

Data Path : Z:\HPCHEM1\BNA F\Data\BF092317\
 Data File : BF098733.D
 Acq On : 23 Sep 2017 12:22
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 12:58:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 12:56:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.922	152	161478	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	674335	20.00	ng	0.00
38) Acenaphthene-d10	9.963	164	305642	20.00	ng	0.00
63) Phenanthrene-d10	11.445	188	537988	20.00	ng	0.00
75) Chrysene-d12	14.092	240	381534	20.00	ng	0.00
86) Perylene-d12	15.574	264	309198	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.539	112	997774	93.83	ng	0.00
7) Phenol-d6	6.551	99	1225951	95.20	ng	0.00
23) Nitrobenzene-d5	7.492	82	1041096	104.72	ng	0.00
41) 2,4,6-Tribromophenol	10.751	330	249599	89.30	ng	0.00
44) 2-Fluorobiphenyl	9.280	172	1746237	90.92	ng	0.00
78) Terphenyl-d14	13.033	244	1653436	93.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.757	88	238754	47.53	ng	98
3) Pyridine	3.534	79	662953	49.66	ng	98
4) n-Nitrosodimethylamine	3.493	42	281802	48.18	ng	97
6) Aniline	6.592	93	825879	48.41	ng	100
8) 2-Chlorophenol	6.710	128	553149	47.89	ng	98
9) Benzaldehyde	6.475	77	325237	45.03	ng	98
10) Phenol	6.563	94	683038	48.06	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	522070	47.68	ng	98
12) 1,3-Dichlorobenzene	6.869	146	578142	47.38	ng	98
13) 1,4-Dichlorobenzene	6.939	146	586868	47.52	ng	100
14) 1,2-Dichlorobenzene	7.098	146	542056	47.07	ng	98
15) Benzyl Alcohol	7.063	79	442084	47.58	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	814700	46.69	ng	99
17) 2-Methylphenol	7.169	107	454783	48.32	ng	100
18) Hexachloroethane	7.439	117	209676	49.32	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	372657	46.71	ng	98
20) 3+4-Methylphenols	7.322	107	566801	46.71	ng	96
22) Acetophenone	7.333	105	768454	46.07	ng	98
24) Nitrobenzene	7.510	77	581359	50.63	ng	97
25) Isophorone	7.751	82	1055258	48.67	ng	99
26) 2-Nitrophenol	7.822	139	295950	63.41	ng	94
27) 2,4-Dimethylphenol	7.851	122	518151	48.66	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	648298	48.05	ng	99
29) 2,4-Dichlorophenol	8.057	162	451962	49.34	ng	99
30) 1,2,4-Trichlorobenzene	8.145	180	447269	48.41	ng	98
31) Naphthalene	8.228	128	1500751	46.89	ng	99
32) Benzoic acid	7.986	122	458963	80.67	ng	99
33) 4-Chloroaniline	8.275	127	635148	47.73	ng	98
34) Hexachlorobutadiene	8.345	225	227465	45.70	ng	98
35) Caprolactam	8.663	113	144408	50.56	ng	93
36) 4-Chloro-3-methylphenol	8.751	107	503301	48.14	ng	96
37) 2-Methylnaphthalene	8.922	142	985267	47.94	ng	99
39) 1,2,4,5-Tetrachloroben...	9.086	216	434173	48.03	ng	99
40) Hexachlorocyclopentadiene	9.069	237	210498	53.59	ng	98

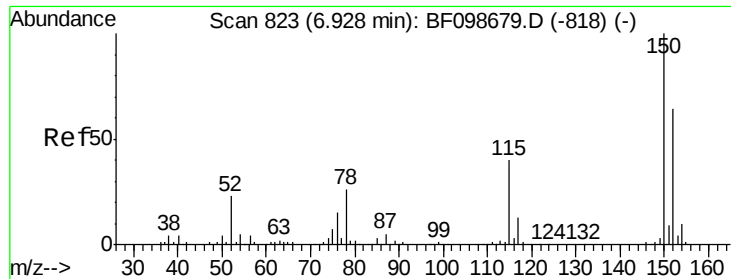
Data Path : Z:\HPCHEM1\BNA F\Data\BF092317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.192	196	318766	52.33	nq	99
43) 2,4,5-Trichlorophenol	9.227	196	312934	50.10	nq	98
45) 1,1'-Biphenyl	9.386	154	1231681	46.91	nq	99
46) 2-Chloronaphthalene	9.410	162	937845	47.63	nq	98
47) 2-Nitroaniline	9.504	65	304119	55.01	nq	98
48) Acenaphthylene	9.827	152	1424251	47.03	nq	99
49) Dimethylphthalate	9.686	163	1091788	47.63	nq	100
50) 2,6-Dinitrotoluene	9.745	165	252145	55.75	nq	98
51) Acenaphthene	9.998	154	913880	48.61	nq	99
52) 3-Nitroaniline	9.916	138	293566	54.45	nq	96
53) 2,4-Dinitrophenol	10.016	184	123694	86.37	nq	97
54) Dibenzofuran	10.169	168	1205346	46.96	nq	98
55) 4-Nitrophenol	10.063	139	253825	54.10	nq	93
56) 2,4-Dinitrotoluene	10.145	165	336276	55.34	nq	# 99
57) Fluorene	10.510	166	951519	46.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.280	232	218163	49.09	nq	98
59) Diethylphthalate	10.380	149	1072028	47.73	nq	98
60) 4-Chlorophenyl-phenyle...	10.504	204	421832	46.67	nq	95
61) 4-Nitroaniline	10.533	138	287344	55.57	nq	96
62) Azobenzene	10.663	77	980676	46.68	nq	97
64) 4,6-Dinitro-2-methylph...	10.557	198	172576	74.10	nq	85
65) n-Nitrosodiphenylamine	10.621	169	880968	47.57	nq	99
66) 4-Bromophenyl-phenylether	10.992	248	251709	46.34	nq	95
67) Hexachlorobenzene	11.057	284	270422	43.69	nq	98
68) Atrazine	11.145	200	264765	47.53	nq	100
69) Pentachlorophenol	11.245	266	179153	50.64	nq	98
70) Phenanthrene	11.474	178	1347494	46.17	nq	99
71) Anthracene	11.527	178	1373609	46.16	nq	99
72) Carbazole	11.680	167	1362159	46.85	nq	99
73) Di-n-butylphthalate	12.004	149	1650970	48.88	nq	100
74) Fluoranthene	12.663	202	1365727	46.96	nq	100
76) Benzidine	12.780	184	681138	43.96	nq	97
77) Pyrene	12.892	202	1431889	50.55	nq	100
79) Butylbenzylphthalate	13.504	149	683849	58.36	nq	94
80) Benzo(a)anthracene	14.080	228	1109817	48.29	nq	100
81) 3,3'-Dichlorobenzidine	14.039	252	409335	49.91	nq	99
82) Chrysene	14.115	228	1033438	46.56	nq	99
83) Bis(2-ethylhexyl)phtha...	14.057	149	913851	56.38	nq	# 100
84) Di-n-octyl phthalate	14.674	149	1444051	59.32	nq	99
85) Indeno(1,2,3-cd)pyrene	17.092	276	863557	50.16	nq	97
87) Benzo(b)fluoranthene	15.139	252	911132	50.81	nq	97
88) Benzo(k)fluoranthene	15.174	252	924228	51.58	nq	99
89) Benzo(a)pyrene	15.515	252	850369	52.22	nq	# 96
90) Dibenzo(a,h)anthracene	17.109	278	701645	50.94	nq	98
91) Benzo(g,h,i)perylene	17.550	276	703804	50.83	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.922 min Scan# 82

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

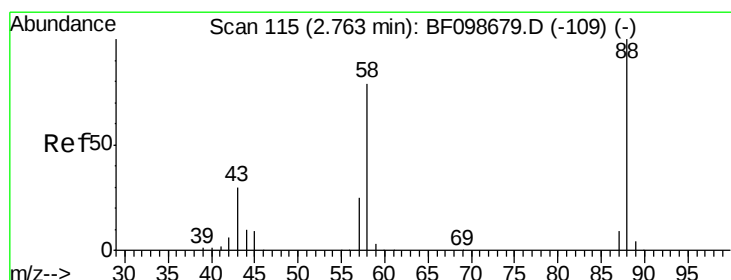
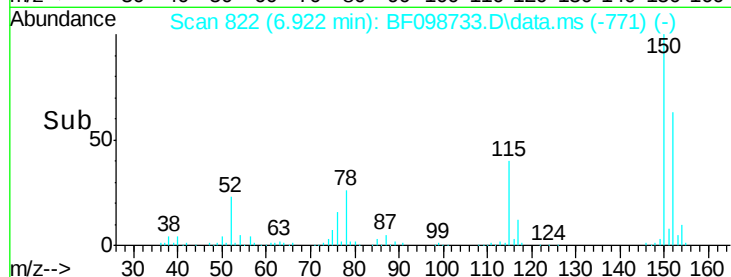
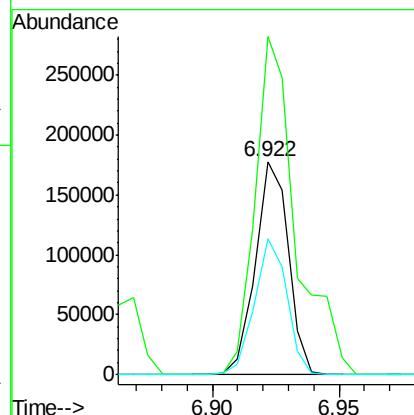
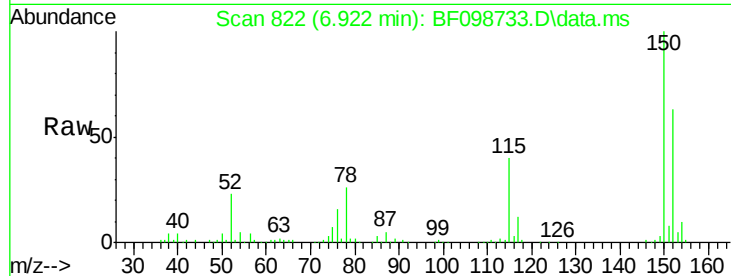
Tot Ion:152 Resp: 161478

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

115 63.6 50.1 75.1



#2

1,4-Dioxane

Concen: 47.53 ng

RT: 2.757 min Scan# 114

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

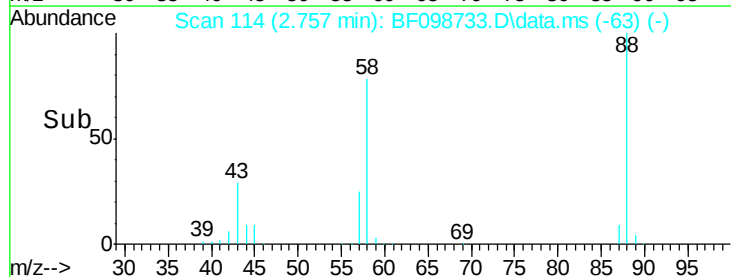
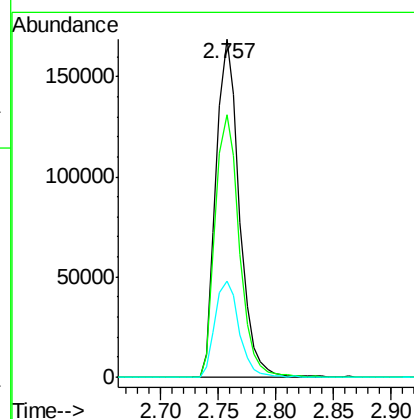
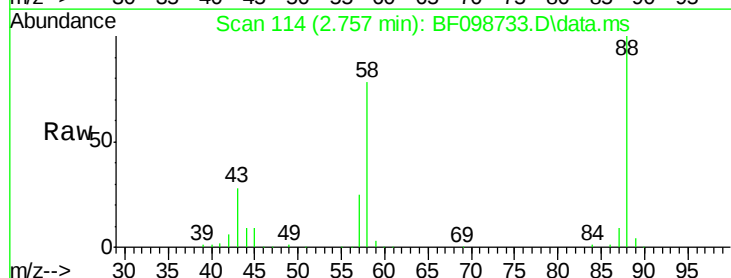
Tgt Ion: 88 Resp: 238754

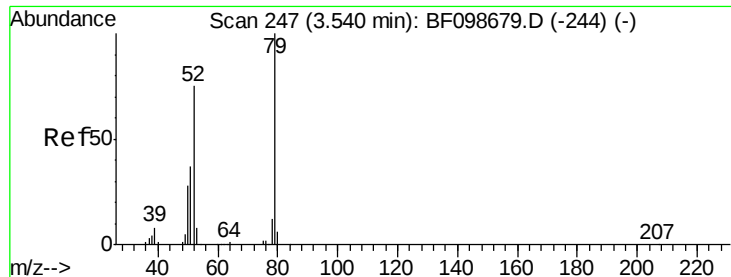
Ion Ratio Lower Upper

88 100

58 79.9 62.6 93.8

43 29.4 24.6 37.0





#3

Pvridine

Concen: 49.66 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

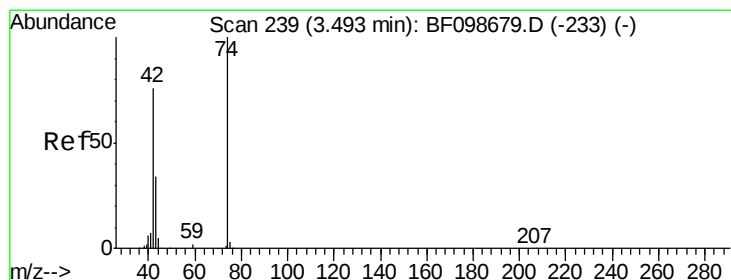
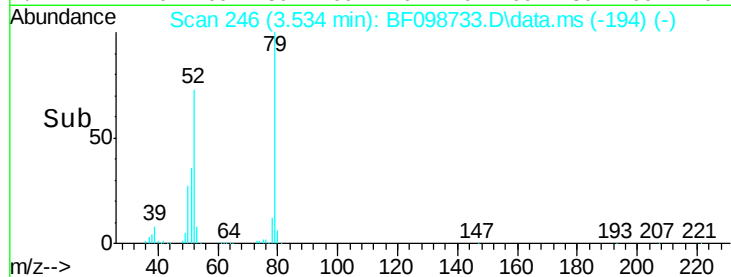
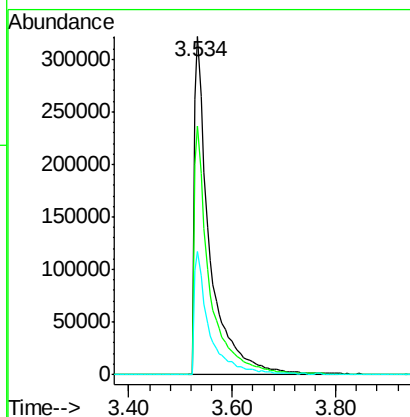
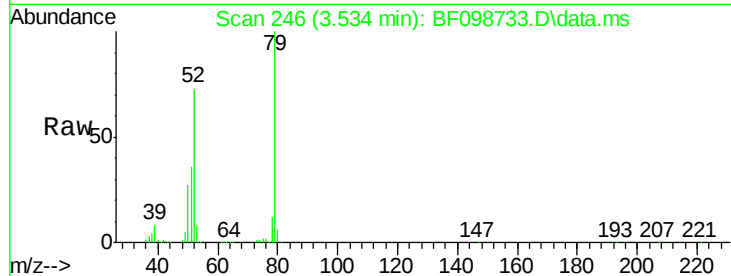
Tot Ion: 79 Resp: 662953

Ion Ratio Lower Upper

79 100

52 73.4 59.8 89.6

51 36.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 48.18 ng

RT: 3.493 min Scan# 239

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

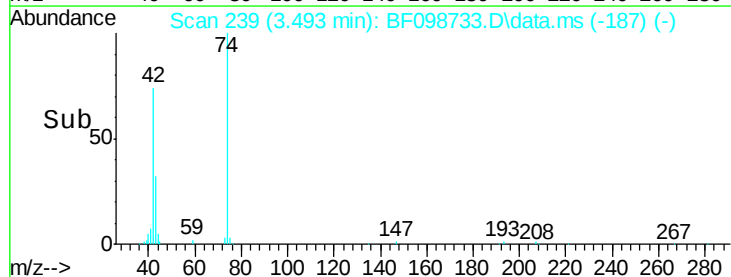
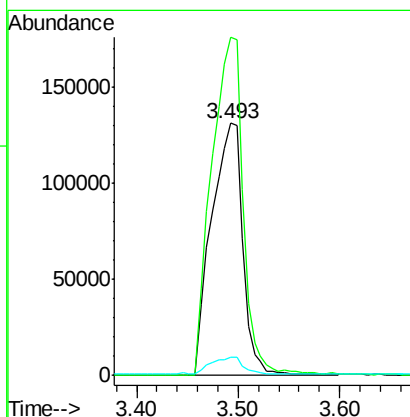
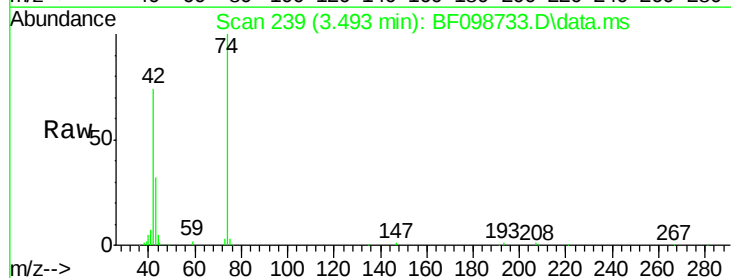
Tgt Ion: 42 Resp: 281802

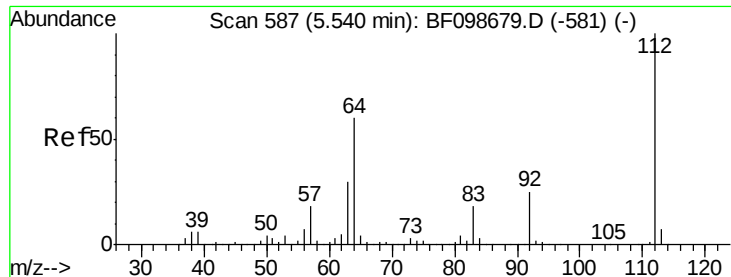
Ion Ratio Lower Upper

42 100

74 134.2 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 93.83 ng

RT: 5.539 min Scan# 58

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

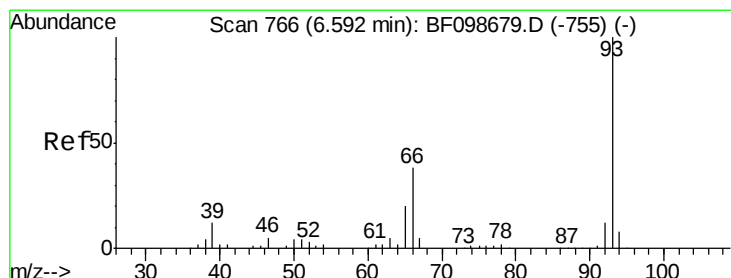
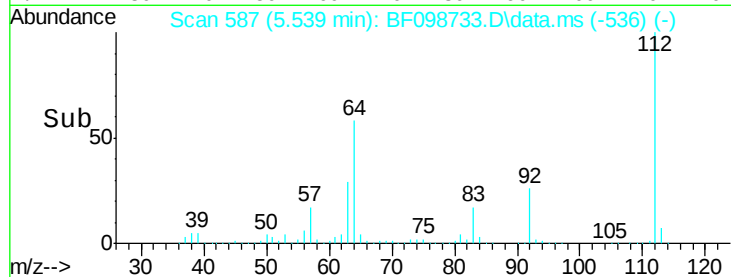
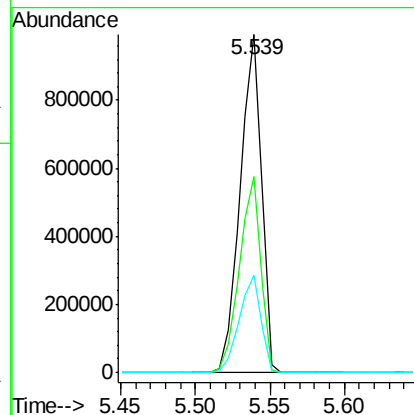
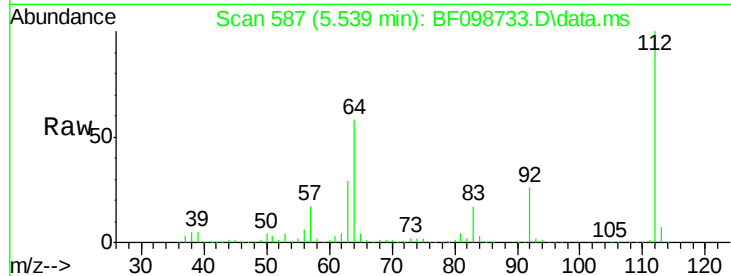
Tot Ion:112 Resp: 997774

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

63 28.8 23.7 35.5



#6

Aniline

Concen: 48.41 ng

RT: 6.592 min Scan# 766

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

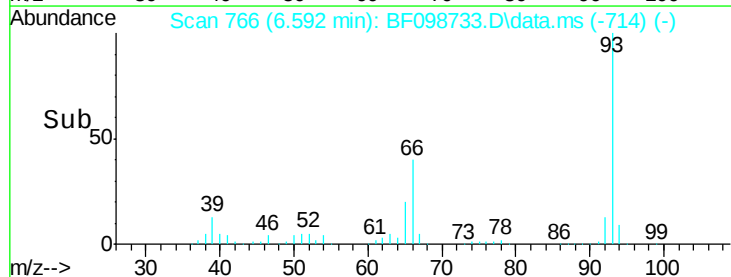
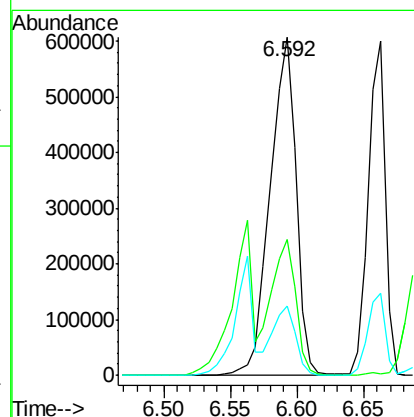
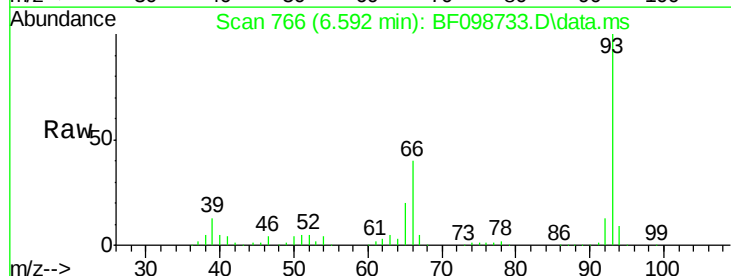
Tgt Ion: 93 Resp: 825879

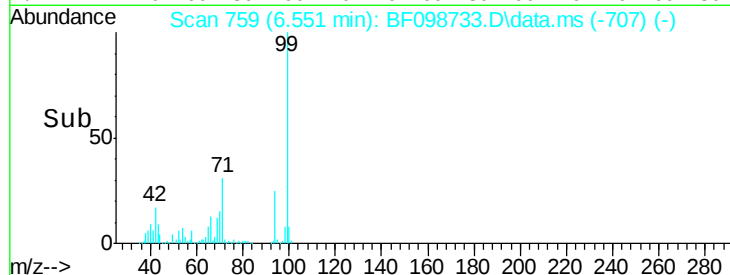
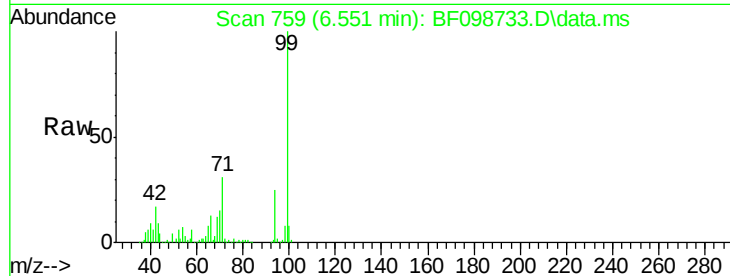
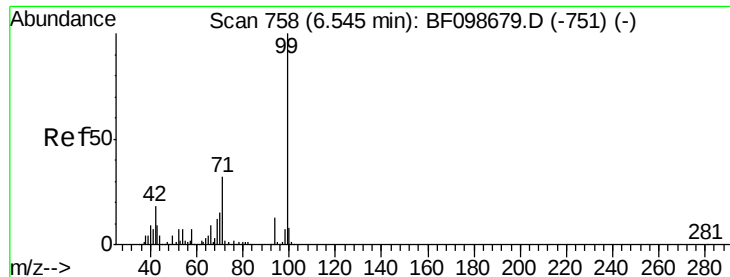
Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

65 20.3 16.4 24.6





#7

Phenol-d6

Concen: 95.20 ng

RT: 6.551 min Scan# 75

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

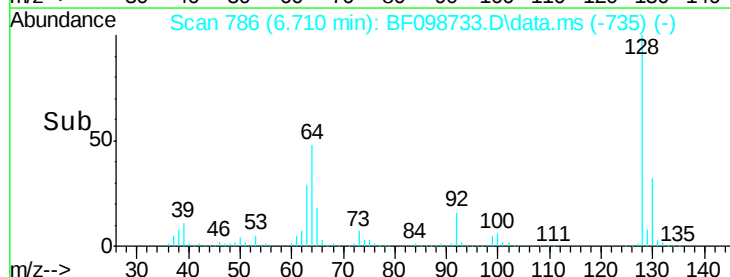
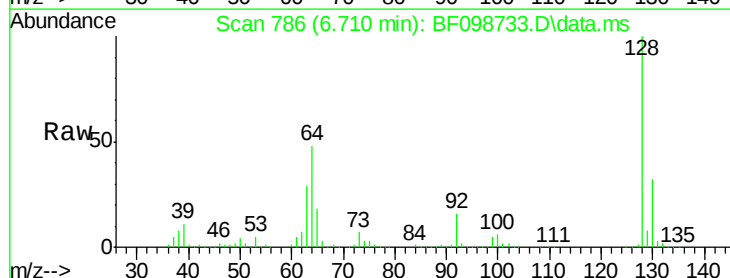
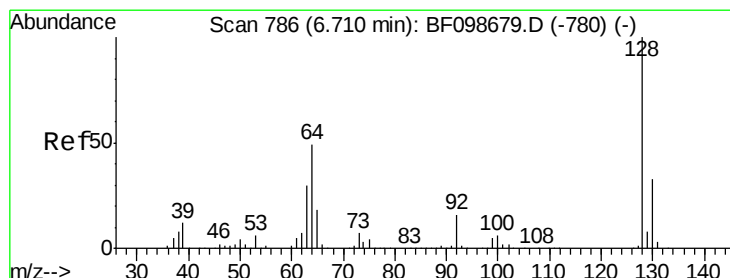
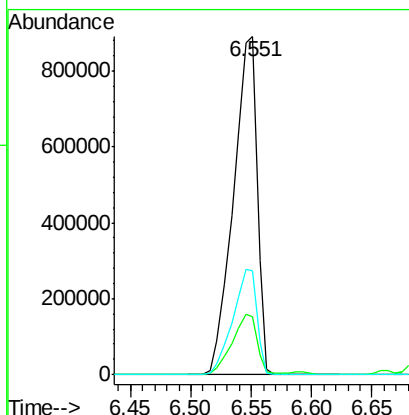
Tot Ion: 99 Resp: 1225951

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

71 30.7 25.4 38.0



#8

2-Chlorophenol

Concen: 47.89 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

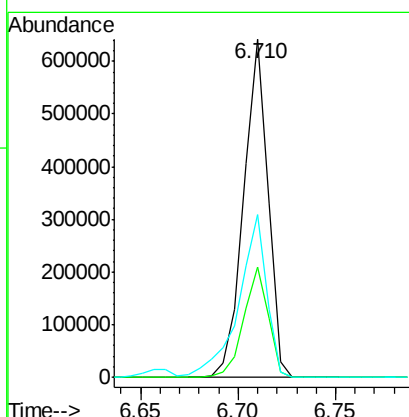
Tgt Ion: 128 Resp: 553149

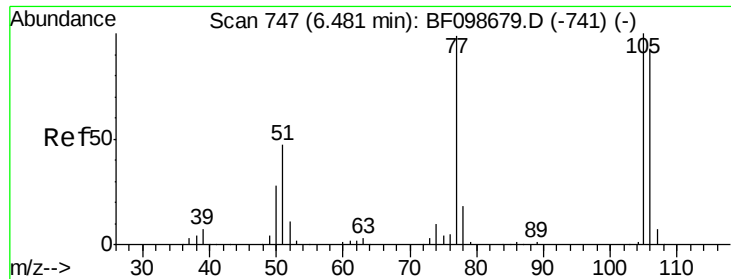
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 48.0 29.4 69.4

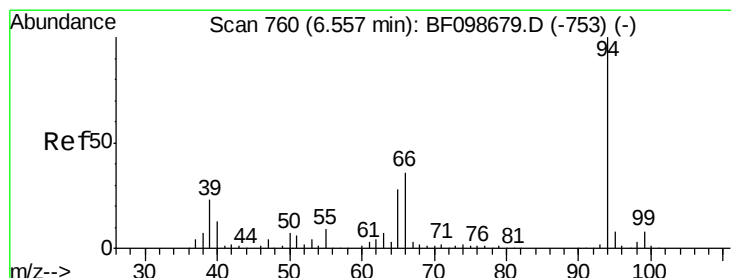
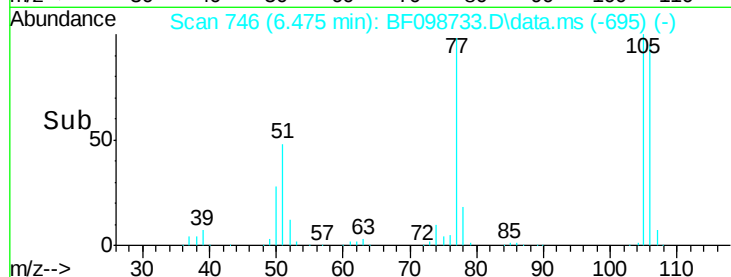
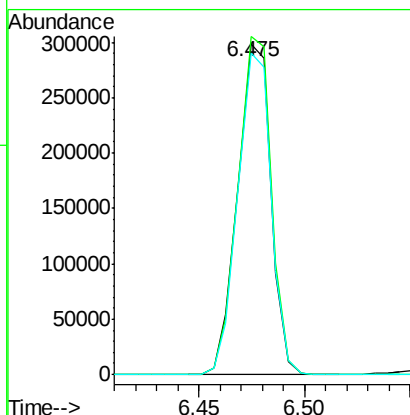
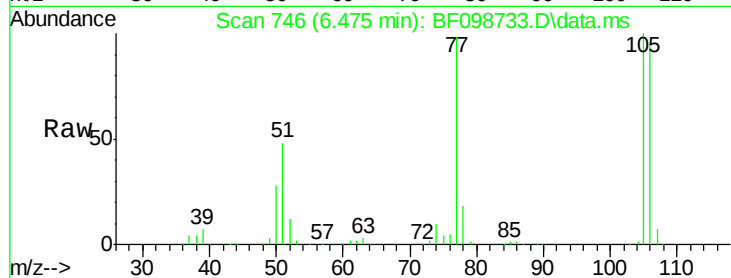




#9
Benzaldehyde
Concen: 45.03 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

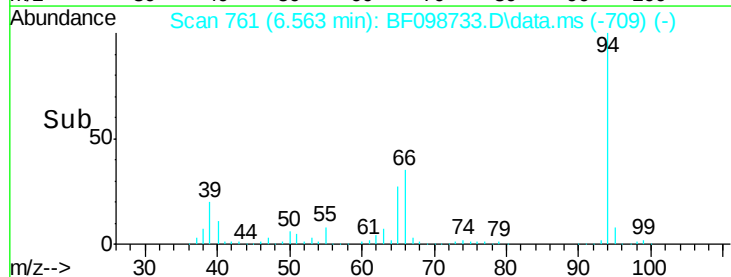
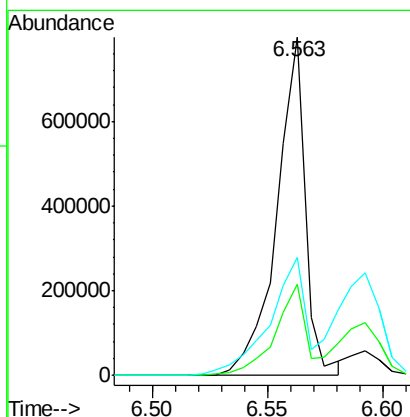
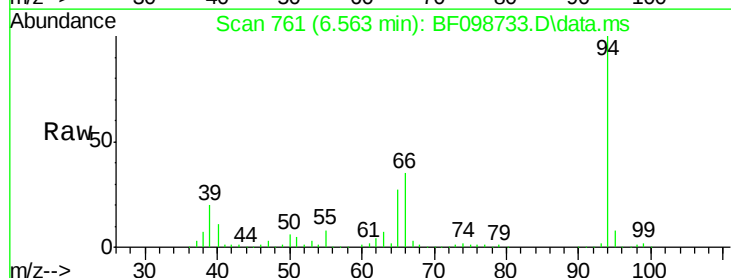
Instrument :
BNA_F
ClientSampleId :

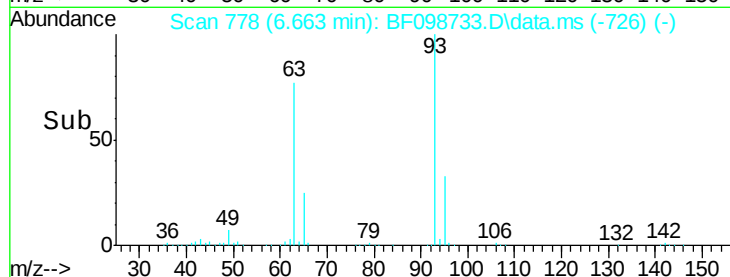
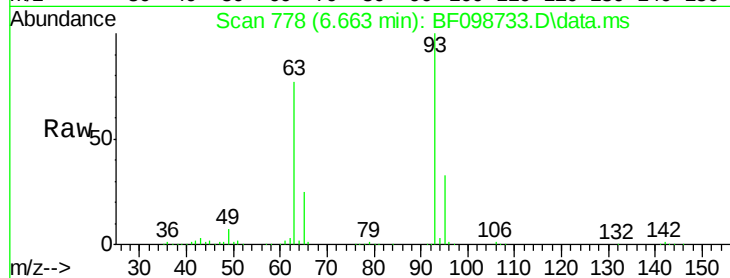
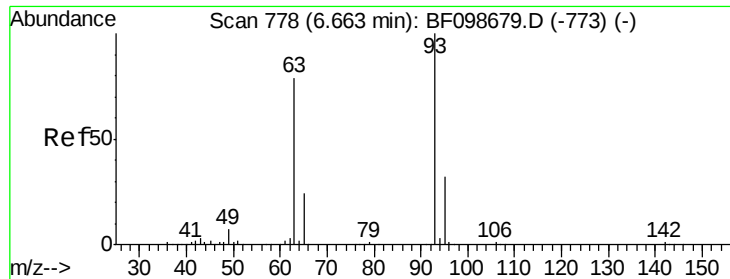
Tot Ion	Ratio	Lower	Upper
77	100		
105	102.2	81.1	121.1
106	97.2	74.5	114.5



#10
Phenol
Concen: 48.06 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	34.7	16.2	56.2

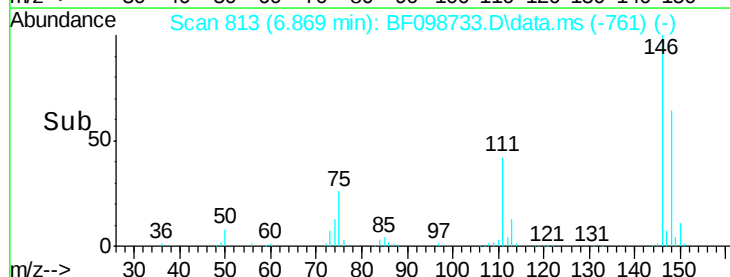
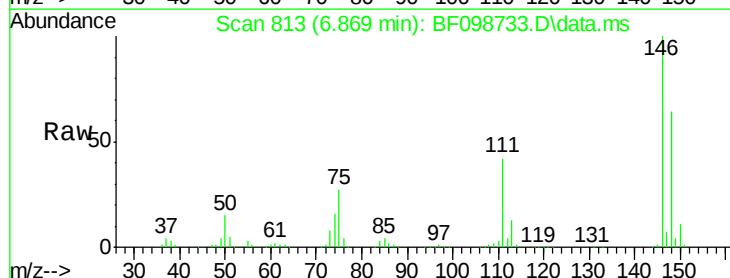
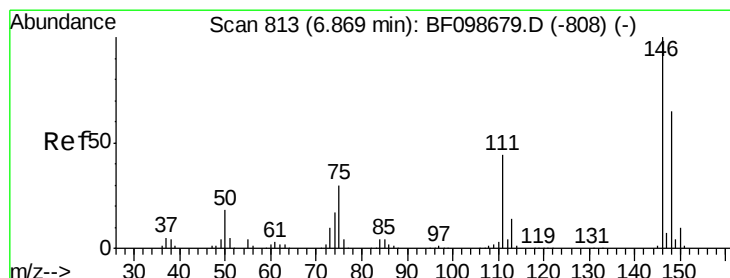
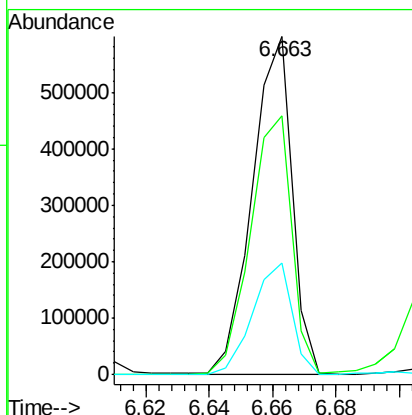




#11
bis(2-Chloroethyl)ether
Concen: 47.68 ng
RT: 6.663 min Scan# 77
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

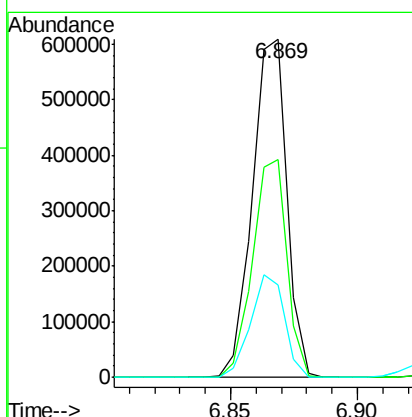
Instrument :
BNA_F
ClientSampleId :

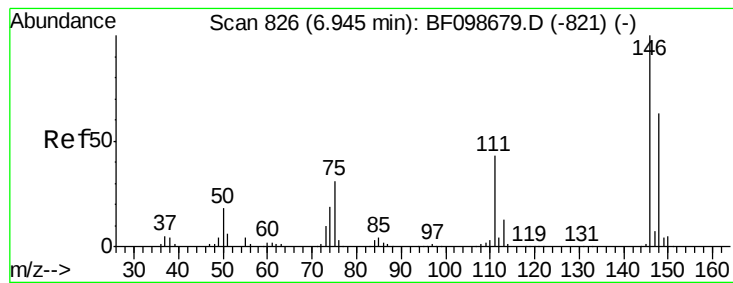
Tot Ion	93	Resp	522070
Ion Ratio	100	Lower	Upper
63	76.7	58.6	98.6
95	33.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 47.38 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion	146	Resp	578142
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
148	64.4	51.8	77.8
75	27.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 47.52 ng

RT: 6.939 min Scan# 82

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

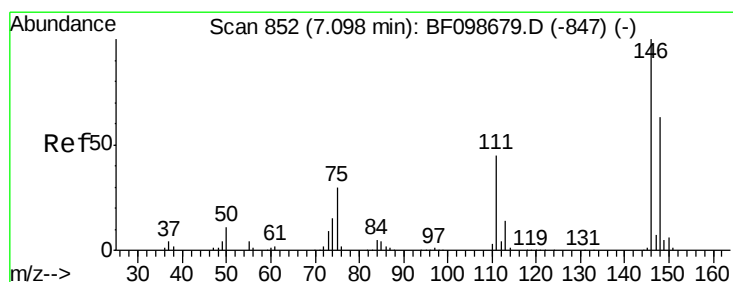
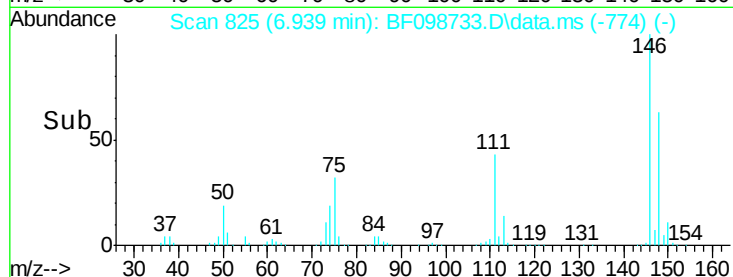
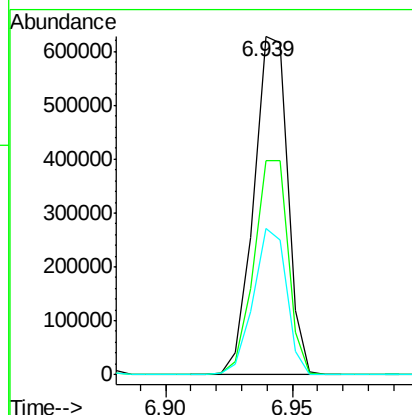
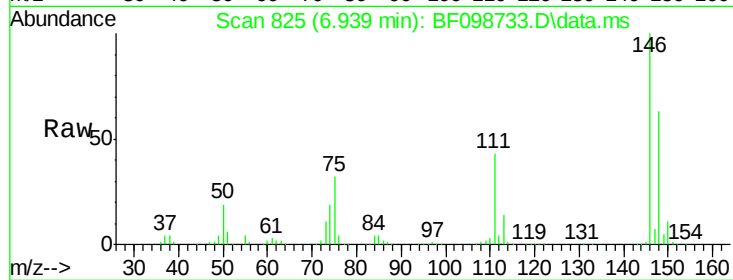
Tot Ion:146 Resp: 586868

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 43.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 47.07 ng

RT: 7.098 min Scan# 852

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

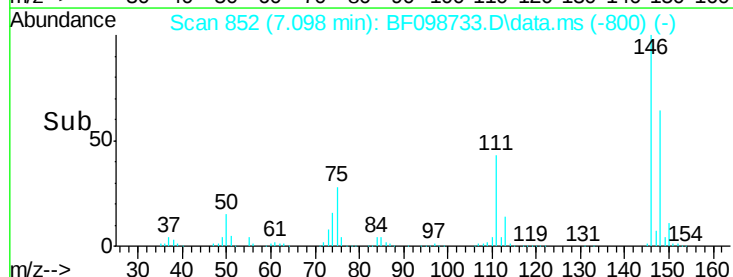
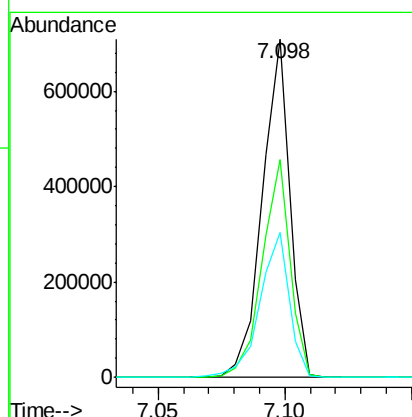
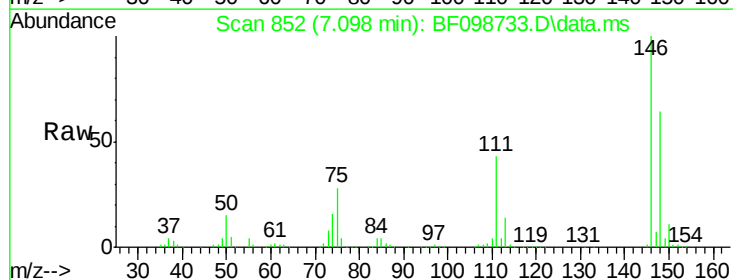
Tgt Ion:146 Resp: 542056

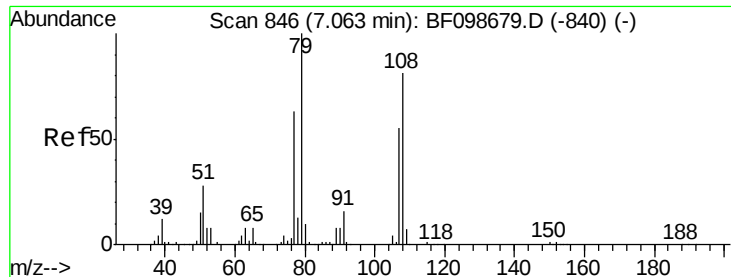
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 47.58 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

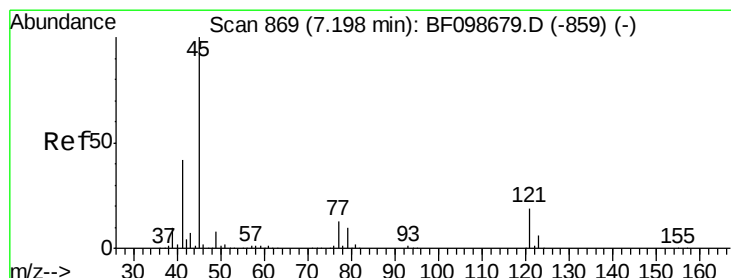
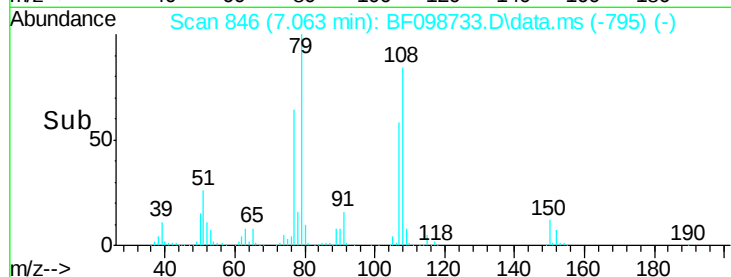
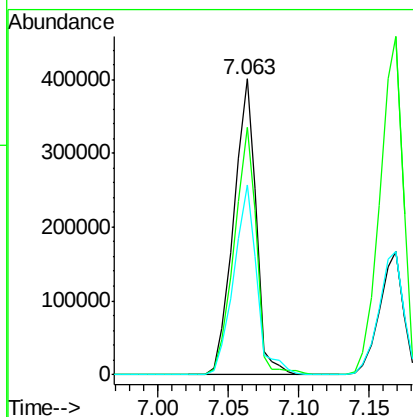
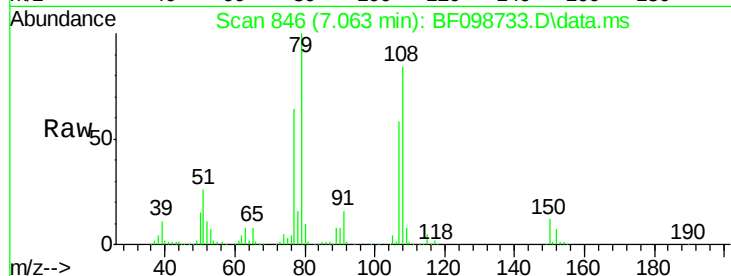
Tot Ion: 79 Resp: 442084

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

77 64.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.69 ng

RT: 7.198 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

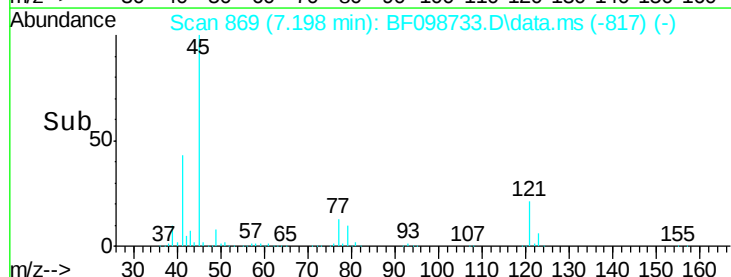
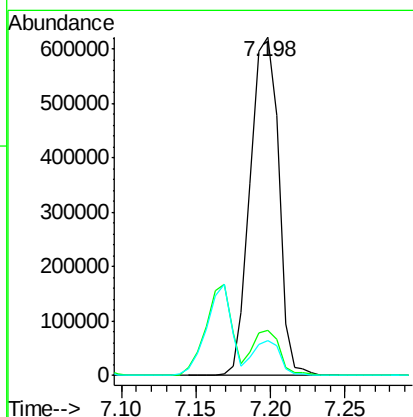
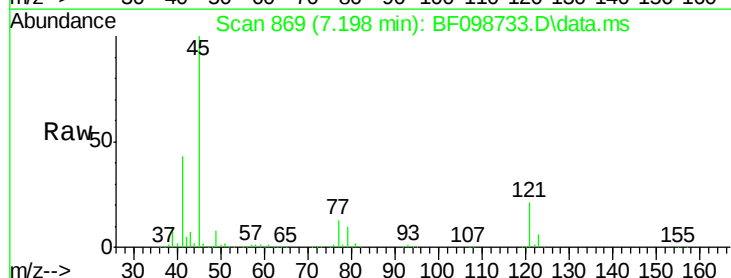
Tgt Ion: 45 Resp: 814700

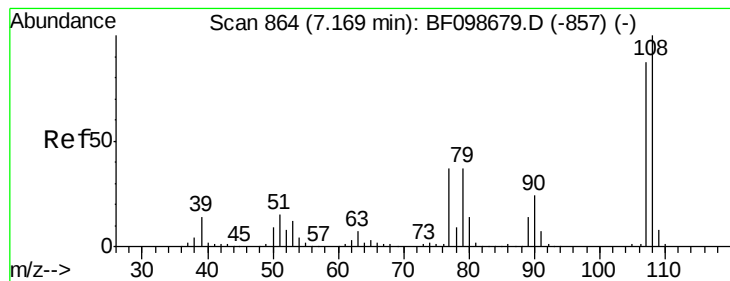
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.2 0.0 29.6





#17

2-Methylphenol

Concen: 48.32 ng

RT: 7.169 min Scan# 86

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 454783

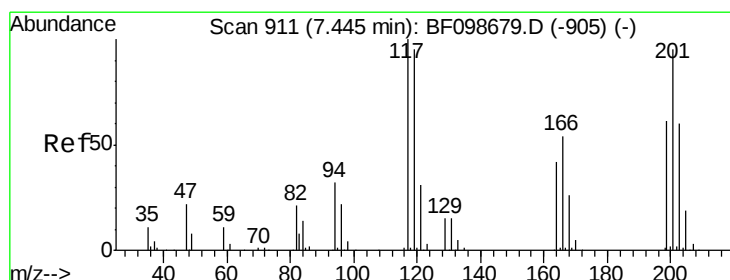
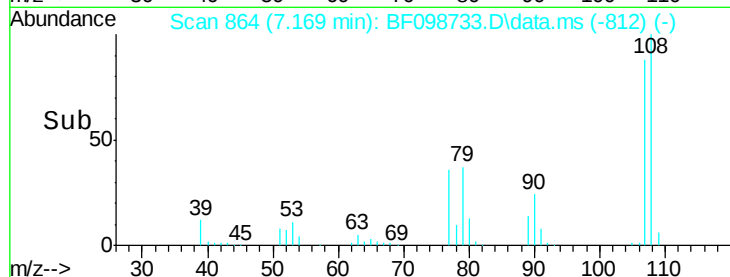
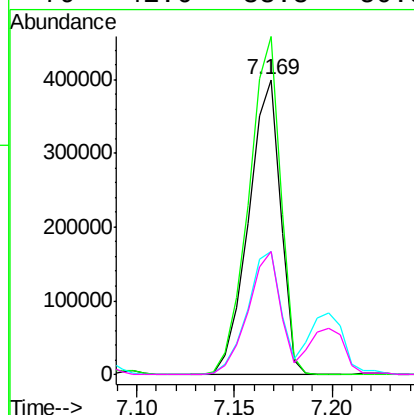
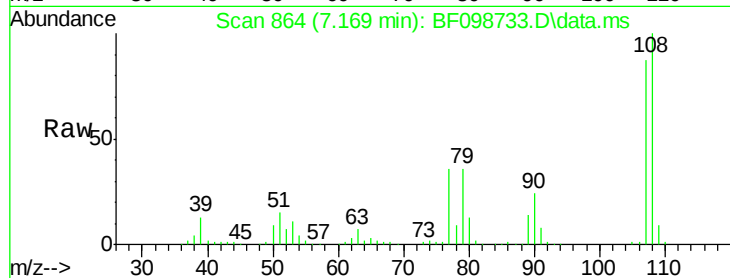
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 41.6 33.8 50.8

79 41.6 33.8 50.8



#18

Hexachloroethane

Concen: 49.32 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

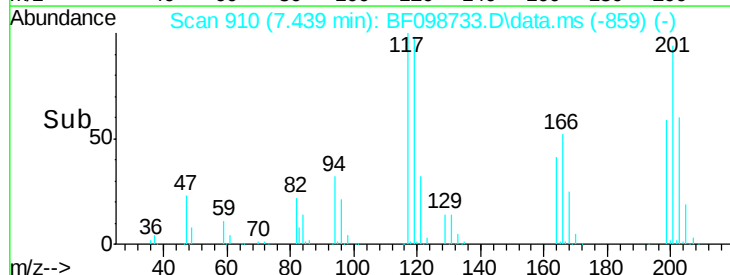
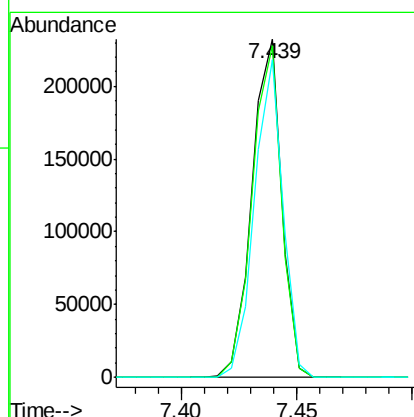
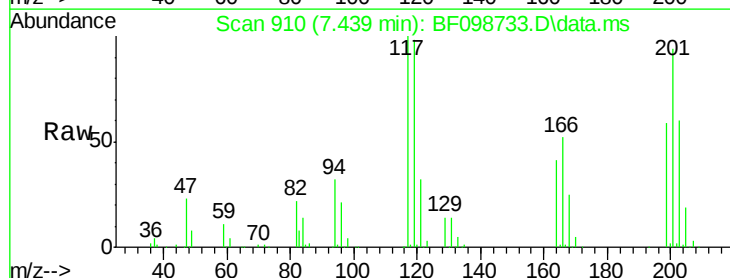
Tgt Ion:117 Resp: 209676

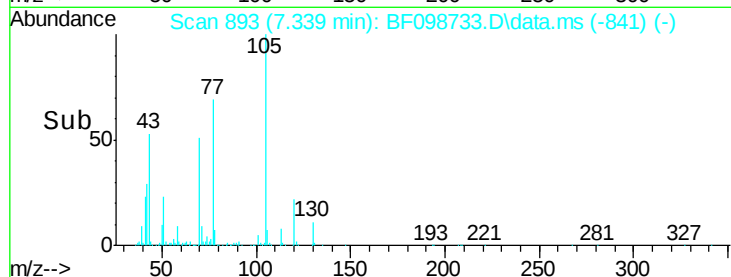
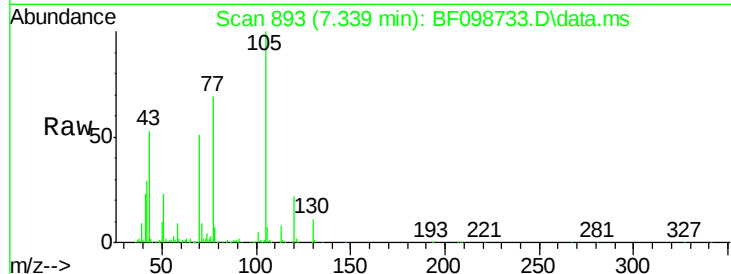
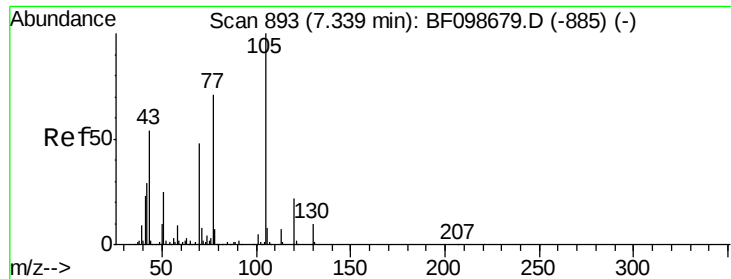
Ion Ratio Lower Upper

117 100

119 98.1 75.8 113.8

201 94.0 75.7 113.5

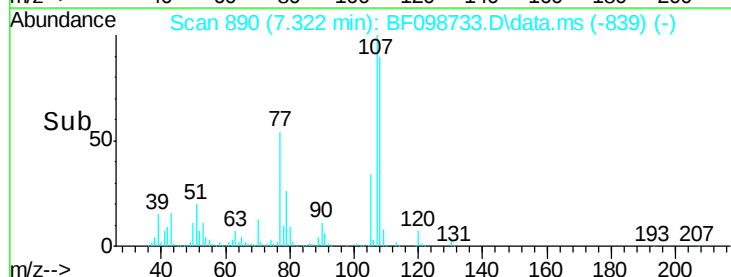
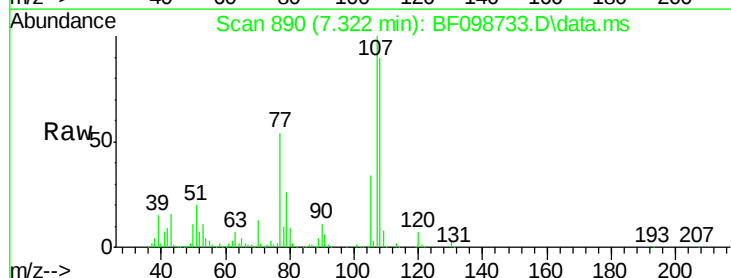
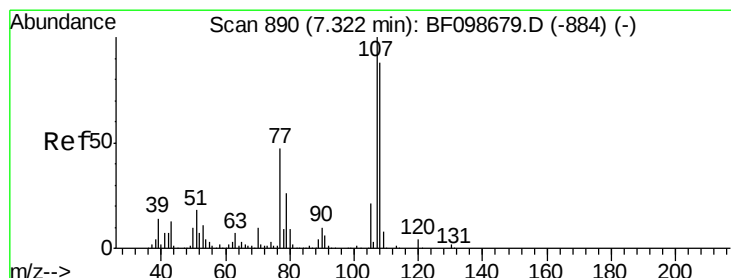
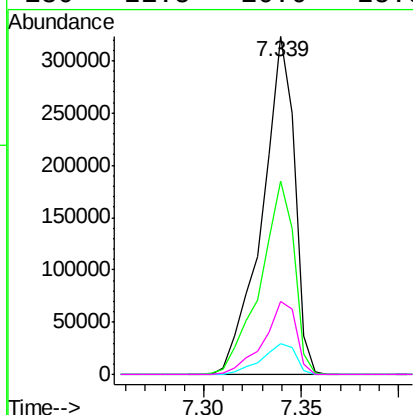




#19
n-Nitroso-di-n-propylamine
Concen: 46.71 ng
RT: 7.339 min Scan# 89
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

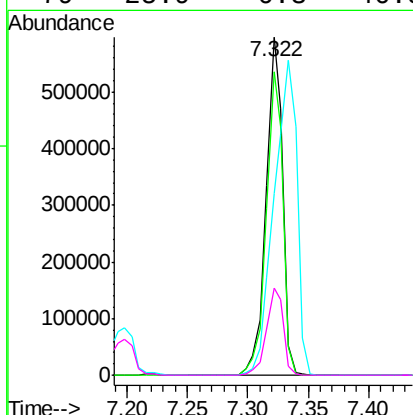
Instrument :
BNA_F
ClientSampleId :

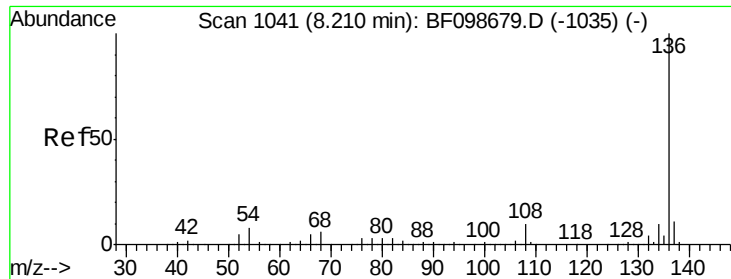
Tot Ion:	70	Resp:	372657
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.5	71.3
101	9.1	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.71 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion:	107	Resp:	566801
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	54.0	26.7	66.7
79	25.9	6.3	46.3

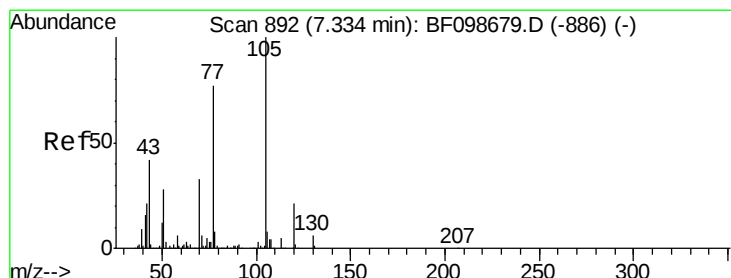
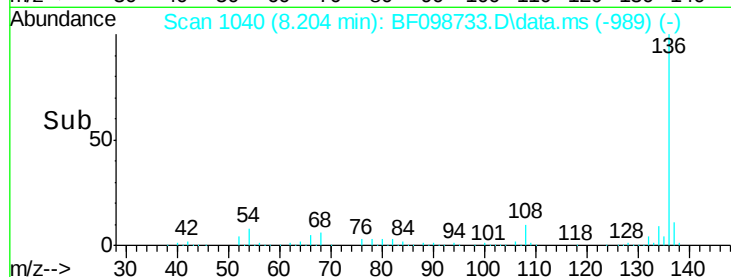
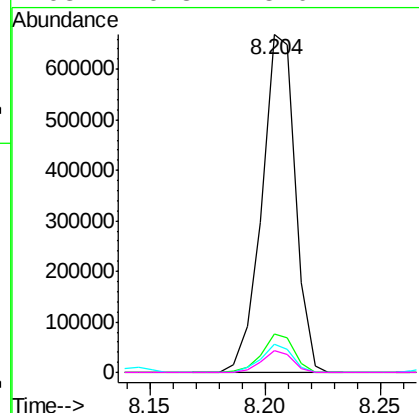
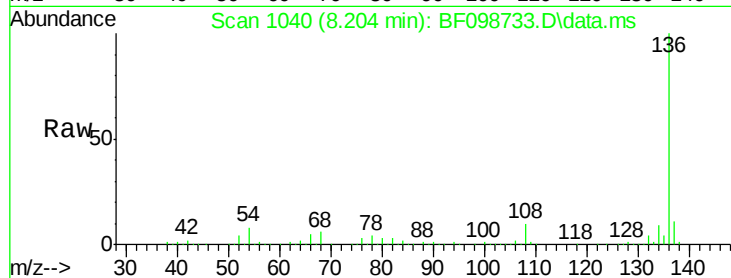




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

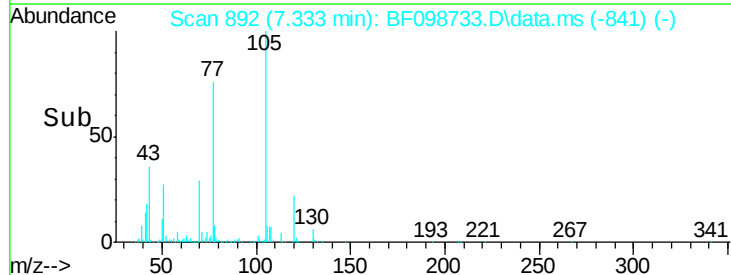
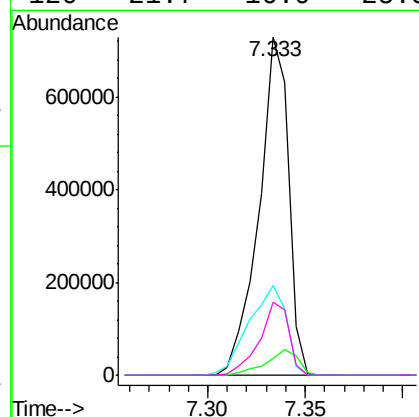
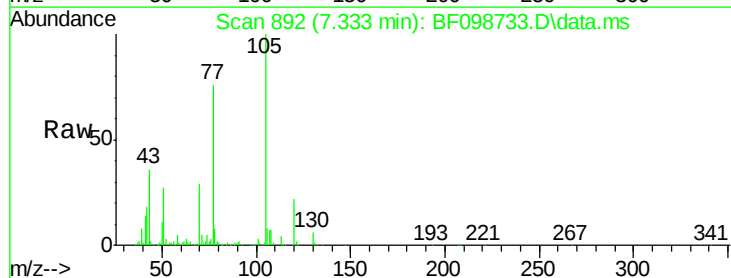
Instrument :
BNA_F
ClientSampleId :

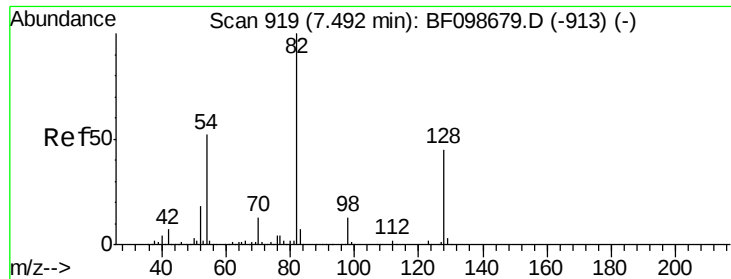
Tot Ion:136	Resp:	674335
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.5	6.6 9.8
68	6.3	5.0 7.4



#22
Acetophenone
Concen: 46.07 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion:105	Resp:	768454
Ion Ratio	Lower	Upper
105	100	
71	5.0	4.4 6.6
51	26.7	22.3 33.5
120	21.7	16.9 25.3

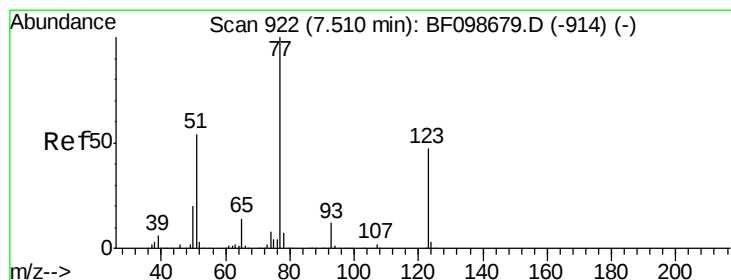
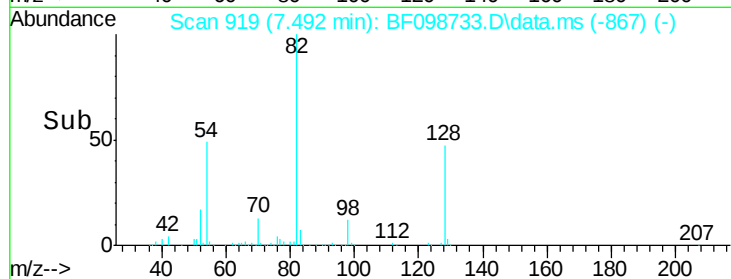
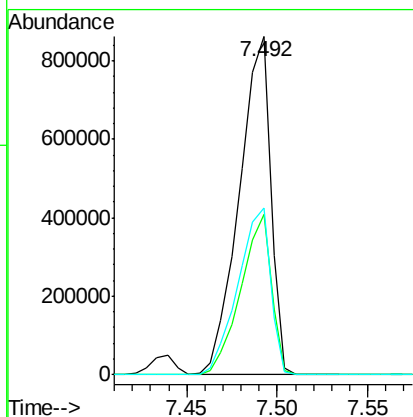
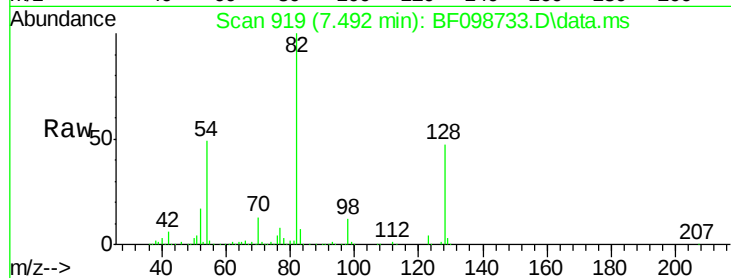




#23
 Nitrobenzene-d5
 Concen: 104.72 ng
 RT: 7.492 min Scan# 919
 Delta R.T. 0.006 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

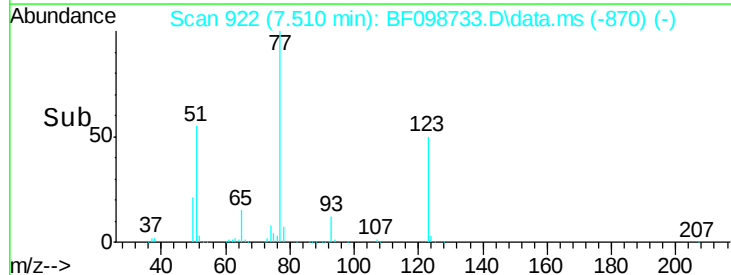
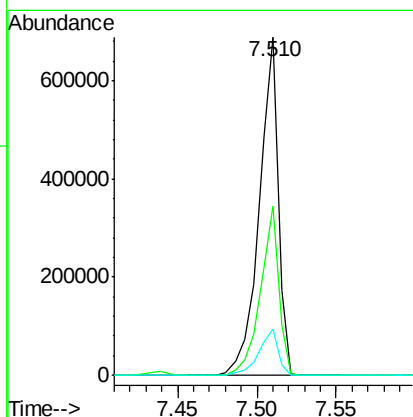
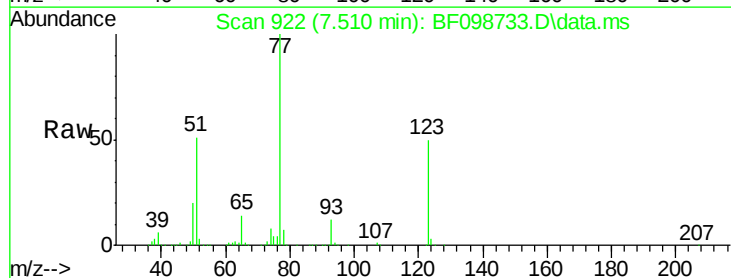
Instrument :
 BNA_F
 ClientSampleId :

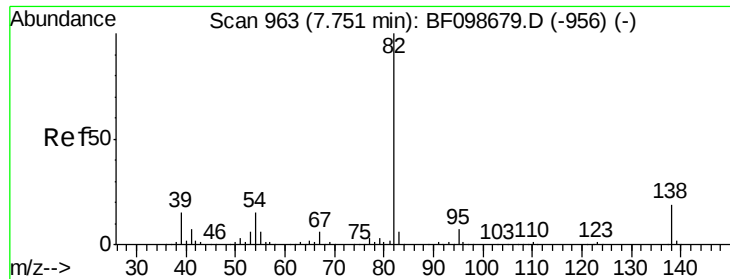
Tot Ion: 82 Resp: 1041096
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 49.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 50.63 ng
 RT: 7.510 min Scan# 922
 Delta R.T. 0.006 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

Tgt Ion: 77 Resp: 581359
 Ion Ratio Lower Upper
 77 100
 123 50.2 37.9 56.9
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 48.67 ng

RT: 7.751 min Scan# 96

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

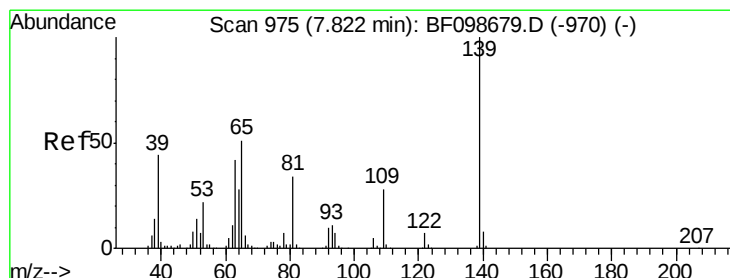
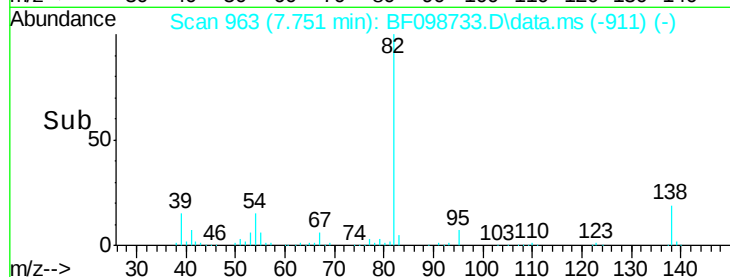
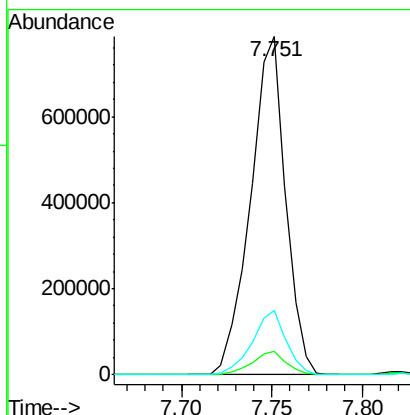
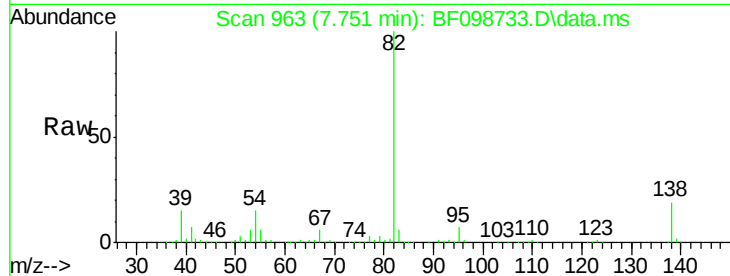
Tot Ion: 82 Resp: 1055258

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 63.41 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

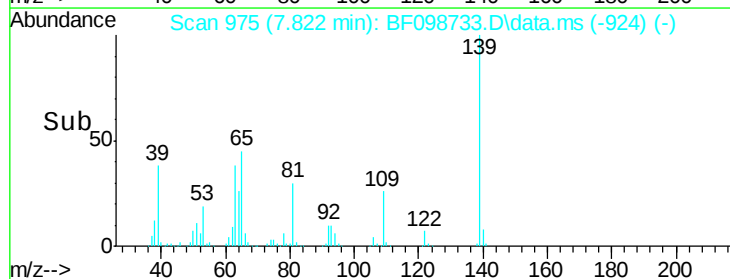
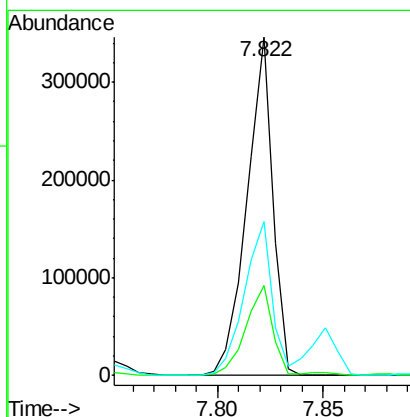
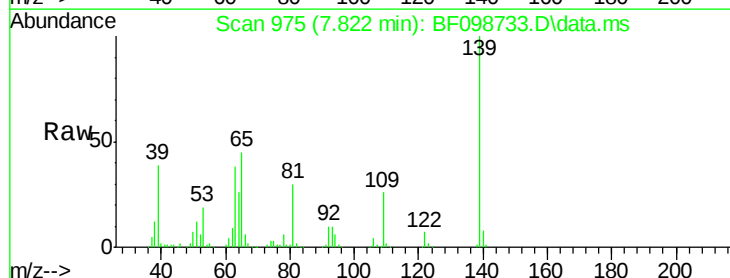
Tgt Ion: 139 Resp: 295950

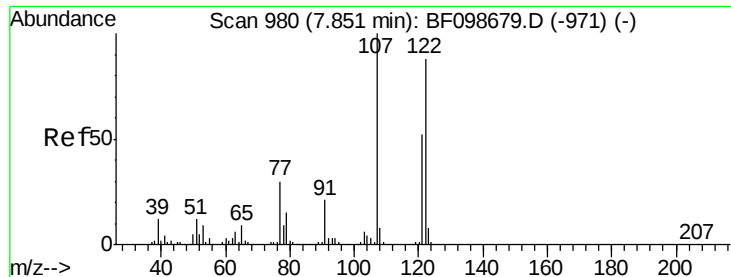
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 45.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.66 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

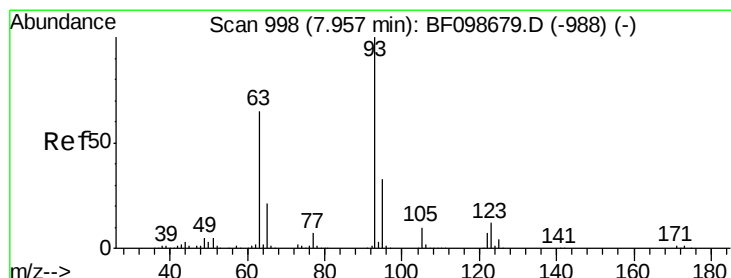
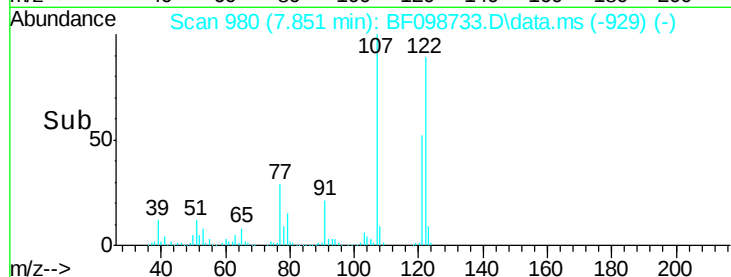
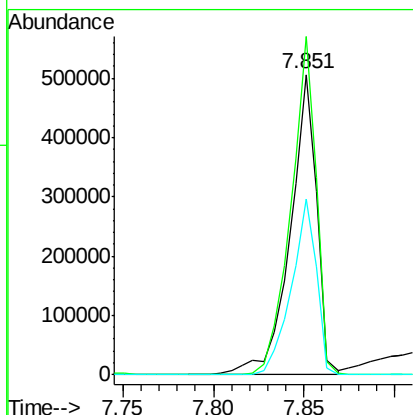
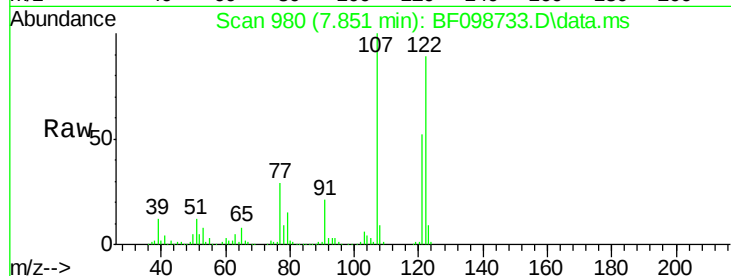
Tot Ion:122 Resp: 518151

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

121 58.5 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.05 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

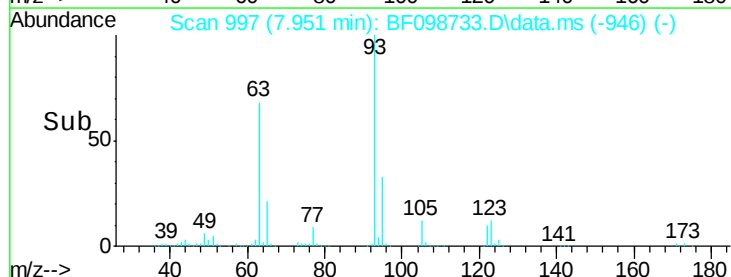
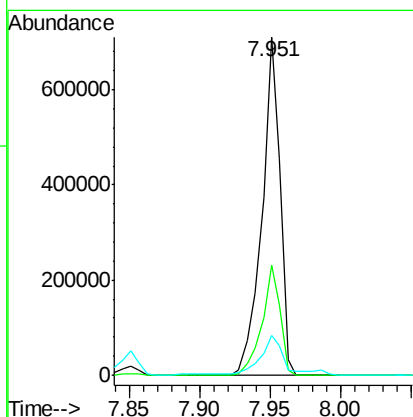
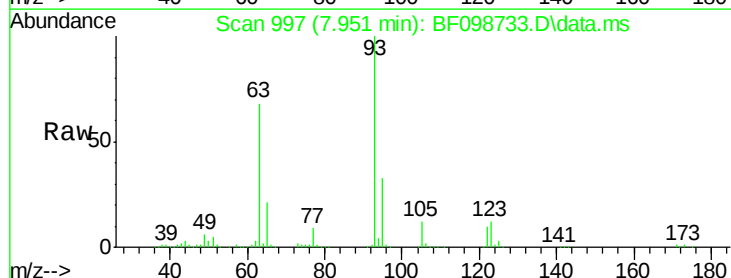
Tgt Ion: 93 Resp: 648298

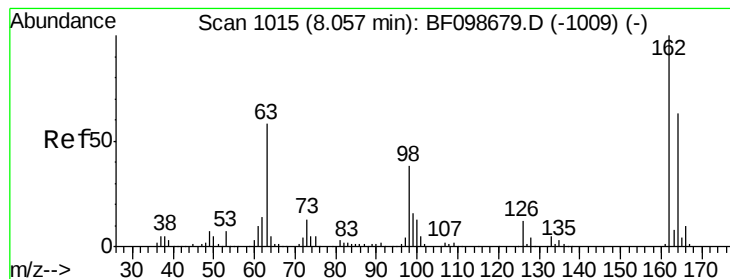
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.7 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 49.34 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

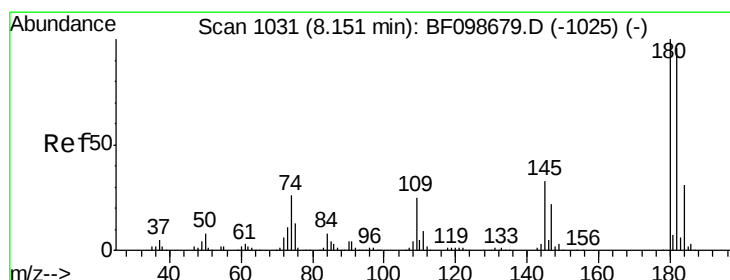
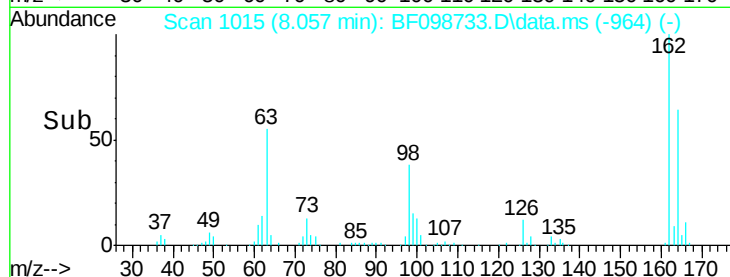
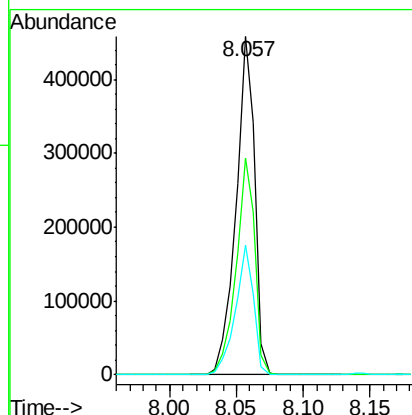
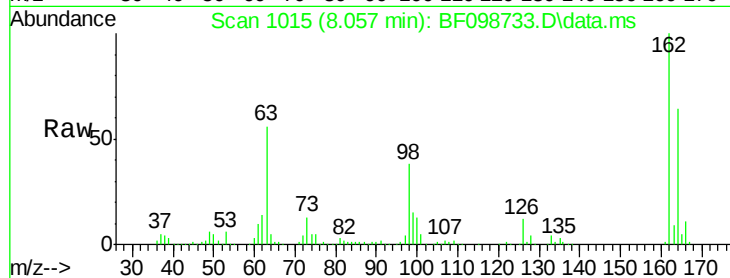
Tot Ion:162 Resp: 451962

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

98 38.3 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 48.41 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

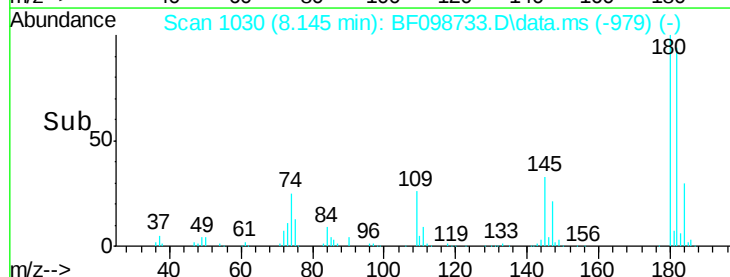
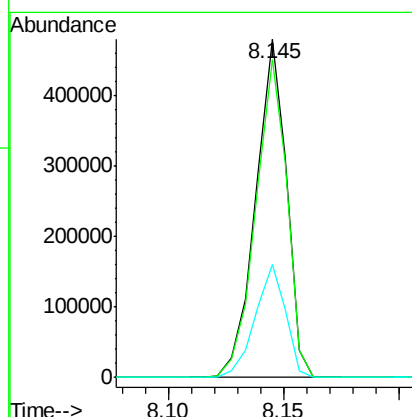
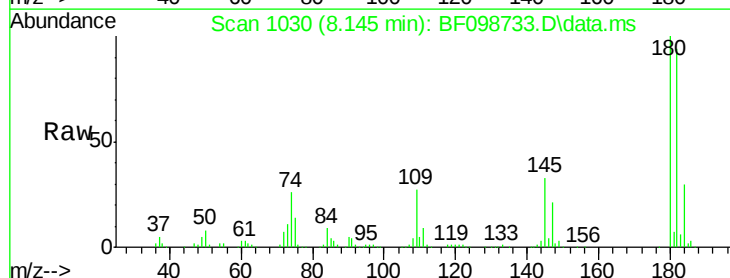
Tgt Ion:180 Resp: 447269

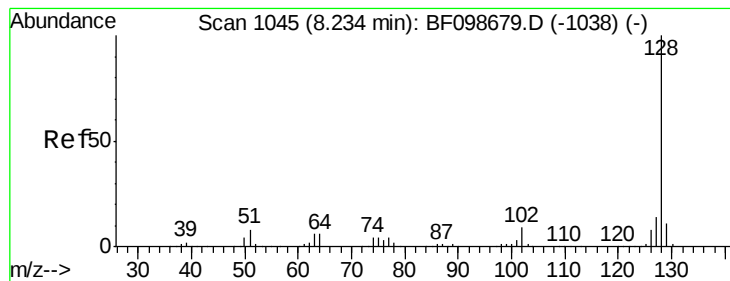
Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

145 33.5 26.5 39.7





#31

Naphthalene

Concen: 46.89 ng

RT: 8.228 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampled :

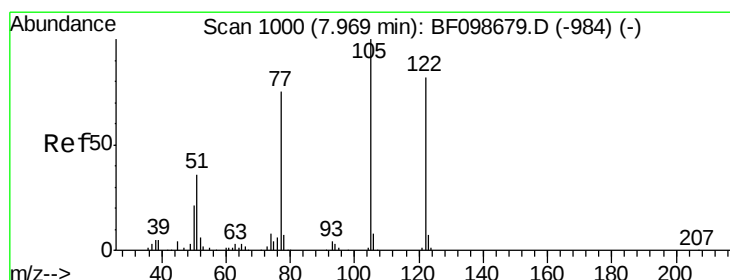
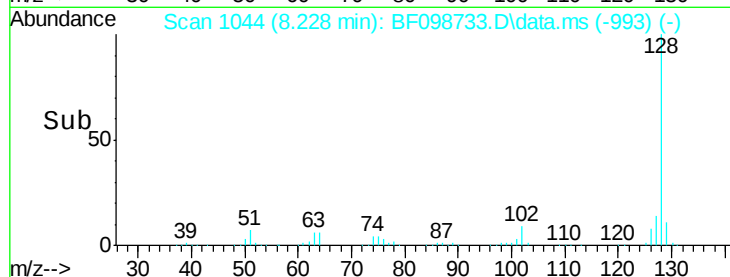
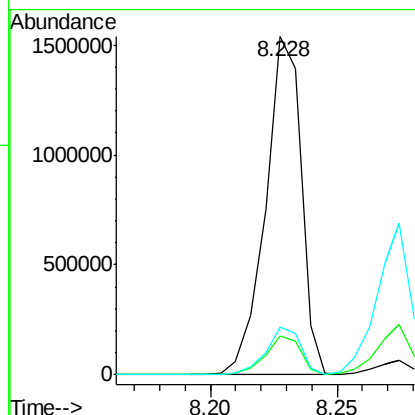
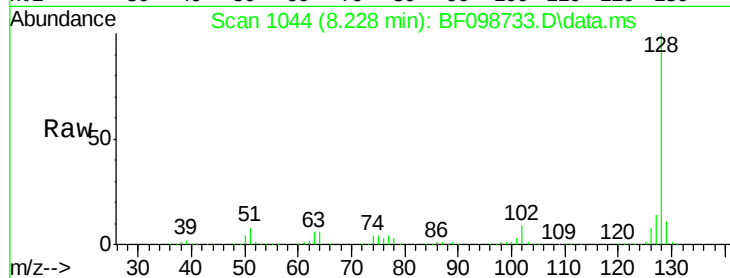
Tot Ion:128 Resp: 1500751

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.9 10.9 16.3



#32

Benzoic acid

Concen: 80.67 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.012 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

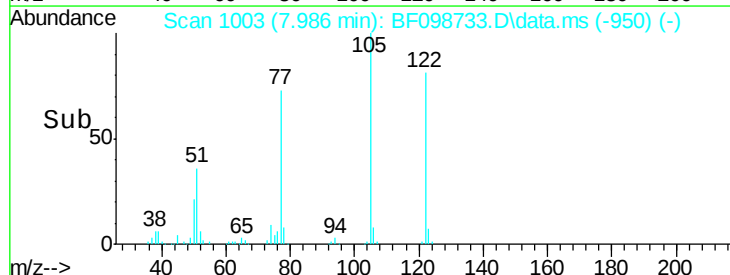
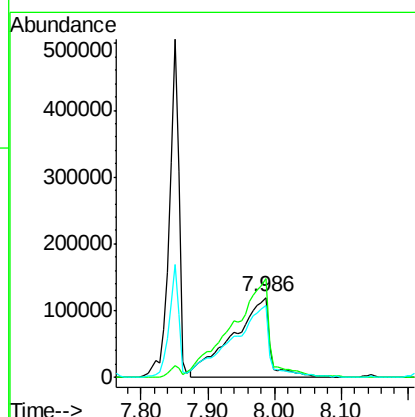
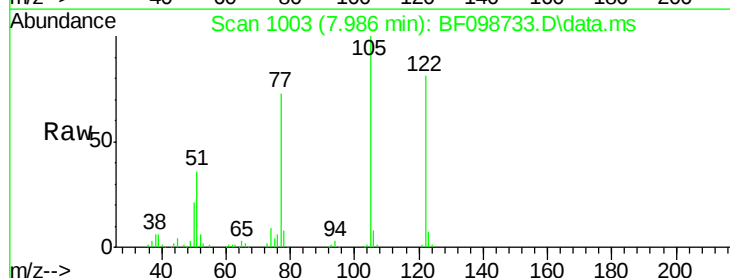
Tgt Ion:122 Resp: 458963

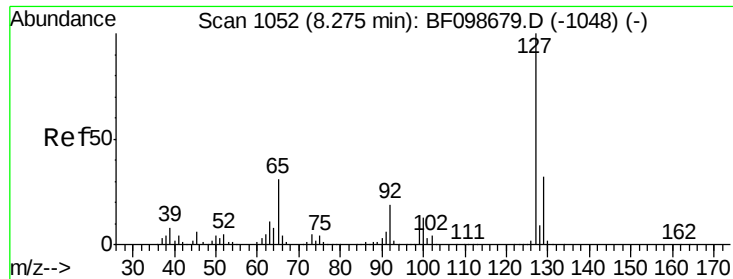
Ion Ratio Lower Upper

122 100

105 123.1 101.1 141.1

77 90.1 70.7 110.7

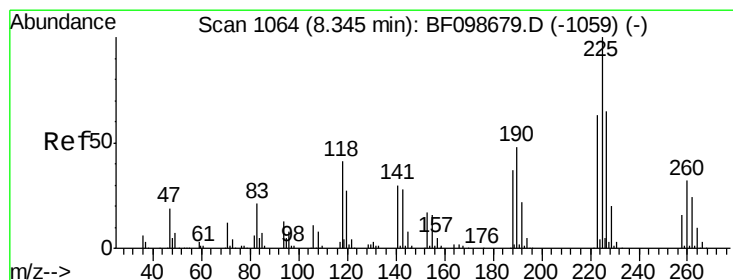
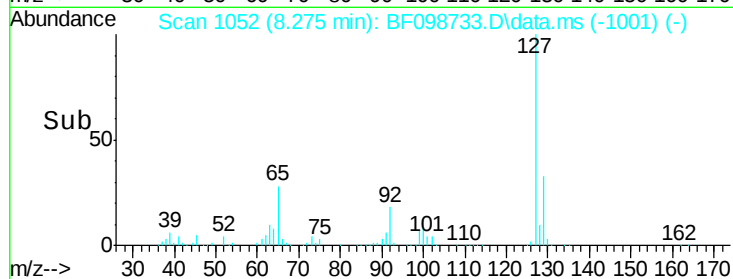
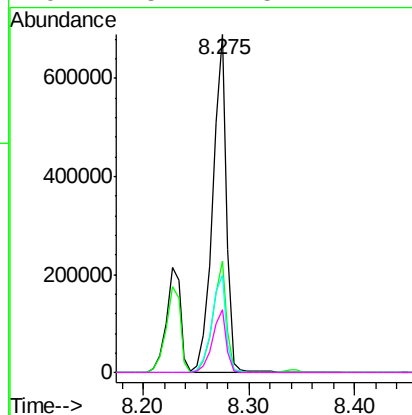
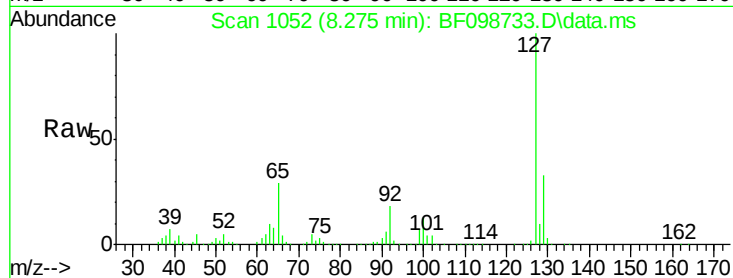




#33
4-Chloroaniline
Concen: 47.73 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

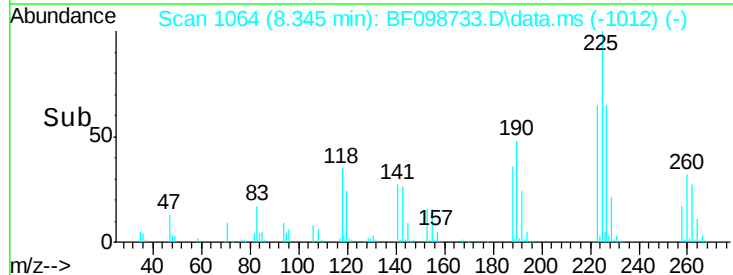
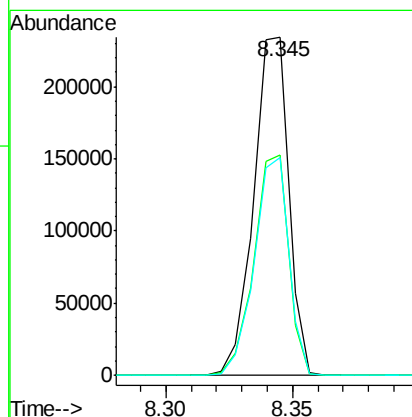
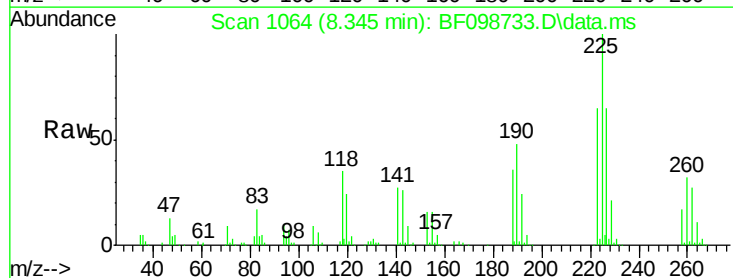
Instrument :
BNA_F
ClientSampleId :

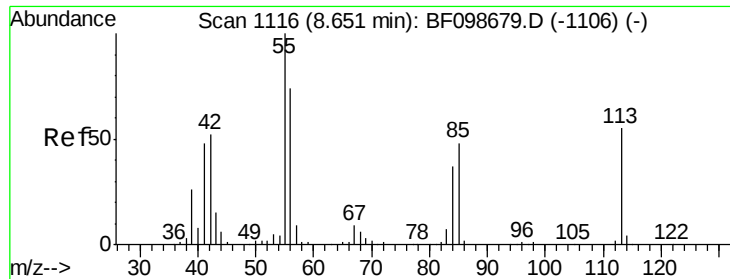
Tot Ion:	127	Resp:	635148
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.9	38.9
65	29.0	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 45.70 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion:	225	Resp:	227465
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.6	76.0
227	64.5	51.9	77.9





#35

Caprolactam

Concen: 50.56 ng

RT: 8.663 min Scan# 1116

Delta R.T. 0.012 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

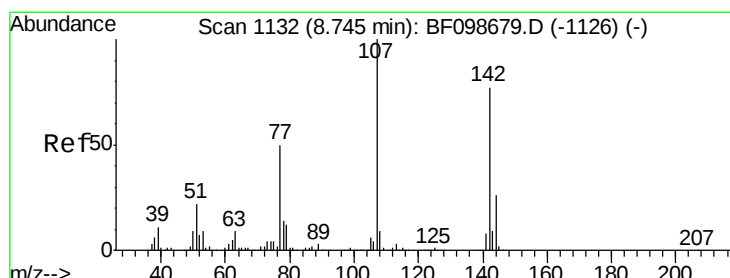
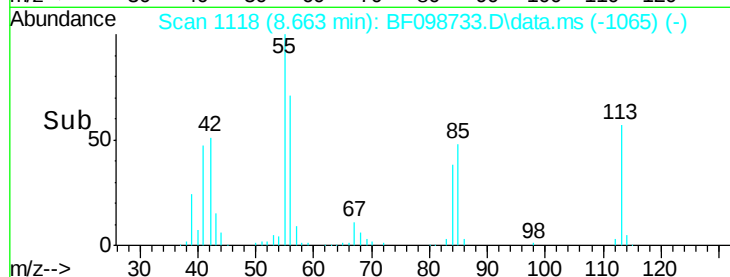
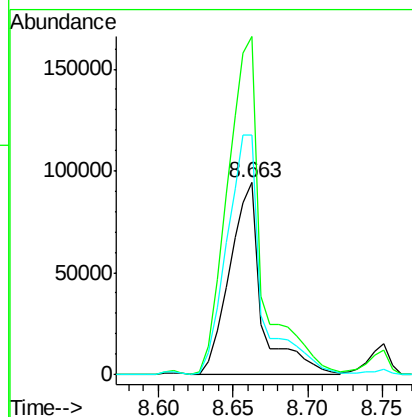
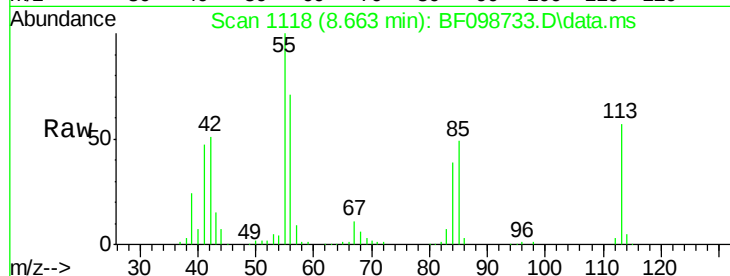
Tot Ion:113 Resp: 144408

Ion Ratio Lower Upper

113 100

55 176.2 163.3 203.3

56 125.2 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 48.14 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

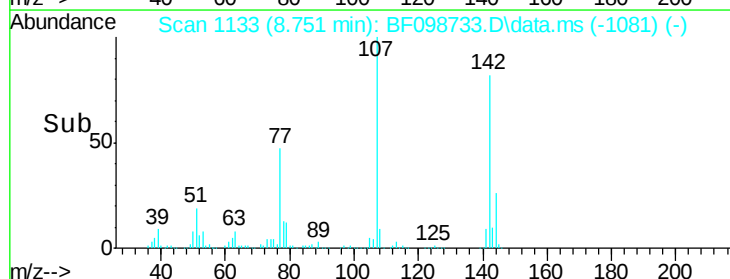
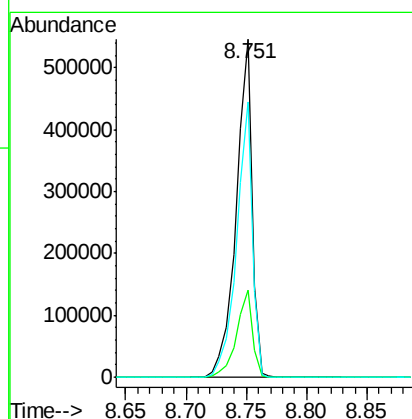
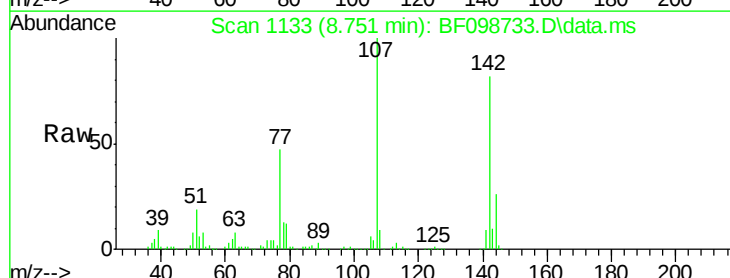
Tgt Ion:107 Resp: 503301

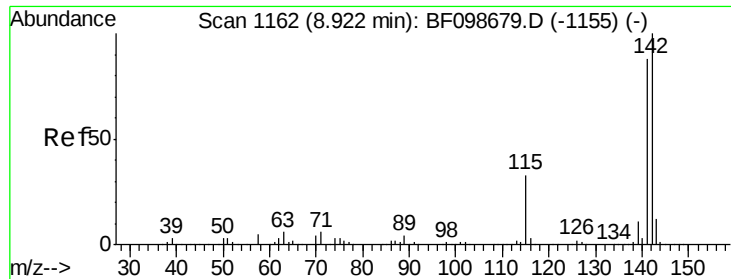
Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

142 81.6 62.0 93.0

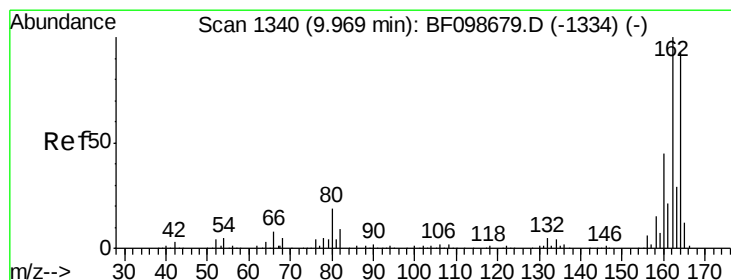
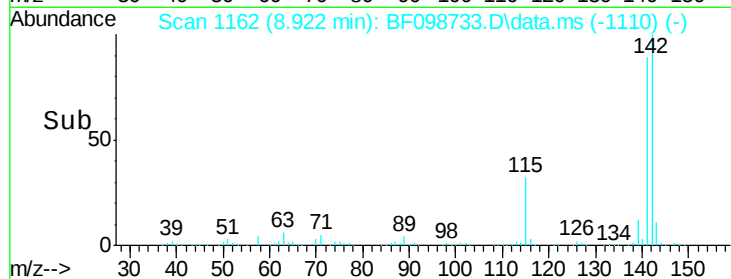
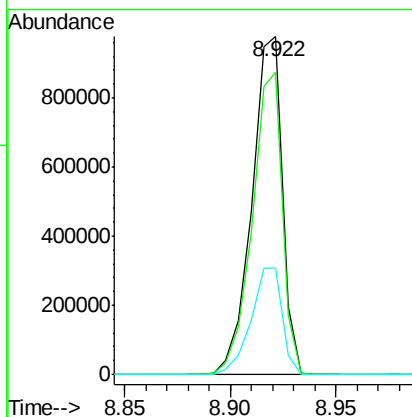
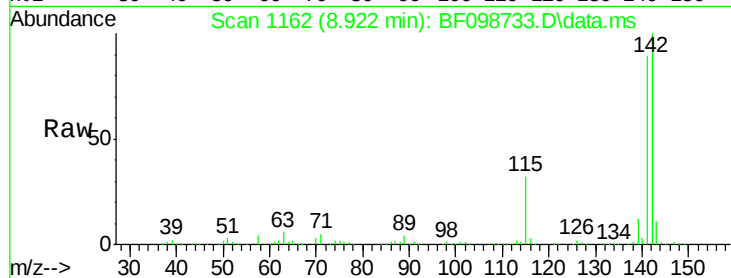




#37
 2-Methylnaphthalene
 Concen: 47.94 ng
 RT: 8.922 min Scan# 1162
 Delta R.T. 0.006 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

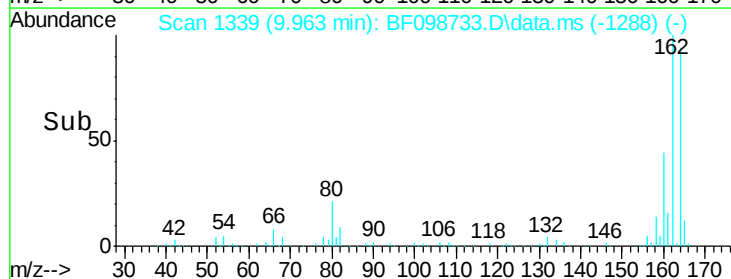
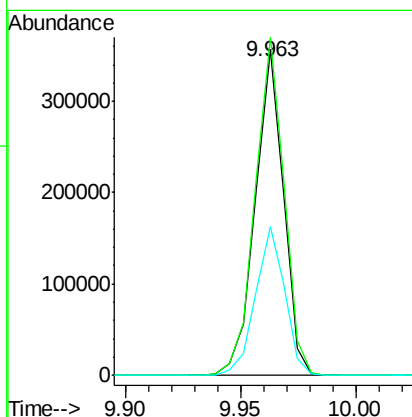
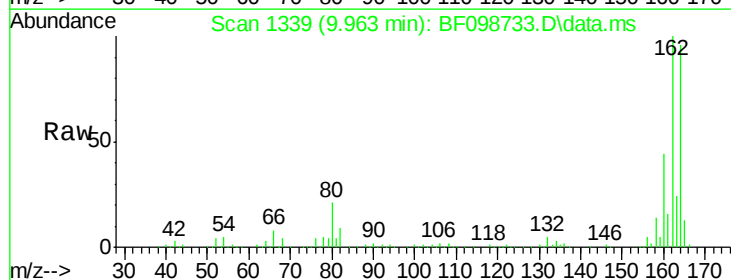
Instrument :
 BNA_F
 ClientSampleId :

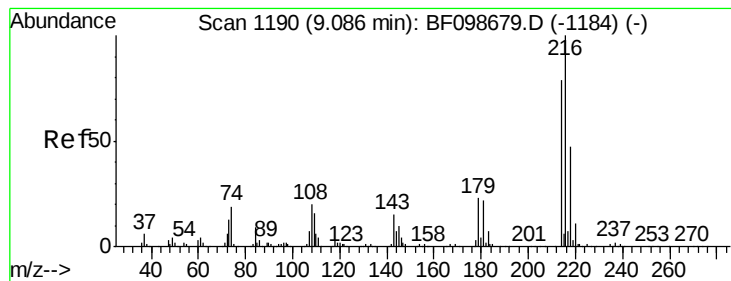
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	31.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.963 min Scan# 1339
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.03 ng

RT: 9.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 434173

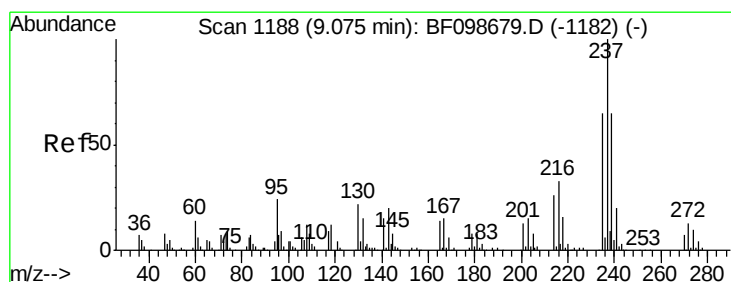
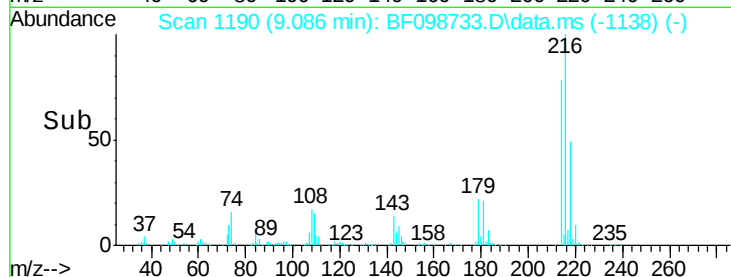
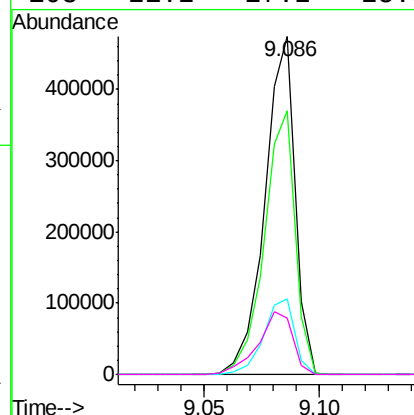
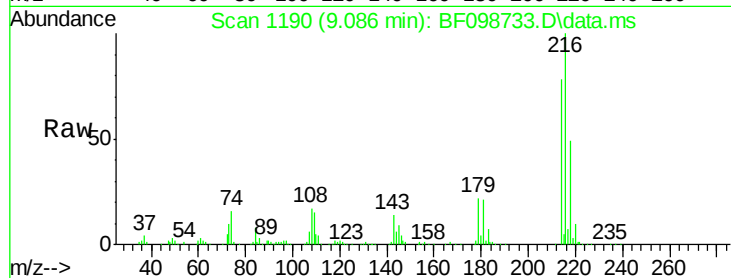
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 23.0 18.1 27.1

108 21.2 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 53.59 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

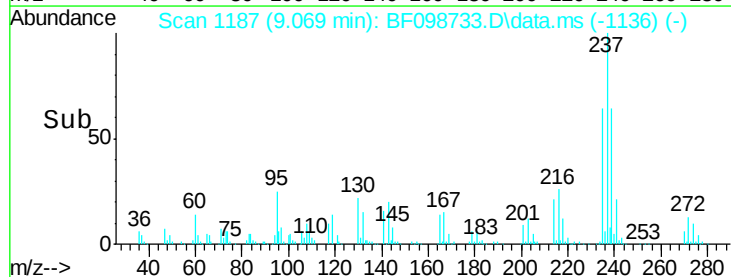
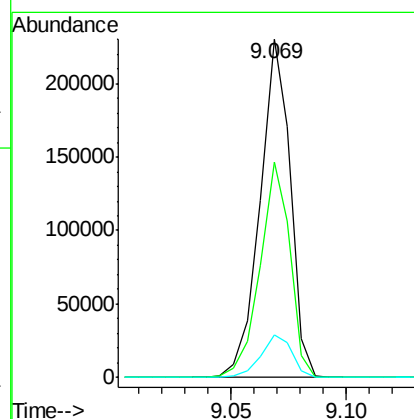
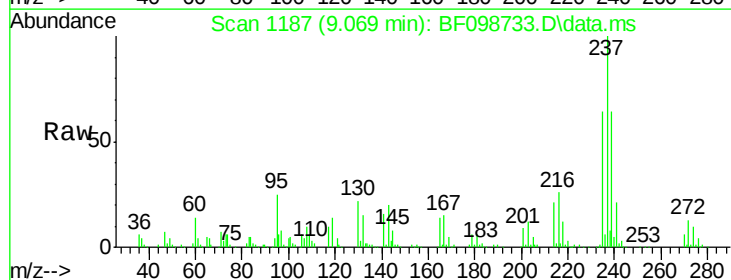
Tgt Ion:237 Resp: 210498

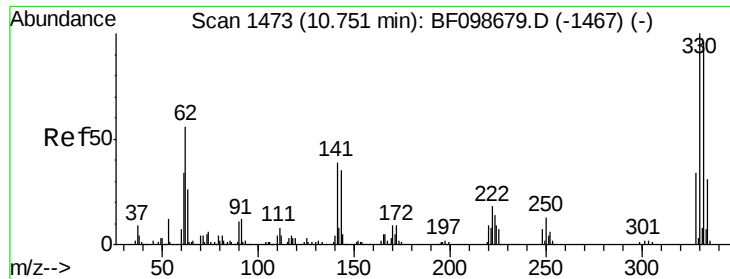
Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

272 12.7 0.0 33.3

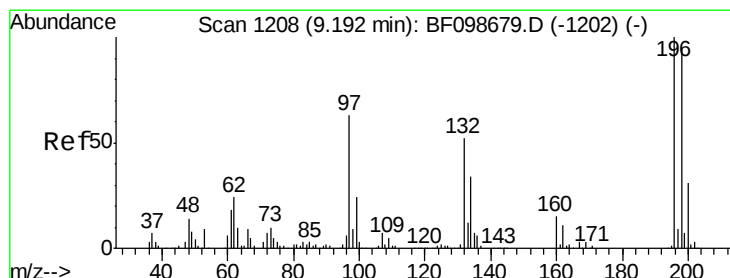
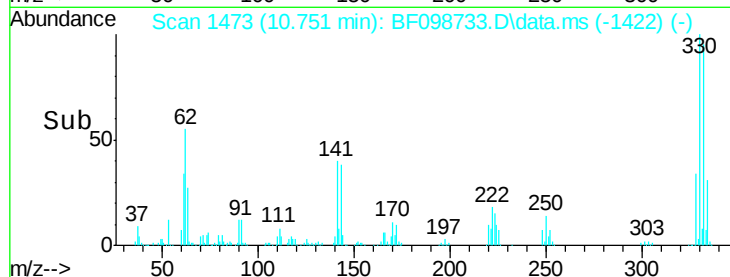
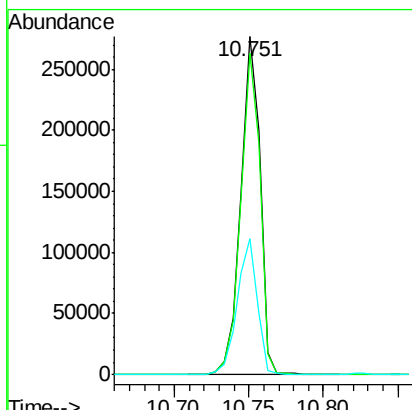
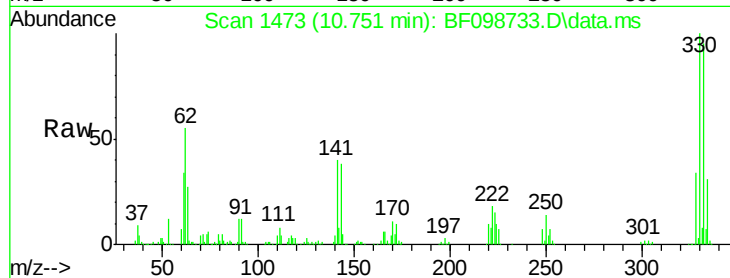




#41
 2,4,6-Tribromophenol
 Concen: 89.30 ng
 RT: 10.751 min Scan# 1473
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

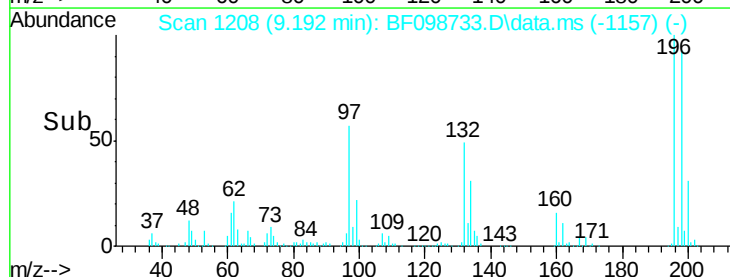
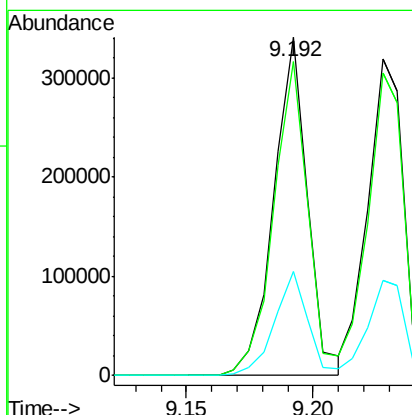
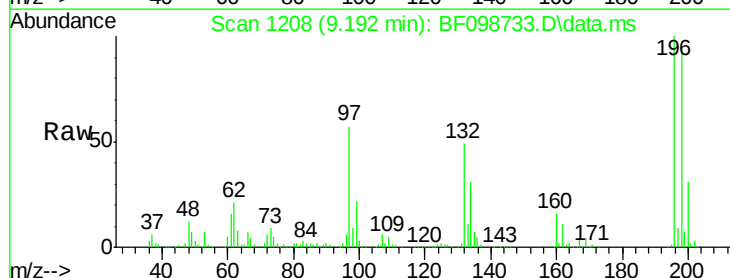
Instrument :
 BNA_F
 ClientSampled :

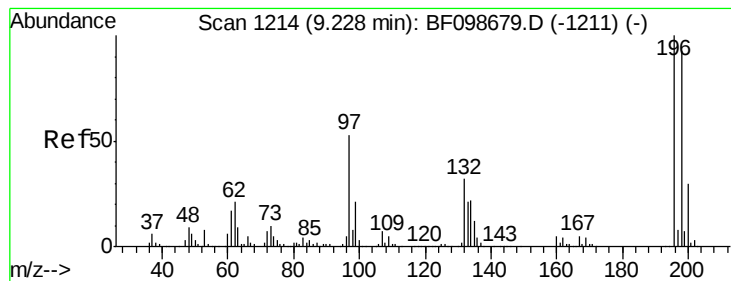
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	41.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 52.33 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.7	113.5
200	30.7	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 50.10 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

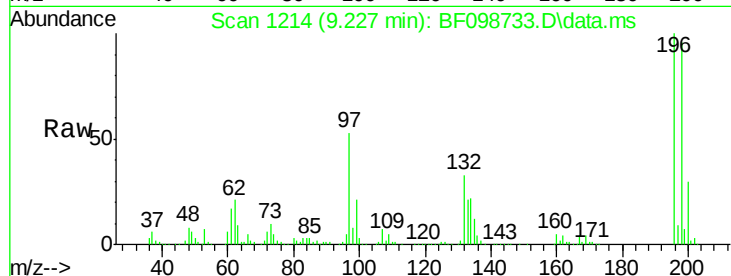
Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :



Tot Ion:196 Resp: 312934

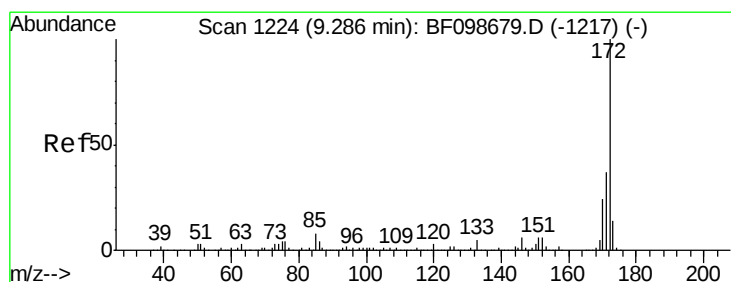
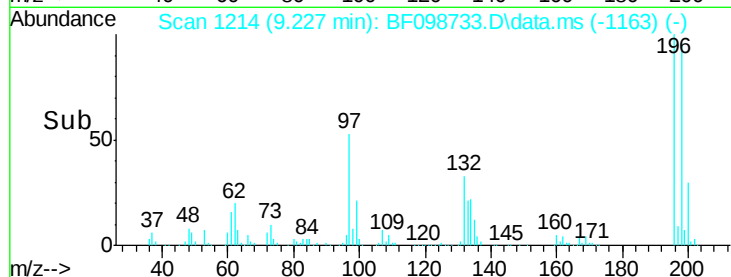
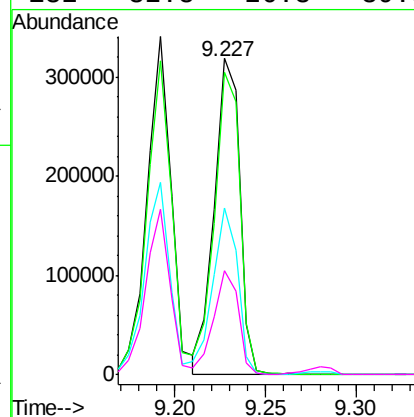
Ion Ratio Lower Upper

196 100

198 95.5 74.6 112.0

97 52.9 42.9 64.3

132 32.8 26.3 39.5



#44

2-Fluorobiphenyl

Concen: 90.92 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

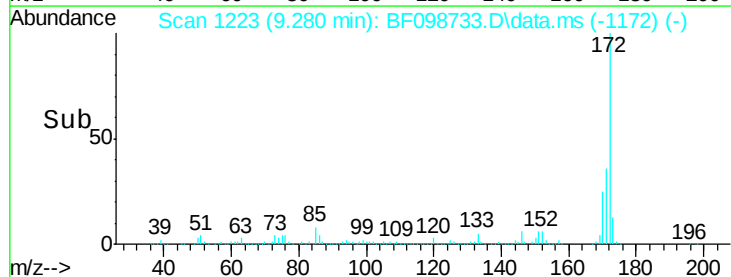
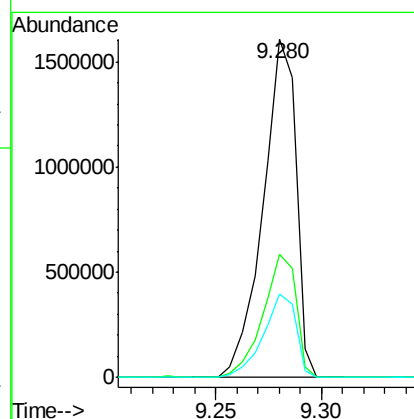
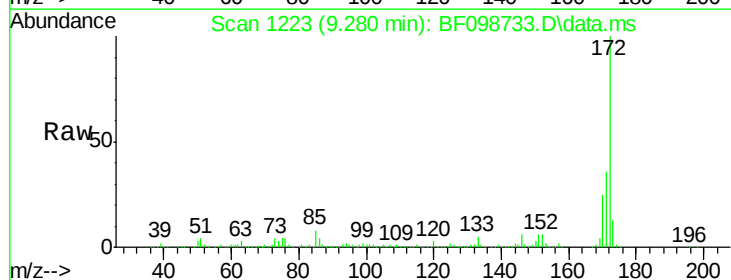
Tgt Ion:172 Resp: 1746237

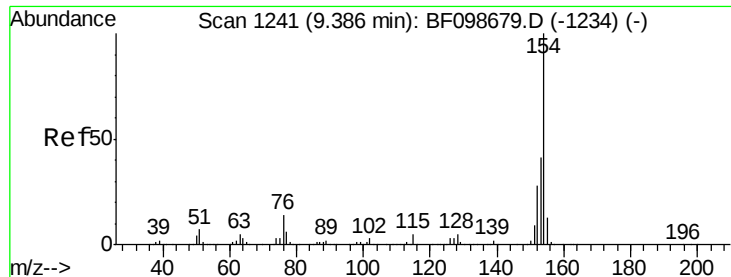
Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

170 24.5 19.6 29.4

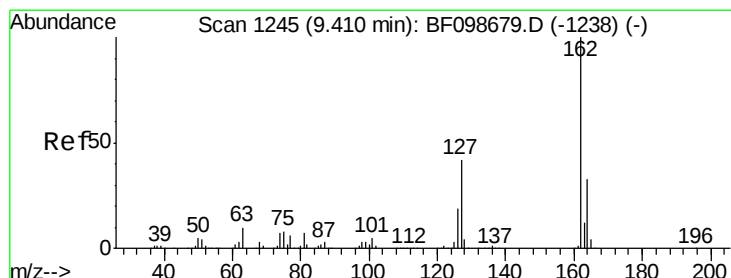
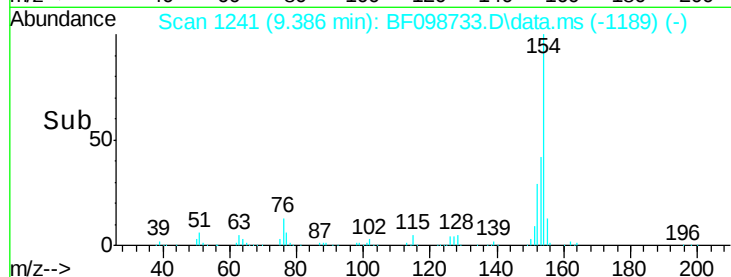
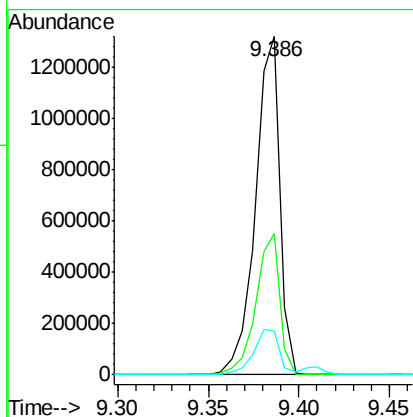
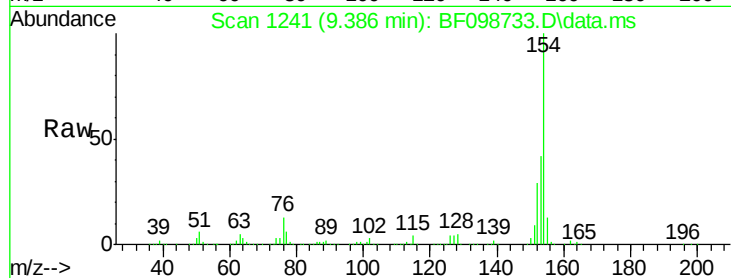




#45
 1,1'-Biphenyl
 Concen: 46.91 ng
 RT: 9.386 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

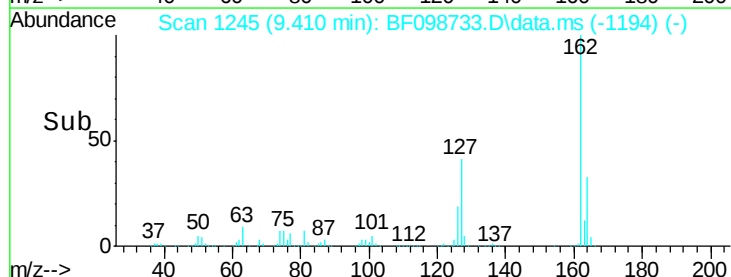
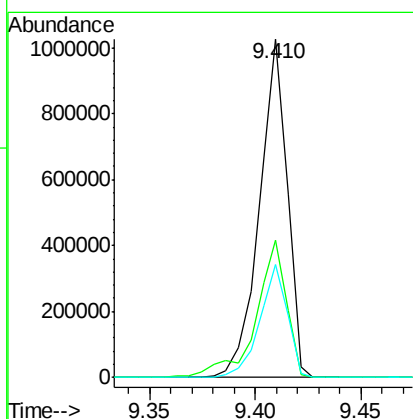
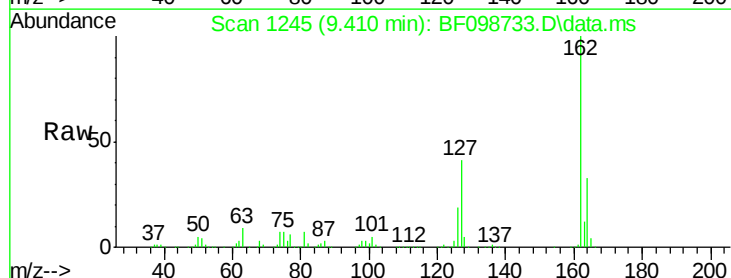
Instrument :
 BNA_F
 ClientSampleId :

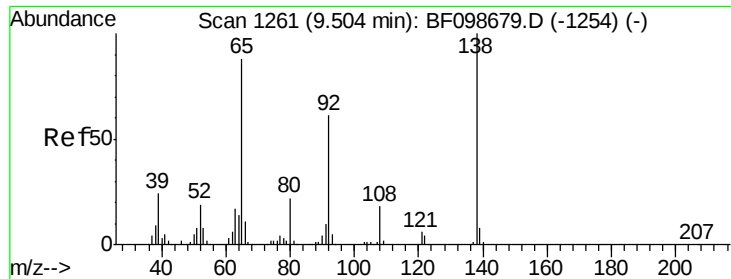
Tot Ion:154 Resp: 1231681
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 12.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 47.63 ng
 RT: 9.410 min Scan# 1245
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

Tgt Ion:162 Resp: 937845
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 33.2 26.5 39.7

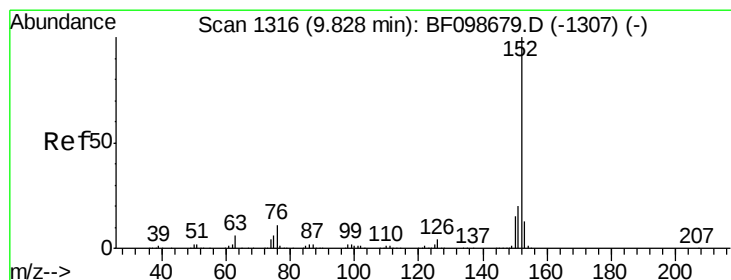
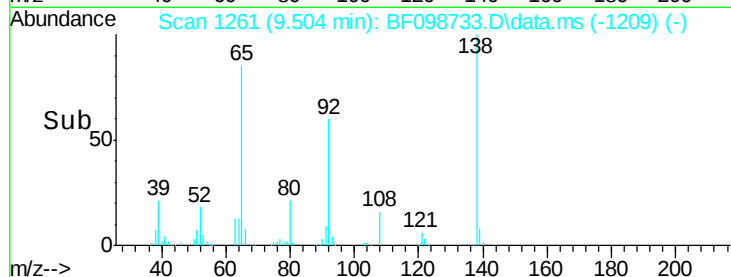
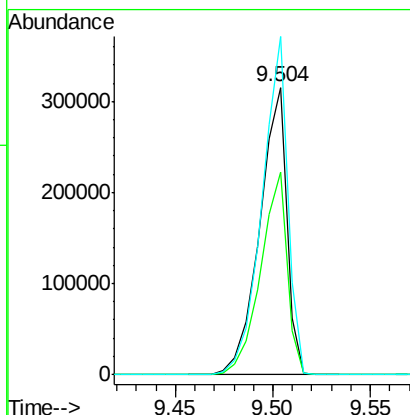
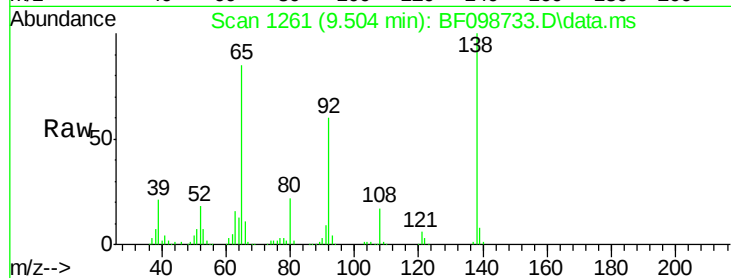




#47
2-Nitroaniline
Concen: 55.01 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

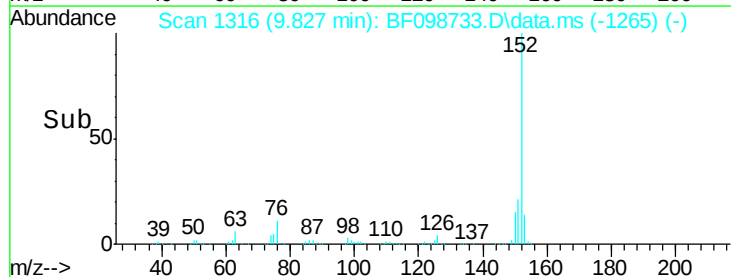
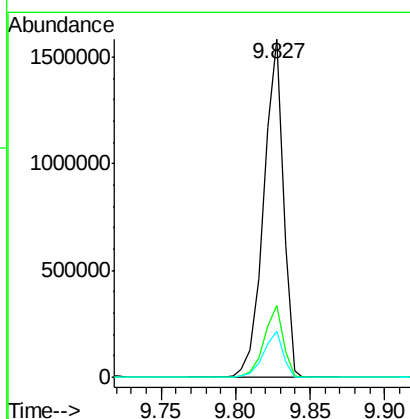
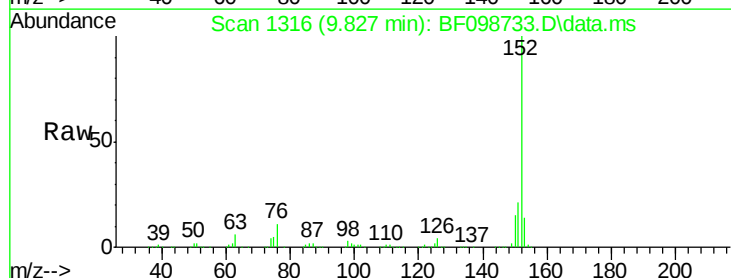
Instrument :
BNA_F
ClientSampleId :

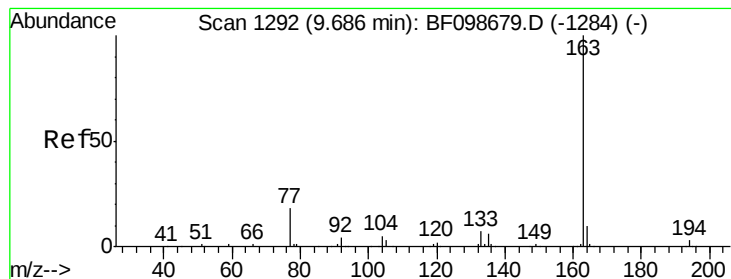
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.8	83.6
138	117.8	91.2	136.8



#48
Acenaphthylene
Concen: 47.03 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.5	10.7	16.1





#49

Dimethylphthalate

Concen: 47.63 ng

RT: 9.686 min Scan# 1292

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

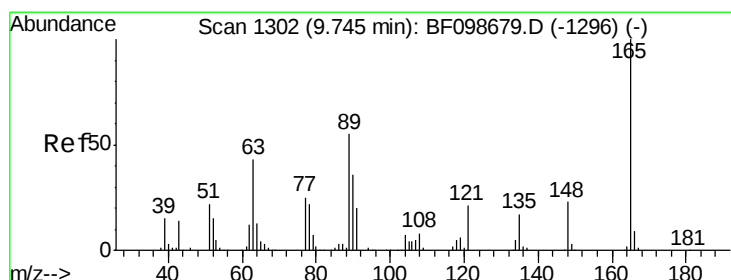
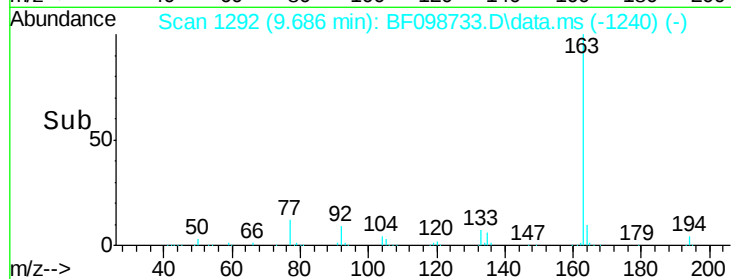
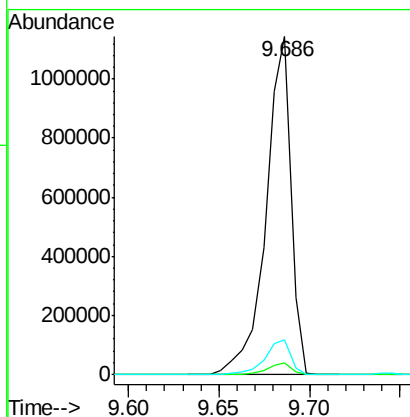
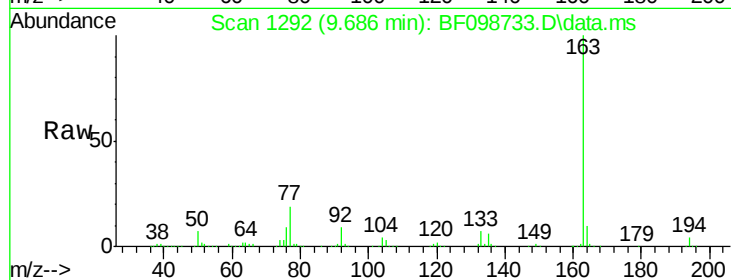
Tot Ion:163 Resp: 1091788

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.4 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 55.75 ng

RT: 9.745 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

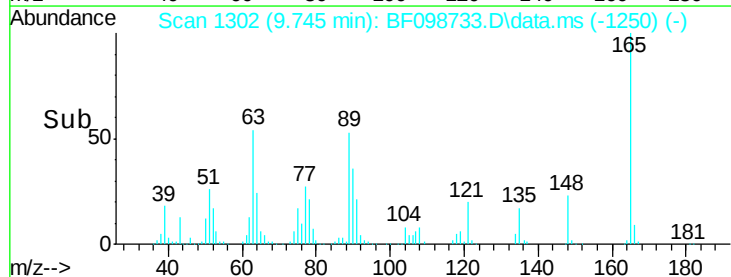
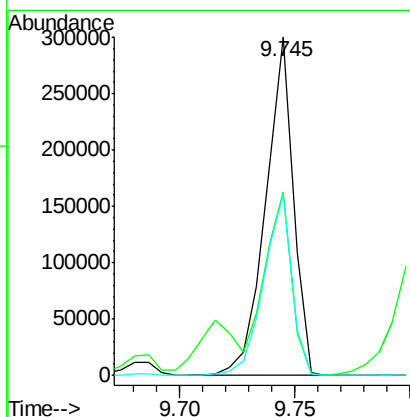
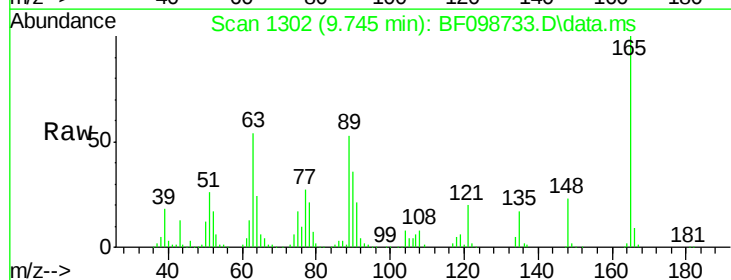
Tgt Ion:165 Resp: 252145

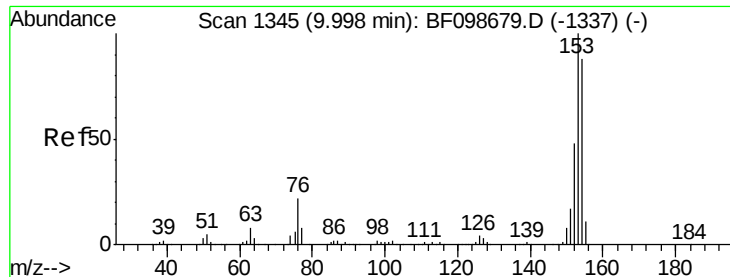
Ion Ratio Lower Upper

165 100

63 54.1 44.7 67.1

89 53.3 44.0 66.0





#51

Acenaphthene

Concen: 48.61 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

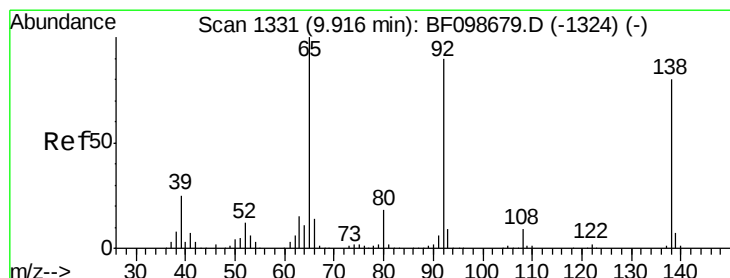
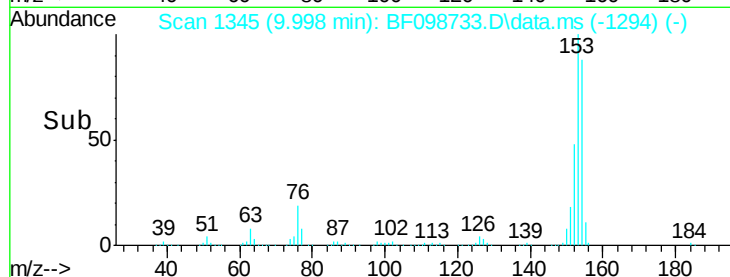
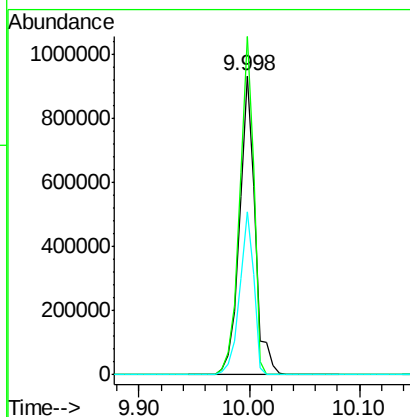
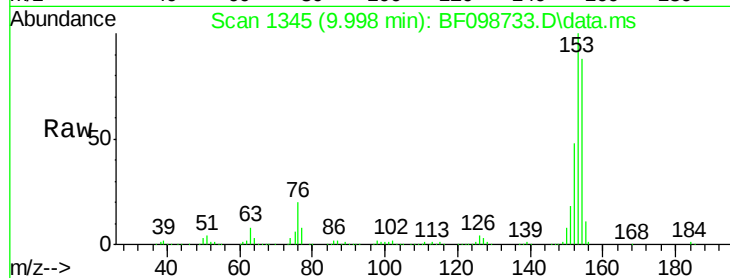
Tot Ion:154 Resp: 913880

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

152 54.6 43.8 65.8



#52

3-Nitroaniline

Concen: 54.45 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

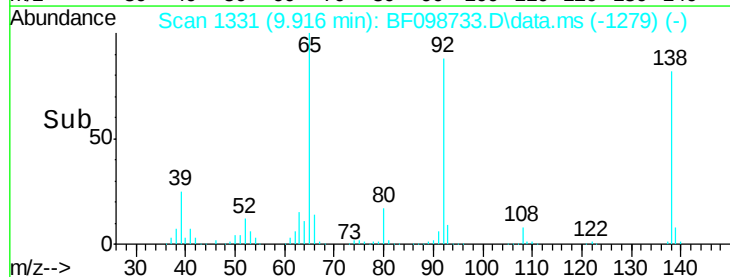
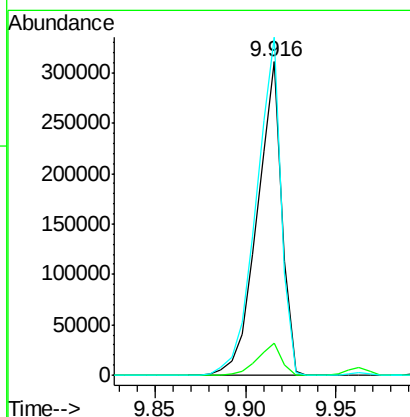
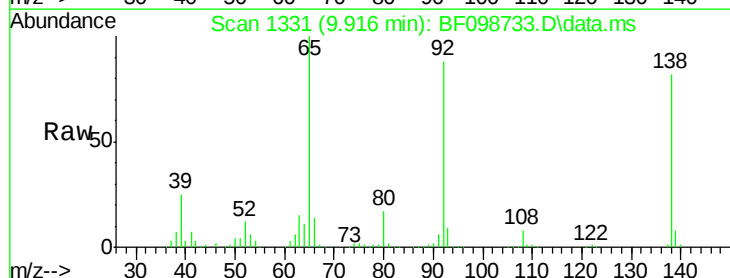
Tgt Ion:138 Resp: 293566

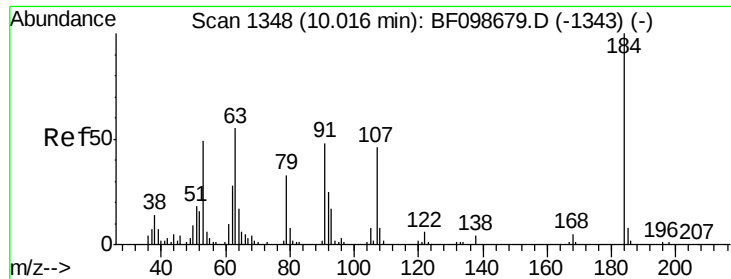
Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

92 107.8 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 86.37 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

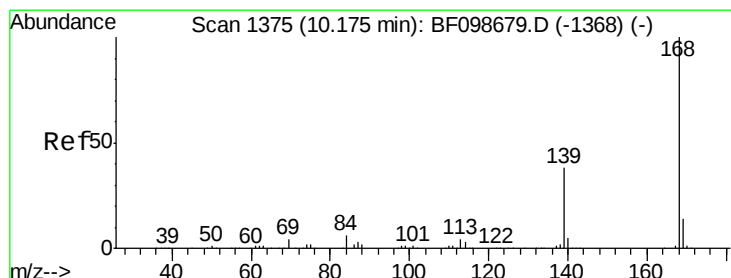
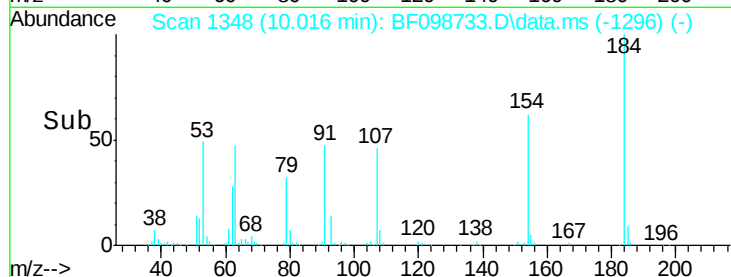
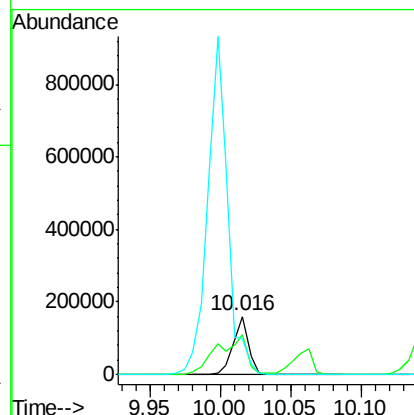
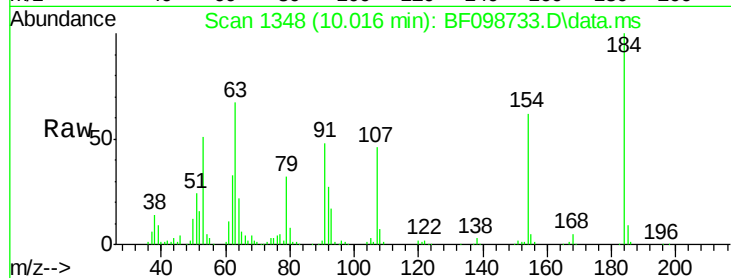
Tot Ion:184 Resp: 123694

Ion Ratio Lower Upper

184 100

63 67.3 54.2 81.2

154 62.1 53.5 80.3



#54

Dibenzofuran

Concen: 46.96 ng

RT: 10.169 min Scan# 1374

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

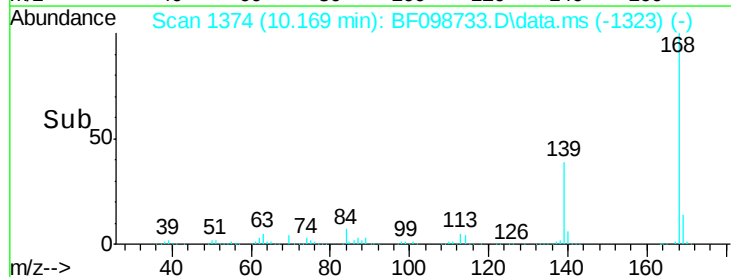
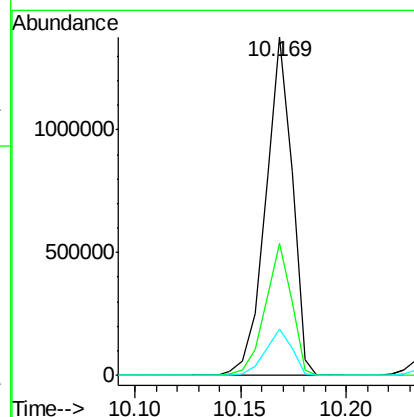
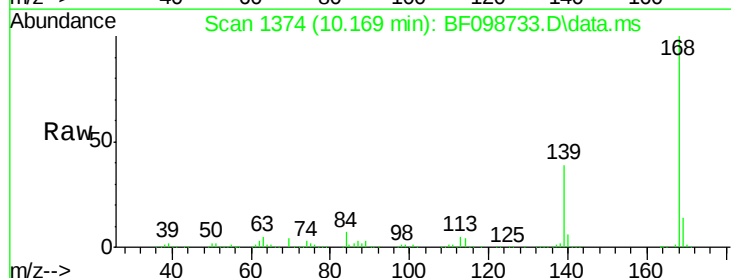
Tgt Ion:168 Resp: 1205346

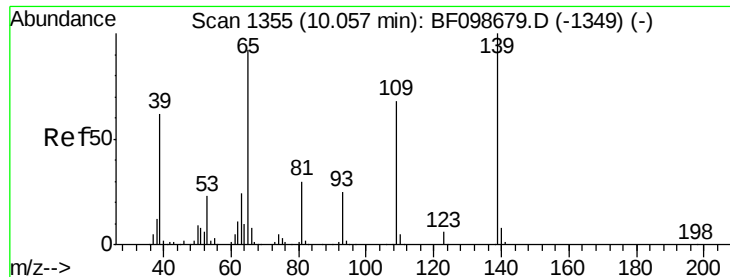
Ion Ratio Lower Upper

168 100

139 39.0 30.1 45.1

169 13.7 10.9 16.3

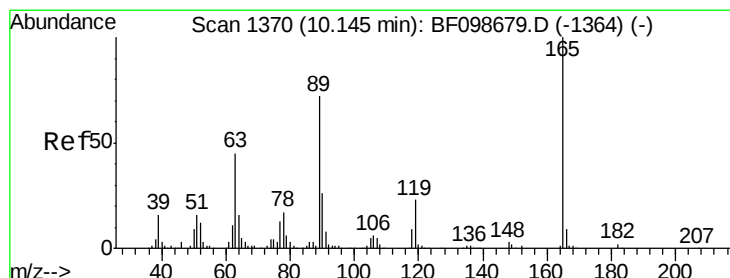
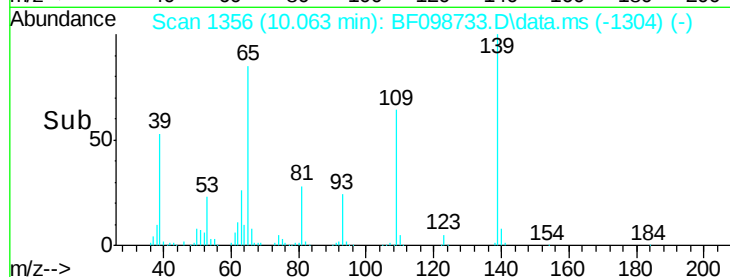
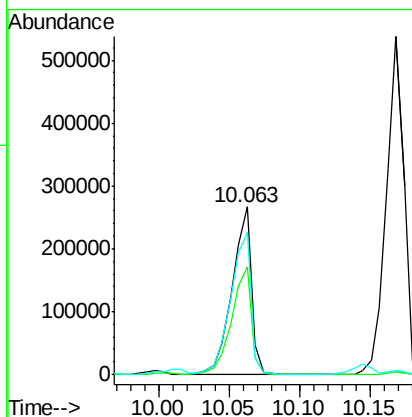
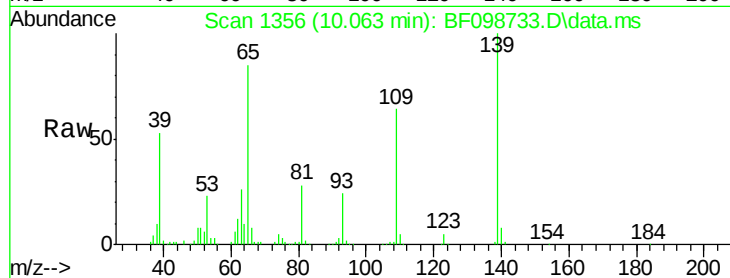




#55
4-Nitrophenol
Concen: 54.10 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

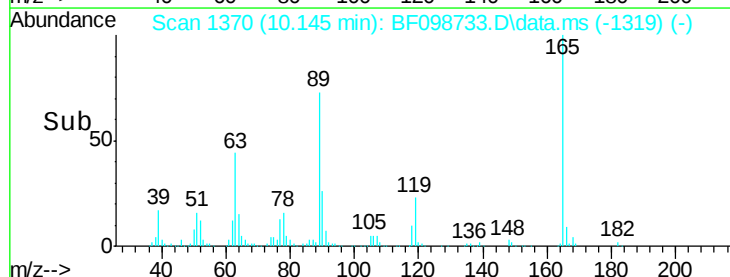
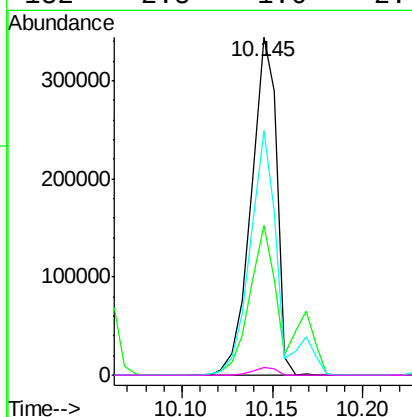
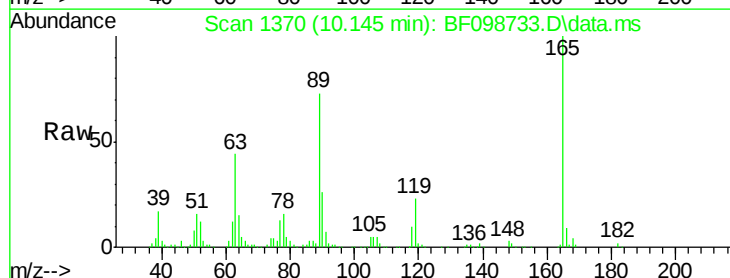
Instrument :
BNA_F
ClientSampleId :

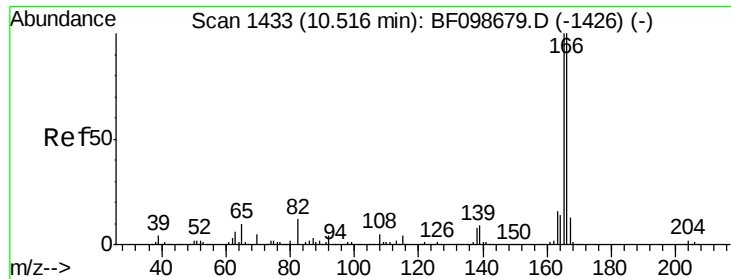
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.2	48.4	88.4
65	85.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 55.34 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	36.4	54.6
89	72.5	57.8	86.6
182	2.5	1.6	2.4#

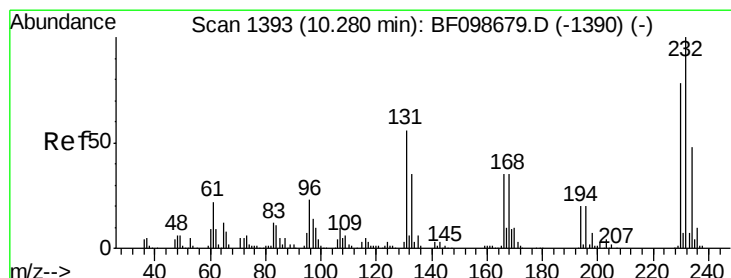
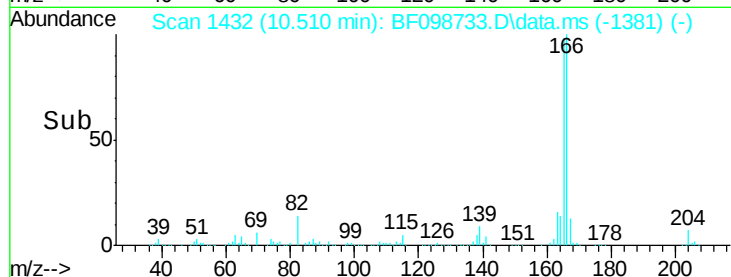
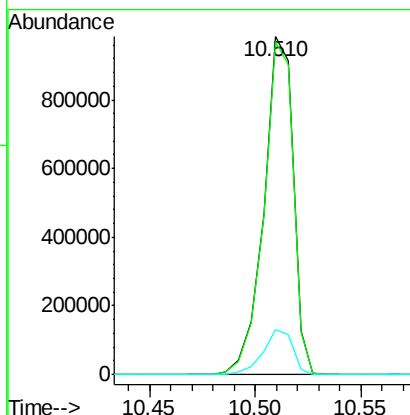
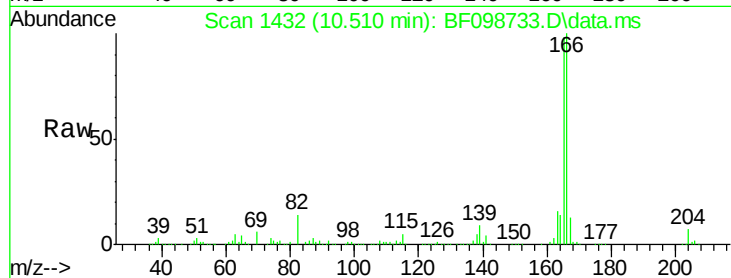




#57
 Fluorene
 Concen: 46.12 ng
 RT: 10.510 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

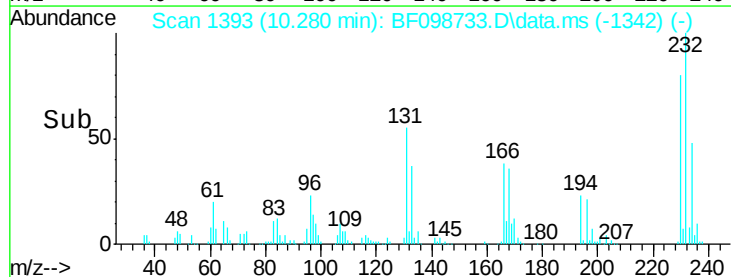
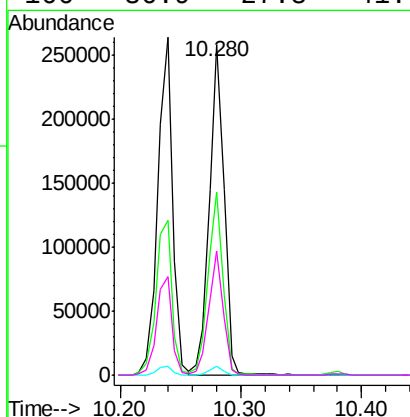
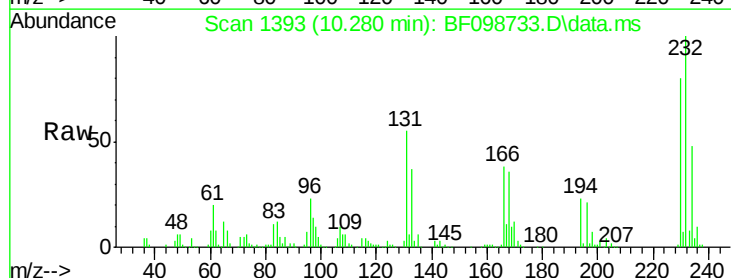
Instrument :
 BNA_F
 ClientSampleId :

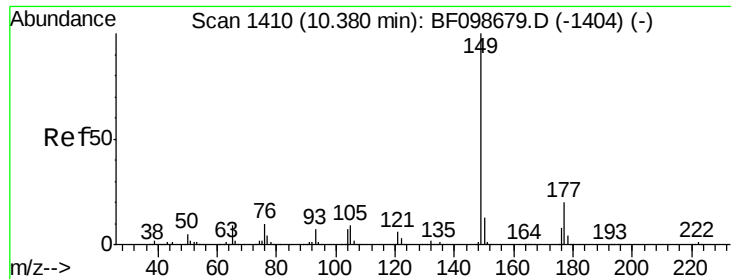
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.09 ng
 RT: 10.280 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.0	43.8	65.8
130	2.8	2.1	3.1
166	36.9	27.8	41.6

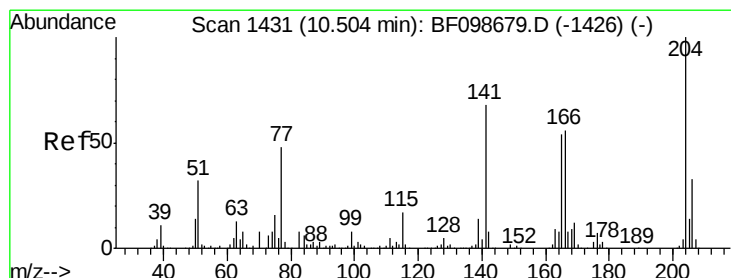
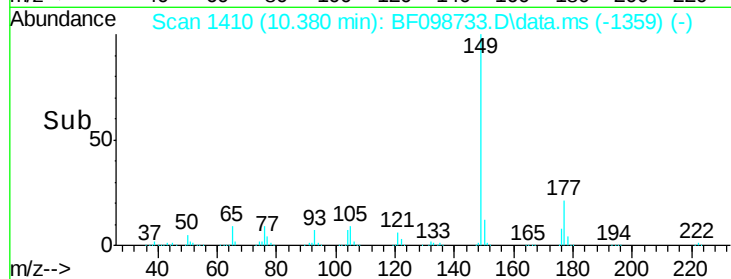
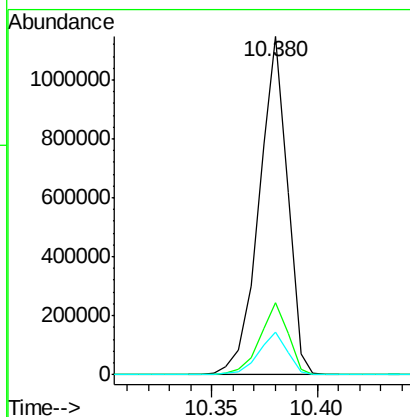
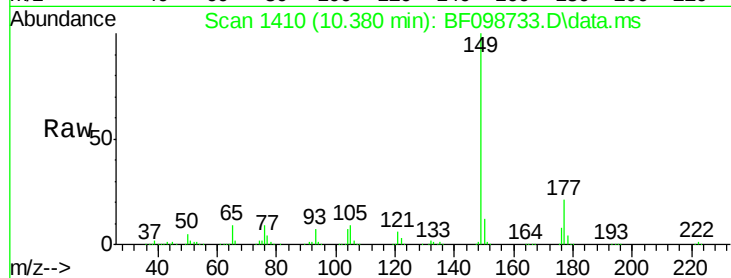




#59
Diethylphthalate
Concen: 47.73 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

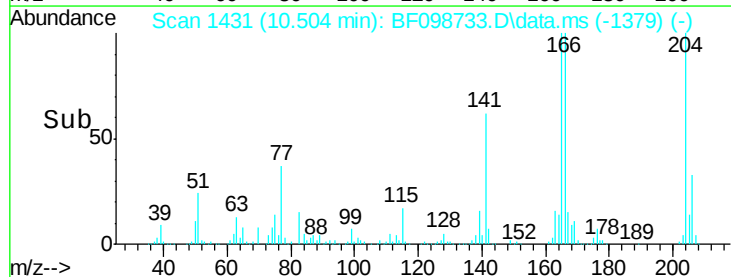
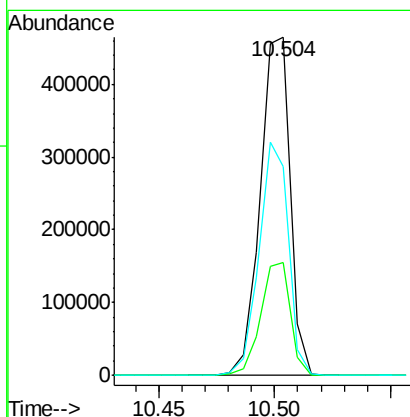
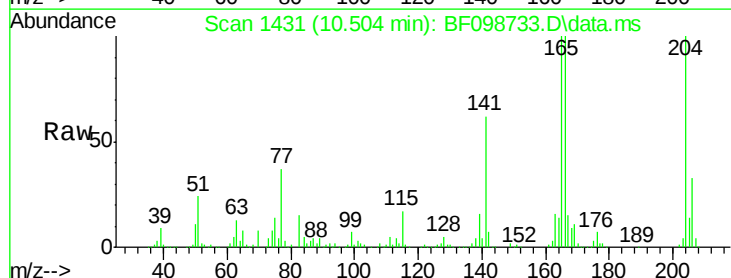
Instrument :
BNA_F
ClientSampleId :

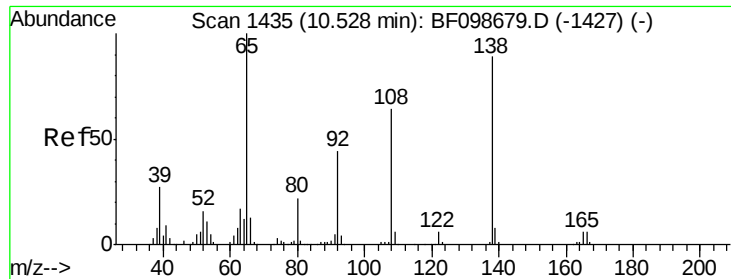
Tot Ion:149 Resp: 1072028
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.67 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion:204 Resp: 421832
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 62.0 54.6 81.8

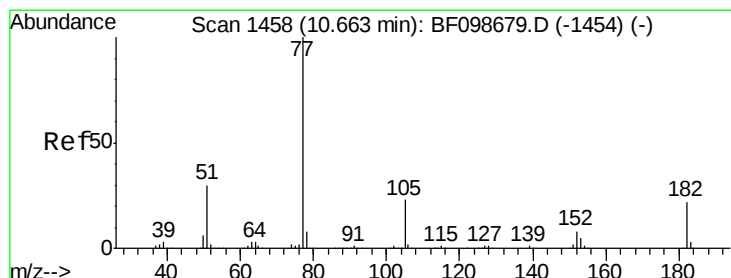
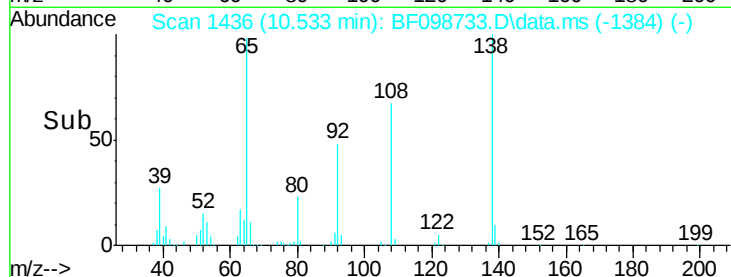
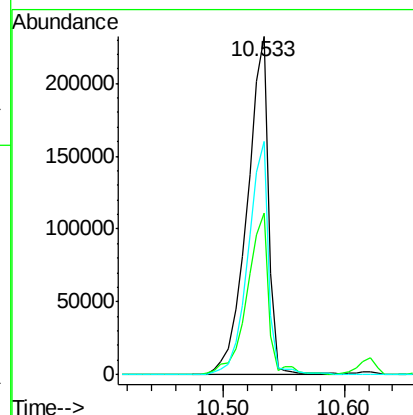
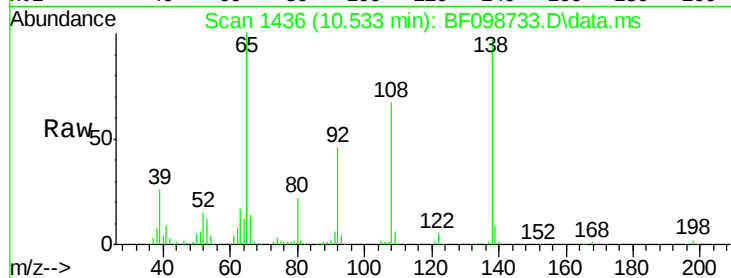




#61
4-Nitroaniline
Concen: 55.57 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

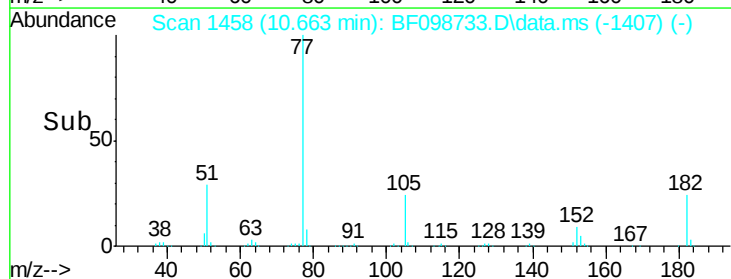
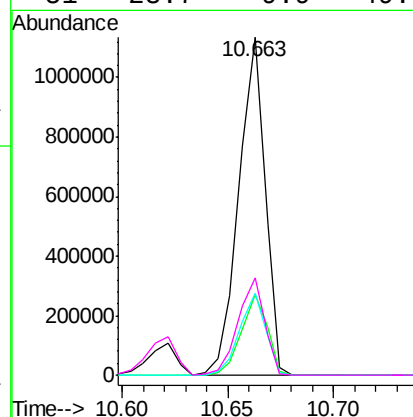
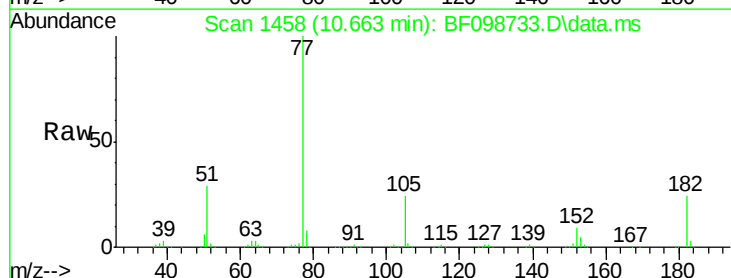
Instrument :
BNA_F
ClientSampleId :

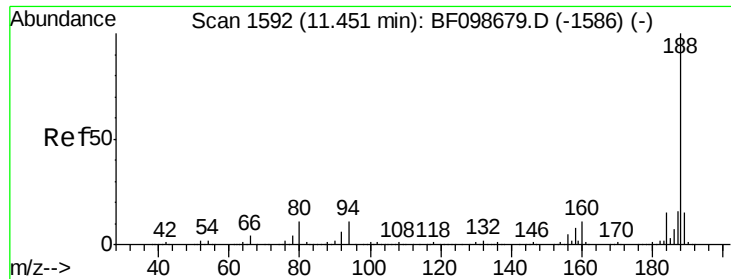
Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	69.1	52.5	92.5



#62
Azobenzene
Concen: 46.68 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.7	41.7
105	24.4	3.0	43.0
51	28.7	9.9	49.9

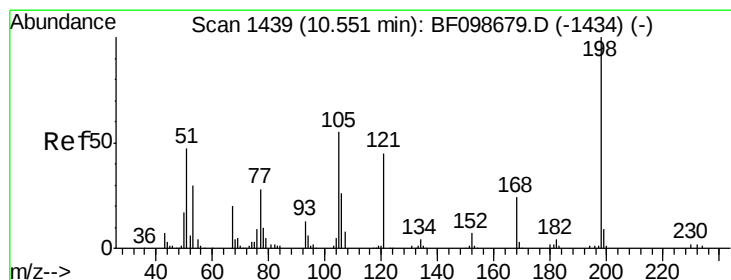
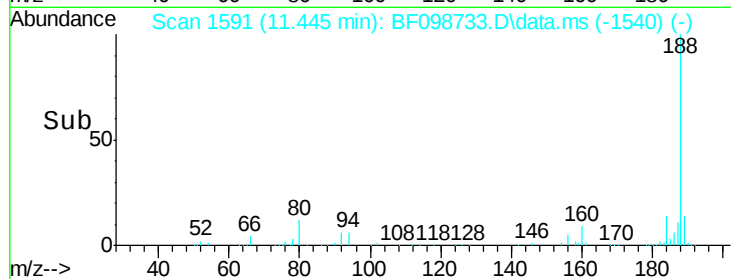
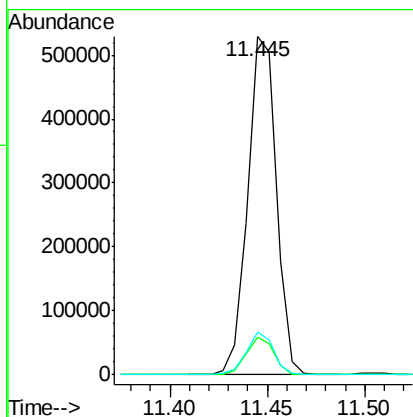
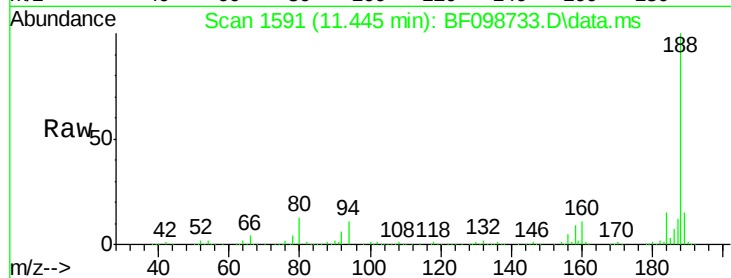




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

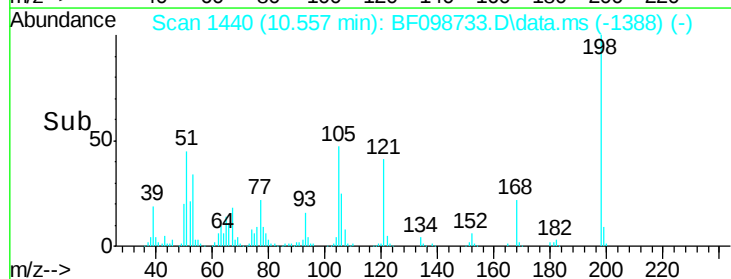
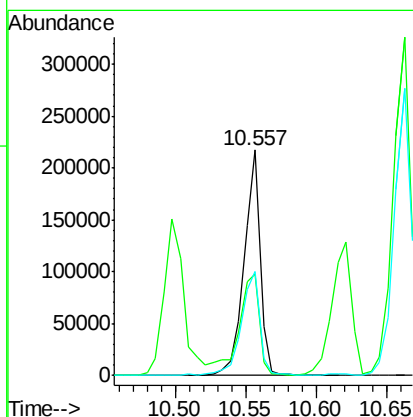
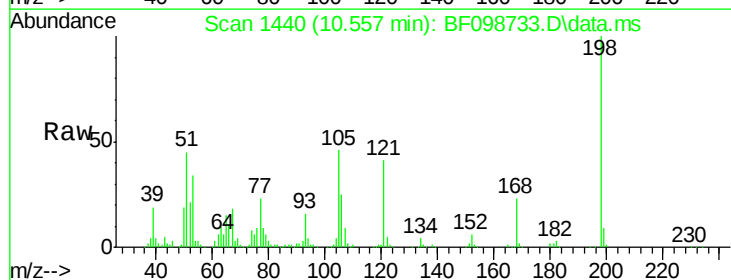
Instrument :
BNA_F
ClientSampleId :

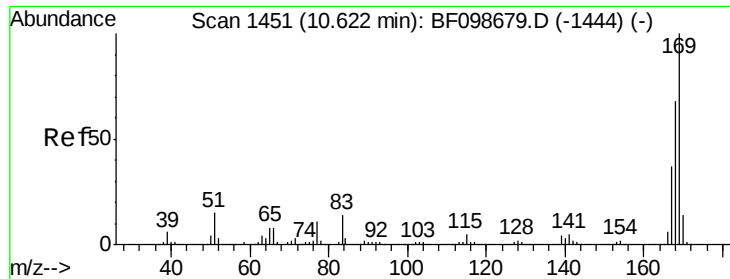
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.7	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 74.10 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.2	37.7	77.7
105	46.4	36.3	76.3

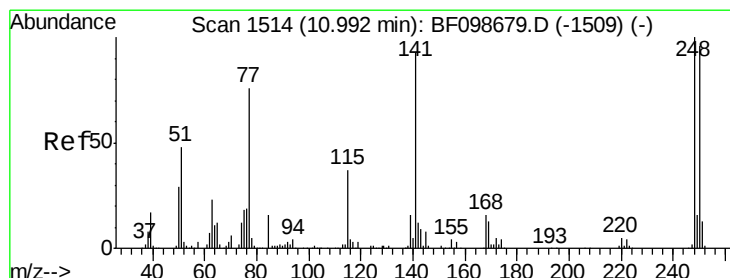
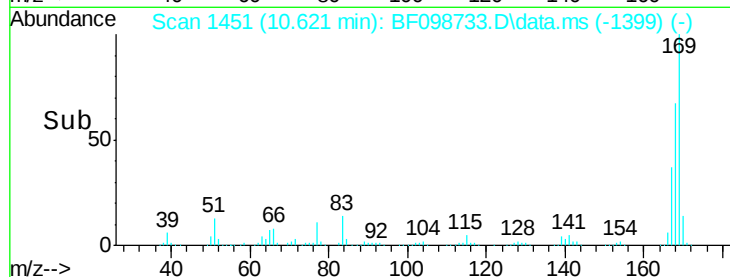
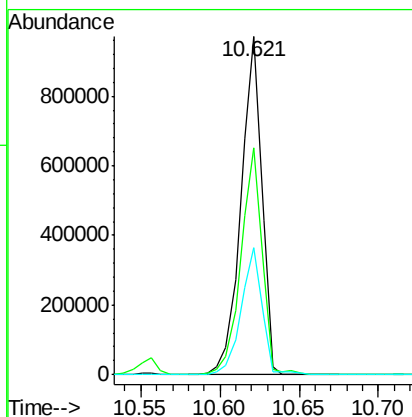
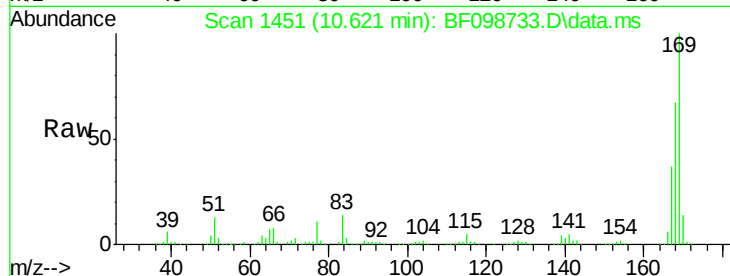




#65
 n-Nitrosodiphenylamine
 Concen: 47.57 ng
 RT: 10.621 min Scan# 1451
 Delta R.T. 0.006 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

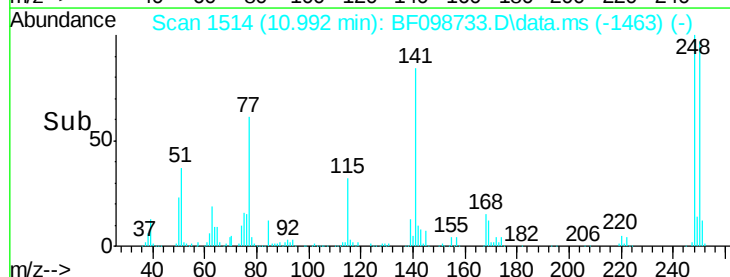
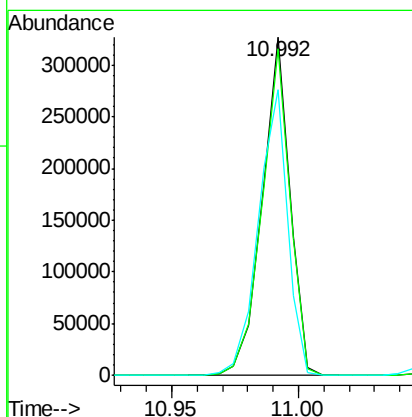
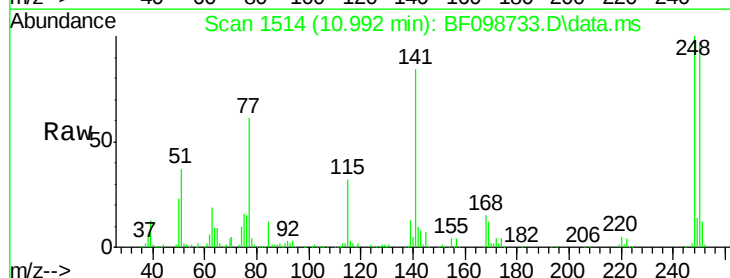
Instrument :
 BNA_F
 ClientSampleId :

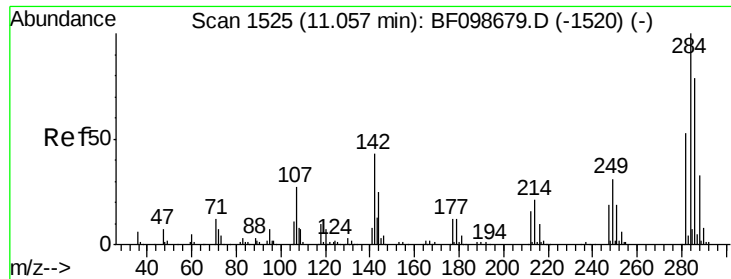
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.34 ng
 RT: 10.992 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	84.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 43.69 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

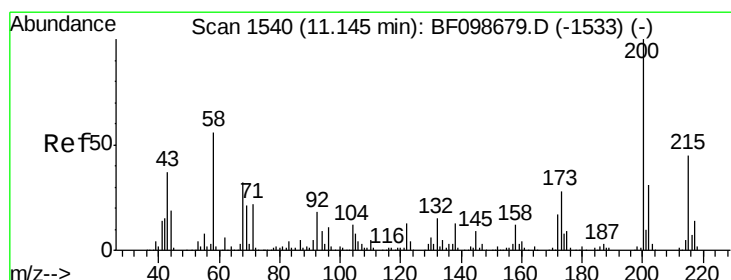
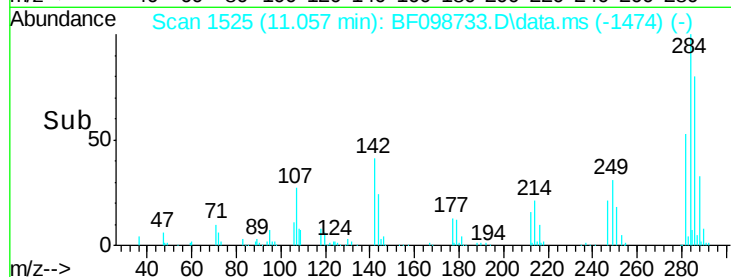
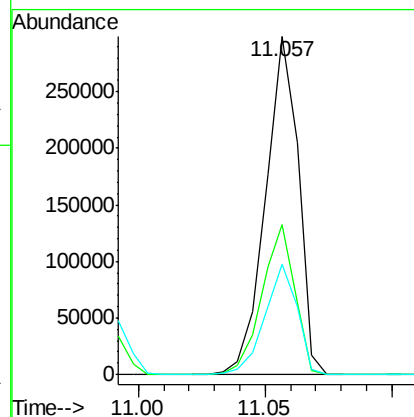
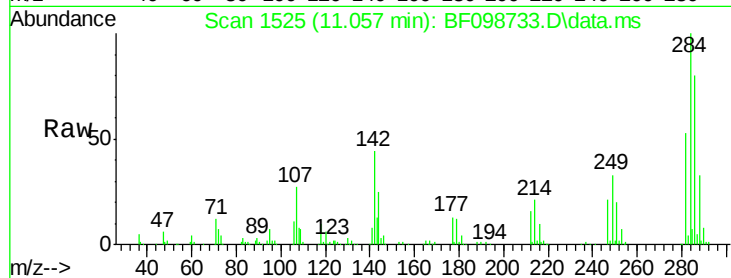
Tot Ion:284 Resp: 270422

Ion Ratio Lower Upper

284 100

142 44.3 34.6 52.0

249 32.6 24.8 37.2



#68

Atrazine

Concen: 47.53 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

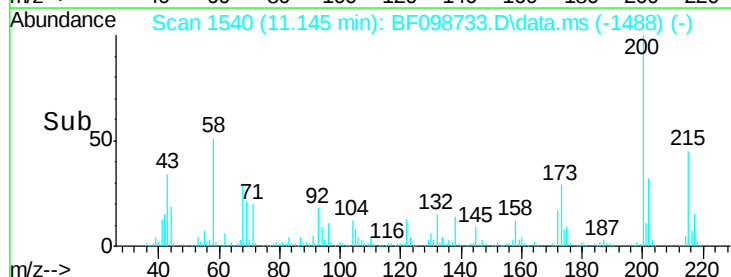
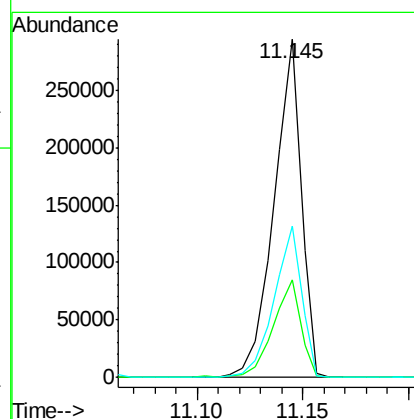
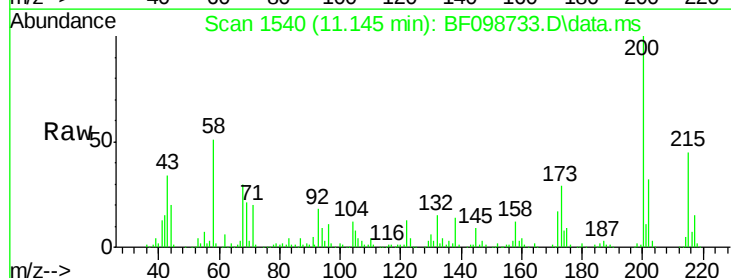
Tgt Ion:200 Resp: 264765

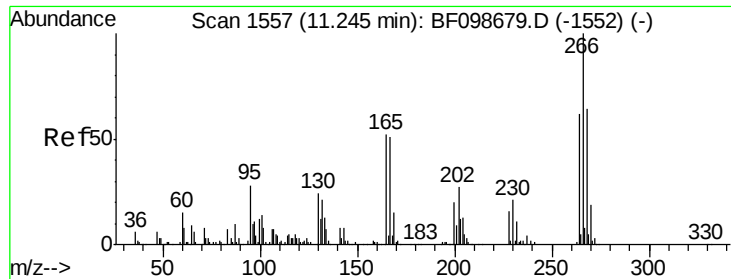
Ion Ratio Lower Upper

200 100

173 28.8 8.6 48.6

215 44.8 25.1 65.1





#69

Pentachlorophenol

Concen: 50.64 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

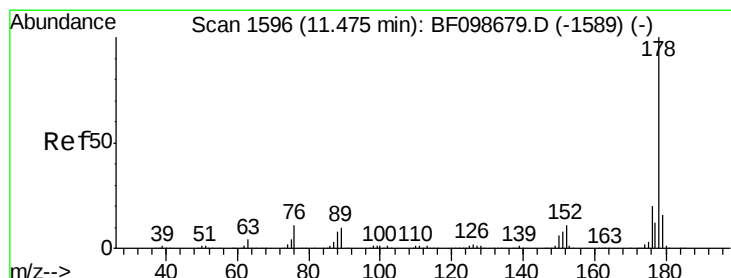
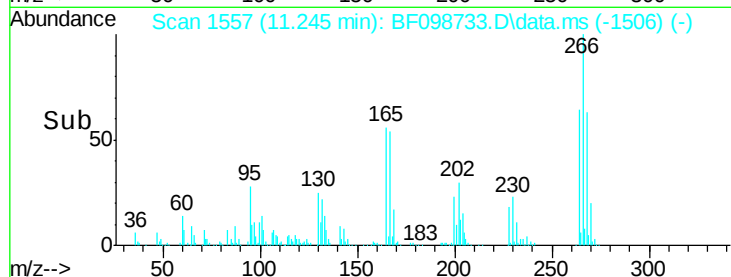
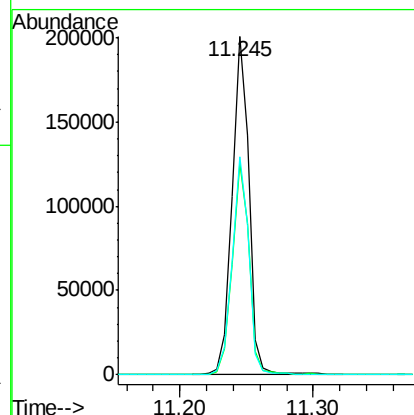
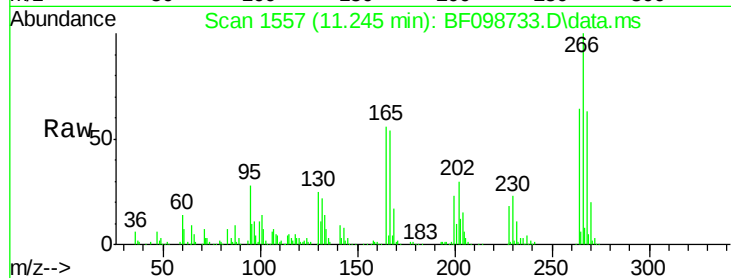
Tot Ion:266 Resp: 179153

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

264 64.2 49.5 74.3



#70

Phenanthrene

Concen: 46.17 ng

RT: 11.474 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

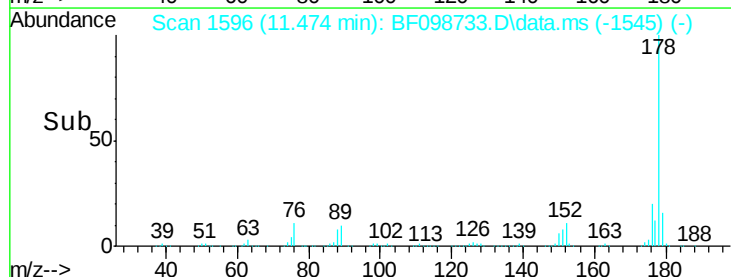
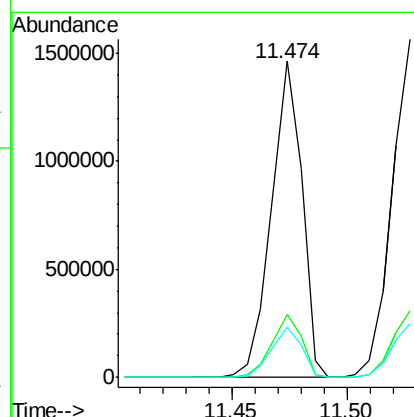
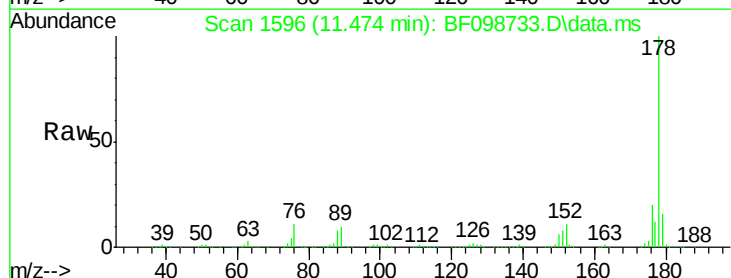
Tgt Ion:178 Resp: 1347494

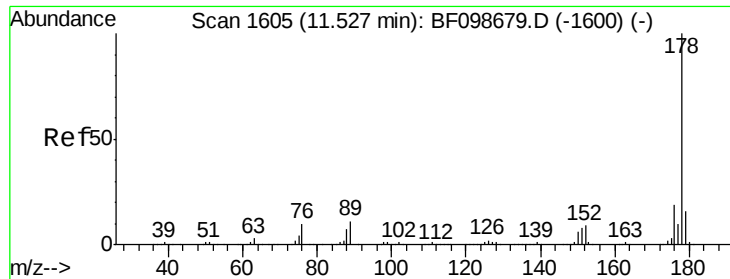
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.7 13.0 19.6





#71

Anthracene

Concen: 46.16 ng

RT: 11.527 min Scan# 1605

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

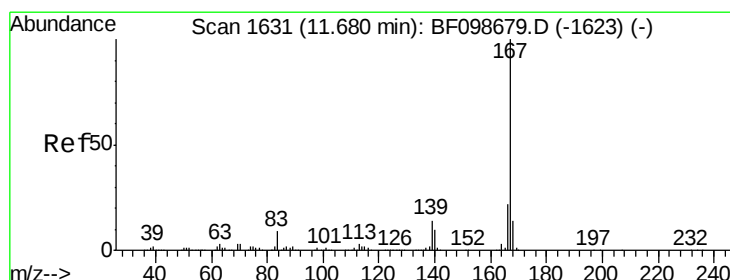
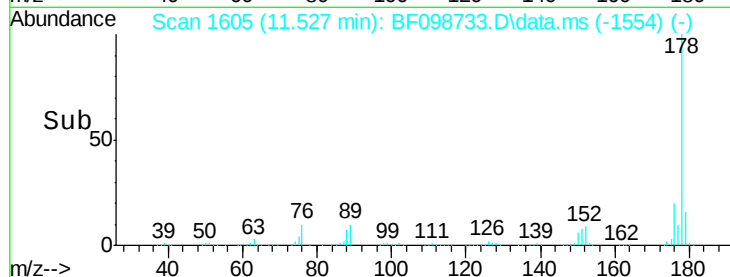
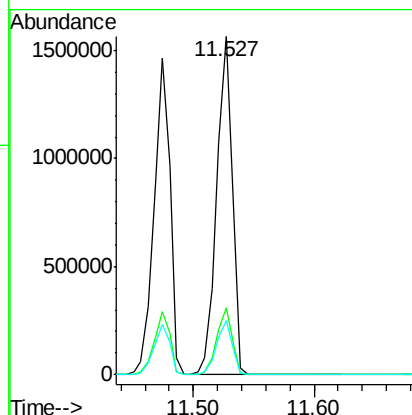
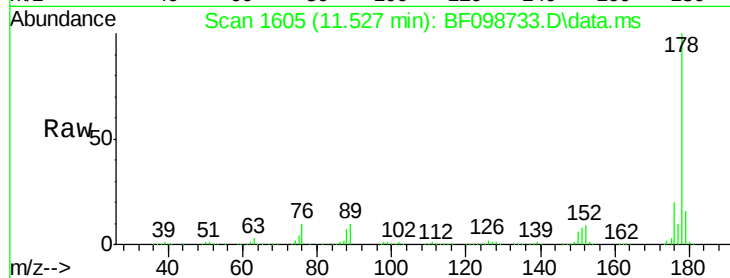
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1373609

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.8	12.6	19.0



#72

Carbazole

Concen: 46.85 ng

RT: 11.680 min Scan# 1631

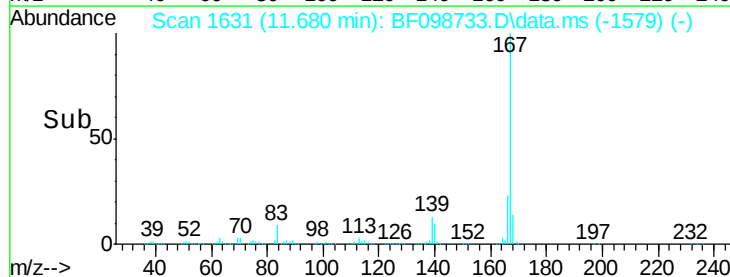
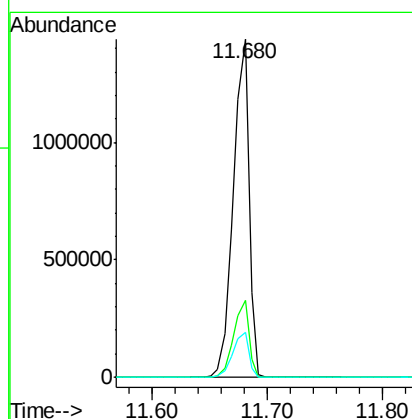
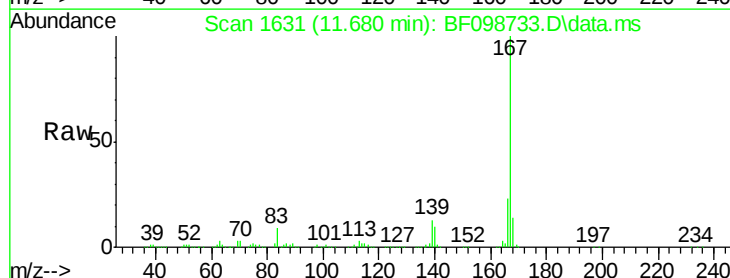
Delta R.T. 0.006 min

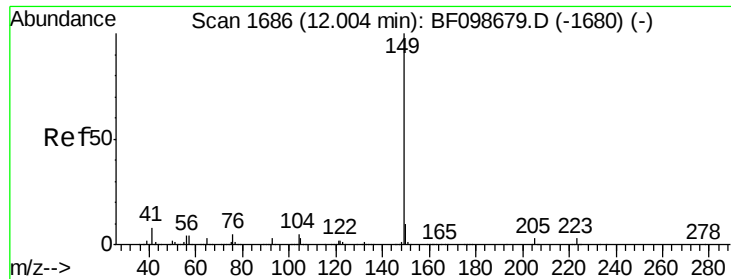
Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Tgt Ion:167 Resp: 1362159

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 48.88 ng

RT: 12.004 min Scan# 1686

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

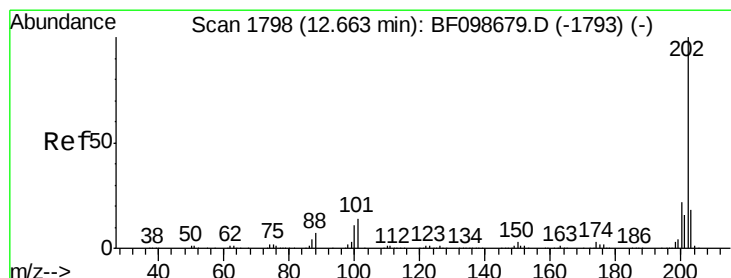
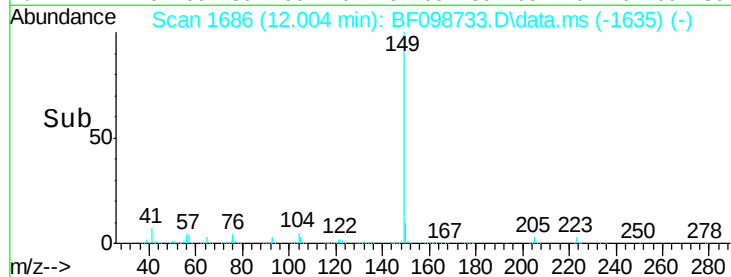
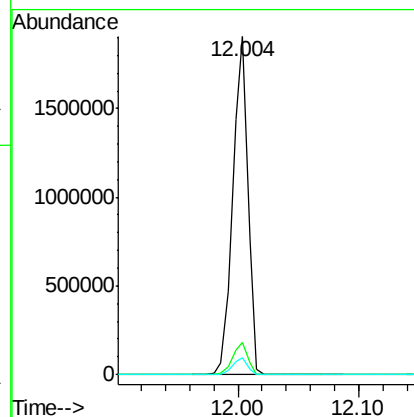
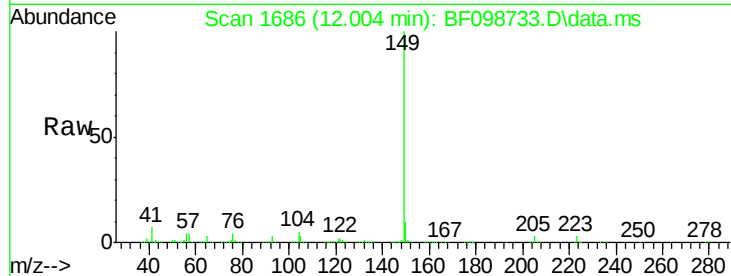
Tot Ion:149 Resp: 1650970

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 4.9 3.8 5.8



#74

Fluoranthene

Concen: 46.96 ng

RT: 12.663 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

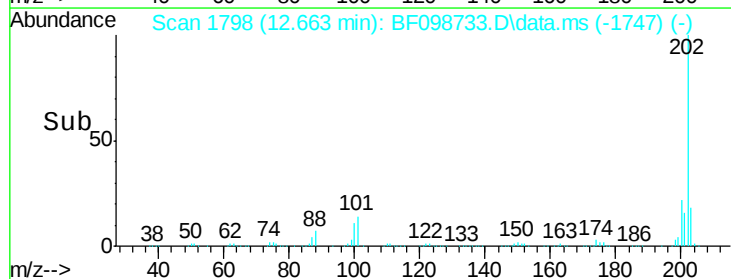
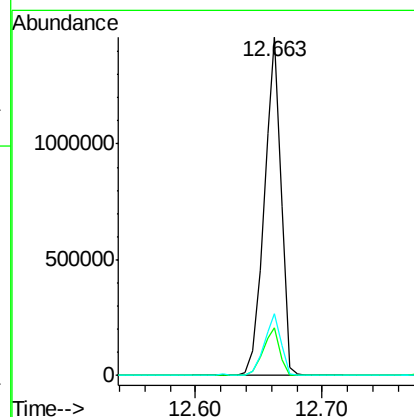
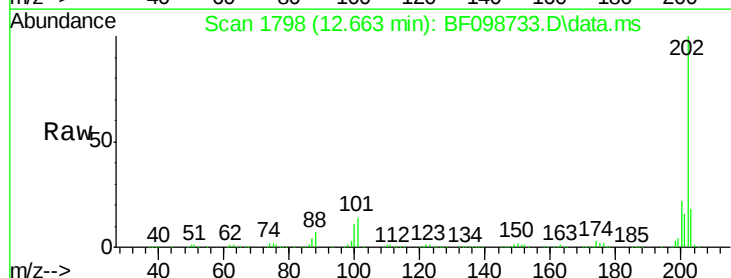
Tgt Ion:202 Resp: 1365727

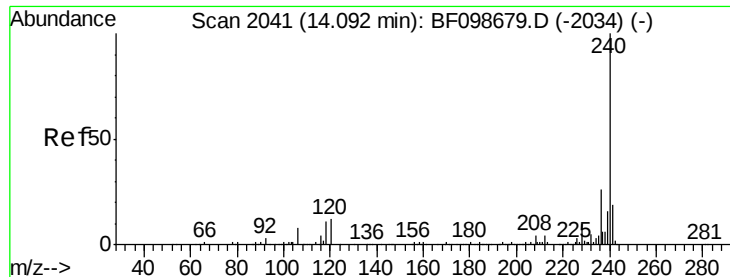
Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampled :

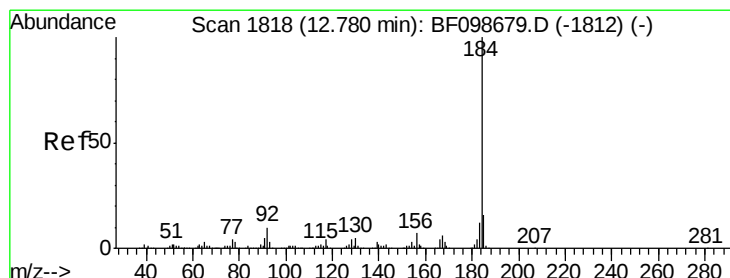
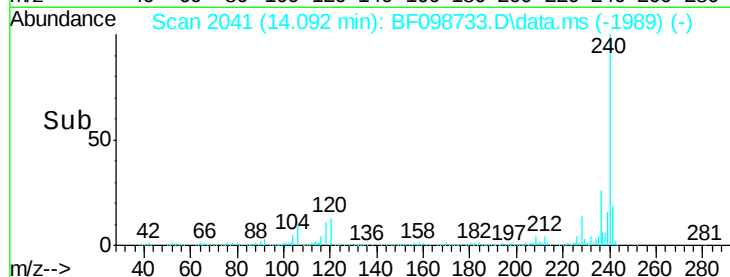
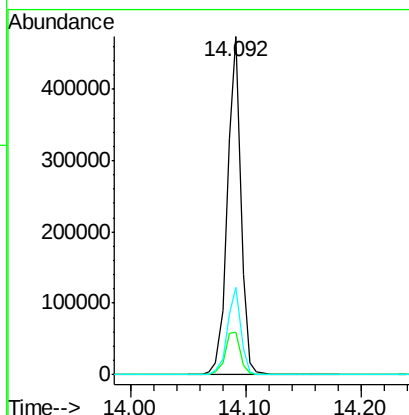
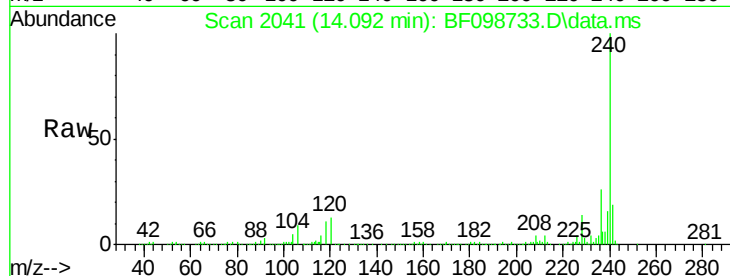
Tot Ion:240 Resp: 381534

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

236 26.0 20.7 31.1



#76

Benzidine

Concen: 43.96 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

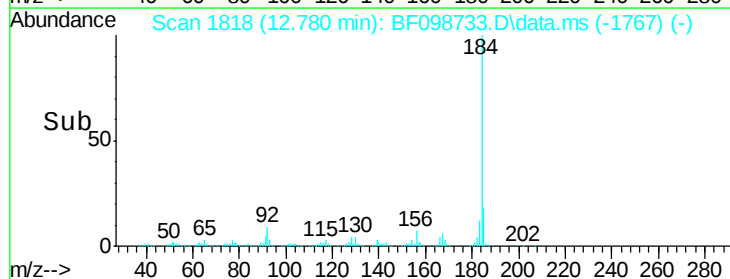
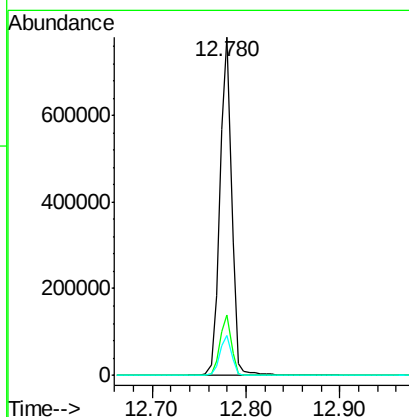
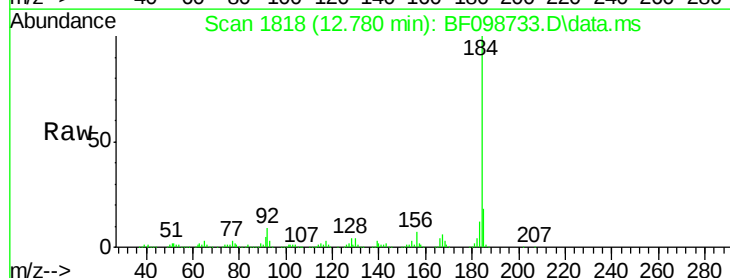
Tgt Ion:184 Resp: 681138

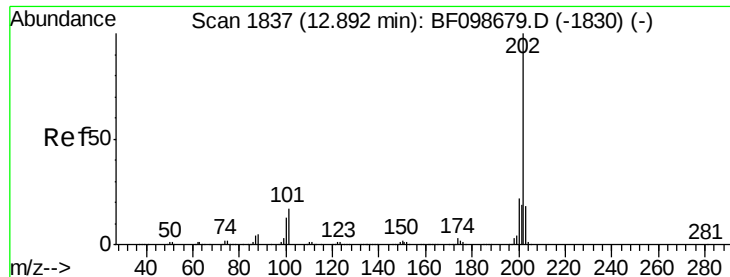
Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

183 11.8 9.3 13.9

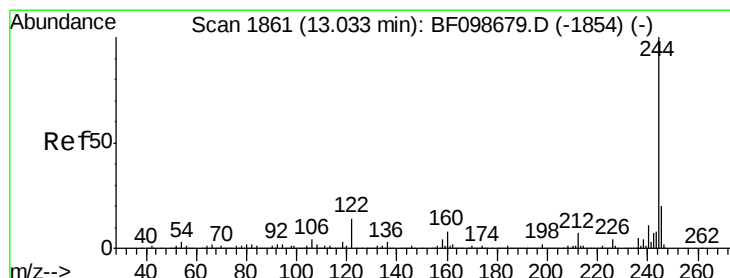
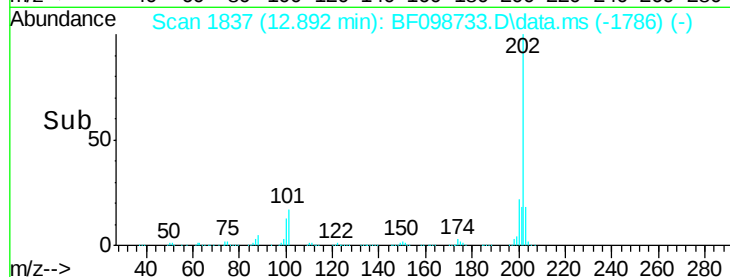
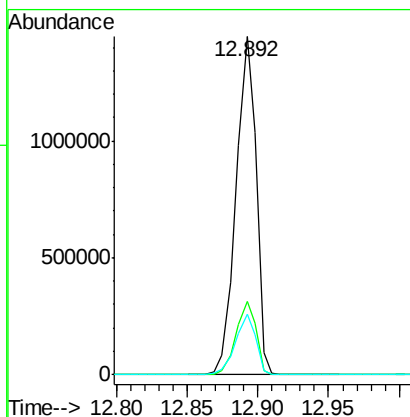
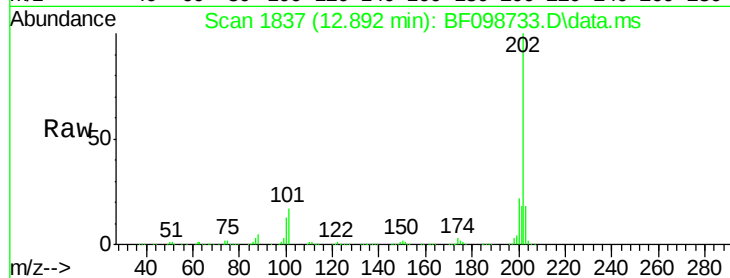




#77
Pvrene
Concen: 50.55 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

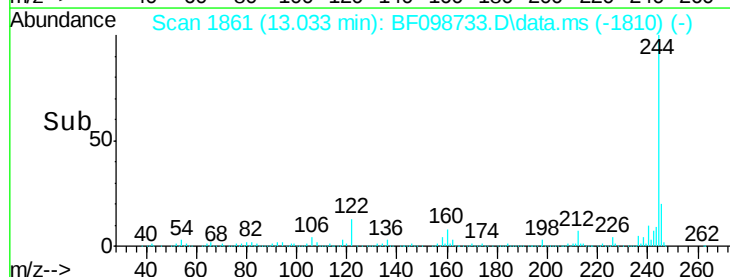
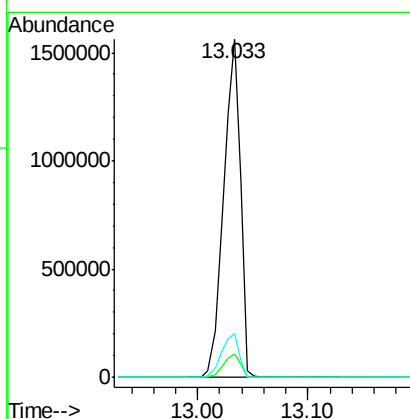
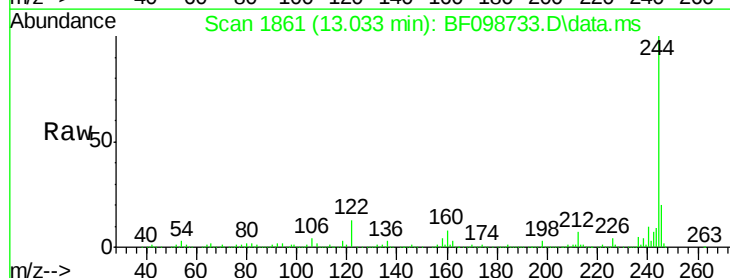
Instrument :
BNA_F
ClientSampleId :

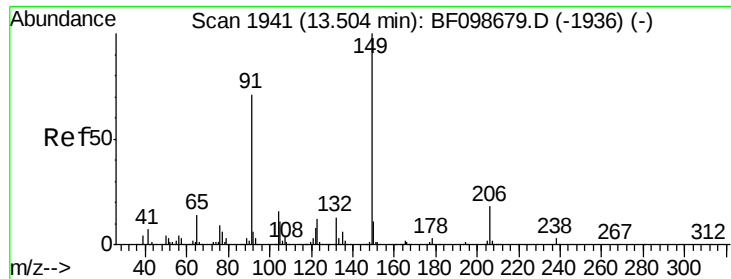
Tot Ion:202 Resp: 1431889
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 93.05 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion:244 Resp: 1653436
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.1 11.0 16.4

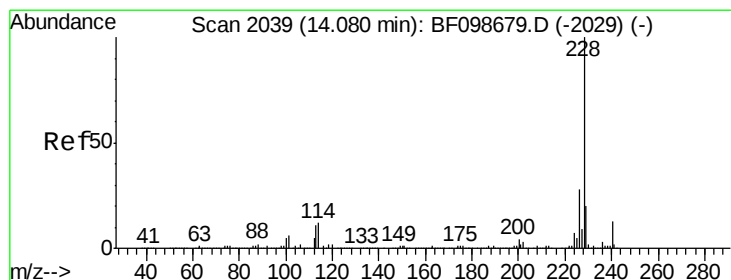
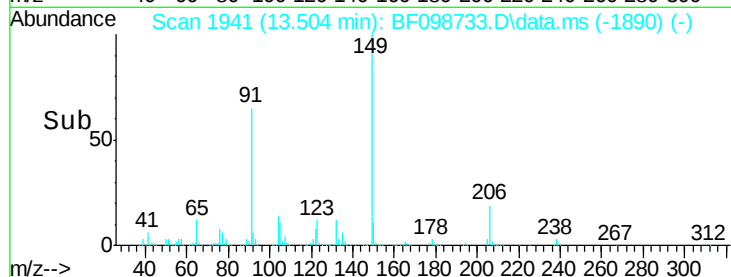
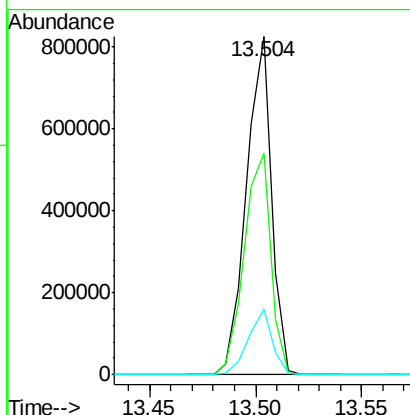
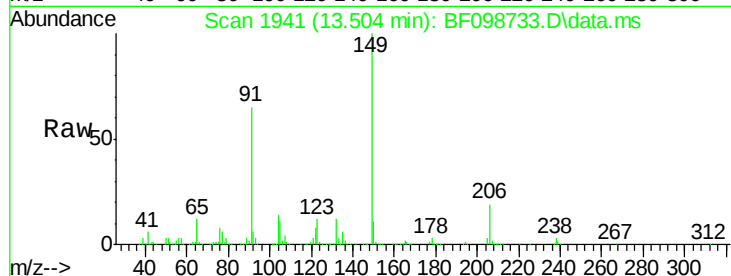




#79
Butylbenzylphthalate
Concen: 58.36 ng
RT: 13.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

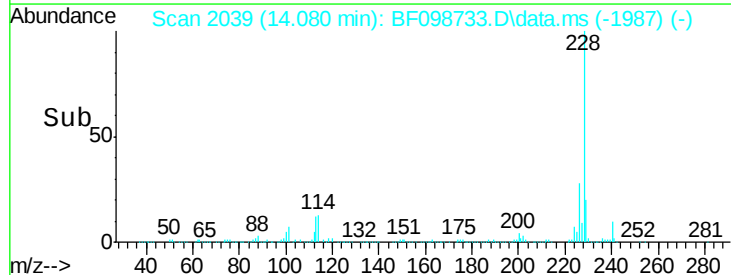
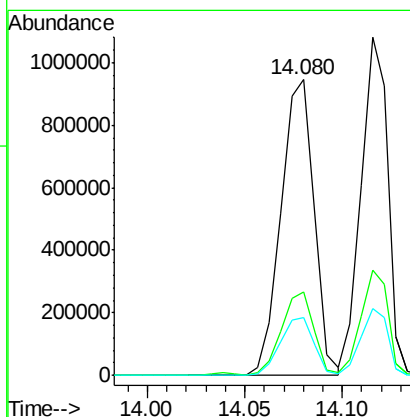
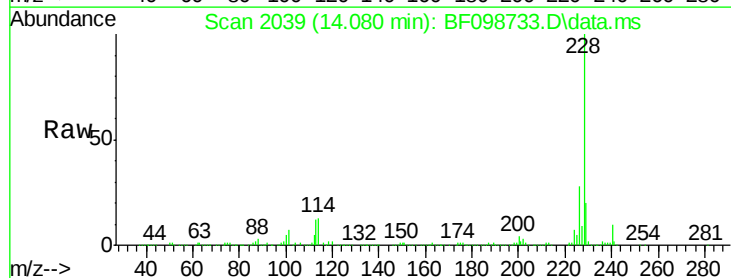
Instrument :
BNA_F
ClientSampleId :

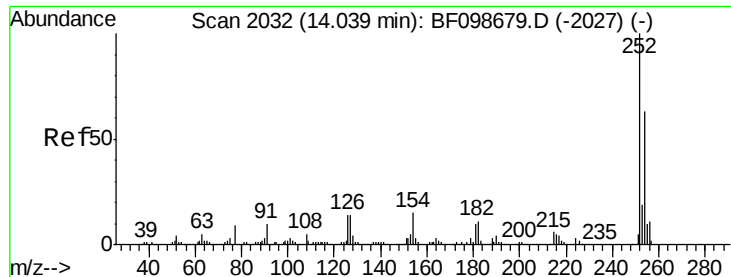
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	56.8	85.2
206	19.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 48.29 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 49.91 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

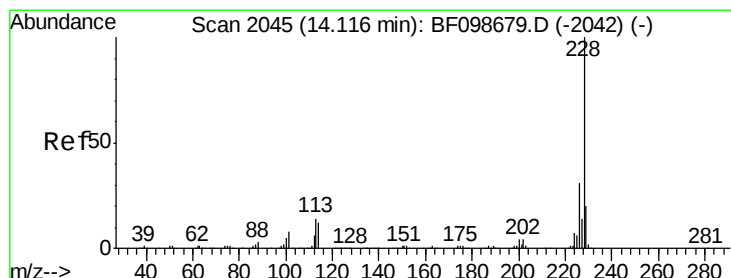
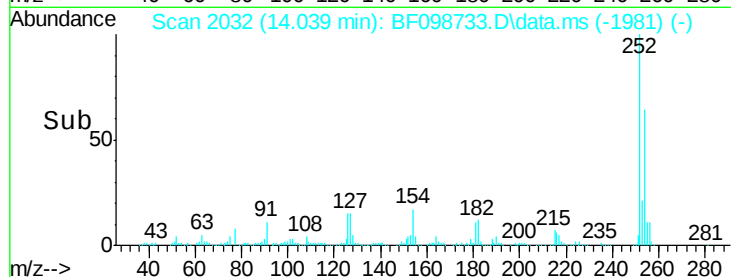
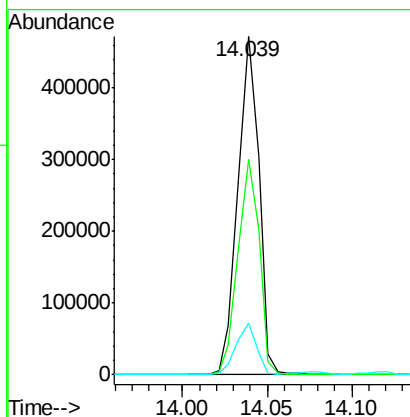
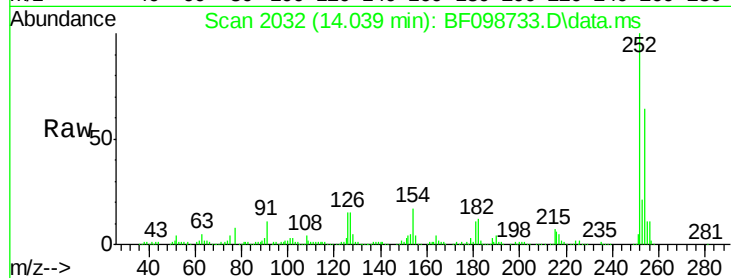
Tot Ion:252 Resp: 409335

Ion Ratio Lower Upper

252 100

254 63.6 50.4 75.6

126 15.1 11.3 16.9



#82

Chrysene

Concen: 46.56 ng

RT: 14.115 min Scan# 2045

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

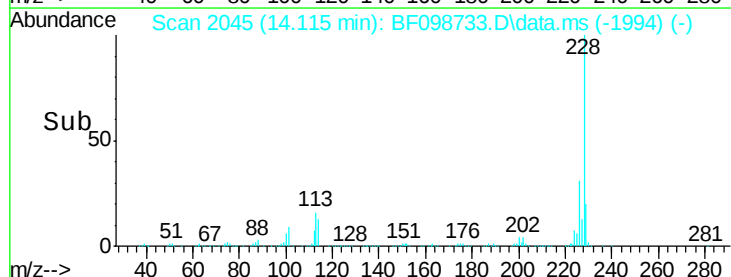
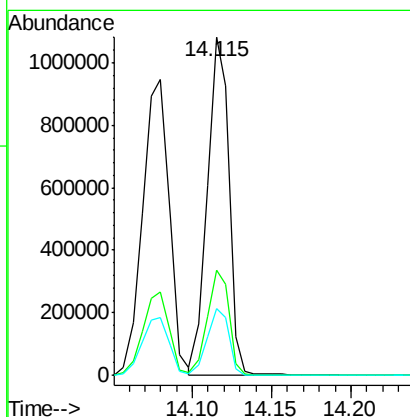
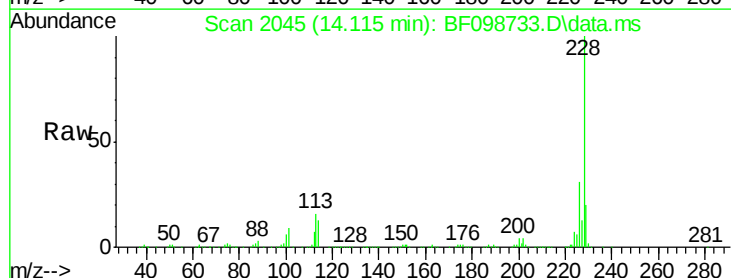
Tgt Ion:228 Resp: 1033438

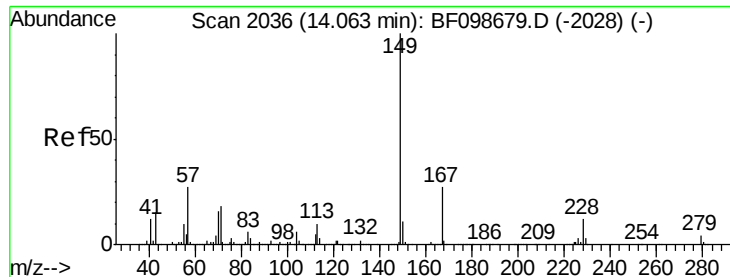
Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.38 ng

RT: 14.057 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

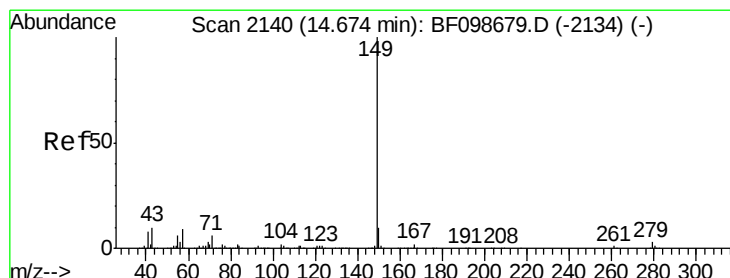
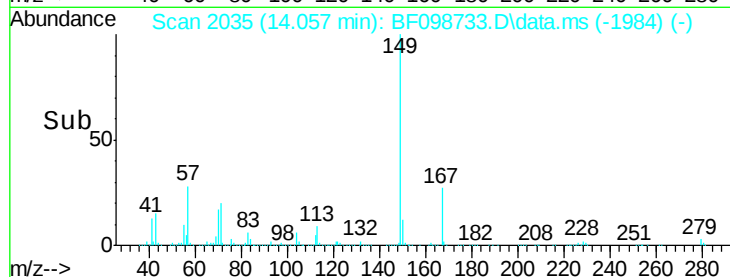
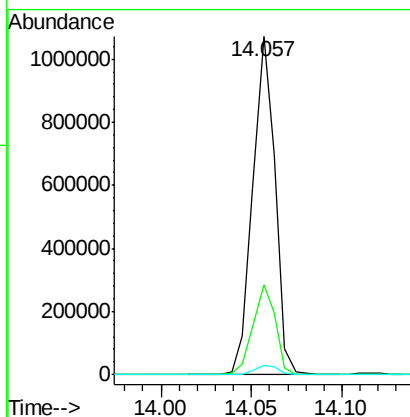
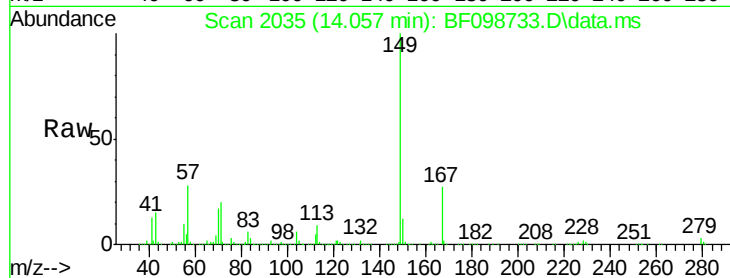
Tot Ion:149 Resp: 913851

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 2.8 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 59.32 ng

RT: 14.674 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

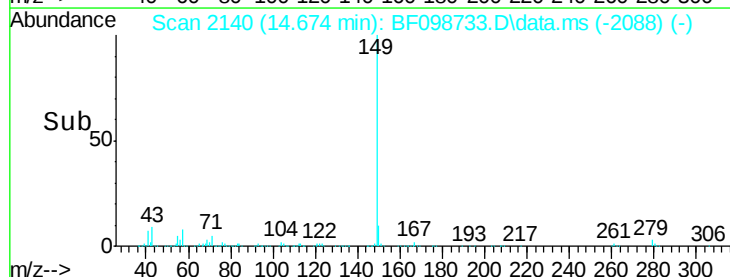
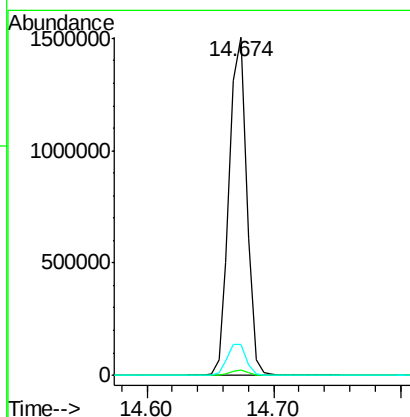
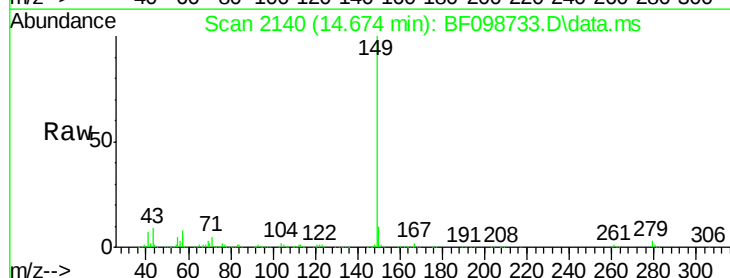
Tgt Ion:149 Resp: 1444051

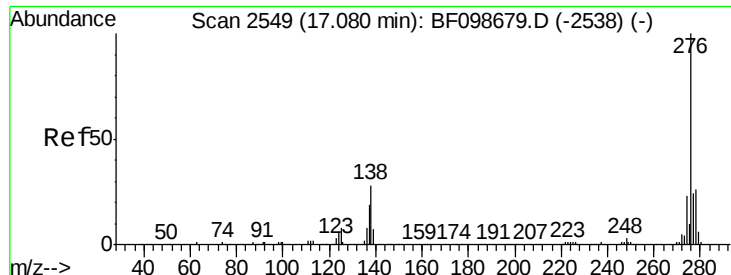
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.0 8.4 12.6

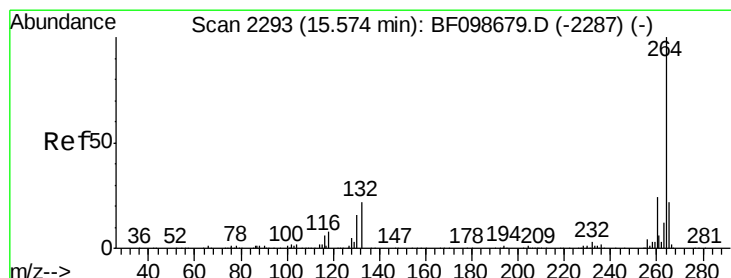
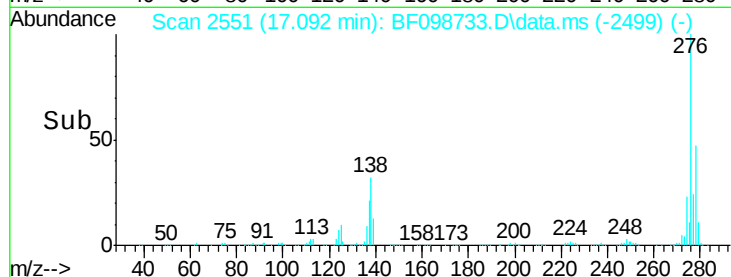
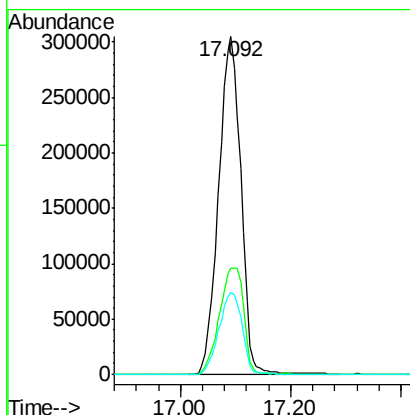
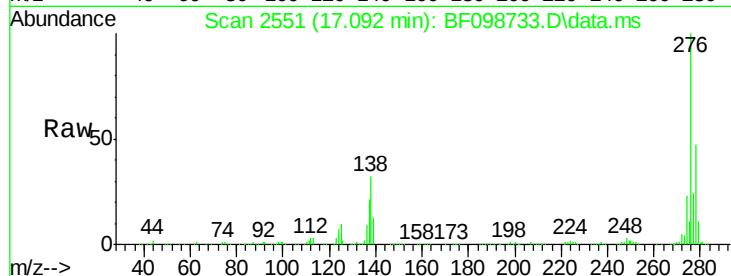




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.16 ng
 RT: 17.092 min Scan# 2549
 Delta R.T. 0.006 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

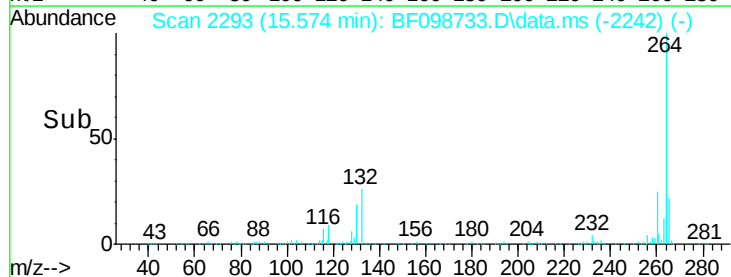
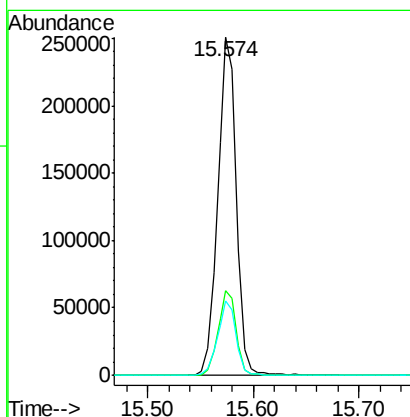
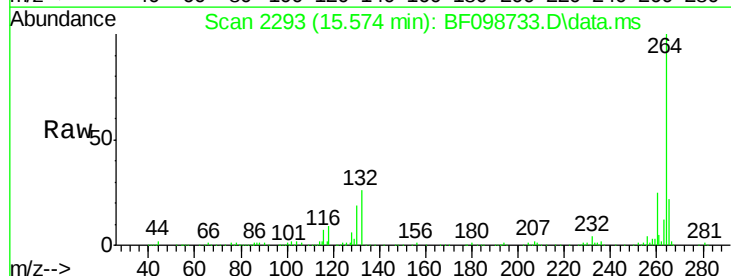
Instrument :
 BNA_F
 ClientSampleId :

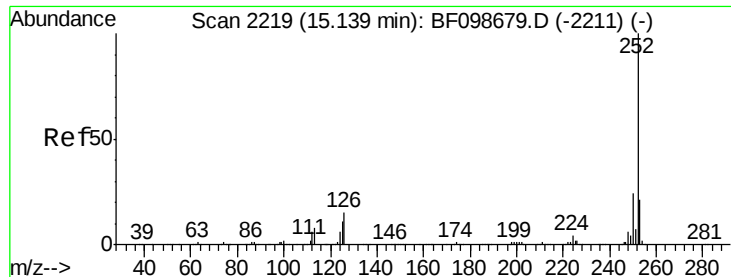
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.000 min
 Lab File: BF098733.D
 Acq: 23 Sep 2017 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.1	17.5	26.3

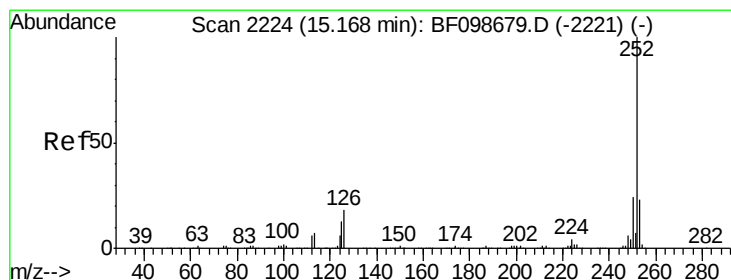
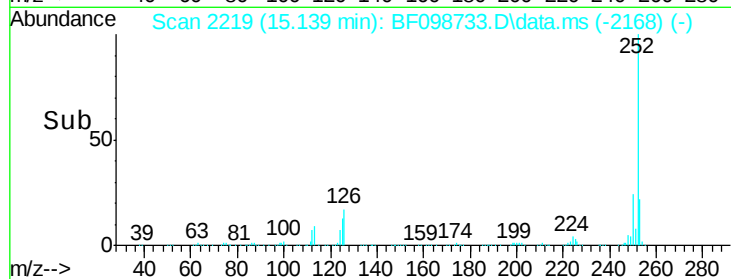
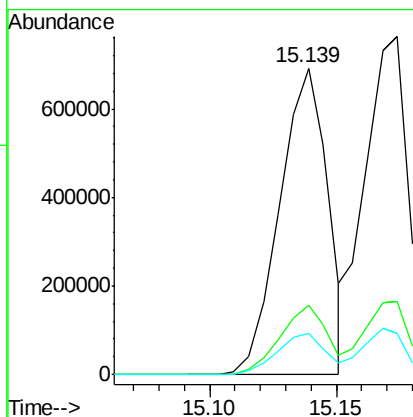
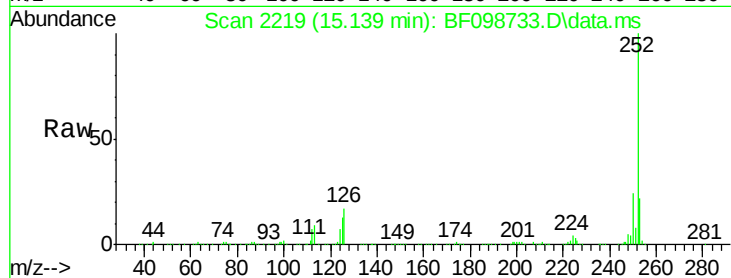




#87
Benzo(b)fluoranthene
Concen: 50.81 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

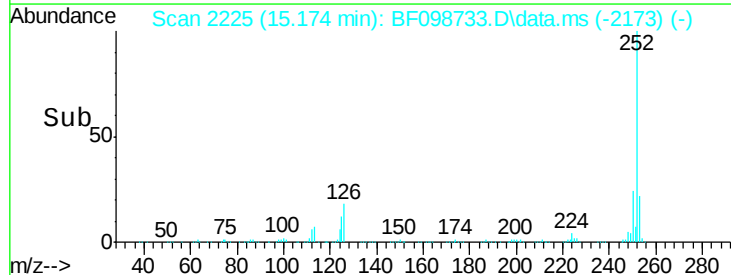
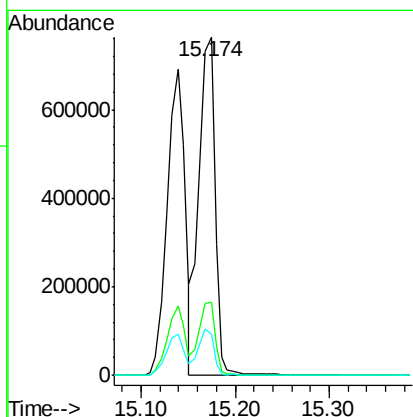
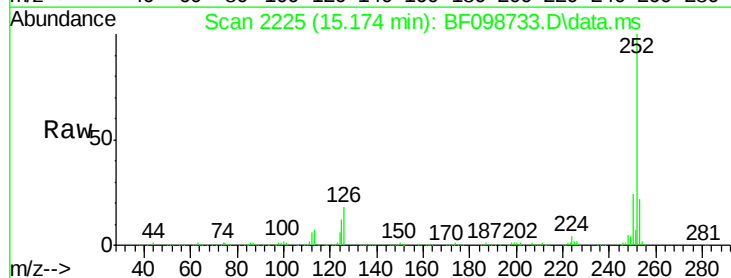
Instrument :
BNA_F
ClientSampleId :

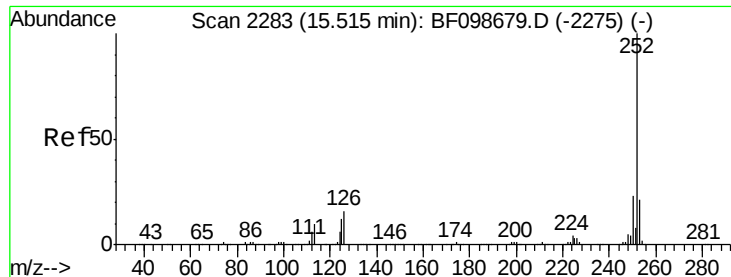
Tot Ion:252 Resp: 911132
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 51.58 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF098733.D
Acq: 23 Sep 2017 12:22

Tgt Ion:252 Resp: 924228
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 52.22 ng

RT: 15.515 min Scan# 22

Delta R.T. -0.000 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

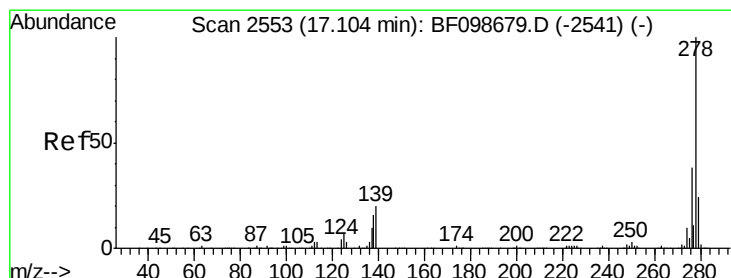
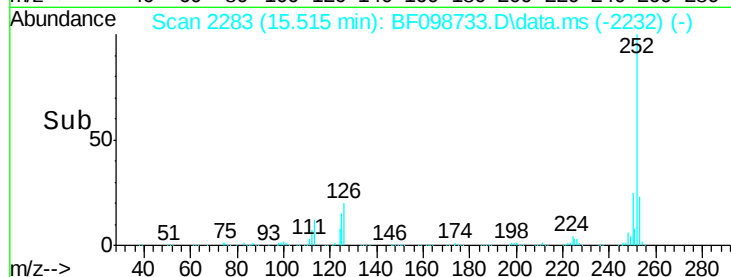
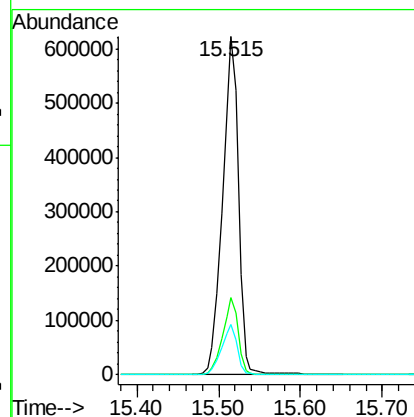
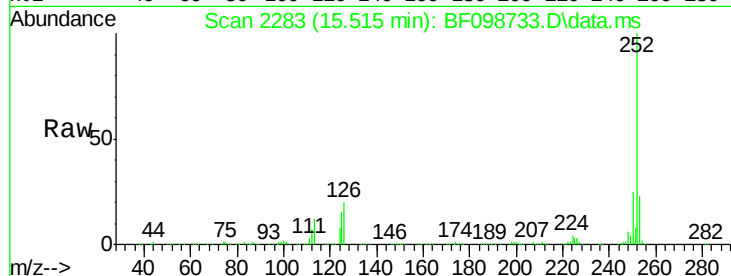
Tot Ion:252 Resp: 850369

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 14.8 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 50.94 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

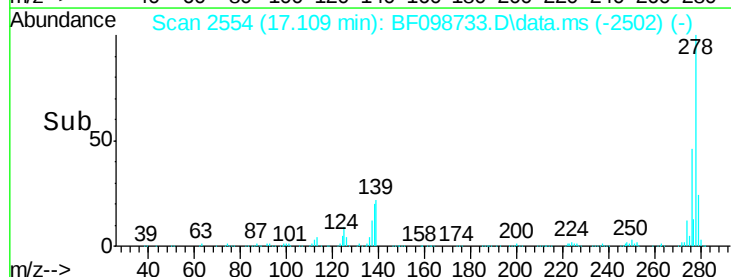
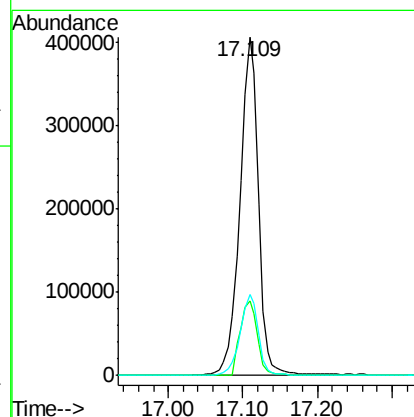
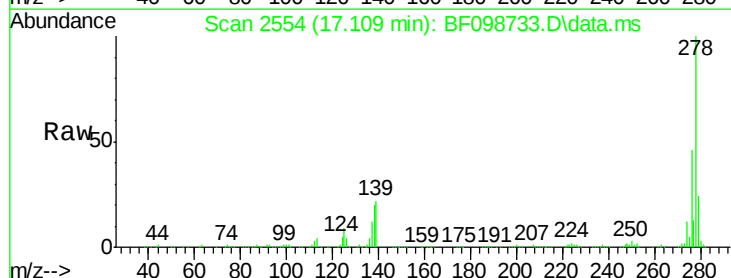
Tgt Ion:278 Resp: 701645

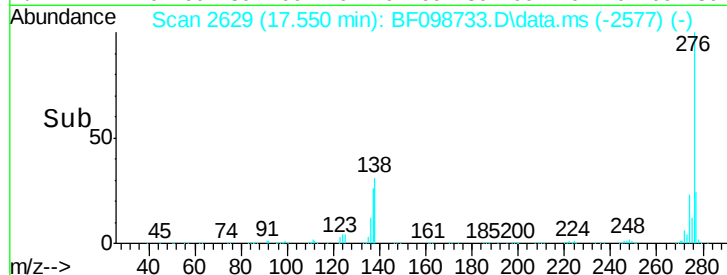
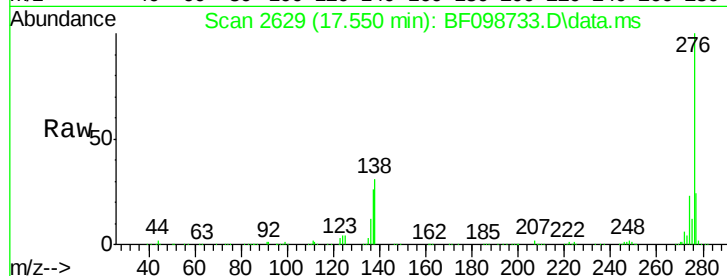
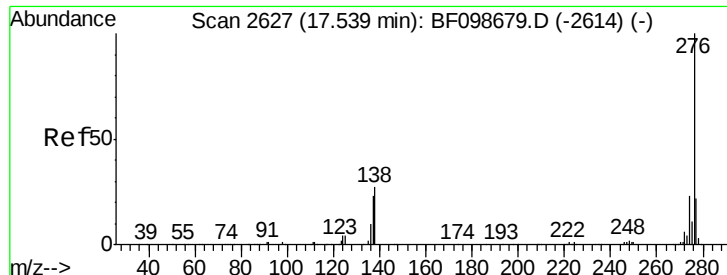
Ion Ratio Lower Upper

278 100

139 22.0 15.9 23.9

279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 50.83 ng

RT: 17.550 min Scan# 26

Delta R.T. 0.006 min

Lab File: BF098733.D

Acq: 23 Sep 2017 12:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 703804

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 31.1 21.8 32.8

