

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099645.D
 Acq On : 19 Oct 2017 5:04
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 19 10:22:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	83153	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	295677	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	105207	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	182640	20.00	ng	-0.04
75) Chrysene-d12	13.998	240	190119	20.00	ng	-0.04
86) Perylene-d12	15.462	264	153313	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.451	112	467861	89.57	ng	-0.03
7) Phenol-d6	6.475	99	529459	82.17	ng	-0.02
23) Nitrobenzene-d5	7.398	82	399504	86.65	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	75139	87.28	ng	-0.04
44) 2-Fluorobiphenyl	9.180	172	660903	104.87	ng	-0.05
78) Terphenyl-d14	12.933	244	624485	74.70	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.557	88	106177	42.55	ng	91
3) Pyridine	3.340	79	261289	38.71	ng	90
4) n-Nitrosodimethylamine	3.293	42	97504	34.06	ng	# 71
6) Aniline	6.498	93	326134	37.50	ng	97
8) 2-Chlorophenol	6.622	128	251018	42.43	ng	92
9) Benzaldehyde	6.386	77	131623	35.21	ng	93
10) Phenol	6.486	94	301136	41.79	ng	95
11) bis(2-Chloroethyl)ether	6.569	93	229343	40.94	ng	94
12) 1,3-Dichlorobenzene	6.769	146	264620	42.71	ng	98
13) 1,4-Dichlorobenzene	6.845	146	267295	42.41	ng	99
14) 1,2-Dichlorobenzene	6.998	146	245692	42.19	ng	98
15) Benzyl Alcohol	6.975	79	161957	34.26	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	289621	33.18	ng	83
17) 2-Methylphenol	7.092	107	185712	38.37	ng	96
18) Hexachloroethane	7.333	117	75703	33.41	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	142053	34.53	ng	89
20) 3+4-Methylphenols	7.245	107	225853	36.89	ng	# 69
22) Acetophenone	7.245	105	306525	42.79	ng	# 99
24) Nitrobenzene	7.416	77	220087	42.08	ng	95
25) Isophorone	7.651	82	380248	39.89	ng	98
26) 2-Nitrophenol	7.733	139	109157	43.40	ng	# 83
27) 2,4-Dimethylphenol	7.769	122	192671	40.57	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	258515	43.52	ng	99
29) 2,4-Dichlorophenol	7.975	162	174188	42.71	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	181030	44.39	ng	99
31) Naphthalene	8.133	128	585516	42.16	ng	100
32) Benzoic acid	7.898	122	103402	26.50	ng	93
33) 4-Chloroaniline	8.186	127	238159	41.07	ng	96
34) Hexachlorobutadiene	8.245	225	94530	45.00	ng	99
35) Caprolactam	8.557	113	45773	34.99	ng	# 79
36) 4-Chloro-3-methylphenol	8.669	107	164130	35.81	ng	95
37) 2-Methylnaphthalene	8.822	142	352182	39.01	ng	98
39) 1,2,4,5-Tetrachloroben...	8.986	216	158845	50.63	ng	# 98
40) Hexachlorocyclopentadiene	8.969	237	4000	2.79	ng	90

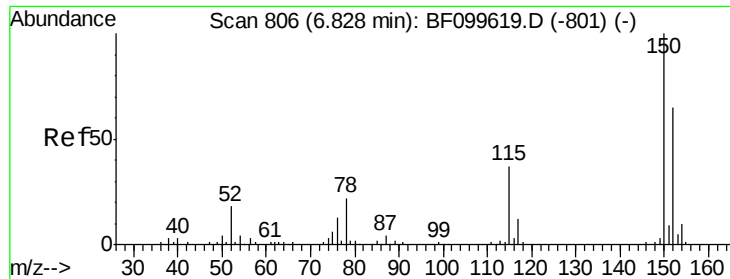
Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.104	196	99560	44.79	nq	99
43) 2,4,5-Trichlorophenol	9.151	196	98275	44.29	nq	95
45) 1,1'-Biphenyl	9.286	154	441803	48.86	nq	97
46) 2-Chloronaphthalene	9.316	162	314221	46.28	nq	95
47) 2-Nitroaniline	9.416	65	85020	40.90	nq	91
48) Acenaphthylene	9.727	152	460254	44.29	nq	99
49) Dimethylphthalate	9.580	163	372476	46.91	nq	100
50) 2,6-Dinitrotoluene	9.651	165	73484	42.51	nq	90
51) Acenaphthene	9.898	154	267653	40.66	nq	99
52) 3-Nitroaniline	9.827	138	90885	45.09	nq	92
53) 2,4-Dinitrophenol	9.957	184	1375	7.24	nq	92
54) Dibenzofuran	10.069	168	371958	42.44	nq	98
55) 4-Nitrophenol	9.998	139	74415	43.66	nq	86
56) 2,4-Dinitrotoluene	10.063	165	83770	37.34	nq	93
57) Fluorene	10.416	166	308531	43.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.192	232	60979	39.78	nq	# 97
59) Diethylphthalate	10.280	149	326944	42.14	nq	97
60) 4-Chlorophenyl-phenyle...	10.404	204	138956	43.91	nq	90
61) 4-Nitroaniline	10.439	138	93410	48.03	nq	86
62) Azobenzene	10.563	77	257501	36.09	nq	91
64) 4,6-Dinitro-2-methylph...	10.480	198	5288	4.76	nq	74
65) n-Nitrosodiphenylamine	10.521	169	267324	42.25	nq	99
66) 4-Bromophenyl-phenylether	10.892	248	76326	42.69	nq	# 90
67) Hexachlorobenzene	10.963	284	83554	43.76	nq	94
68) Atrazine	11.045	200	65125	34.21	nq	99
69) Pentachlorophenol	11.163	266	46228	38.90	nq	100
70) Phenanthrene	11.374	178	437265	44.73	nq	98
71) Anthracene	11.427	178	445155	44.50	nq	99
72) Carbazole	11.586	167	442615	45.19	nq	99
73) Di-n-butylphthalate	11.904	149	502994	42.66	nq	98
74) Fluoranthene	12.568	202	496997	50.20	nq	98
76) Benzidine	12.692	184	292134	41.54	nq	98
77) Pyrene	12.798	202	522585	36.05	nq	100
79) Butylbenzylphthalate	13.404	149	250344	36.74	nq	89
80) Benzo(a)anthracene	13.986	228	479839	41.68	nq	99
81) 3,3'-Dichlorobenzidine	13.945	252	188324	44.62	nq	98
82) Chrysene	14.027	228	463909	42.33	nq	99
83) Bis(2-ethylhexyl)phtha...	13.957	149	358668	38.23	nq	99
84) Di-n-octyl phthalate	14.568	149	682496	45.18	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.945	276	331951	37.86	nq	97
87) Benzo(b)fluoranthene	15.033	252	424385	45.02	nq	# 95
88) Benzo(k)fluoranthene	15.062	252	399731	42.93	nq	98
89) Benzo(a)pyrene	15.403	252	370892	42.86	nq	98
90) Dibenzo(a,h)anthracene	16.945	278	279401	40.35	nq	96
91) Benzo(g,h,i)perylene	17.392	276	266613	38.95	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

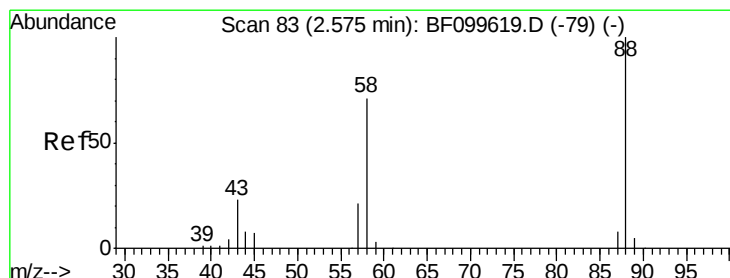
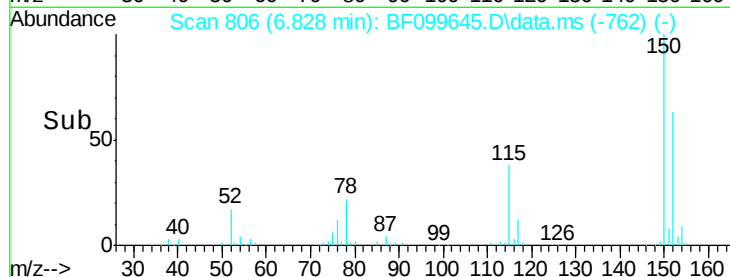
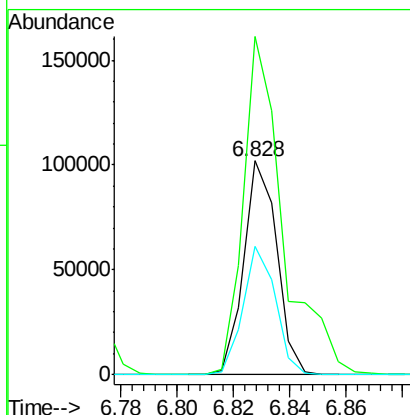
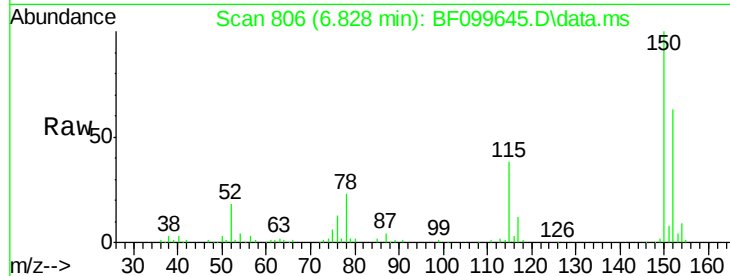
Tot Ion:152 Resp: 83153

Ion Ratio Lower Upper

152 100

150 158.1 124.6 186.8

115 59.7 50.1 75.1



#2

1,4-Dioxane

Concen: 42.55 ng

RT: 2.557 min Scan# 80

Delta R.T. -0.077 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

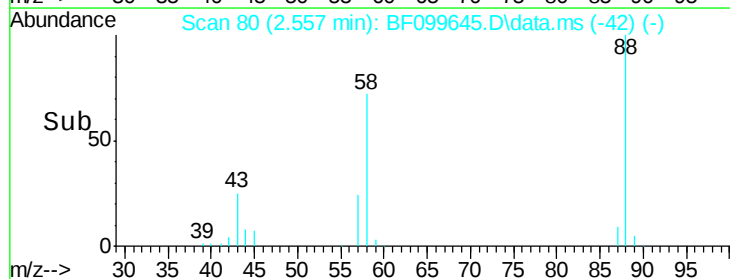
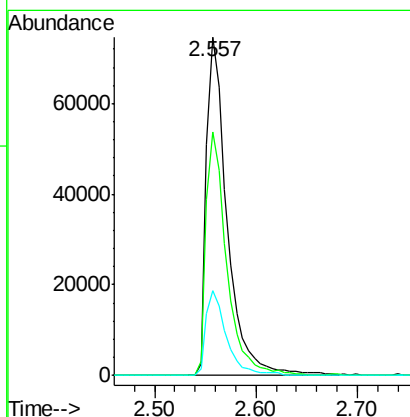
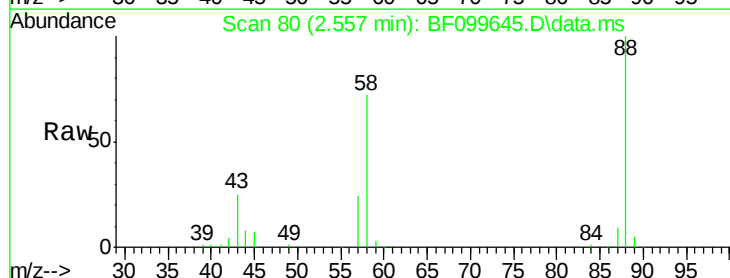
Tgt Ion: 88 Resp: 106177

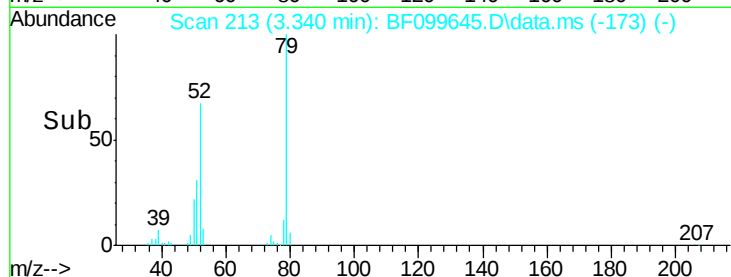
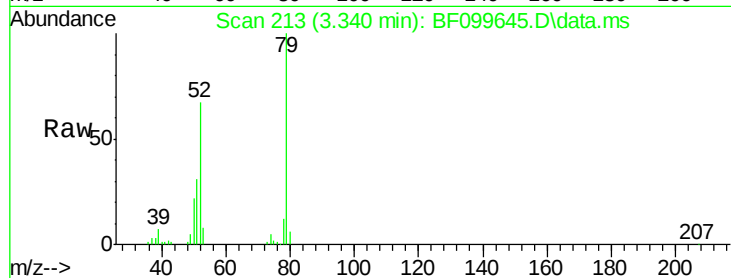
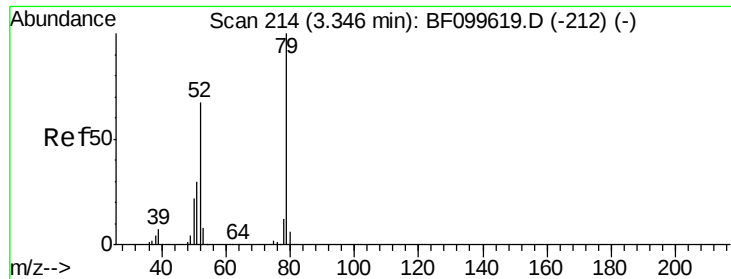
Ion Ratio Lower Upper

88 100

58 71.3 62.6 93.8

43 24.6 24.6 37.0

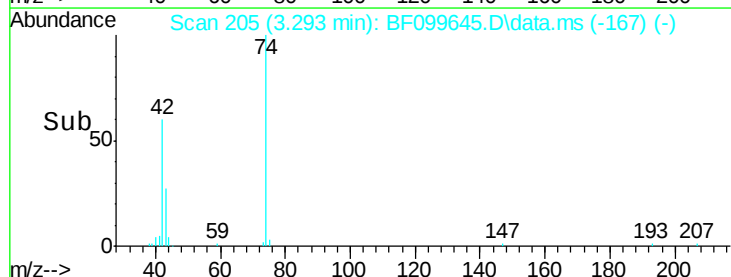
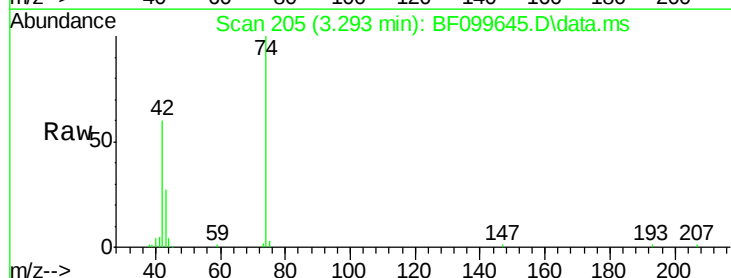
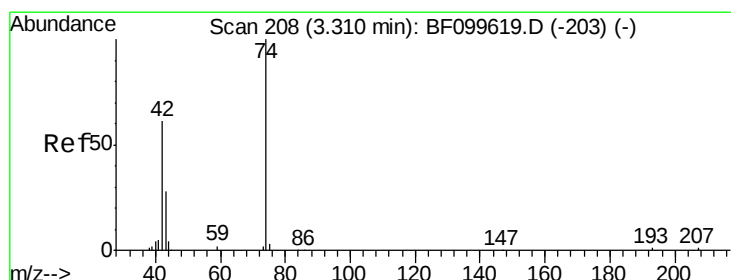
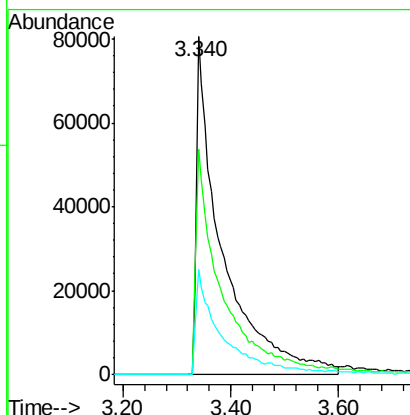




#3
 Pvridine
 Concen: 38.71 ng
 RT: 3.340 min Scan# 21
 Delta R.T. -0.065 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

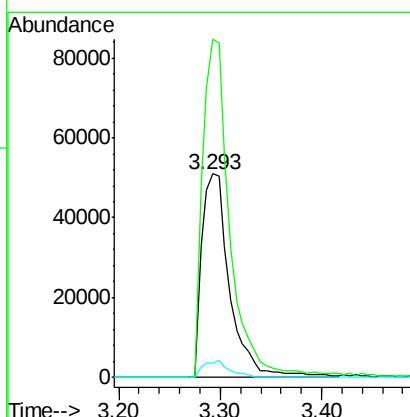
Instrument :
 BNA_F
 ClientSampleId :
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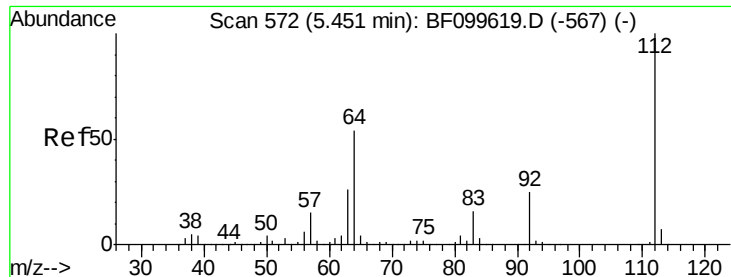
Tot Ion	Ratio	Lower	Upper
79	100		
52	66.8	59.8	89.6
51	31.1	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.06 ng
 RT: 3.293 min Scan# 205
 Delta R.T. -0.077 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.5	104.9	157.3#
44	7.2	6.9	10.3

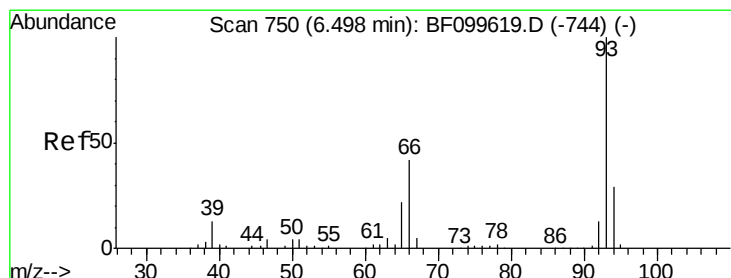
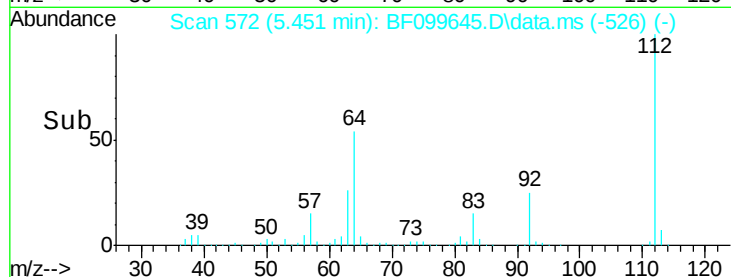
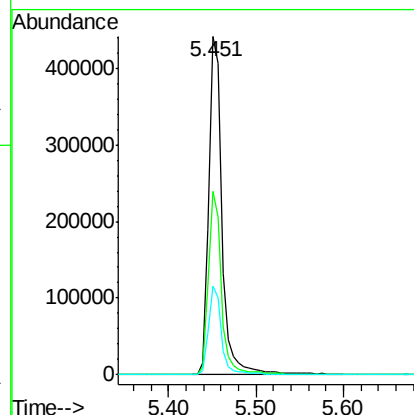
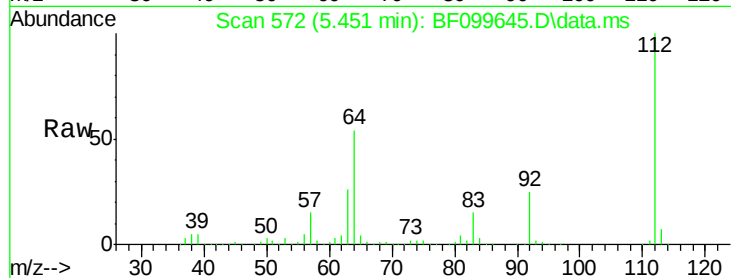




#5
 2-Fluorophenol
 Concen: 89.57 ng
 RT: 5.451 min Scan# 57
 Delta R.T. -0.030 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

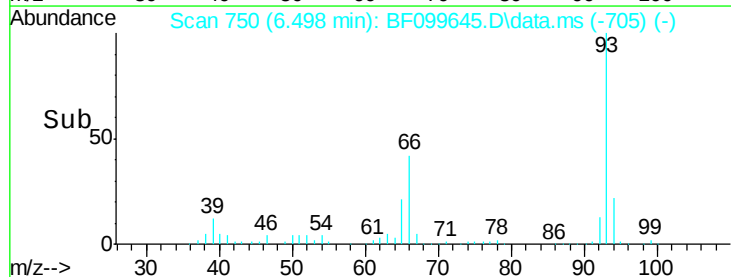
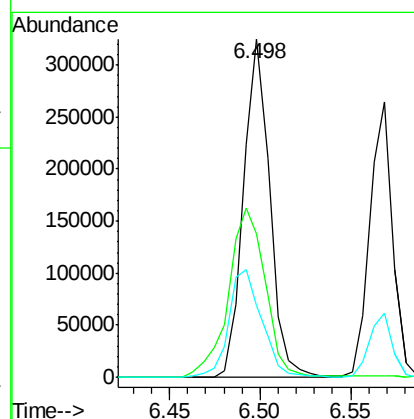
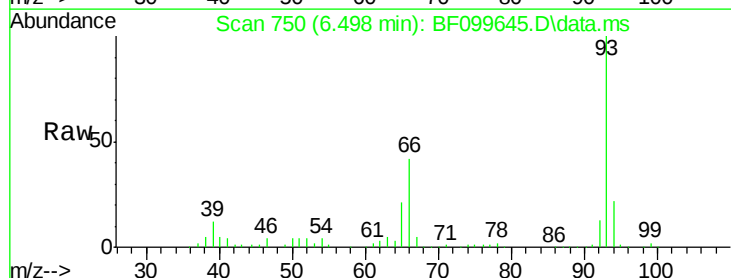
Instrument :
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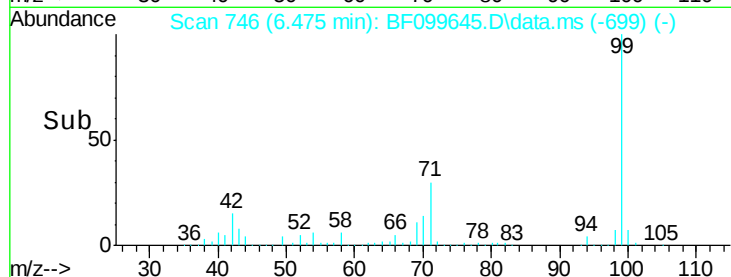
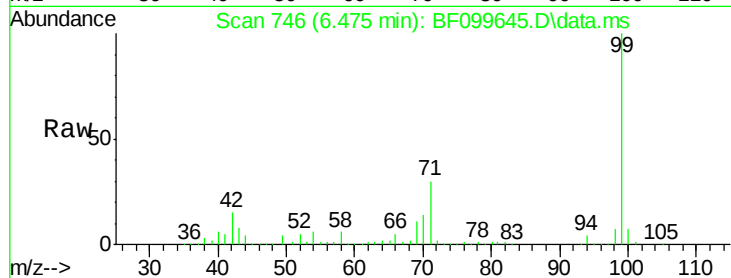
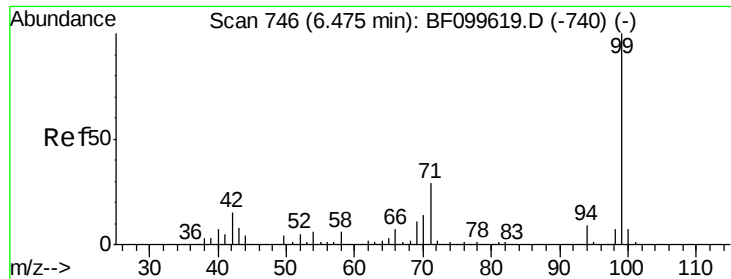
Tot Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	26.3	23.7	35.5



#6
 Aniline
 Concen: 37.50 ng
 RT: 6.498 min Scan# 750
 Delta R.T. -0.035 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.4	32.2	48.2
65	21.4	16.4	24.6





#7

Phenol-d6

Concen: 82.17 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.024 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

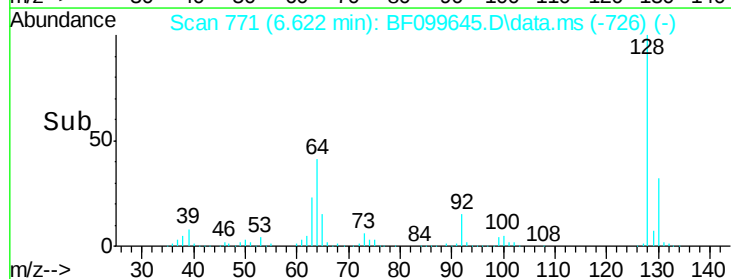
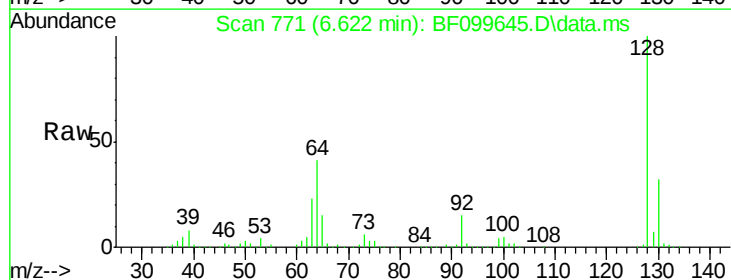
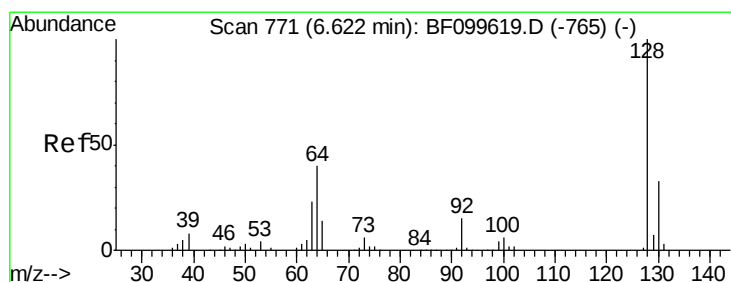
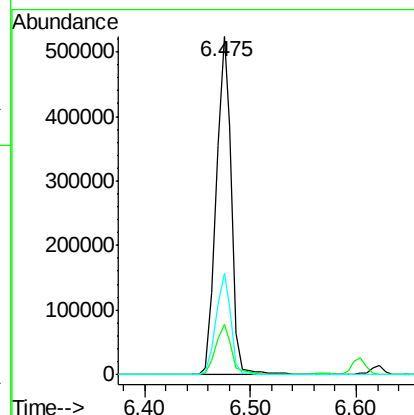
Tot Ion: 99 Resp: 529459

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 29.8 25.4 38.0



#8

2-Chlorophenol

Concen: 42.43 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

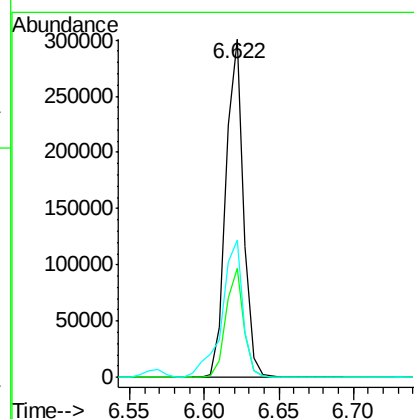
Tgt Ion: 128 Resp: 251018

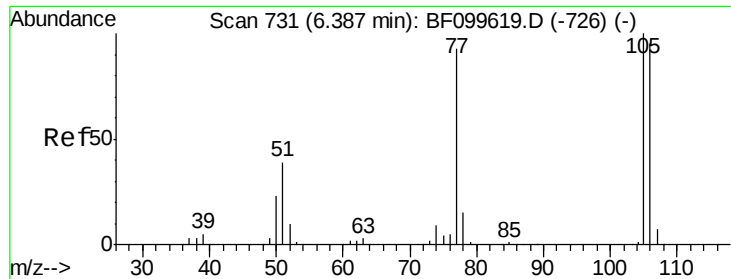
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 40.7 29.4 69.4

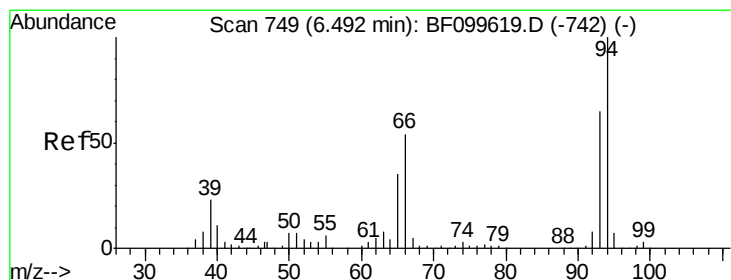
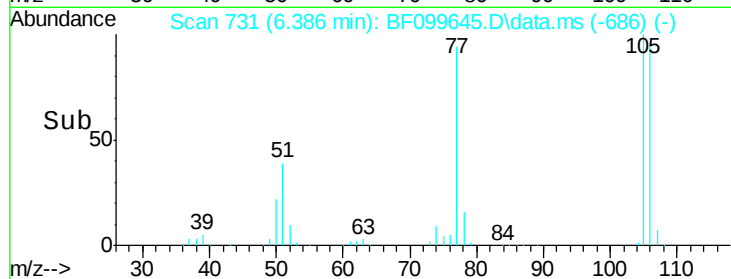
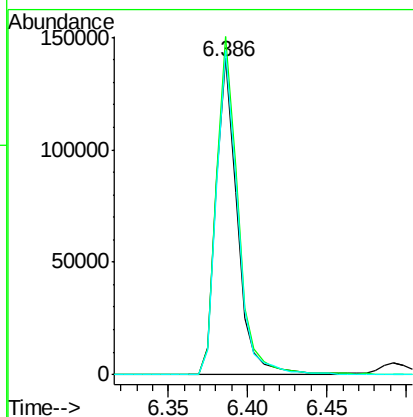
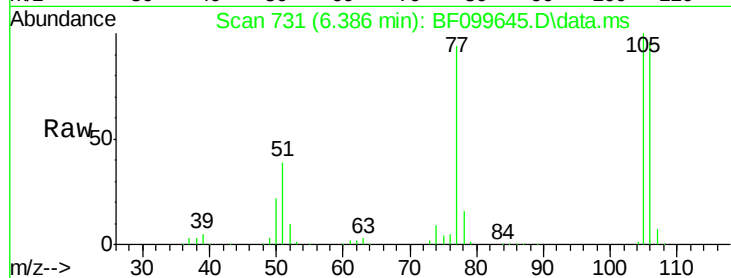




#9
Benzaldehyde
Concen: 35.21 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.035 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

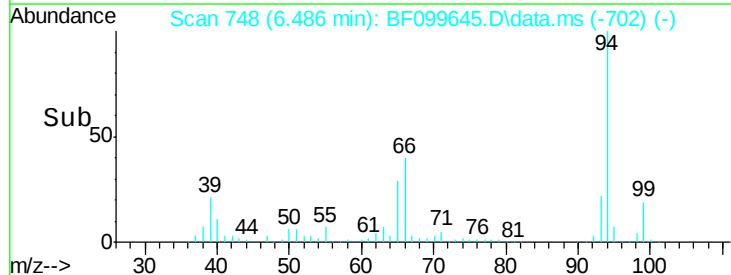
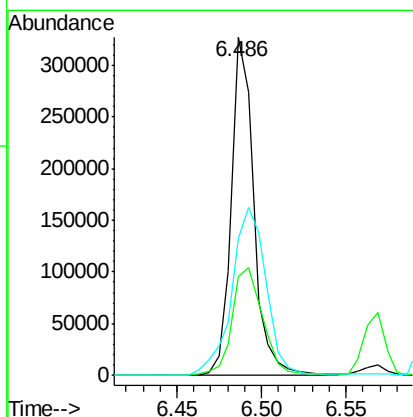
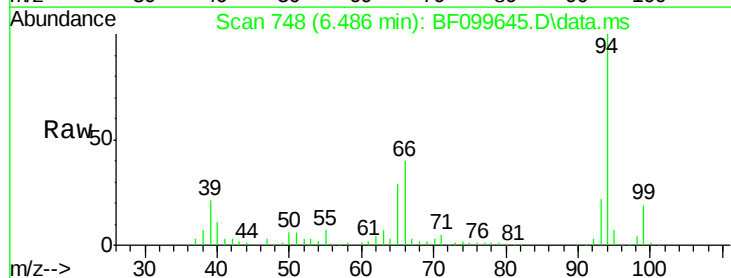
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

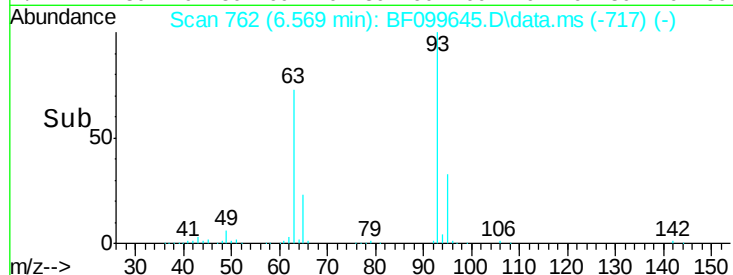
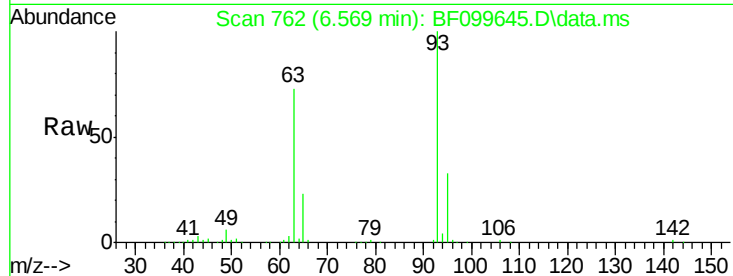
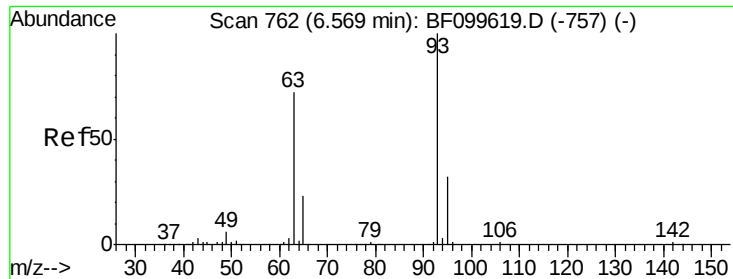
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Ion Ratio Lower Upper
77 100
105 106.7 81.1 121.1
106 102.2 74.5 114.5



#10
Phenol
Concen: 41.79 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.030 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 94 Resp: 301136
Ion Ratio Lower Upper
94 100
65 29.2 7.9 47.9
66 40.5 16.2 56.2

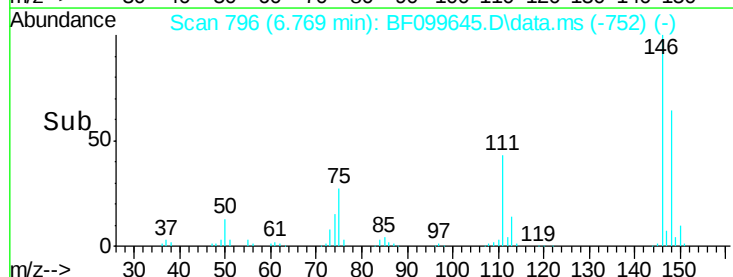
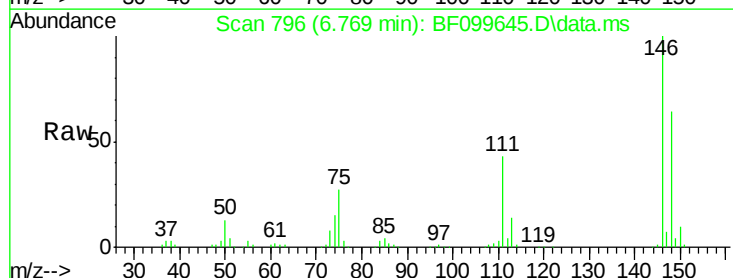
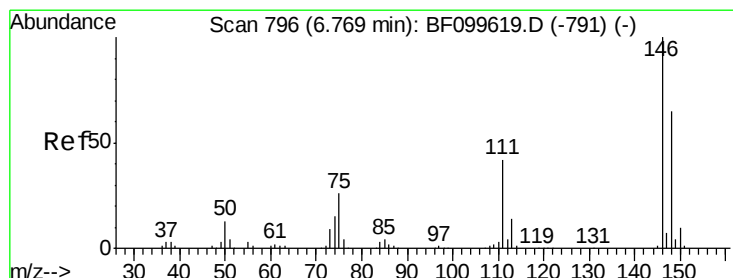
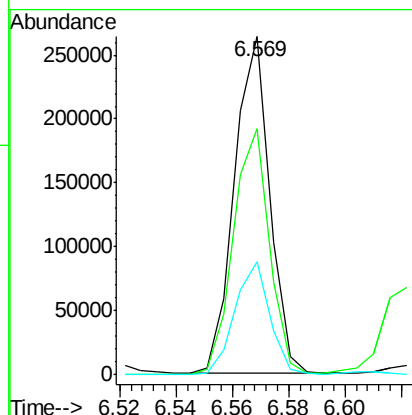




#11
bis(2-Chloroethyl)ether
Concen: 40.94 ng
RT: 6.569 min Scan# 76
Delta R.T. -0.035 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

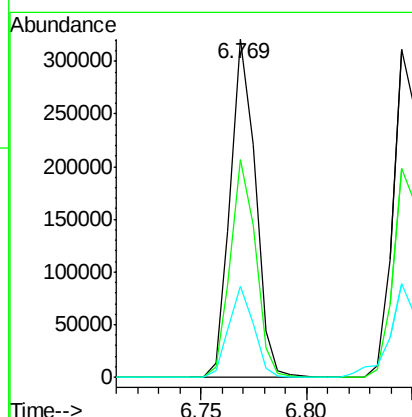
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

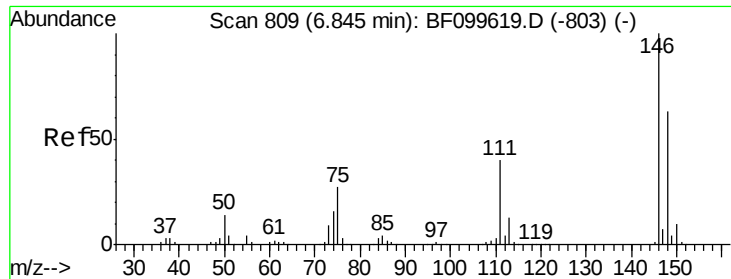
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	58.6	98.6
95	33.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 42.71 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	27.0	24.2	36.4

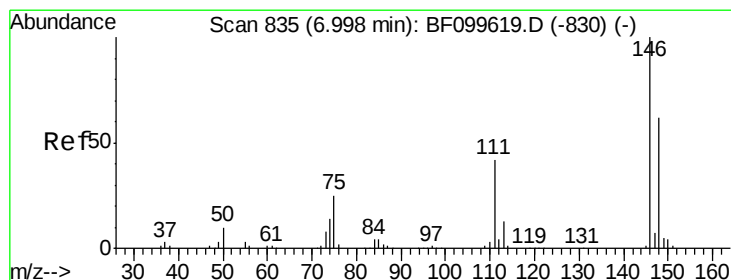
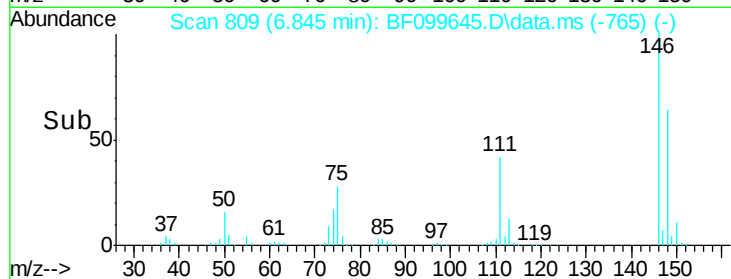
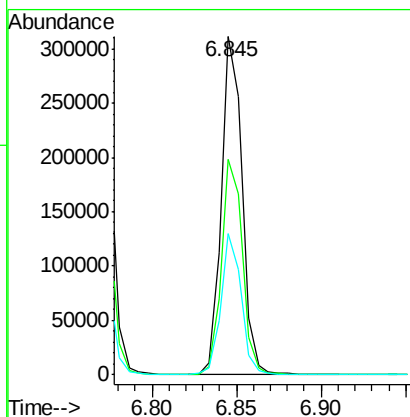
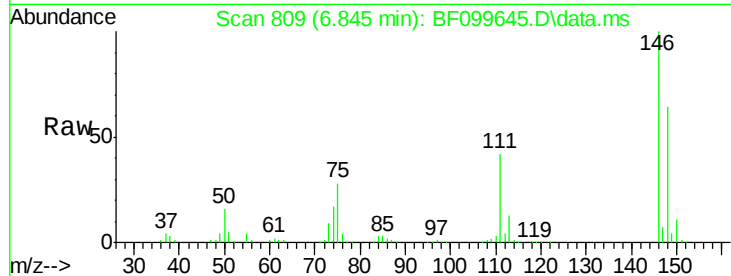




#13
 1,4-Dichlorobenzene
 Concen: 42.41 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

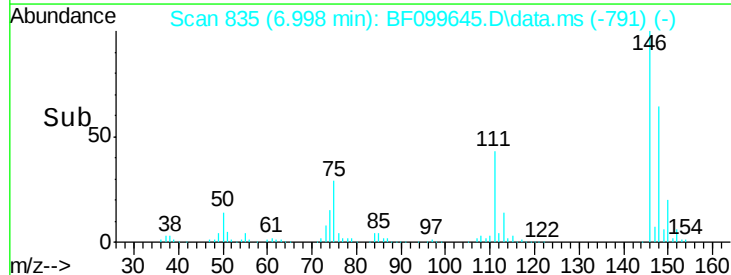
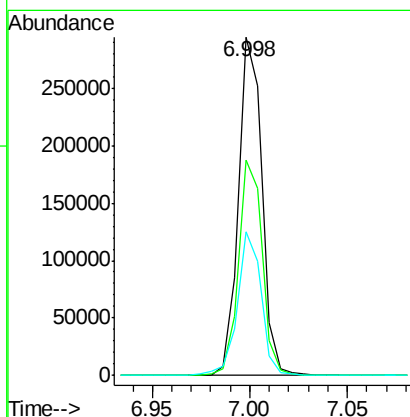
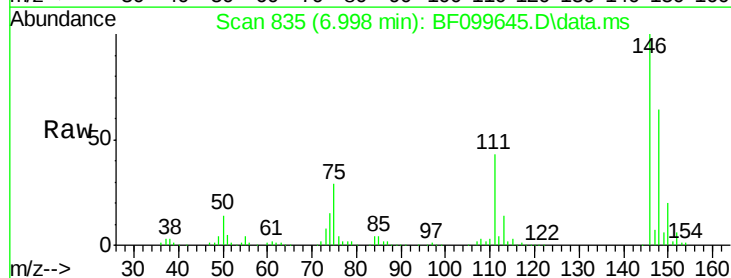
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

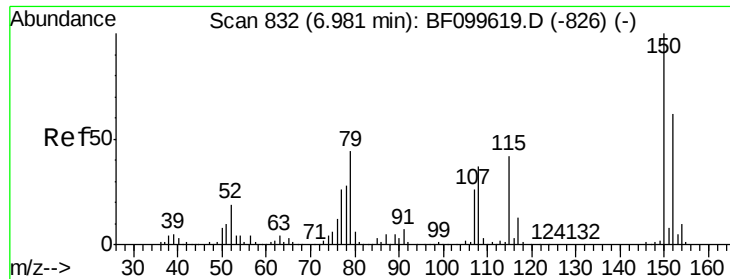
Tot Ion:146 Resp: 267295
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.19 ng
 RT: 6.998 min Scan# 835
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:146 Resp: 245692
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 42.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.26 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

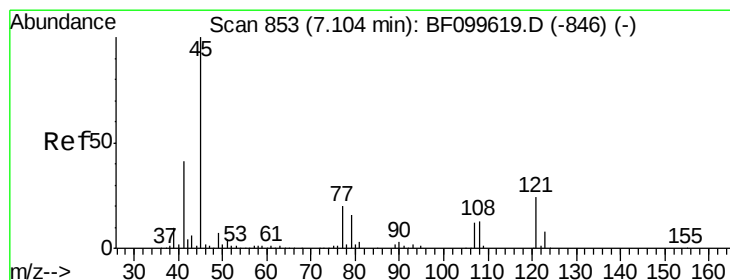
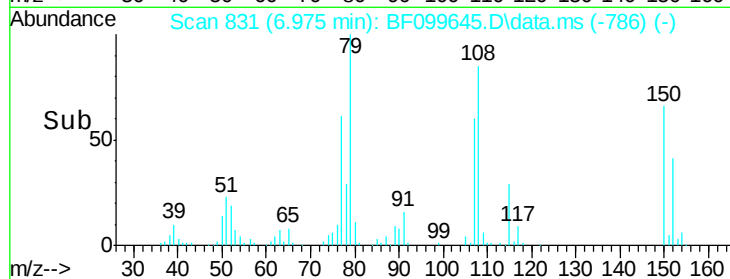
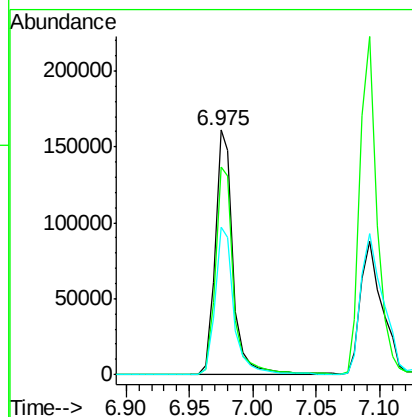
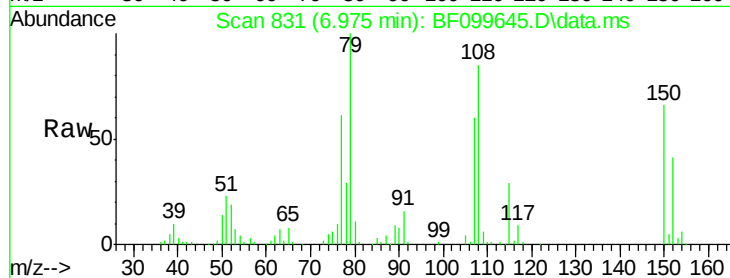
Tot Ion: 79 Resp: 161957

Ion Ratio Lower Upper

79 100

108 85.2 65.1 97.7

77 60.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.18 ng

RT: 7.104 min Scan# 853

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

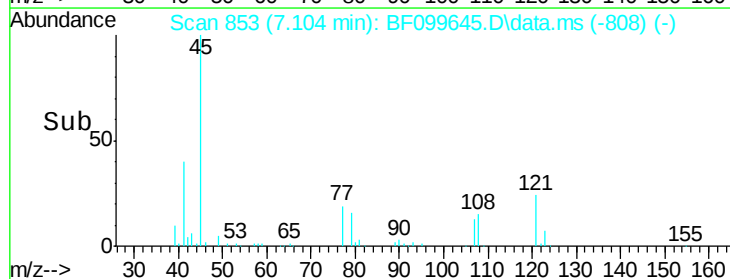
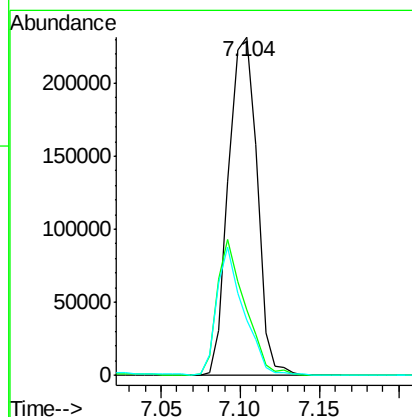
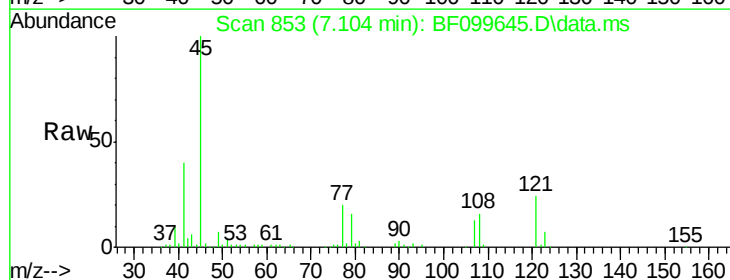
Tgt Ion: 45 Resp: 289621

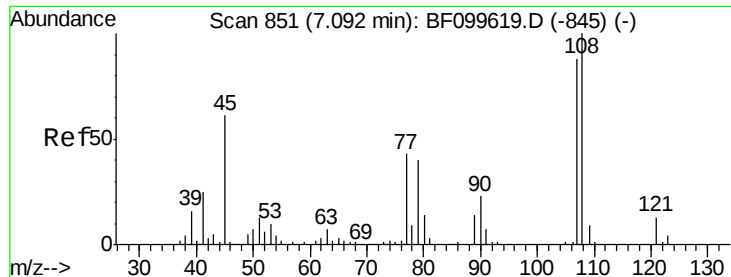
Ion Ratio Lower Upper

45 100

77 19.5 0.0 32.9

79 16.3 0.0 29.6





#17

2-Methylphenol

Concen: 38.37 ng

RT: 7.092 min Scan# 851

Delta R.T. -0.024 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 185712

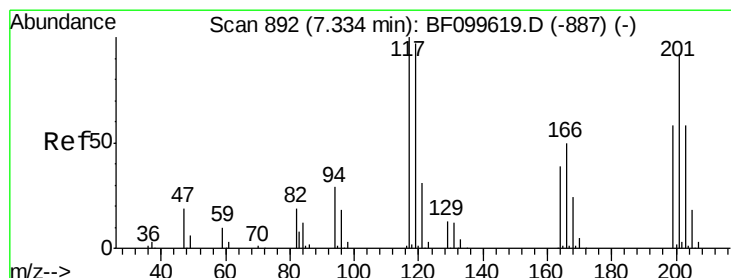
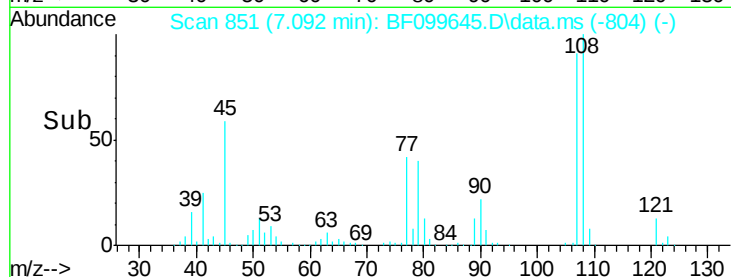
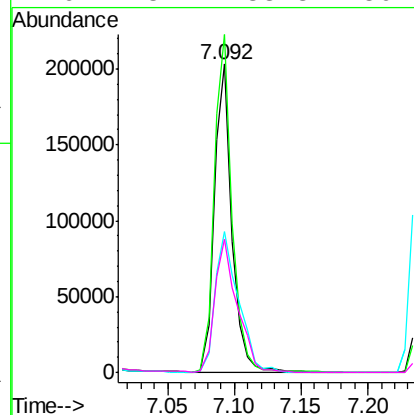
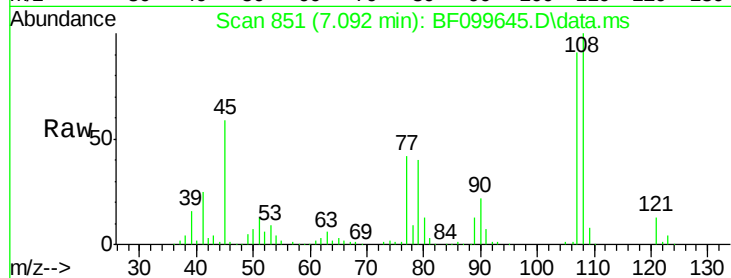
Ion Ratio Lower Upper

107 100

108 109.7 91.7 137.5

77 46.0 33.8 50.8

79 43.4 33.8 50.8



#18

Hexachloroethane

Concen: 33.41 ng

RT: 7.333 min Scan# 892

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

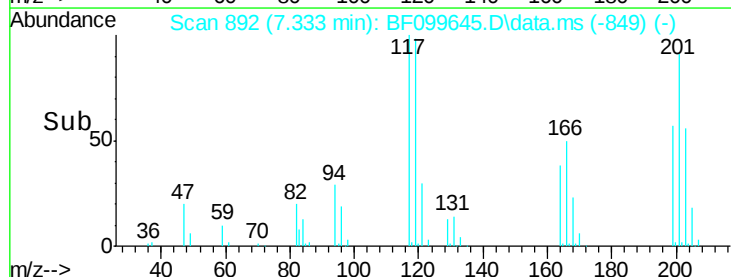
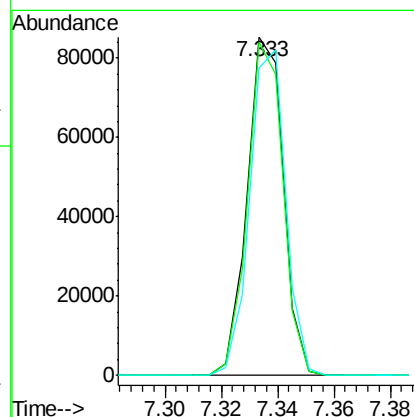
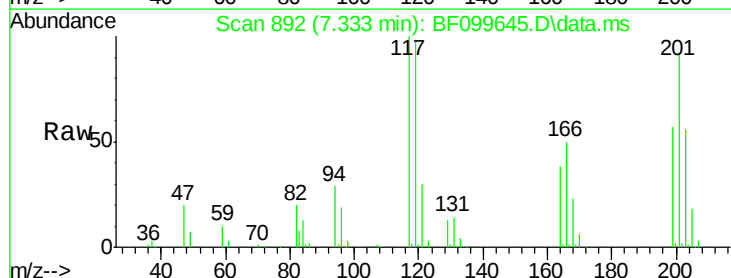
Tgt Ion:117 Resp: 75703

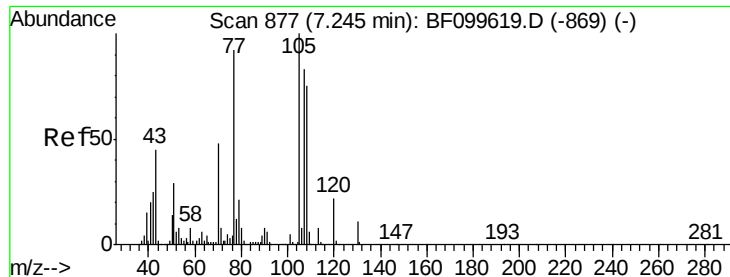
Ion Ratio Lower Upper

117 100

119 98.5 75.8 113.8

201 91.1 75.7 113.5

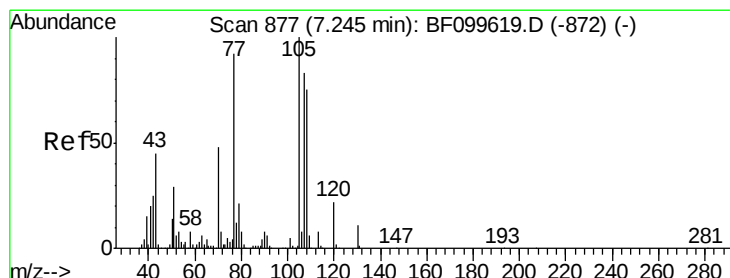
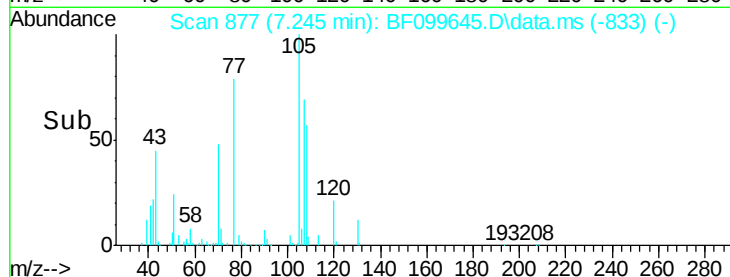
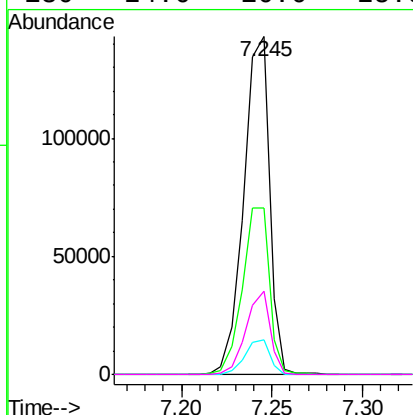
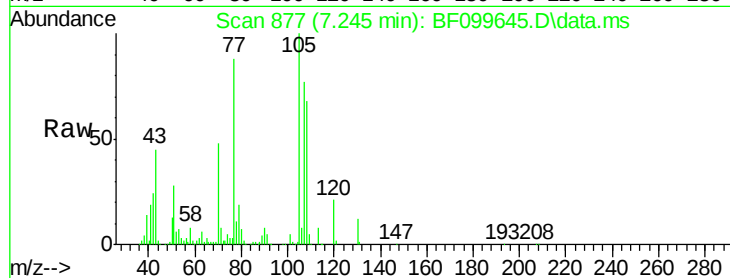




#19
n-Nitroso-di-n-propylamine
Concen: 34.53 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

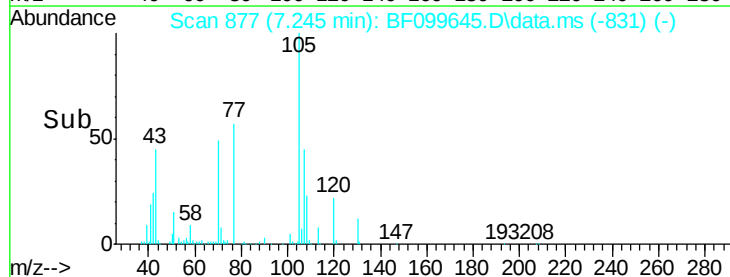
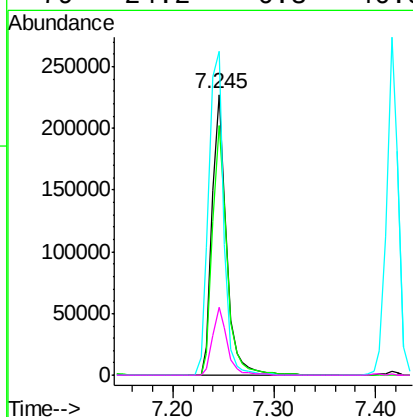
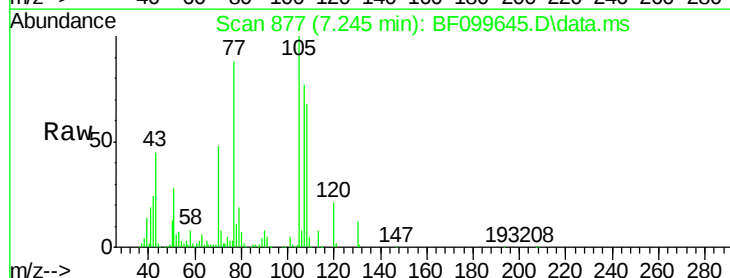
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

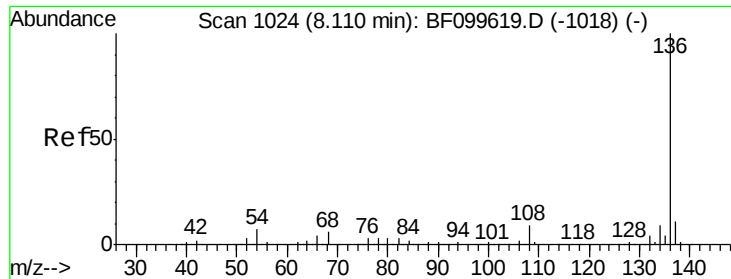
Tot Ion:	70	Resp:	142053
Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	10.2	7.4	11.2
130	24.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.89 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.030 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:	107	Resp:	225853
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	115.4	26.7	66.7#
79	24.2	6.3	46.3

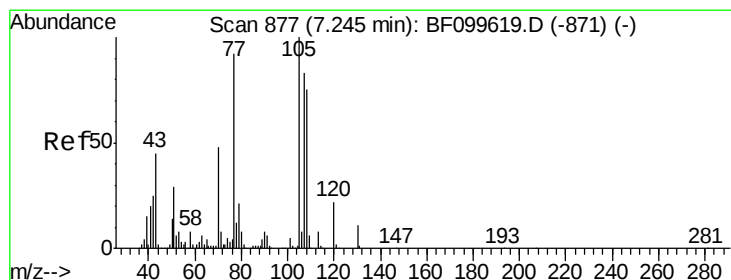
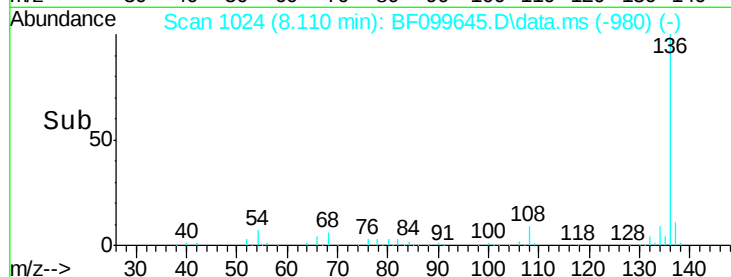
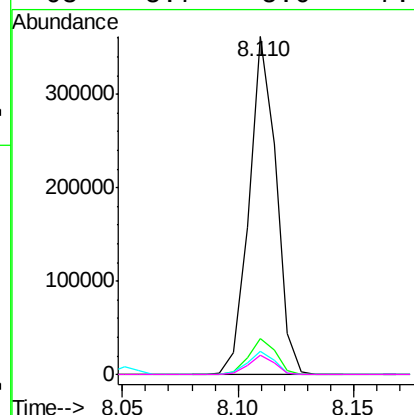
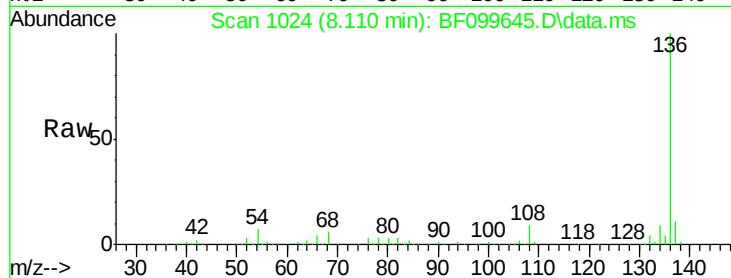




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

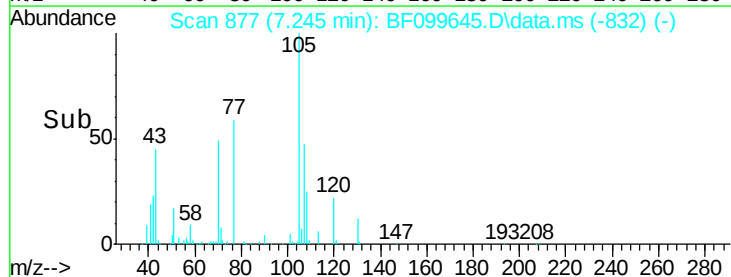
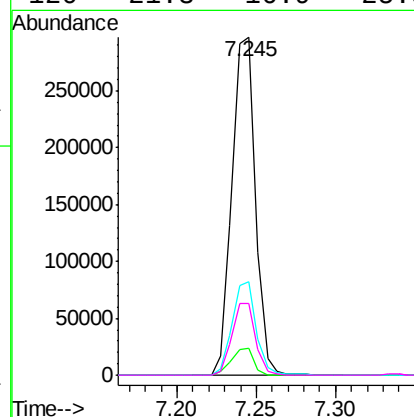
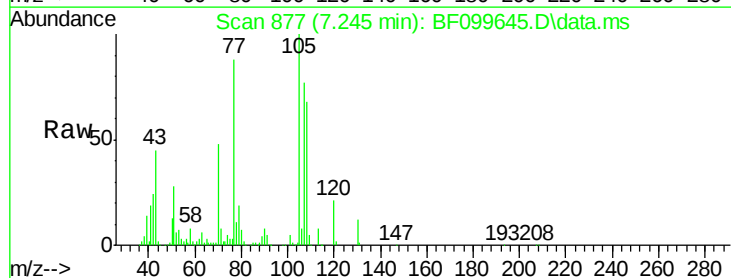
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

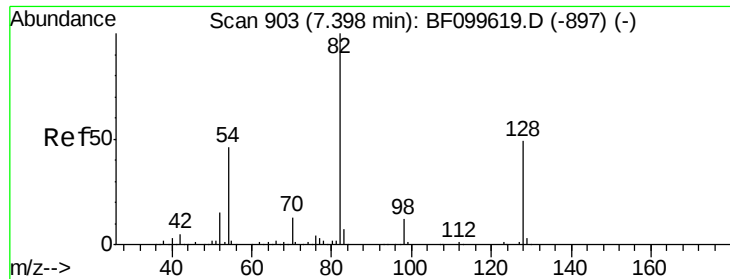
Tot Ion:136	Resp:	295677
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.0	6.6 9.8
68	5.7	5.0 7.4



#22
Acetophenone
Concen: 42.79 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.035 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:105	Resp:	306525
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.4 6.6#
51	27.5	22.3 33.5
120	21.3	16.9 25.3

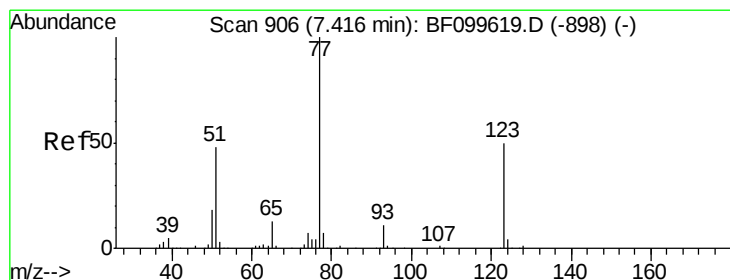
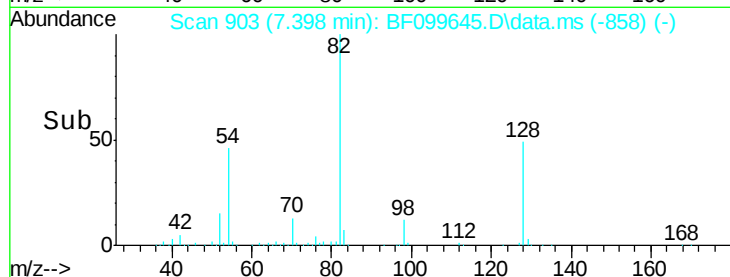
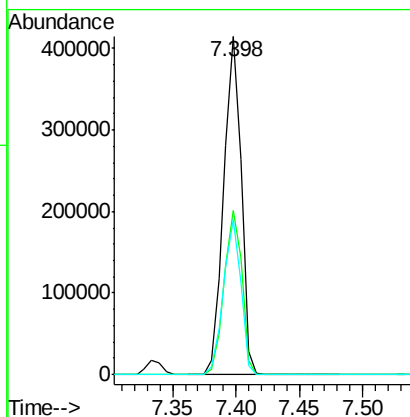
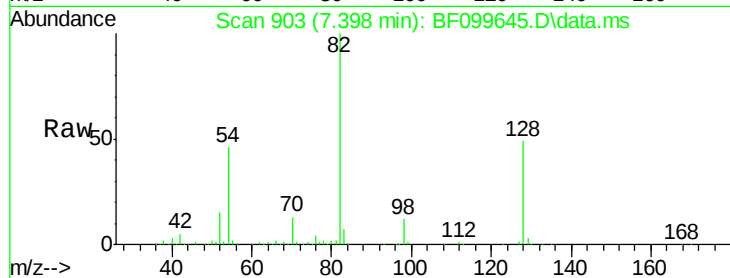




#23
Nitrobenzene-d5
Concen: 86.65 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.035 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

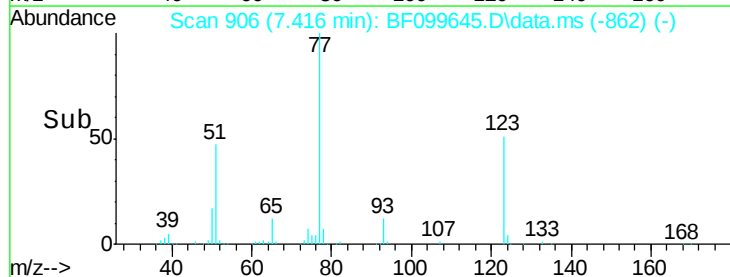
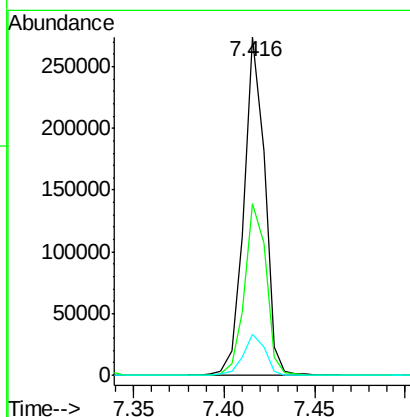
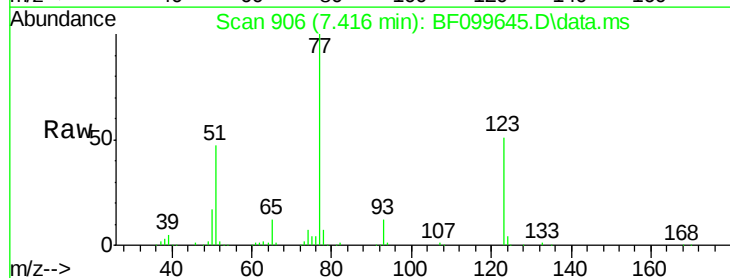
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

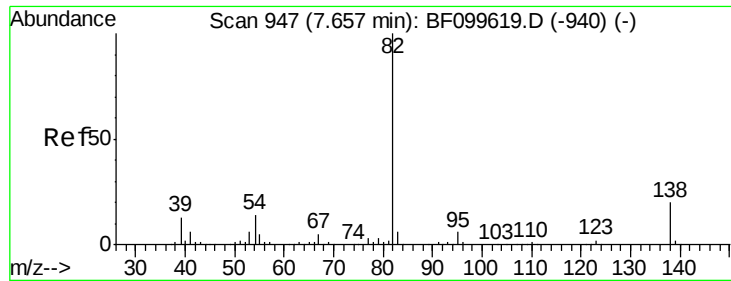
Tot Ion	82	Resp	399504
Ion Ratio	100	Lower	Upper
128	48.7	36.1	54.1
54	45.7	41.4	62.2



#24
Nitrobenzene
Concen: 42.08 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	77	Resp	220087
Ion Ratio	100	Lower	Upper
123	50.9	37.9	56.9
65	12.1	11.0	16.4





#25

Isophorone

Concen: 39.89 ng

RT: 7.651 min Scan# 94

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

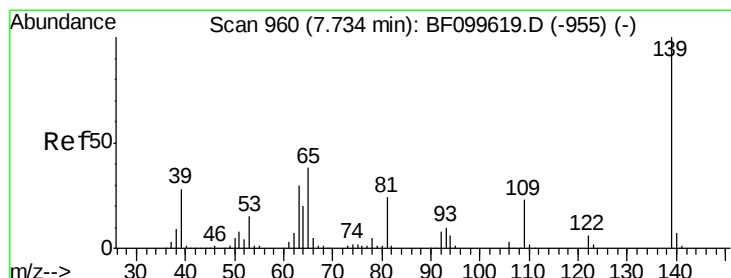
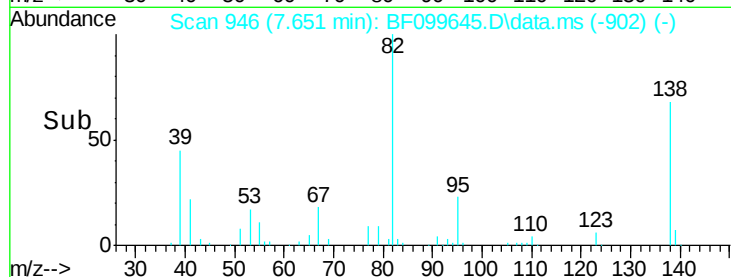
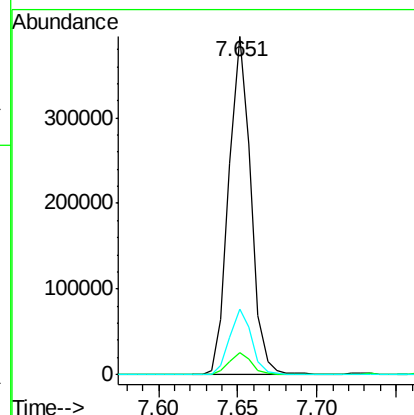
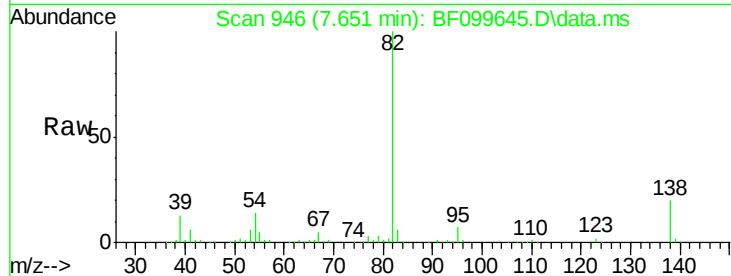
Tot Ion: 82 Resp: 380248

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 43.40 ng

RT: 7.733 min Scan# 960

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

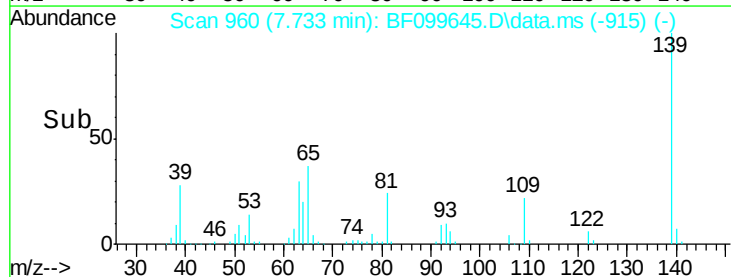
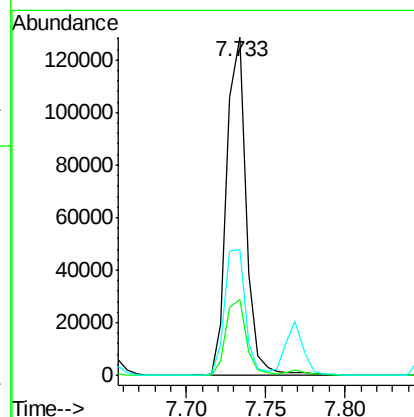
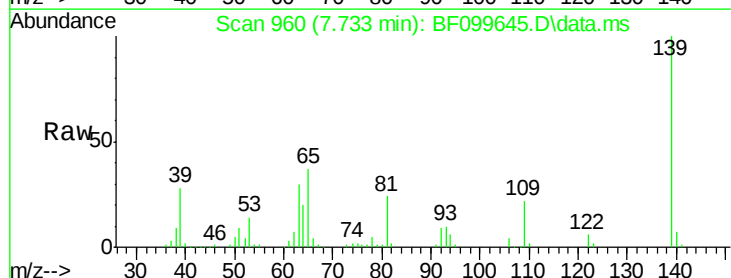
Tgt Ion: 139 Resp: 109157

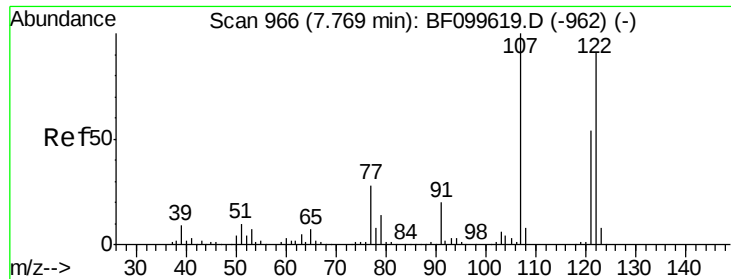
Ion Ratio Lower Upper

139 100

109 22.3 22.7 34.1#

65 37.1 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 40.57 ng

RT: 7.769 min Scan# 96

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

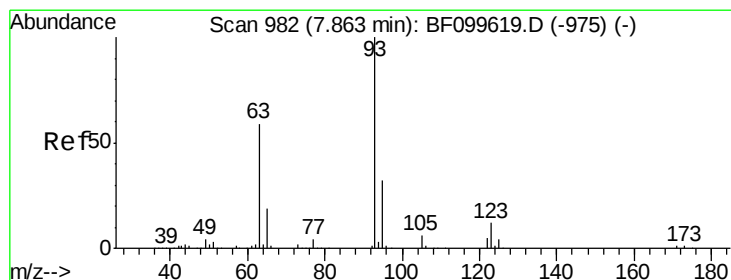
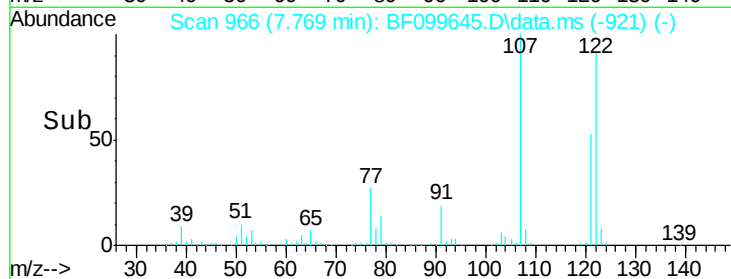
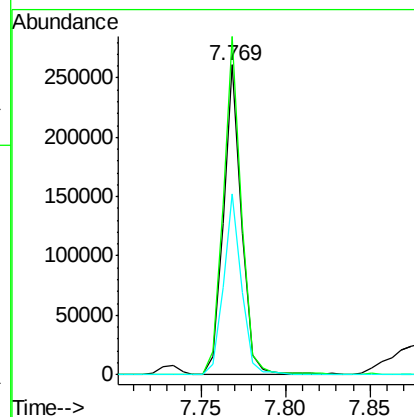
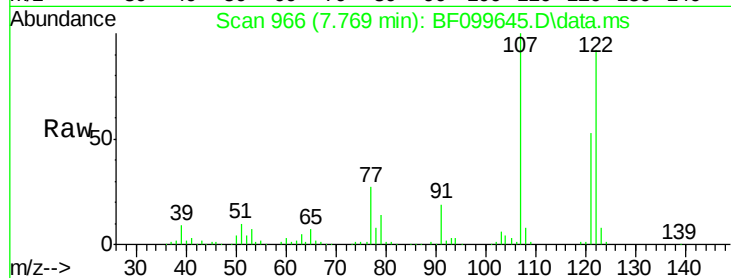
Tot Ion:122 Resp: 192671

Ion Ratio Lower Upper

122 100

107 109.2 91.2 136.8

121 58.4 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.52 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

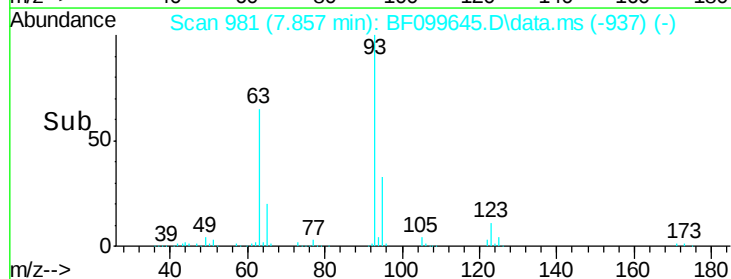
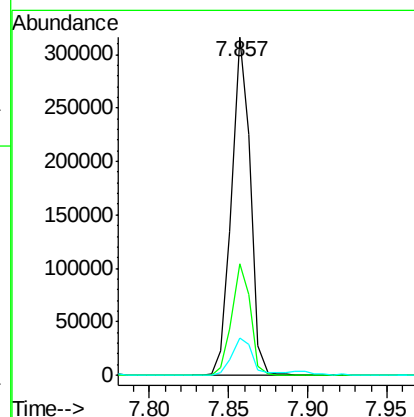
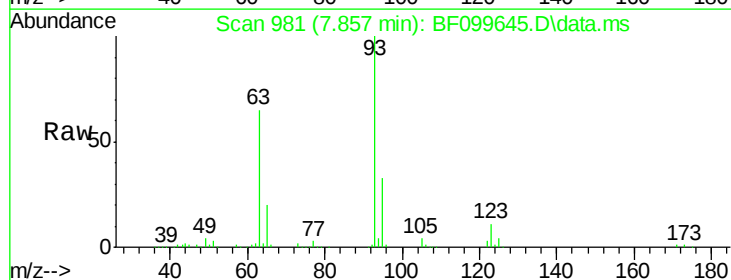
Tgt Ion: 93 Resp: 258515

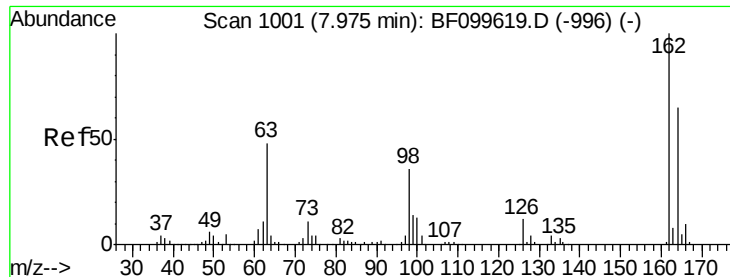
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 11.0 9.8 14.6

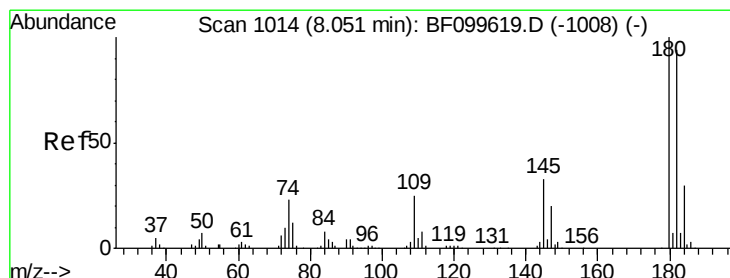
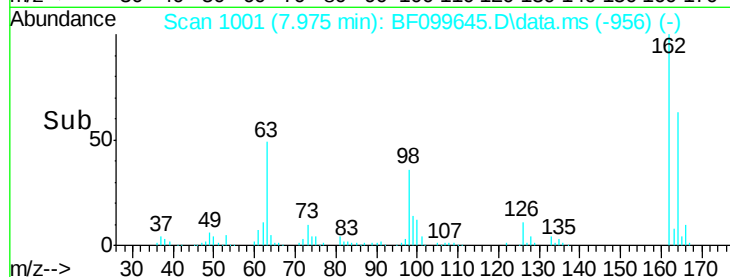
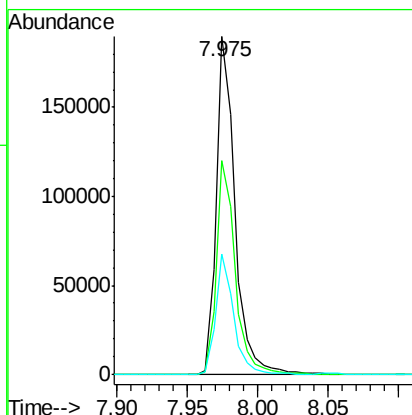
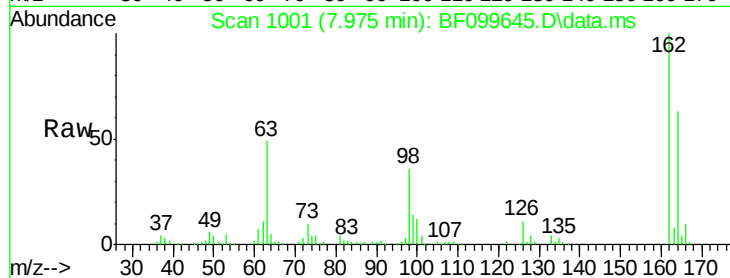




#29
 2,4-Dichlorophenol
 Concen: 42.71 ng
 RT: 7.975 min Scan# 1001
 Delta R.T. -0.035 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

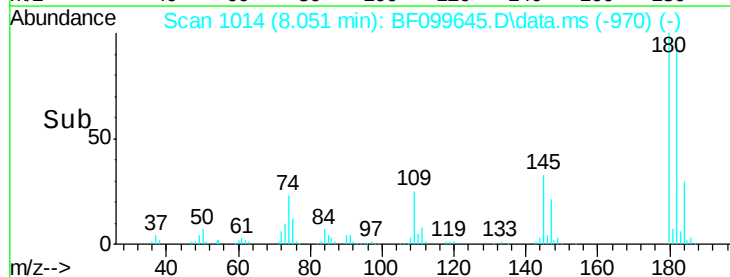
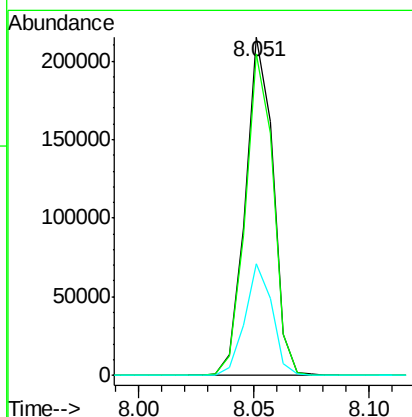
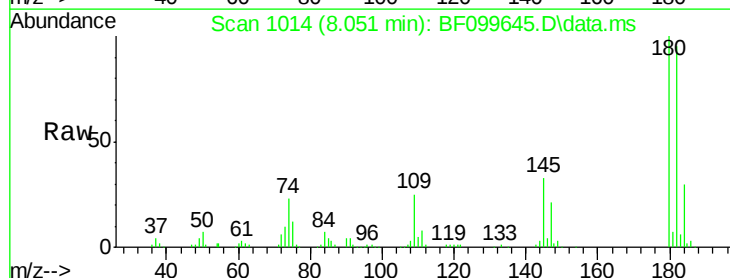
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

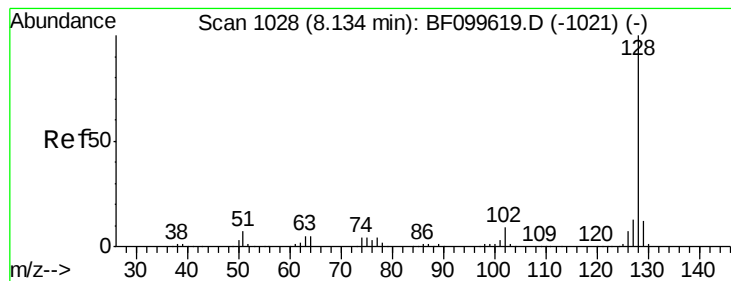
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	35.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.39 ng
 RT: 8.051 min Scan# 1014
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	32.8	26.5	39.7





#31

Naphthalene

Concen: 42.16 ng

RT: 8.133 min Scan# 10

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

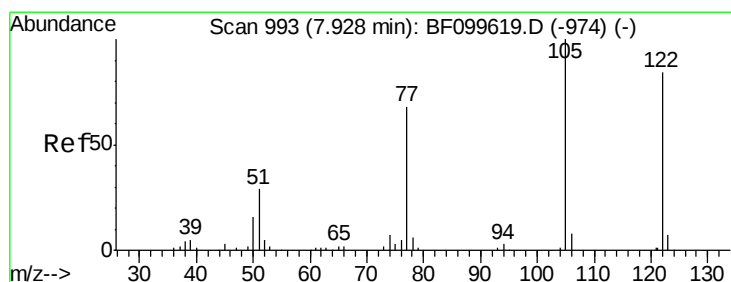
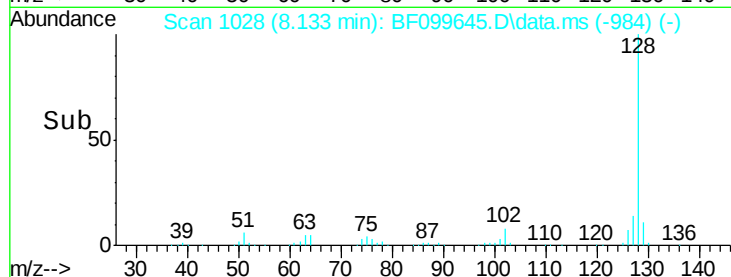
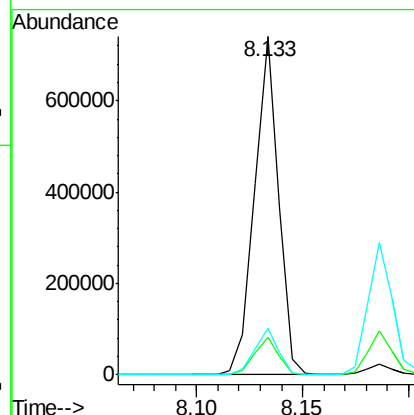
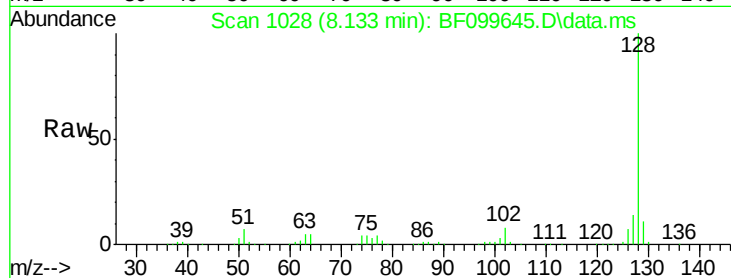
Tot Ion:128 Resp: 585516

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 26.50 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

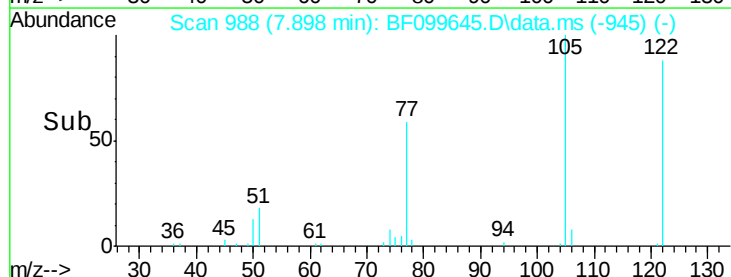
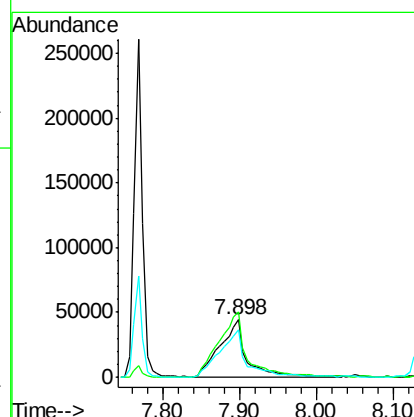
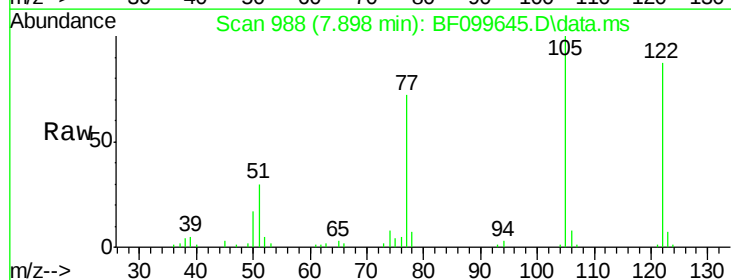
Tgt Ion:122 Resp: 103402

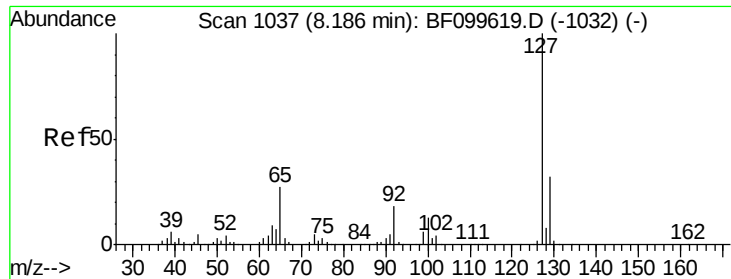
Ion Ratio Lower Upper

122 100

105 114.5 101.1 141.1

77 82.0 70.7 110.7

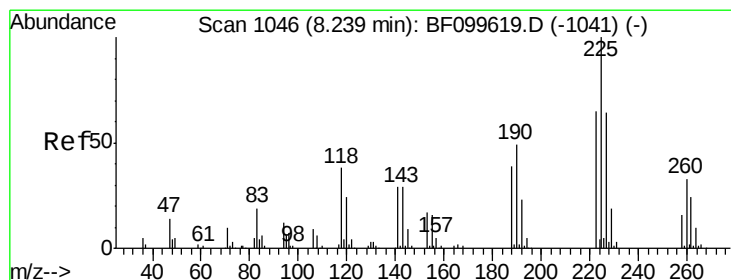
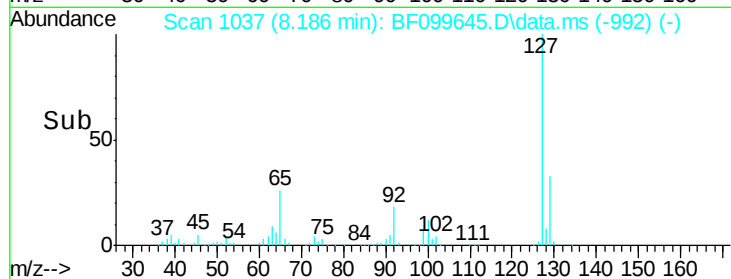
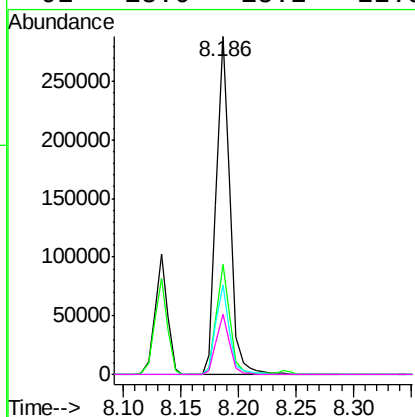
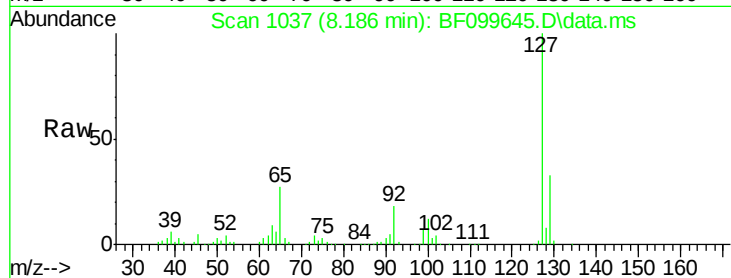




#33
4-Chloroaniline
Concen: 41.07 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.035 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

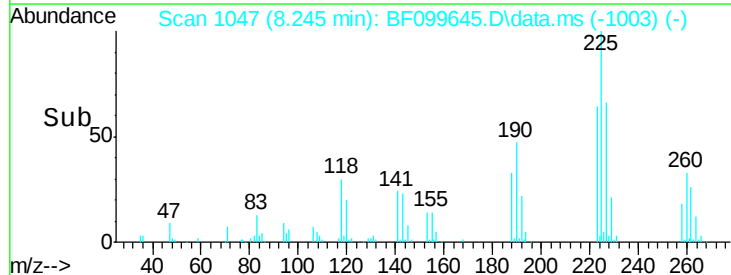
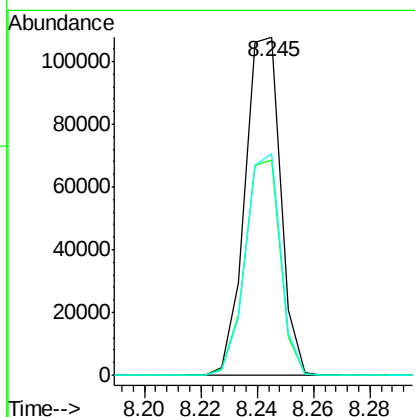
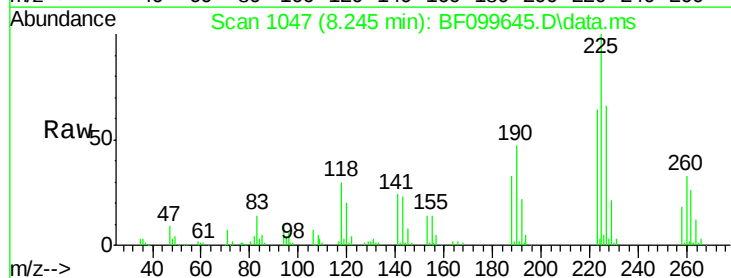
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

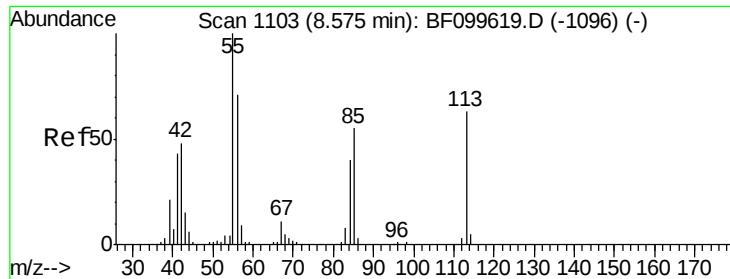
Tot Ion:	127	Resp:	238159
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	26.5	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 45.00 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion:	225	Resp:	94530
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.6	76.0
227	65.6	51.9	77.9





#35

Caprolactam

Concen: 34.99 ng

RT: 8.557 min Scan# 1110

Delta R.T. -0.053 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

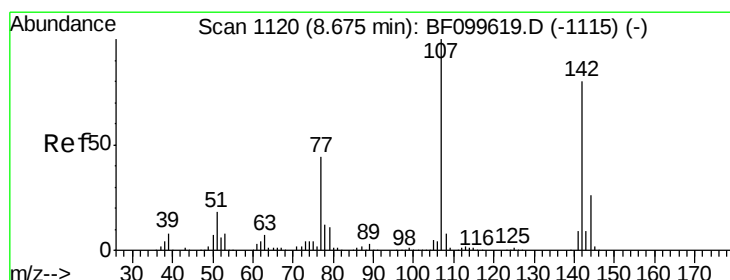
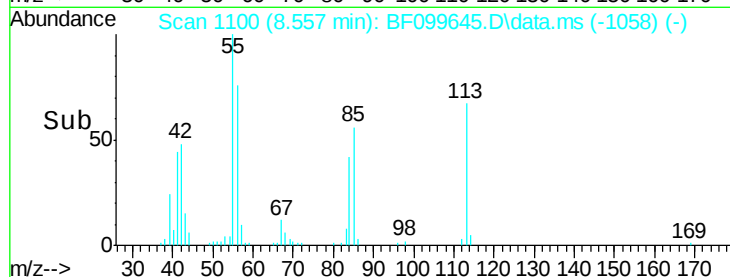
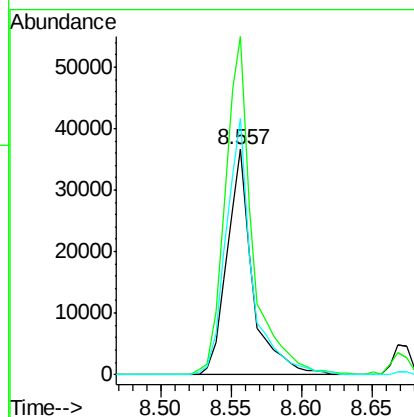
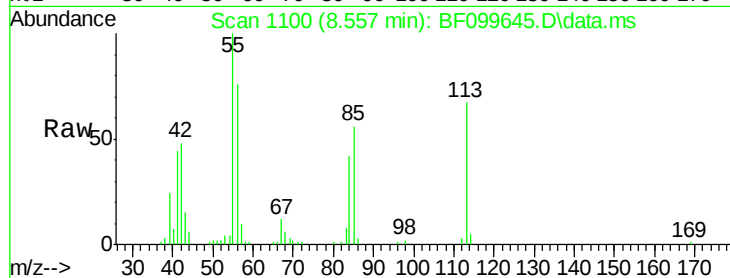
Tot Ion:113 Resp: 45773

Ion Ratio Lower Upper

113 100

55 150.0 163.3 203.3#

56 113.9 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 35.81 ng

RT: 8.669 min Scan# 1119

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

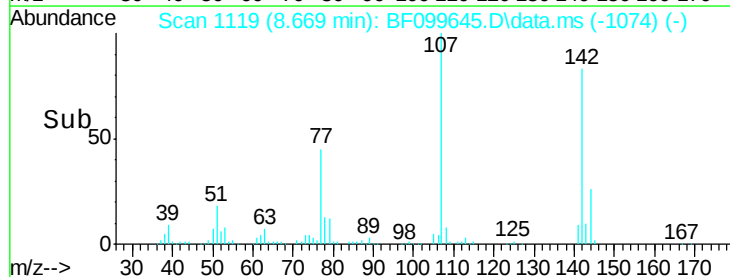
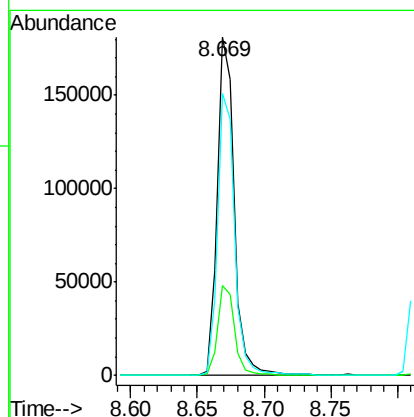
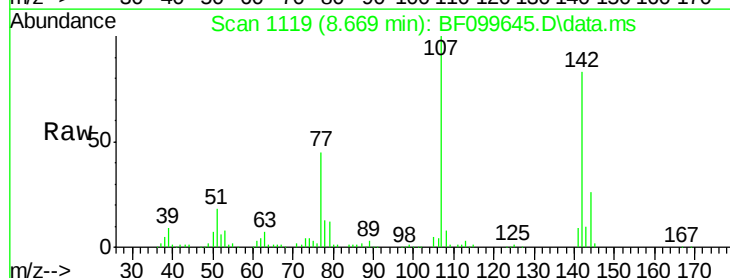
Tgt Ion:107 Resp: 164130

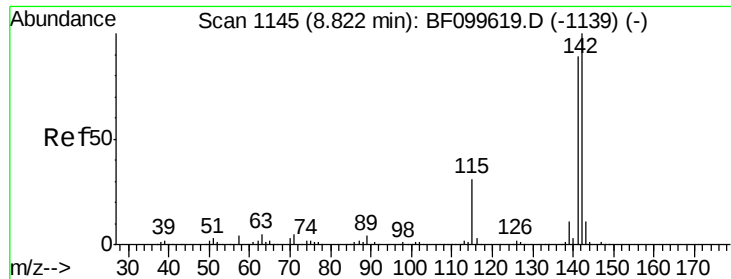
Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

142 83.3 62.0 93.0

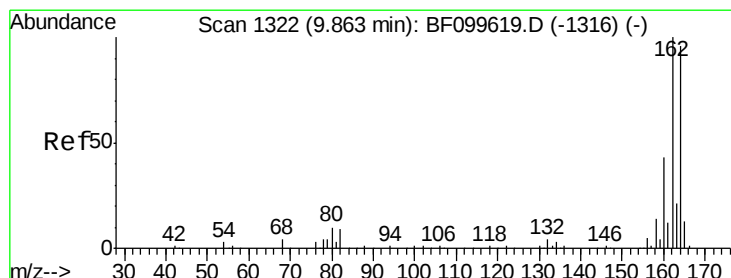
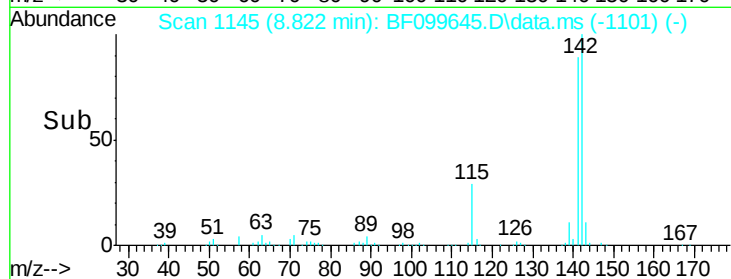
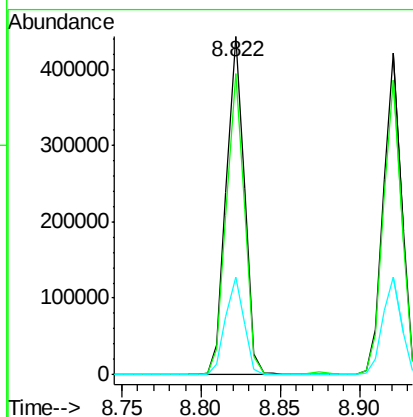
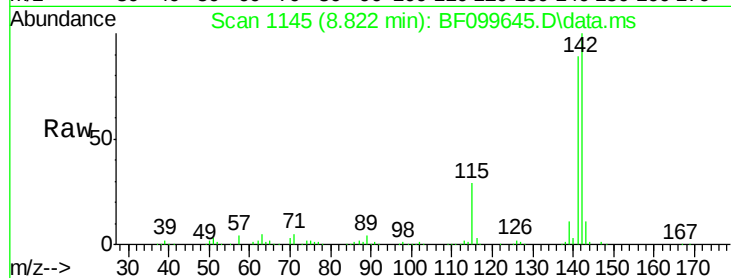




#37
2-Methylnaphthalene
Concen: 39.01 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

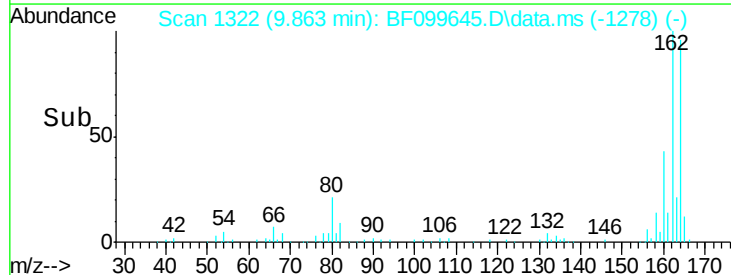
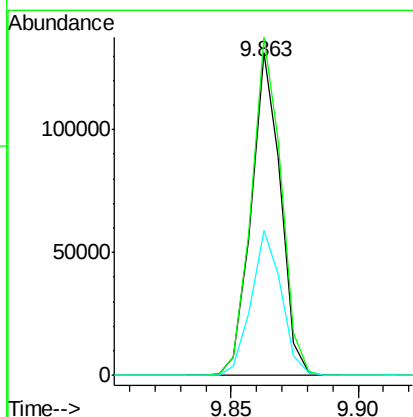
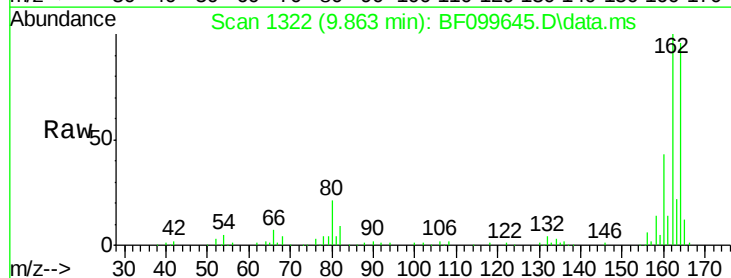
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

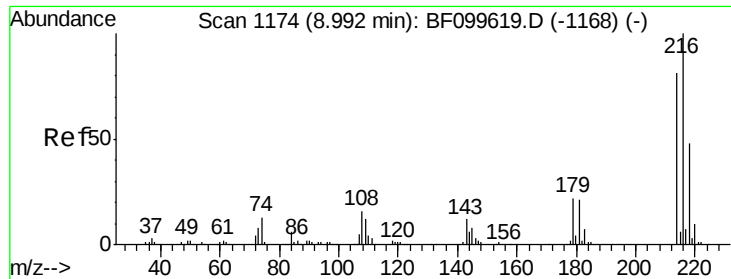
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	28.8	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	44.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.63 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 158845

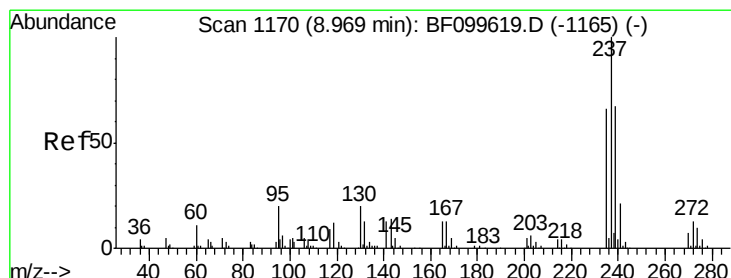
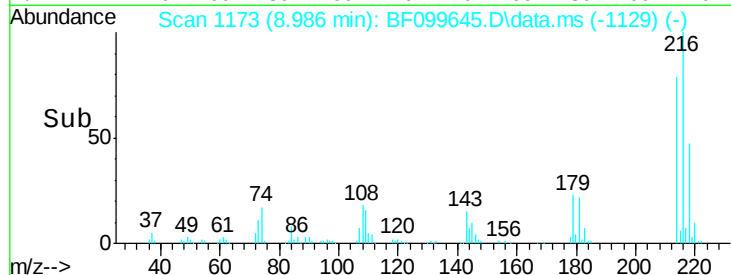
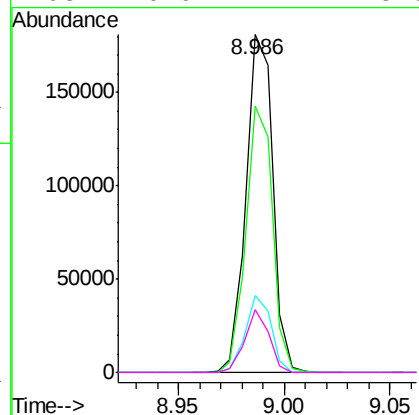
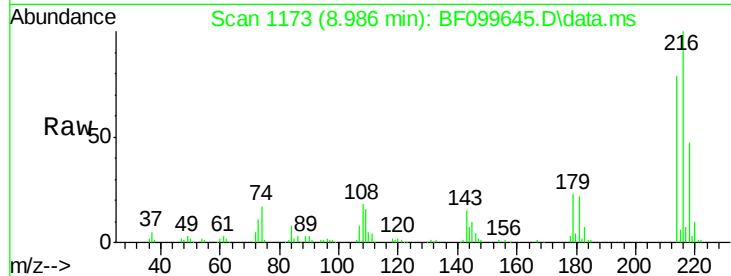
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.9 18.1 27.1

108 16.9 17.2 25.8#



#40

Hexachlorocyclopentadiene

Concen: 2.79 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

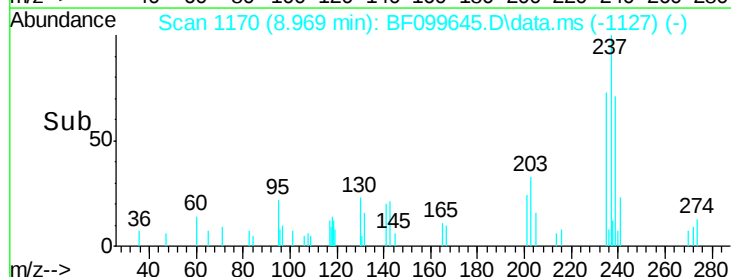
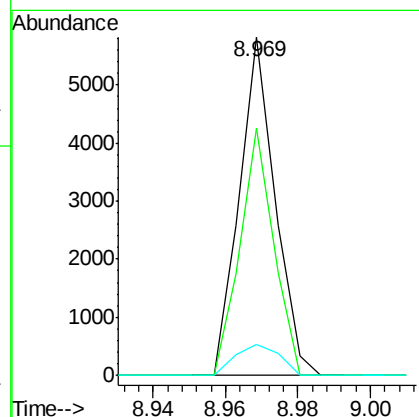
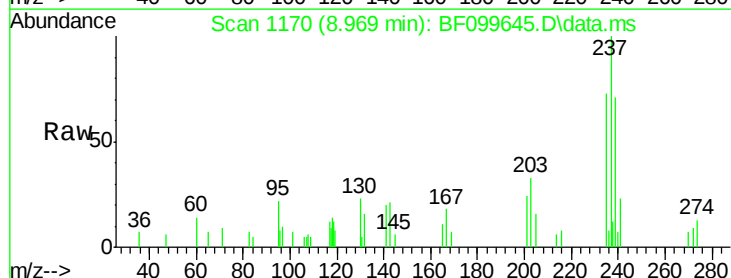
Tgt Ion:237 Resp: 4000

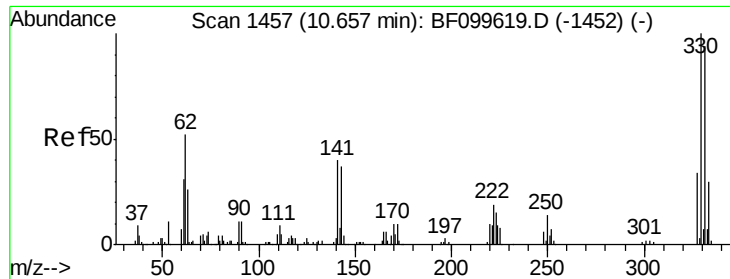
Ion Ratio Lower Upper

237 100

235 73.0 44.8 84.8

272 9.0 0.0 33.3

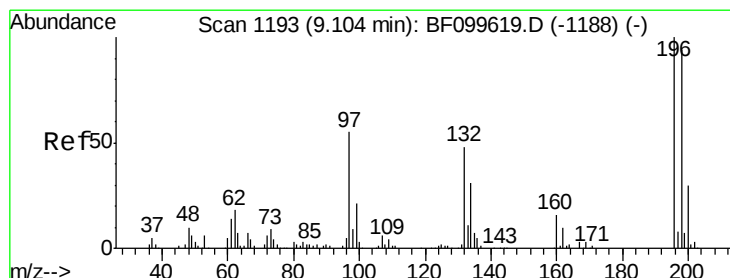
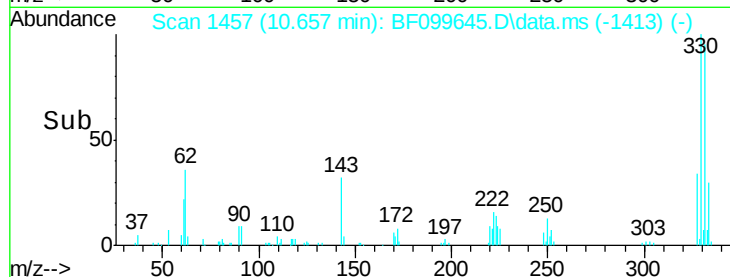
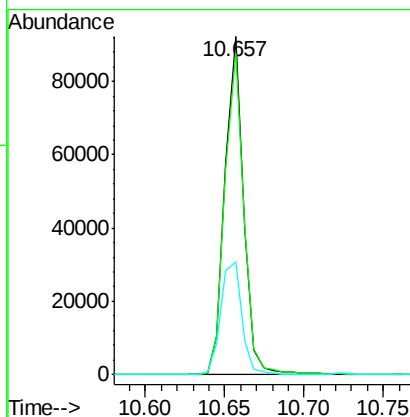
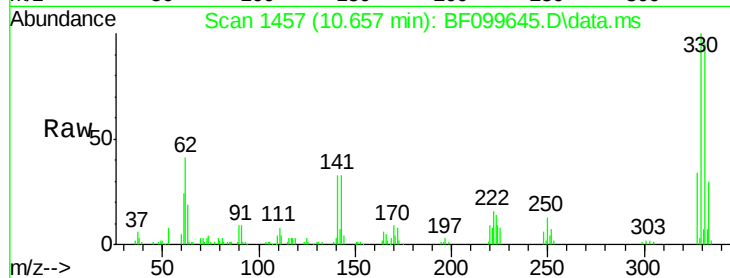




#41
 2,4,6-Tribromophenol
 Concen: 87.28 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

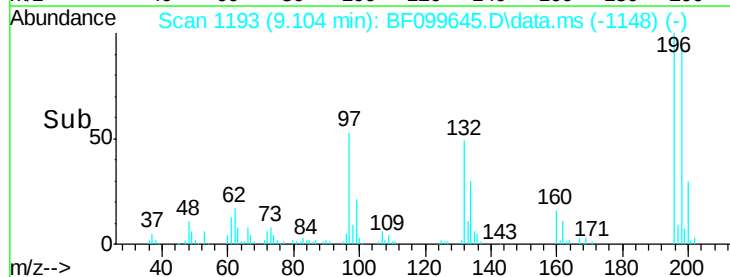
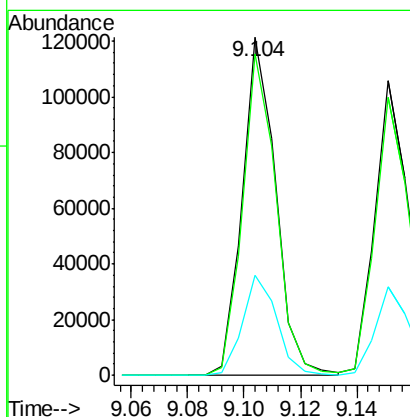
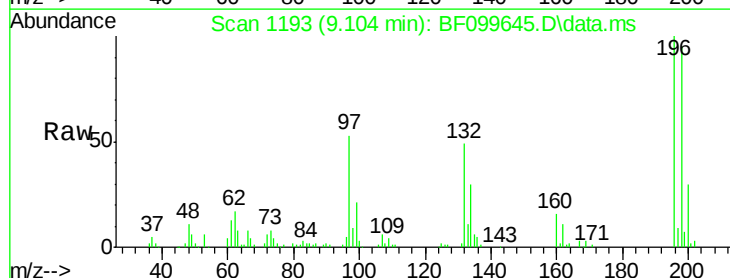
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

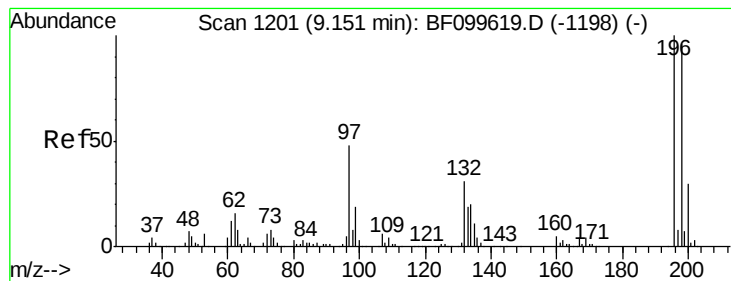
Tot Ion:330 Resp: 75139
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 37.5 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.79 ng
 RT: 9.104 min Scan# 1193
 Delta R.T. -0.035 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:196 Resp: 99560
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 29.5 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 44.29 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.030 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 98275

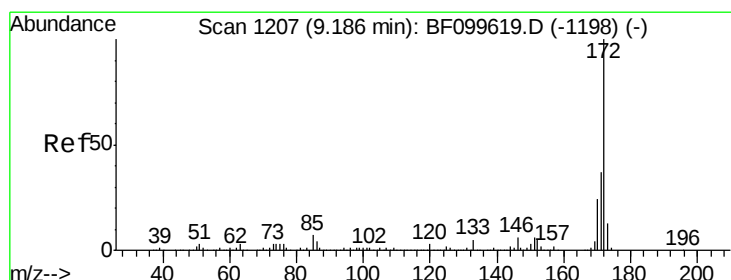
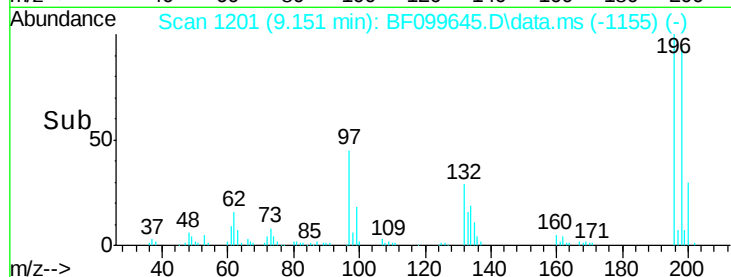
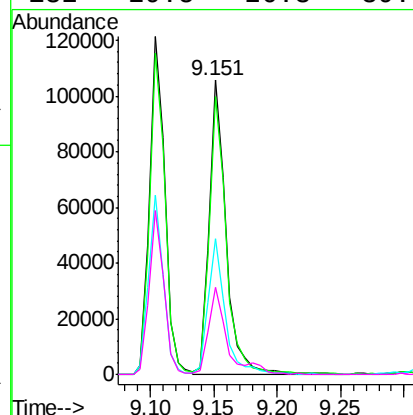
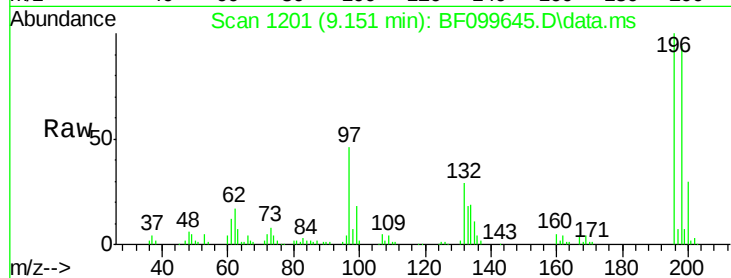
Ion Ratio Lower Upper

196 100

198 94.2 74.6 112.0

97 46.3 42.9 64.3

132 29.5 26.3 39.5



#44

2-Fluorobiphenyl

Concen: 104.87 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

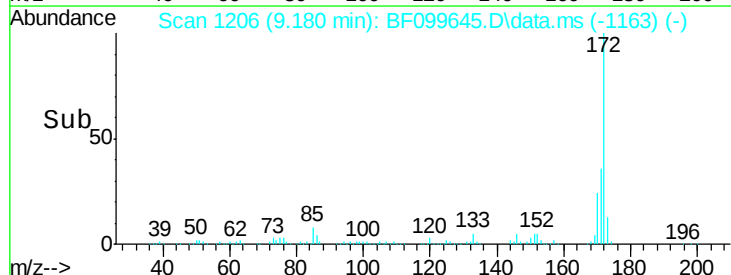
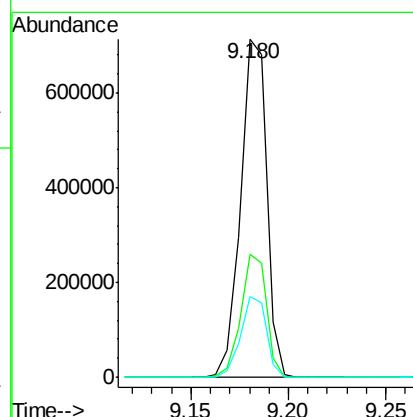
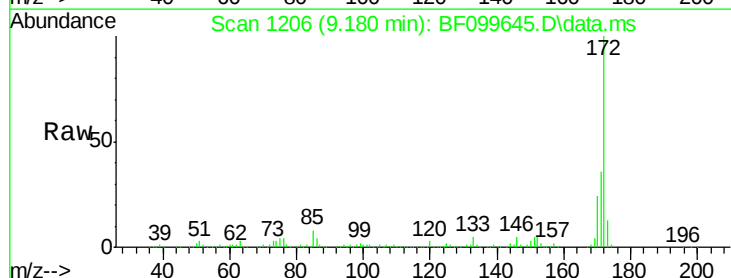
Tgt Ion:172 Resp: 660903

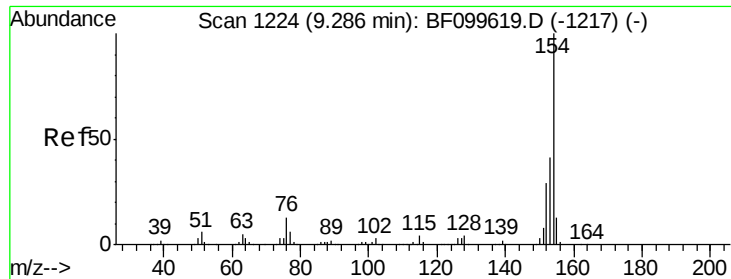
Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 23.7 19.6 29.4

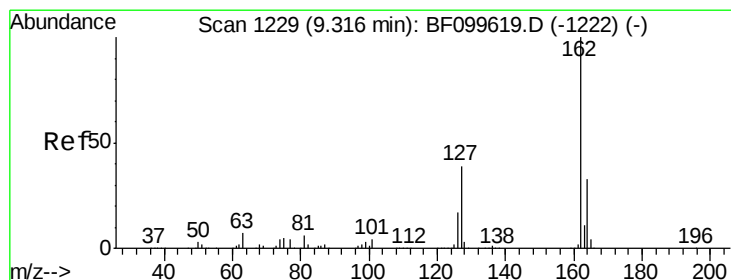
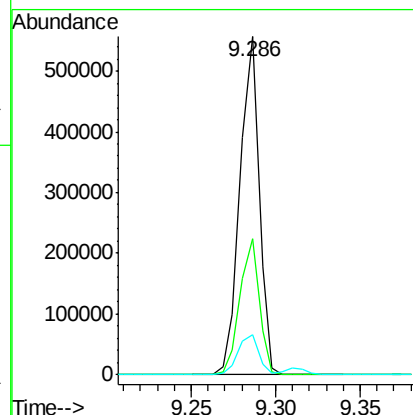
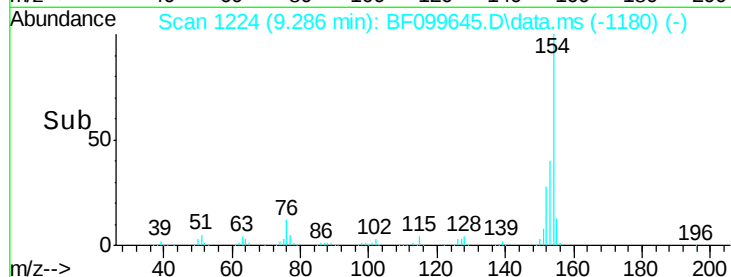
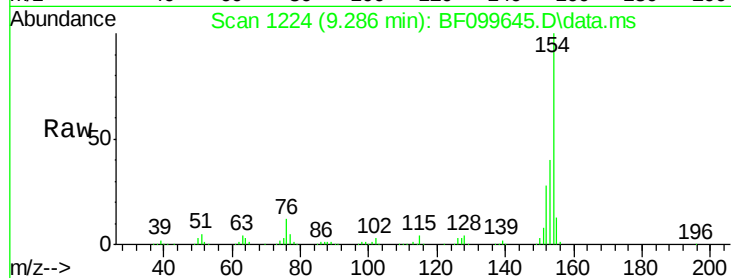




#45
 1,1'-Biphenyl
 Concen: 48.86 ng
 RT: 9.286 min Scan# 1224
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

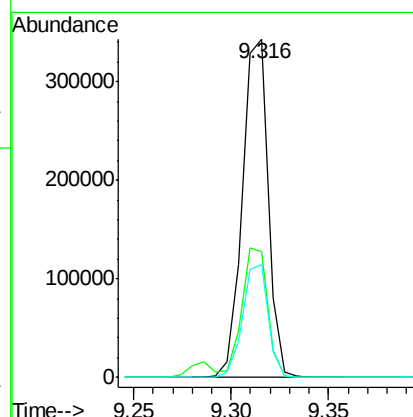
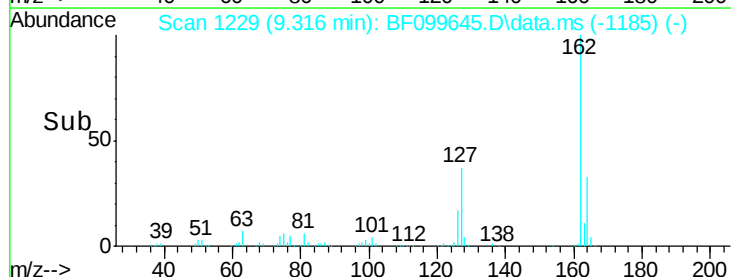
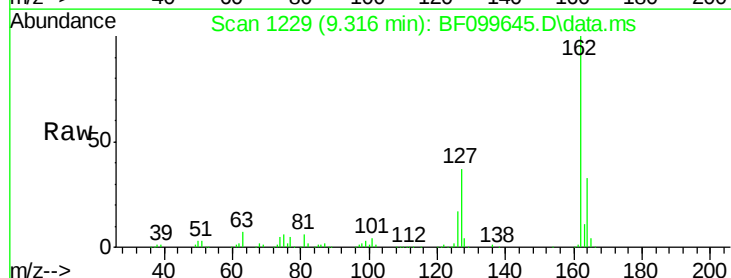
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

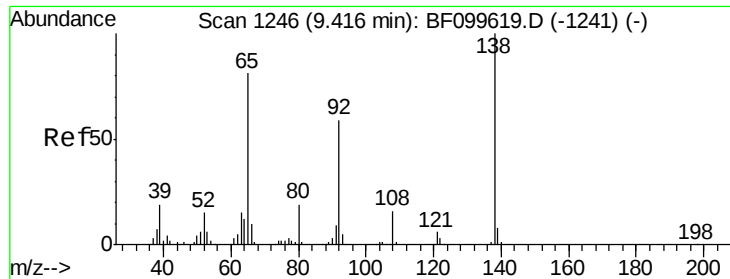
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	11.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 46.28 ng
 RT: 9.316 min Scan# 1229
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	33.9	50.9
164	33.3	26.5	39.7

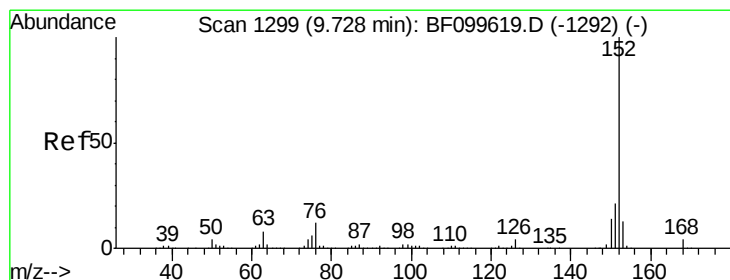
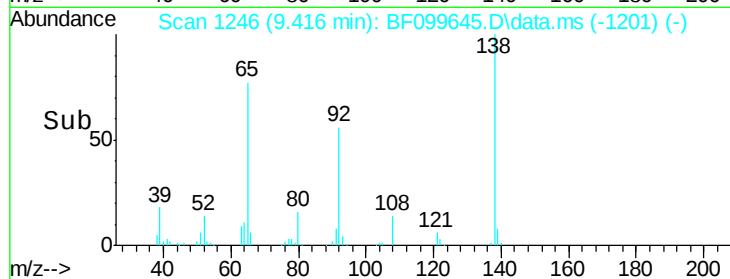
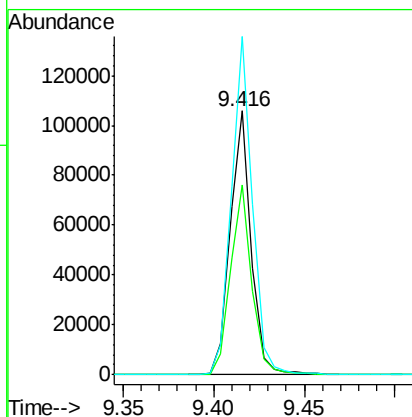
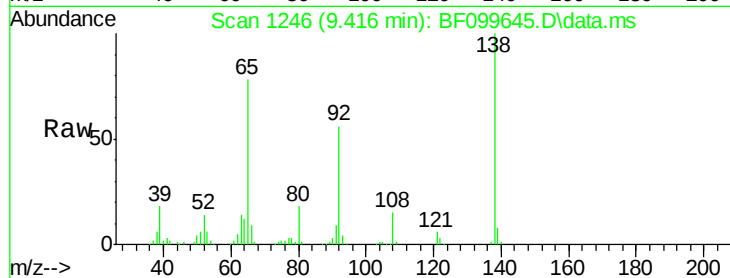




#47
2-Nitroaniline
Concen: 40.90 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.035 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

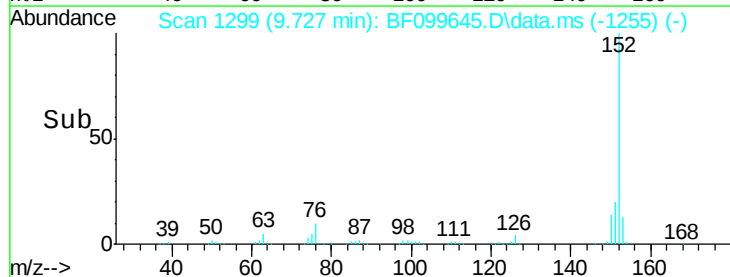
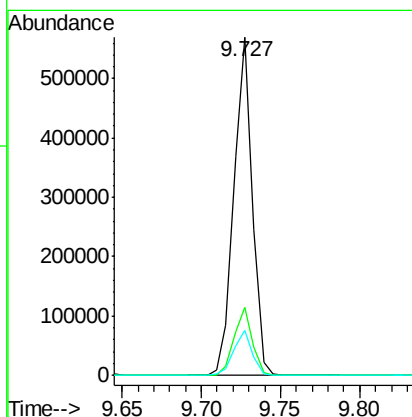
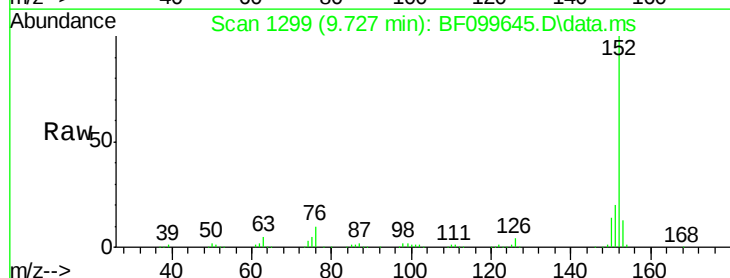
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

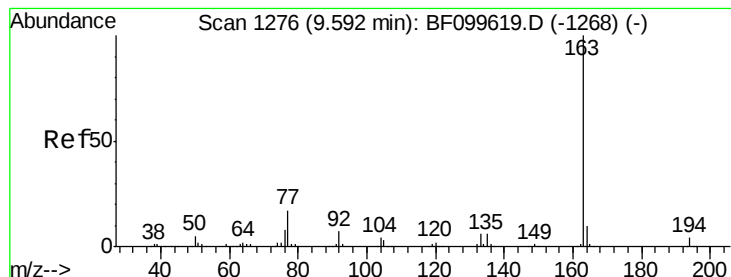
Tot Ion: 65 Resp: 85020
Ion Ratio Lower Upper
65 100
92 71.7 55.8 83.6
138 128.3 91.2 136.8



#48
Acenaphthylene
Concen: 44.29 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 152 Resp: 460254
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 46.91 ng

RT: 9.580 min Scan# 1276

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

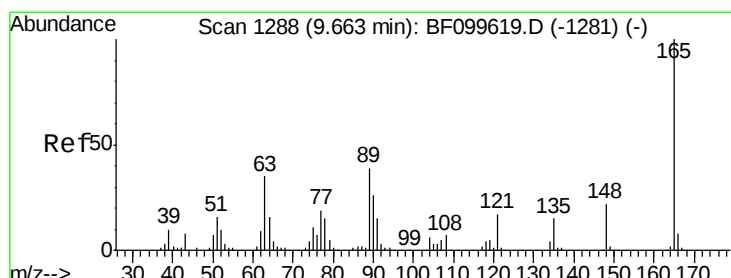
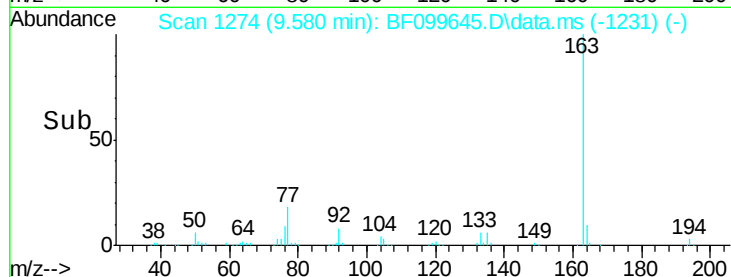
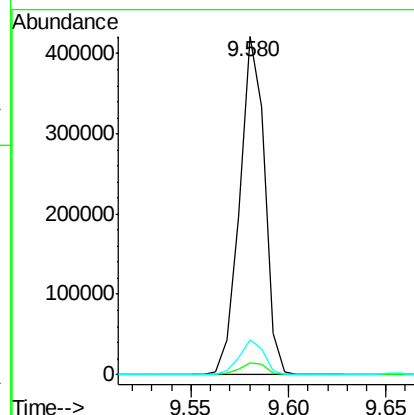
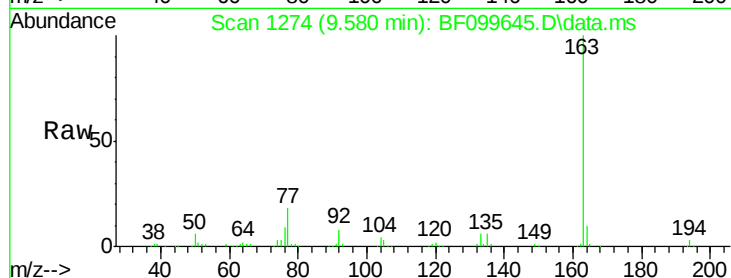
Tot Ion:163 Resp: 372476

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 10.4 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 42.51 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

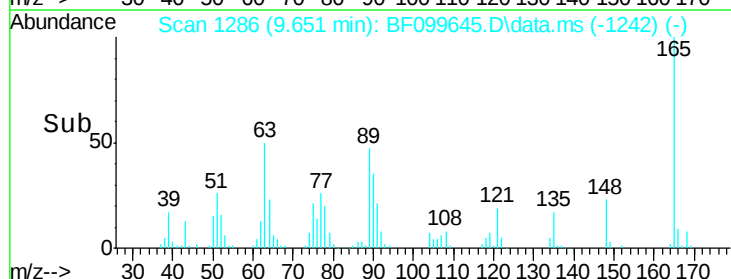
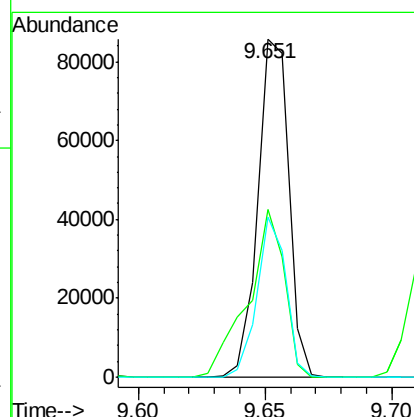
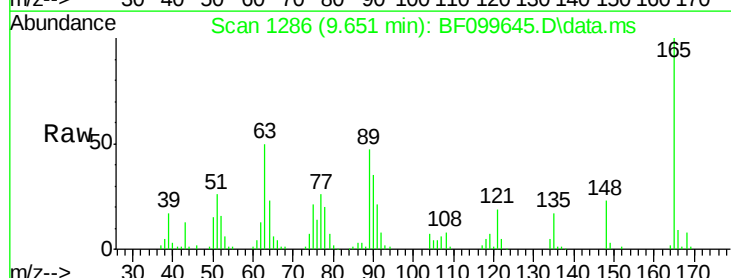
Tgt Ion:165 Resp: 73484

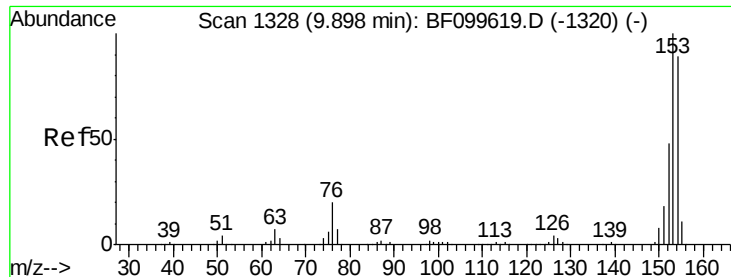
Ion Ratio Lower Upper

165 100

63 49.6 44.7 67.1

89 47.2 44.0 66.0





#51

Acenaphthene

Concen: 40.66 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

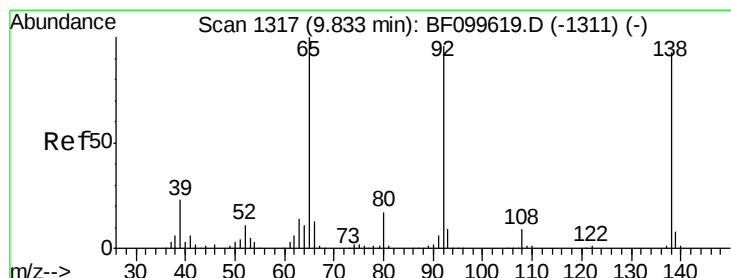
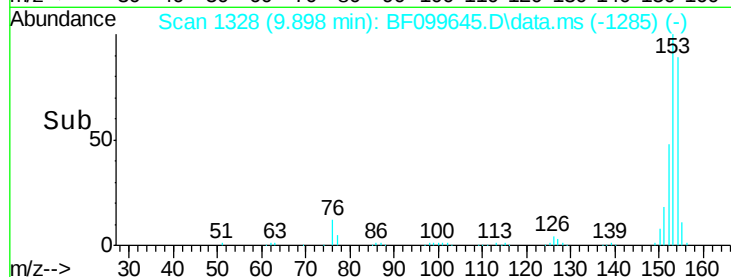
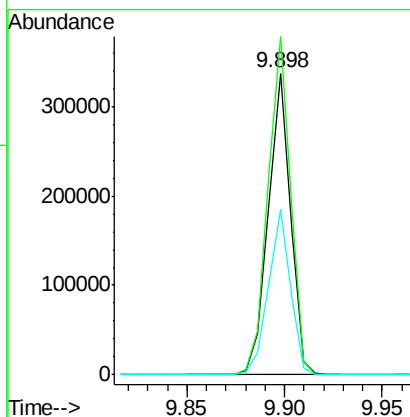
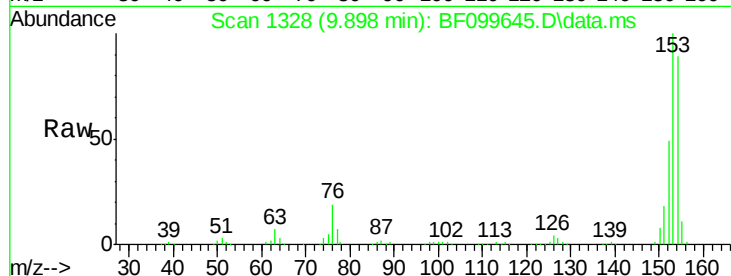
Tot Ion:154 Resp: 267653

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

152 54.7 43.8 65.8



#52

3-Nitroaniline

Concen: 45.09 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

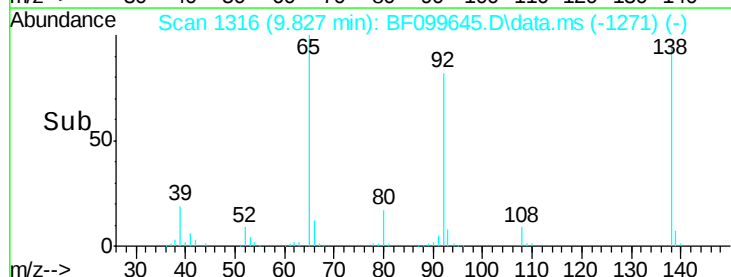
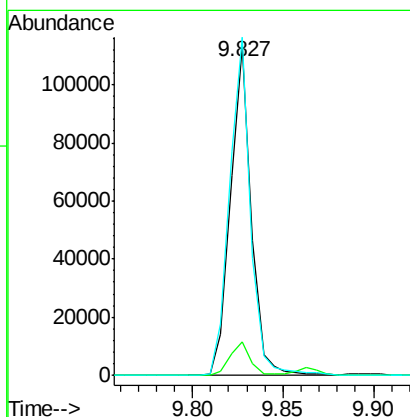
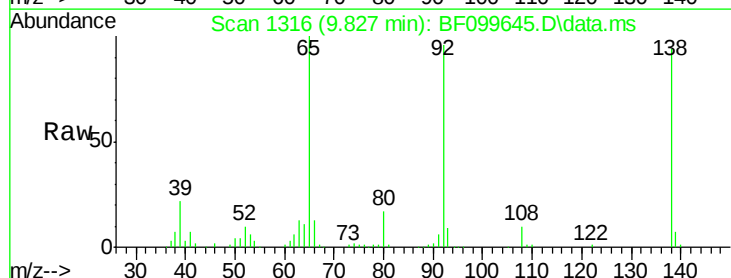
Tgt Ion:138 Resp: 90885

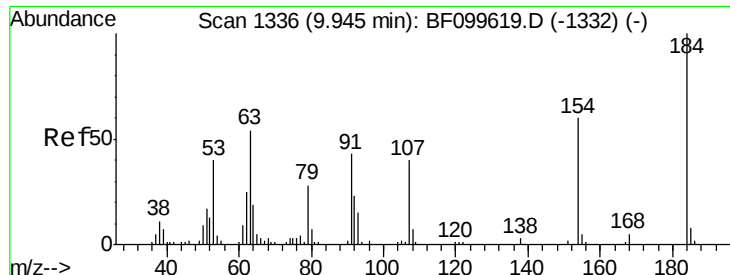
Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

92 102.6 89.4 134.2

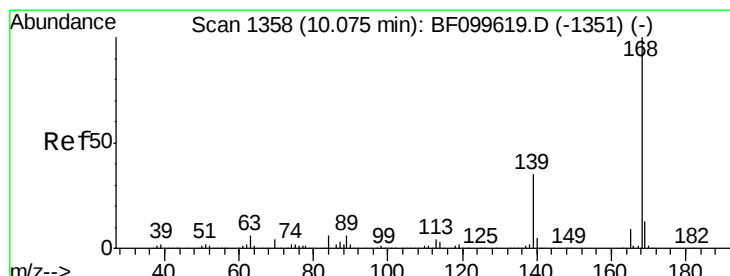
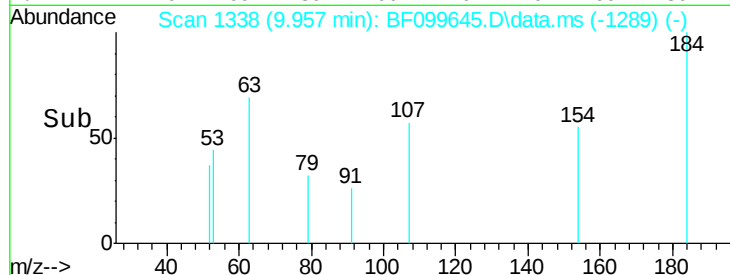
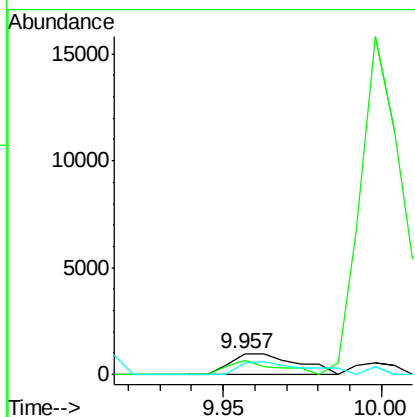
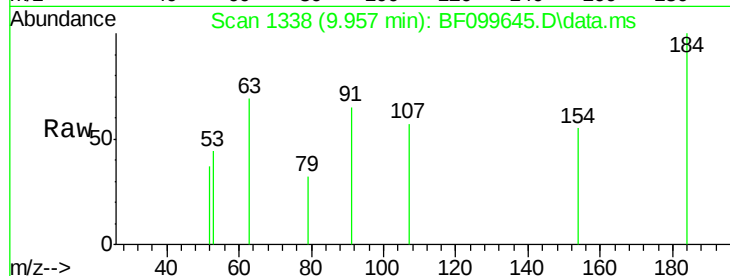




#53
 2,4-Dinitrophenol
 Concen: 7.24 ng
 RT: 9.957 min Scan# 1336
 Delta R.T. -0.012 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

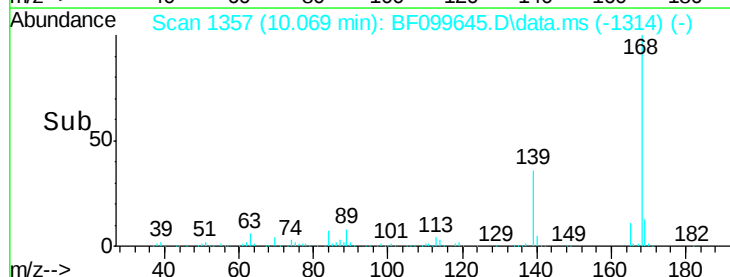
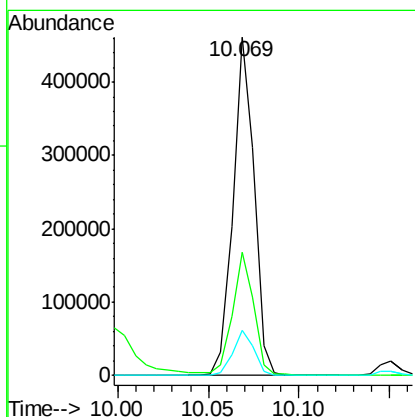
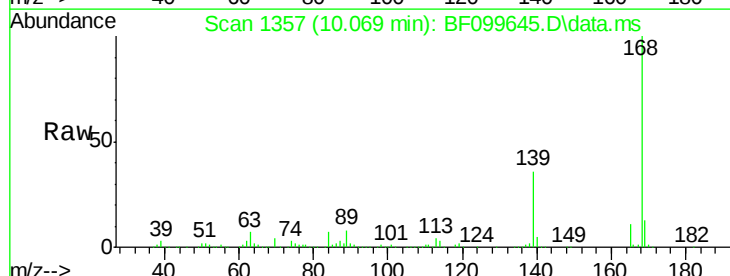
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

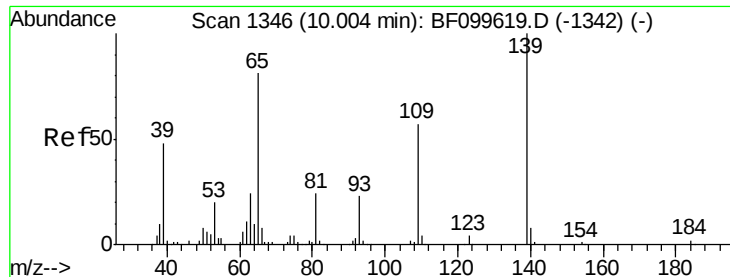
Tot Ion:	184	Resp:	1375
Ion Ratio	Lower	Upper	
184	100		
63	68.7	54.2	81.2
154	54.8	53.5	80.3



#54
 Dibenzofuran
 Concen: 42.44 ng
 RT: 10.069 min Scan# 1357
 Delta R.T. -0.047 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:	168	Resp:	371958
Ion Ratio	Lower	Upper	
168	100		
139	36.2	30.1	45.1
169	13.3	10.9	16.3





#55

4-Nitrophenol

Concen: 43.66 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.024 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

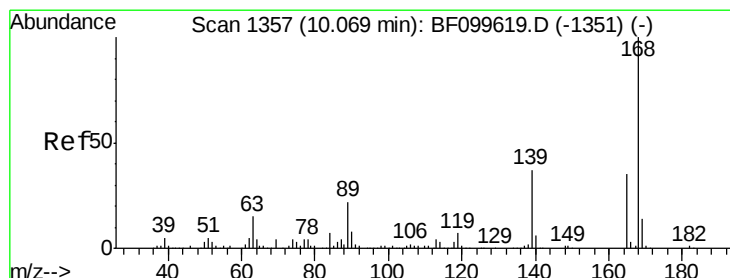
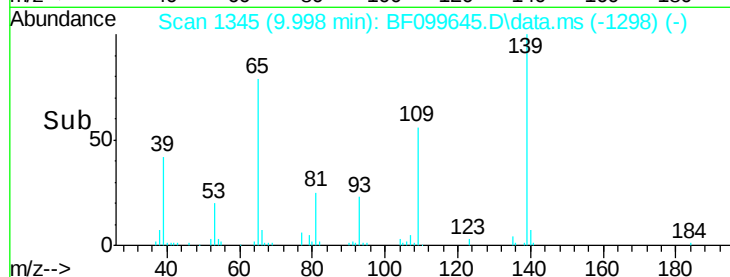
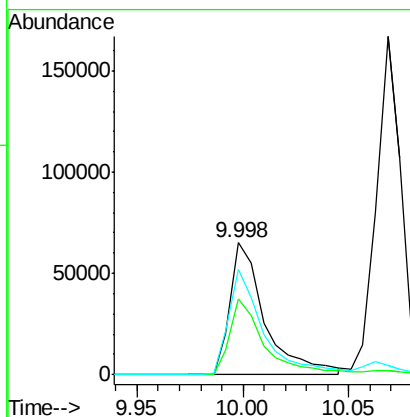
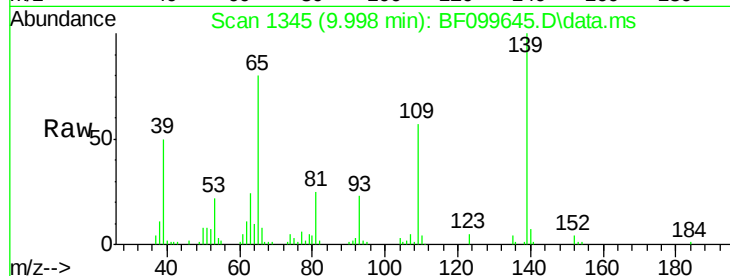
Tot Ion:139 Resp: 74415

Ion Ratio Lower Upper

139 100

109 57.1 48.4 88.4

65 79.6 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 37.34 ng

RT: 10.063 min Scan# 1356

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Tgt Ion:165 Resp: 83770

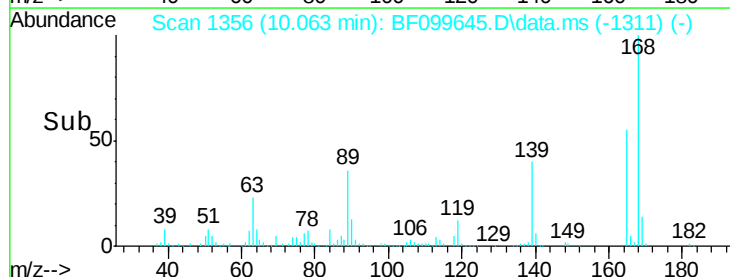
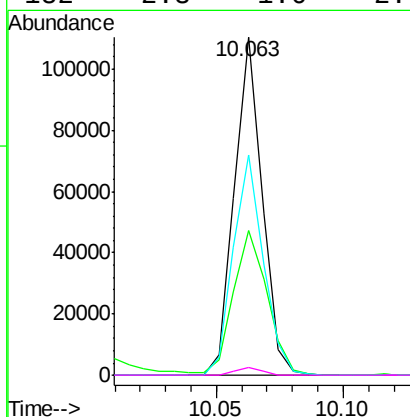
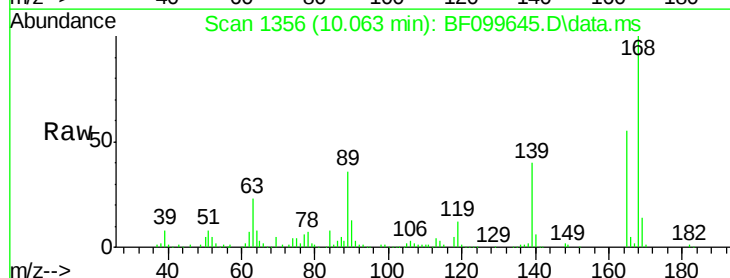
Ion Ratio Lower Upper

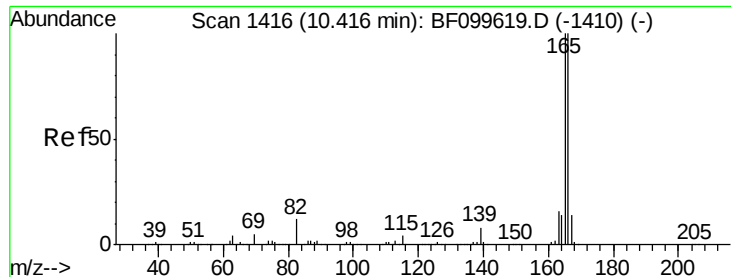
165 100

63 42.9 36.4 54.6

89 65.3 57.8 86.6

182 2.3 1.6 2.4

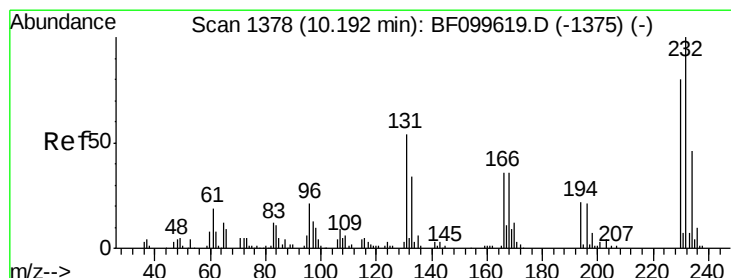
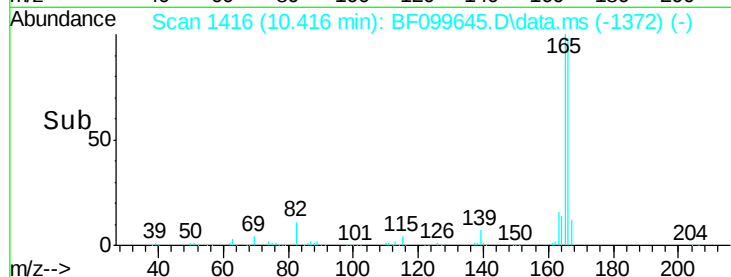
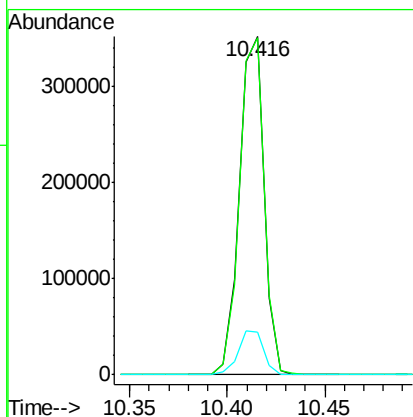
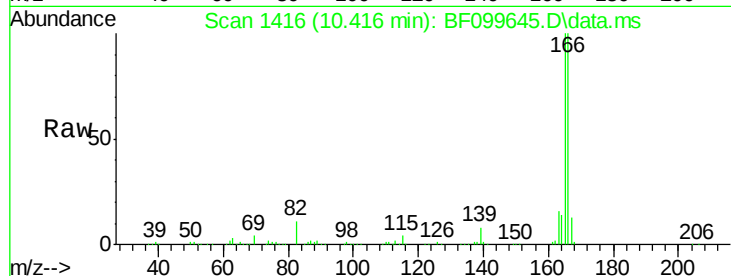




#57
 Fluorene
 Concen: 43.79 ng
 RT: 10.416 min Scan# 1416
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

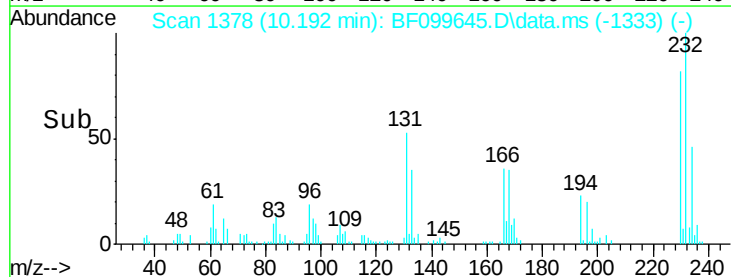
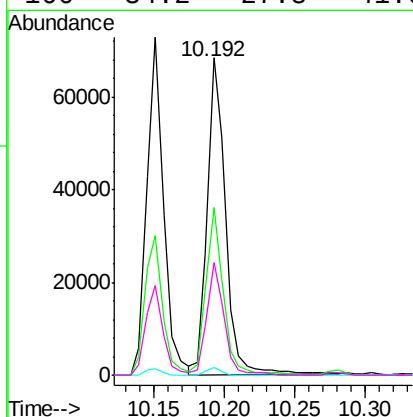
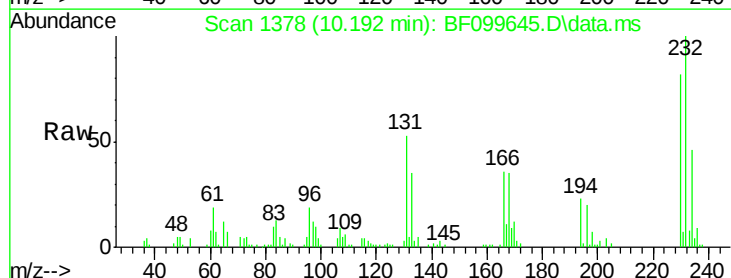
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

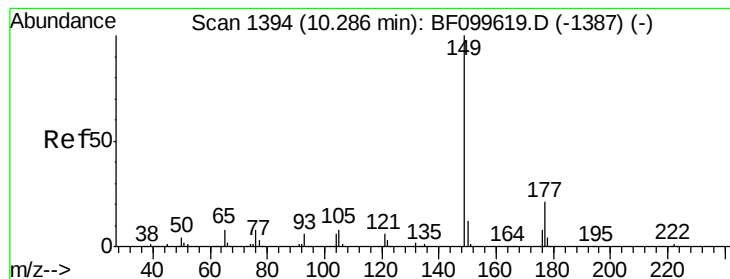
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	12.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.78 ng
 RT: 10.192 min Scan# 1378
 Delta R.T. -0.035 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.4	43.8	65.8
130	2.0	2.1	3.1#
166	34.2	27.8	41.6





#59

Diethylphthalate

Concen: 42.14 ng

RT: 10.280 min Scan# 1394

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

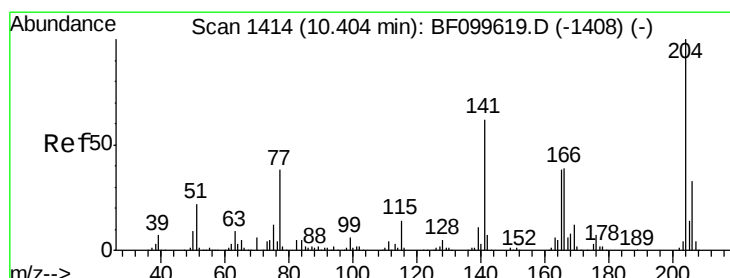
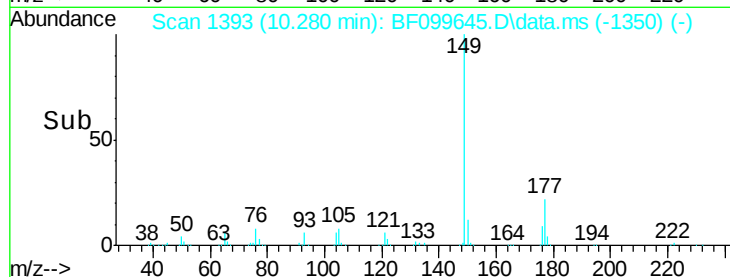
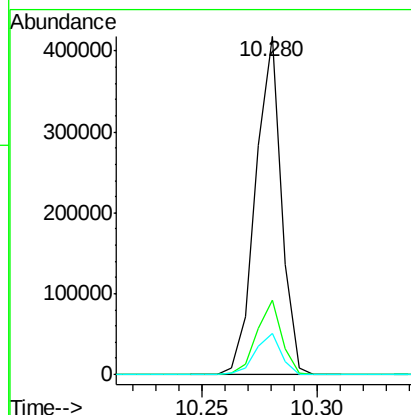
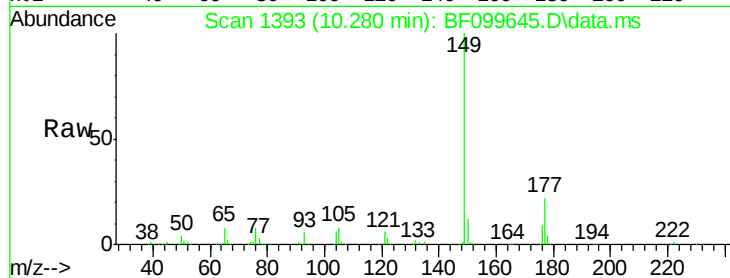
Tot Ion:149 Resp: 326944

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

150 12.3 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 43.91 ng

RT: 10.404 min Scan# 1414

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

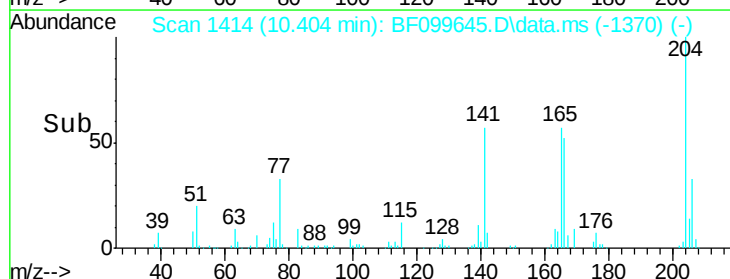
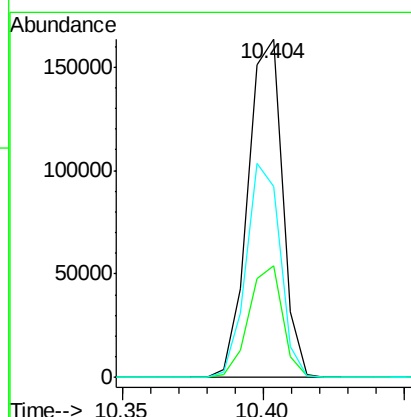
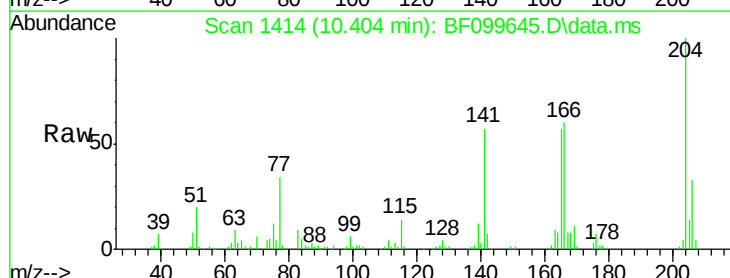
Tgt Ion:204 Resp: 138956

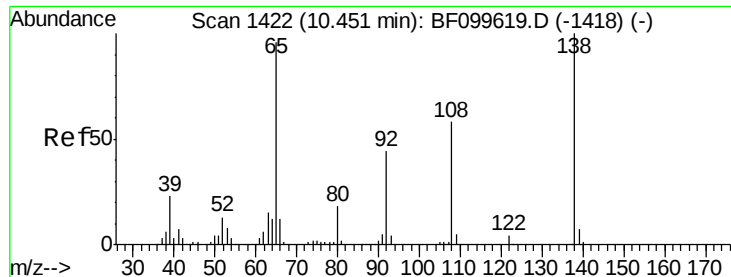
Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

141 56.6 54.6 81.8

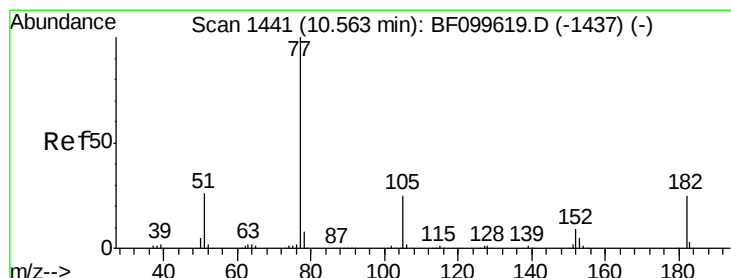
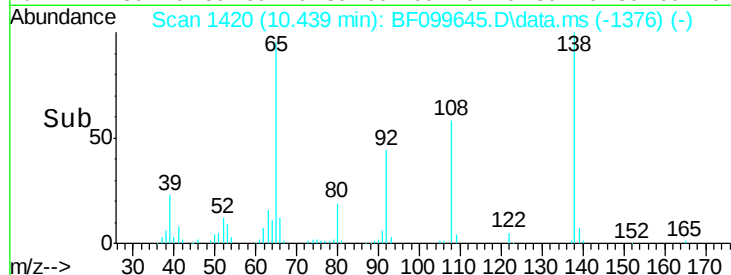
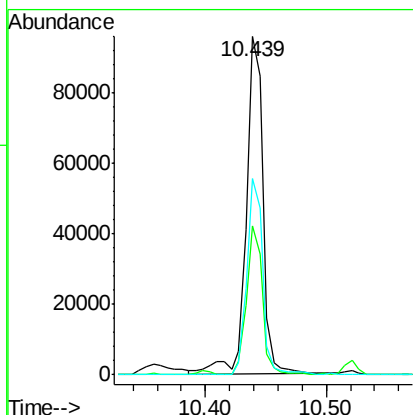
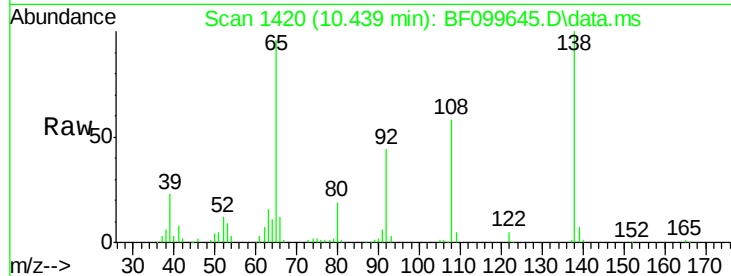




#61
4-Nitroaniline
Concen: 48.03 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

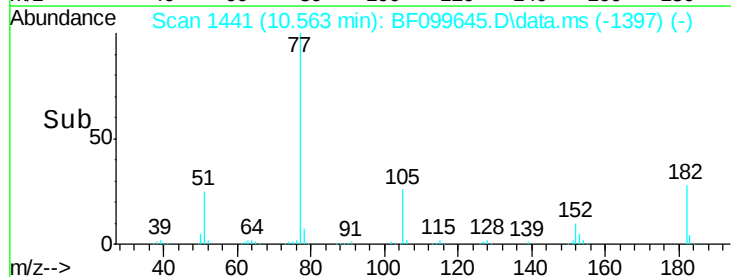
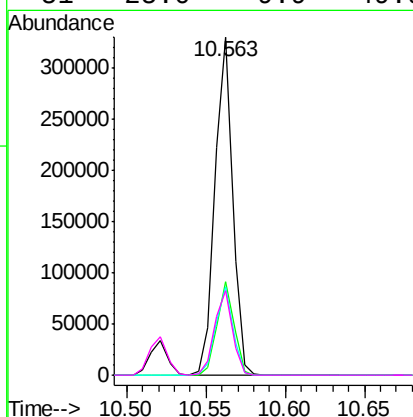
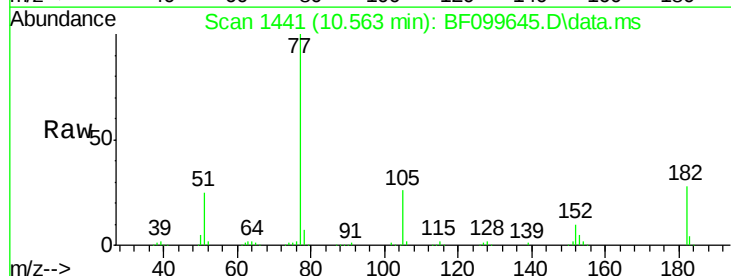
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

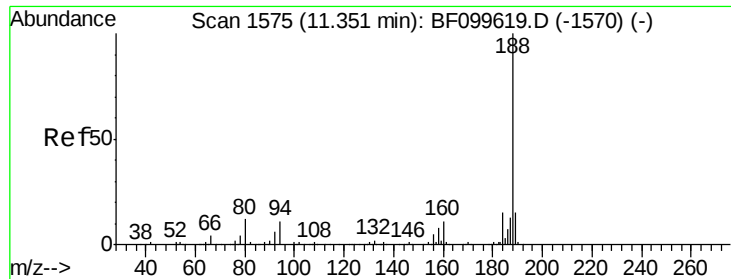
Tot Ion:138 Resp: 93410
Ion Ratio Lower Upper
138 100
92 44.0 30.2 70.2
108 58.1 52.5 92.5



#62
Azobenzene
Concen: 36.09 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion: 77 Resp: 257501
Ion Ratio Lower Upper
77 100
182 27.8 1.7 41.7
105 26.1 3.0 43.0
51 25.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

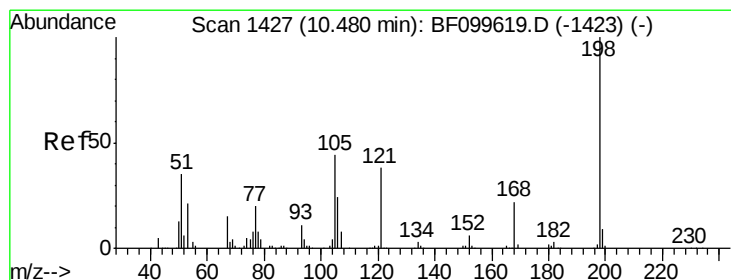
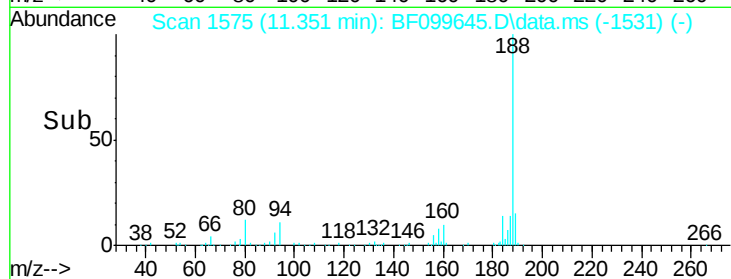
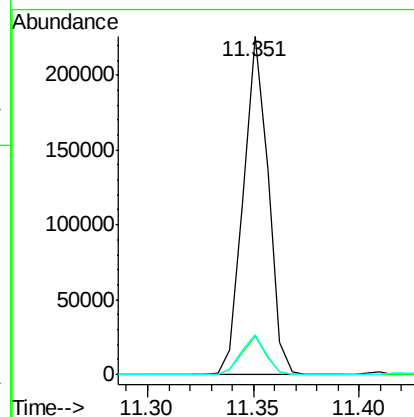
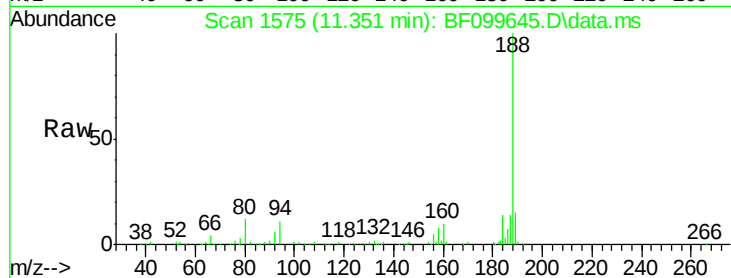
Tot Ion:188 Resp: 182640

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

80 11.6 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 4.76 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.030 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

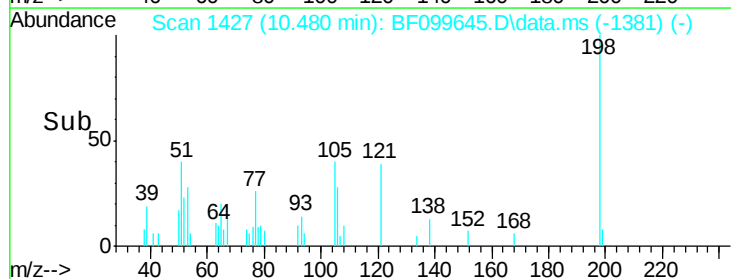
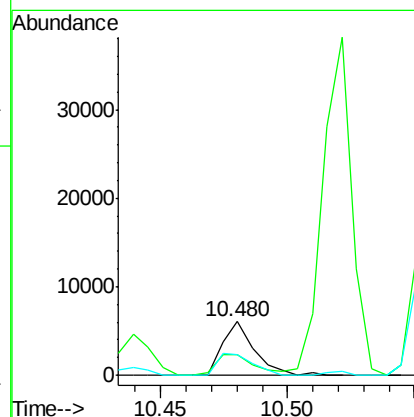
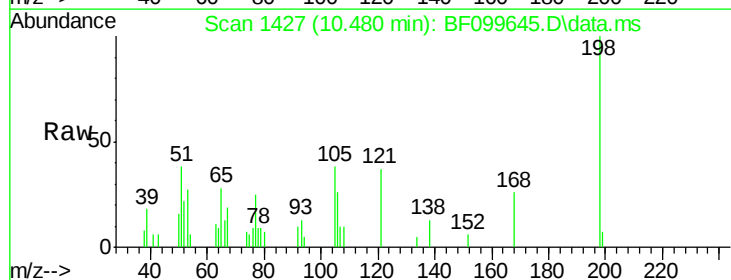
Tgt Ion:198 Resp: 5288

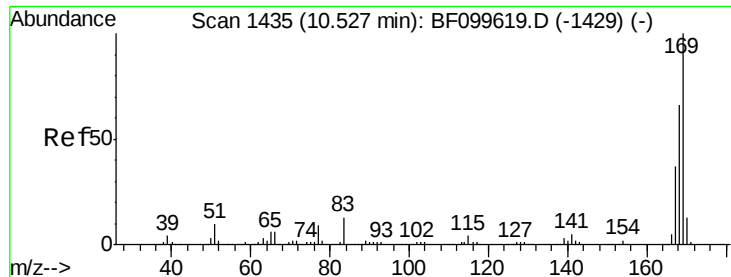
Ion Ratio Lower Upper

198 100

51 38.3 37.7 77.7

105 37.7 36.3 76.3

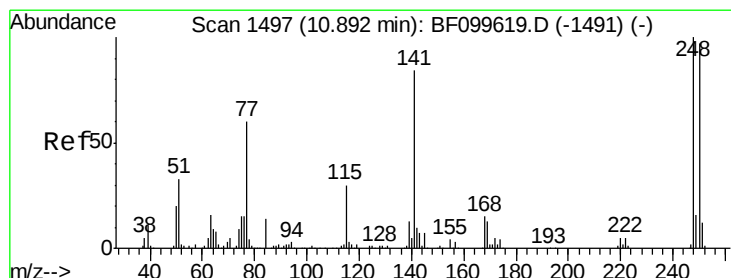
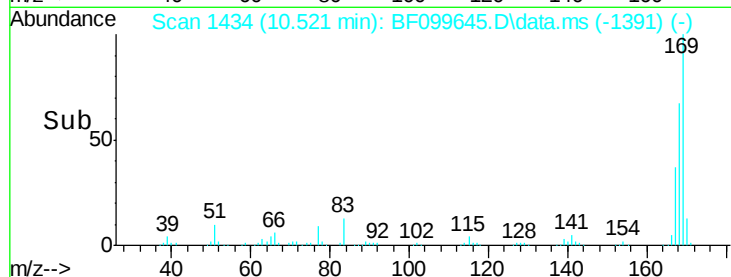
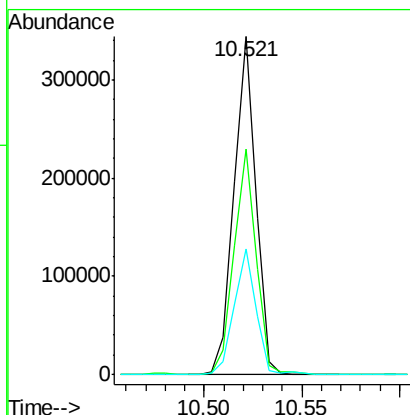
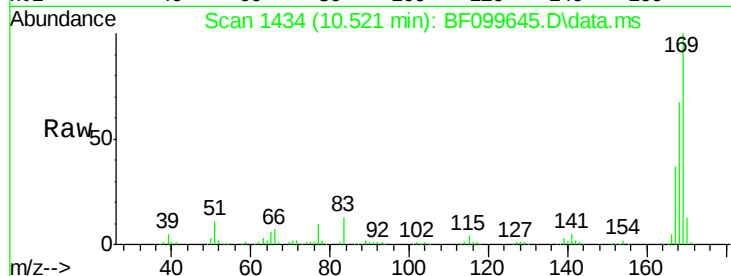




#65
 n-Nitrosodiphenylamine
 Concen: 42.25 ng
 RT: 10.521 min Scan# 1435
 Delta R.T. -0.047 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

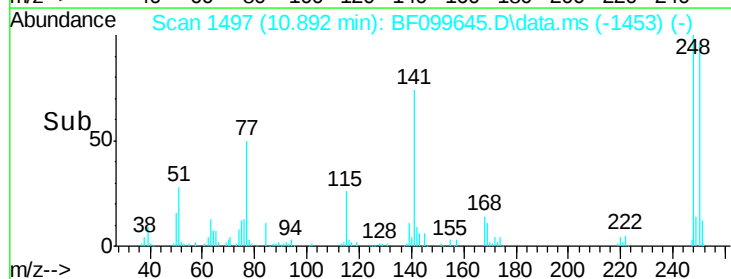
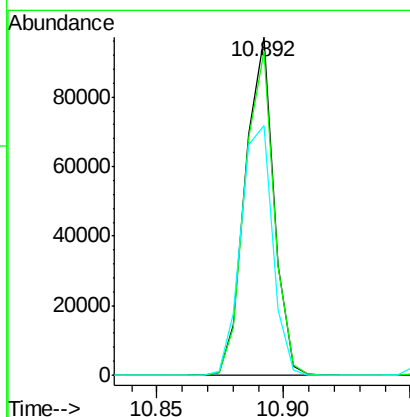
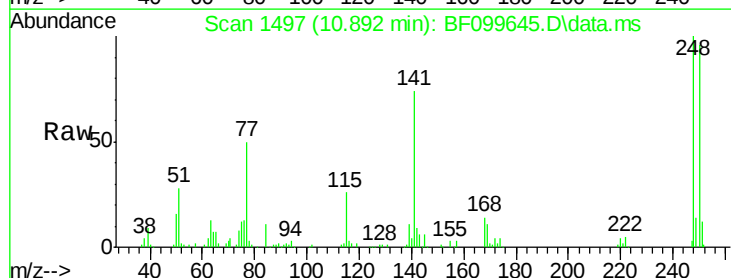
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

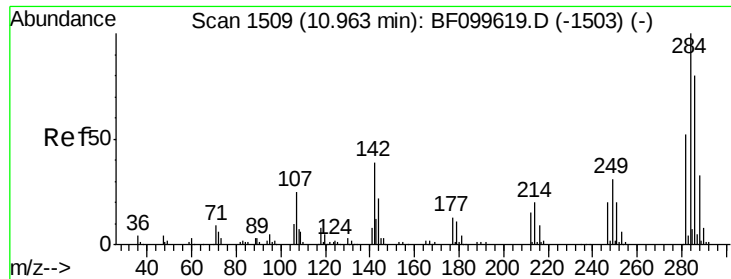
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.4	81.6
167	37.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.69 ng
 RT: 10.892 min Scan# 1497
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	73.7	74.4	111.6#

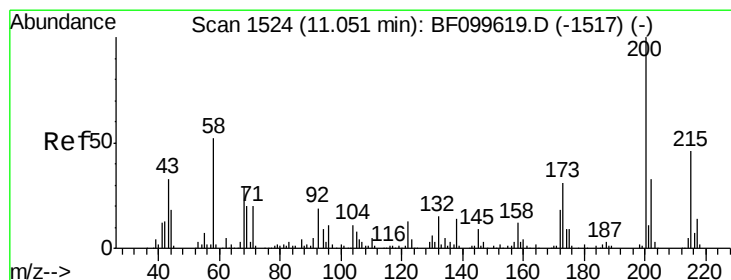
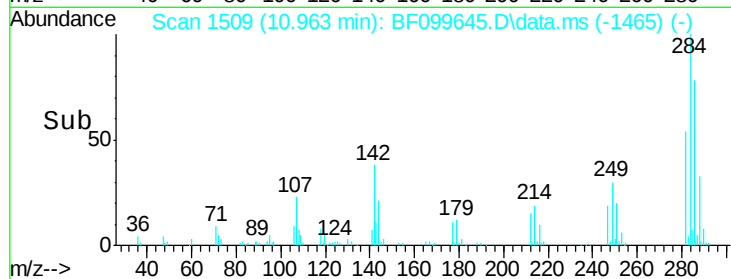
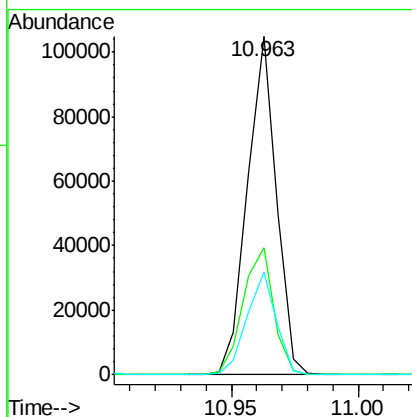
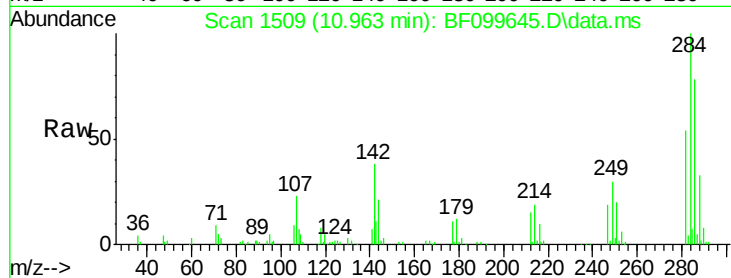




#67
Hexachlorobenzene
Concen: 43.76 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

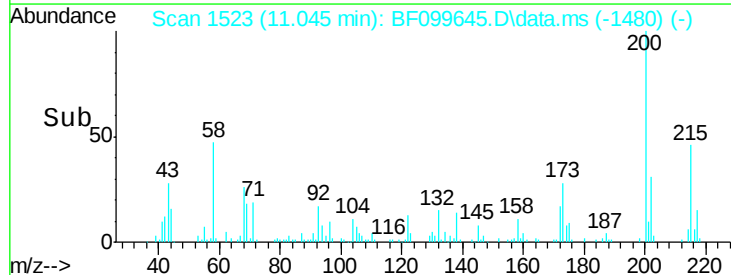
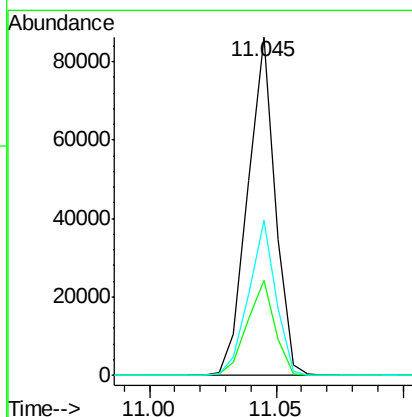
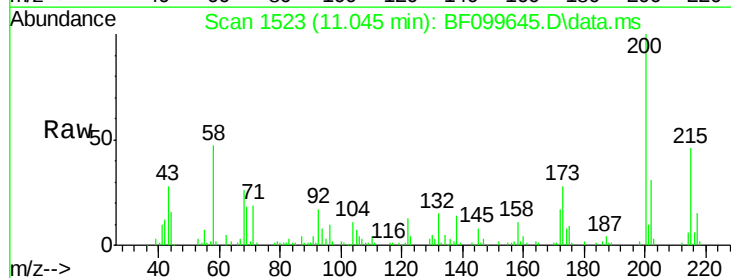
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

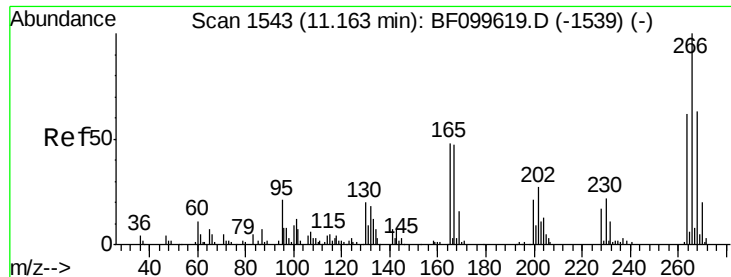
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.6	34.6	52.0
249	30.2	24.8	37.2



#68
Atrazine
Concen: 34.21 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.047 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.6	48.6
215	45.9	25.1	65.1





#69

Pentachlorophenol

Concen: 38.90 ng

RT: 11.163 min Scan# 15

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

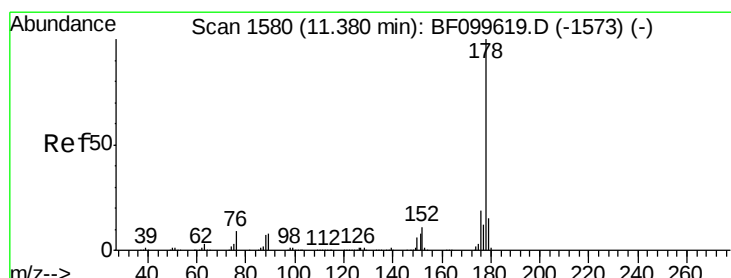
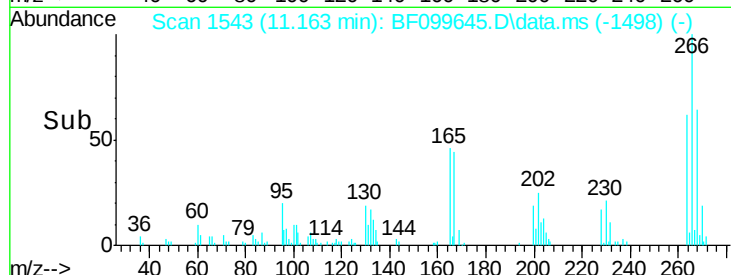
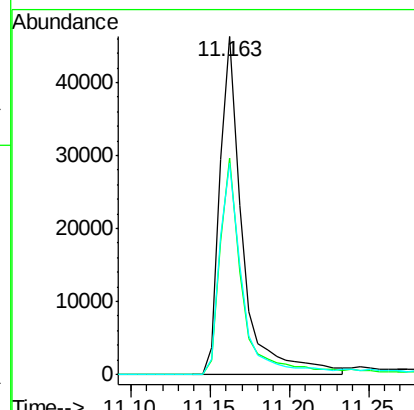
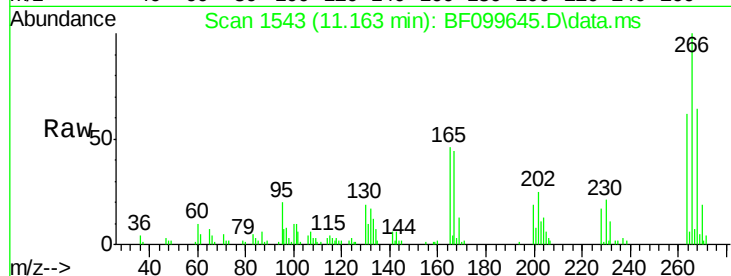
Tot Ion:266 Resp: 46228

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

264 62.5 49.5 74.3



#70

Phenanthrene

Concen: 44.73 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.047 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

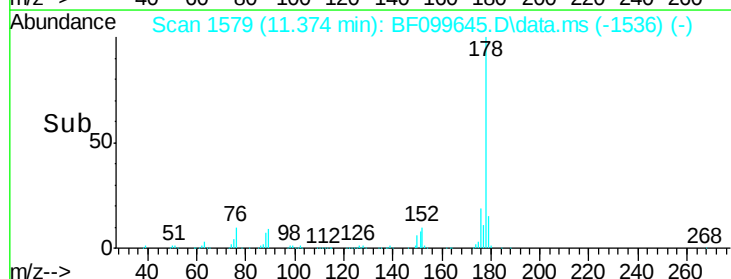
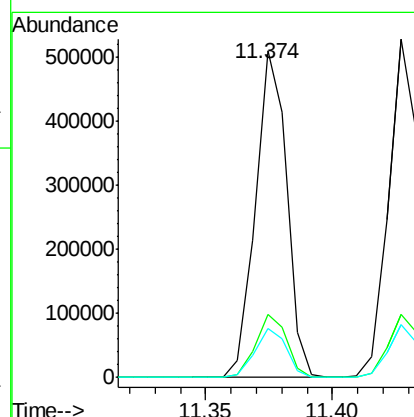
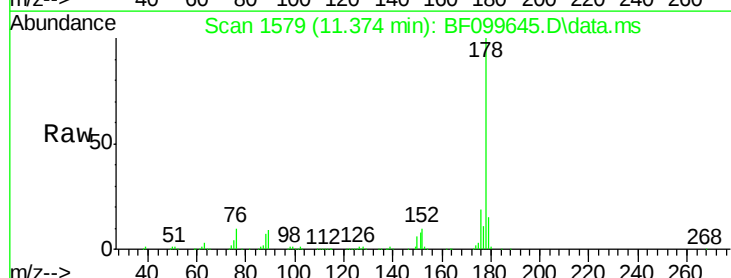
Tgt Ion:178 Resp: 437265

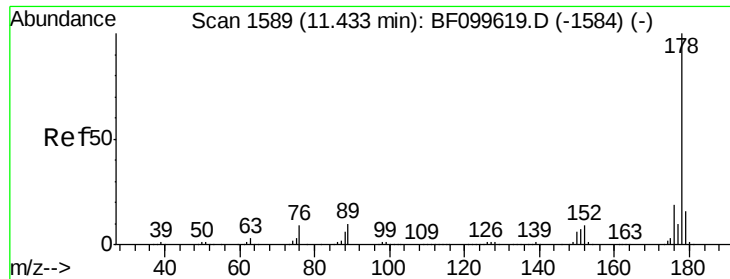
Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.1 13.0 19.6





#71

Anthracene

Concen: 44.50 ng

RT: 11.427 min Scan# 15

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

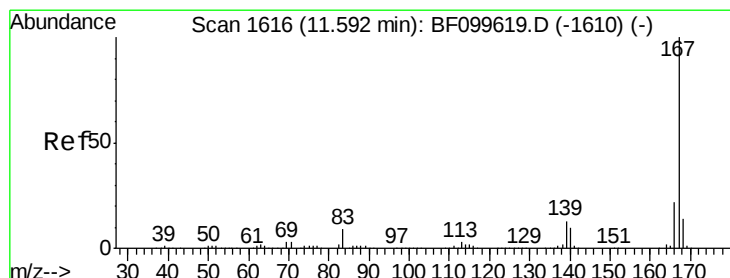
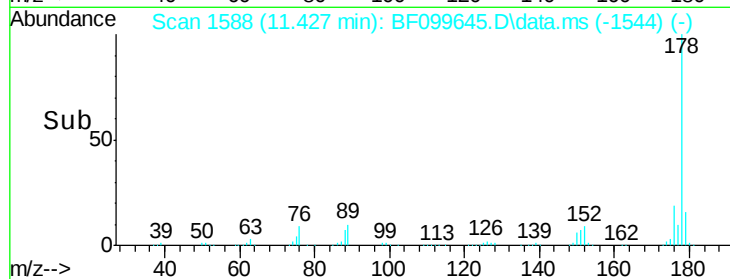
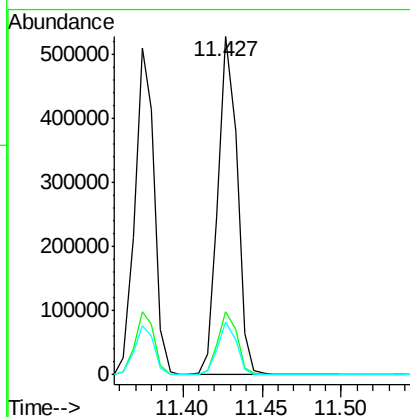
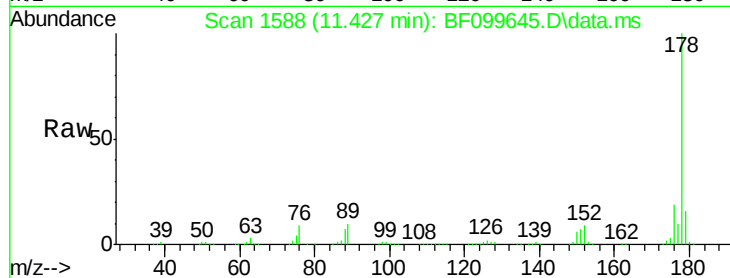
Tot Ion:178 Resp: 445155

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.7 12.6 19.0



#72

Carbazole

Concen: 45.19 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

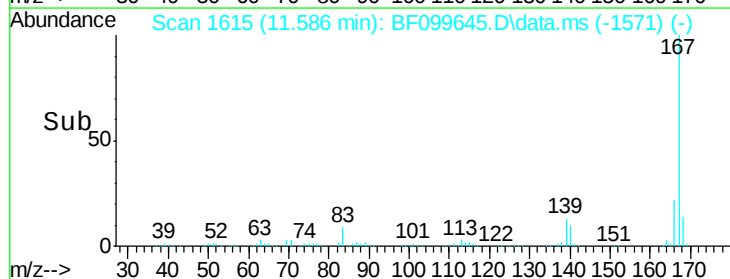
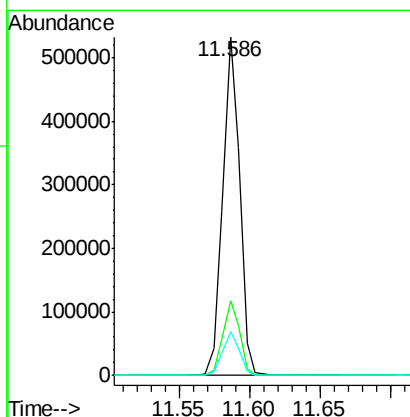
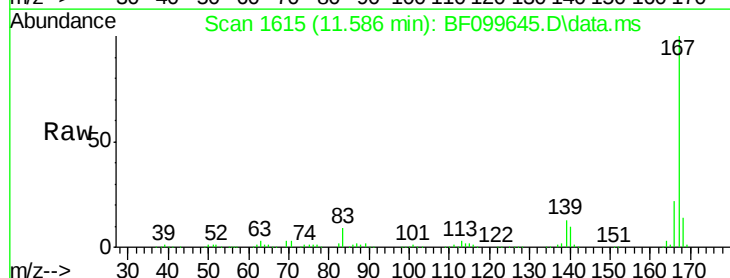
Tgt Ion:167 Resp: 442615

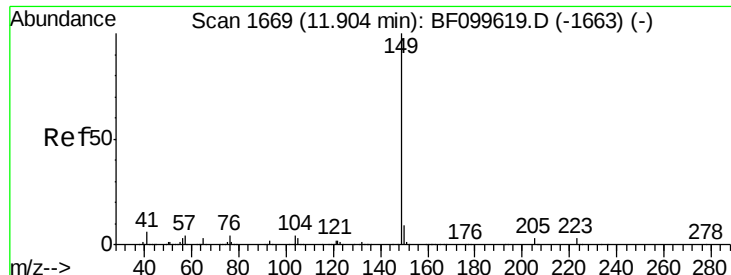
Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.66 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

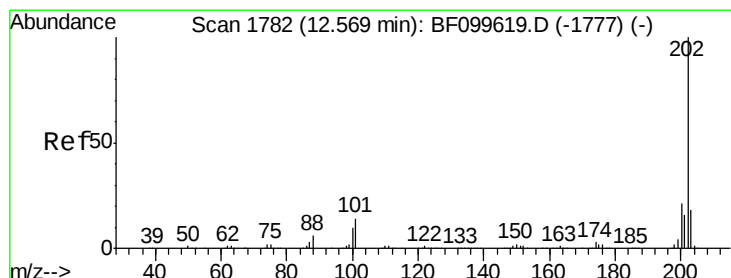
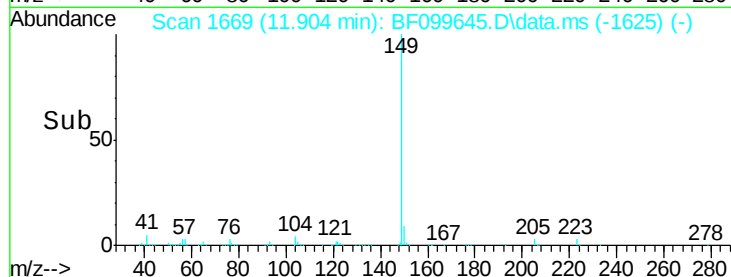
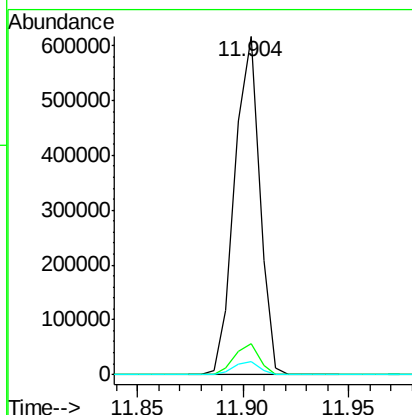
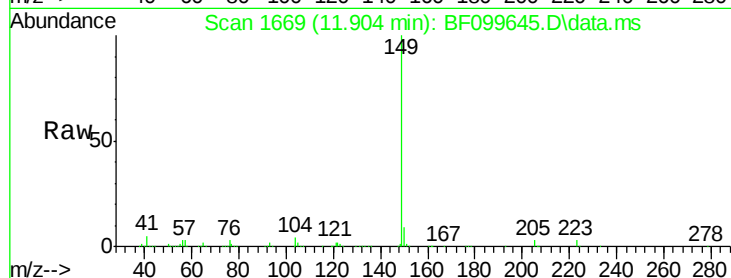
Tot Ion:149 Resp: 502994

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

104 3.9 3.8 5.8



#74

Fluoranthene

Concen: 50.20 ng

RT: 12.568 min Scan# 1782

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

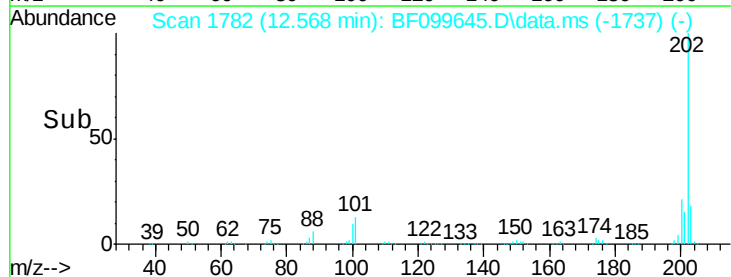
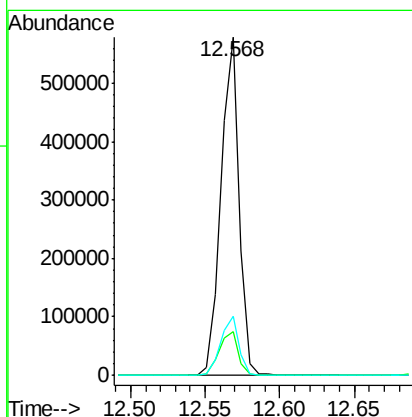
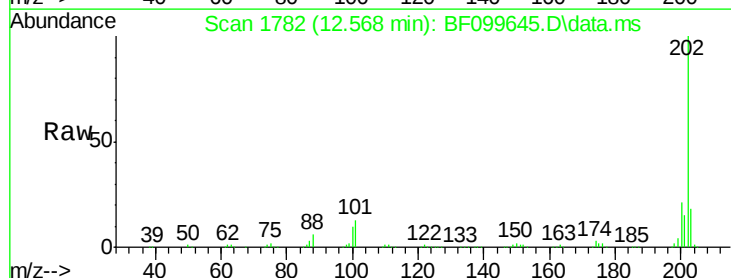
Tgt Ion:202 Resp: 496997

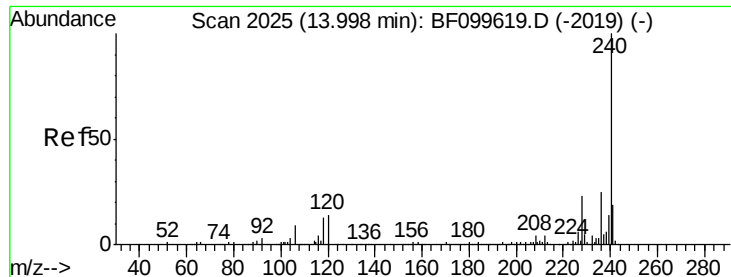
Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

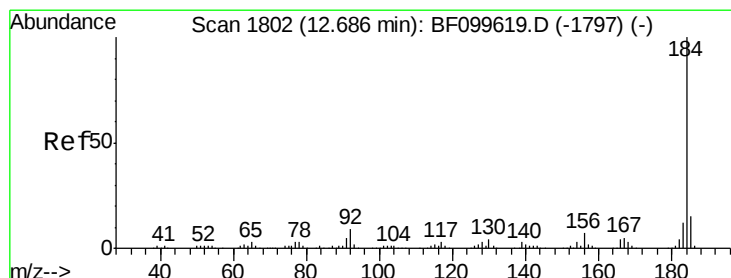
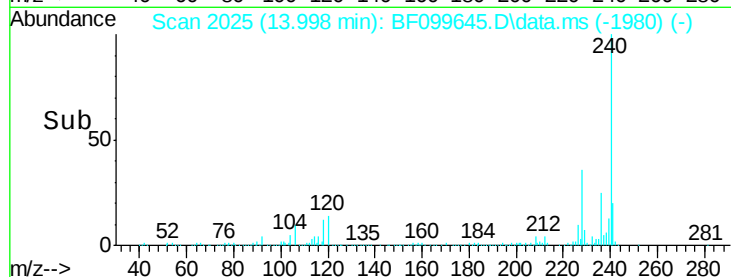
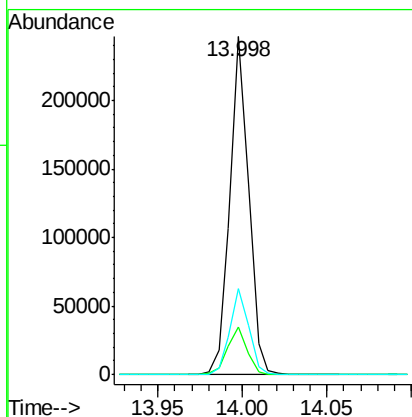
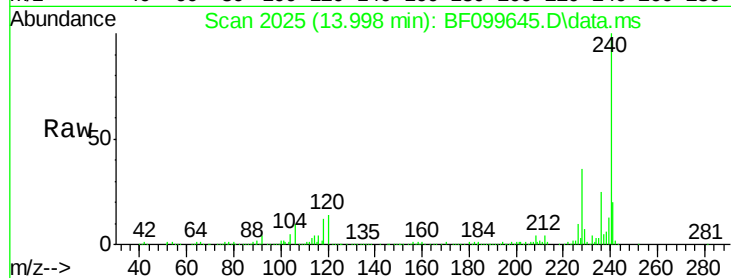
Tot Ion:240 Resp: 190119

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

236 25.2 20.7 31.1



#76

Benzidine

Concen: 41.54 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.035 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

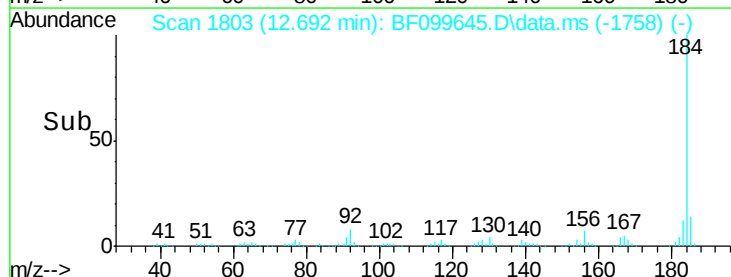
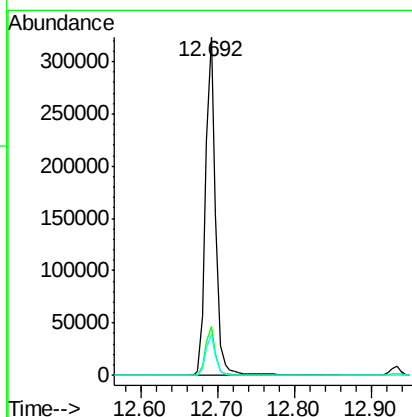
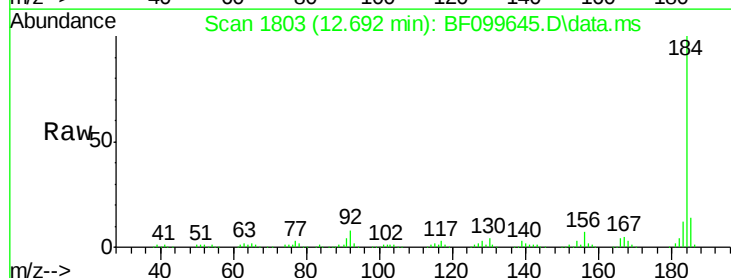
Tgt Ion:184 Resp: 292134

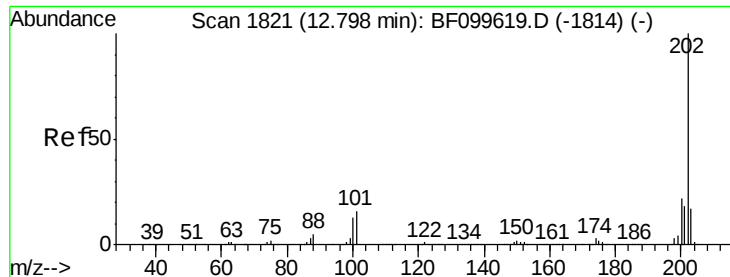
Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

183 12.1 9.3 13.9

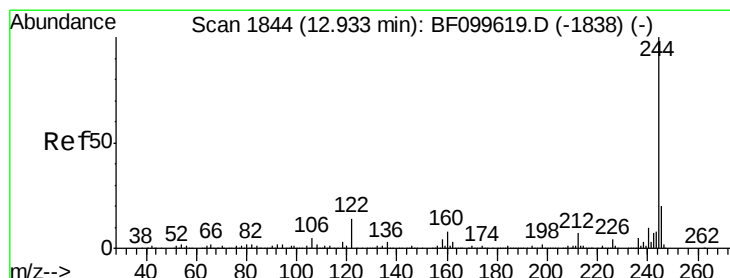
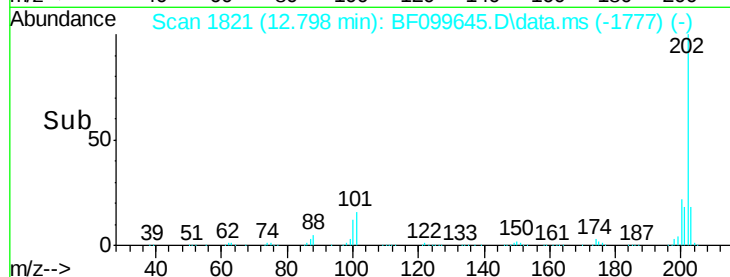
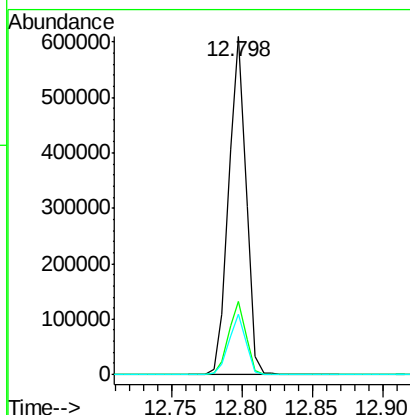
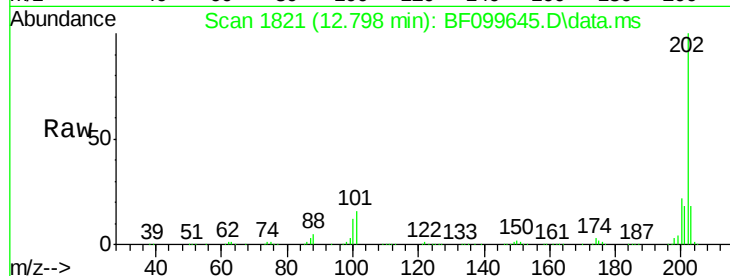




#77
Pvrene
Concen: 36.05 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

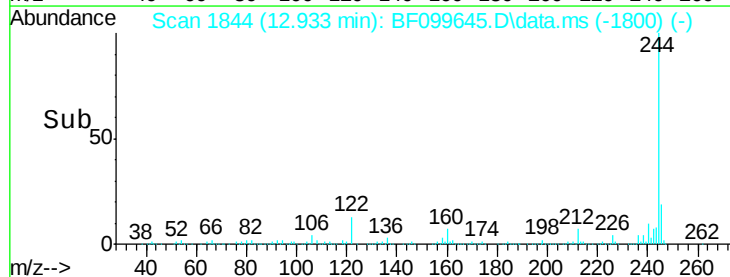
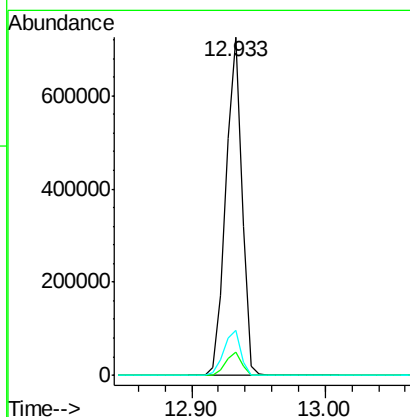
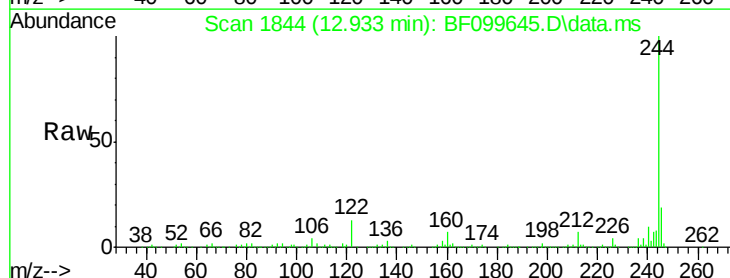
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

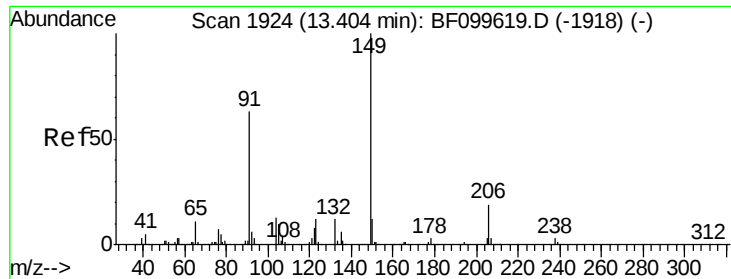
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5



#78
Terphenyl-d14
Concen: 74.70 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4

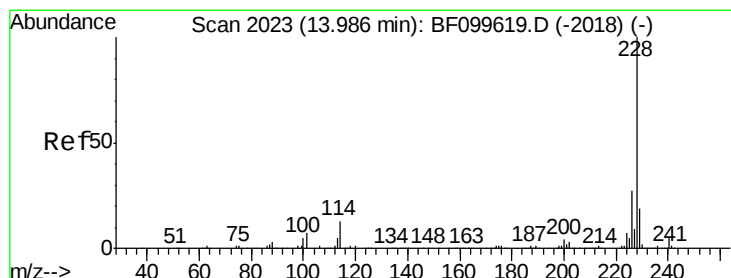
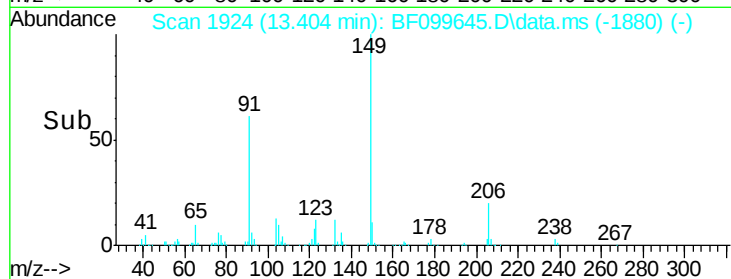
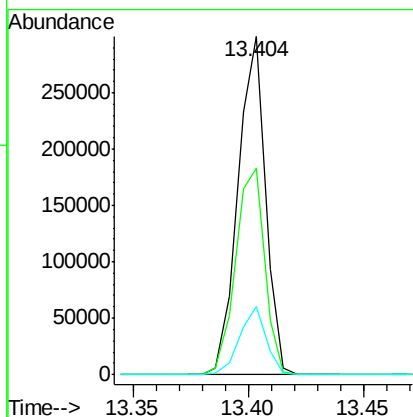
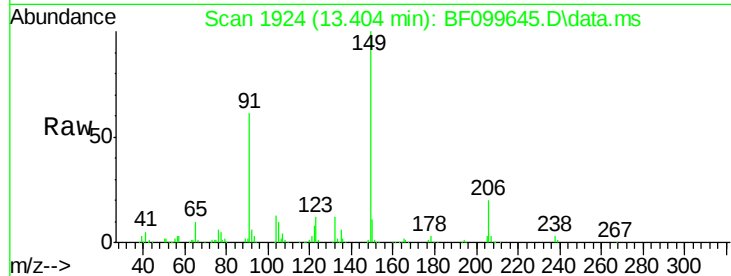




#79
Butylbenzylphthalate
Concen: 36.74 ng
RT: 13.404 min Scan# 1918
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

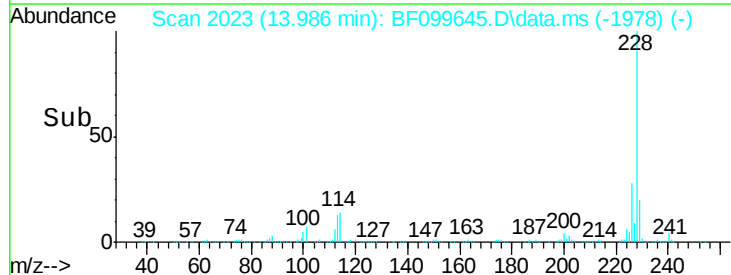
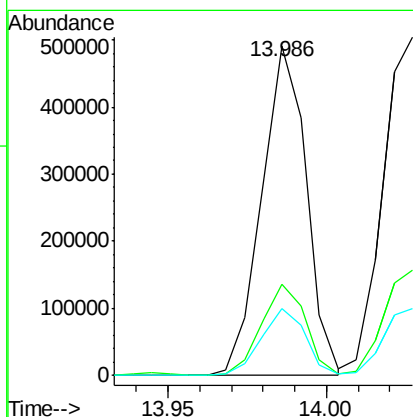
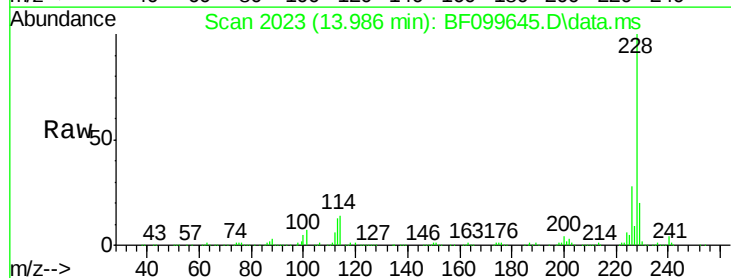
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

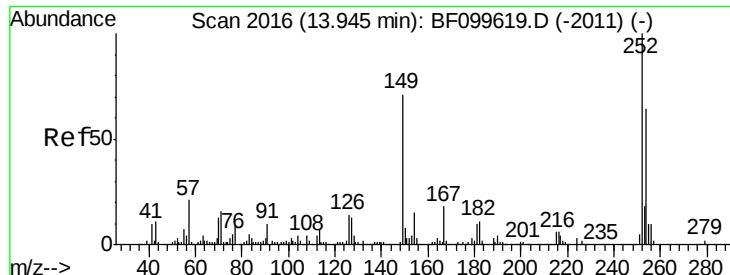
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.1	56.8	85.2
206	20.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.68 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.4	15.8	23.6

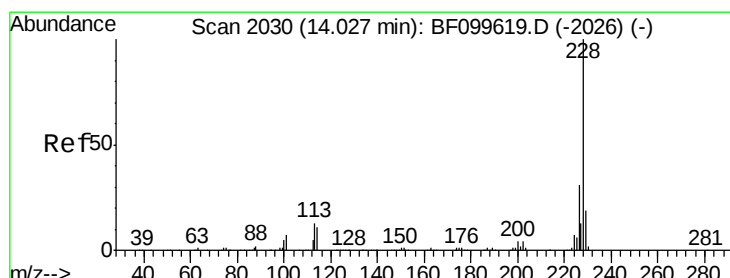
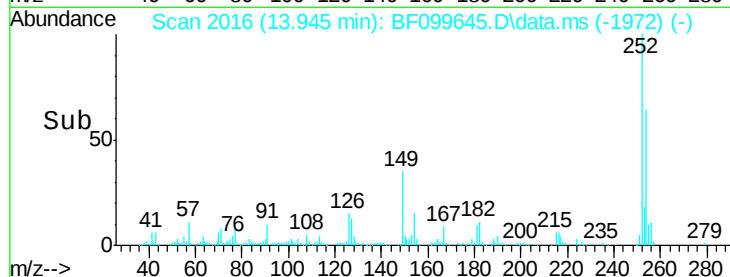
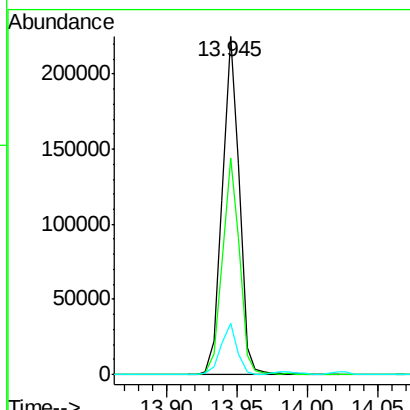
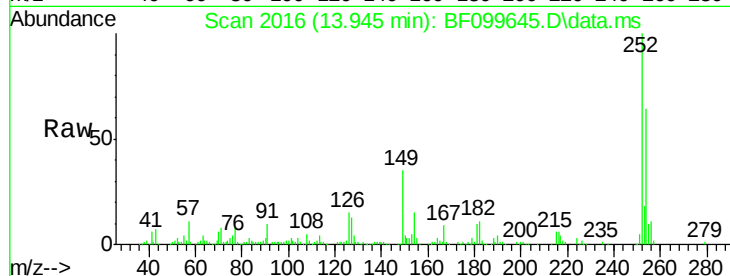




#81
 3,3'-Dichlorobenzidine
 Concen: 44.62 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

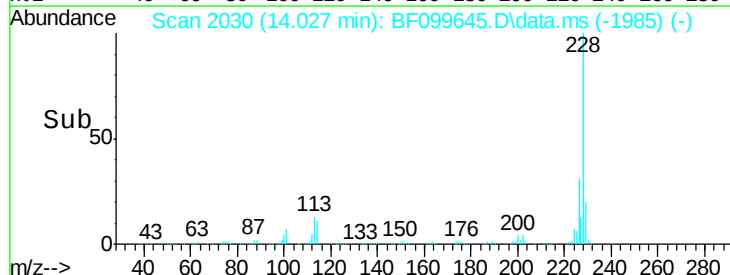
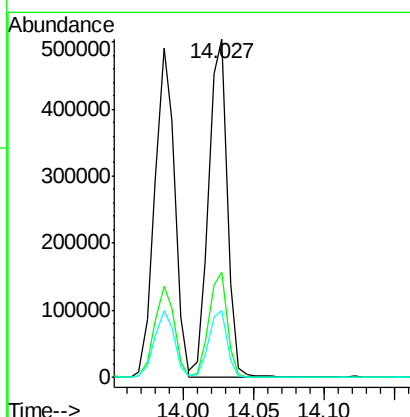
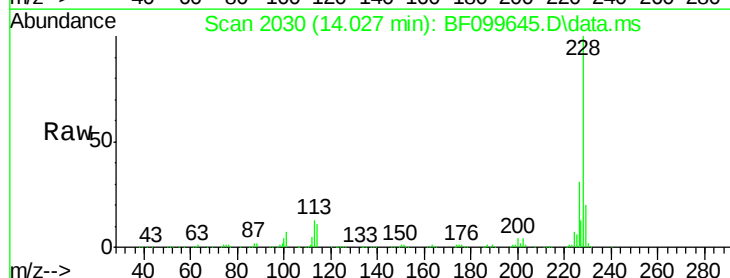
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

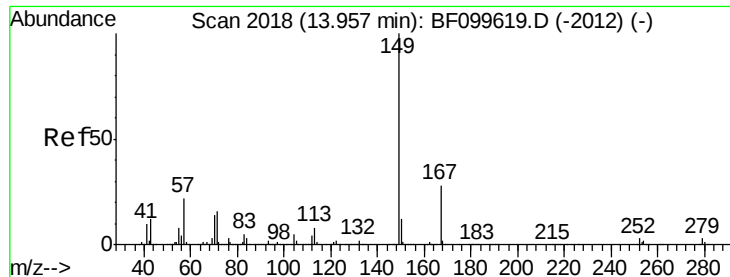
Tot Ion:252 Resp: 188324
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 15.2 11.3 16.9



#82
 Chrysene
 Concen: 42.33 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.035 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion:228 Resp: 463909
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.7 16.2 24.4

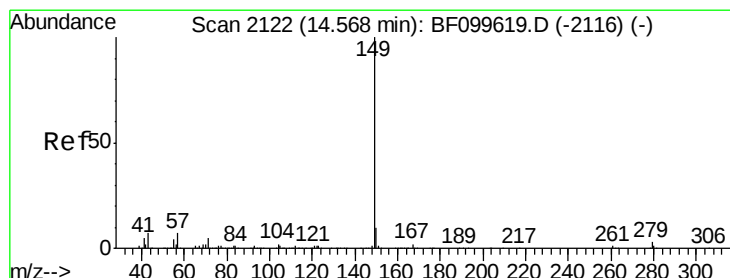
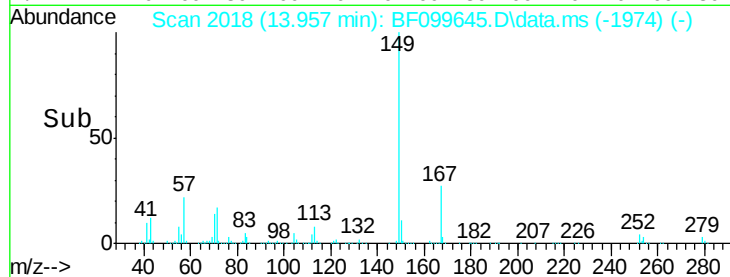
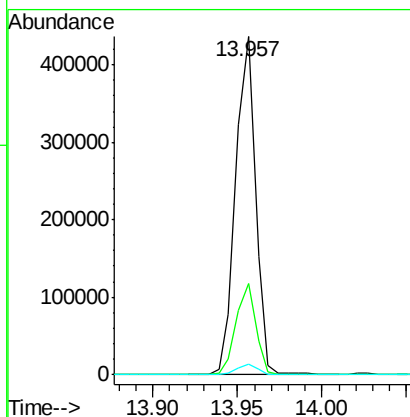
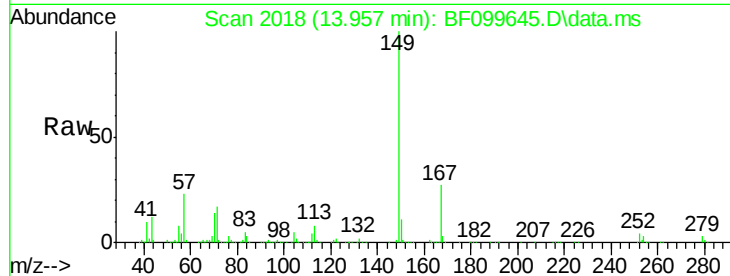




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.23 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

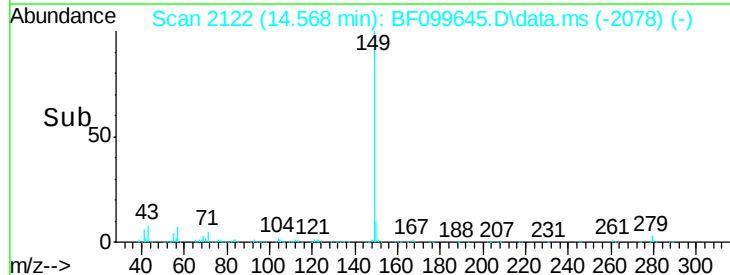
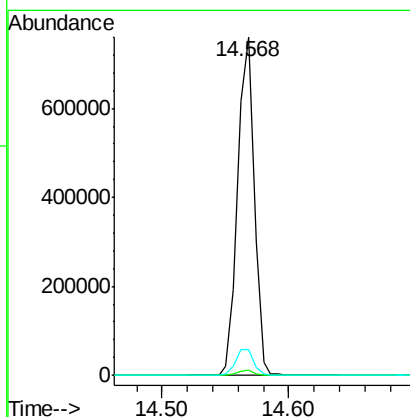
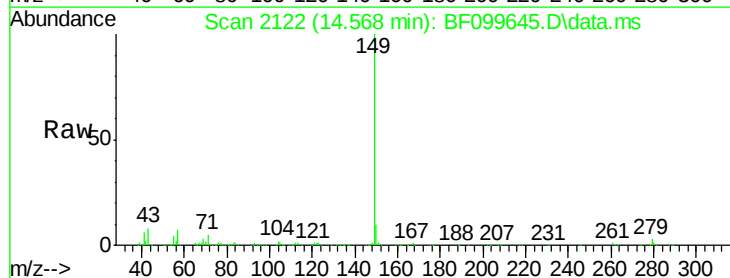
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

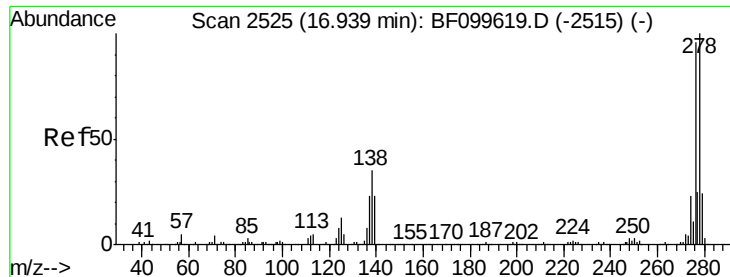
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 45.18 ng
 RT: 14.568 min Scan# 2122
 Delta R.T. -0.041 min
 Lab File: BF099645.D
 Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.1	8.4	12.6#

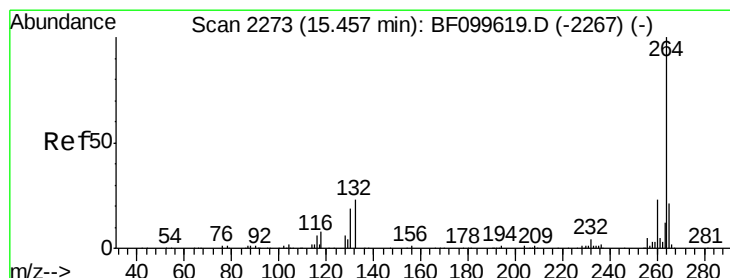
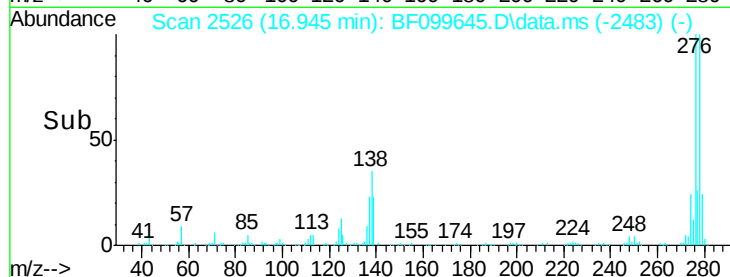
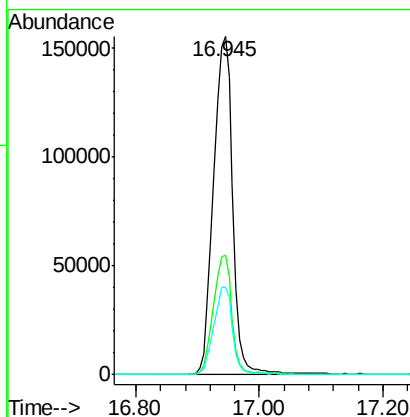
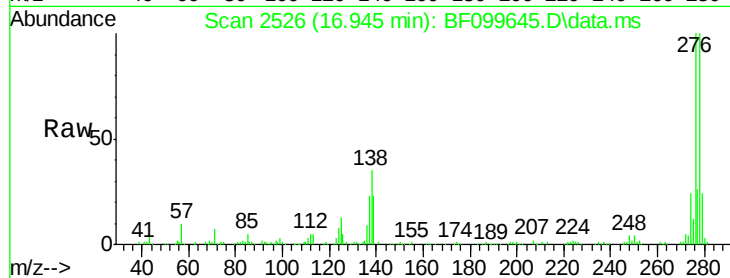




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.86 ng
RT: 16.945 min Scan# 25
Delta R.T. -0.047 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

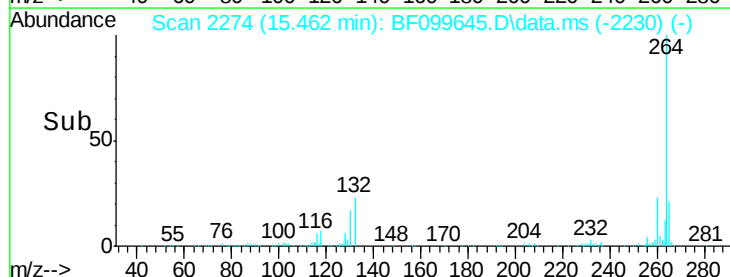
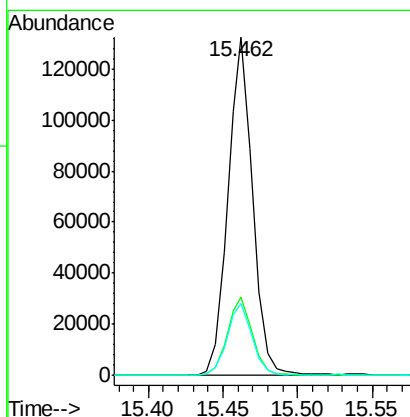
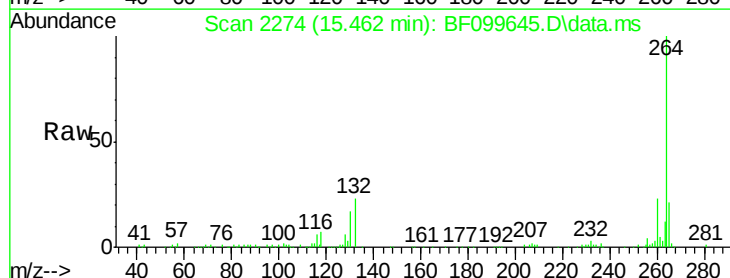
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

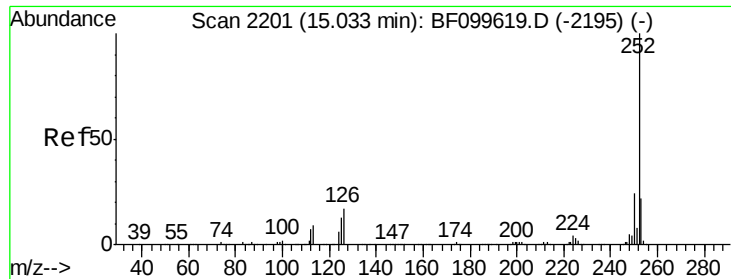
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	25.0	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3

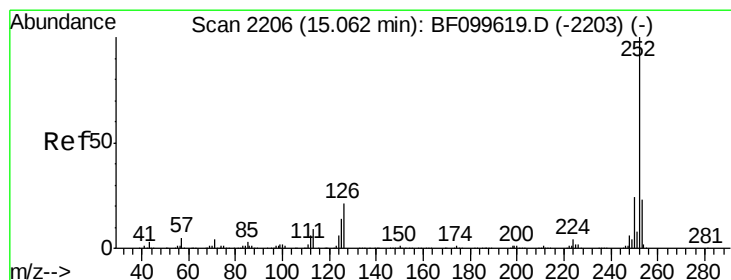
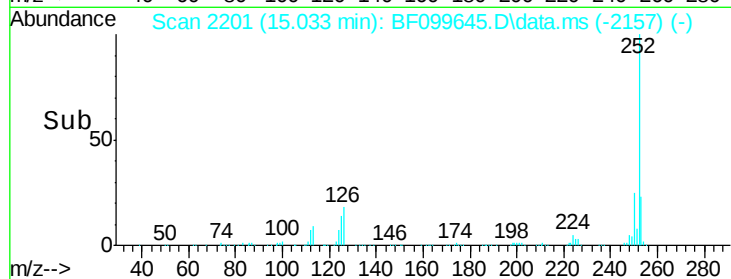
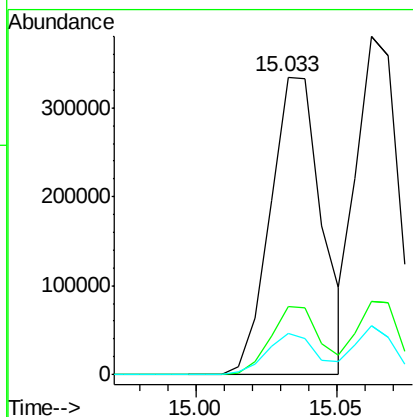
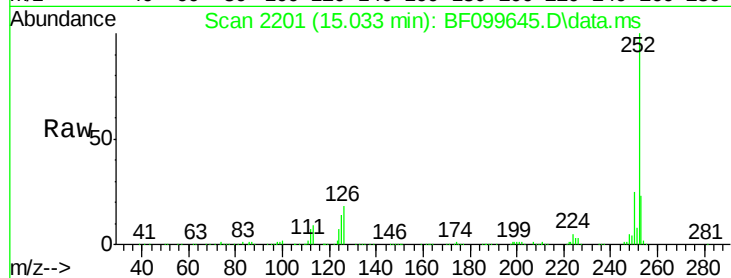




#87
Benzo(b)fluoranthene
Concen: 45.02 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.041 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

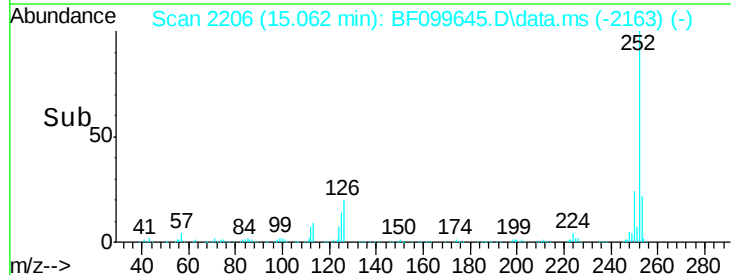
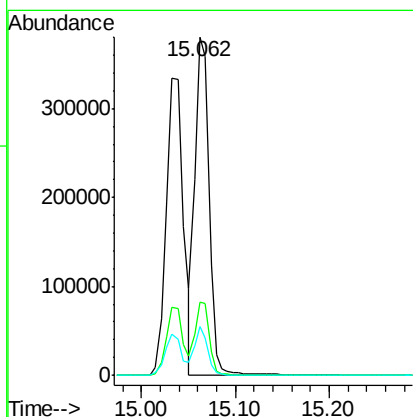
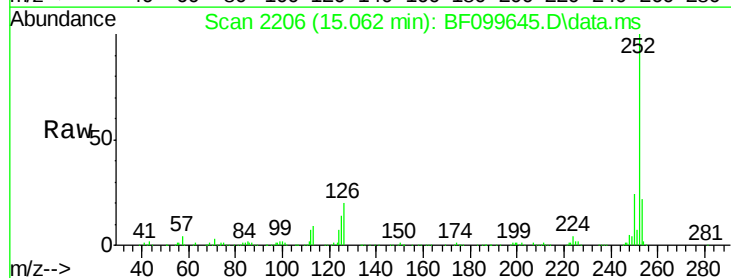
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

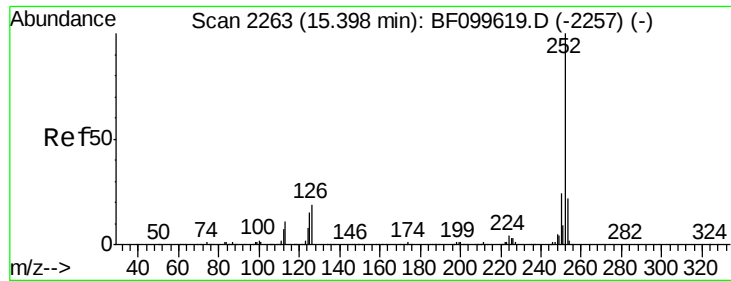
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.9	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 42.93 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.047 min
Lab File: BF099645.D
Acq: 19 Oct 2017 5:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	14.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 42.86 ng

RT: 15.403 min Scan# 22

Delta R.T. -0.041 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

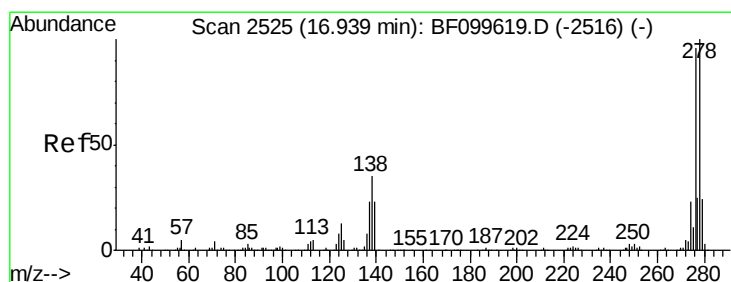
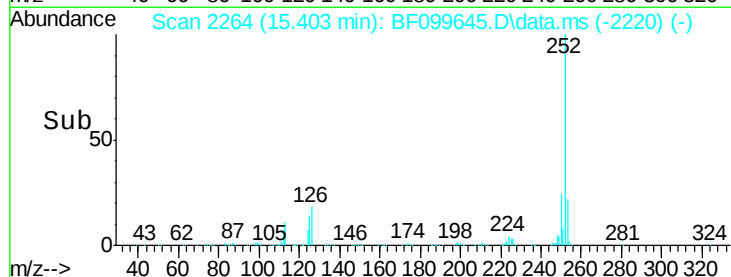
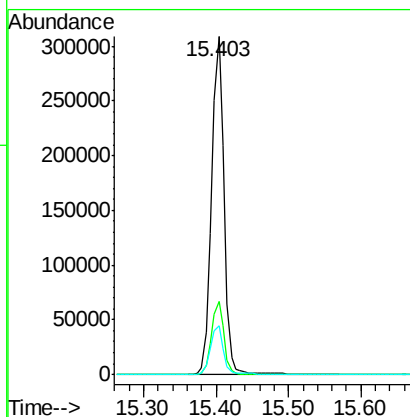
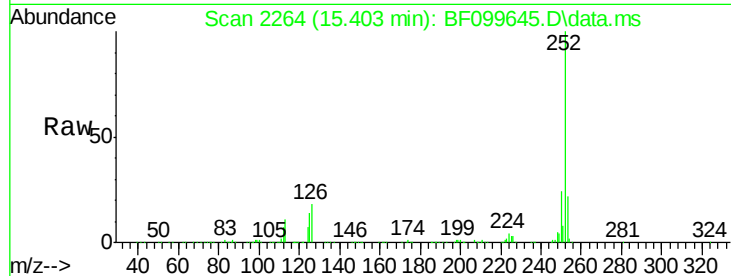
Tot Ion:252 Resp: 370892

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 14.3 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 40.35 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.065 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

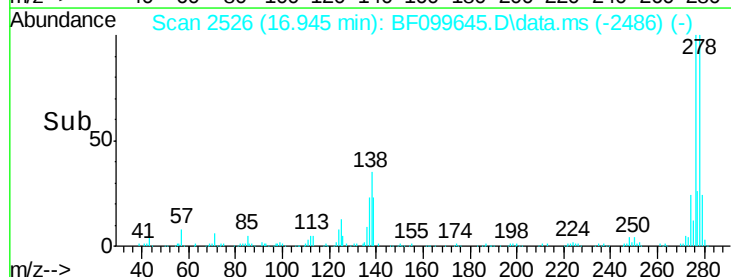
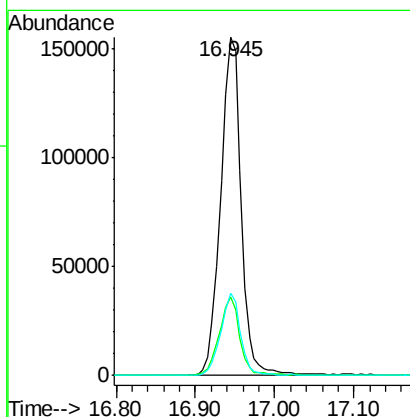
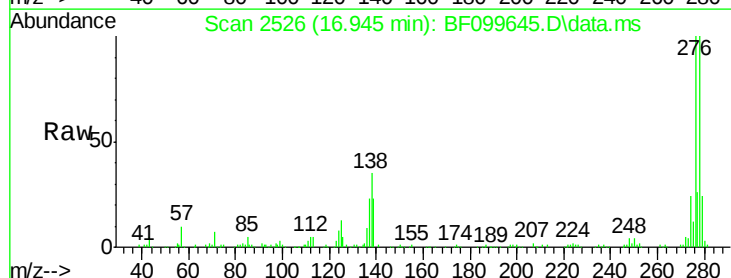
Tgt Ion:278 Resp: 279401

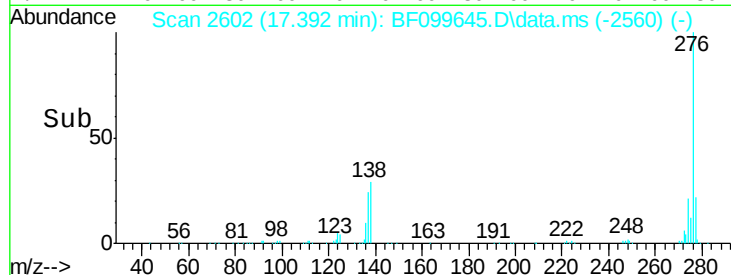
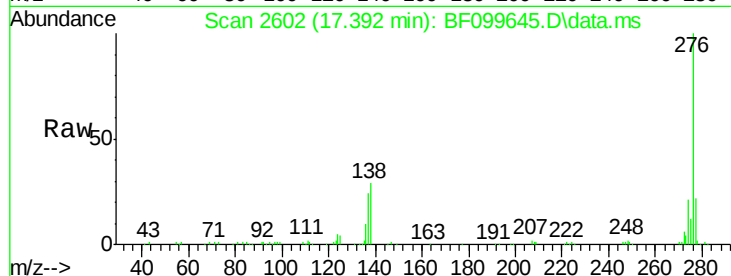
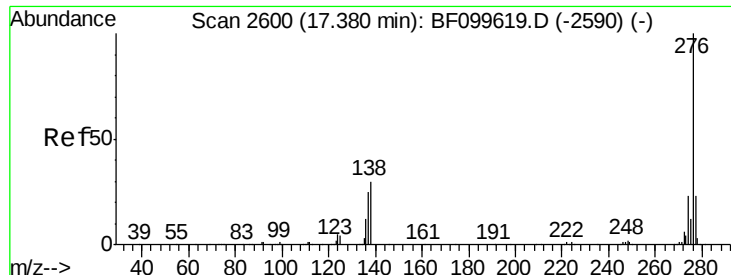
Ion Ratio Lower Upper

278 100

139 23.1 15.9 23.9

279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.95 ng

RT: 17.392 min Scan# 26

Delta R.T. -0.053 min

Lab File: BF099645.D

Acq: 19 Oct 2017 5:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 266613

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 29.0 21.8 32.8

