

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF109997.D
 Acq On : 19 Oct 2018 12:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 20 00:05:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171416	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	720642	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	331104	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	602698	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	380721	20.00	ng	-0.02
87) Perylene-d12	15.66	264	327989	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	857116	79.26	ng	-0.01
7) Phenol-d6	6.59	99	1066379	79.41	ng	-0.01
23) Nitrobenzene-d5	7.53	82	949525	88.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	249608	87.07	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1699795	81.92	ng	-0.01
79) Terphenyl-d14	13.09	244	1539036	84.89	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	225701	36.747	ng	90
3) Pyridine	3.60	79	513600	37.507	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	212505	38.043	ng	94
6) Aniline	6.63	93	699821	38.673	ng	# 53
8) 2-Chlorophenol	6.76	128	487481	40.244	ng	97
9) Benzaldehyde	6.52	77	335237	38.417	ng	96
10) Phenol	6.60	94	566232	39.056	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	465999	38.442	ng	93
12) 1,3-Dichlorobenzene	6.91	146	531266	39.997	ng	99
13) 1,4-Dichlorobenzene	6.99	146	533495	39.882	ng	98
14) 1,2-Dichlorobenzene	7.15	146	498474	40.466	ng	98
15) Benzyl Alcohol	7.10	79	420968	40.749	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	756069	38.000	ng	67
17) 2-Methylphenol	7.21	107	386187	39.537	ng	# 81
18) Hexachloroethane	7.48	117	195672	41.392	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	328905	38.148	ng	96
20) 3+4-Methylphenols	7.37	107	493850	39.842	ng	97
22) Acetophenone	7.38	105	643465	38.503	ng	98
24) Nitrobenzene	7.56	77	495849	42.667	ng	92
25) Isophorone	7.79	82	788393	37.507	ng	95
26) 2-Nitrophenol	7.87	139	243314	50.496	ng	91
27) 2,4-Dimethylphenol	7.90	122	389279	38.448	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	552096	38.271	ng	99
29) 2,4-Dichlorophenol	8.10	162	399309	40.655	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	441025	40.103	ng	94
31) Naphthalene	8.27	128	1290998	39.067	ng	100
32) Benzoic acid	7.97	122	78105	12.381	ng	93
33) 4-Chloroaniline	8.32	127	583126	39.255	ng	98
34) Hexachlorobutadiene	8.39	225	244724	40.355	ng	98
35) Caprolactam	8.69	113	124327	35.642	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	416773	40.224	ng	98
37) 2-Methylnaphthalene	8.97	142	840765	39.291	ng	98
38) 1-Methylnaphthalene	9.07	142	811134	39.119	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	412400	40.438	ng	99

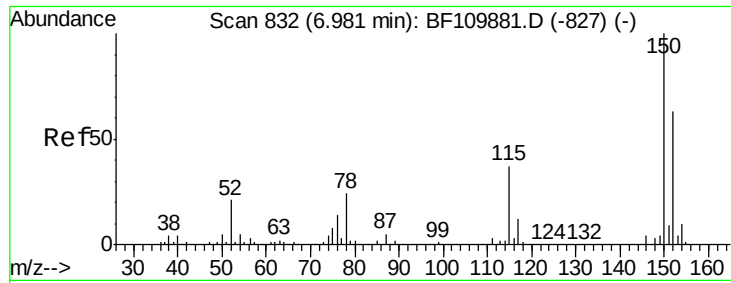
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF109997.D
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Quant Time: Oct 20 00:05:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	214247	43.526	ng	100
43) 2,4,6-Trichlorophenol	9.24	196	265651	41.658	ng	94
44) 2,4,5-Trichlorophenol	9.28	196	282297	42.653	ng	96
46) 1,1'-Biphenyl	9.43	154	1159039	39.289	ng	99
47) 2-Chloronaphthalene	9.46	162	864643	39.791	ng	99
48) 2-Nitroaniline	9.55	65	260869	46.780	ng	97
49) Acenaphthylene	9.87	152	1246407	39.484	ng	98
50) Dimethylphthalate	9.73	163	927351	39.554	ng	100
51) 2,6-Dinitrotoluene	9.79	165	207882	46.683	ng	96
52) Acenaphthene	10.05	154	794742	39.545	ng	98
53) 3-Nitroaniline	9.96	138	241400	44.565	ng	96
54) 2,4-Dinitrophenol	10.06	184	43007	35.850	ng	94
55) Dibenzofuran	10.22	168	1132906	39.527	ng	96
56) 4-Nitrophenol	10.11	139	175410	42.439	ng	94
57) 2,4-Dinitrotoluene	10.20	165	261709	46.666	ng	# 80
58) Fluorene	10.56	166	827083	39.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	217725	41.508	ng	95
60) Diethylphthalate	10.43	149	903481	39.017	ng	98
61) 4-Chlorophenyl-phenylether	10.55	204	442803	40.742	ng	98
62) 4-Nitroaniline	10.58	138	229041	44.668	ng	91
63) Azobenzene	10.71	77	907334	37.507	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	89380	42.099	ng	95
66) n-Nitrosodiphenylamine	10.67	169	784526	39.083	ng	98
67) 4-Bromophenyl-phenylether	11.05	248	257044	39.353	ng	97
68) Hexachlorobenzene	11.11	284	275670	39.578	ng	95
69) Atrazine	11.19	200	248463	39.626	ng	99
70) Pentachlorophenol	11.30	266	154900	39.078	ng	96
71) Phenanthrene	11.53	178	1210951	38.810	ng	99
72) Anthracene	11.58	178	1222436	38.969	ng	99
73) Carbazole	11.73	167	1157621	37.549	ng	100
74) Di-n-butylphthalate	12.05	149	1321214	38.400	ng	100
75) Fluoranthene	12.72	202	1158275	37.159	ng	99
77) Benzidine	12.83	184	593052	40.627	ng	99
78) Pyrene	12.95	202	1181897	42.267	ng	99
80) Butylbenzylphthalate	13.56	149	489444	43.294	ng	98
81) Benzo(a)anthracene	14.13	228	891925	39.773	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	321479	40.891	ng	98
83) Chrysene	14.17	228	820571	38.442	ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	641558	43.128	ng	# 95
85) Di-n-octyl phthalate	14.73	149	995753	47.480	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	846378	49.247	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	721864	38.175	ng	99
89) Benzo(k)fluoranthene	15.22	252	721864	38.731	ng	98
90) Benzo(a)pyrene	15.60	252	678856	39.034	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	708492	45.969	ng	98
92) Benzo(g,h,i)perylene	17.70	276	713994	45.850	ng	# 95

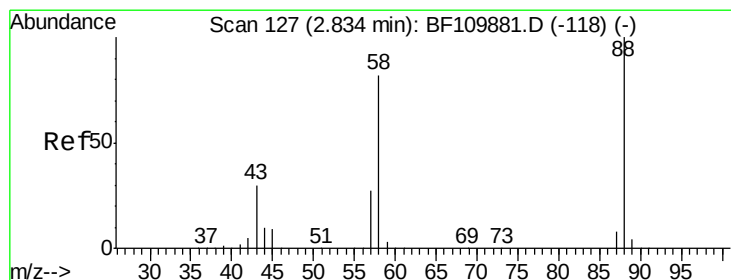
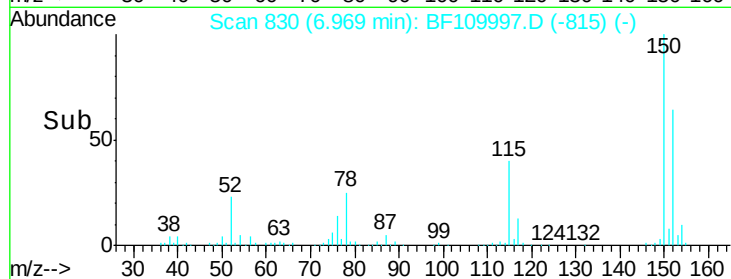
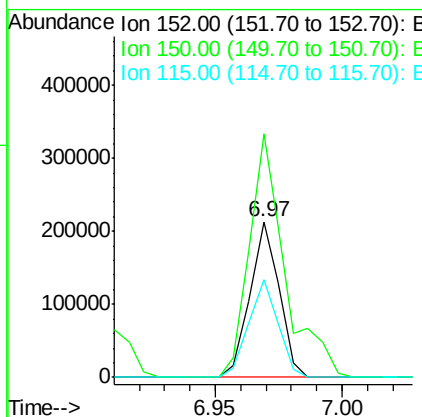
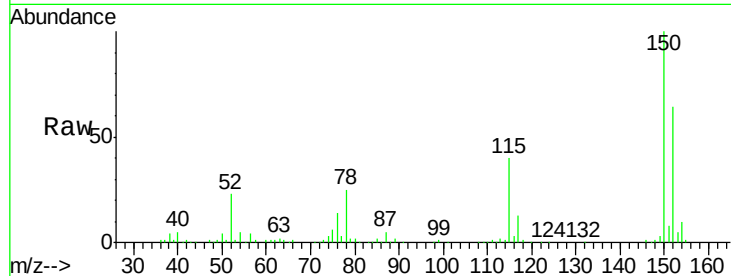
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

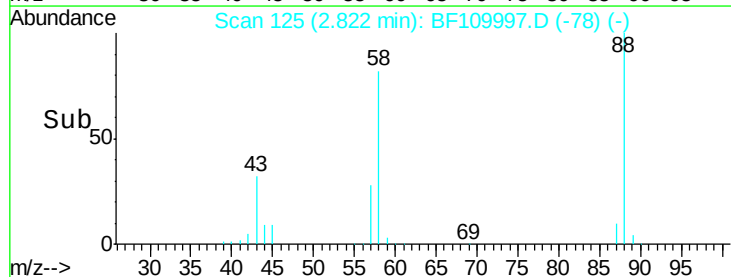
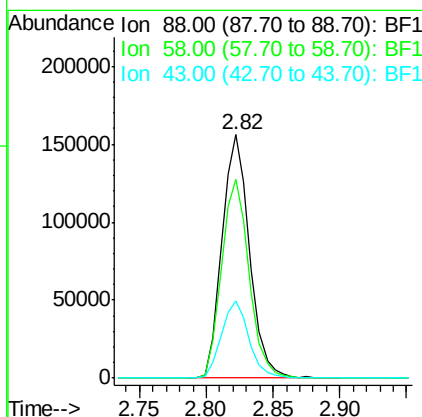
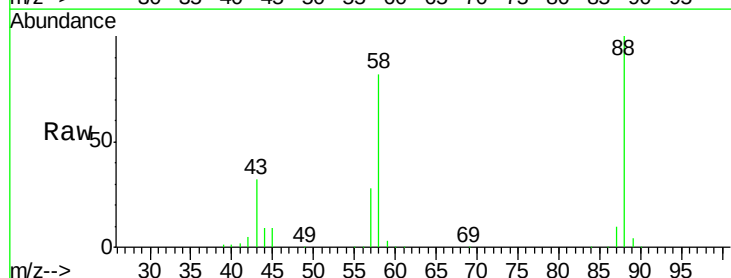
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

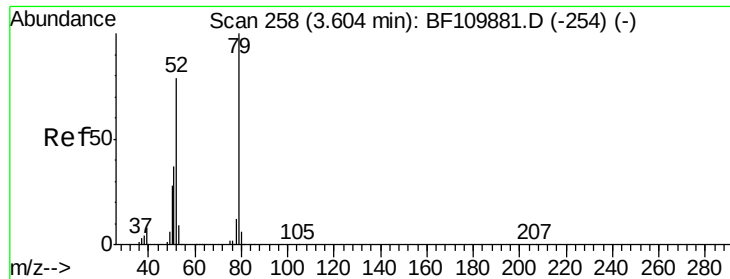
Tgt Ion: 152 Resp: 171416
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.7 184.1
 115 62.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 36.747 ng
 RT: 2.82 min Scan# 125
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion: 88 Resp: 225701
 Ion Ratio Lower Upper
 88 100
 58 81.9 57.1 85.7
 43 31.7 24.1 36.1





#3

Pyridine

Concen: 37.507 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

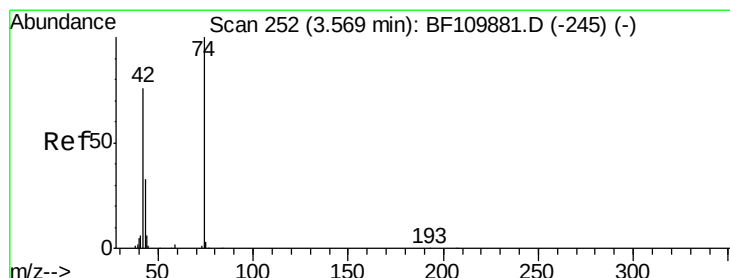
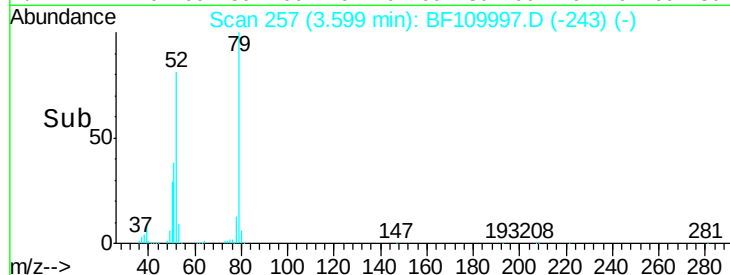
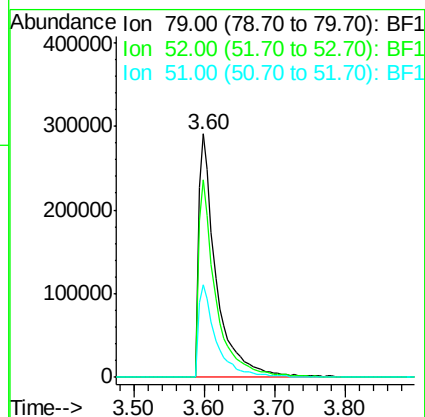
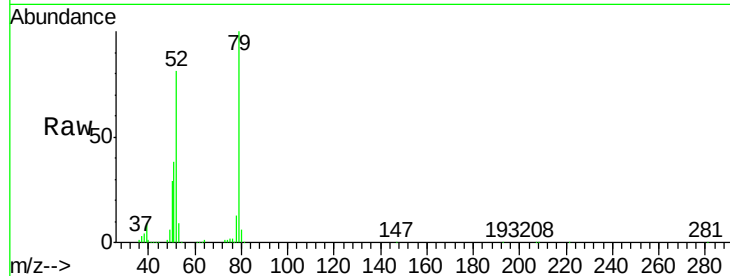
Tgt Ion: 79 Resp: 513600

Ion Ratio Lower Upper

79 100

52 81.2 53.1 79.7#

51 38.2 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 38.043 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

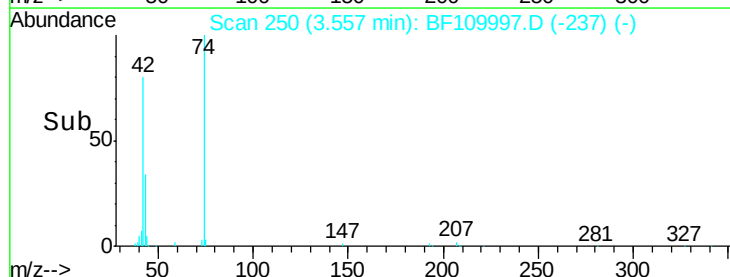
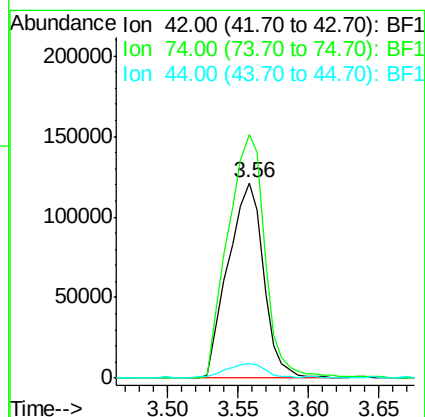
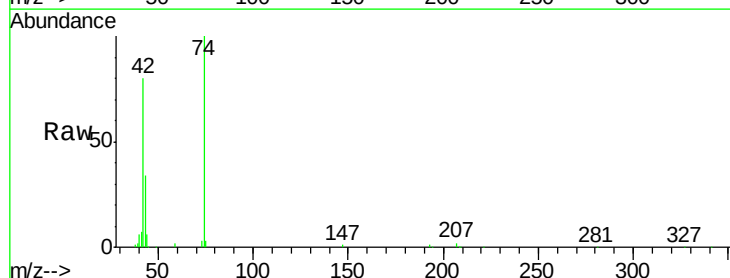
Tgt Ion: 42 Resp: 212505

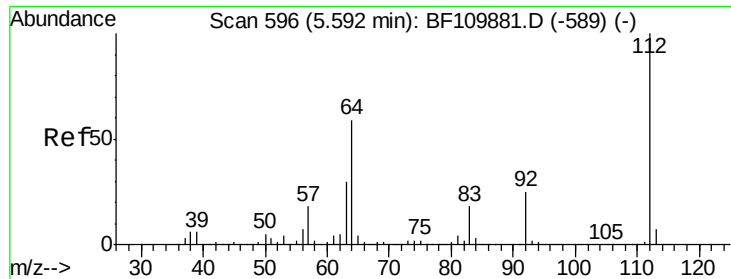
Ion Ratio Lower Upper

42 100

74 124.8 105.5 158.3

44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 79.260 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

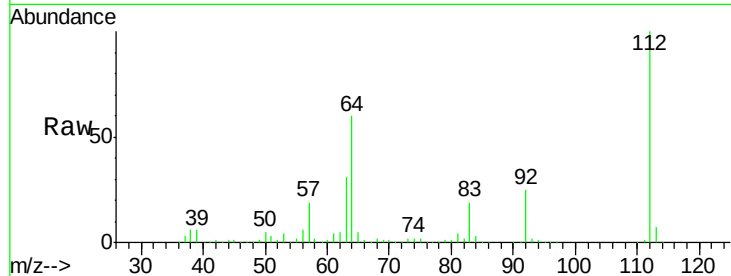
Tgt Ion: 112 Resp: 857116

Ion Ratio Lower Upper

112 100

64 60.5 44.1 66.1

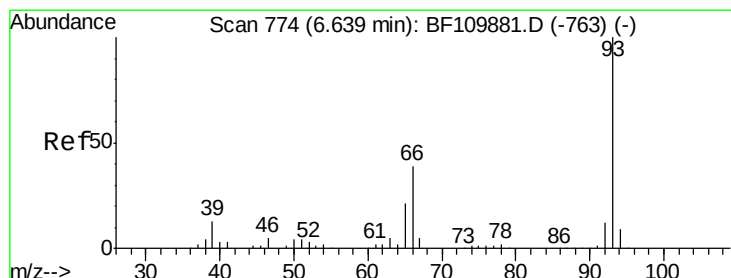
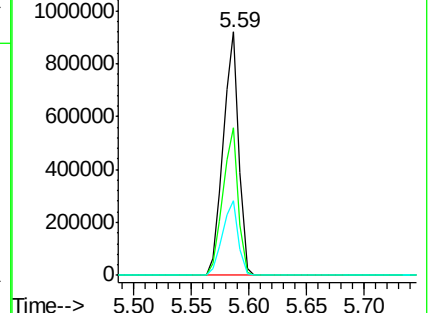
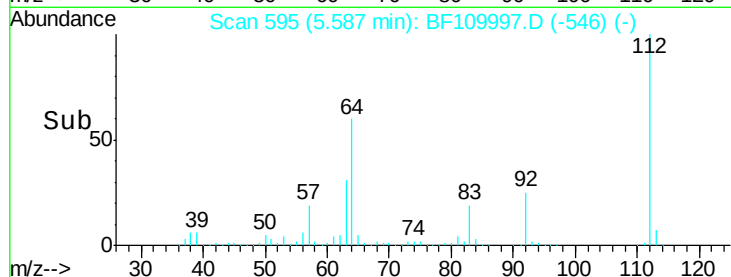
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.673 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

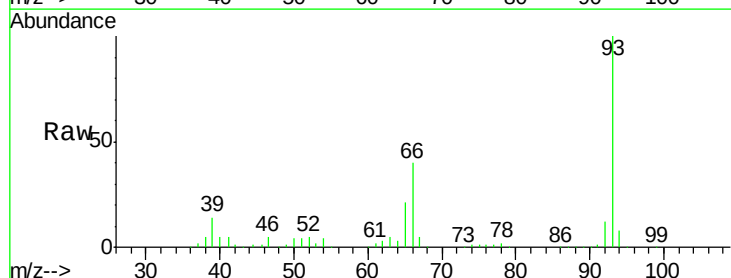
Tgt Ion: 93 Resp: 699821

Ion Ratio Lower Upper

93 100

66 40.1 67.4 101.0#

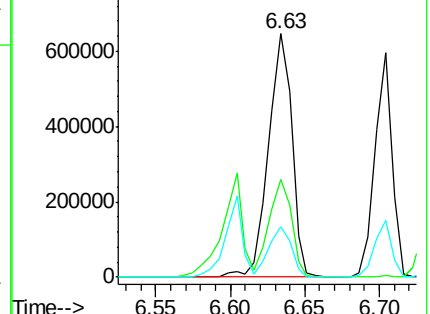
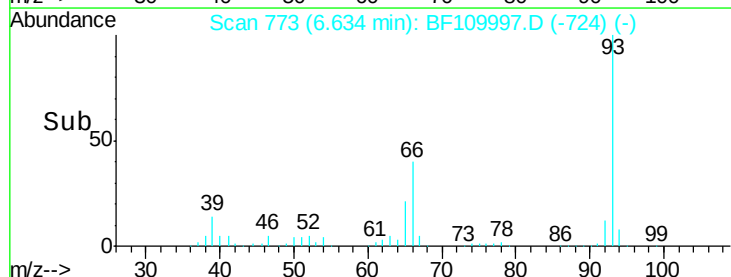
65 20.8 41.0 61.4#

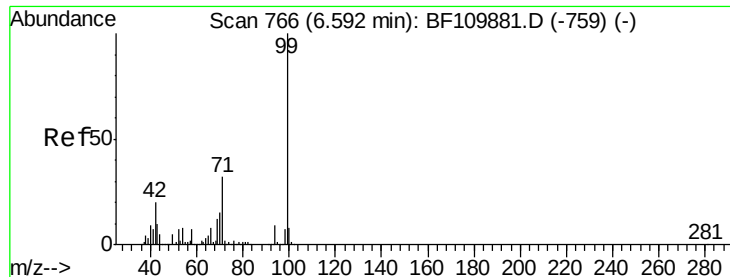


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.414 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

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ClientSampleId :

SSTDCCC040

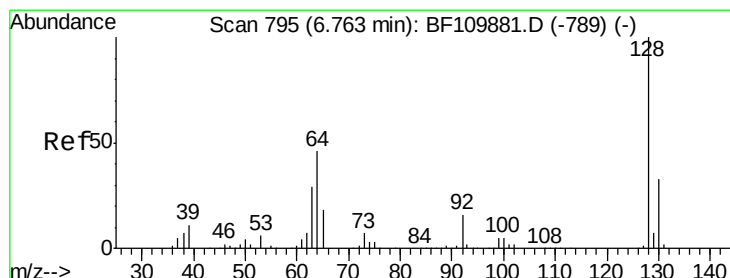
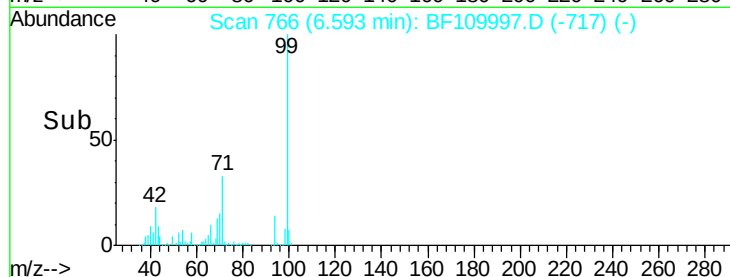
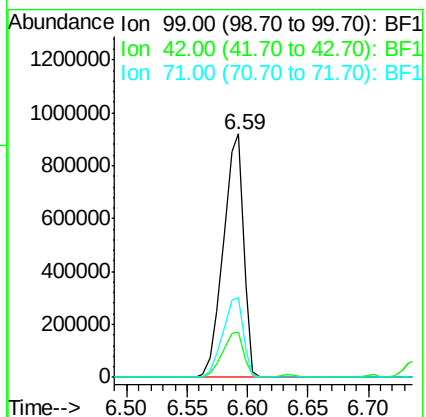
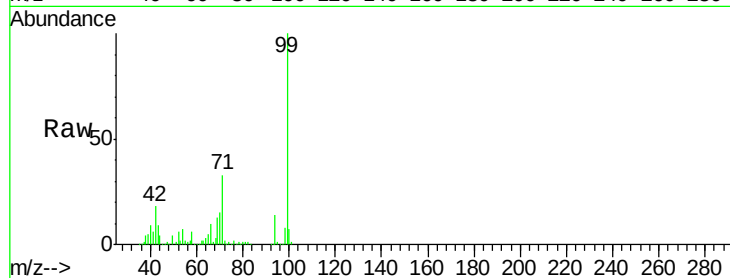
Tgt Ion: 99 Resp: 1066379

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

71 32.9 28.0 42.0



#8

2-Chlorophenol

Concen: 40.244 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

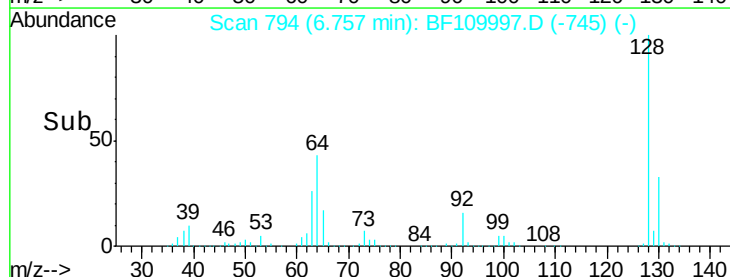
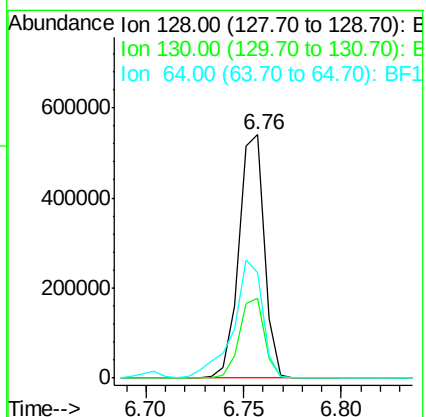
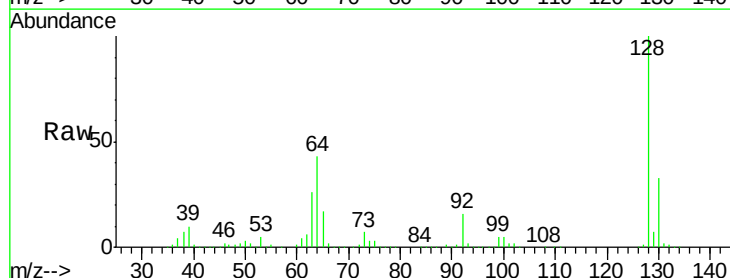
Tgt Ion: 128 Resp: 487481

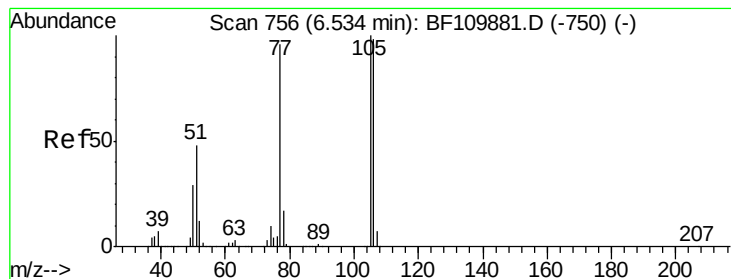
Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

64 43.4 26.0 66.0





#9

Benzaldehyde

Concen: 38.417 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

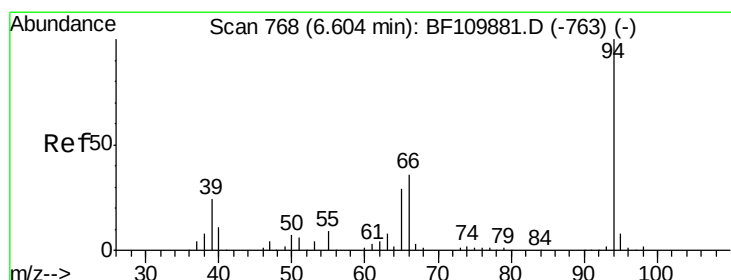
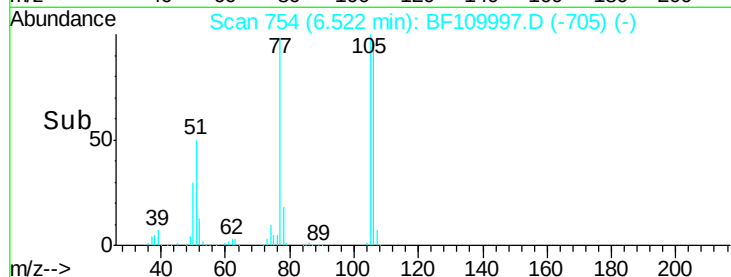
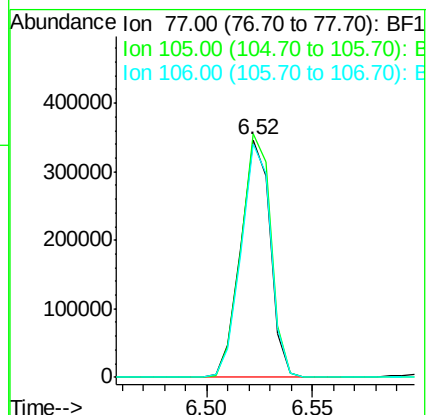
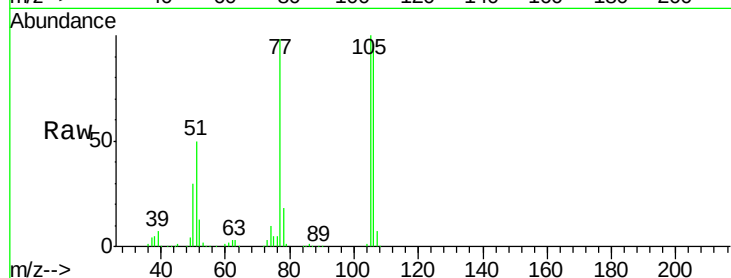
Tgt Ion: 77 Resp: 335237

Ion Ratio Lower Upper

77 100

105 102.5 78.6 118.6

106 98.3 74.8 114.8



#10

Phenol

Concen: 39.056 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

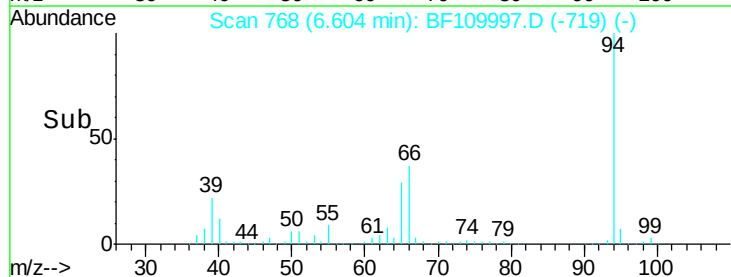
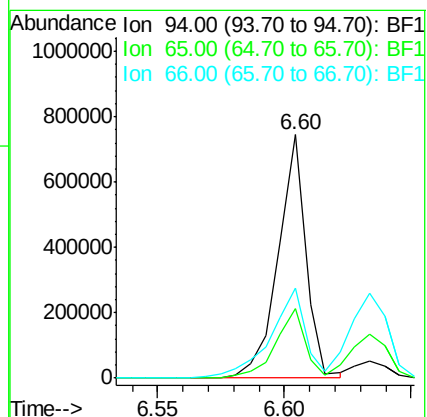
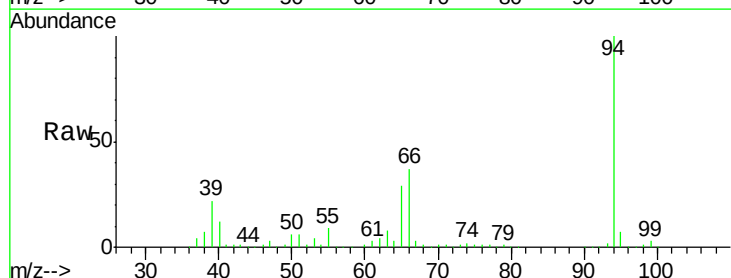
Tgt Ion: 94 Resp: 566232

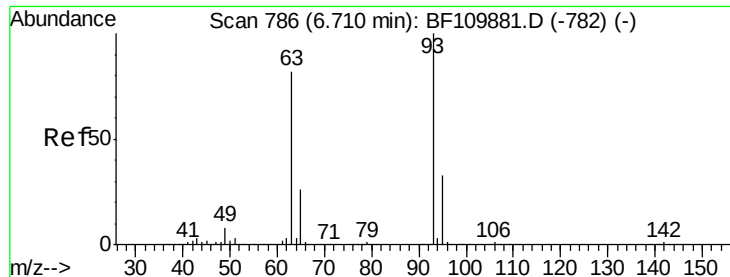
Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

66 37.0 54.5 94.5#

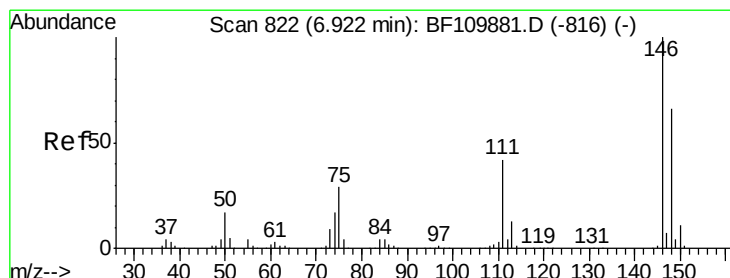
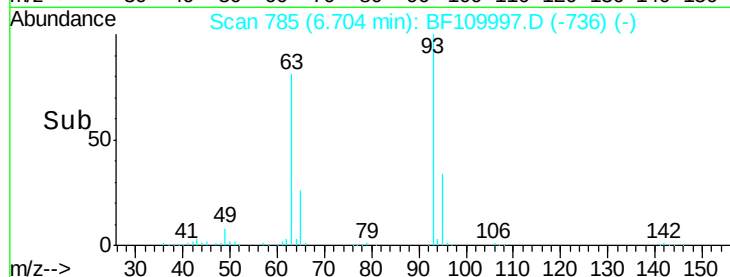
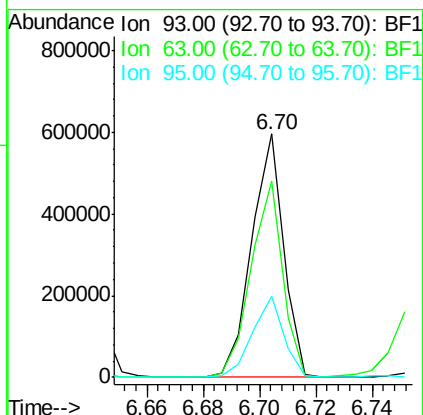
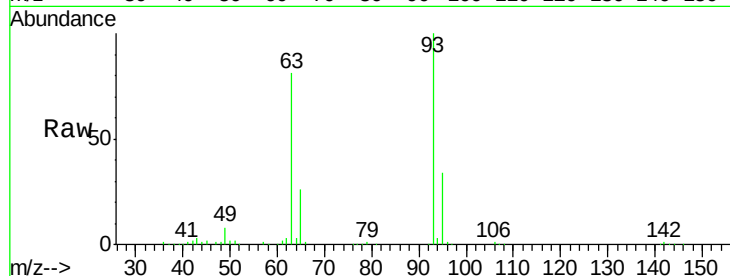




#11
 bis(2-Chloroethyl)ether
 Concen: 38.442 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

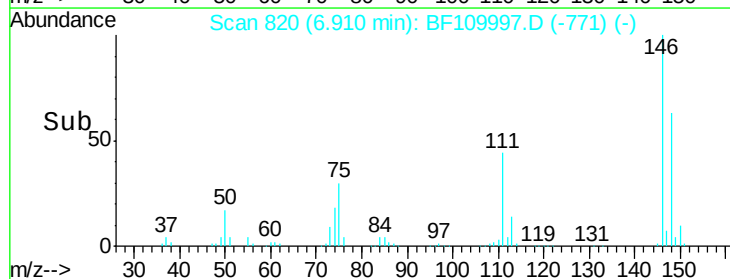
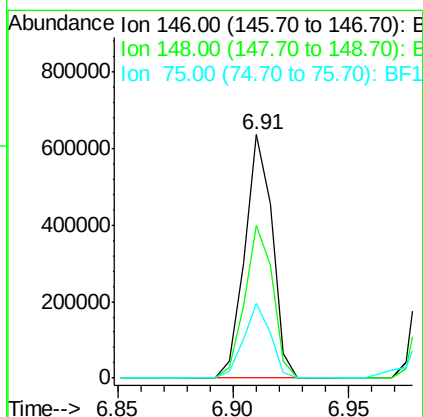
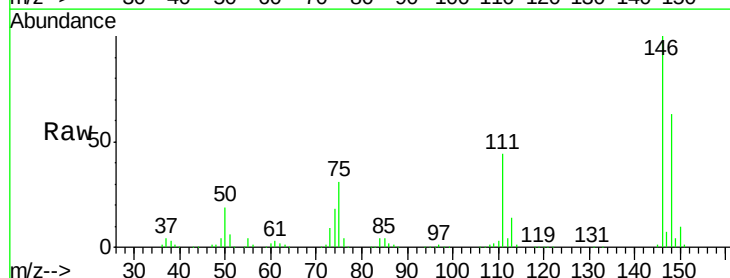
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

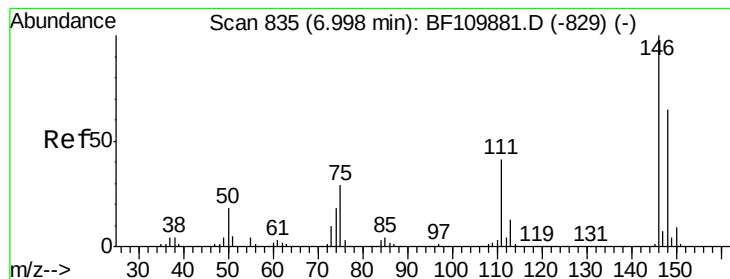
Tgt Ion:	93	Resp:	465999
Ion	Ratio	Lower	Upper
93	100		
63	80.7	53.4	93.4
95	33.5	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 39.997 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:	146	Resp:	531266
Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
75	30.5	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.882 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

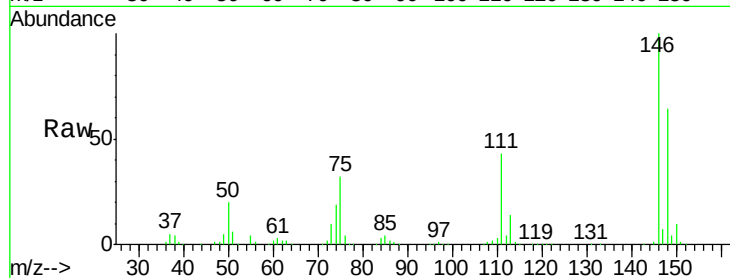
Tgt Ion:146 Resp: 533495

Ion Ratio Lower Upper

146 100

148 63.7 50.3 75.5

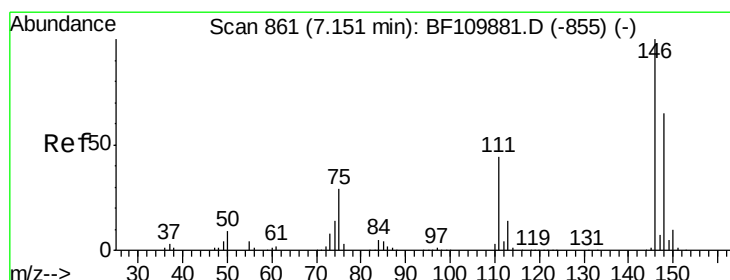
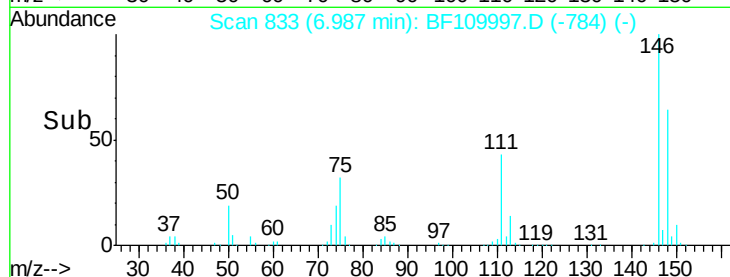
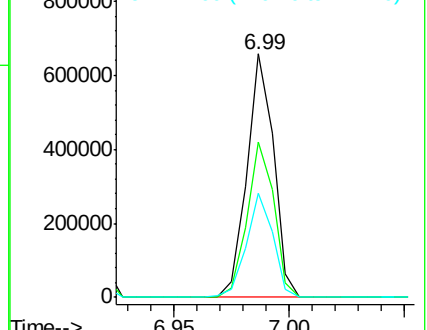
111 42.8 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.466 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

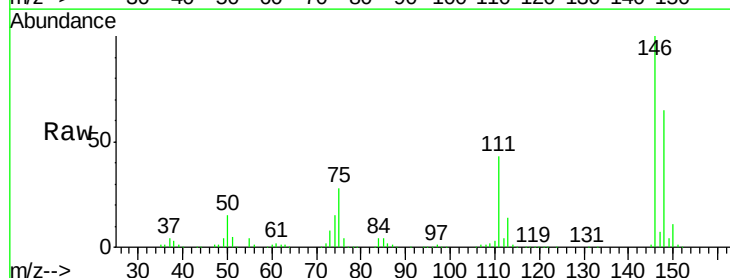
Tgt Ion:146 Resp: 498474

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

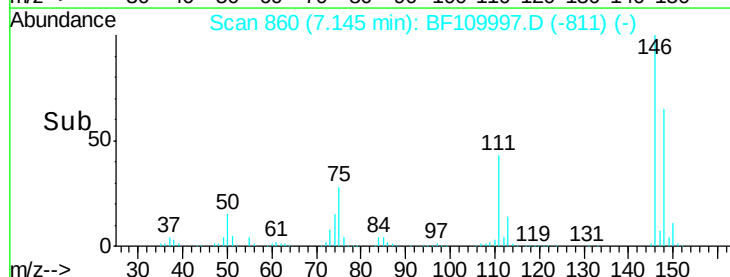
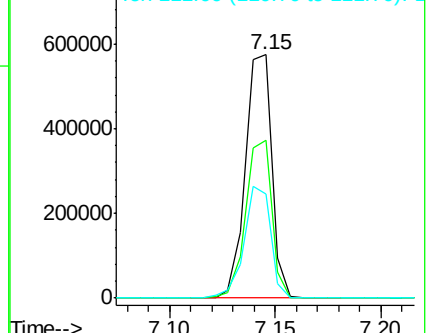
111 42.8 35.8 53.6

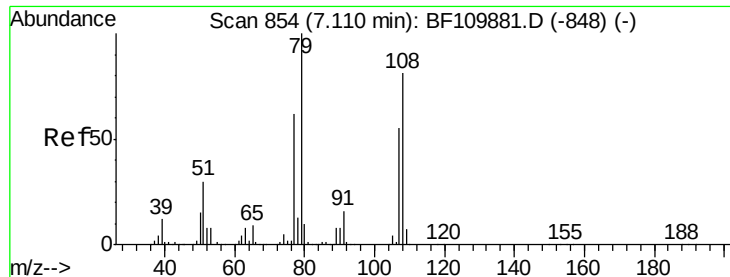


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.749 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

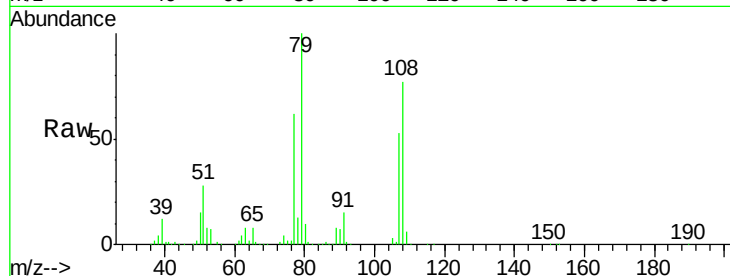
Tgt Ion: 79 Resp: 420968

Ion Ratio Lower Upper

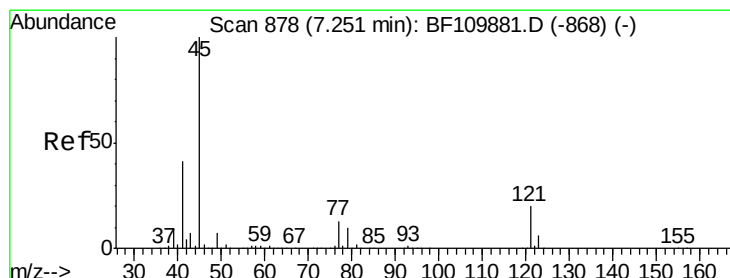
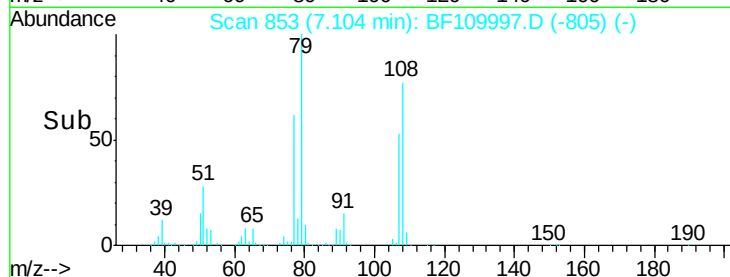
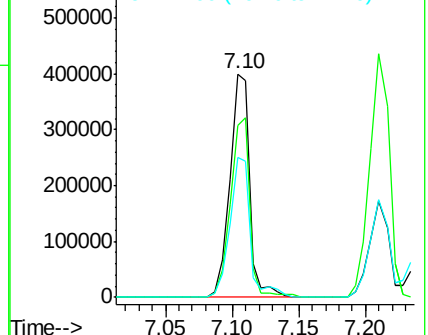
79 100

108 77.1 56.3 84.5

77 62.3 52.9 79.3



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: 38.000 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

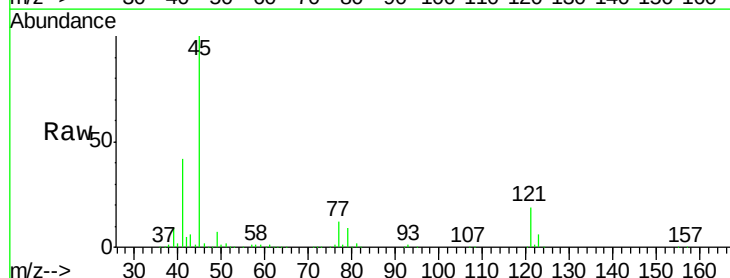
Tgt Ion: 45 Resp: 756069

Ion Ratio Lower Upper

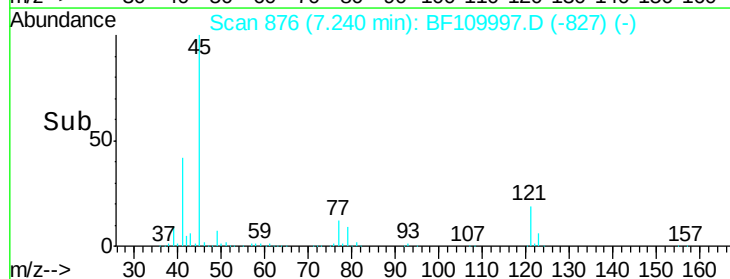
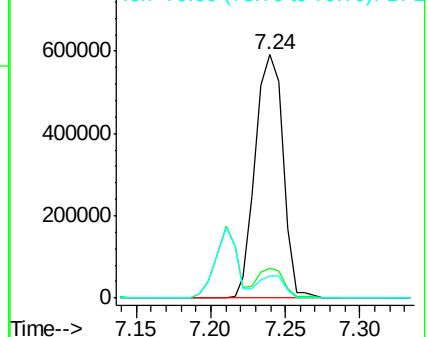
45 100

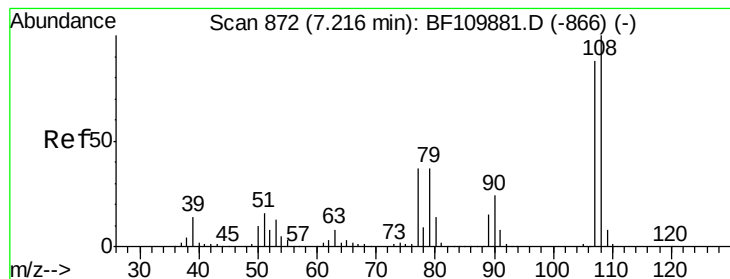
77 12.1 10.0 50.0

79 9.3 6.1 46.1



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: 39.537 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 386187

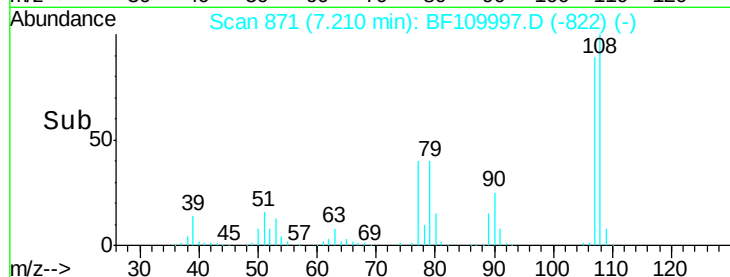
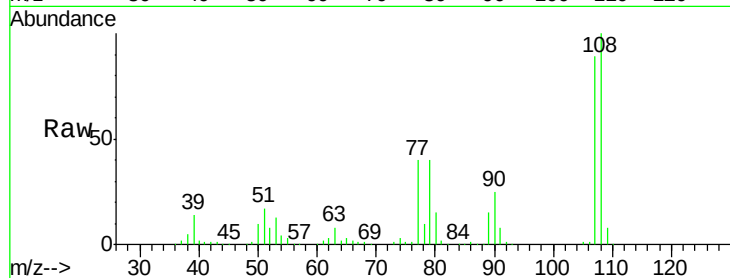
Ion Ratio Lower Upper

107 100

108 112.3 92.6 138.8

77 45.2 59.4 89.2#

79 44.5 54.0 81.0#

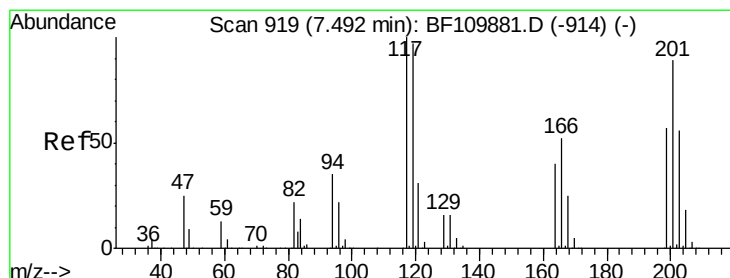
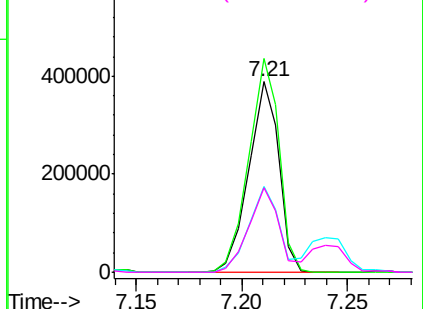


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.392 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

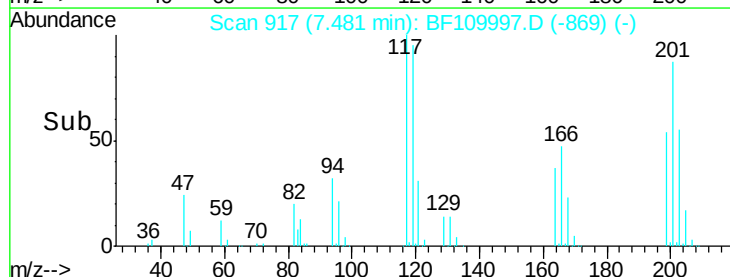
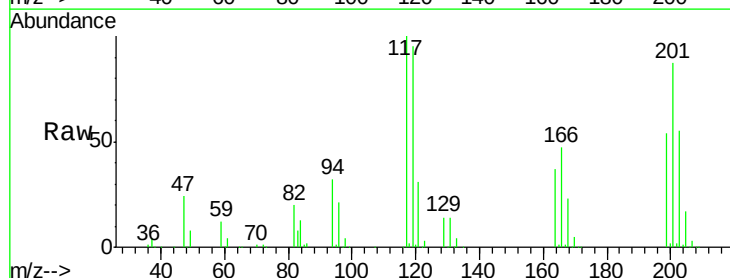
Tgt Ion:117 Resp: 195672

Ion Ratio Lower Upper

117 100

119 94.9 75.0 112.6

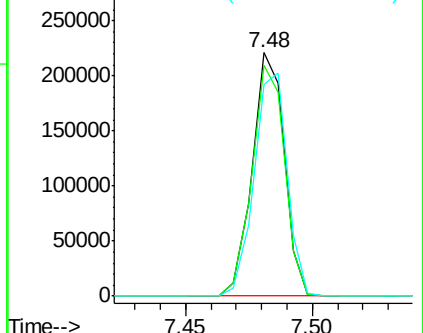
201 87.2 79.2 118.8

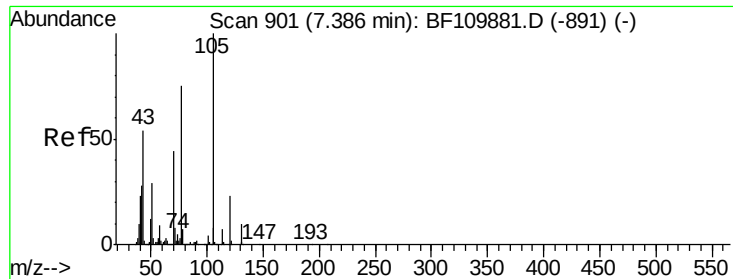


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

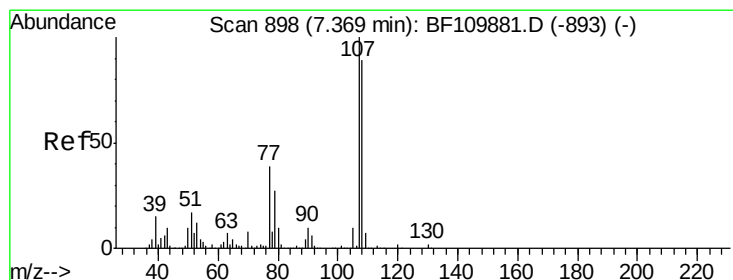
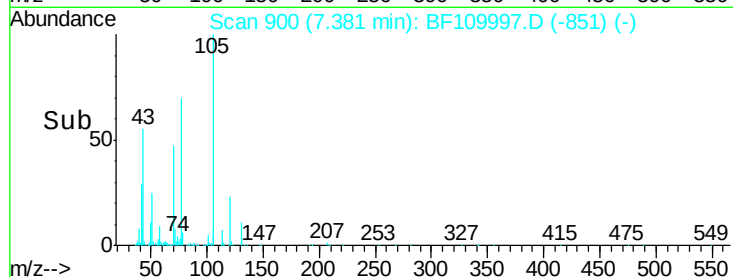
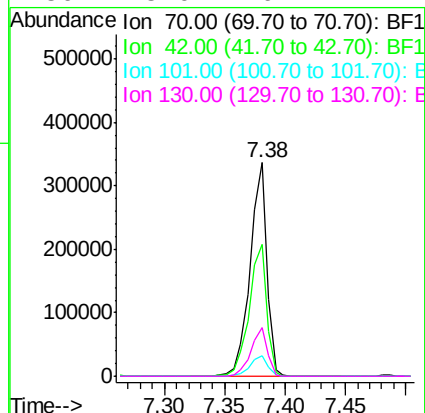
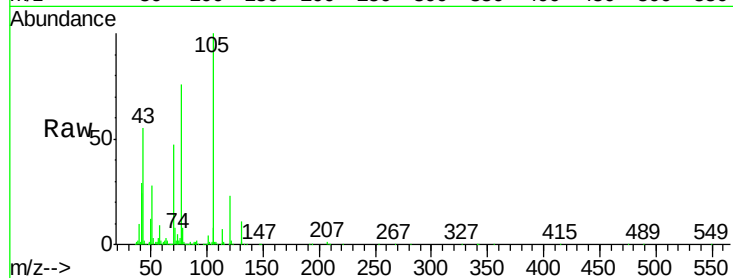




#19
n-Nitroso-di-n-propylamine
Concen: 38.148 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

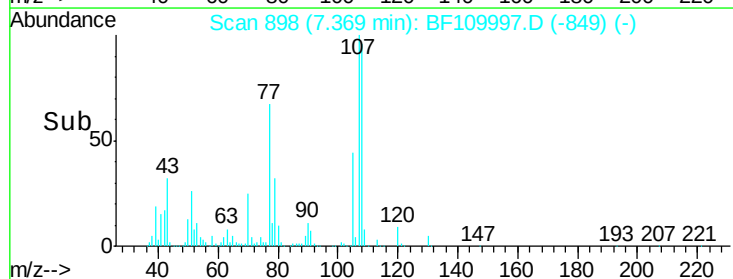
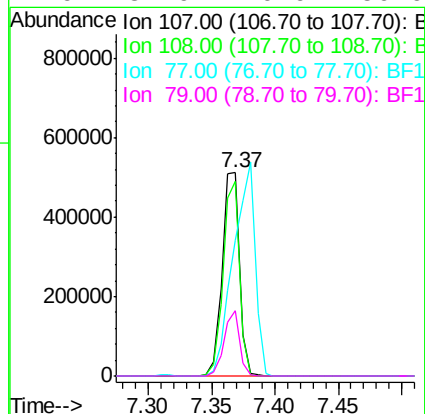
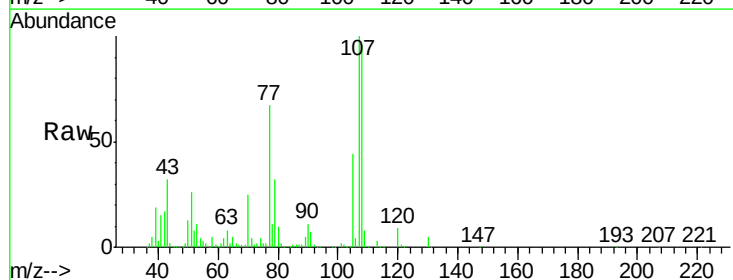
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

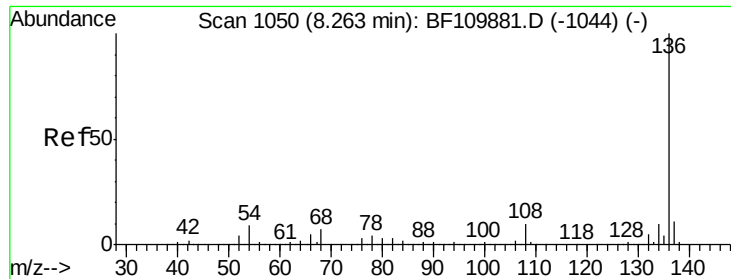
Tgt Ion:	70	Resp:	328905
Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.4	71.2
101	9.5	7.3	10.9
130	23.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.842 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:	107	Resp:	493850
Ion	Ratio	Lower	Upper
107	100		
108	95.6	71.4	111.4
77	66.9	47.3	87.3
79	31.9	10.9	50.9

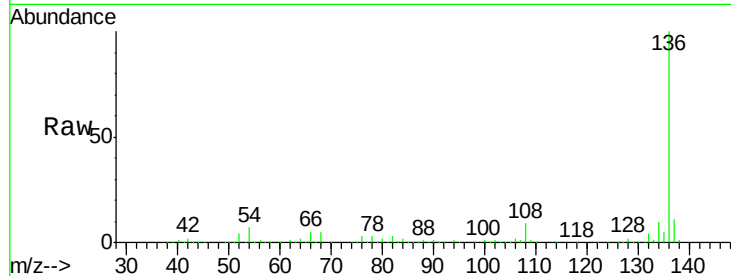




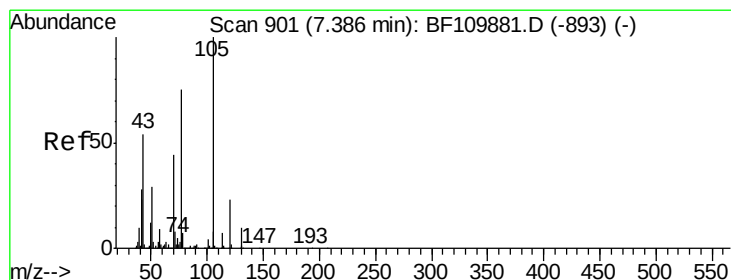
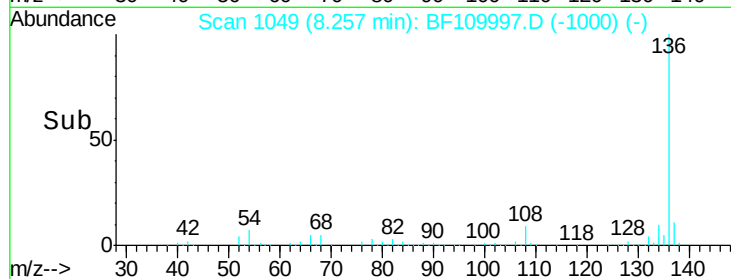
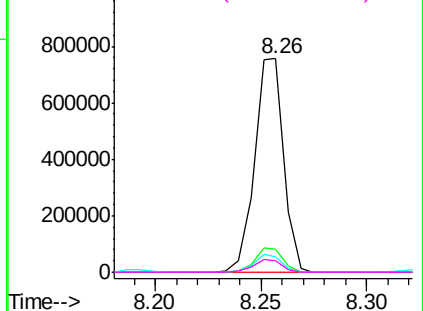
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	720642
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.4	5.4	8.2
68	5.2	4.2	6.2

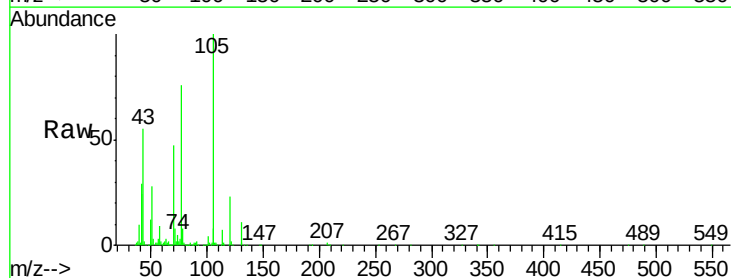


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

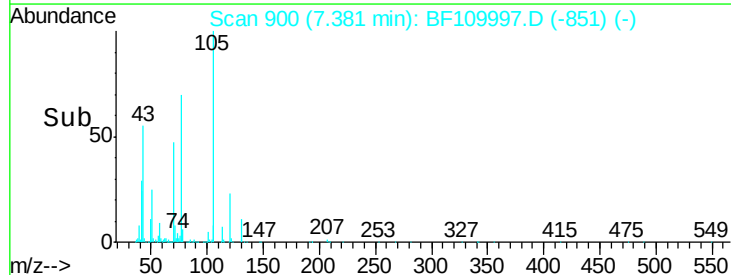
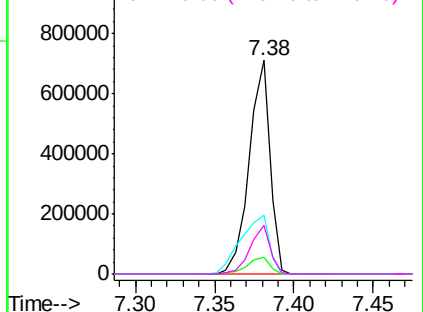


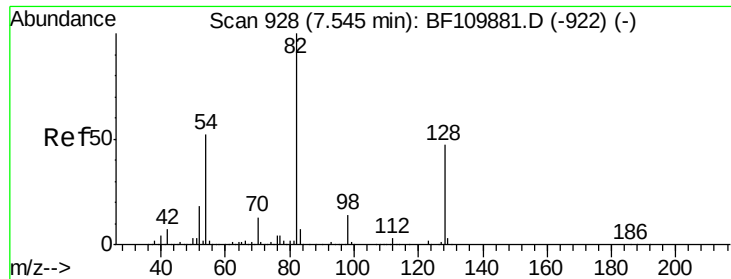
#22
Acetophenone
Concen: 38.503 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:	105	Resp:	643465
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.2	7.8
51	27.5	21.8	32.8
120	22.6	17.0	25.4



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

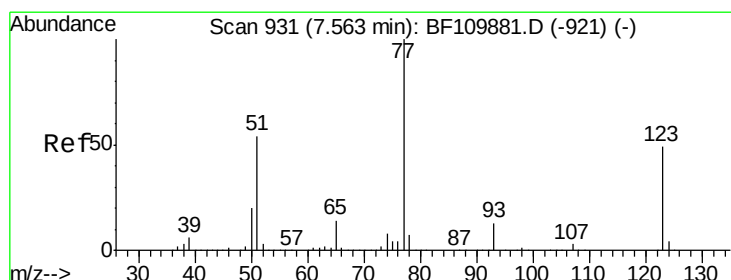
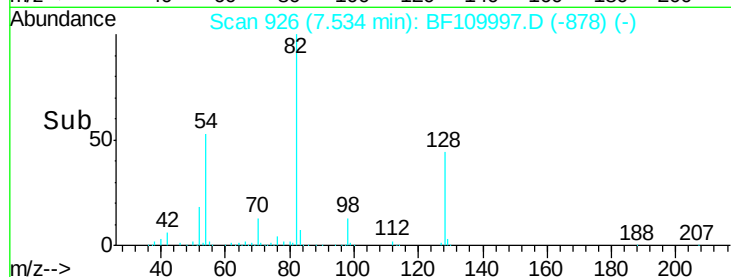
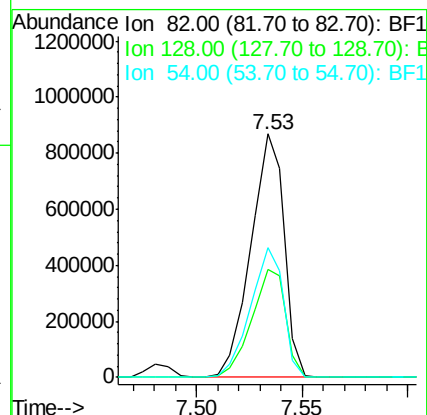
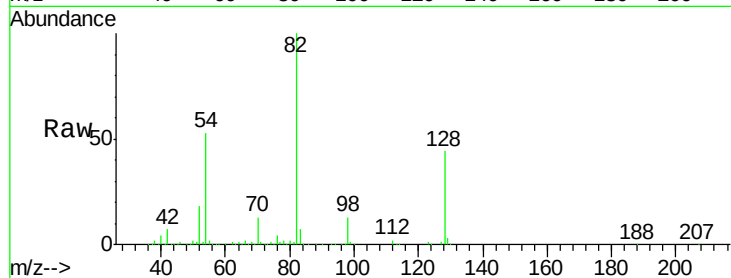




#23
 Nitrobenzene-d5
 Concen: 88.759 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

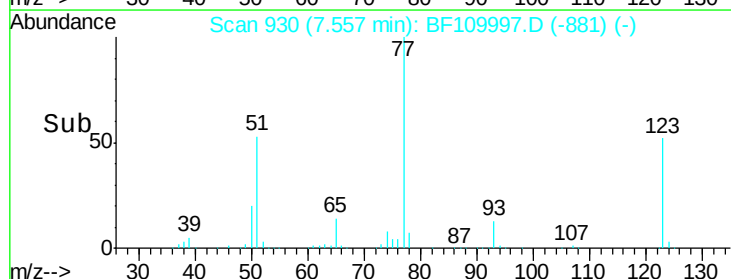
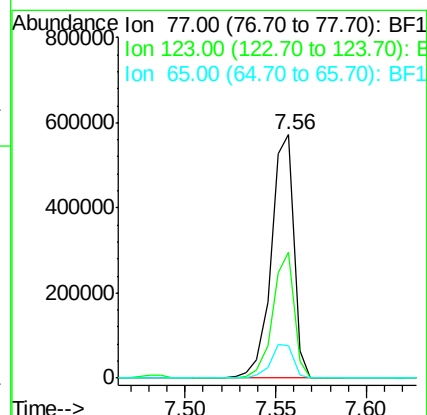
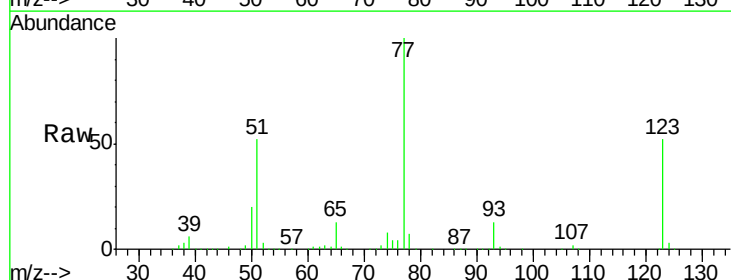
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

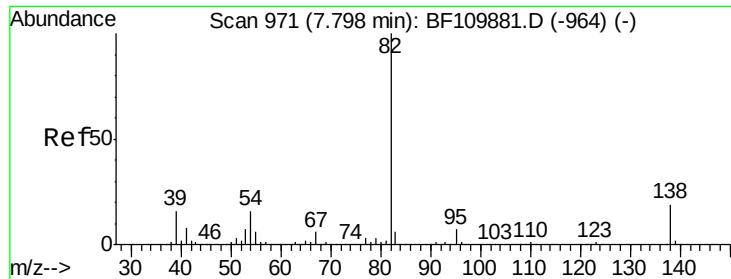
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.1	38.6	58.0



#24
 Nitrobenzene
 Concen: 42.667 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.6	35.7	53.5
65	13.4	10.7	16.1





#25

Isophorone

Concen: 37.507 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

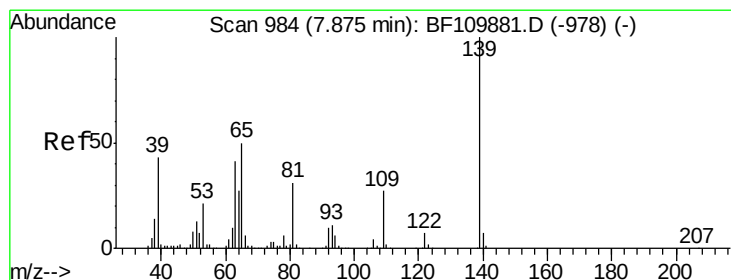
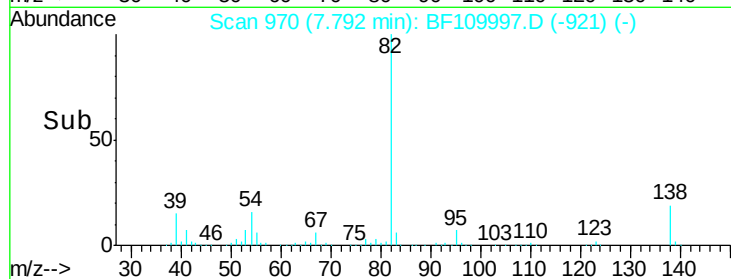
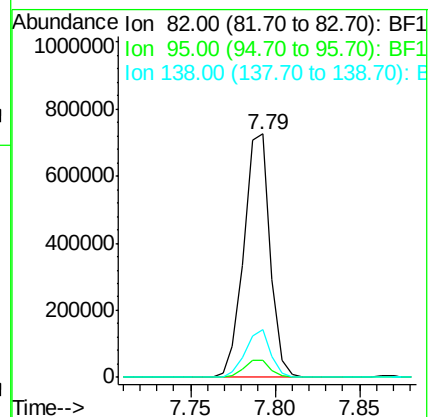
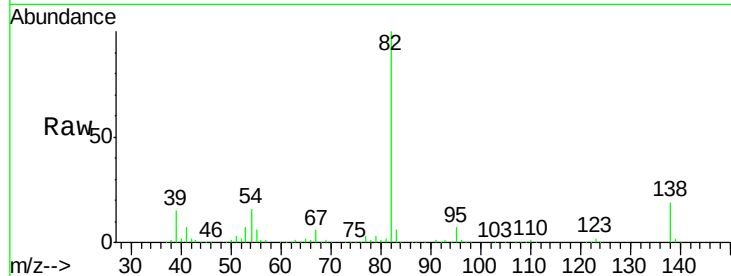
Tgt Ion: 82 Resp: 788393

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 19.4 13.2 19.8



#26

2-Nitrophenol

Concen: 50.496 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

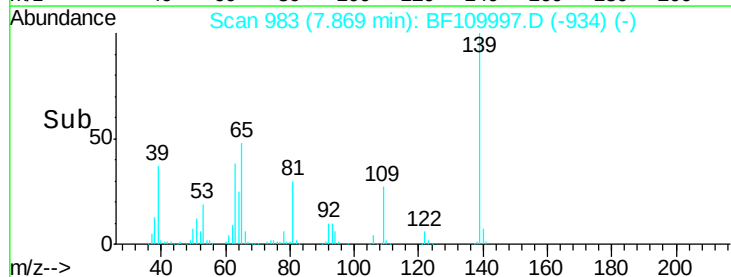
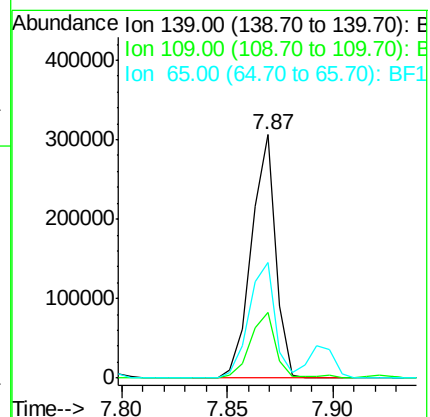
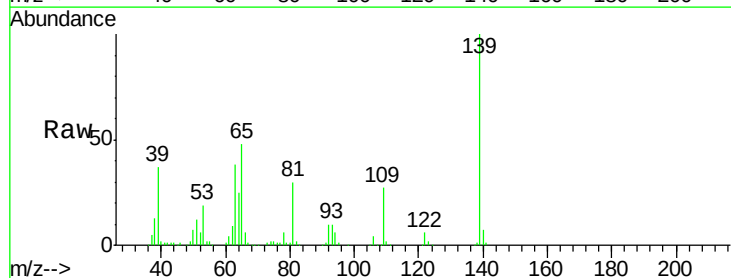
Tgt Ion: 139 Resp: 243314

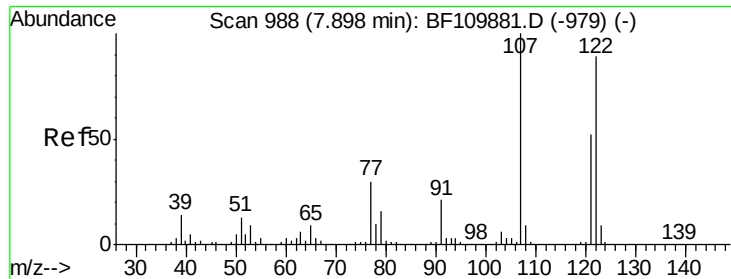
Ion Ratio Lower Upper

139 100

109 27.2 25.0 37.6

65 47.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.448 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

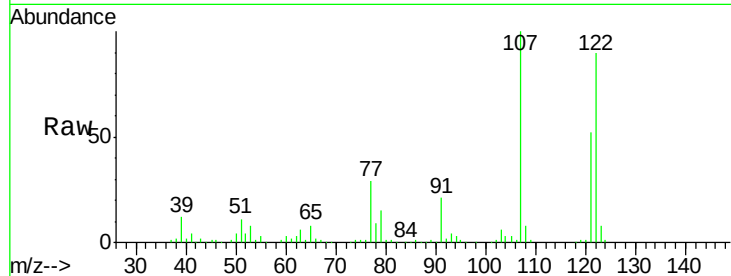
Tgt Ion:122 Resp: 389279

Ion Ratio Lower Upper

122 100

107 111.7 92.5 138.7

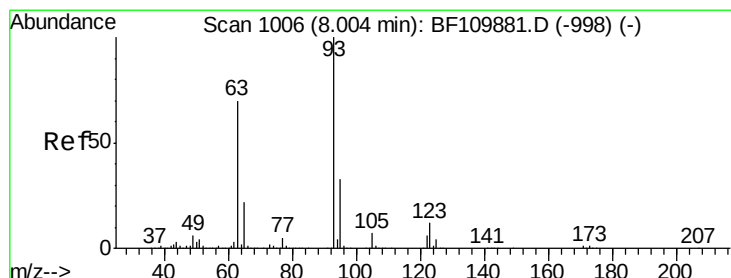
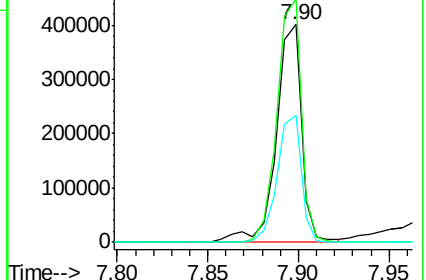
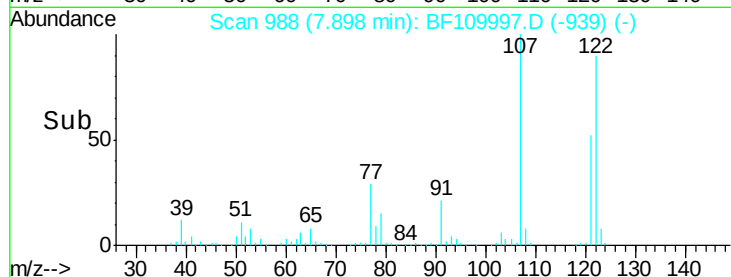
121 58.5 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.271 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

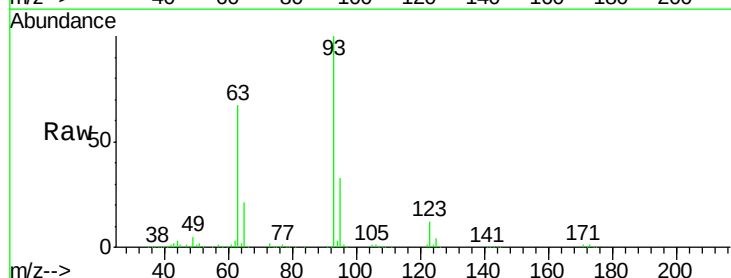
Tgt Ion: 93 Resp: 552096

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

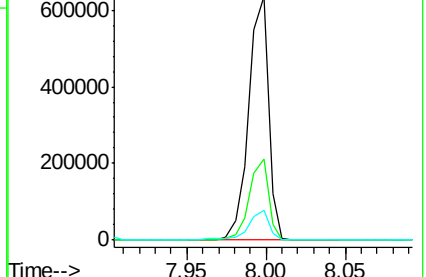
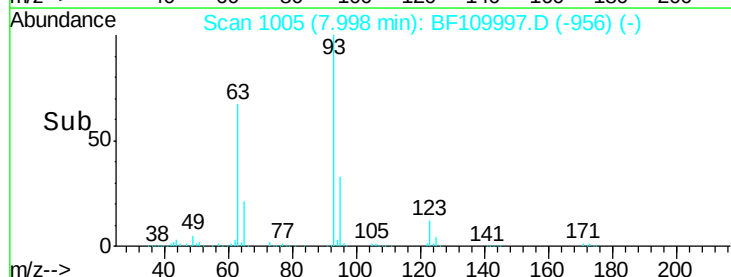
123 12.0 9.0 13.6

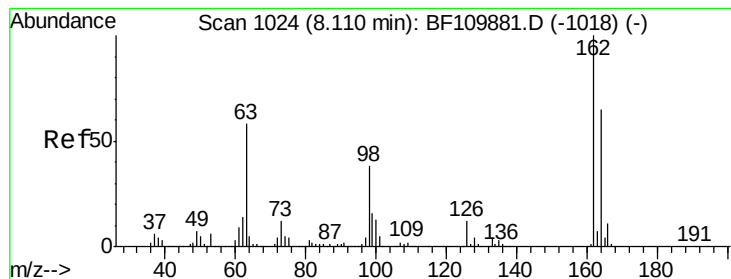


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.655 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

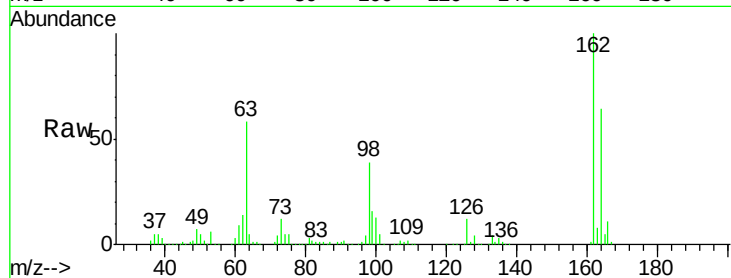
Tgt Ion:162 Resp: 399309

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

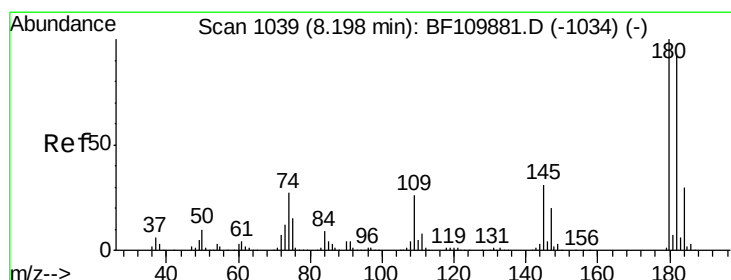
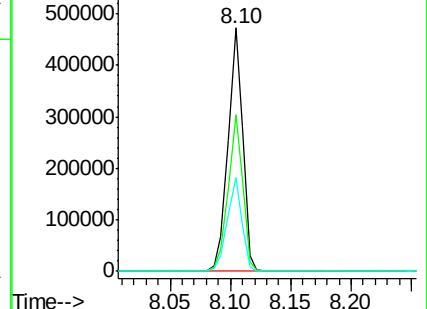
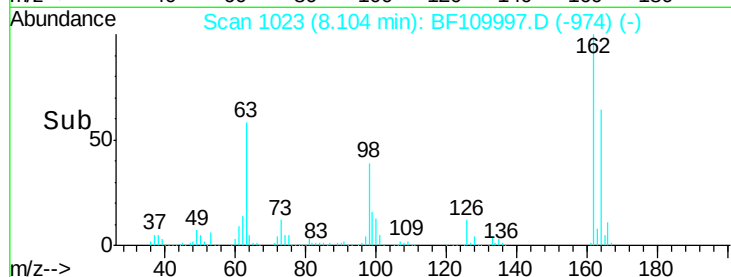
98 38.7 17.4 57.4



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: 40.103 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

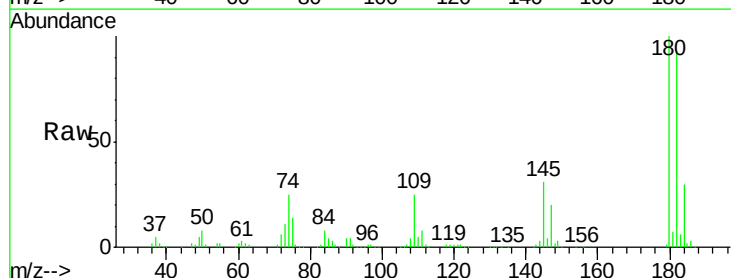
Tgt Ion:180 Resp: 441025

Ion Ratio Lower Upper

180 100

182 93.1 80.3 120.5

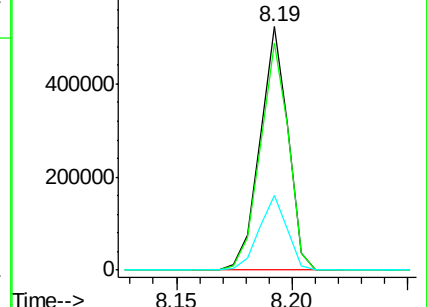
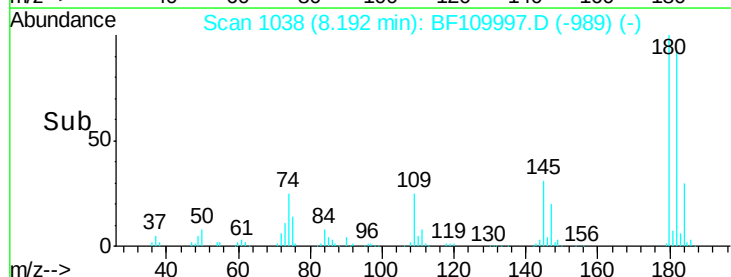
145 30.9 25.4 38.0

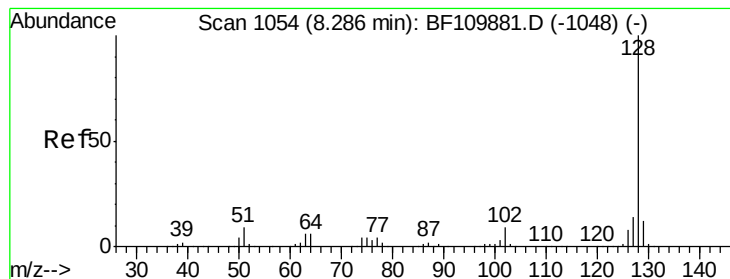


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.067 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

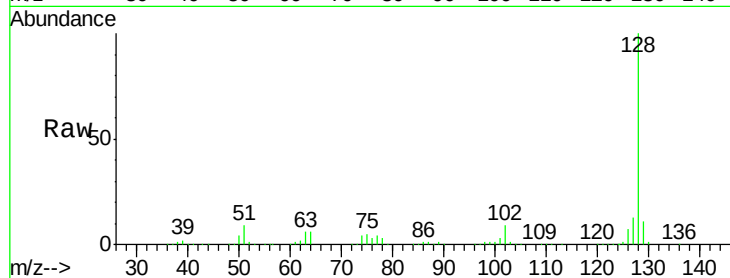
Tgt Ion:128 Resp: 1290998

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

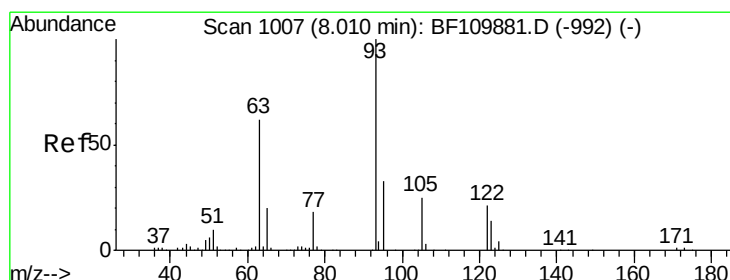
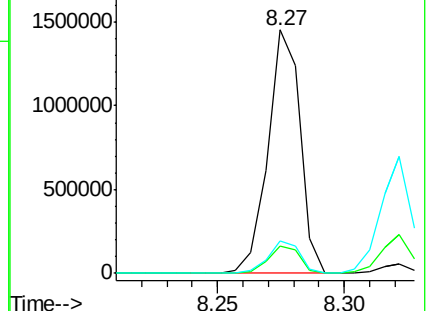
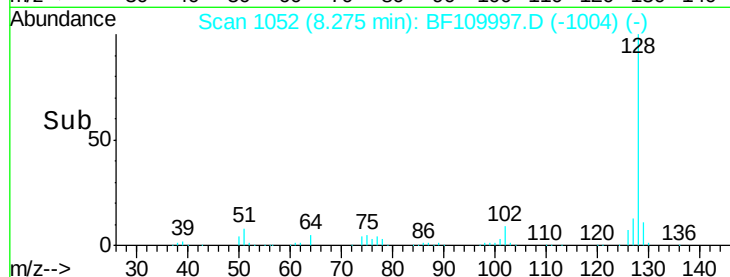
127 13.5 10.8 16.2



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: 12.381 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

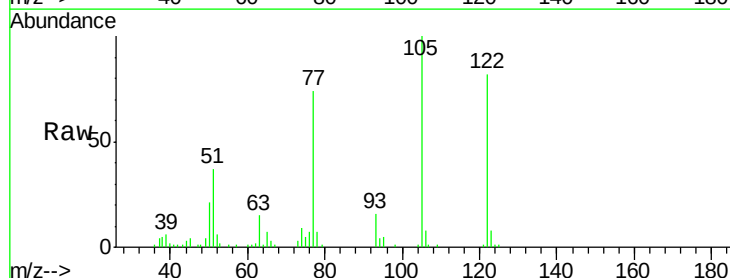
Tgt Ion:122 Resp: 78105

Ion Ratio Lower Upper

122 100

105 121.7 109.0 149.0

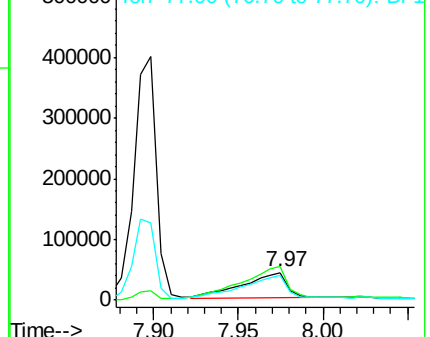
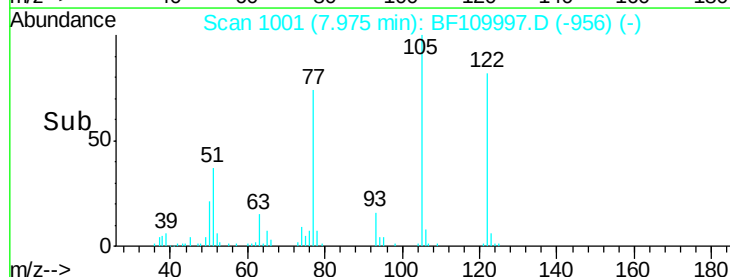
77 90.2 79.0 119.0

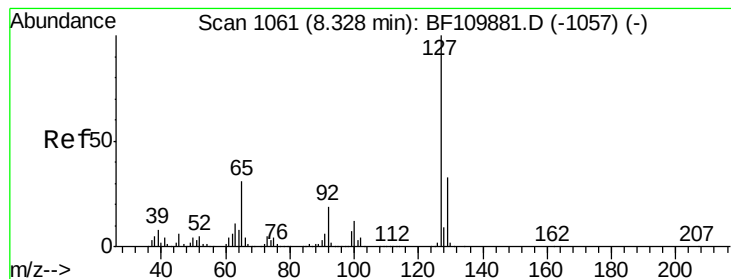


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

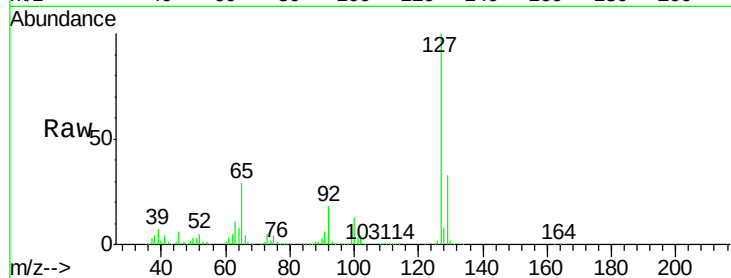




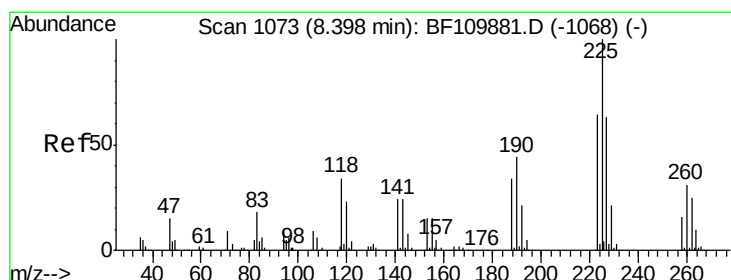
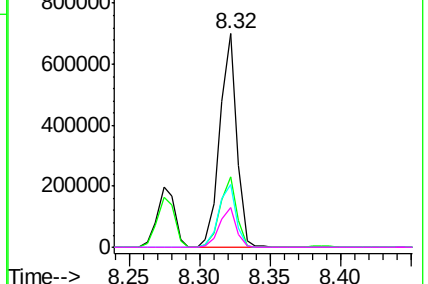
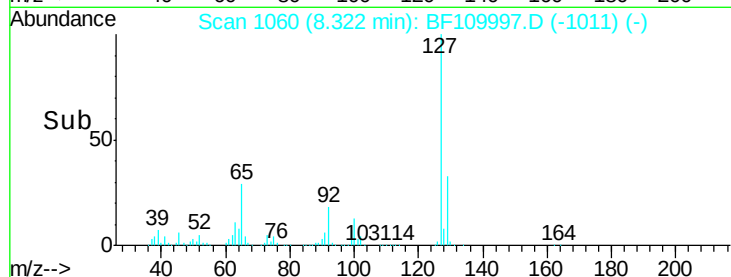
#33
 4-Chloroaniline
 Concen: 39.255 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	583126
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	29.5	25.1	37.7
92	18.3	15.0	22.6

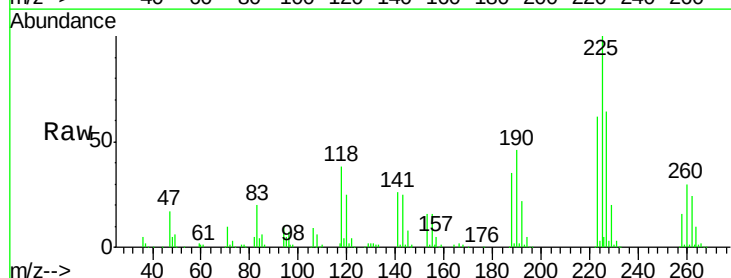


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

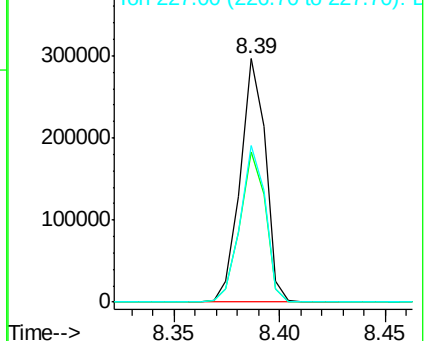
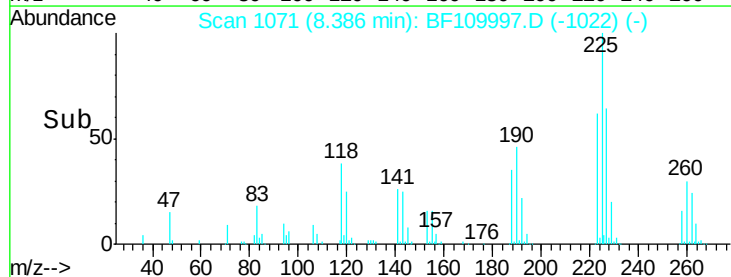


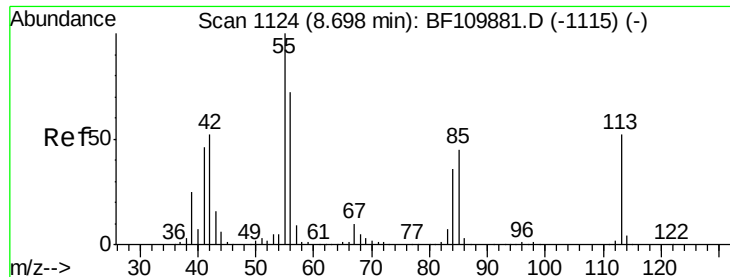
#34
 Hexachlorobutadiene
 Concen: 40.355 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:	225	Resp:	244724
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.4	77.2
227	64.2	51.0	76.6



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

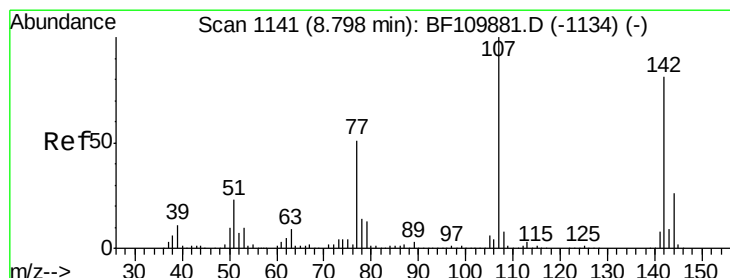
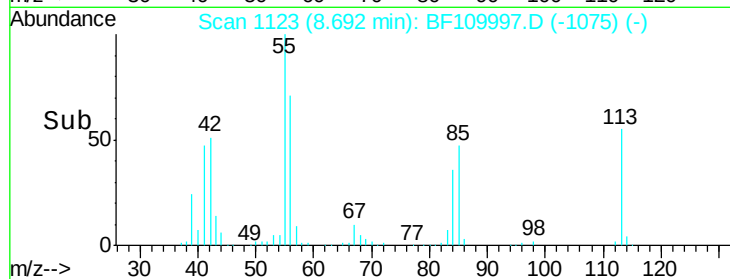
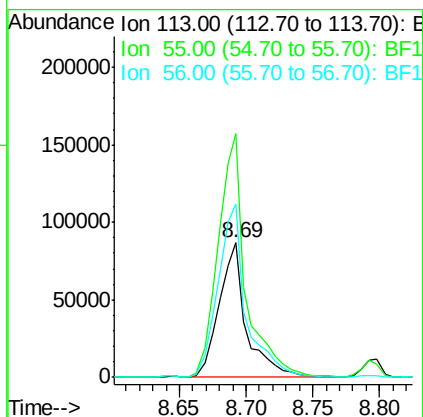
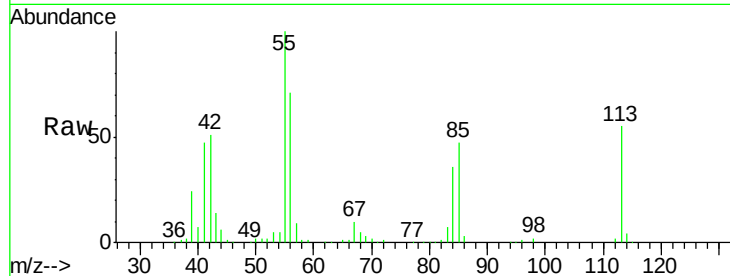




#35
 Caprolactam
 Concen: 35.642 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

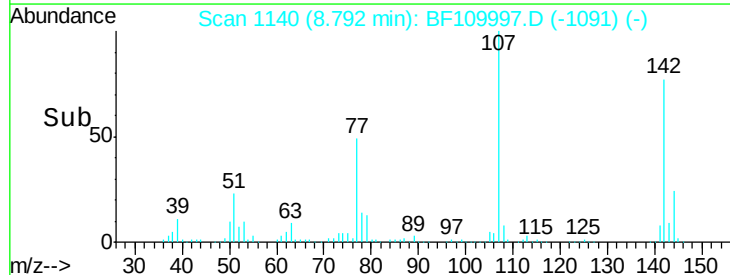
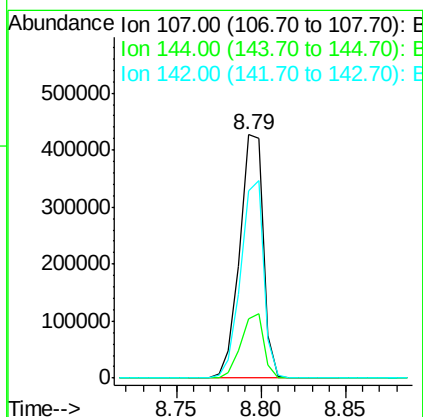
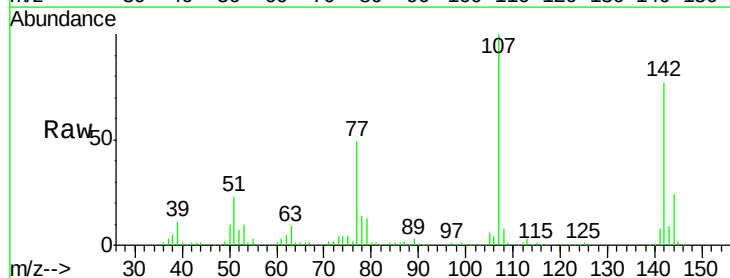
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

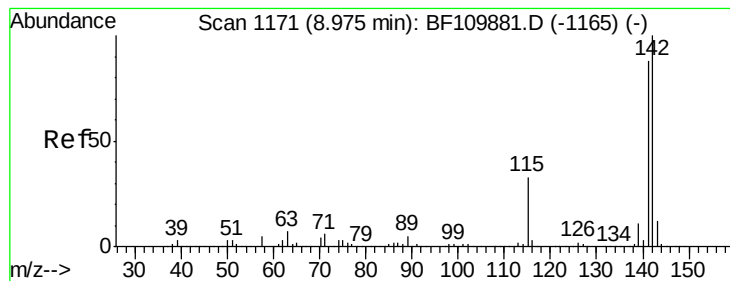
Tgt Ion:113 Resp: 124327
 Ion Ratio Lower Upper
 113 100
 55 181.1 142.8 182.8
 56 128.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.224 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:107 Resp: 416773
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 77.1 59.7 89.5





#37

2-Methylnaphthalene

Concen: 39.291 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

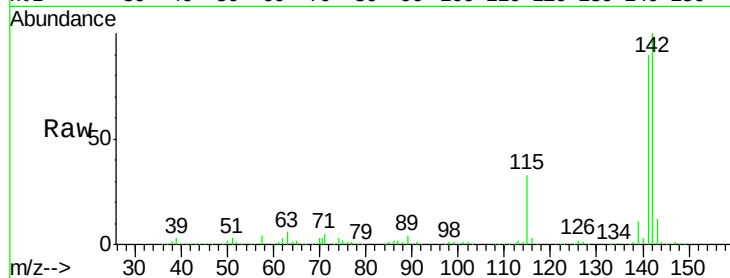
Tgt Ion:142 Resp: 840765

Ion Ratio Lower Upper

142 100

141 90.3 71.4 107.2

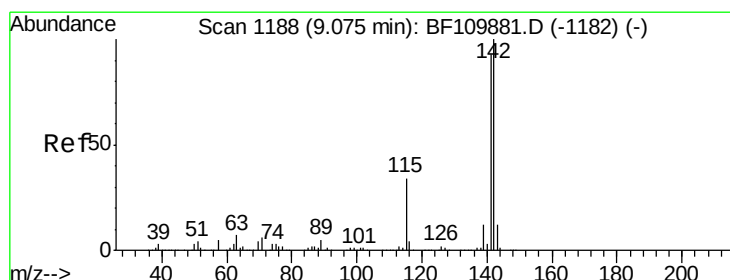
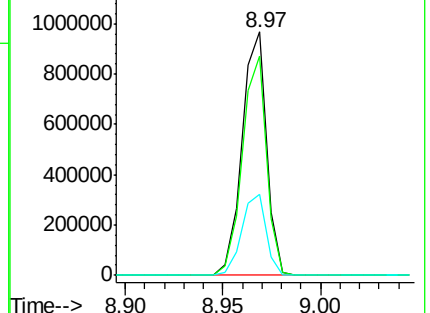
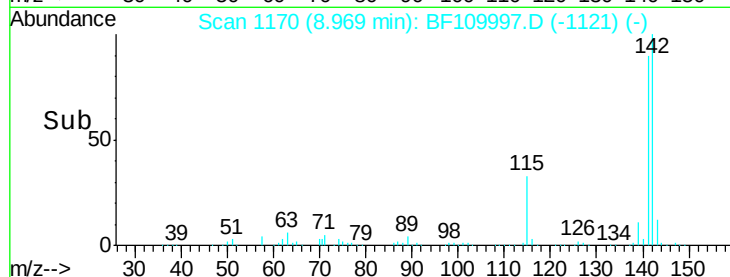
115 33.1 28.7 43.1



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

1-Methylnaphthalene

Concen: 39.119 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

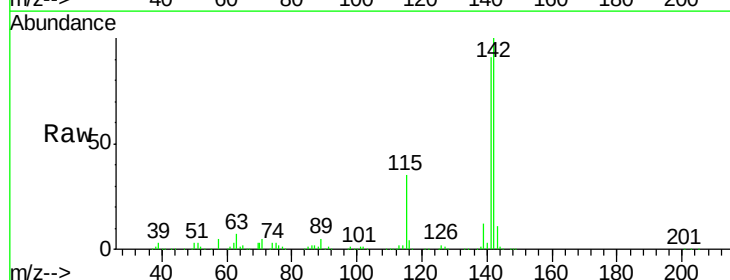
Tgt Ion:142 Resp: 811134

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.4

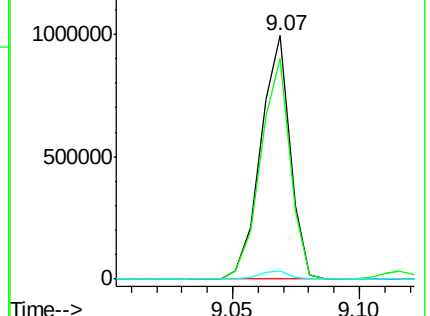
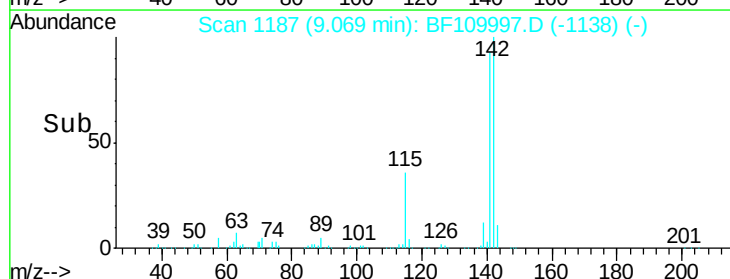
116 3.5 2.6 4.0

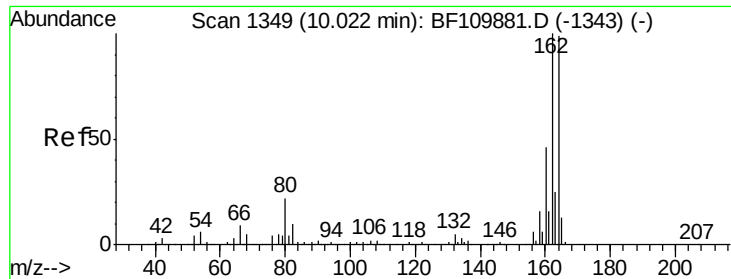


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

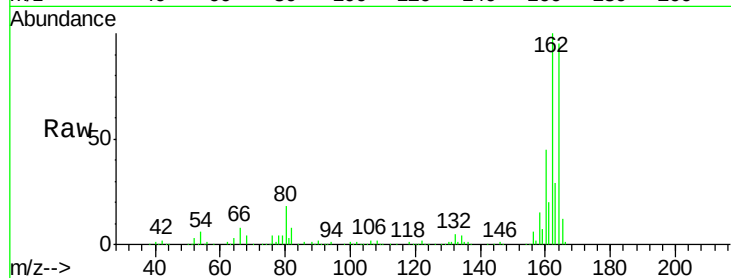
Tgt Ion:164 Resp: 331104

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

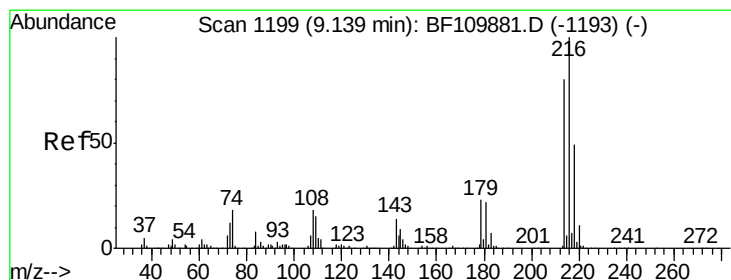
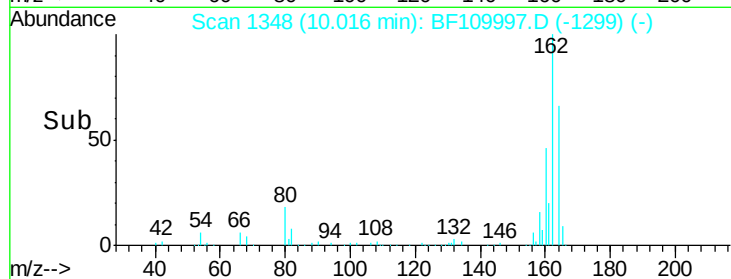
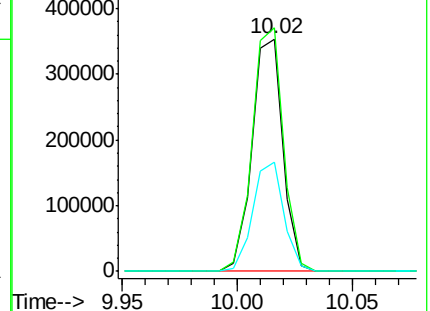
160 47.1 37.0 55.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.438 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Tgt Ion:216 Resp: 412400

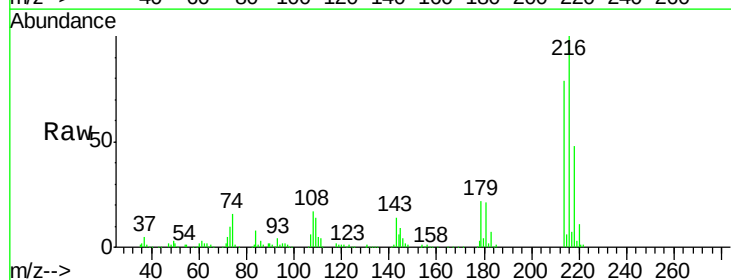
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 22.5 16.6 25.0

108 19.8 15.1 22.7

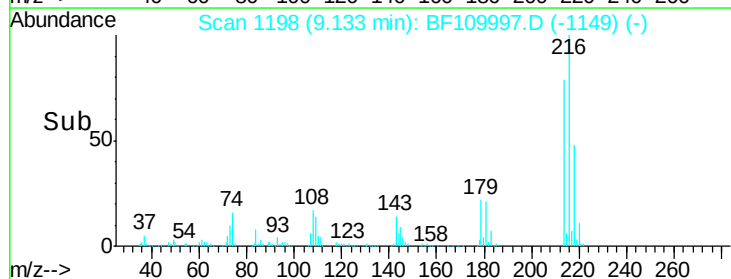
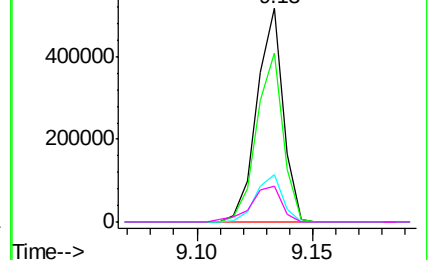


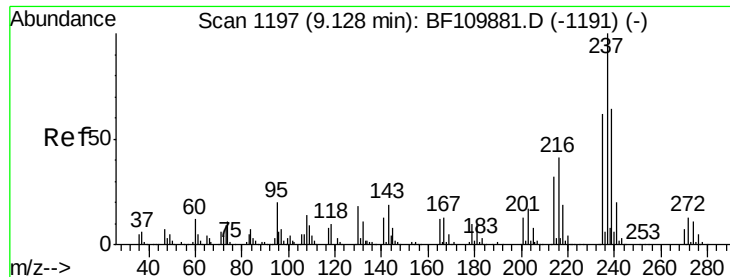
Abundance Ion 216.00 (215.70 to 216.70): E

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

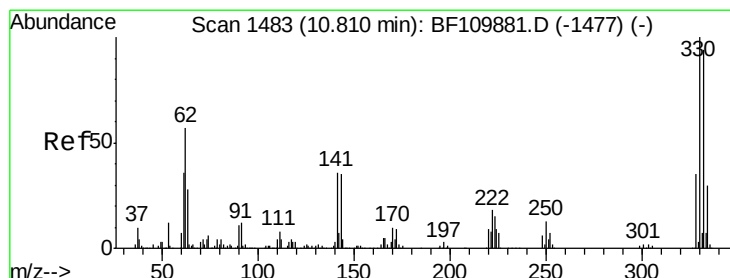
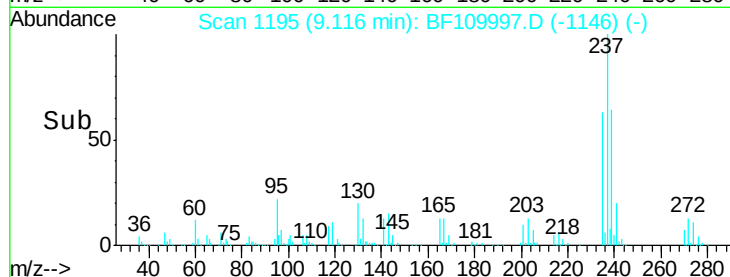
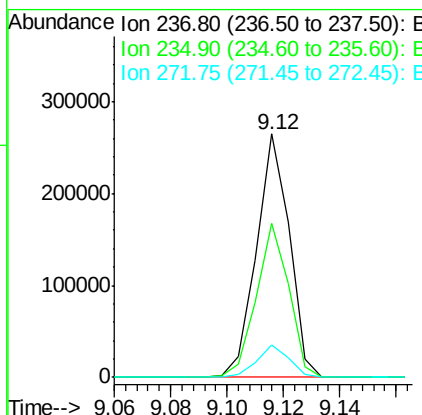
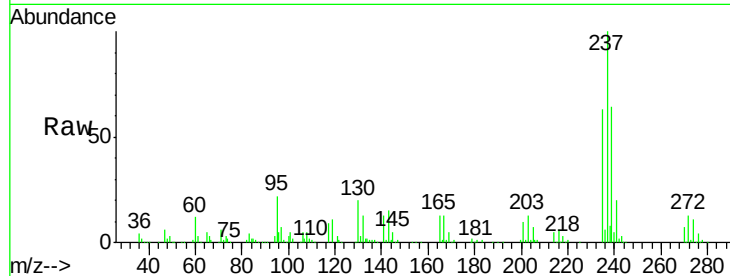




#41
 Hexachlorocyclopentadiene
 Concen: 43.526 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

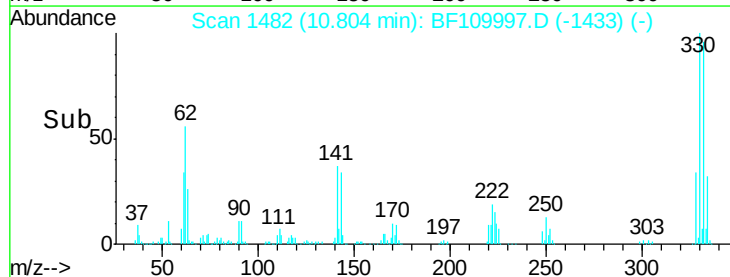
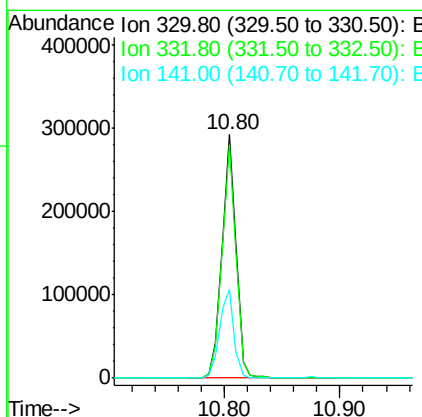
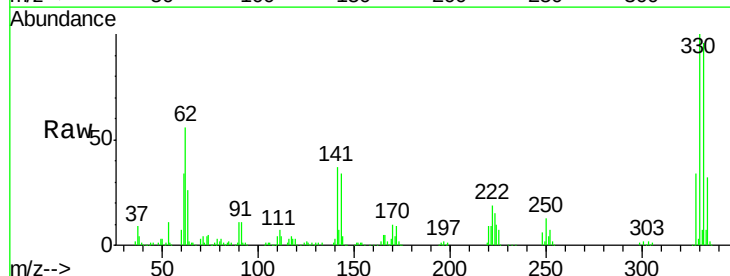
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

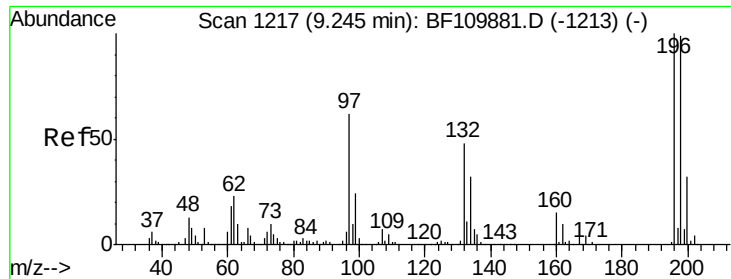
Tgt Ion:	237	Resp:	214247
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.1	83.1
272	13.4	0.0	32.6



#42
 2,4,6-Tribromophenol
 Concen: 87.074 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:	330	Resp:	249608
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	37.0	27.0	40.4

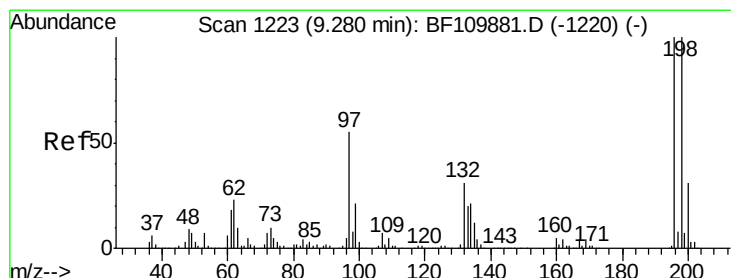
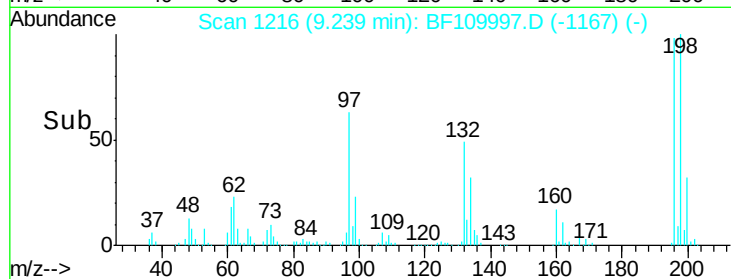
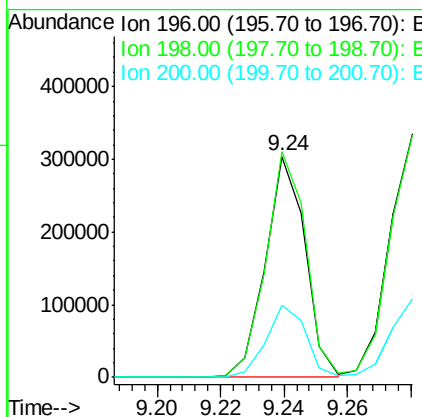
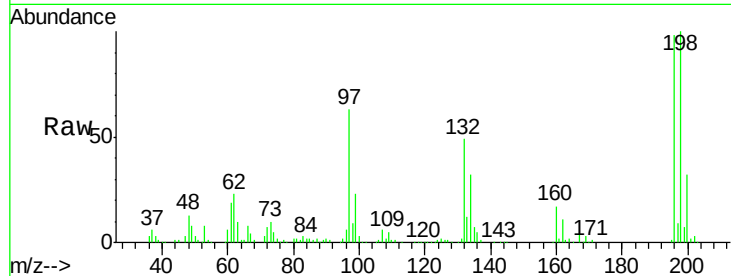




#43
 2,4,6-Trichlorophenol
 Concen: 41.658 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

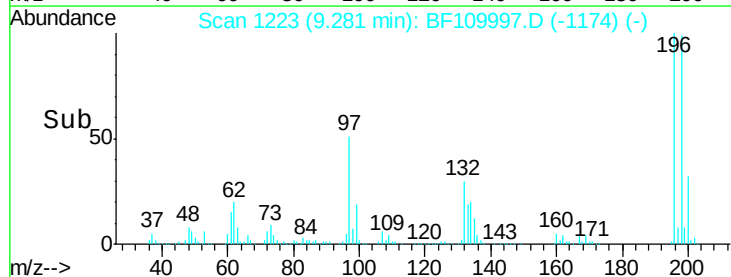
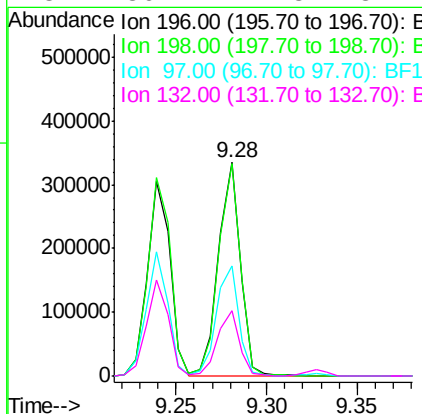
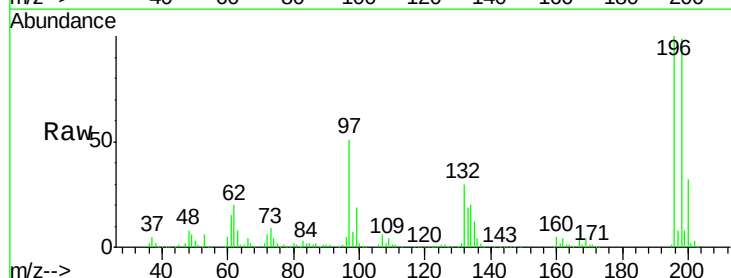
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

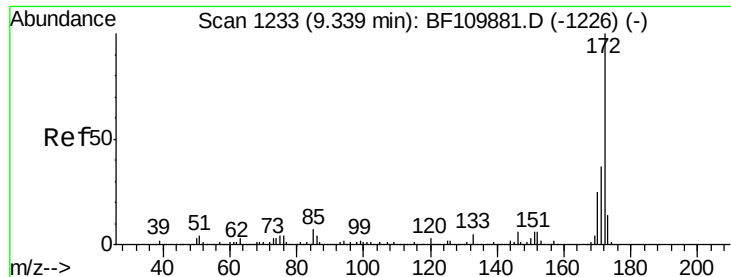
Tgt Ion:196 Resp: 265651
 Ion Ratio Lower Upper
 196 100
 198 102.0 76.2 114.4
 200 32.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.653 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:196 Resp: 282297
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.8 113.6
 97 51.4 42.4 63.6
 132 30.4 22.8 34.2

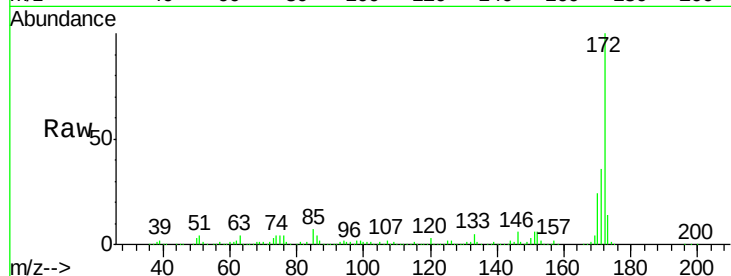




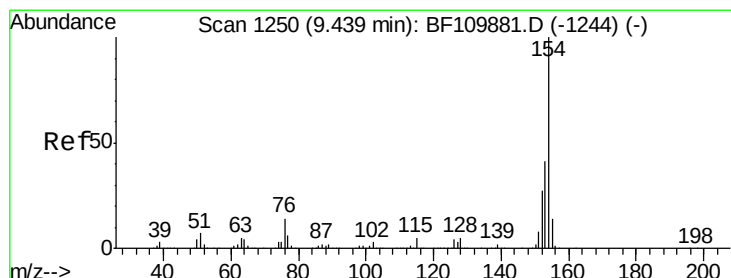
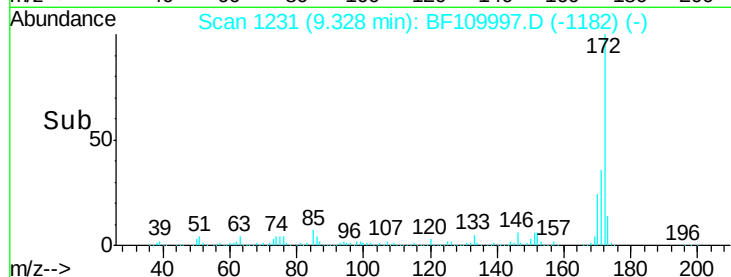
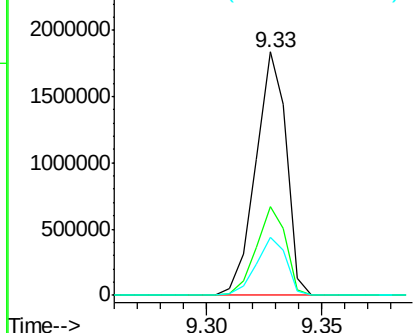
#45
 2-Fluorobiphenyl
 Concen: 81.916 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 1699795
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.0 19.7 29.5

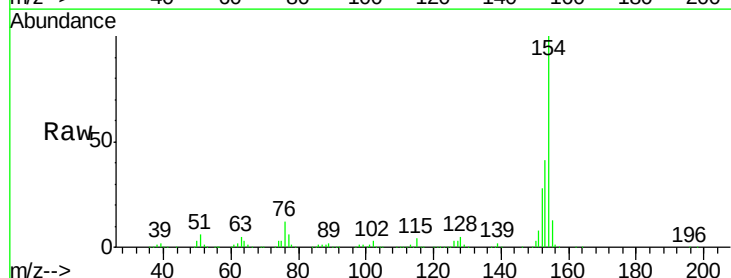


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

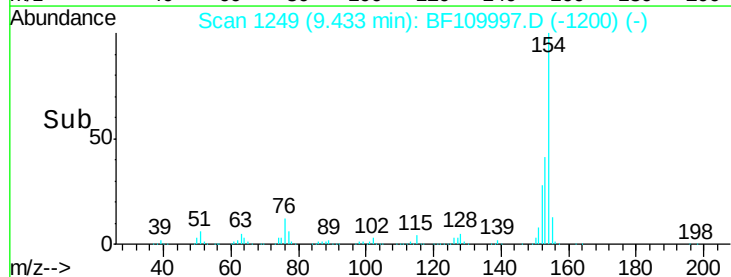
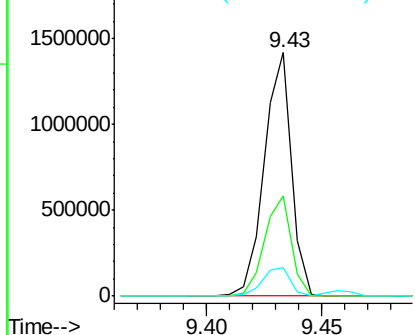


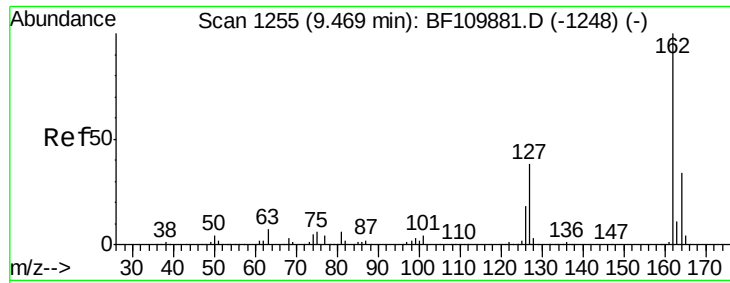
#46
 1,1'-Biphenyl
 Concen: 39.289 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:154 Resp: 1159039
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.4 60.4
 76 11.6 0.0 31.9



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

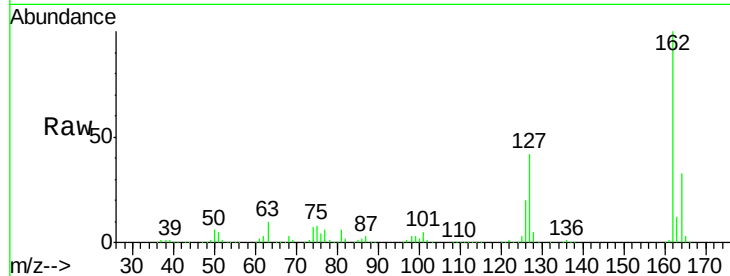




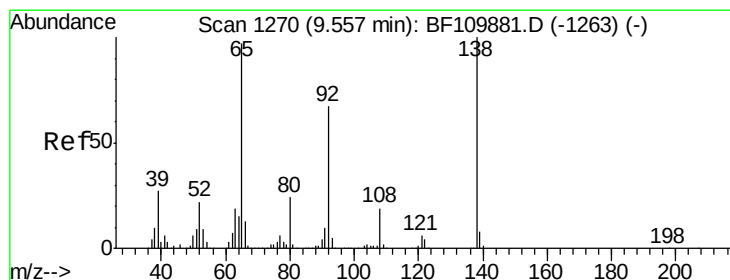
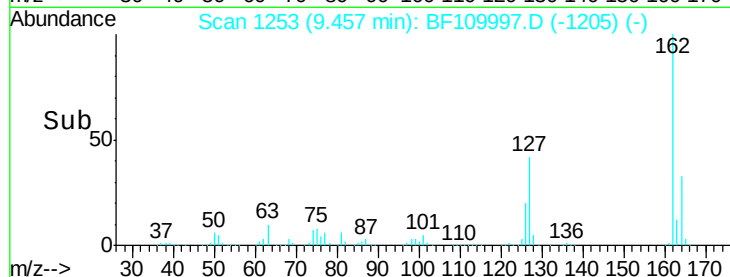
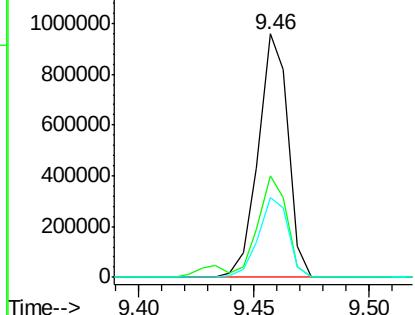
#47
 2-Chloronaphthalene
 Concen: 39.791 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 864643
 Ion Ratio Lower Upper
 162 100
 127 41.7 32.6 48.8
 164 33.0 25.9 38.9

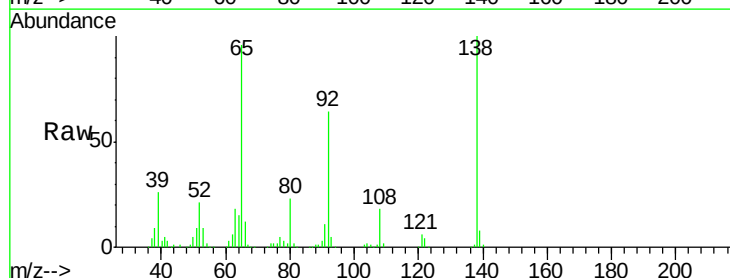


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

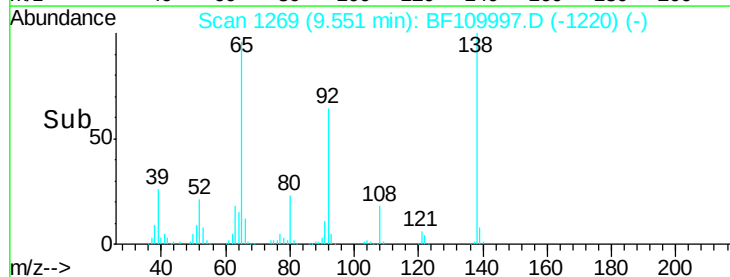
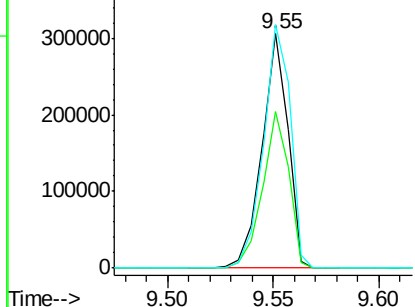


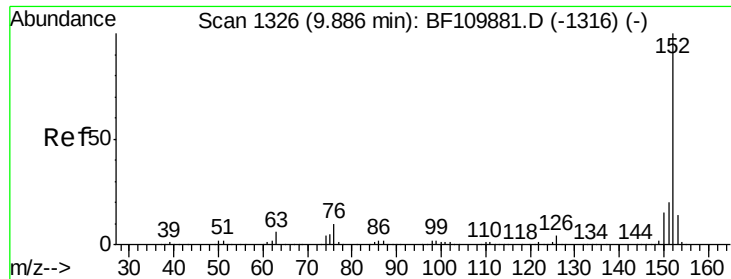
#48
 2-Nitroaniline
 Concen: 46.780 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion: 65 Resp: 260869
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.6 81.8
 138 103.9 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.484 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

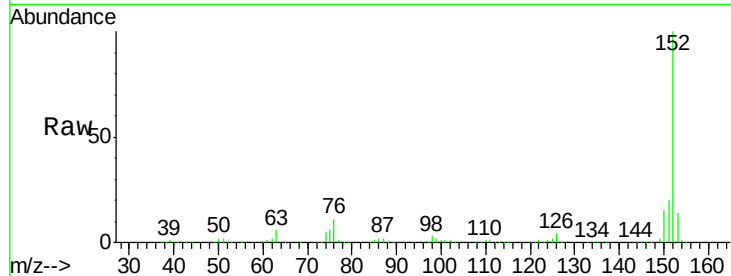
Tgt Ion:152 Resp: 1246407

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

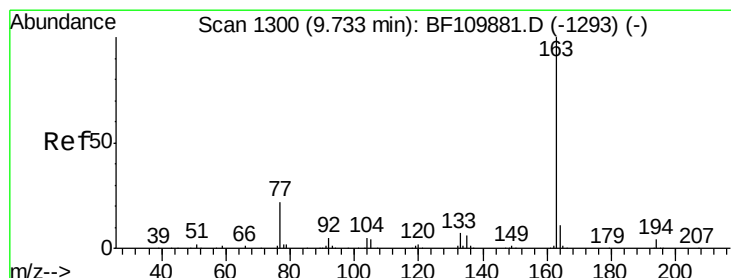
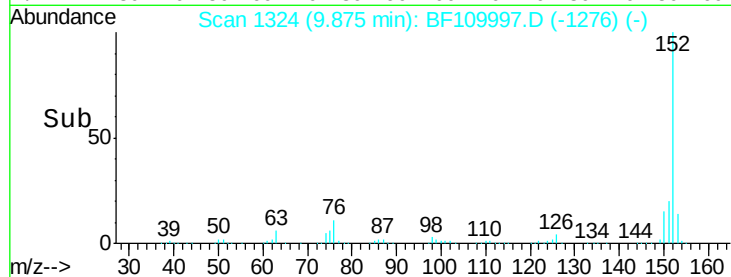
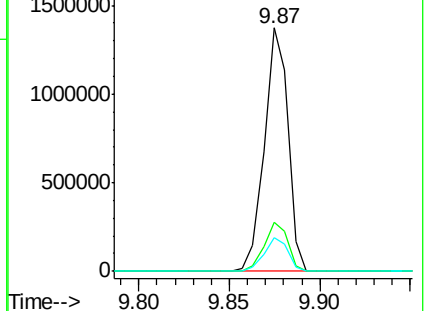
153 13.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.554 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

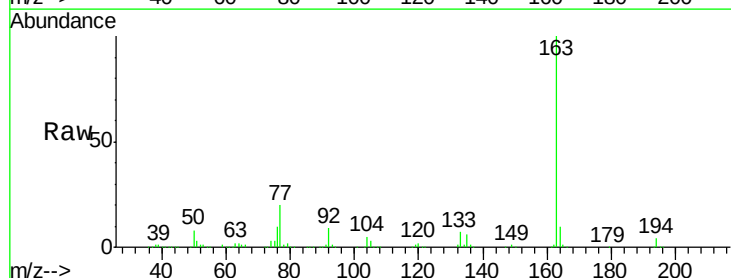
Tgt Ion:163 Resp: 927351

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

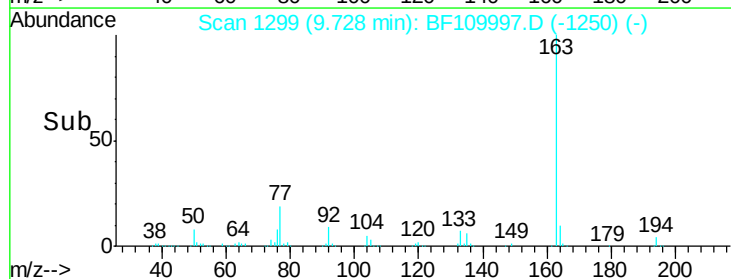
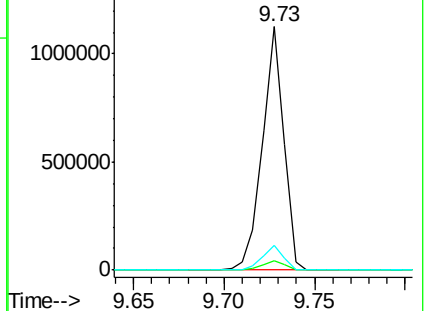
164 10.2 8.1 12.1

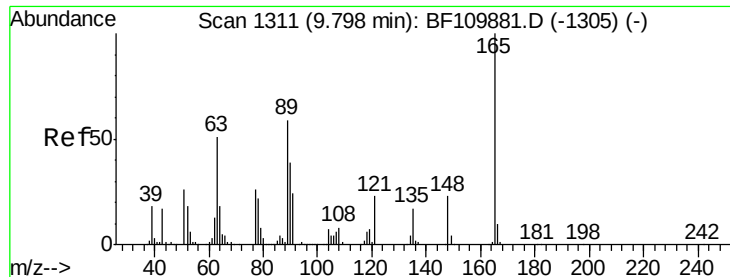


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

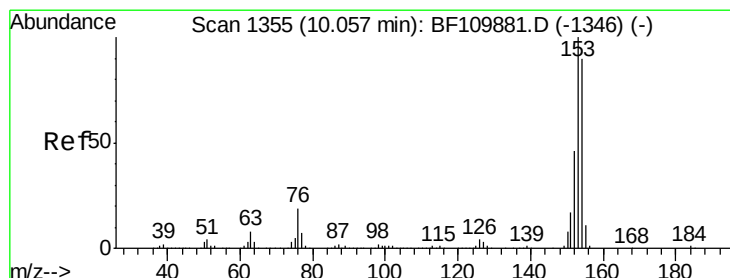
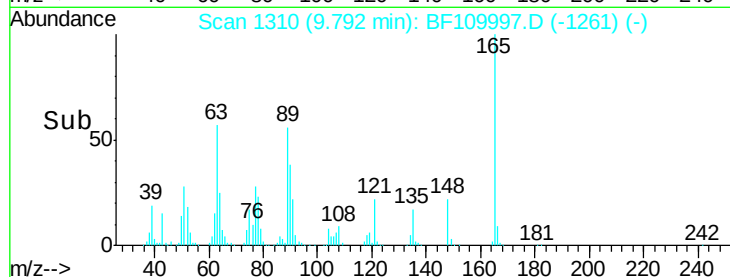
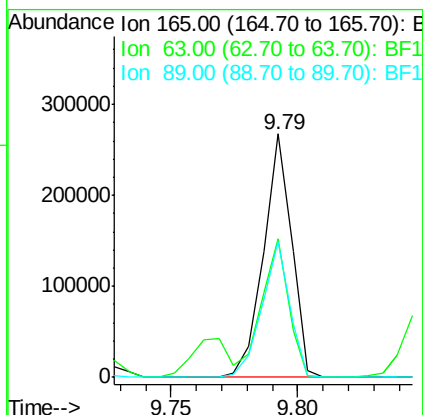
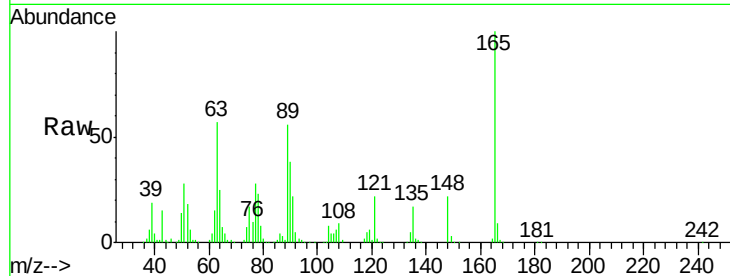




#51
2,6-Dinitrotoluene
Concen: 46.683 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

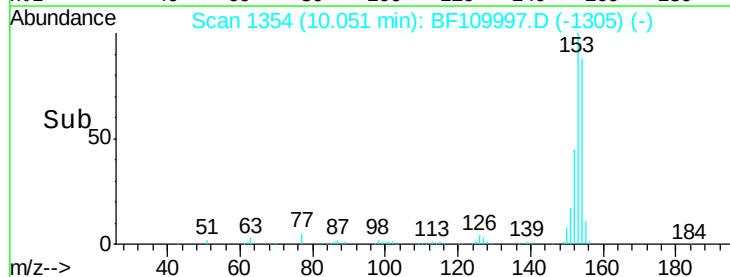
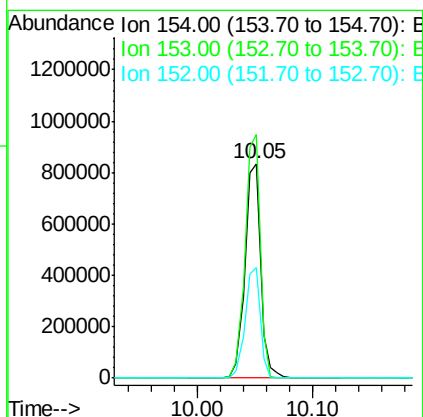
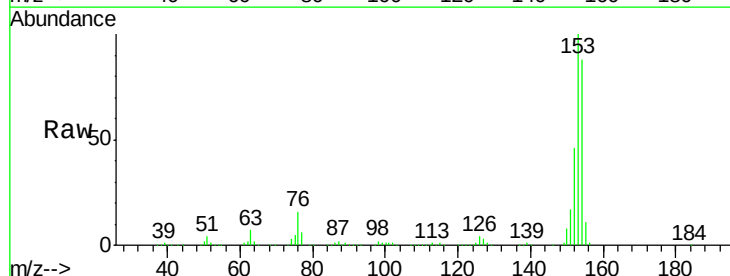
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

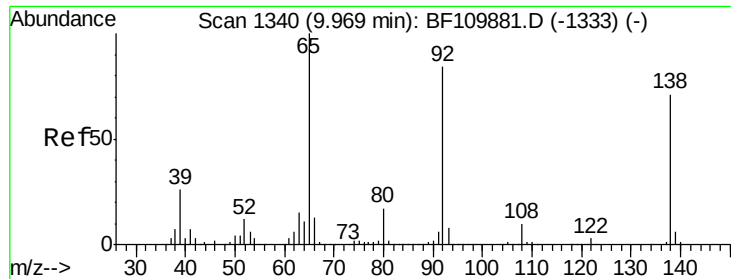
Tgt Ion:165 Resp: 207882
Ion Ratio Lower Upper
165 100
63 57.0 48.9 73.3
89 56.1 46.6 69.8



#52
Acenaphthene
Concen: 39.545 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:154 Resp: 794742
Ion Ratio Lower Upper
154 100
153 113.4 90.1 135.1
152 51.6 43.4 65.2

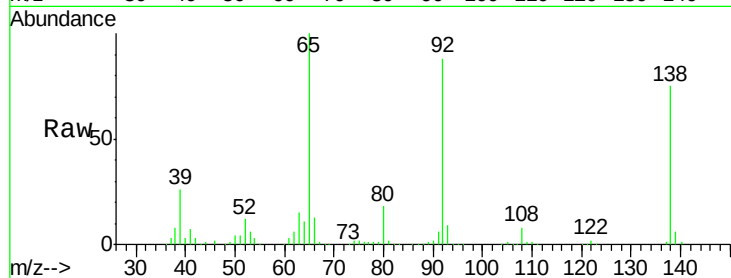




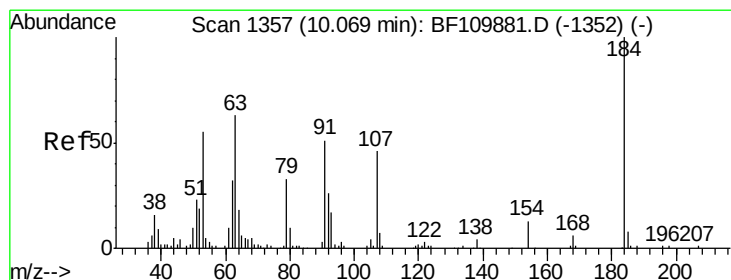
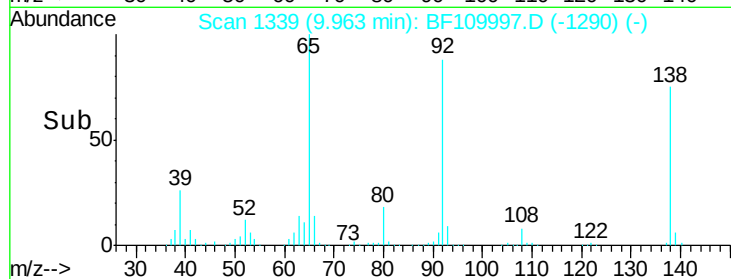
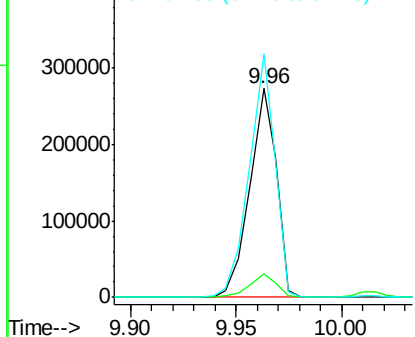
#53
 3-Nitroaniline
 Concen: 44.565 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 241400
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 116.8 97.0 145.4

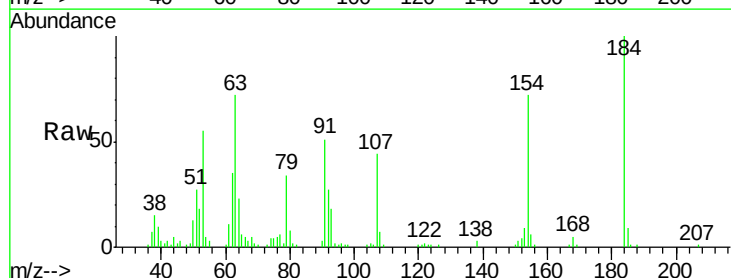


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

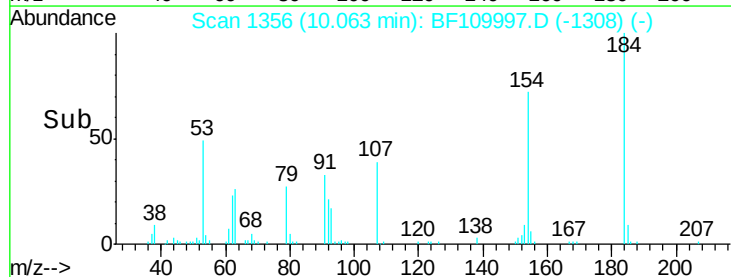
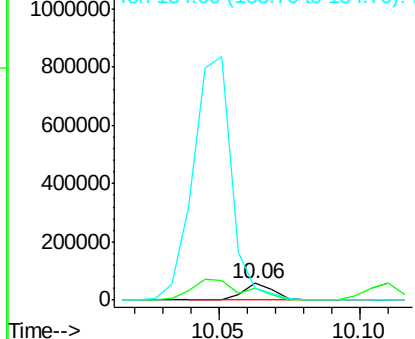


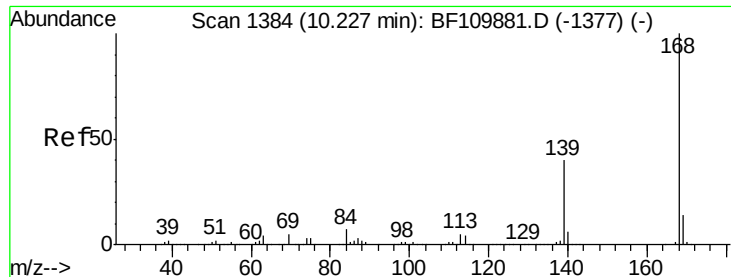
#54
 2,4-Dinitrophenol
 Concen: 35.850 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:184 Resp: 43007
 Ion Ratio Lower Upper
 184 100
 63 71.8 55.8 83.6
 154 71.6 63.2 94.8



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

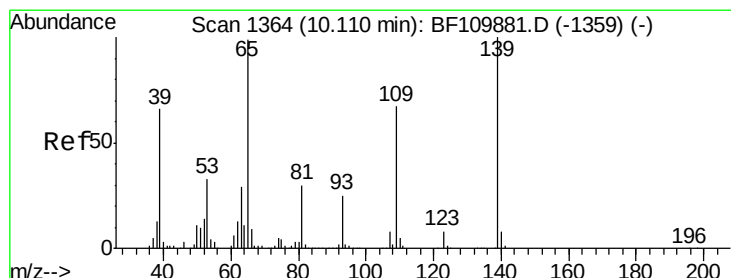
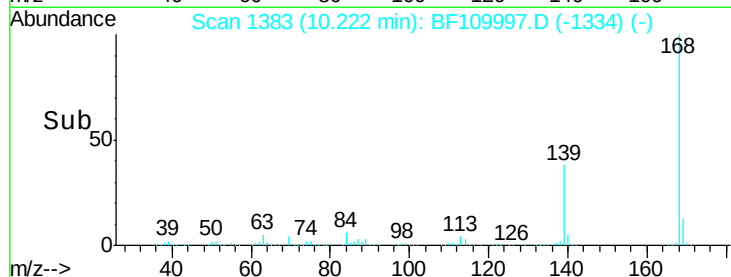
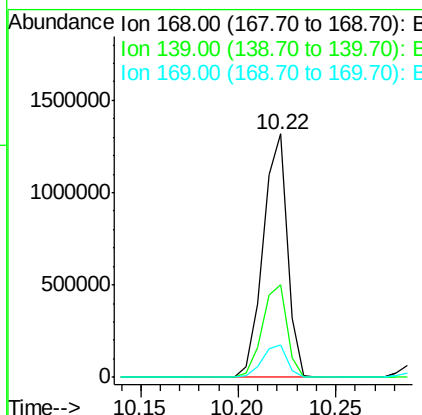
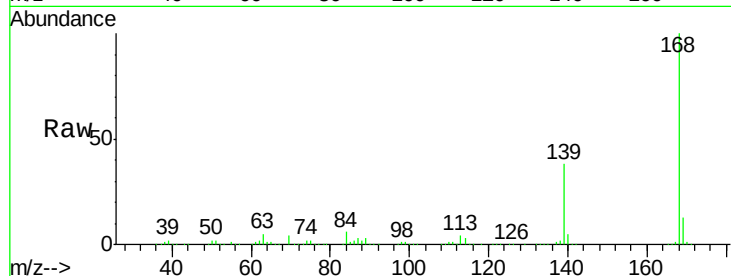




#55
Dibenzofuran
Concen: 39.527 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

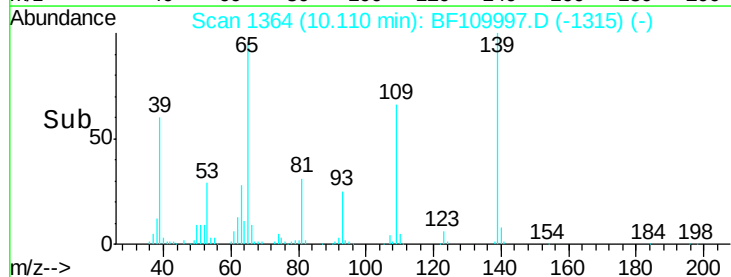
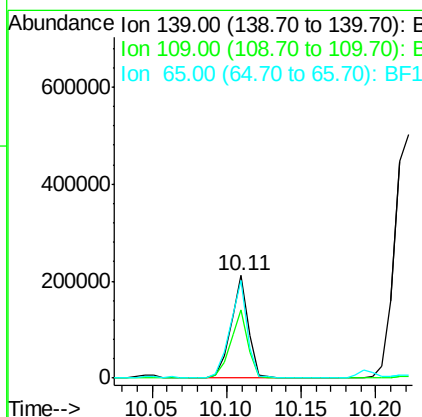
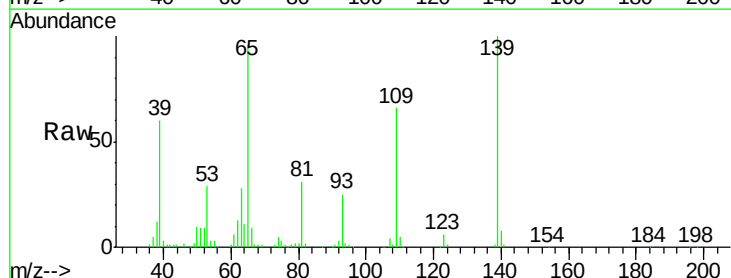
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

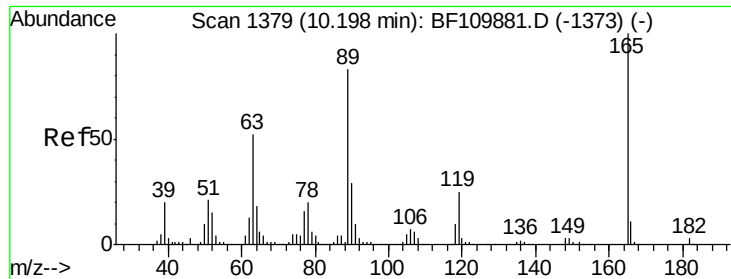
Tgt Ion:168 Resp: 1132906
Ion Ratio Lower Upper
168 100
139 38.1 33.0 49.6
169 13.1 11.3 16.9



#56
4-Nitrophenol
Concen: 42.439 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:139 Resp: 175410
Ion Ratio Lower Upper
139 100
109 66.5 55.8 95.8
65 96.0 77.9 117.9

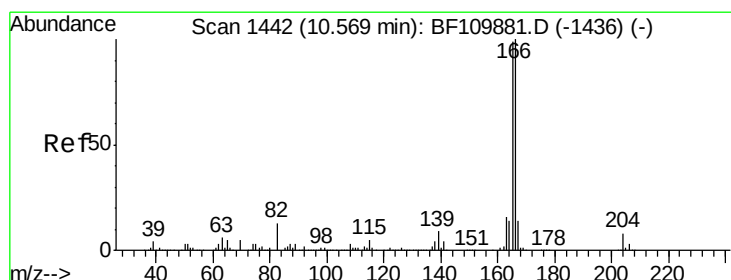
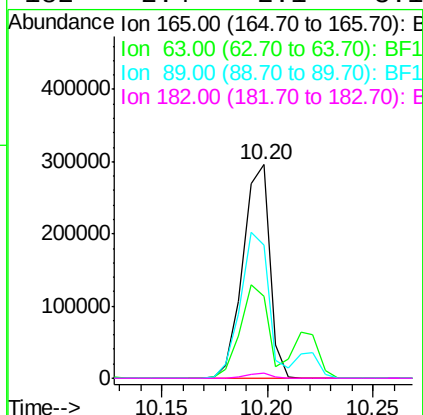
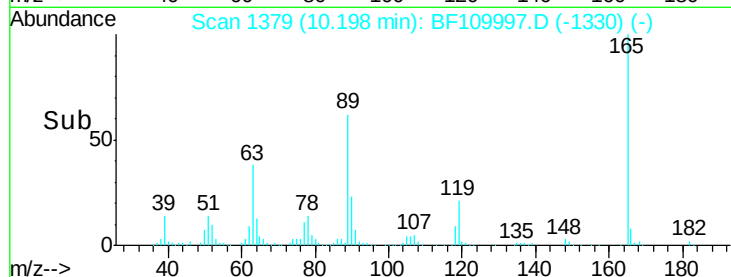
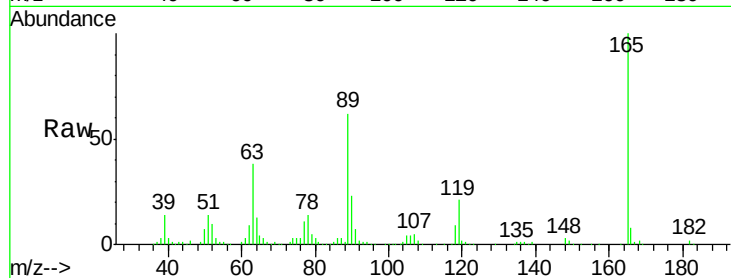




#57
2,4-Dinitrotoluene
Concen: 46.666 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

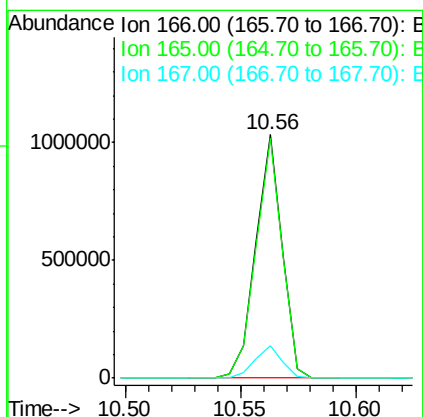
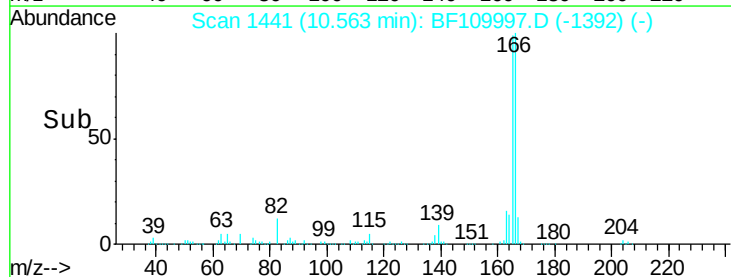
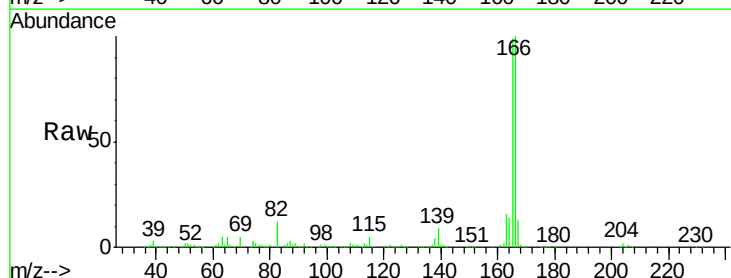
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

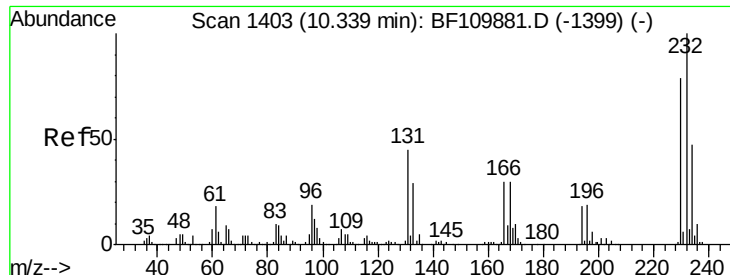
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.1	44.8	67.2#
89	62.4	62.2	93.4
182	2.4	2.1	3.1



#58
Fluorene
Concen: 39.641 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.5	10.8	16.2

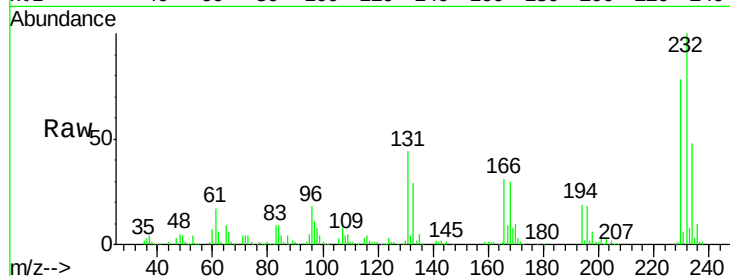




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.508 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.0	55.4
130	2.3	1.8	2.6
166	32.7	22.0	33.0



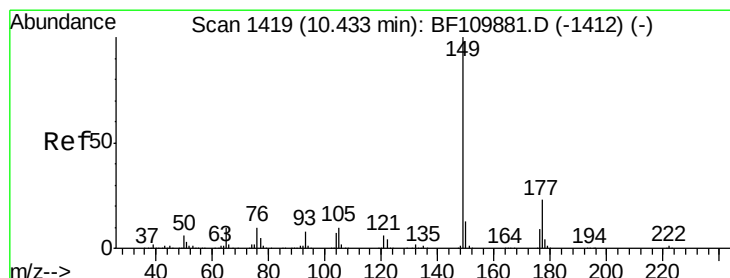
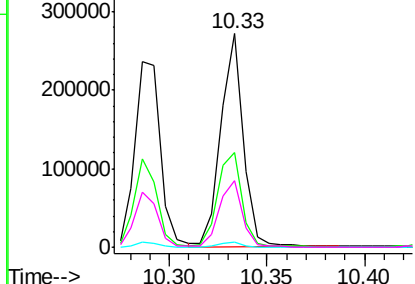
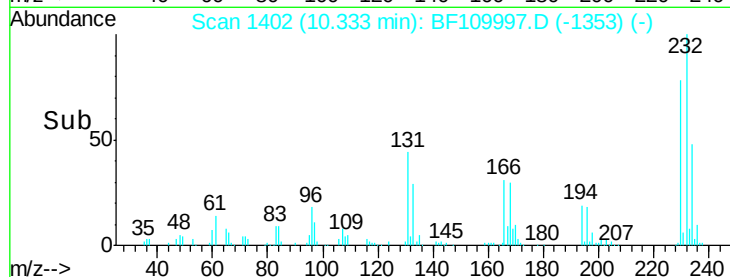
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

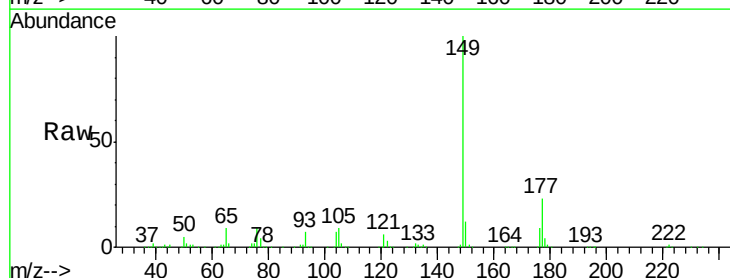
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.017 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.4	26.2
150	12.4	9.8	14.8

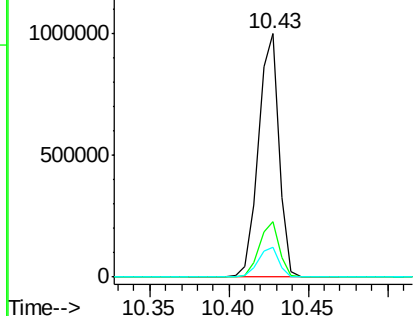
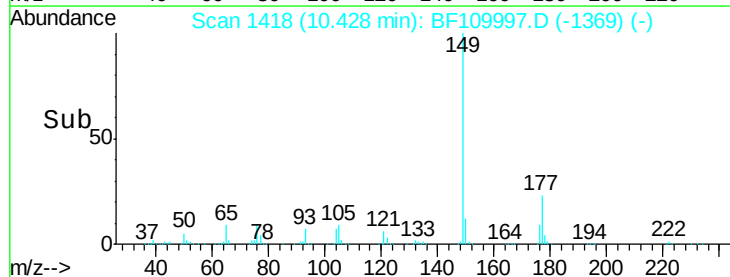


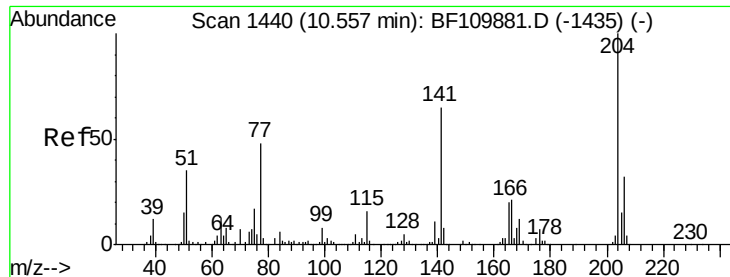
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

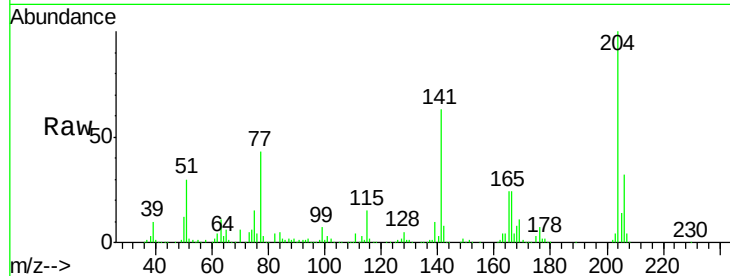




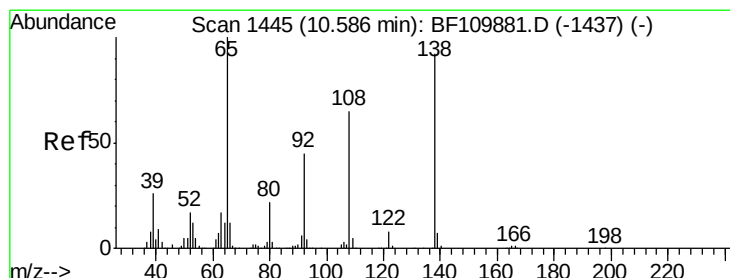
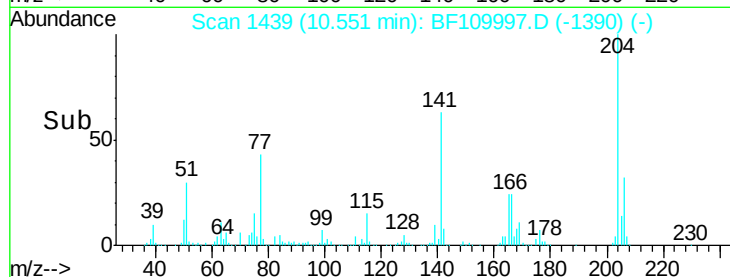
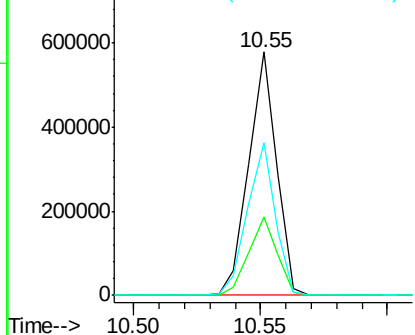
#61
4-Chlorophenyl-phenylether
Concen: 40.742 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 442803
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.0 51.8 77.8

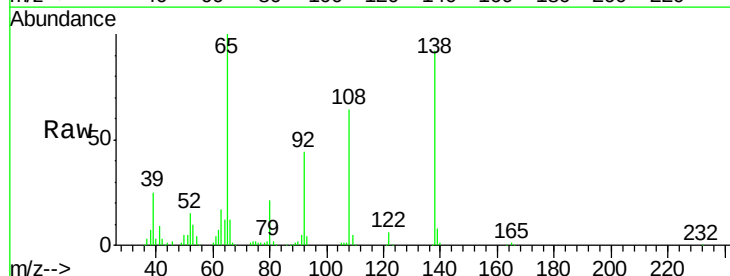


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

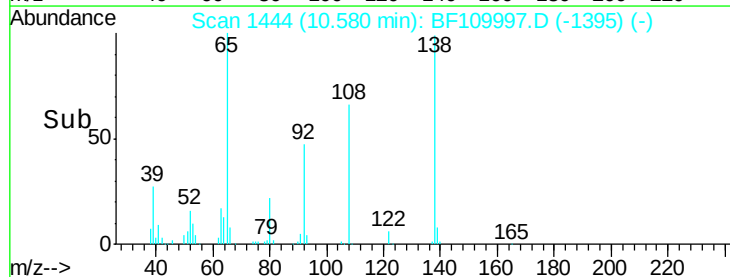
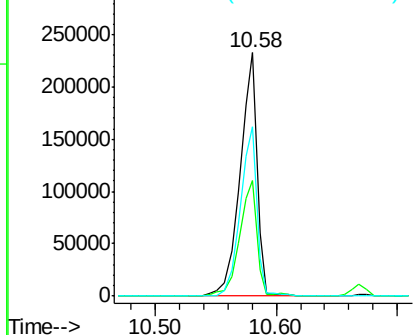


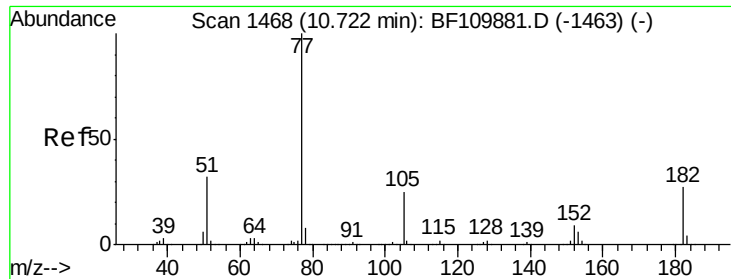
#62
4-Nitroaniline
Concen: 44.668 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:138 Resp: 229041
Ion Ratio Lower Upper
138 100
92 47.5 31.7 71.7
108 69.6 59.3 99.3



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





#63

Azobenzene

Concen: 37.507 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 907334

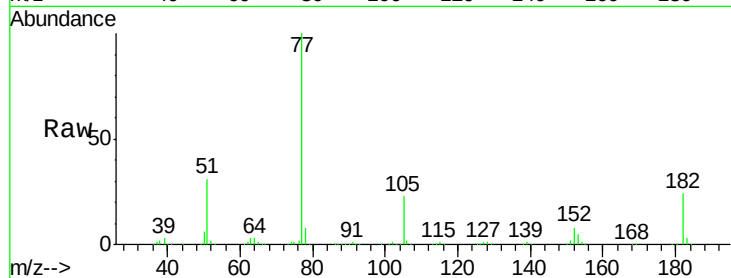
Ion Ratio Lower Upper

77 100

182 24.2 4.3 44.3

105 22.5 1.3 41.3

51 31.2 9.0 49.0

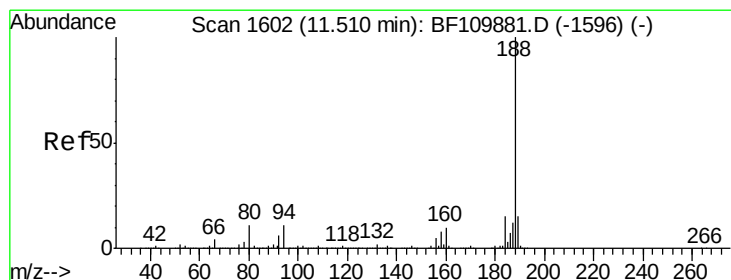
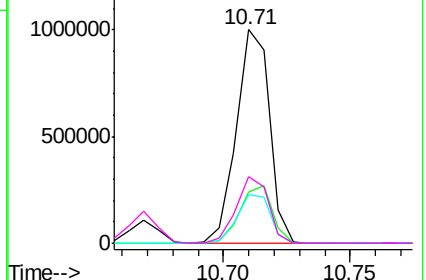
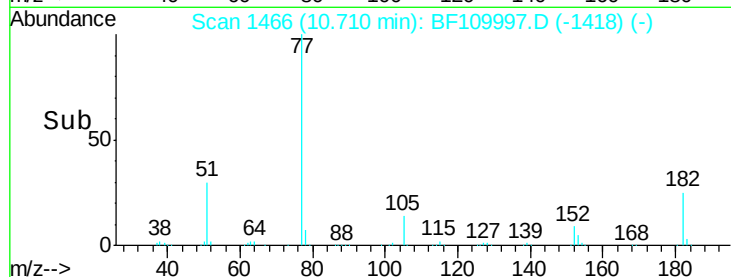


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

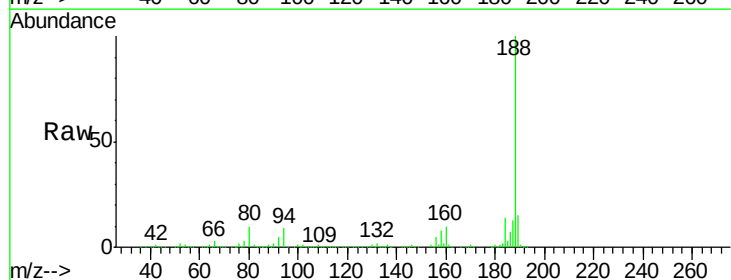
Tgt Ion: 188 Resp: 602698

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

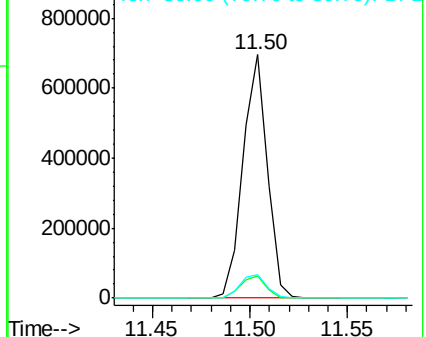
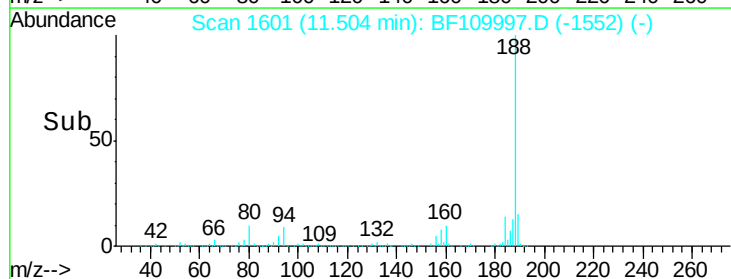
80 9.9 7.9 11.9

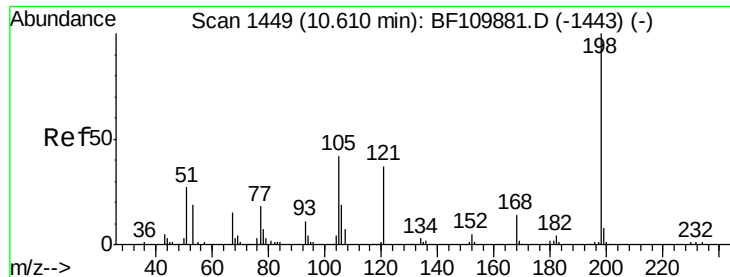


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

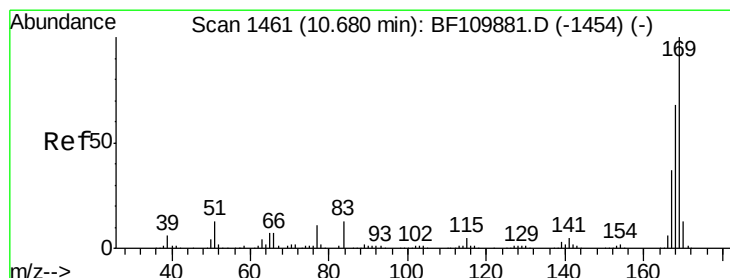
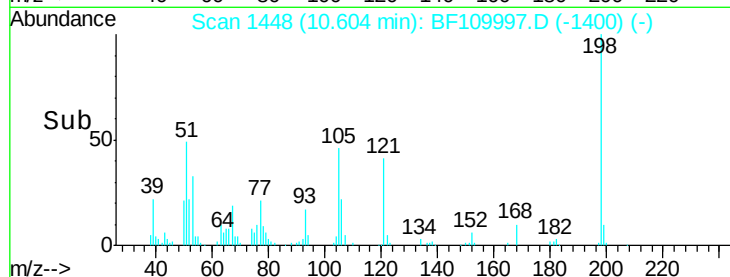
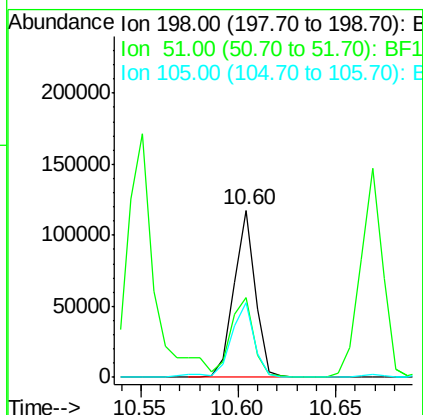
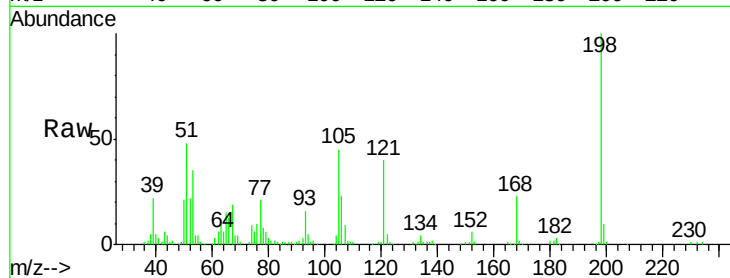




#65
4,6-Dinitro-2-methylphenol
Concen: 42.099 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

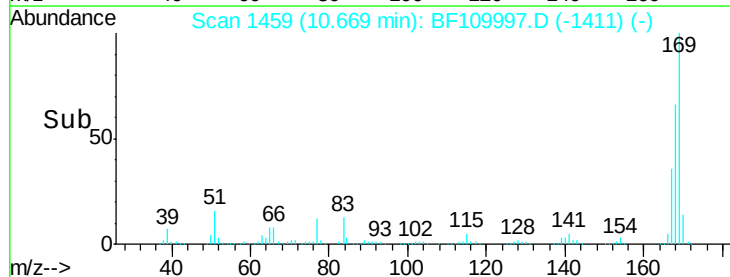
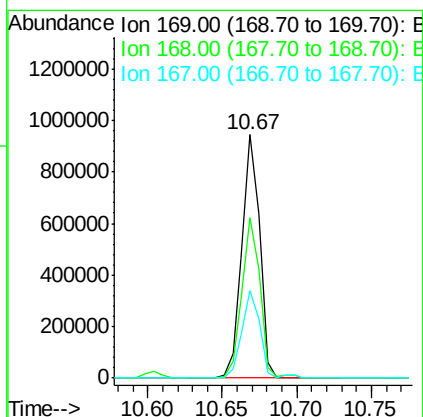
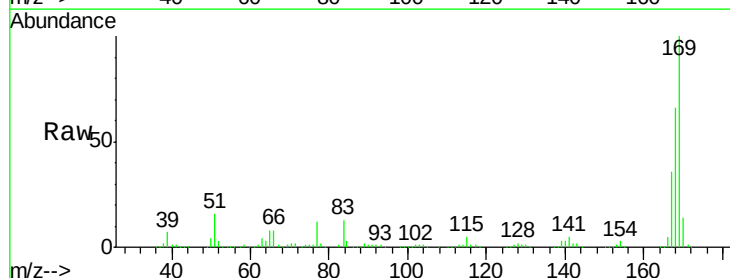
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

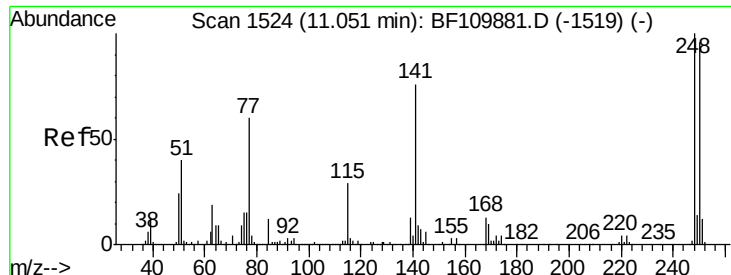
Tgt Ion:198 Resp: 89380
Ion Ratio Lower Upper
198 100
51 48.0 22.8 62.8
105 44.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 39.083 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:169 Resp: 784526
Ion Ratio Lower Upper
169 100
168 66.1 51.2 76.8
167 36.0 27.8 41.6

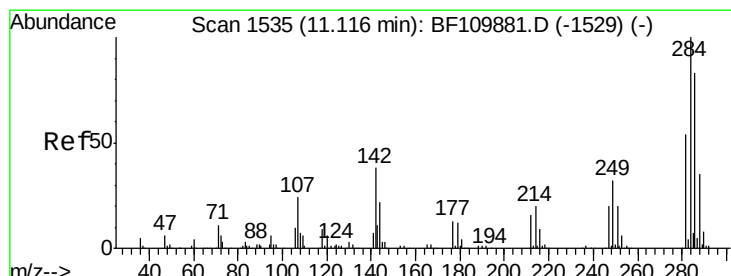
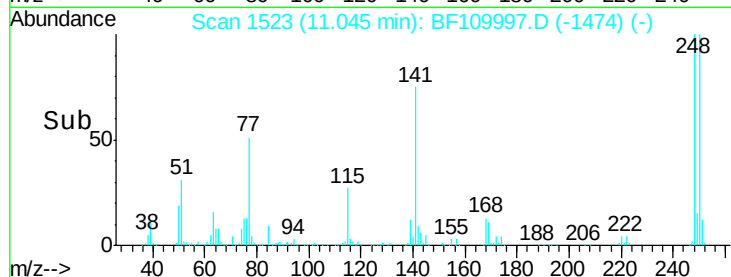
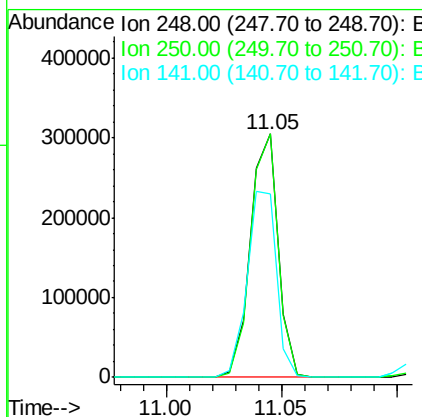
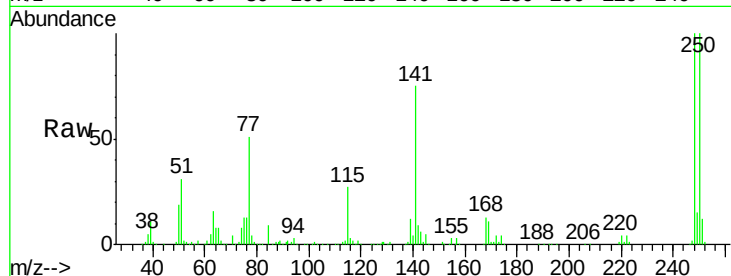




#67
 4-Bromophenyl-phenylether
 Concen: 39.353 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

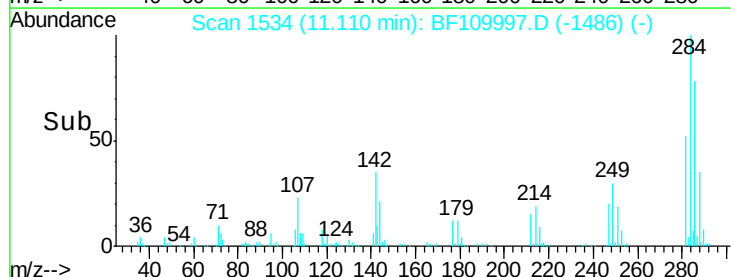
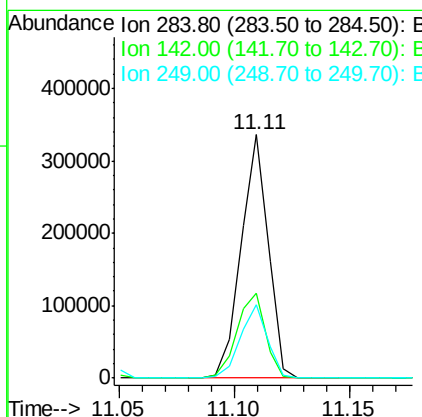
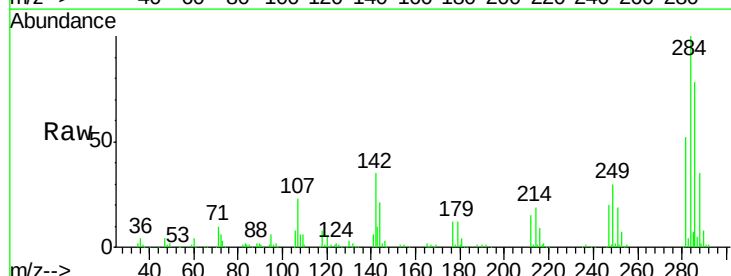
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

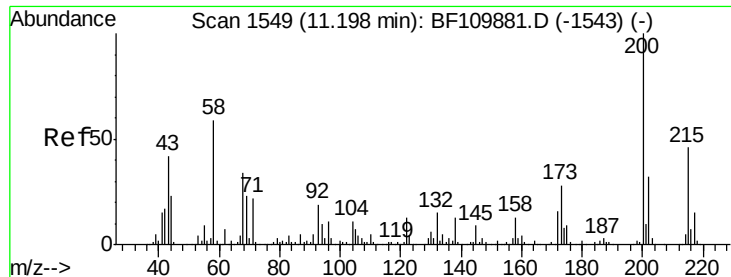
Tgt Ion:248 Resp: 257044
 Ion Ratio Lower Upper
 248 100
 250 100.1 79.4 119.2
 141 75.3 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 39.578 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:284 Resp: 275670
 Ion Ratio Lower Upper
 284 100
 142 34.8 23.9 35.9
 249 30.0 24.2 36.2

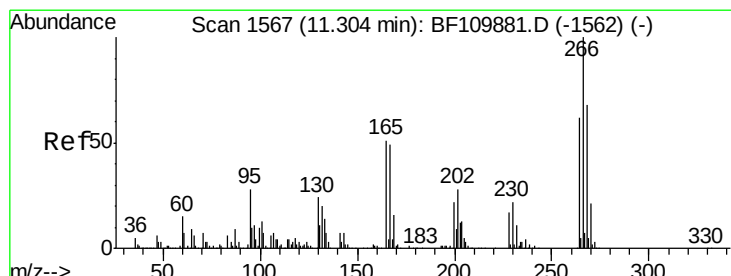
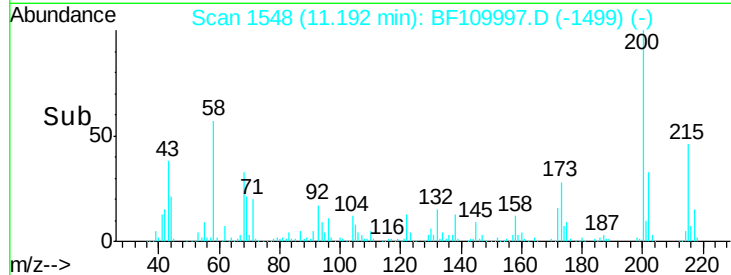
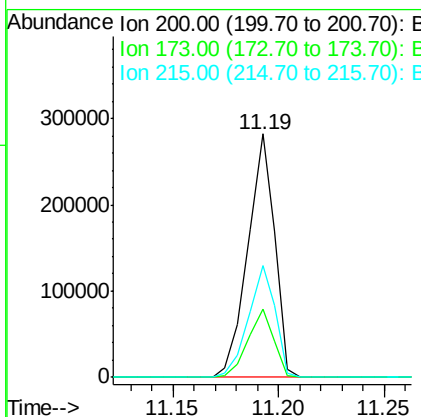
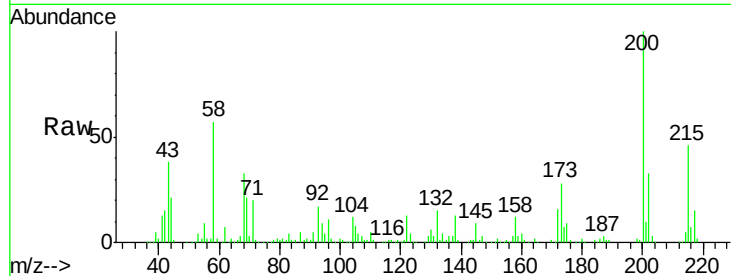




#69
 Atrazine
 Concen: 39.626 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

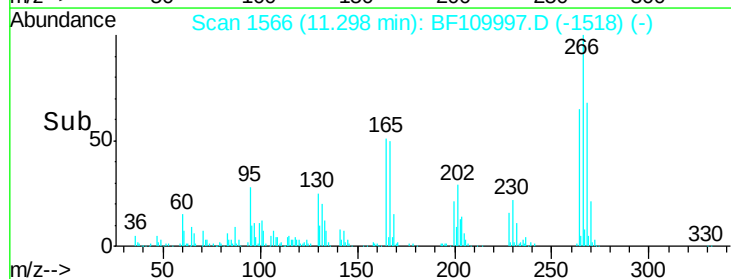
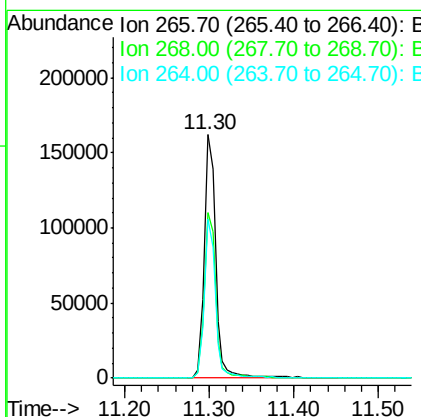
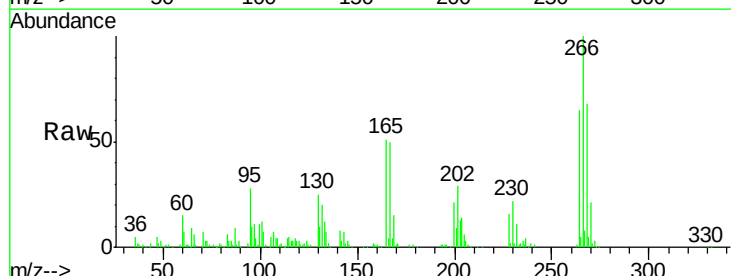
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

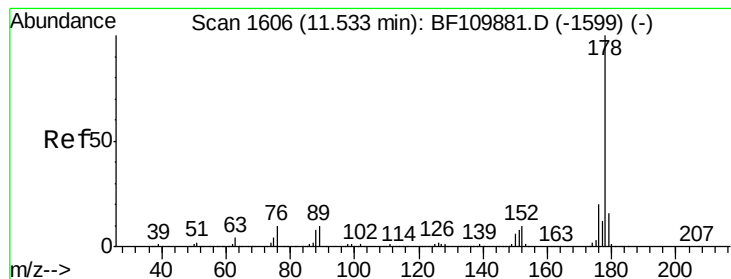
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.6	46.6
215	45.7	26.3	66.3



#70
 Pentachlorophenol
 Concen: 39.078 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	50.6	75.8
264	65.1	50.6	75.8





#71

Phenanthrene

Concen: 38.810 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

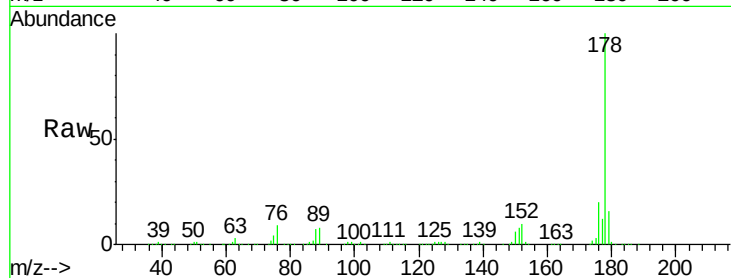
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1210951

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.2	12.5	18.7

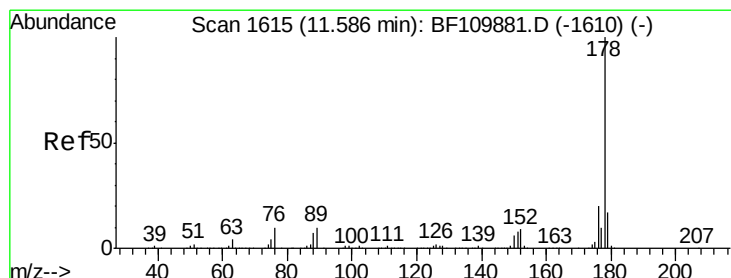
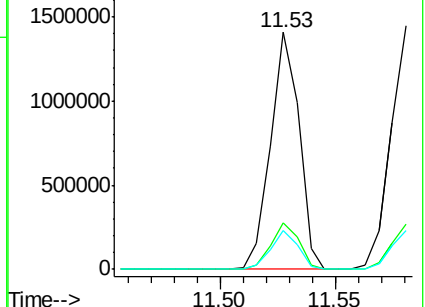
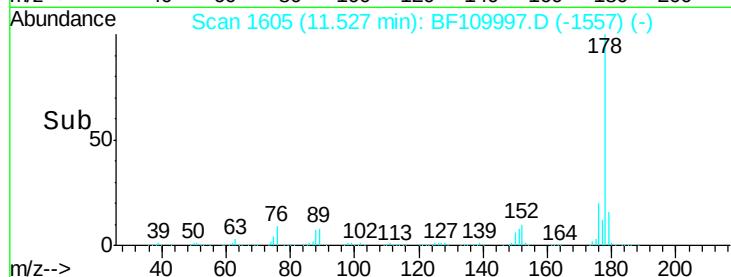


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.969 ng

RT: 11.58 min Scan# 1614

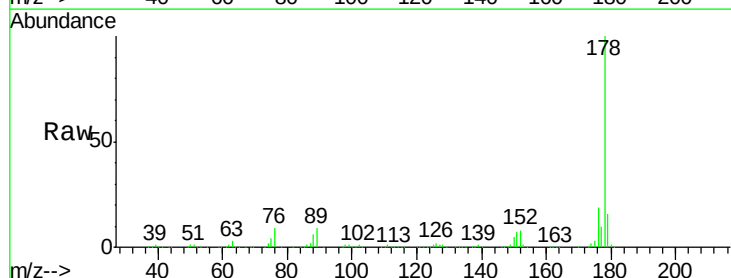
Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Tgt Ion:178 Resp: 1222436

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.9	12.6	18.8

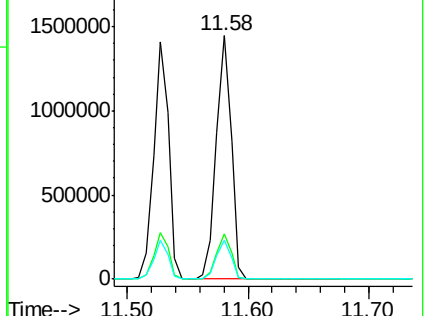
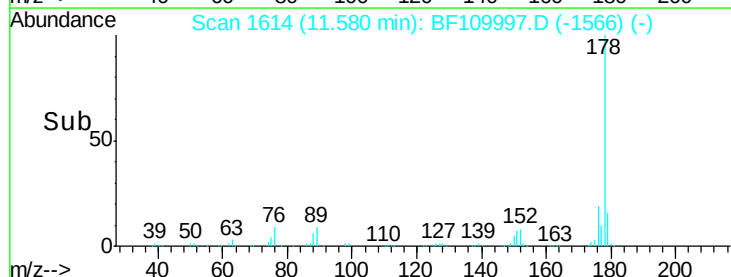


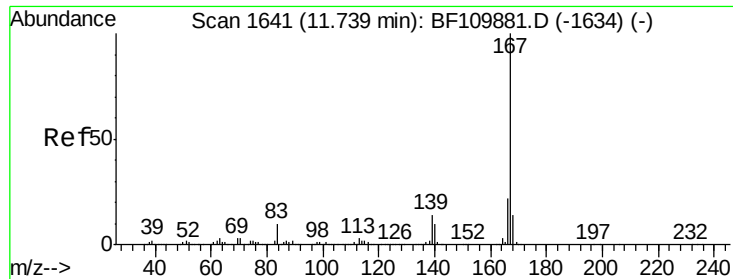
Abundance

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

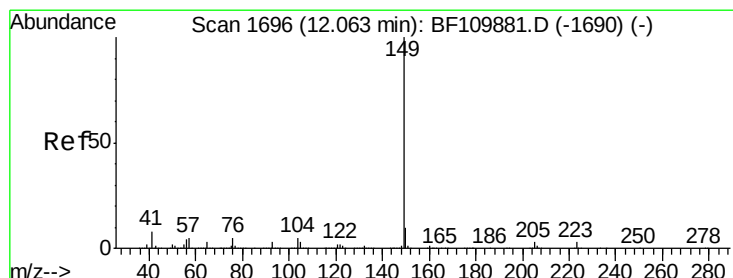
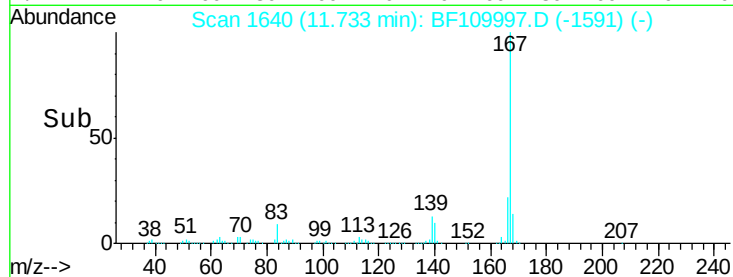
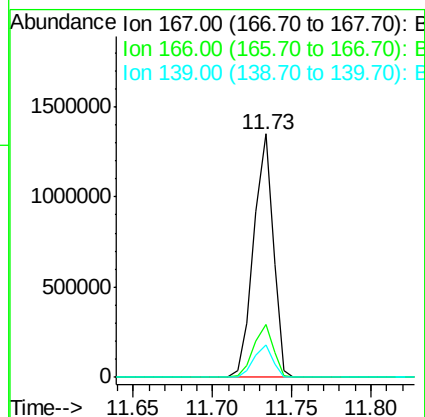
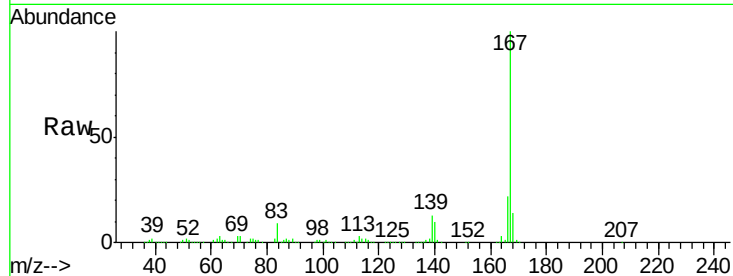




#73
 Carbazole
 Concen: 37.549 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

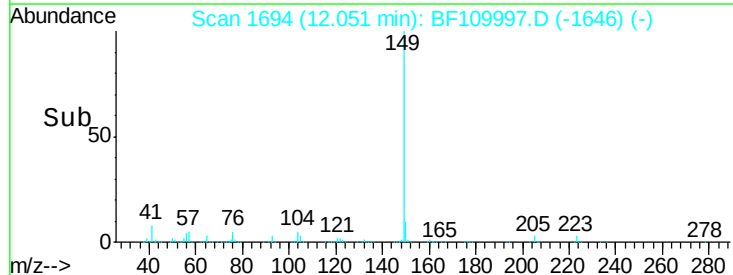
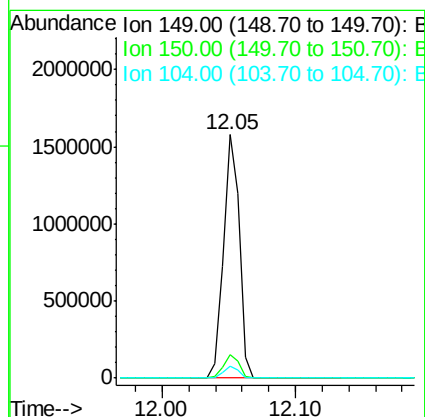
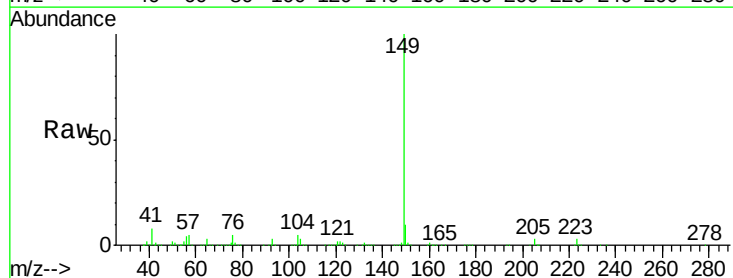
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

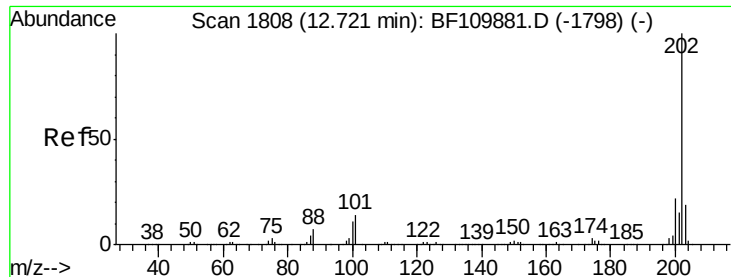
Tgt Ion:167 Resp: 1157621
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.400 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion:149 Resp: 1321214
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.2 4.2 6.4

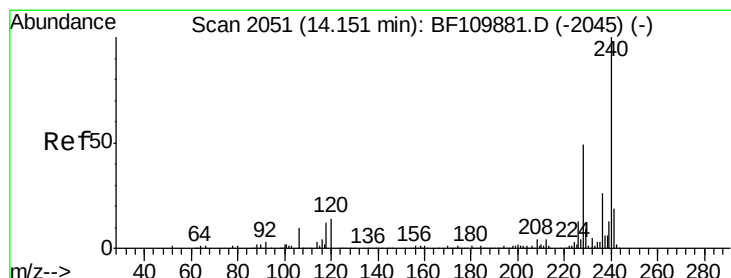
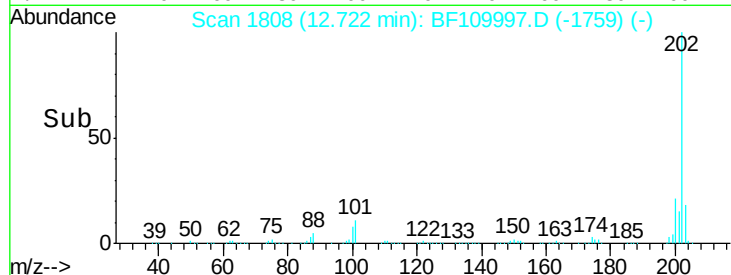
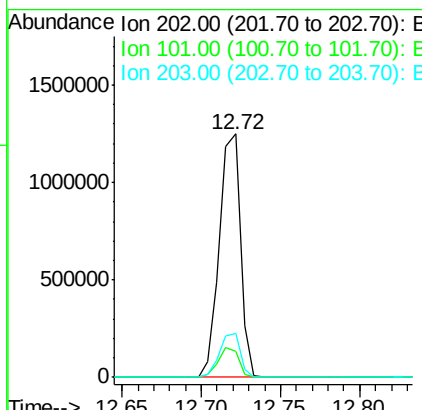
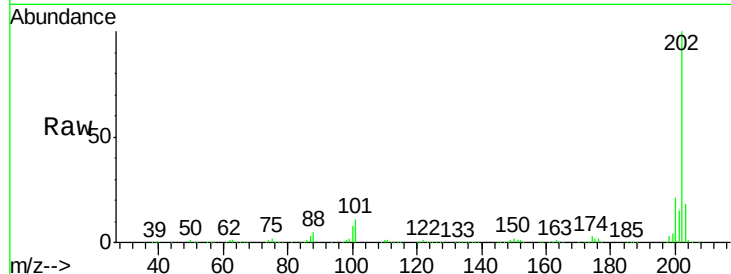




#75
 Fluoranthene
 Concen: 37.159 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

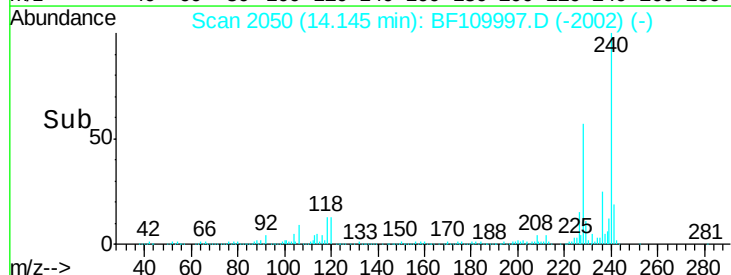
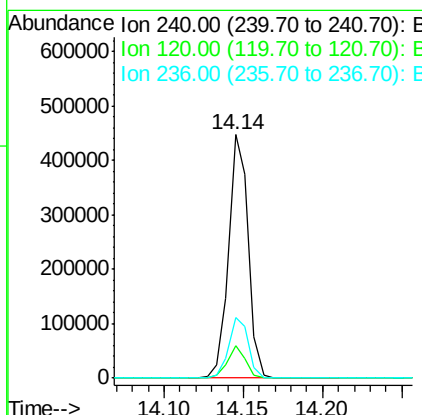
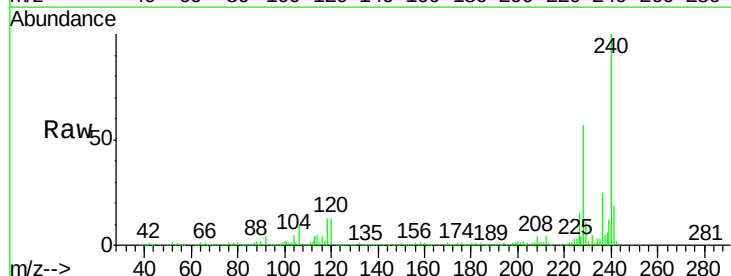
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

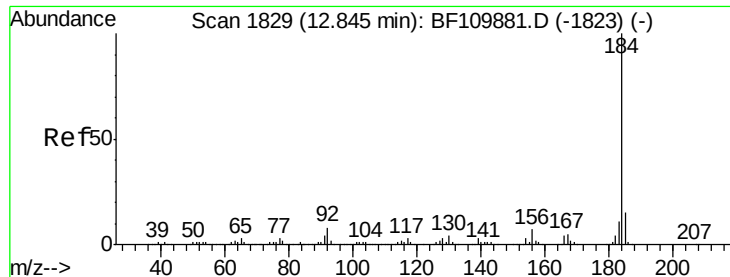
Tgt Ion: 202 Resp: 1158275
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 31.4
 203 17.9 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF109997.D
 Acq: 19 Oct 2018 12:45

Tgt Ion: 240 Resp: 380721
 Ion Ratio Lower Upper
 240 100
 120 13.4 8.3 12.5#
 236 24.7 21.2 31.8





#77

Benzidine

Concen: 40.627 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

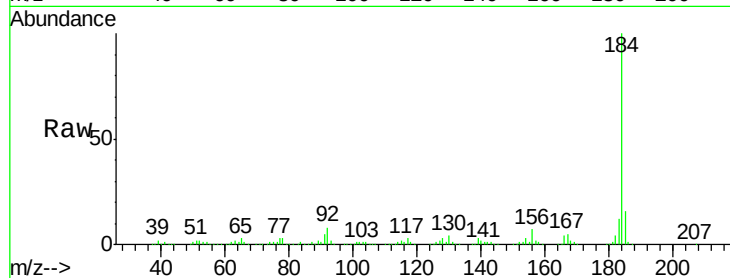
Tgt Ion:184 Resp: 593052

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.2

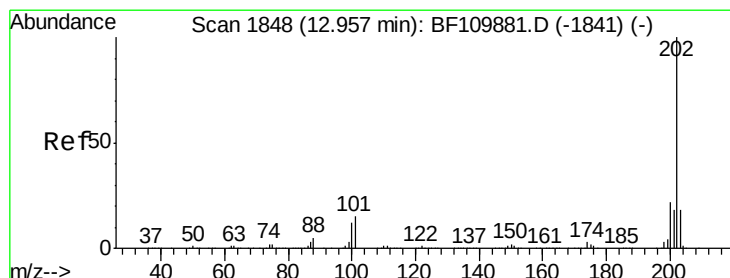
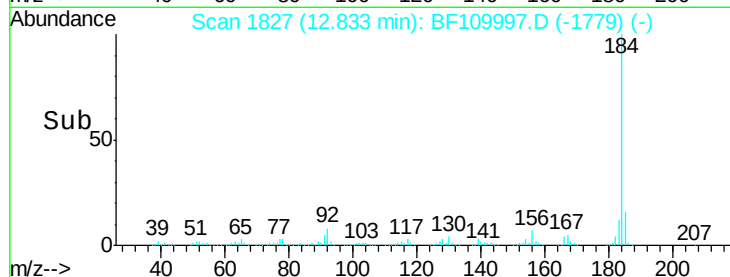
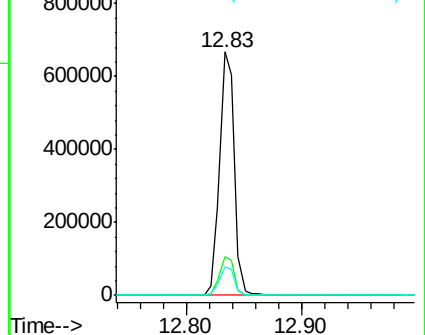
183 11.9 9.4 14.2



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



#78

Pyrene

Concen: 42.267 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

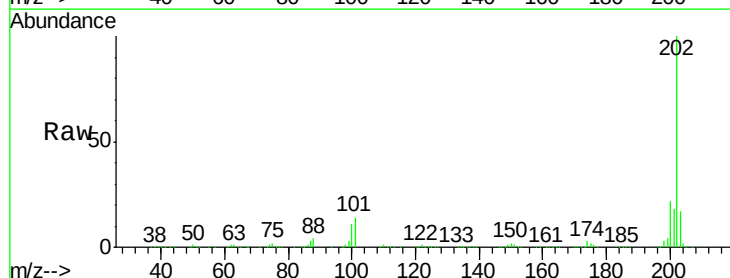
Tgt Ion:202 Resp: 1181897

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

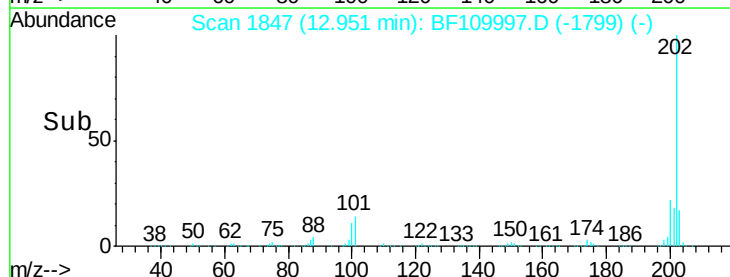
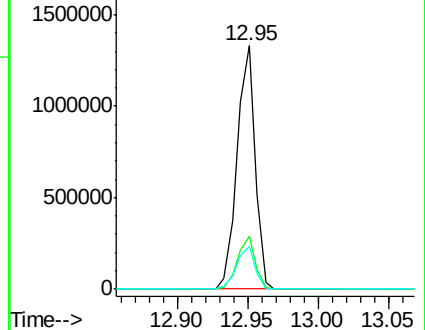
203 17.5 14.2 21.4

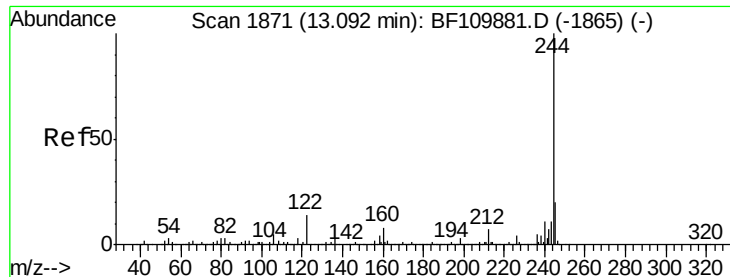


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.888 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

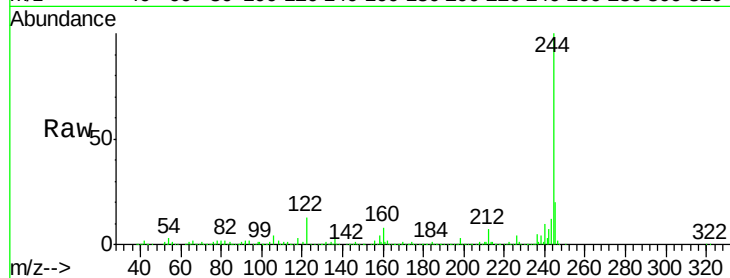
Tgt Ion:244 Resp: 1539036

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

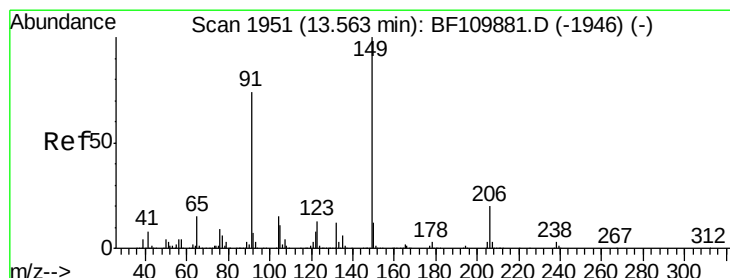
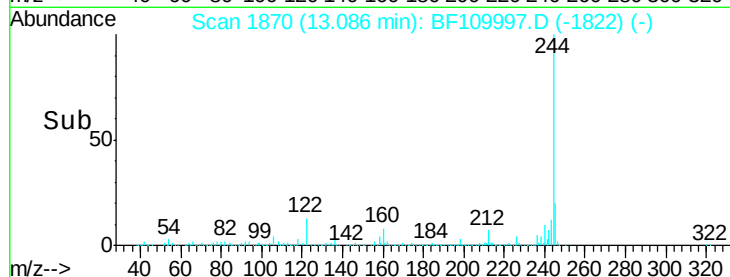
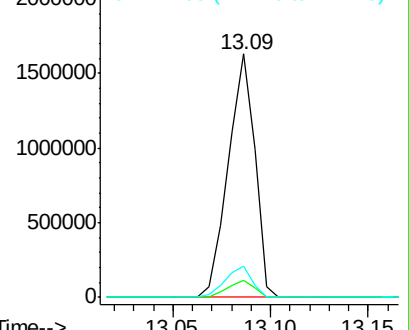
122 12.8 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.294 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

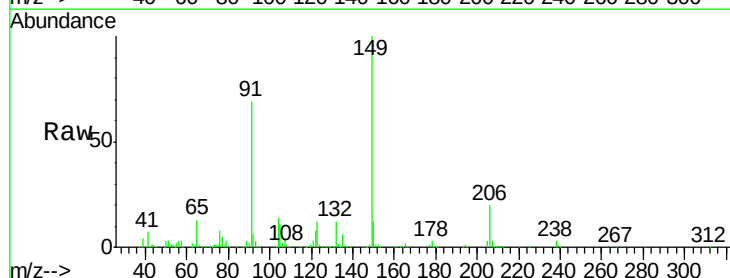
Tgt Ion:149 Resp: 489444

Ion Ratio Lower Upper

149 100

91 69.5 57.2 85.8

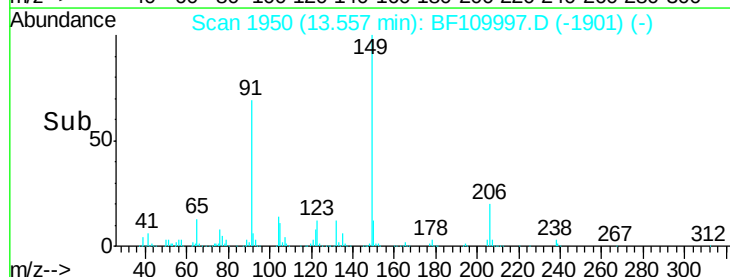
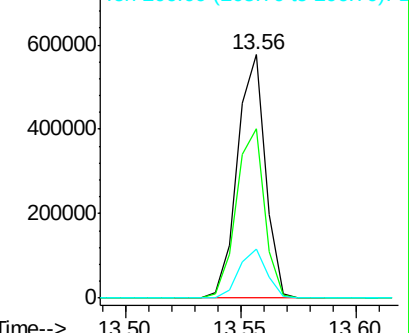
206 20.4 15.7 23.5

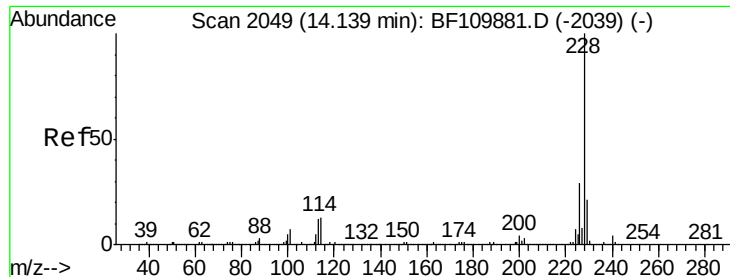


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.773 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

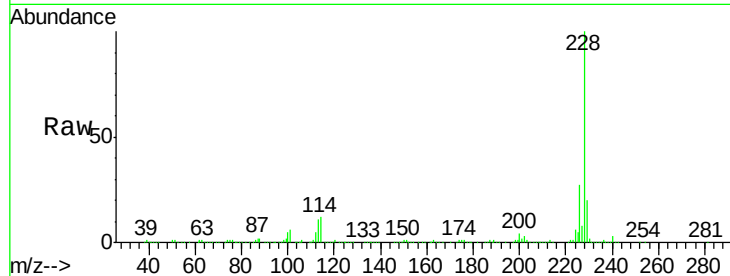
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

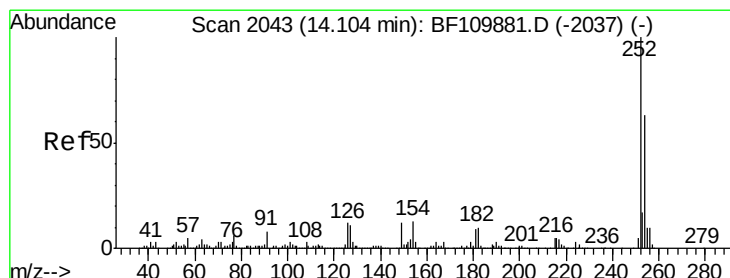
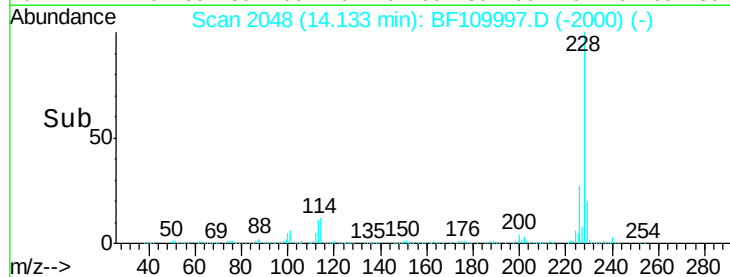
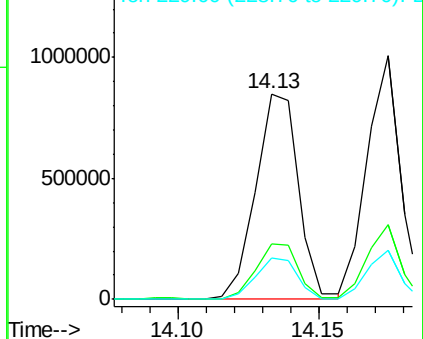
Tgt Ion:	228	Resp:	891925
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.4	15.6	23.4



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



#82

3,3'-Dichlorobenzidine

Concen: 40.891 ng

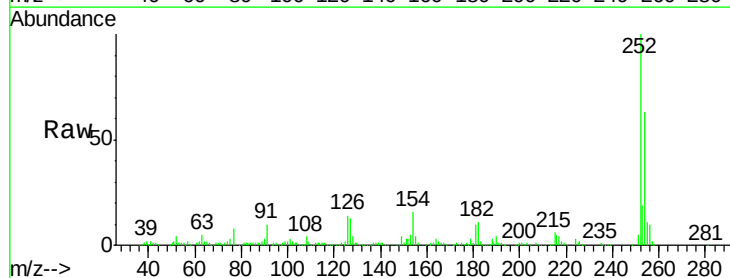
RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

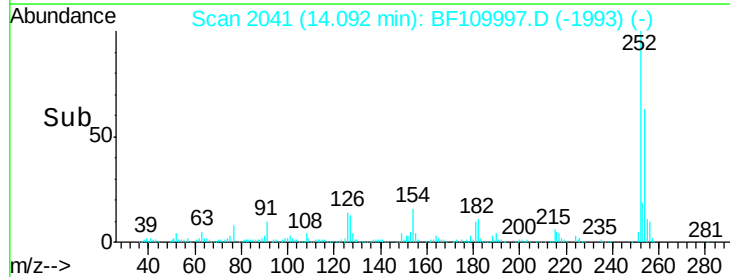
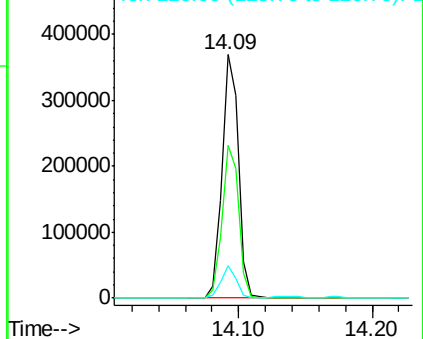
Tgt Ion:	252	Resp:	321479
Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.3	76.9
126	13.6	9.4	14.2

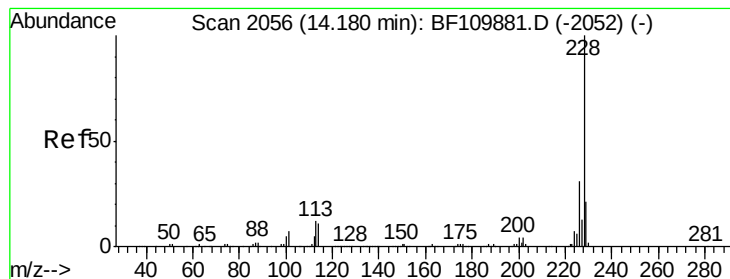


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.442 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

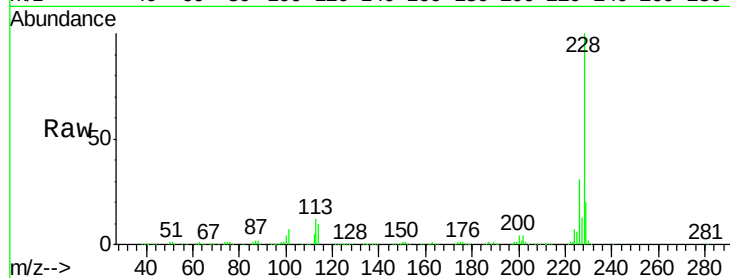
Tgt Ion:228 Resp: 820571

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

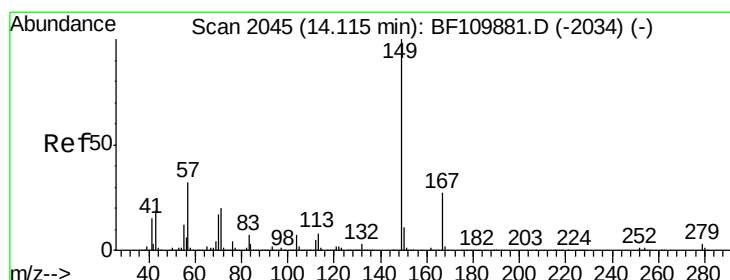
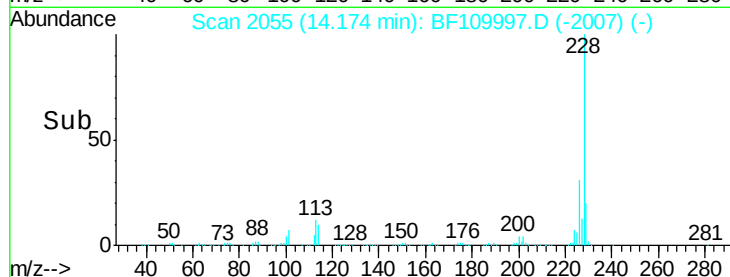
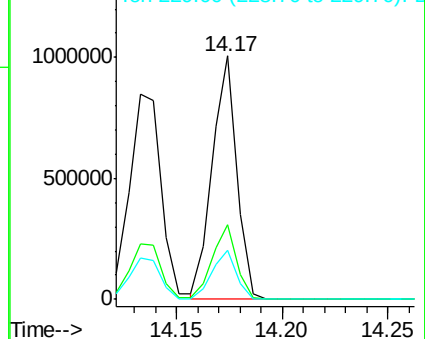
229 20.0 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.128 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

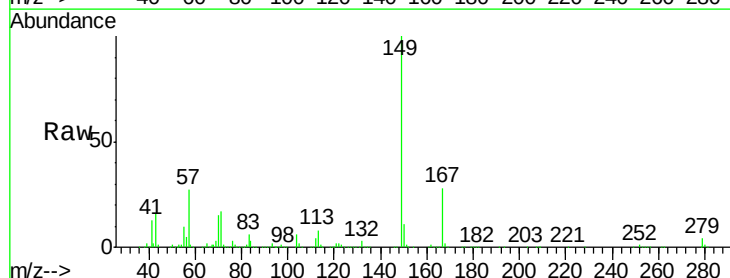
Tgt Ion:149 Resp: 641558

Ion Ratio Lower Upper

149 100

167 27.8 19.8 29.8

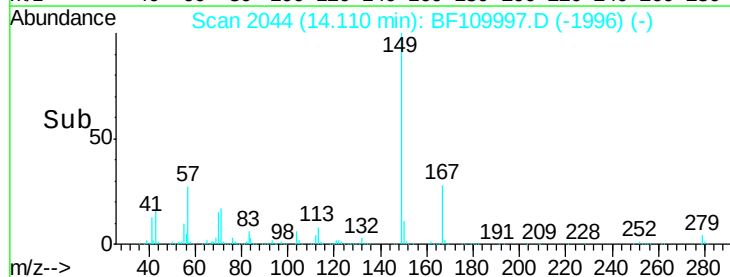
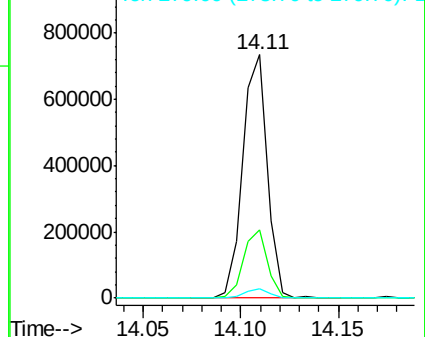
279 4.1 2.7 4.1#

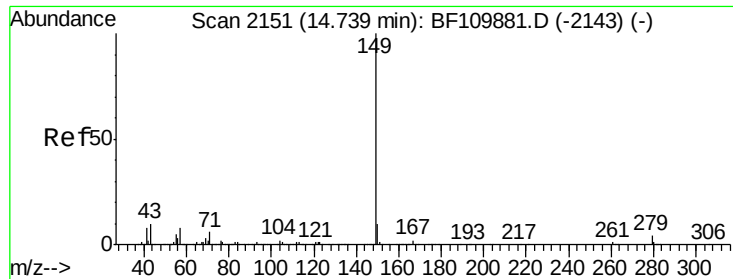


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

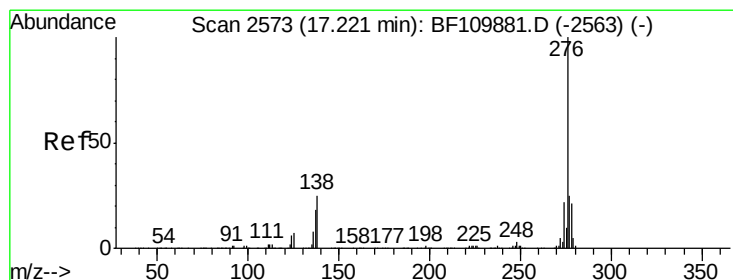
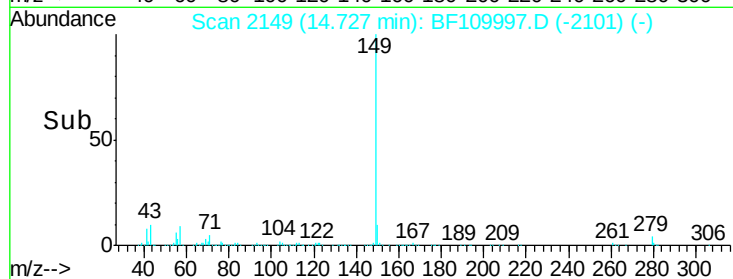
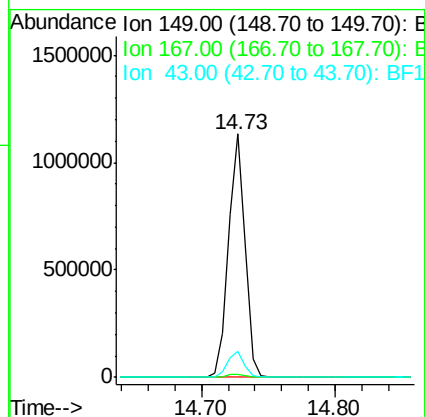
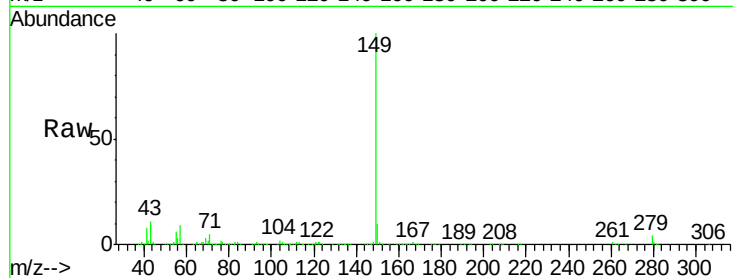




#85
Di-n-octyl phthalate
Concen: 47.480 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

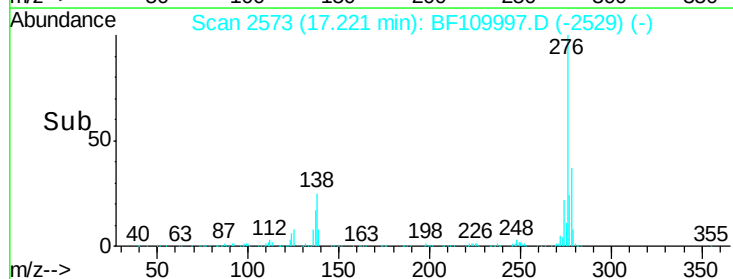
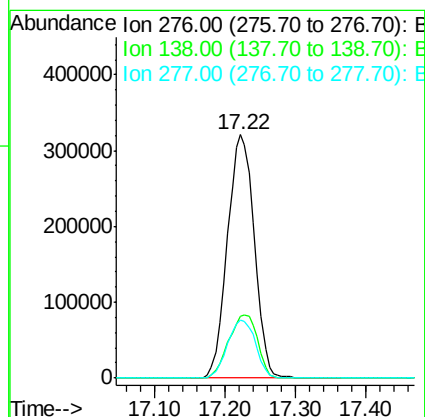
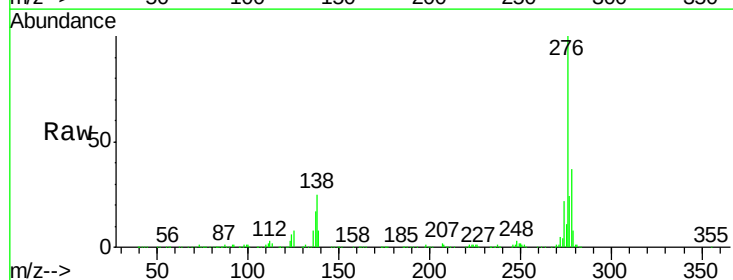
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

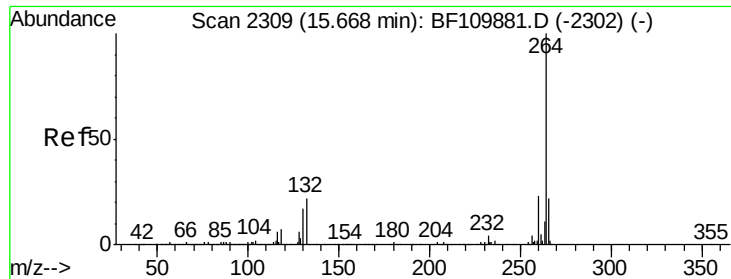
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.6	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.247 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	18.5	27.7#
277	24.9	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

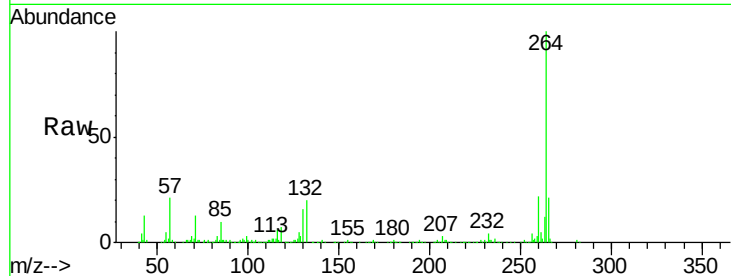
Tgt Ion:264 Resp: 327989

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

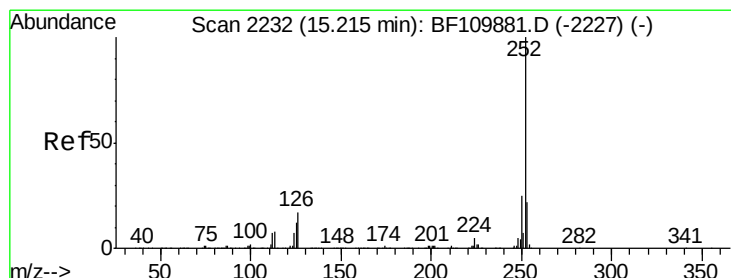
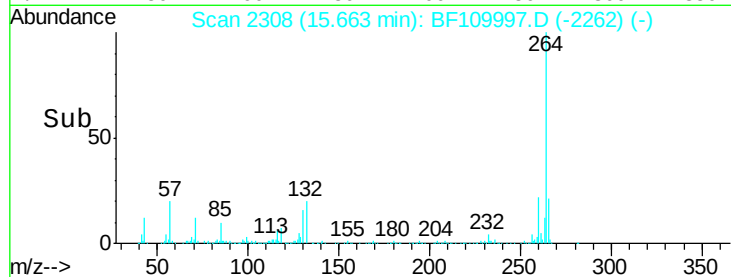
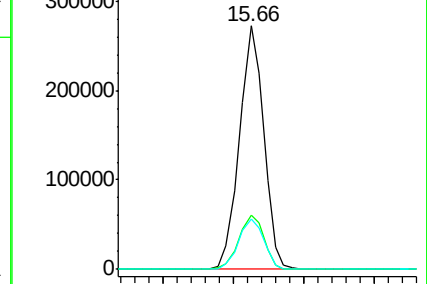
265 20.7 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.175 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF109997.D

Acq: 19 Oct 2018 12:45

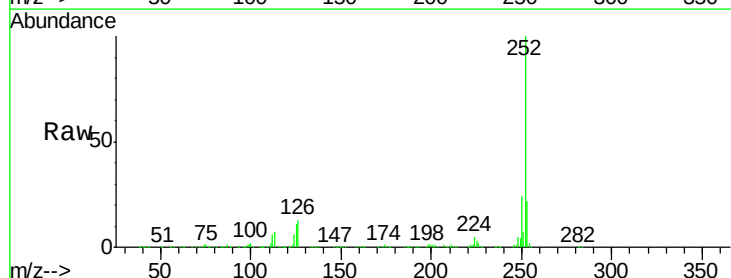
Tgt Ion:252 Resp: 721864

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

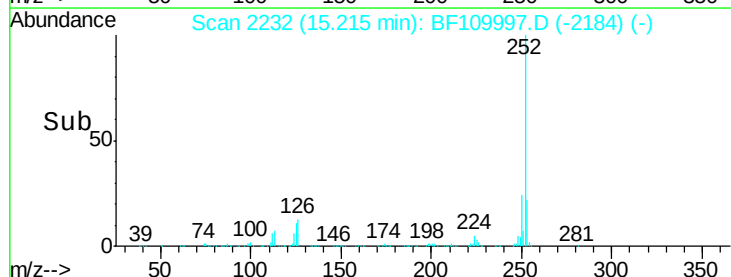
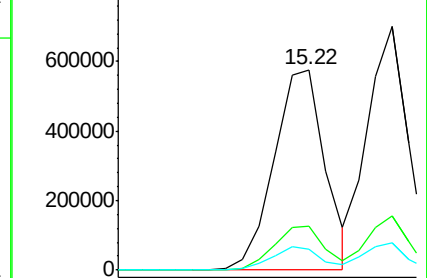
125 10.7 8.2 12.4

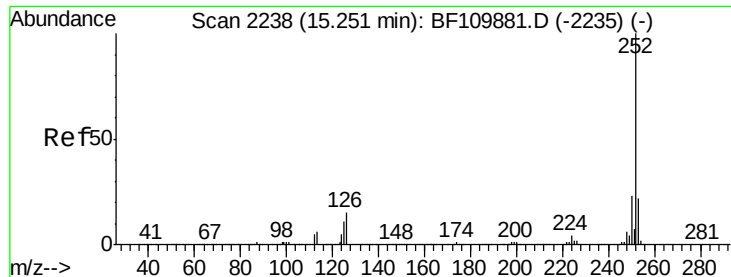


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

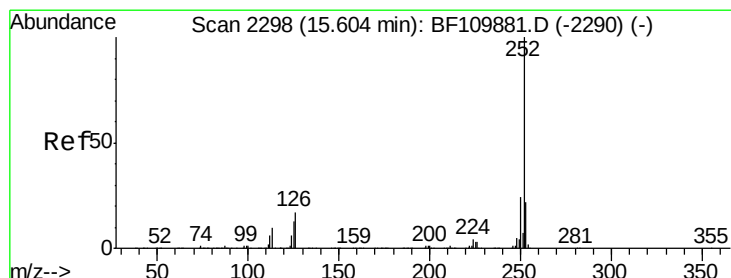
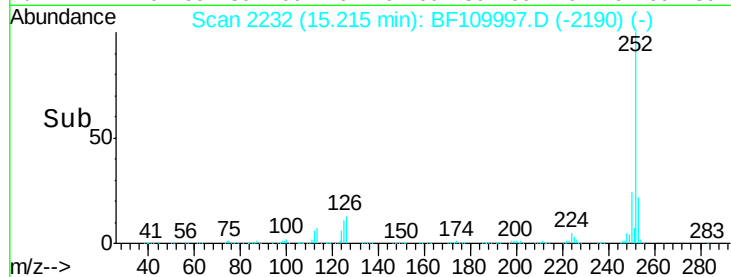
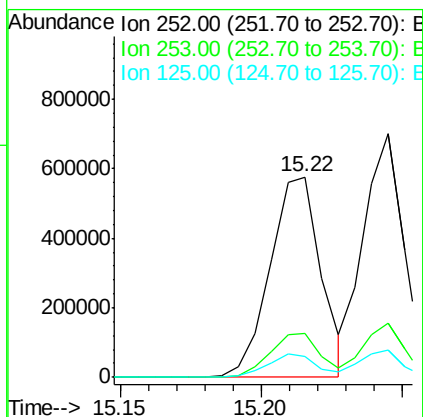
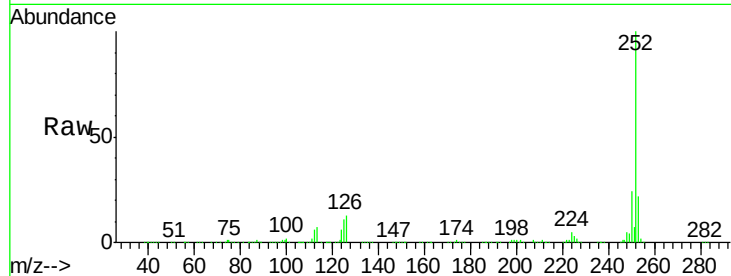




#89
Benzo(k)fluoranthene
Concen: 38.731 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

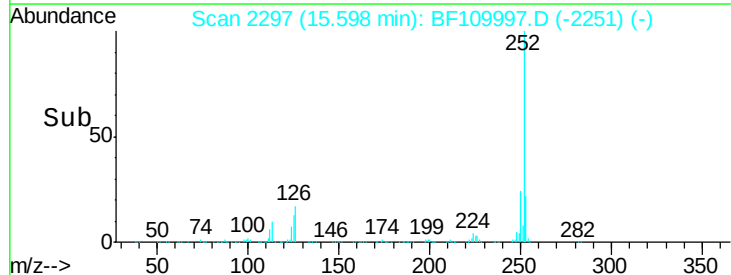
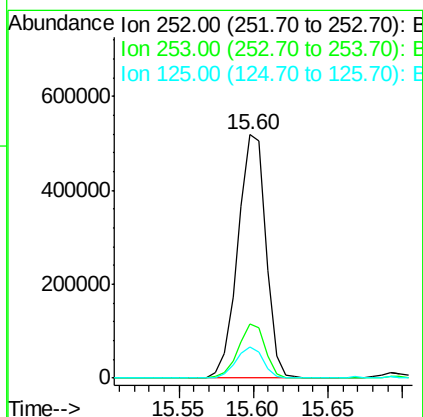
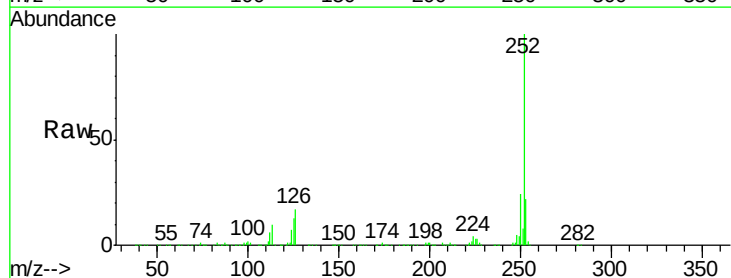
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

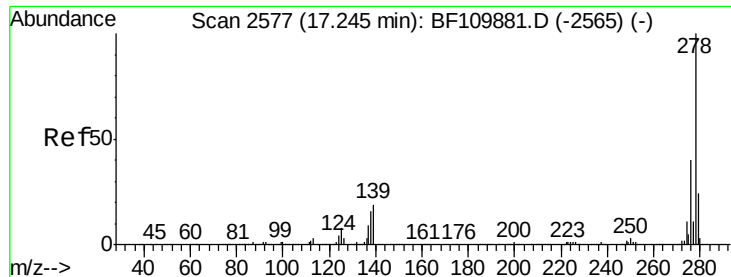
Tgt Ion:252 Resp: 721864
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.034 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion:252 Resp: 678856
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.9 9.0 13.6

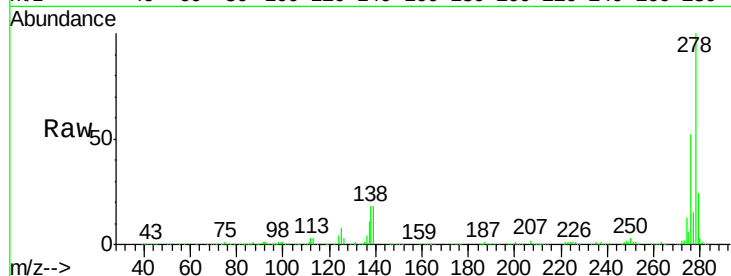




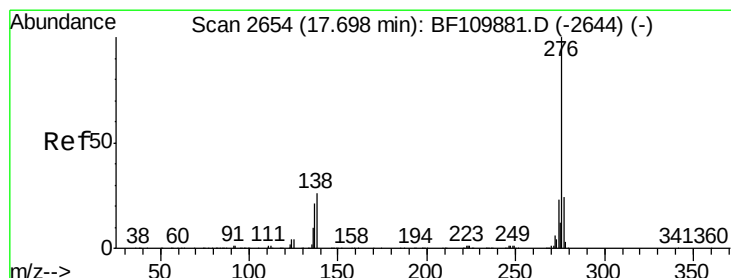
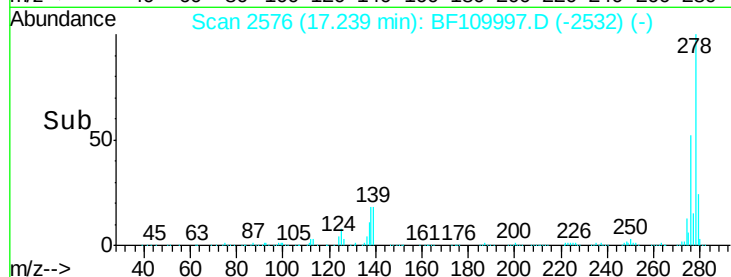
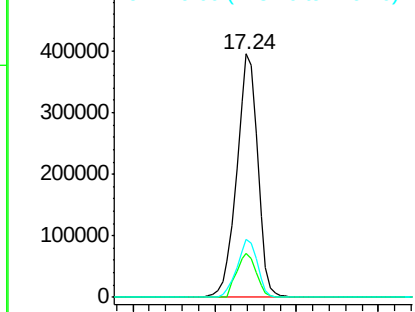
#91
Dibenzo(a,h)anthracene
Concen: 45.969 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.7	19.1
279	23.7	19.0	28.4

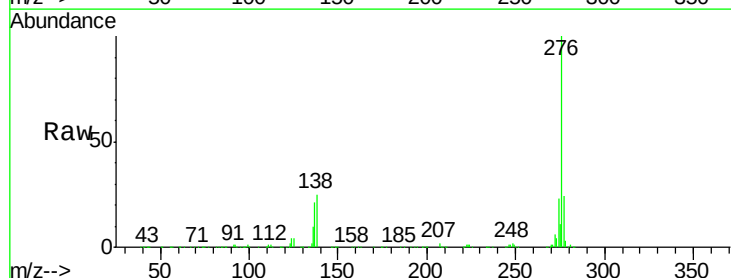


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.850 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF109997.D
Acq: 19 Oct 2018 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	24.9	16.0	24.0#



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

