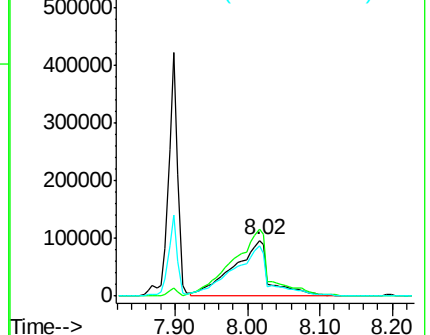
77 90.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

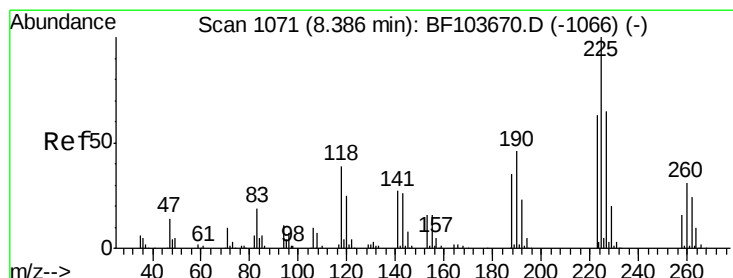
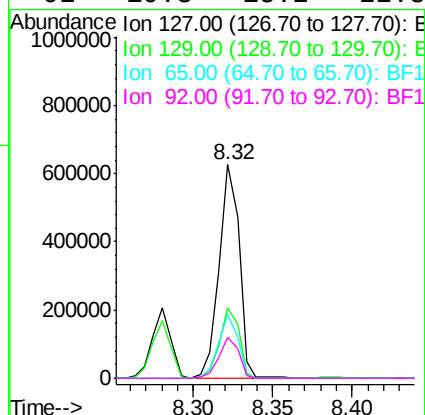
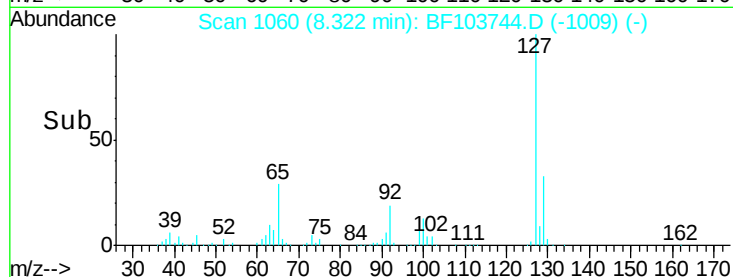
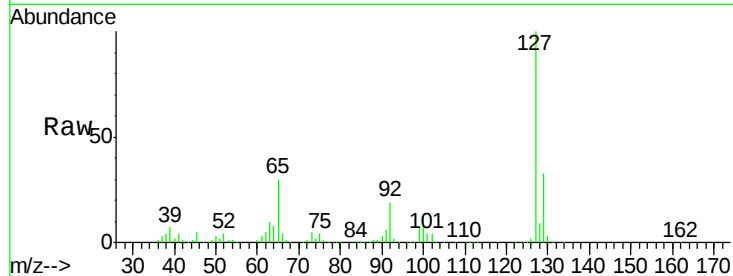




#33
4-Chloroaniline
Concen: 40.282 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

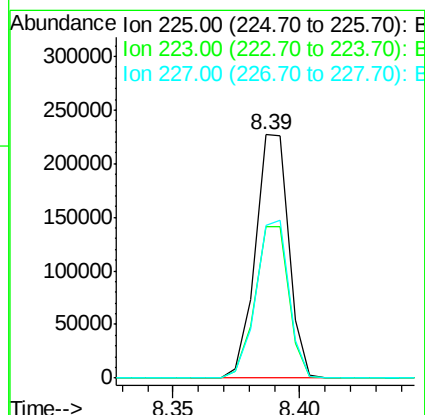
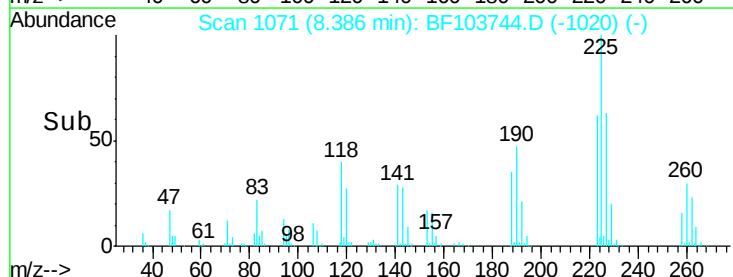
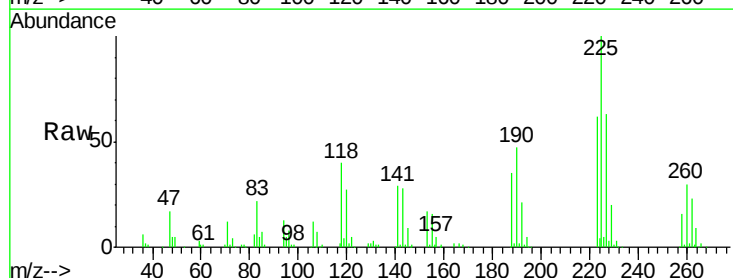
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

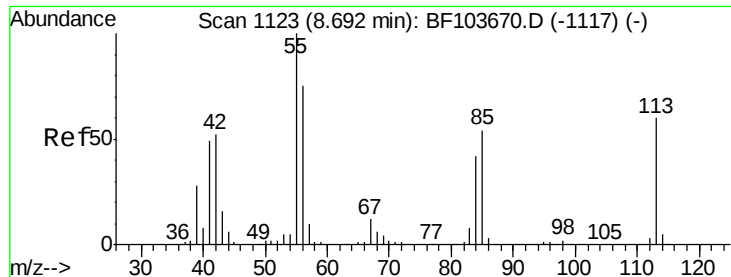
Tot Ion:	127	Resp:	551848
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.9	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.366 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:	225	Resp:	209370
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	62.7	51.9	77.9

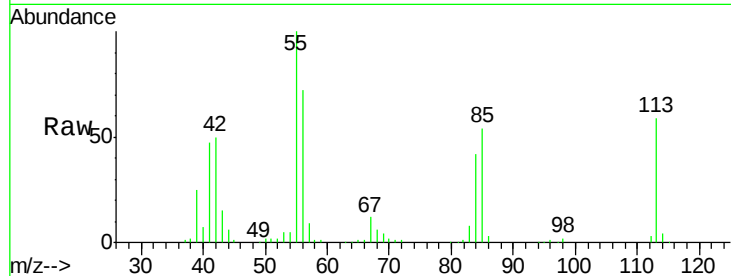




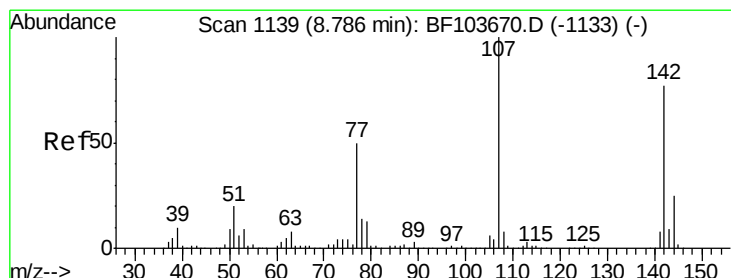
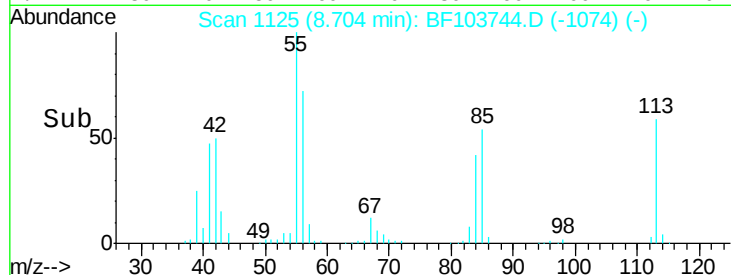
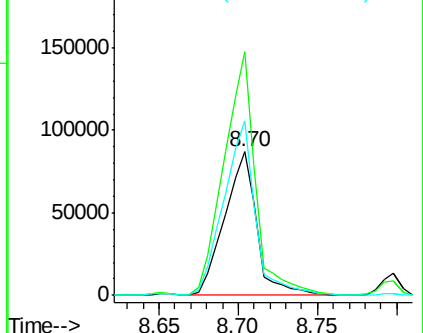
#35
Caprolactam
Concen: 42.512 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 122432
Ion Ratio Lower Upper
113 100
55 170.1 163.3 203.3
56 121.6 115.7 155.7

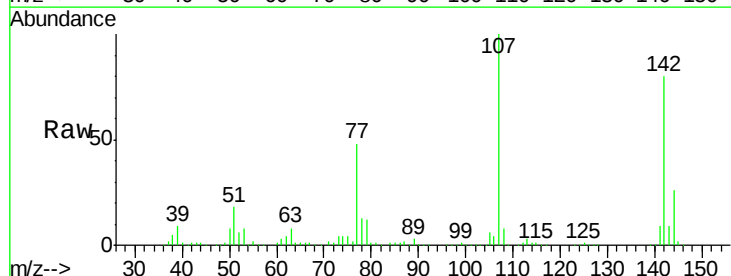


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

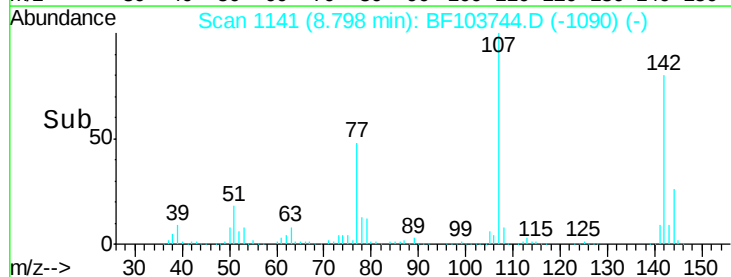
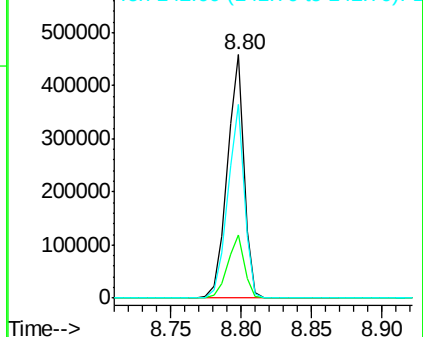


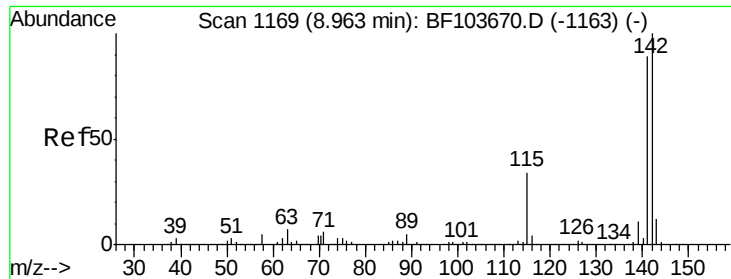
#36
4-Chloro-3-methylphenol
Concen: 40.959 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:107 Resp: 377653
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 79.6 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

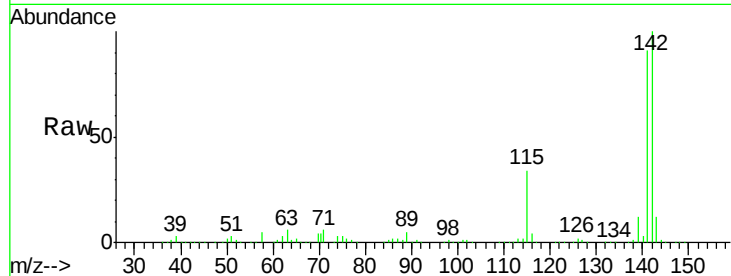




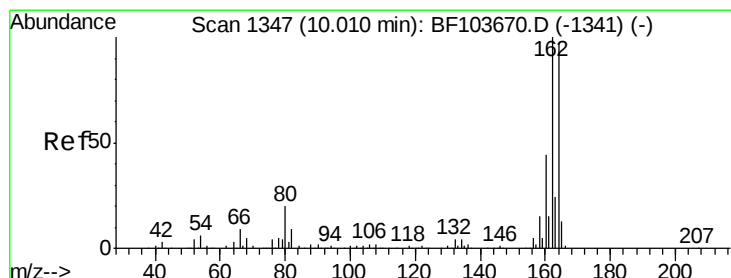
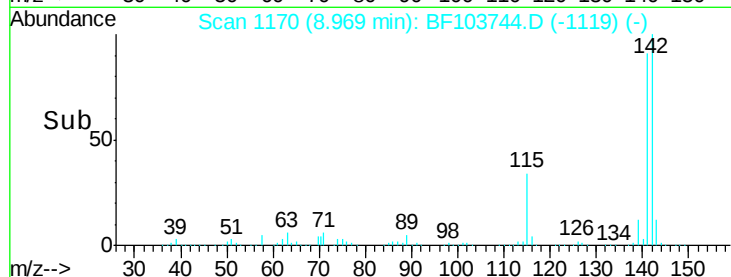
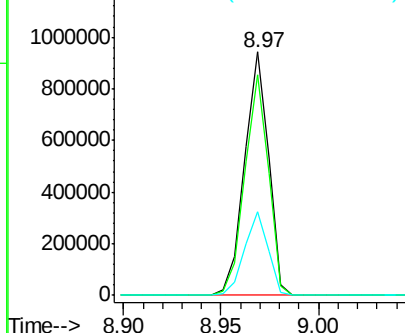
#37
2-Methylnaphthalene
Concen: 38.706 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 801526
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 34.1 26.1 39.1

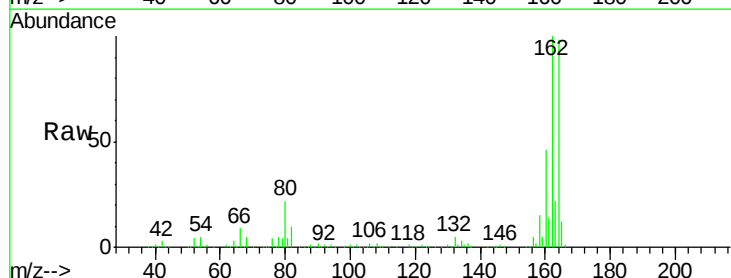


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

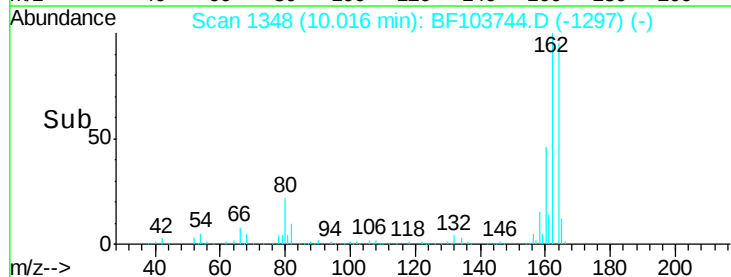
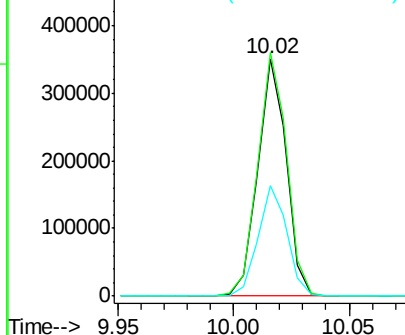


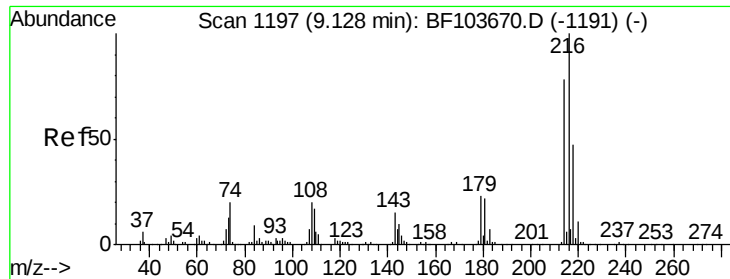
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:164 Resp: 302136
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.7 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: 39.954 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 344387

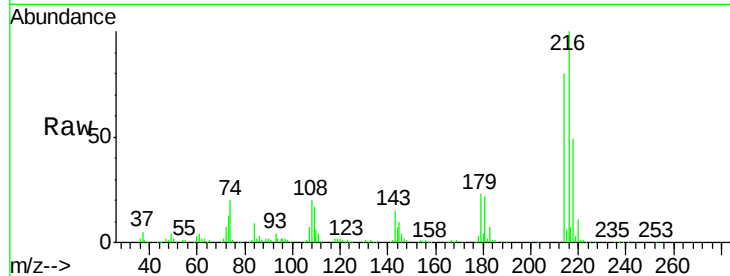
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 22.7 18.1 27.1

108 21.4 17.2 25.8

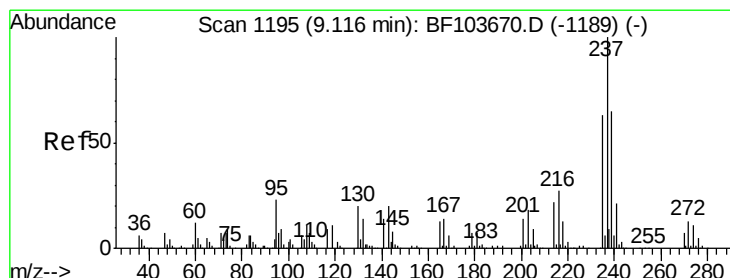
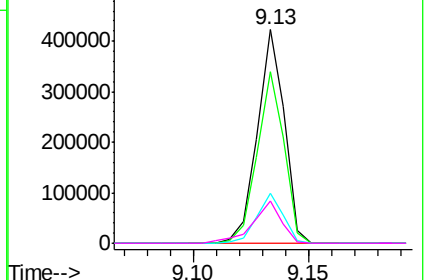
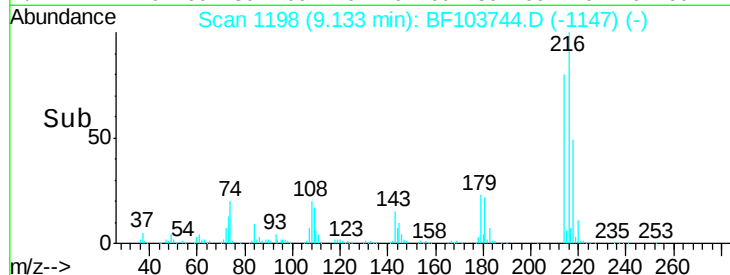


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.026 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

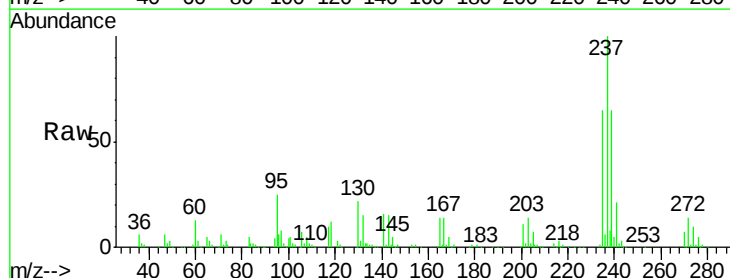
Tgt Ion:237 Resp: 209158

Ion Ratio Lower Upper

237 100

235 65.0 44.8 84.8

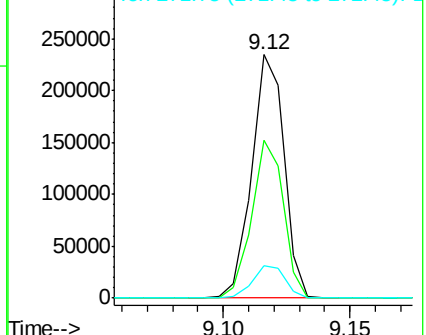
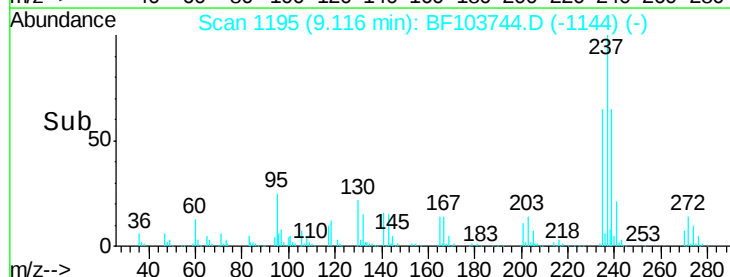
272 13.5 0.0 33.3



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

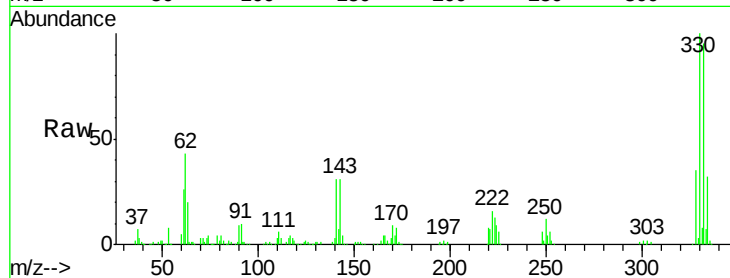




#41
 2,4,6-Tribromophenol
 Concen: 93.792 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	35.0	29.9	44.9

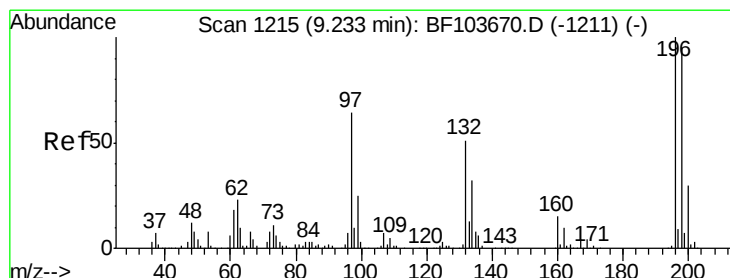
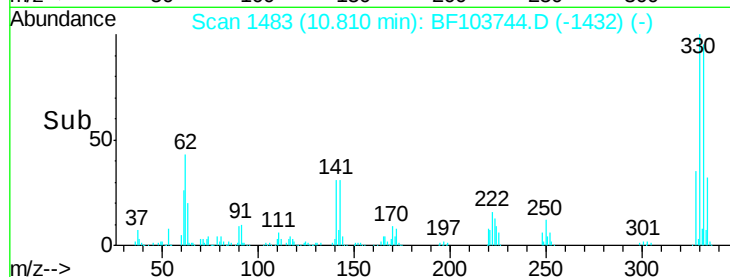
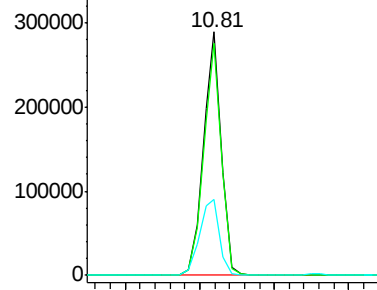


Abundance

Ion 329.80 (329.50 to 330.50): E

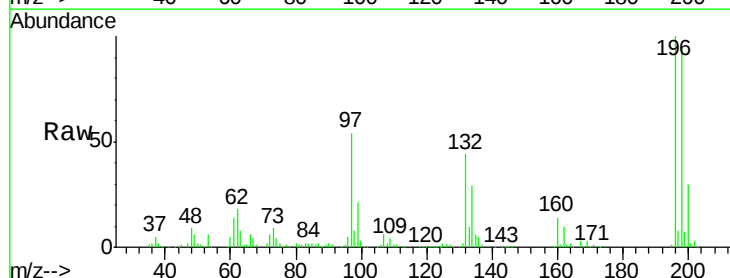
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.517 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
200	30.5	24.5	36.7

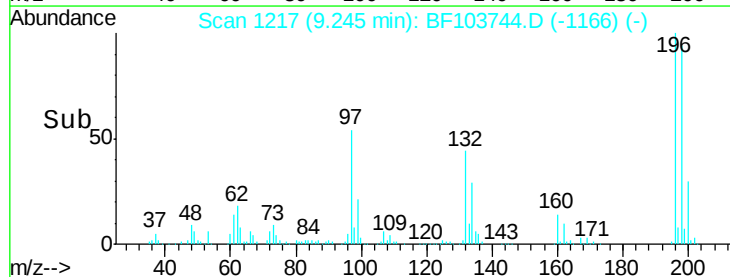
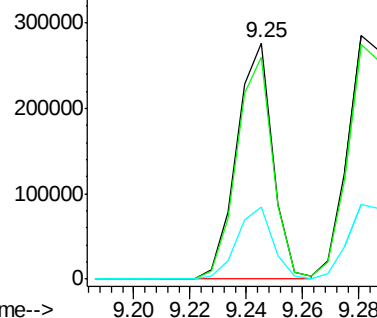


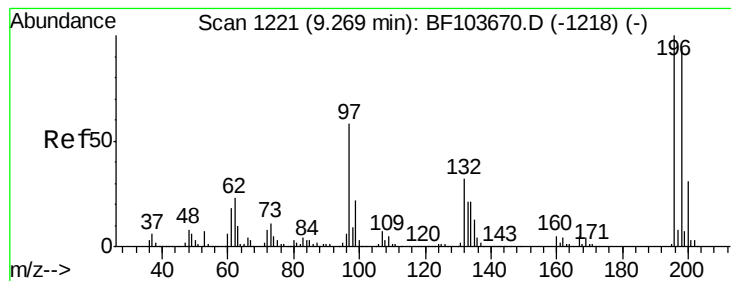
Abundance

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: 44.039 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 274048

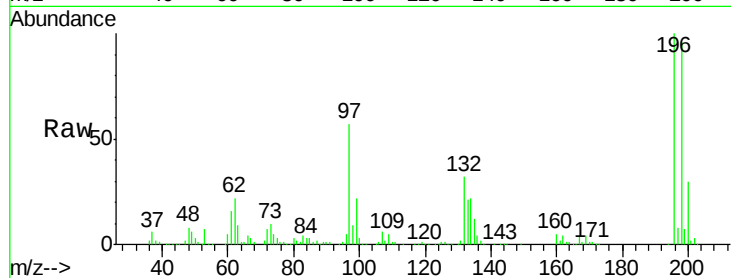
Ion Ratio Lower Upper

196 100

198 96.5 74.6 112.0

97 57.1 42.9 64.3

132 32.4 26.3 39.5

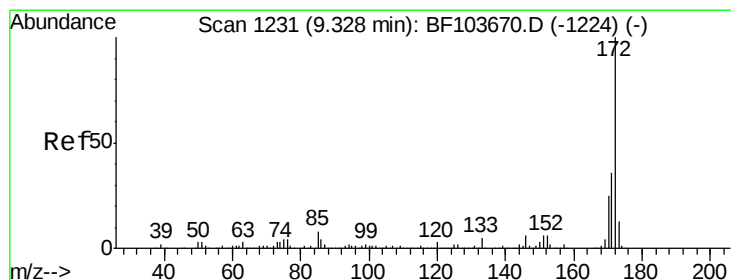
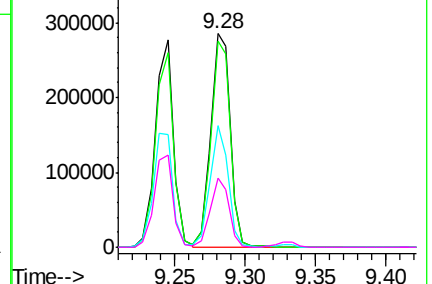
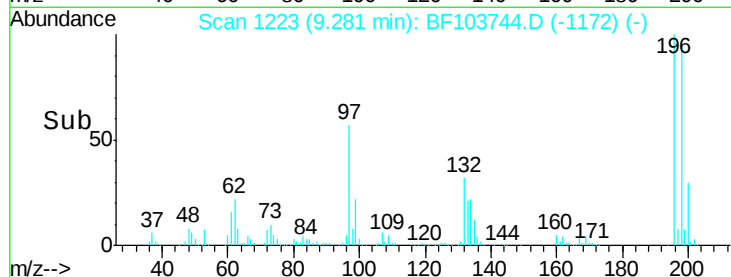


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 74.759 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

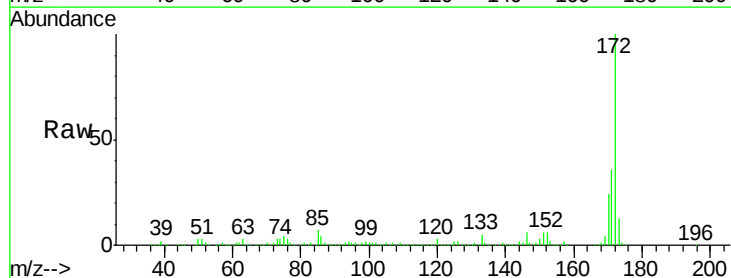
Tgt Ion:172 Resp: 1416007

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

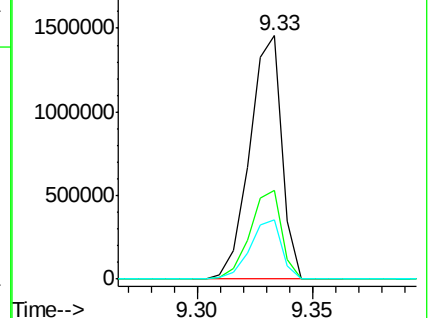
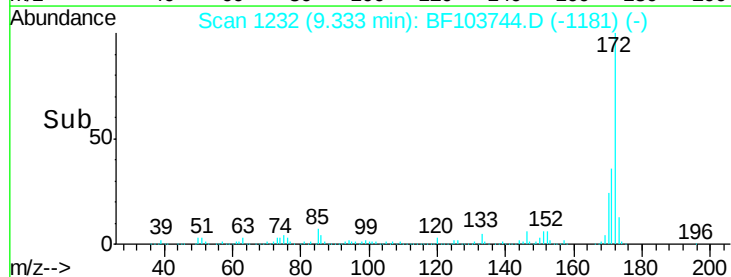
170 24.5 19.6 29.4

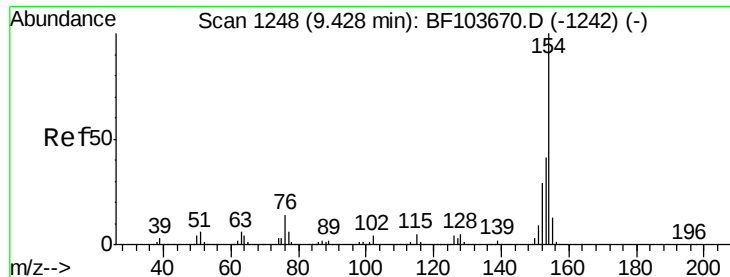


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.999 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

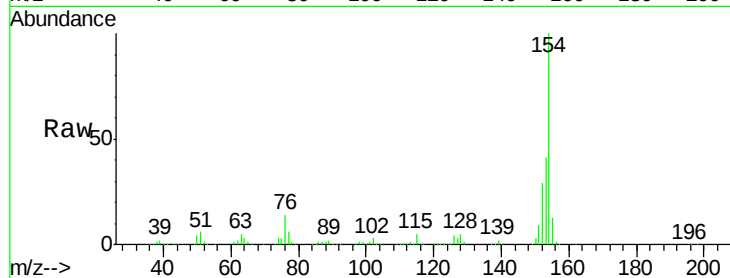
Tot Ion:154 Resp: 982525

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

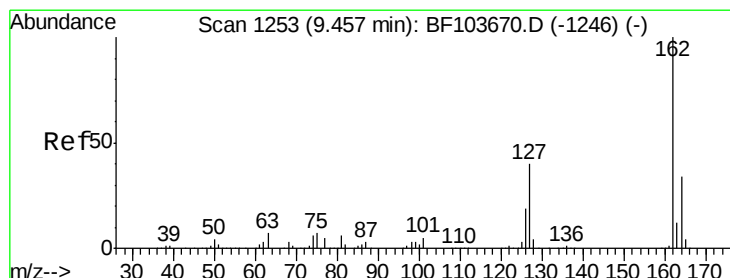
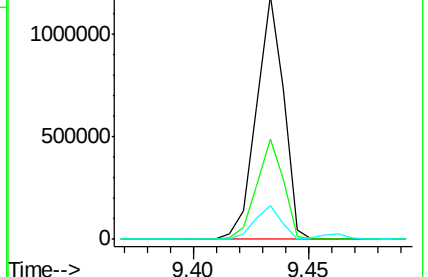
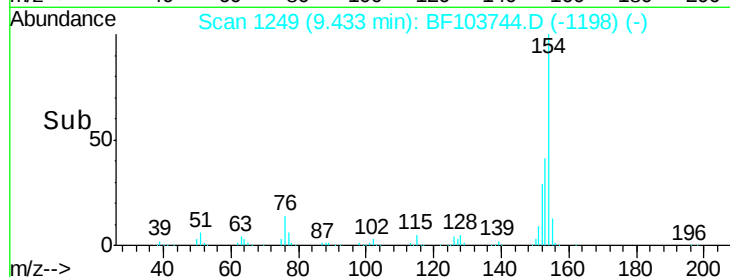
76 14.1 0.0 34.0



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: 39.384 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

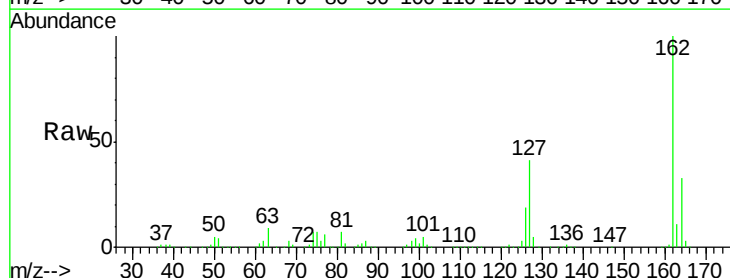
Tgt Ion:162 Resp: 788093

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

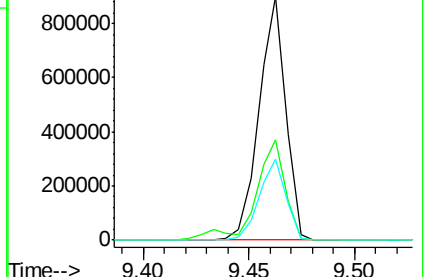
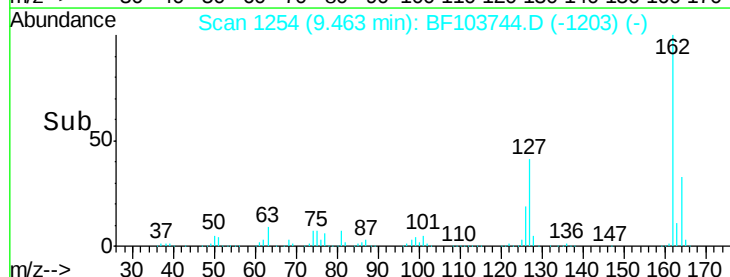
164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

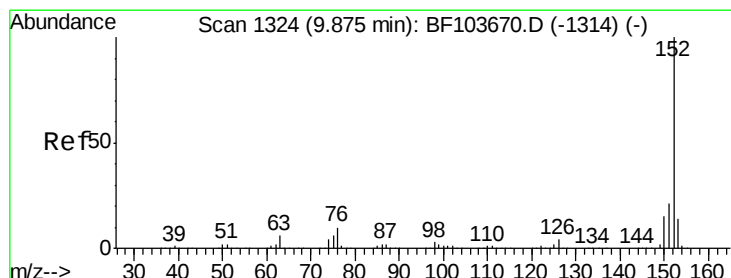
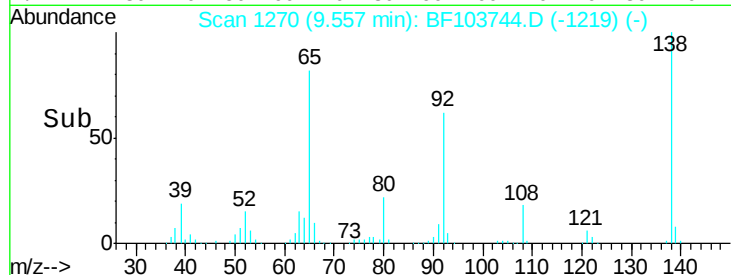
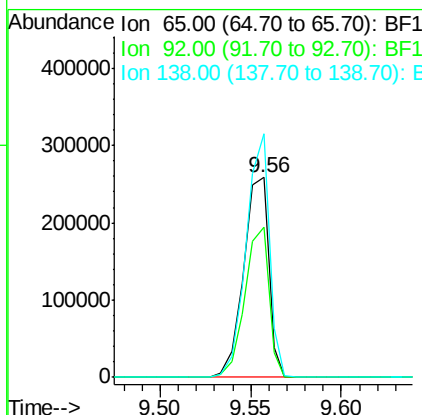
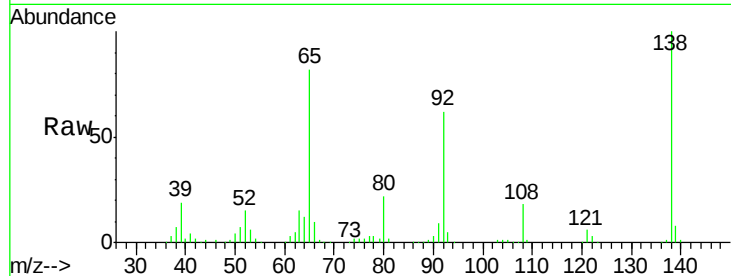




#47
 2-Nitroaniline
 Concen: 47.776 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

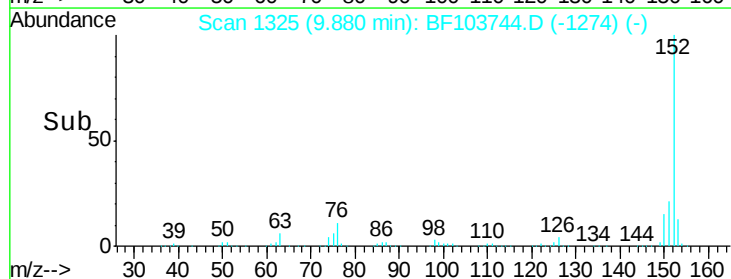
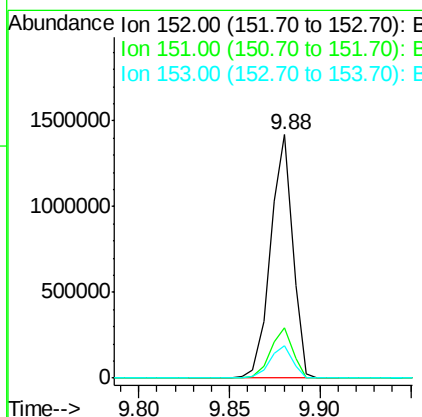
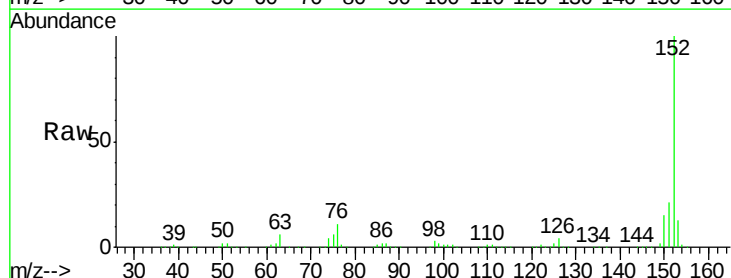
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

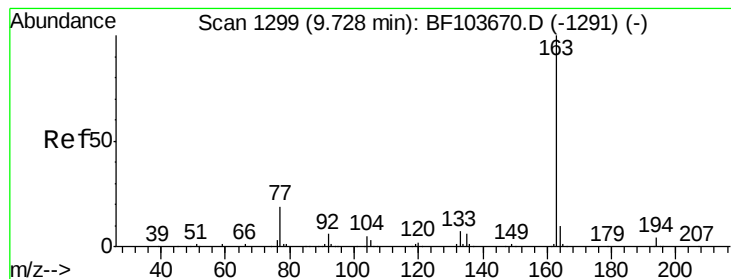
Tot Ion: 65 Resp: 249899
 Ion Ratio Lower Upper
 65 100
 92 75.1 55.8 83.6
 138 122.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.832 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Tgt Ion: 152 Resp: 1204958
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 40.273 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

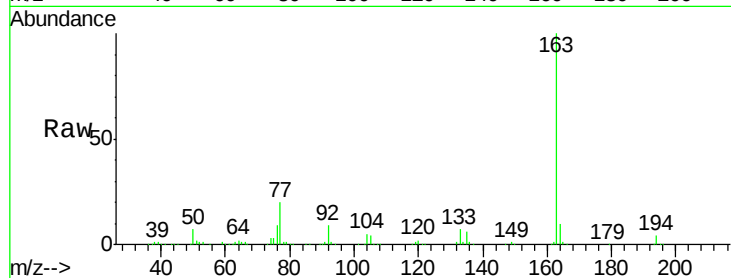
Tot Ion:163 Resp: 928353

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

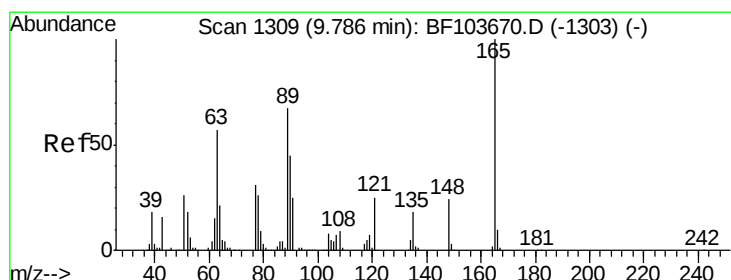
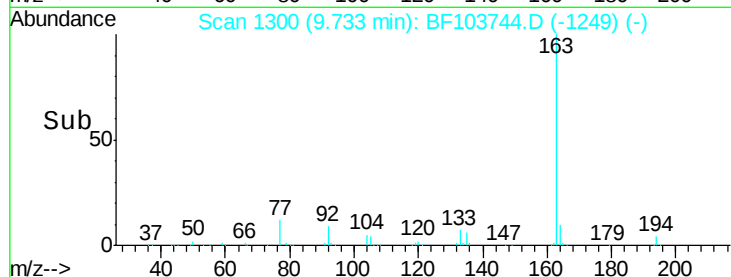
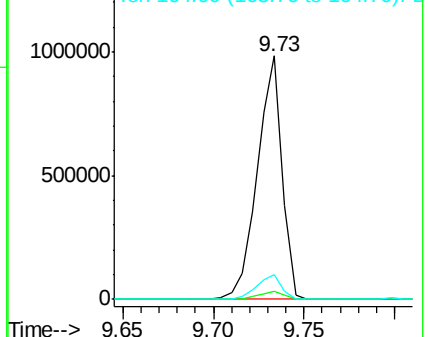
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.167 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

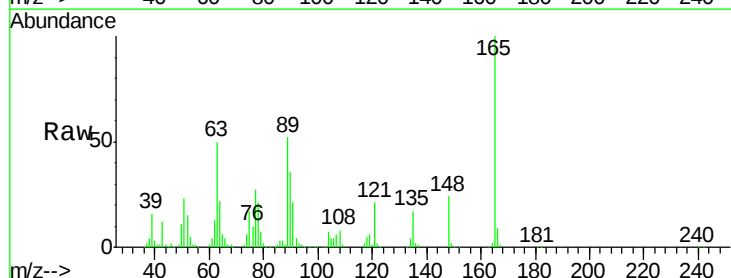
Tgt Ion:165 Resp: 205126

Ion Ratio Lower Upper

165 100

63 49.7 44.7 67.1

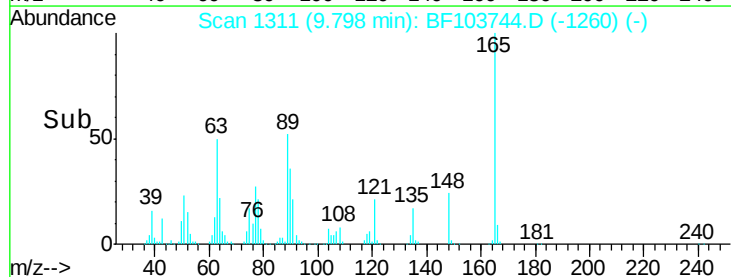
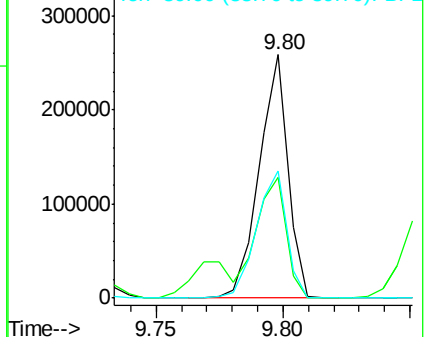
89 52.4 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.054 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

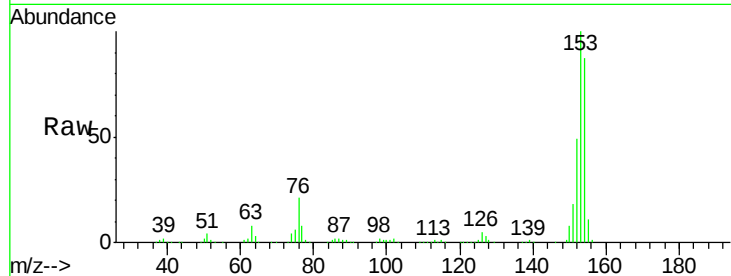
Tot Ion:154 Resp: 756406

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

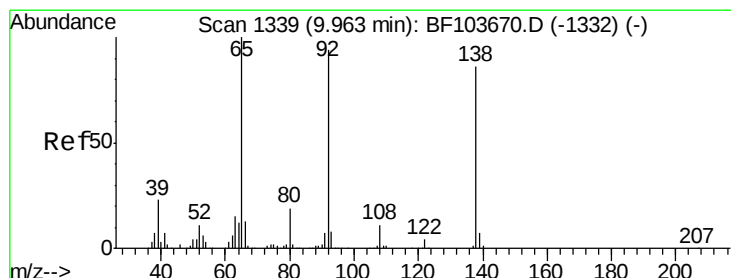
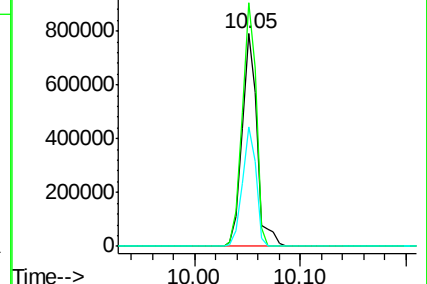
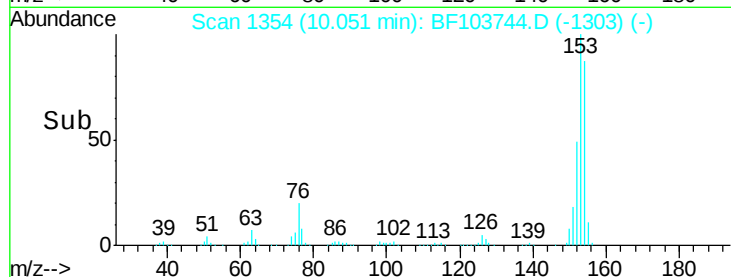
152 56.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.346 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

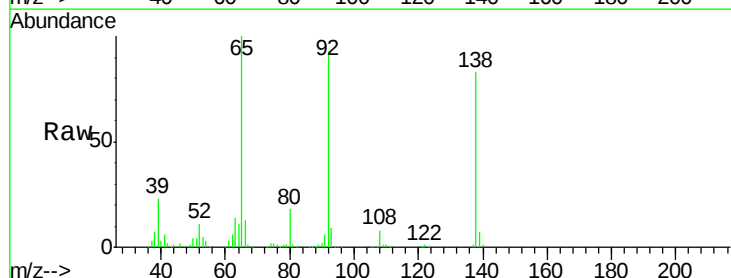
Tgt Ion:138 Resp: 246921

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

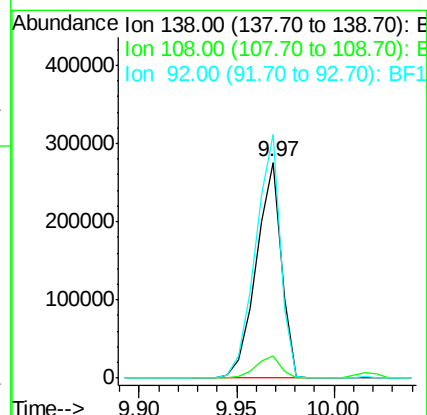
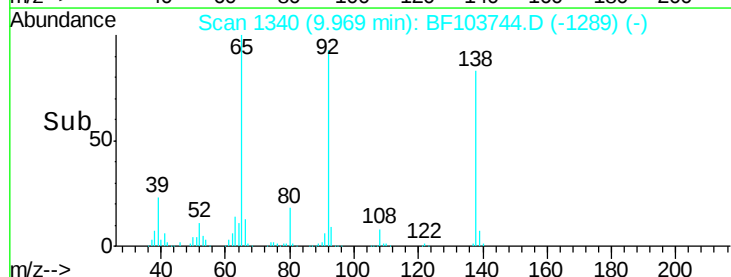
92 112.7 89.4 134.2

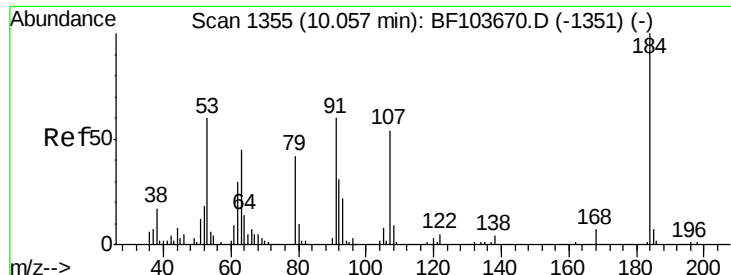


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

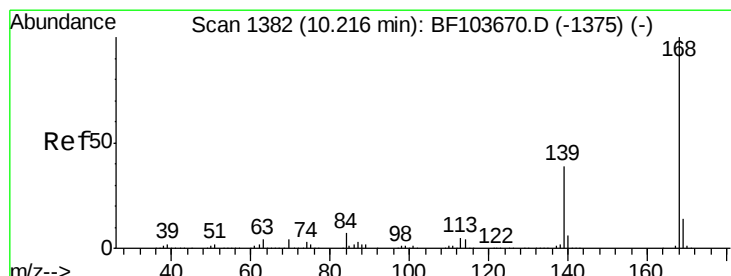
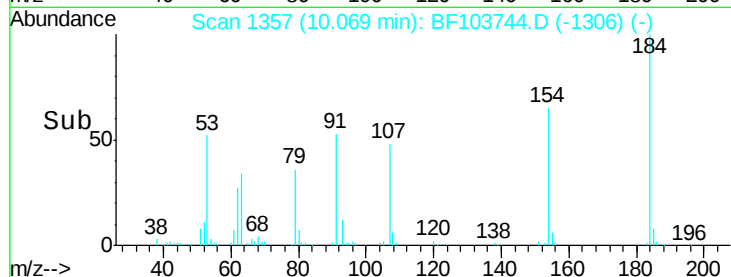
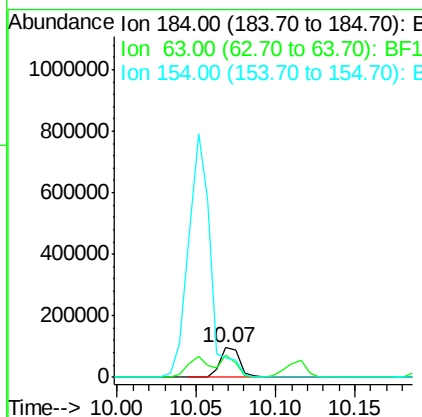
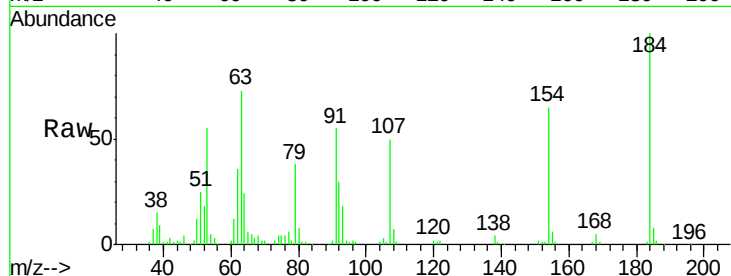




#53
2,4-Dinitrophenol
Concen: 69.088 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

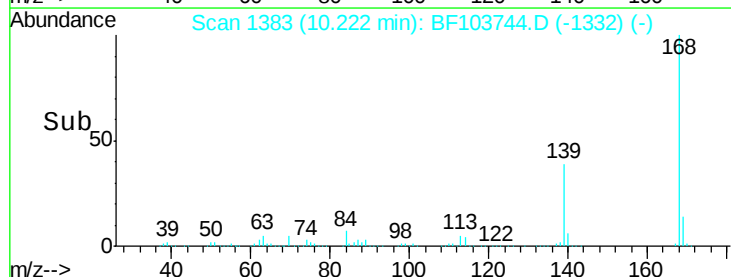
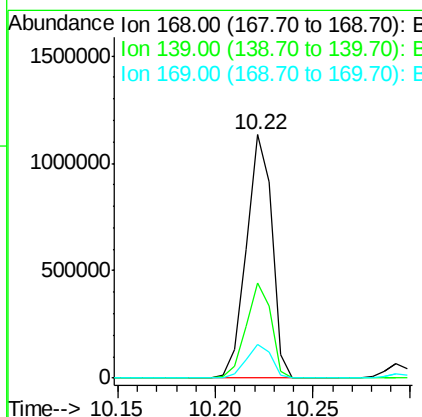
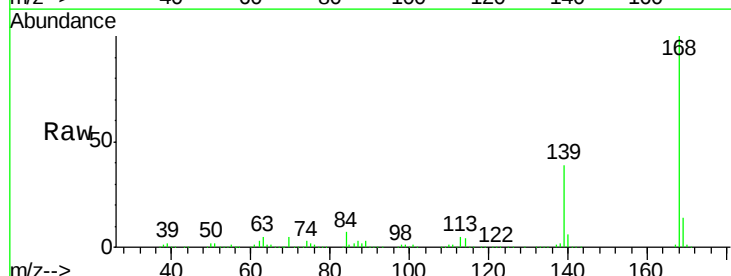
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

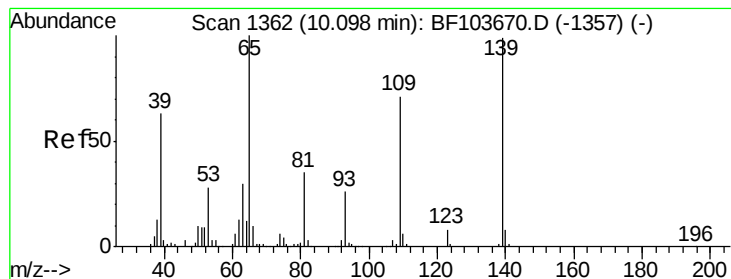
Tot Ion:184 Resp: 85233
Ion Ratio Lower Upper
184 100
63 73.4 54.2 81.2
154 65.3 184.0 276.0#



#54
Dibenzofuran
Concen: 38.989 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:168 Resp: 1025971
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 13.9 10.9 16.3





#55

4-Nitrophenol

Concen: 46.408 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

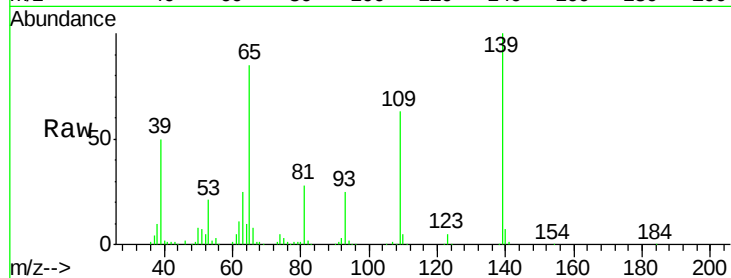
Tot Ion:139 Resp: 186467

Ion Ratio Lower Upper

139 100

109 63.3 48.4 88.4

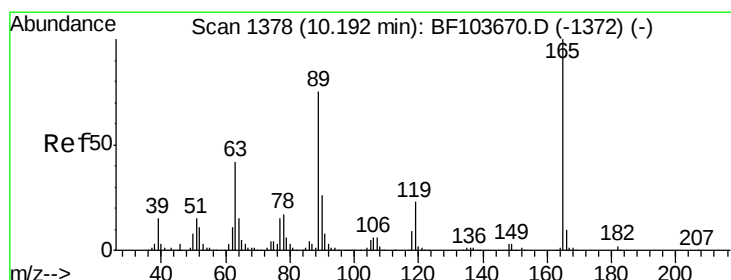
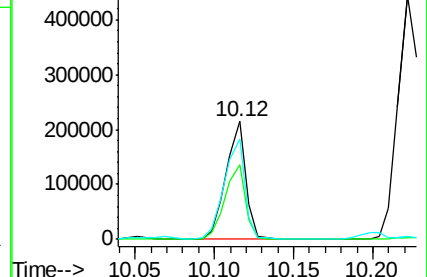
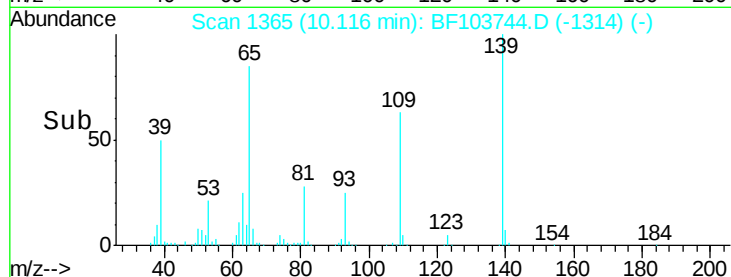
65 84.9 72.6 112.6



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: 48.066 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Tgt Ion:165 Resp: 271598

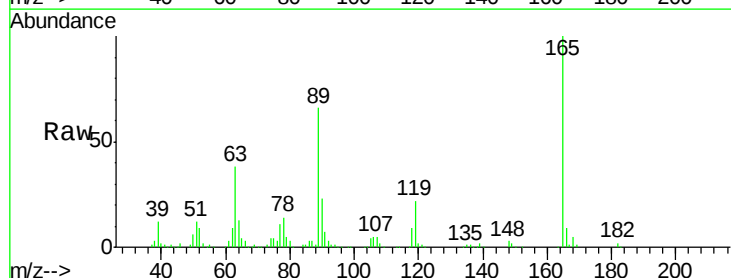
Ion Ratio Lower Upper

165 100

63 37.5 36.4 54.6

89 65.7 57.8 86.6

182 2.4 1.6 2.4#

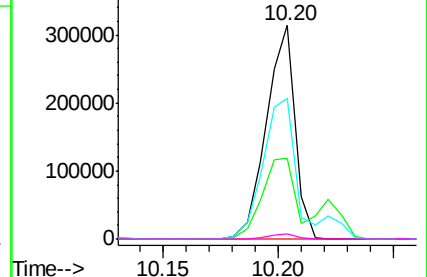
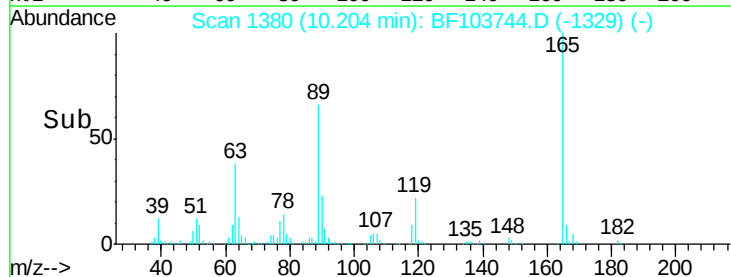


Abundance Ion 165.00 (164.70 to 165.70): E

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

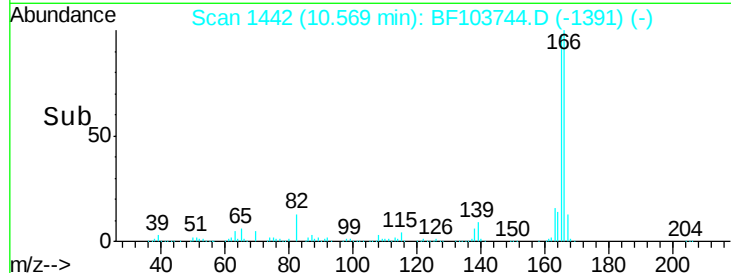
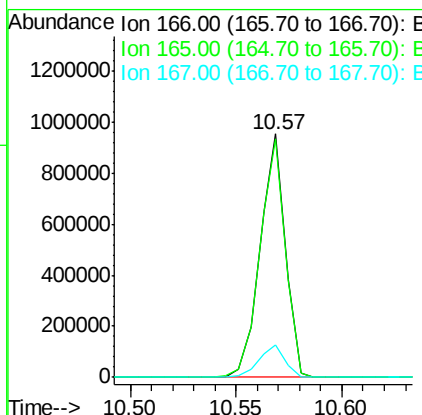
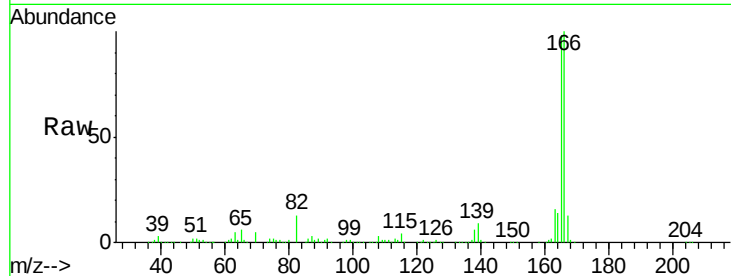




#57
 Fluorene
 Concen: 38.869 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

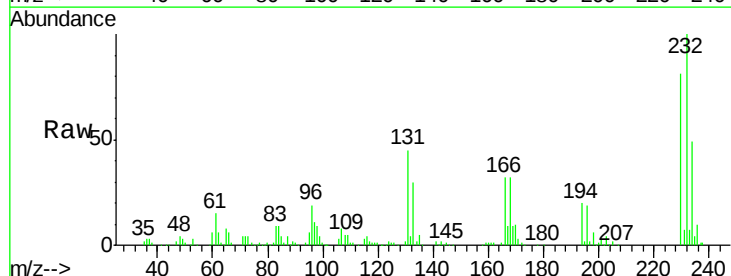
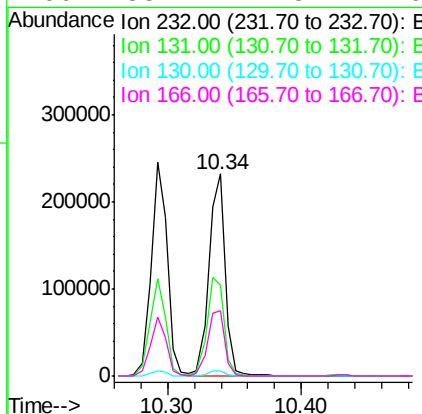
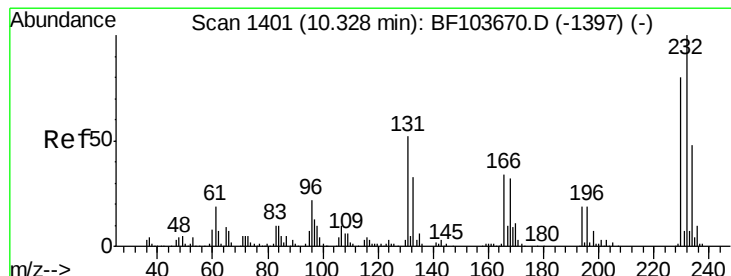
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

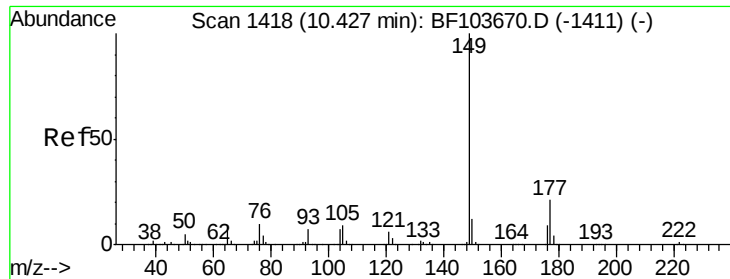
Tot Ion:166 Resp: 793684
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.145 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Tgt Ion:232 Resp: 199062
 Ion Ratio Lower Upper
 232 100
 131 51.0 43.8 65.8
 130 2.5 2.1 3.1
 166 33.7 27.8 41.6

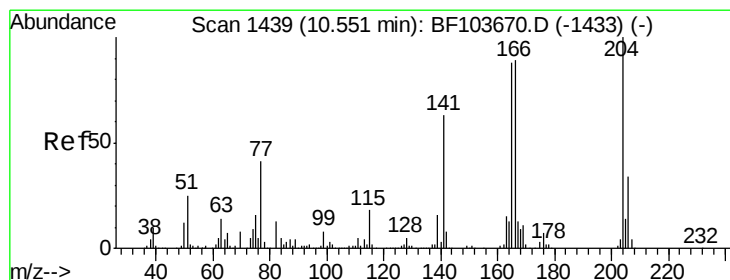
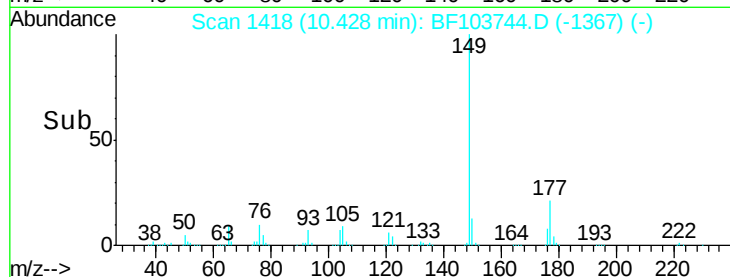
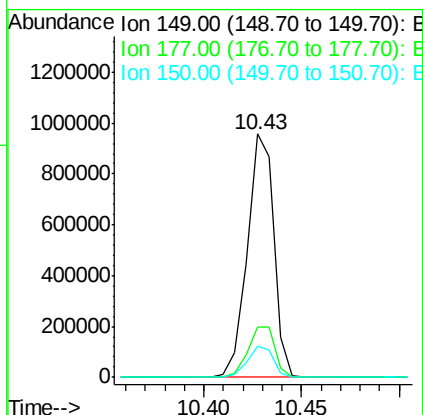
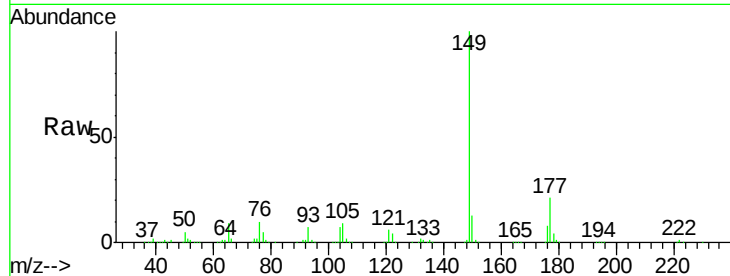




#59
Diethylphthalate
Concen: 39.306 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

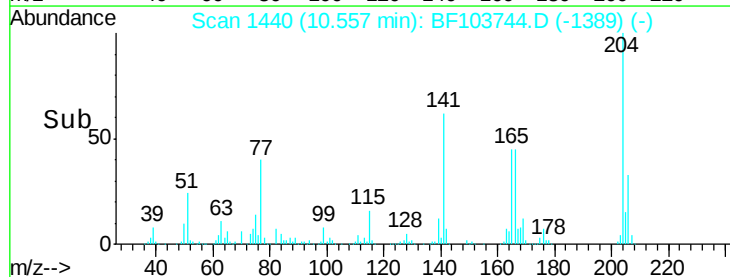
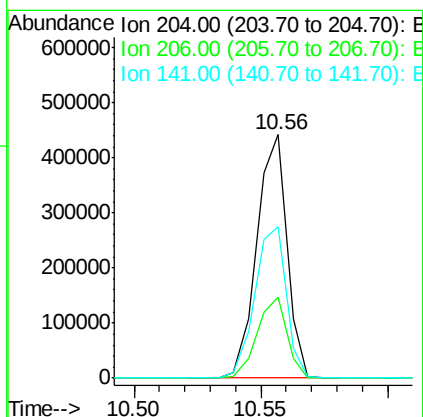
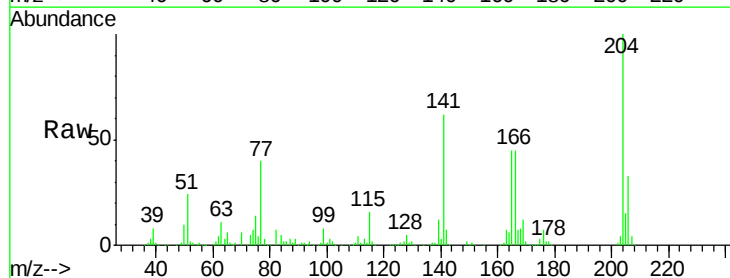
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

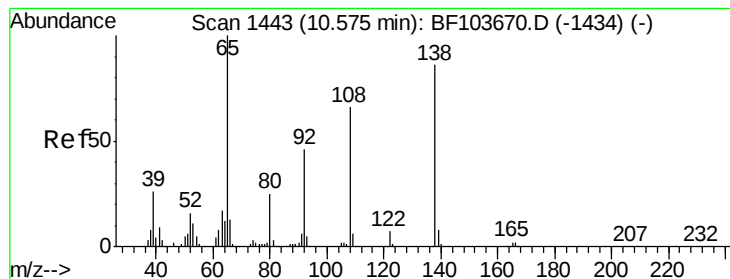
Tot Ion:149 Resp: 899293
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.540 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:204 Resp: 368981
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 62.1 54.6 81.8





#61

4-Nitroaniline

Concen: 46.575 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

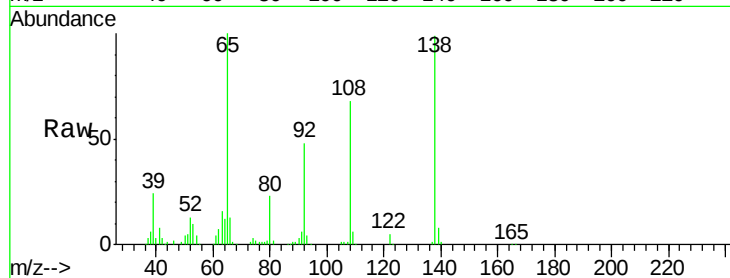
Tot Ion:138 Resp: 238940

Ion Ratio Lower Upper

138 100

92 48.1 30.2 70.2

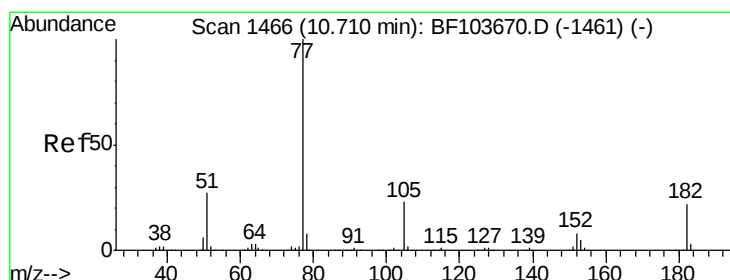
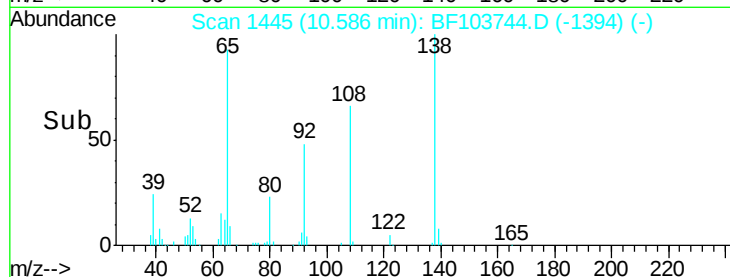
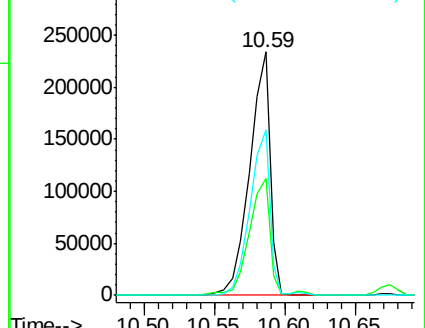
108 68.1 52.5 92.5



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: 37.498 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Tgt Ion: 77 Resp: 872241

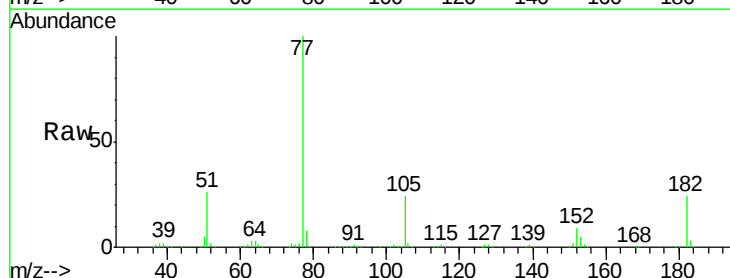
Ion Ratio Lower Upper

77 100

182 23.6 1.7 41.7

105 24.0 3.0 43.0

51 26.3 9.9 49.9

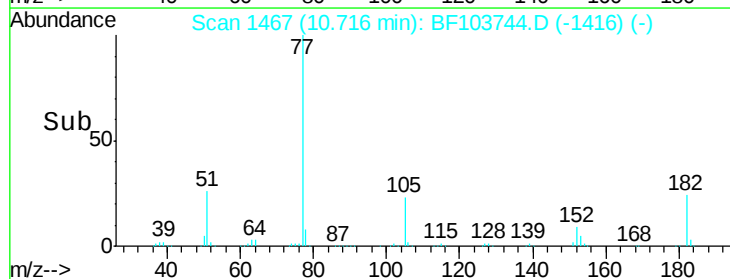
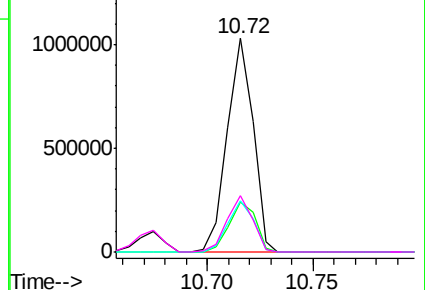


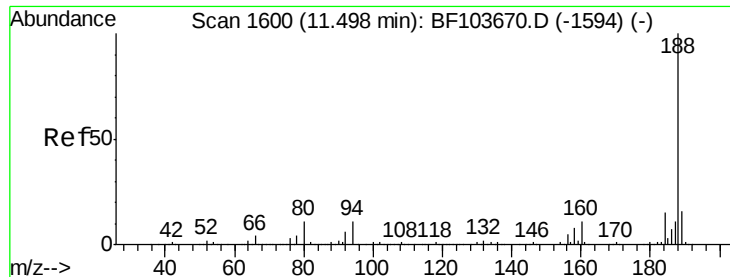
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

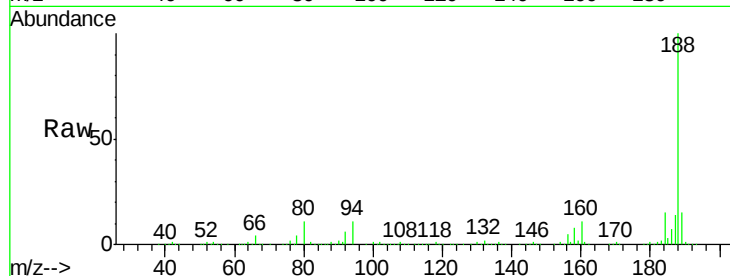




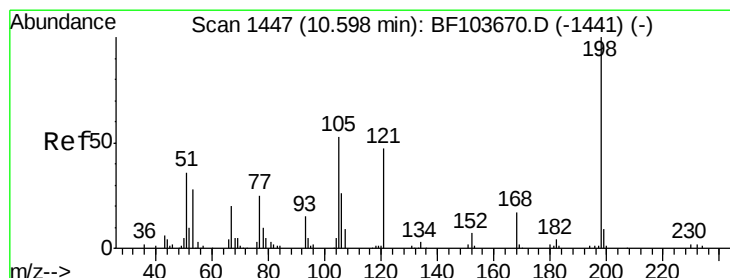
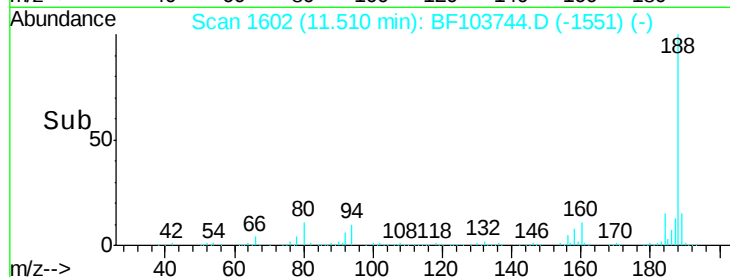
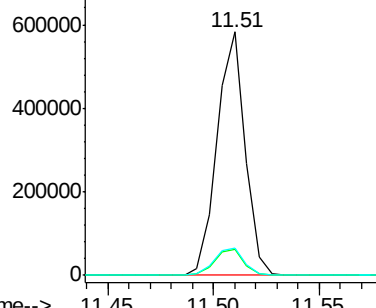
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:188 Resp: 534249
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.3 9.2 13.8

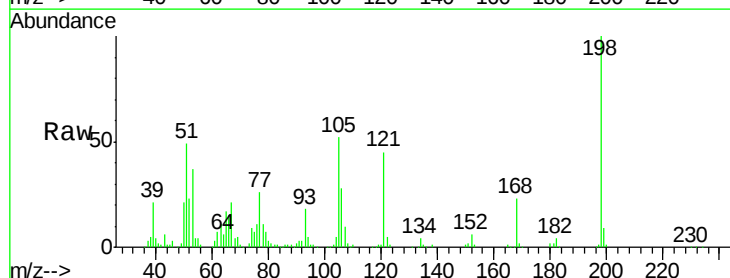


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

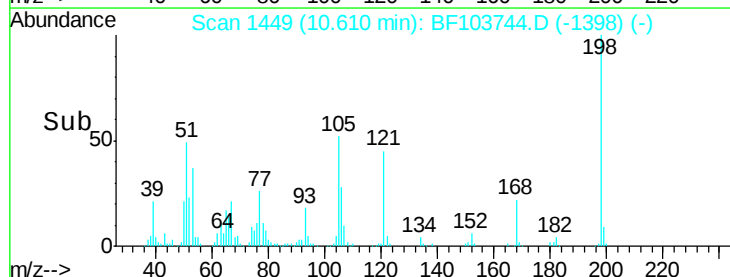
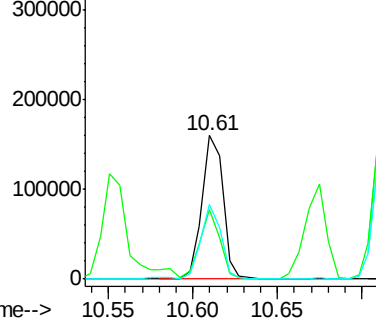


#64
 4,6-Dinitro-2-methylphenol
 Concen: 61.866 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Tgt Ion:198 Resp: 138153
 Ion Ratio Lower Upper
 198 100
 51 48.8 37.7 77.7
 105 51.9 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: 39.931 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

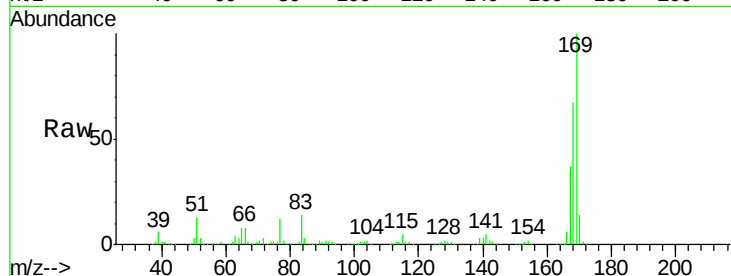
Tot Ion:169 Resp: 726148

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

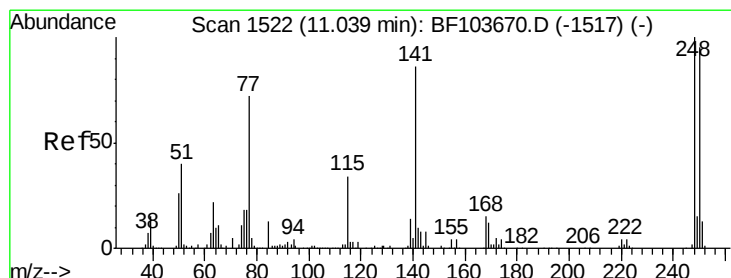
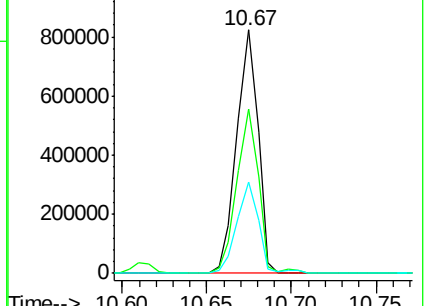
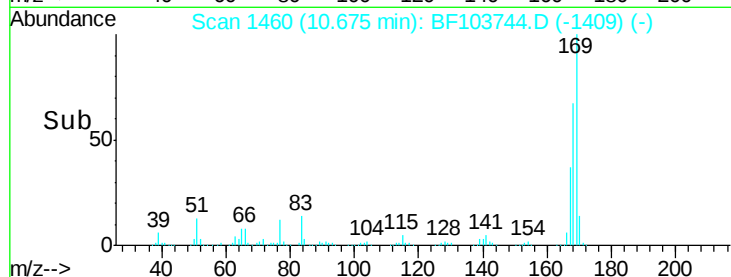
167 37.3 29.8 44.6



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: 41.326 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

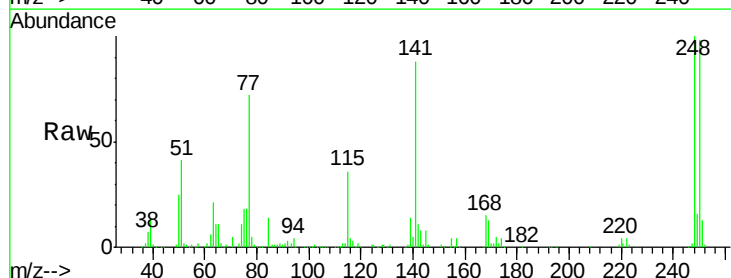
Tgt Ion:248 Resp: 226686

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

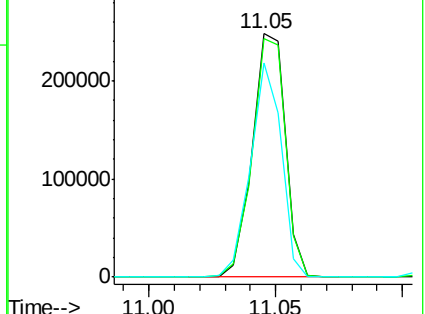
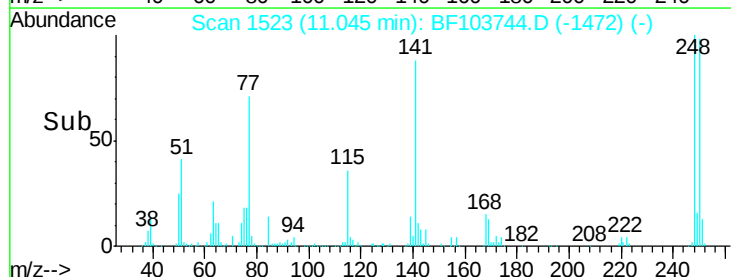
141 88.0 74.4 111.6



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

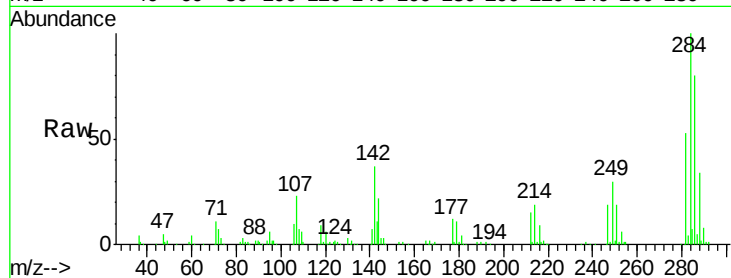




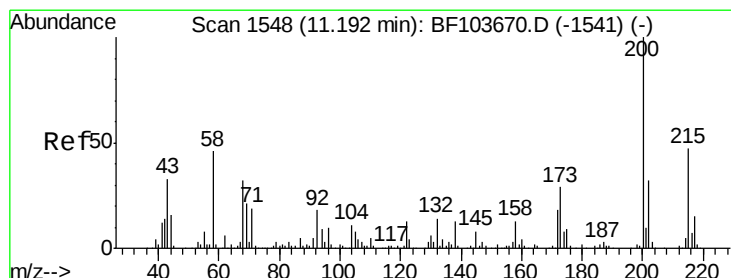
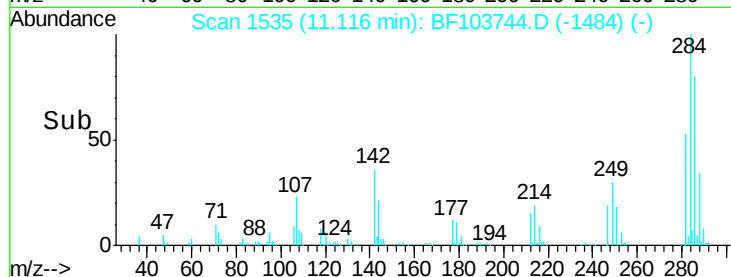
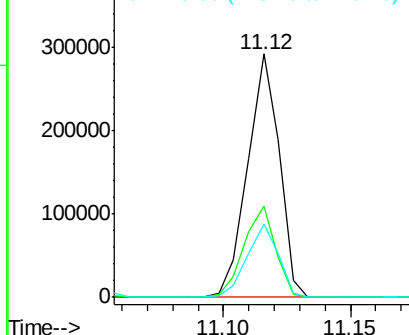
#67
Hexachlorobenzene
Concen: 40.541 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.3	34.6	52.0
249	30.3	24.8	37.2

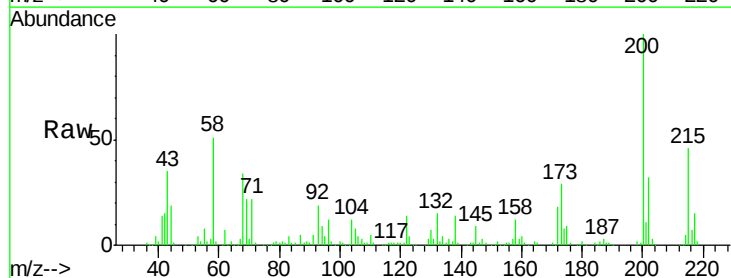


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

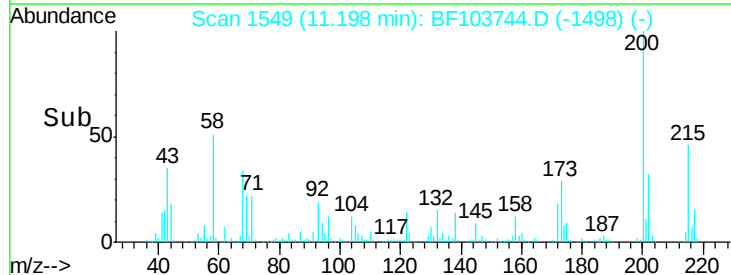
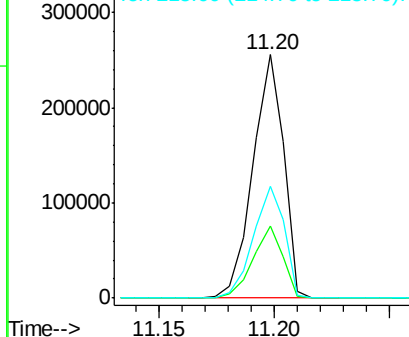


#68
Atrazine
Concen: 42.274 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	45.9	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: 45.734 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

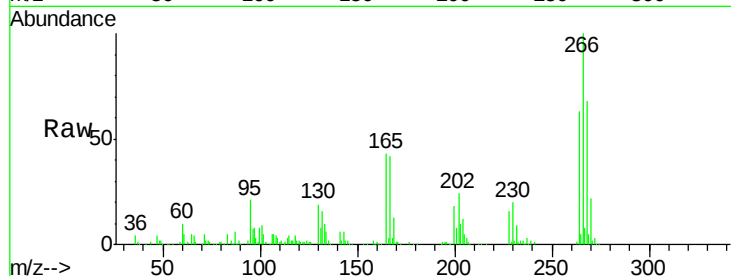
Tot Ion:266 Resp: 164612

Ion Ratio Lower Upper

266 100

268 67.6 51.1 76.7

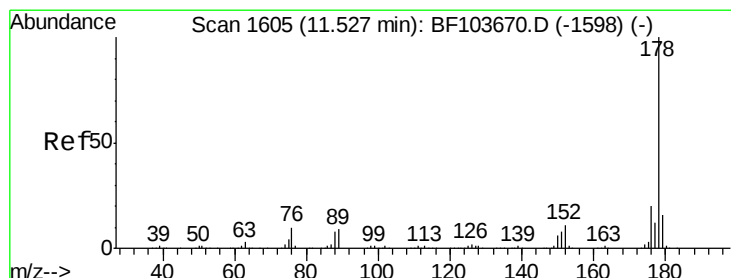
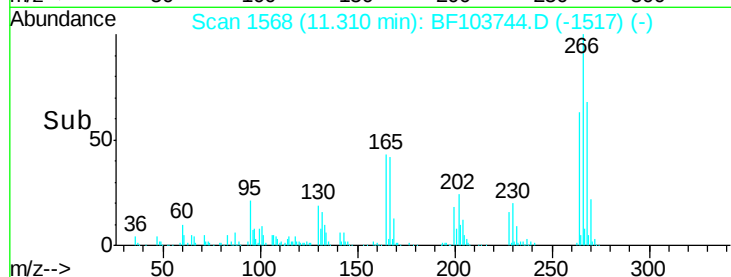
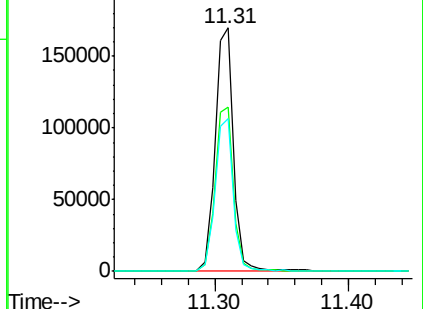
264 62.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.395 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

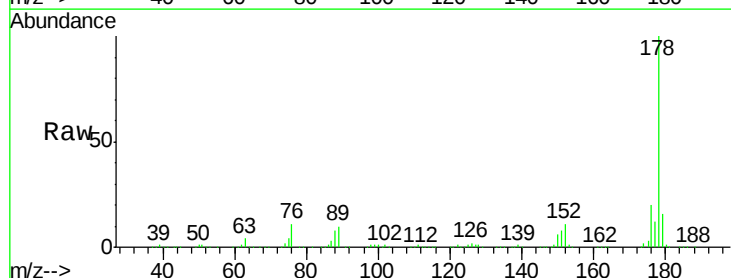
Tgt Ion:178 Resp: 1151316

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

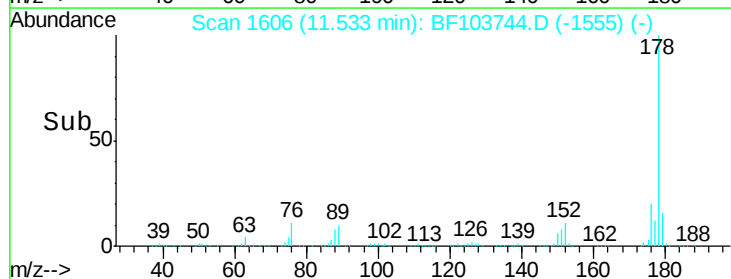
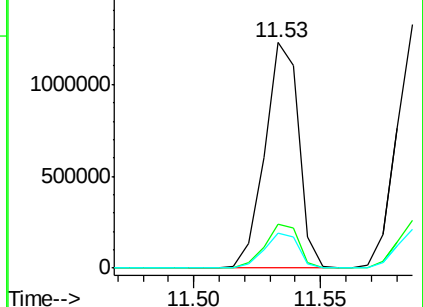
179 15.8 13.0 19.6

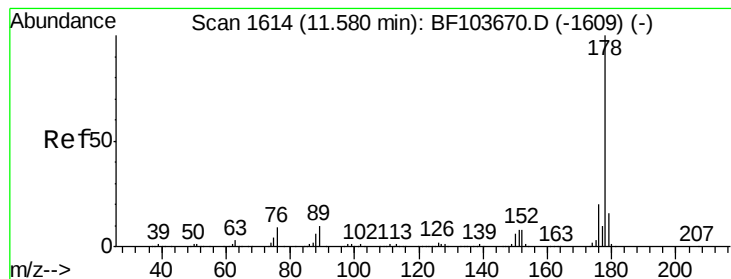


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.723 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

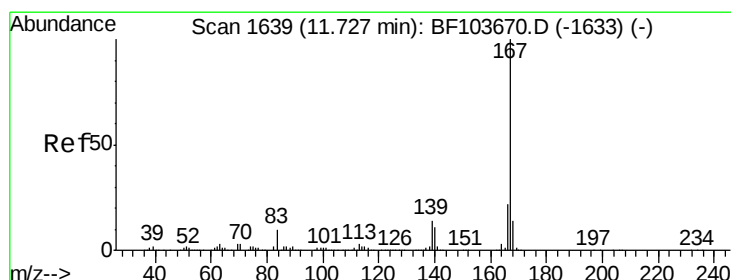
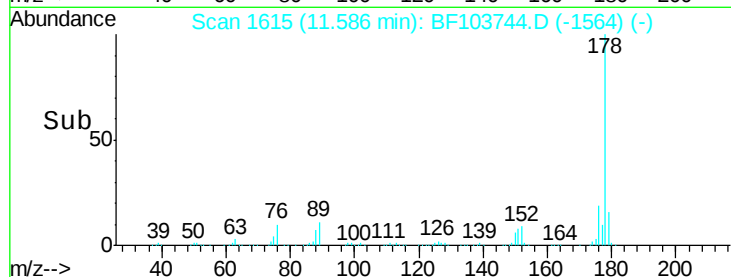
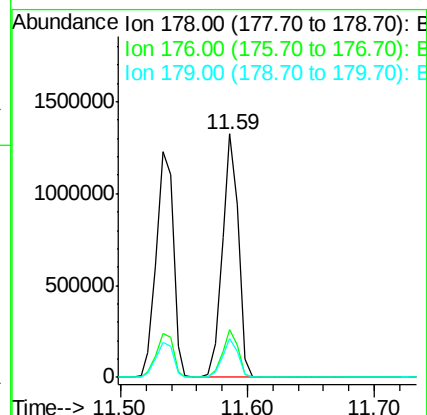
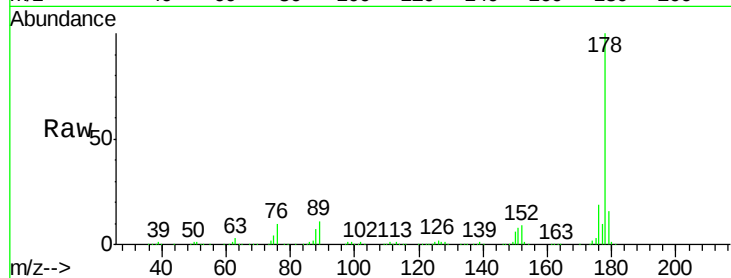
Tot Ion:178 Resp: 1179076

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.8 12.6 19.0



#72

Carbazole

Concen: 39.703 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

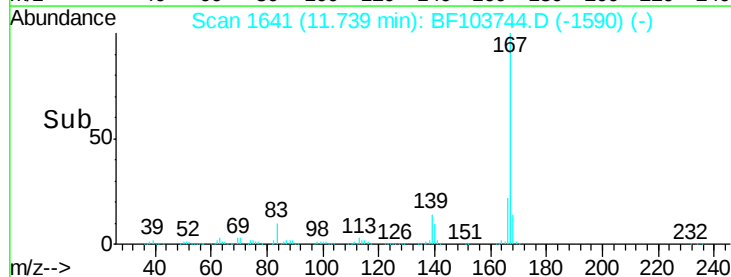
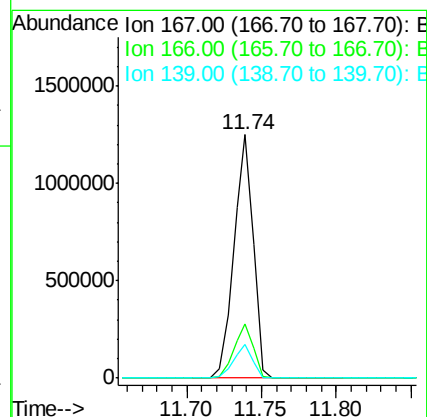
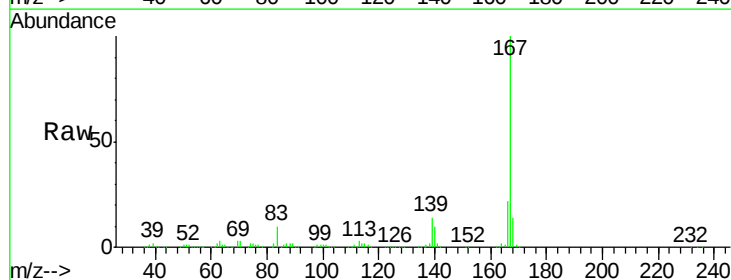
Tgt Ion:167 Resp: 1145429

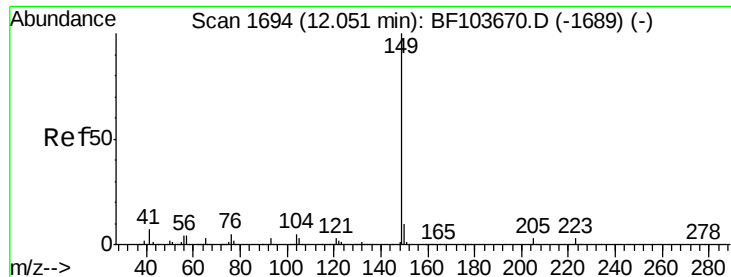
Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.679 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

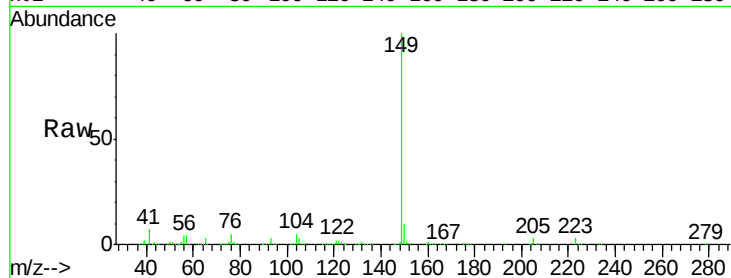
Tot Ion:149 Resp: 1408160

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

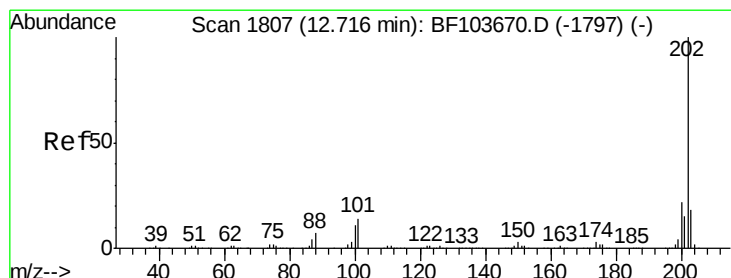
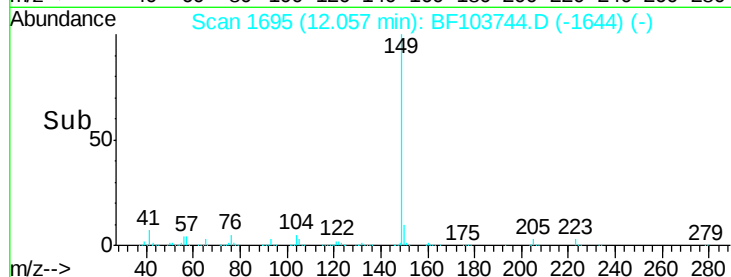
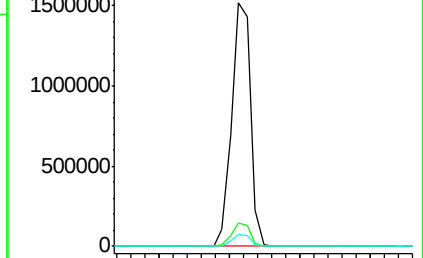
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.077 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

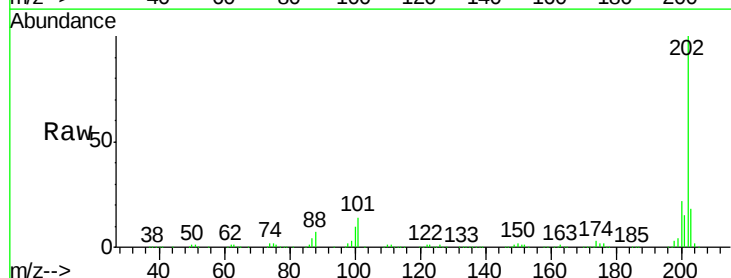
Tgt Ion:202 Resp: 1206636

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

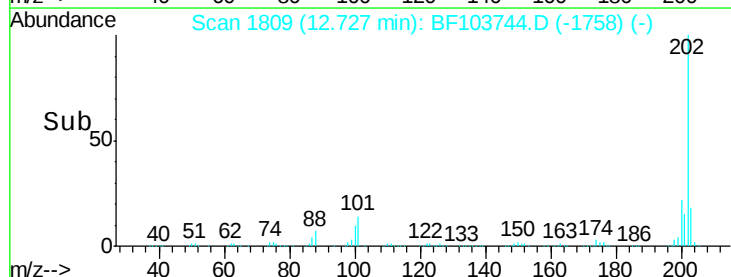
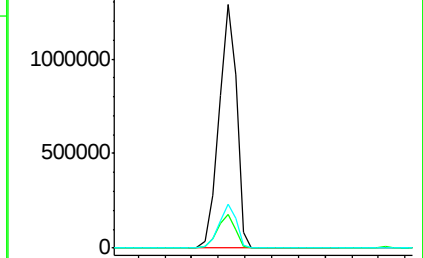
203 18.2 0.0 38.1

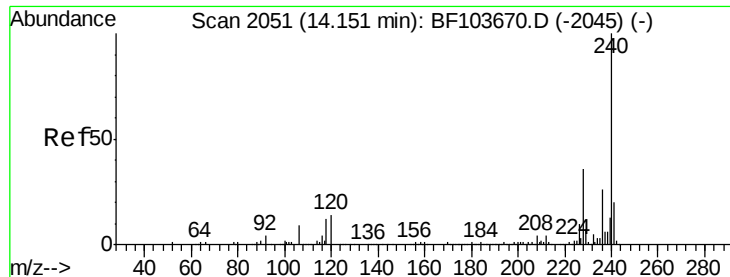


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

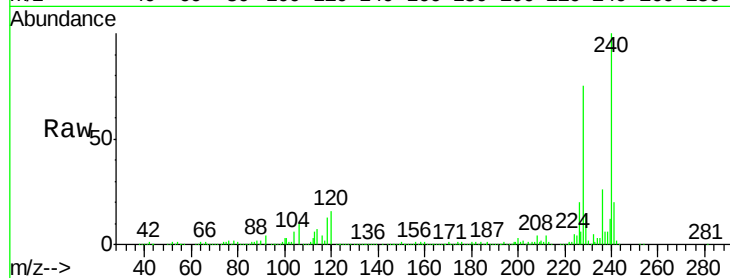
Tot Ion:240 Resp: 447513

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.16

400000

300000

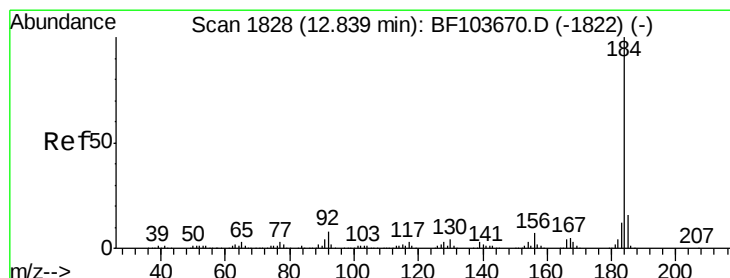
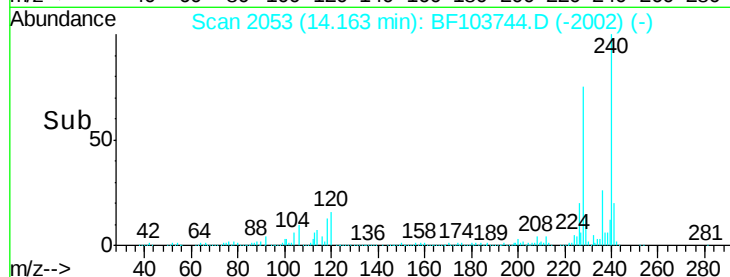
200000

100000

0

14.10 14.20

Time-->



#76

Benzidine

Concen: 33.564 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

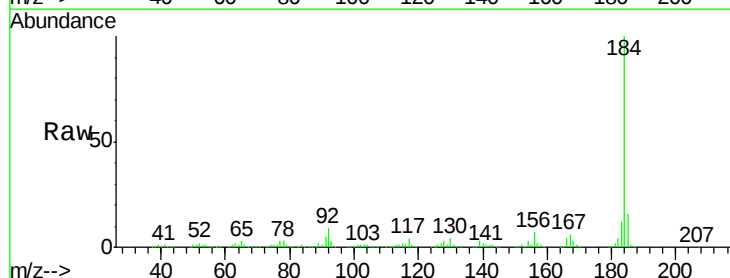
Tgt Ion:184 Resp: 640624

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.84

1000000

800000

600000

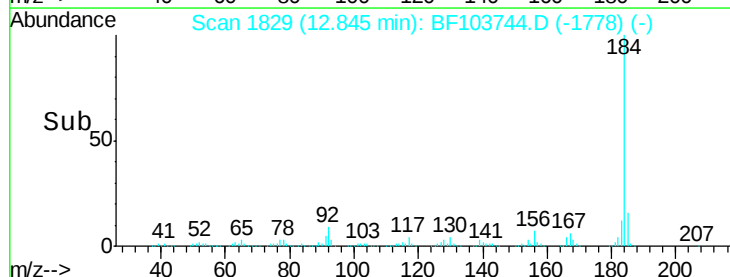
400000

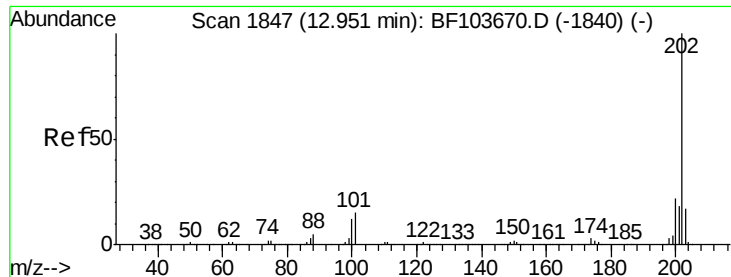
200000

0

12.80 12.90 13.00

Time-->

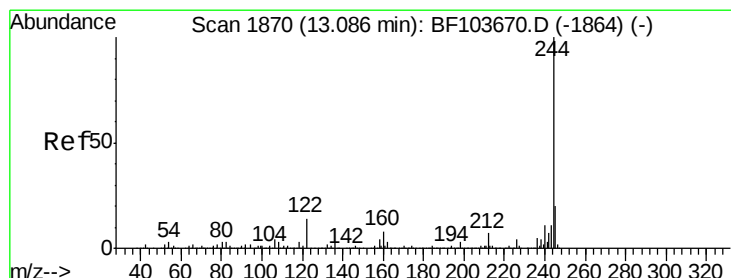
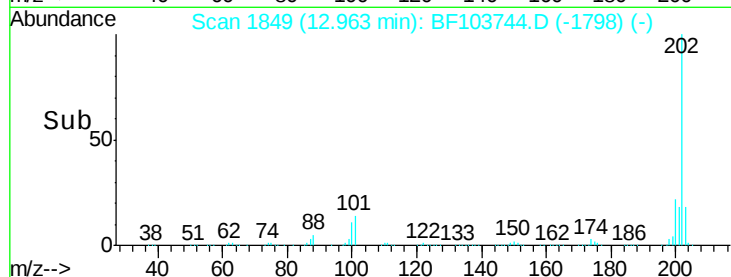
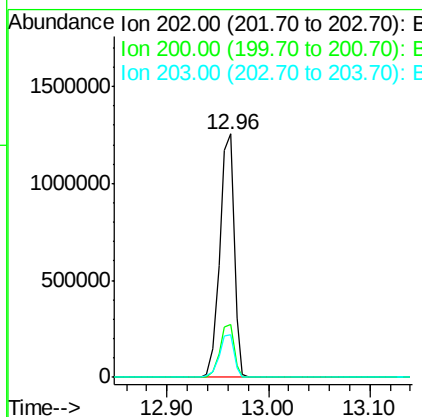
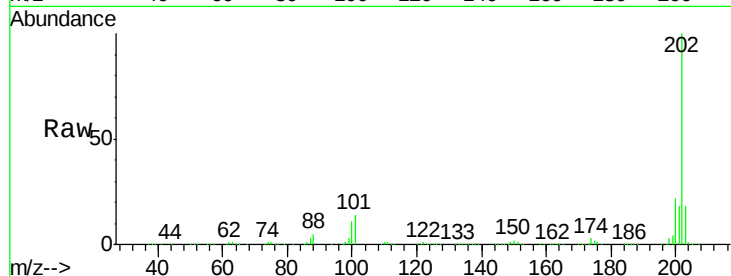




#77
Pvrene
Concen: 37.637 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

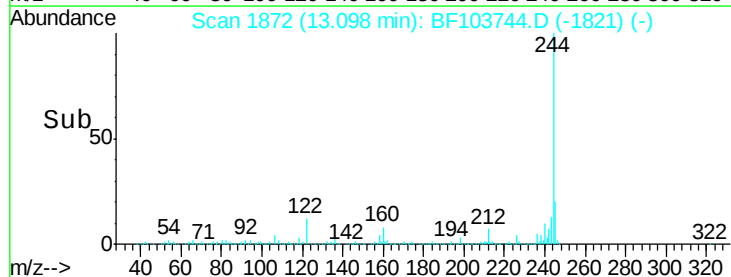
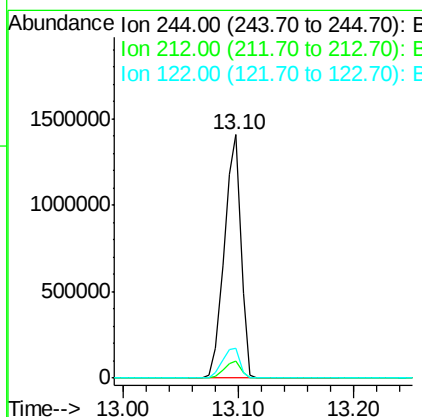
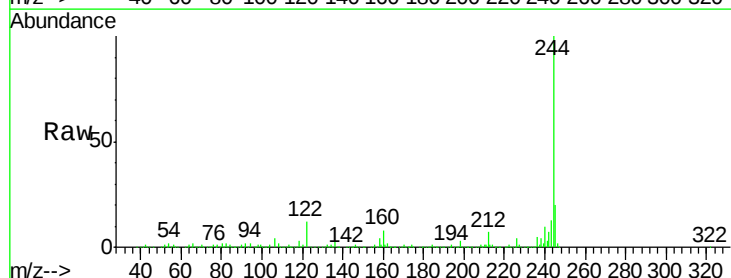
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1236957
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 72.369 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:244 Resp: 1395255
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.4 11.0 16.4

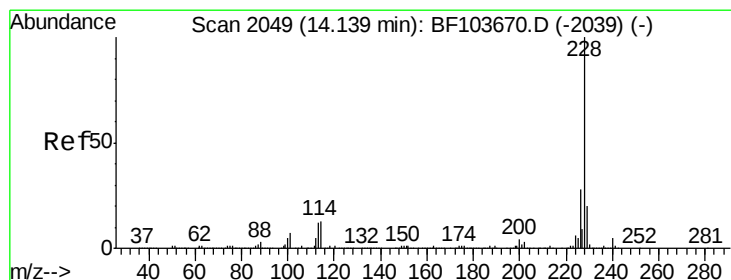
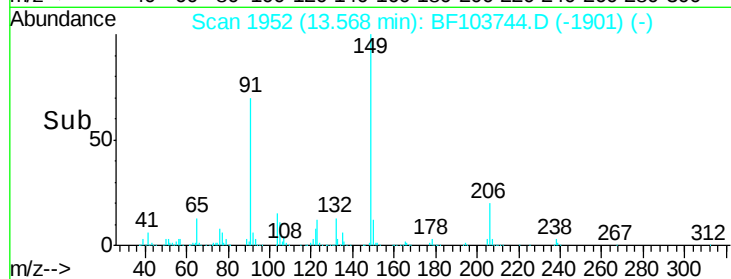
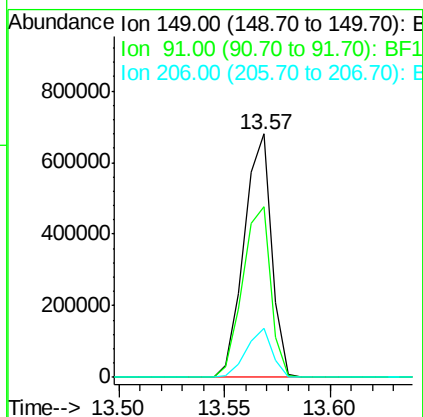
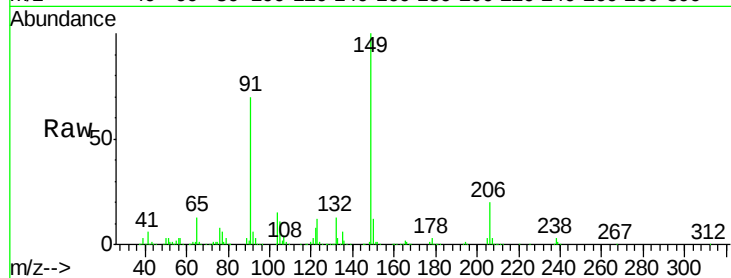




#79
Butylbenzylphthalate
Concen: 42.045 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

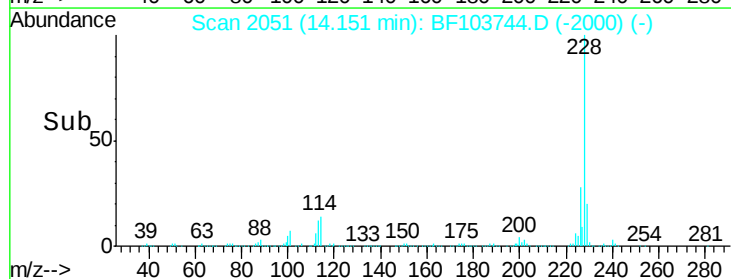
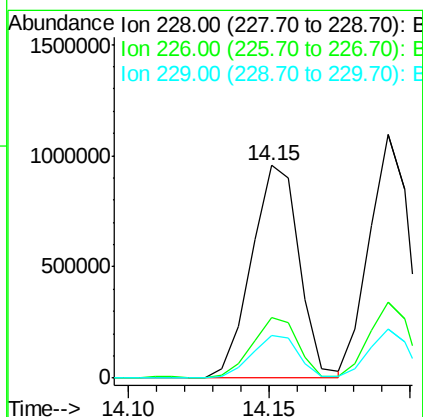
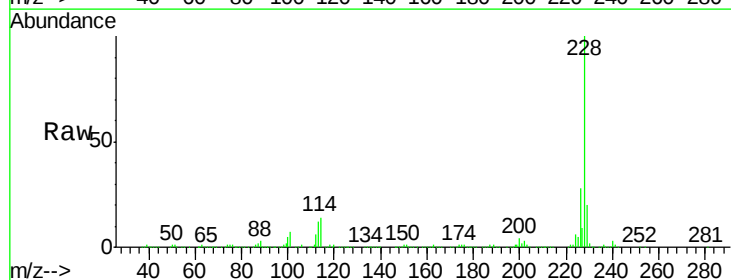
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 612213
Ion Ratio Lower Upper
149 100
91 70.0 56.8 85.2
206 20.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.718 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:228 Resp: 1125118
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 41.566 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

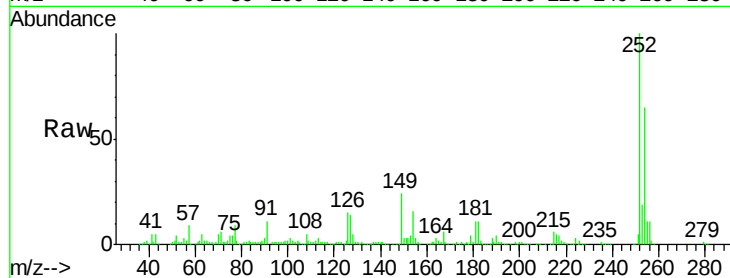
Tot Ion:252 Resp: 393853

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

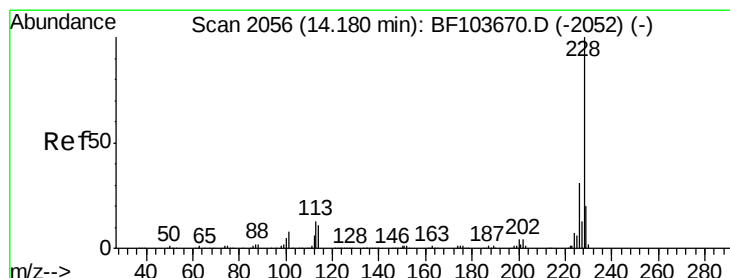
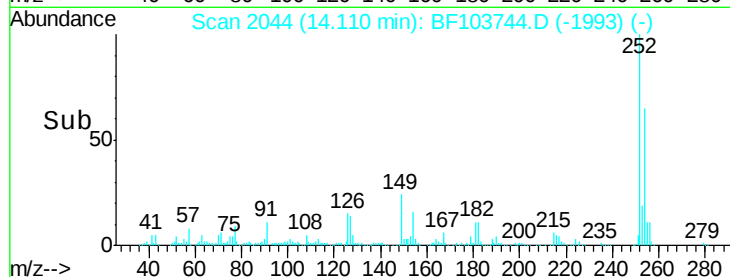
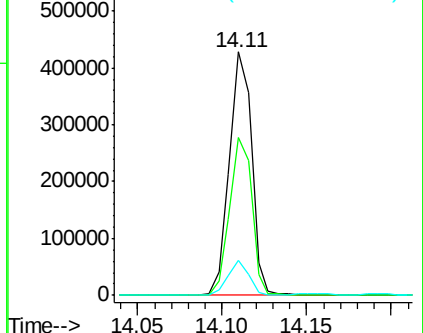
126 14.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.882 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

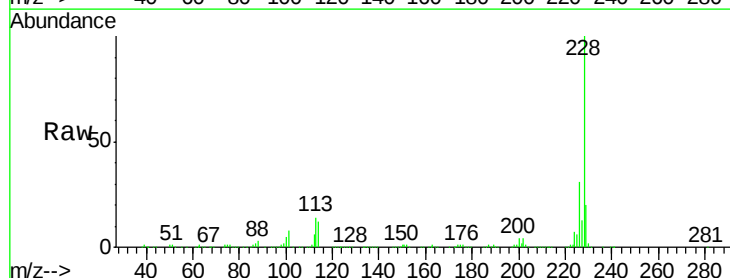
Tgt Ion:228 Resp: 1049935

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

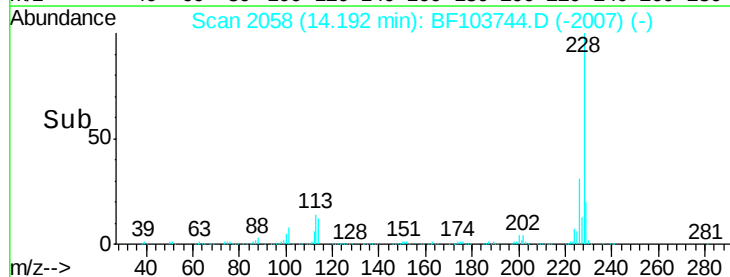
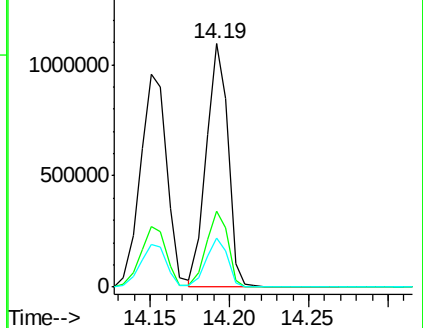
229 20.2 16.2 24.4

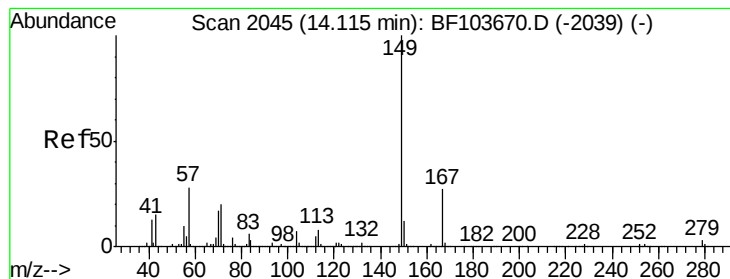


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.205 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

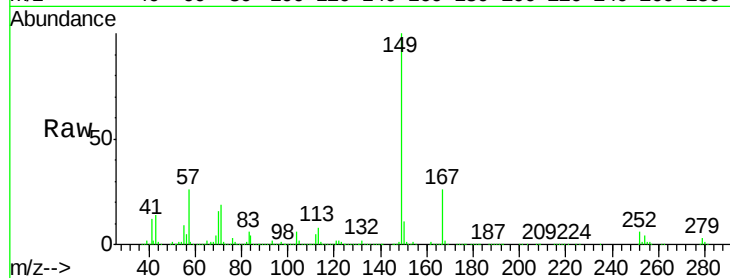
Tot Ion:149 Resp: 836327

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

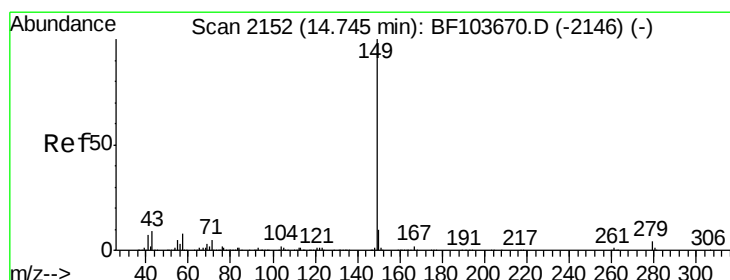
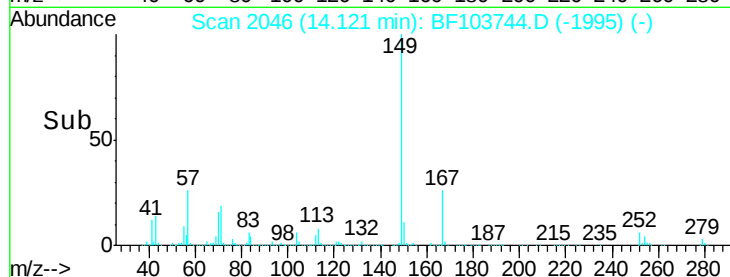
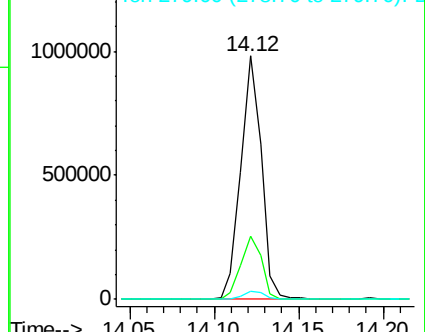
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.763 ng

RT: 14.75 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

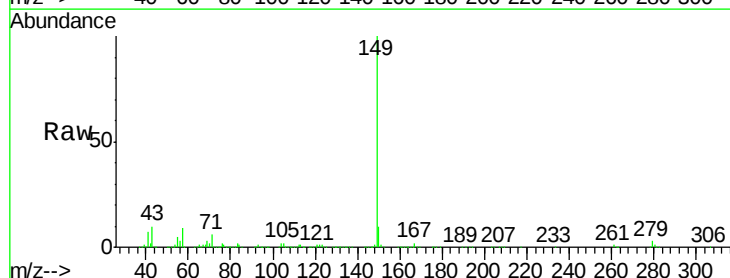
Tgt Ion:149 Resp: 1354635

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

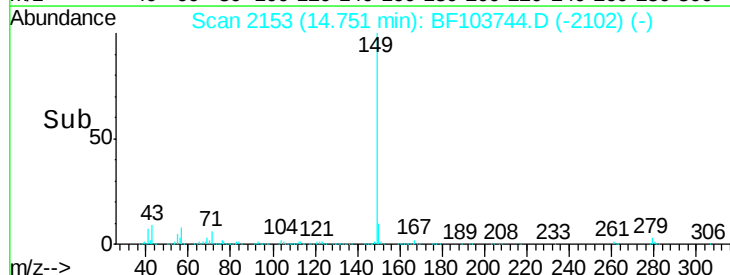
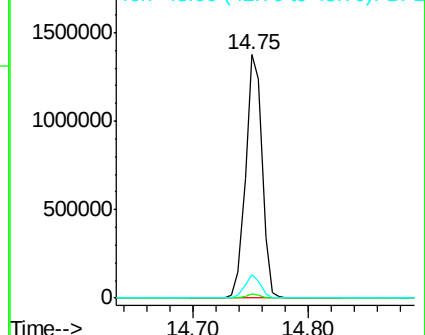
43 9.0 8.4 12.6

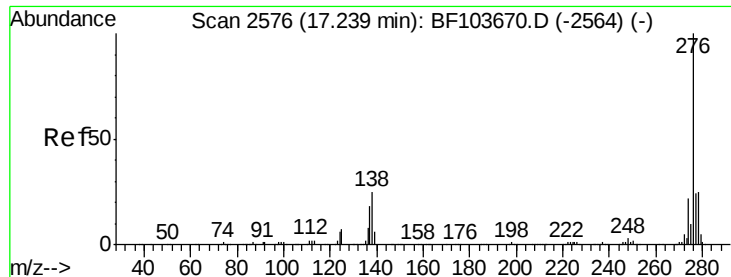


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

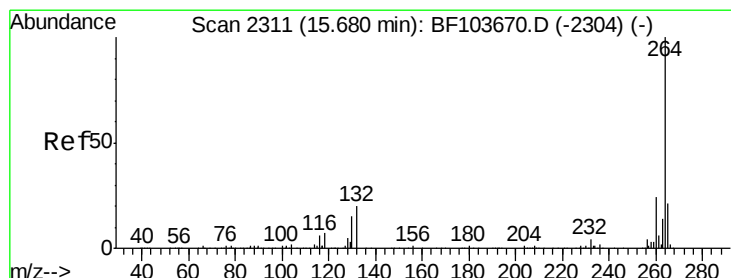
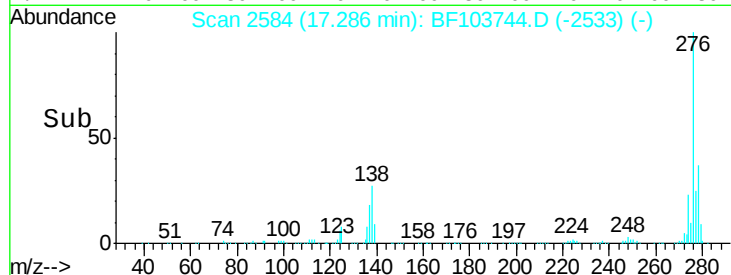
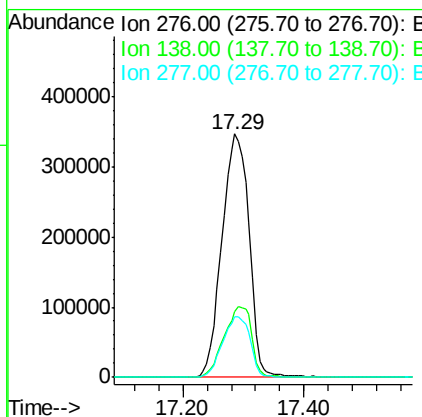
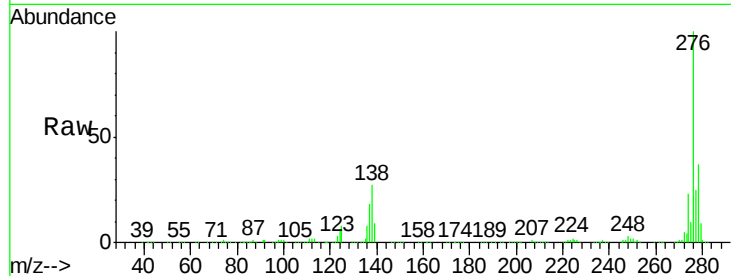




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.148 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

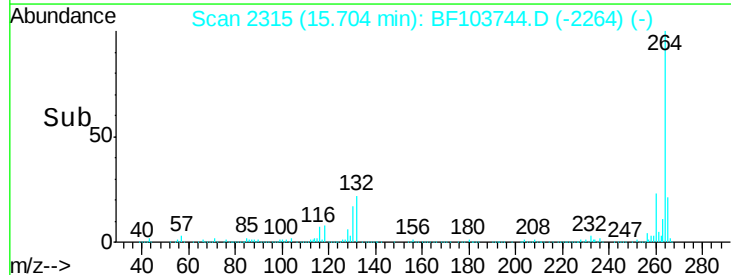
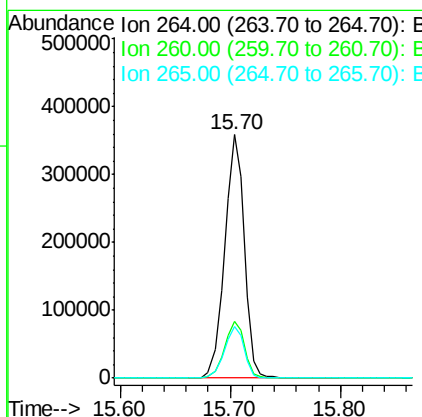
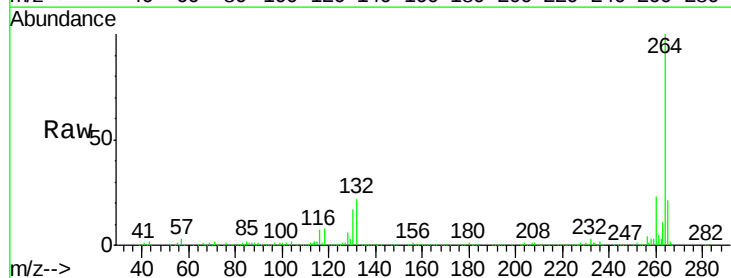
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

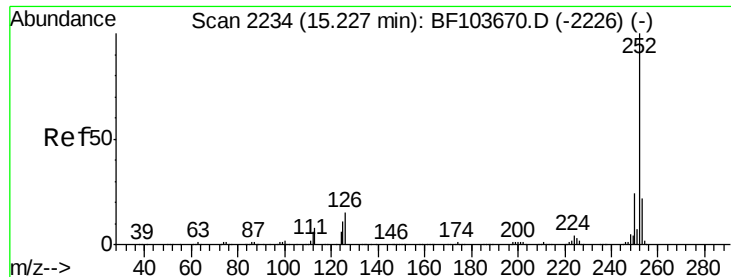
Tot Ion:276 Resp: 1088246
Ion Ratio Lower Upper
276 100
138 29.6 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:264 Resp: 446774
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.0 17.5 26.3

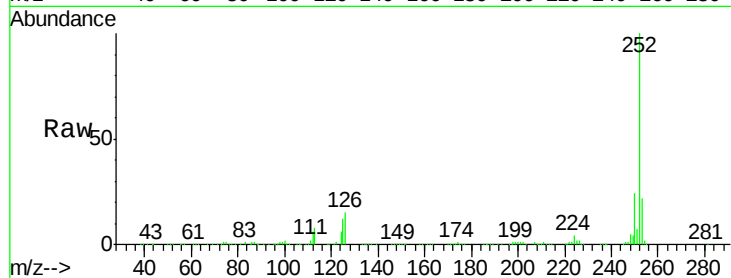




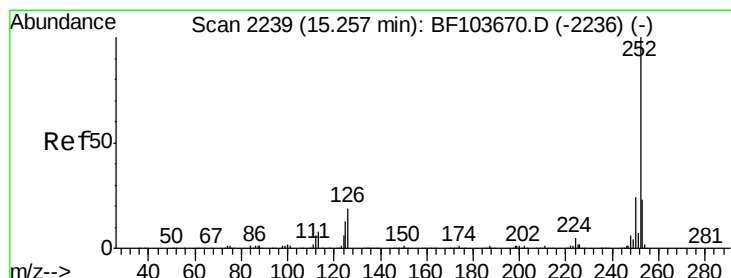
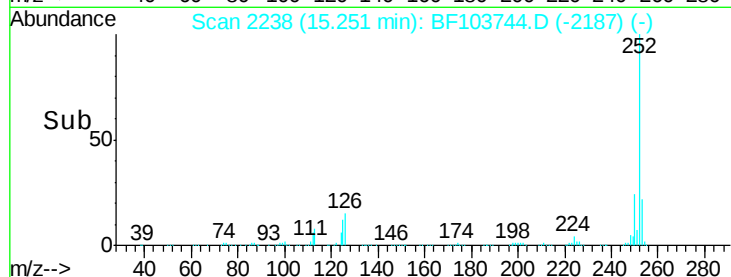
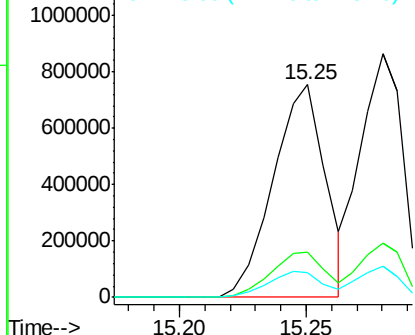
#87
Benzo(b)fluoranthene
Concen: 38.360 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1082748
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.8 9.0 13.6

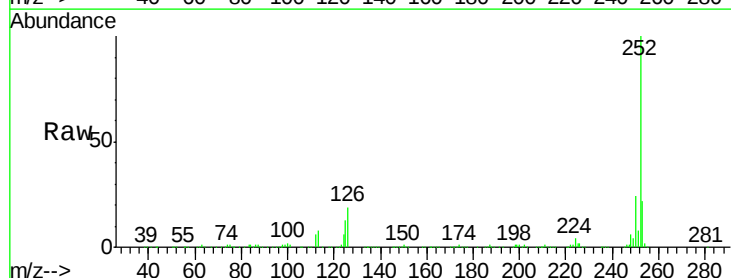


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

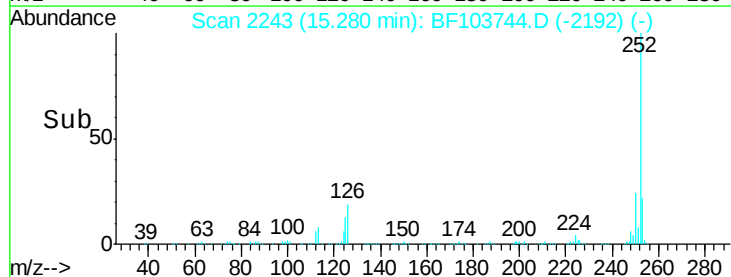
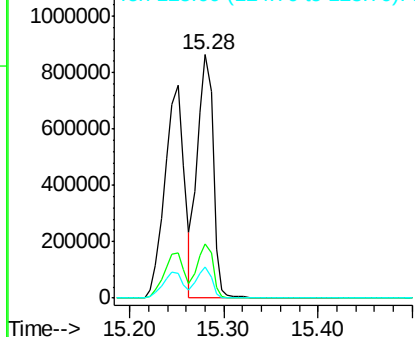


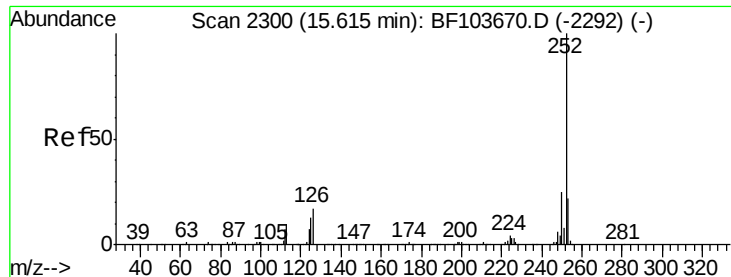
#88
Benzo(k)fluoranthene
Concen: 37.574 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF103744.D
Acq: 19 Mar 2018 9:19

Tgt Ion:252 Resp: 1019495
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.0 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.265 ng

RT: 15.64 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

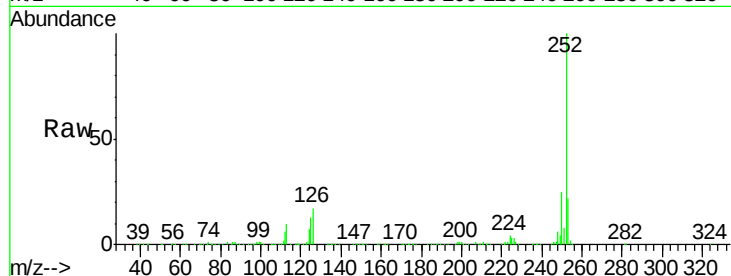
Tot Ion:252 Resp: 1005247

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

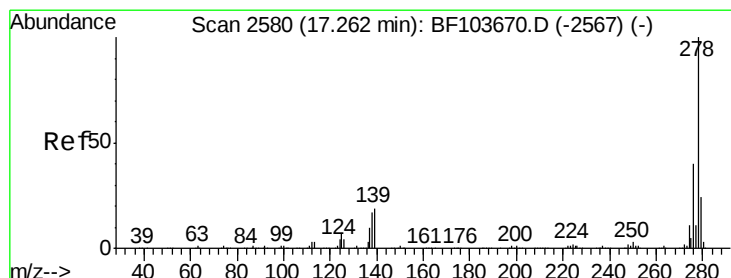
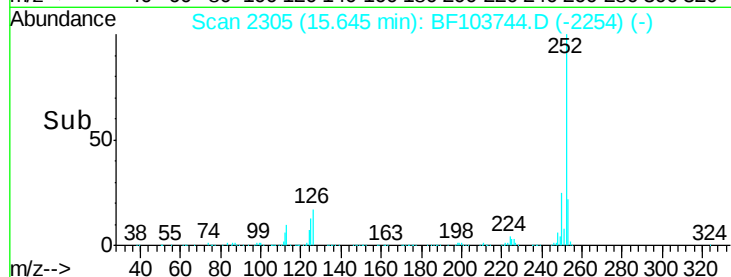
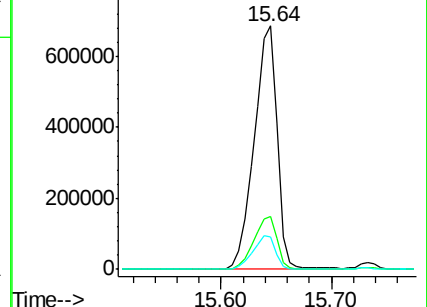
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.265 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.00 min

Lab File: BF103744.D

Acq: 19 Mar 2018 9:19

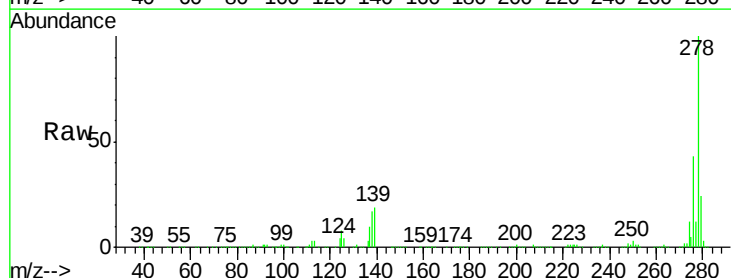
Tgt Ion:278 Resp: 892599

Ion Ratio Lower Upper

278 100

139 18.7 15.9 23.9

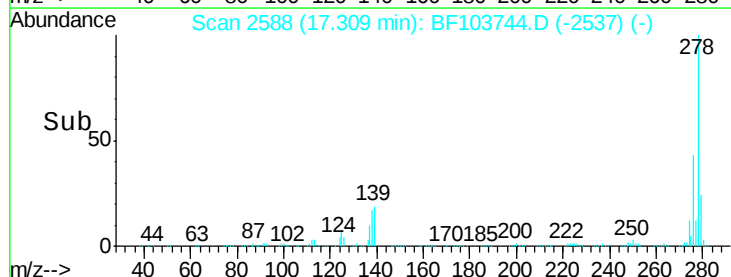
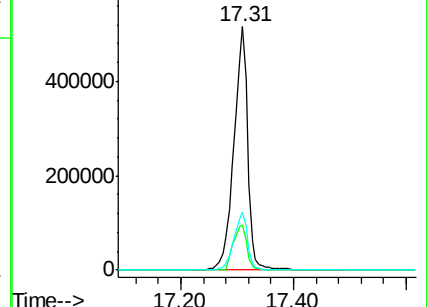
279 23.7 19.0 28.4

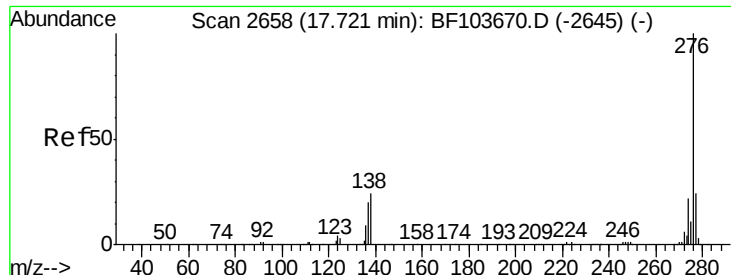


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

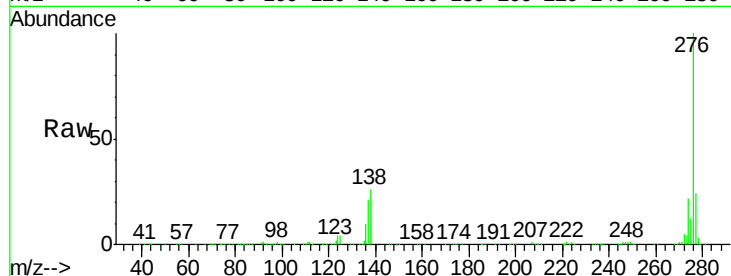




#91
 Benzo(a,h,i)perylene
 Concen: 41.359 ng
 RT: 17.77 min Scan# 2667
 Delta R.T. 0.00 min
 Lab File: BF103744.D
 Acq: 19 Mar 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 276 Resp: 891951
 Ion Ratio Lower Upper
 276 100
 277 23.8 17.9 26.9
 138 25.8 21.8 32.8



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

