

Data Path : Z:\HPCHEM1\BNA F\Data\BF092317\
 Data File : BF098736.D
 Acq On : 23 Sep 2017 13:46
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 14:39:55 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 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.922	152	178382	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	757115	20.00	ng	0.00
38) Acenaphthene-d10	9.963	164	345511	20.00	ng	0.00
63) Phenanthrene-d10	11.451	188	585459	20.00	ng	0.00
75) Chrysene-d12	14.086	240	411761	20.00	ng	0.00
86) Perylene-d12	15.574	264	332466	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.540	112	873428	77.95	ng	0.00
7) Phenol-d6	6.545	99	1091816	78.98	ng	0.00
23) Nitrobenzene-d5	7.486	82	948964	80.38	ng	0.00
41) 2,4,6-Tribromophenol	10.751	330	224647	79.46	ng	0.00
44) 2-Fluorobiphenyl	9.280	172	1667645	80.58	ng	0.00
78) Terphenyl-d14	13.033	244	1458707	80.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.757	88	204731	38.25	ng	99
3) Pyridine	3.534	79	577266	39.87	ng	98
4) n-Nitrosodimethylamine	3.493	42	240862	39.23	ng	# 95
6) Aniline	6.587	93	735038	39.40	ng	100
8) 2-Chlorophenol	6.710	128	498694	39.30	ng	98
9) Benzaldehyde	6.475	77	309739	38.63	ng	99
10) Phenol	6.557	94	603085	39.01	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	483721	40.25	ng	97
12) 1,3-Dichlorobenzene	6.863	146	526808	39.64	ng	99
13) 1,4-Dichlorobenzene	6.939	146	534889	39.56	ng	99
14) 1,2-Dichlorobenzene	7.098	146	490625	39.27	ng	97
15) Benzyl Alcohol	7.063	79	403803	39.82	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	754827	40.31	ng	98
17) 2-Methylphenol	7.169	107	407256	39.22	ng	99
18) Hexachloroethane	7.439	117	194059	39.93	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	346016	39.21	ng	97
20) 3+4-Methylphenols	7.322	107	515212	39.22	ng	93
22) Acetophenone	7.334	105	704761	38.42	ng	98
24) Nitrobenzene	7.504	77	533023	39.80	ng	98
25) Isophorone	7.745	82	966807	39.61	ng	99
26) 2-Nitrophenol	7.822	139	272097	42.25	ng	92
27) 2,4-Dimethylphenol	7.851	122	475206	39.07	ng	96
28) bis(2-Chloroethoxy)met...	7.951	93	607175	39.92	ng	100
29) 2,4-Dichlorophenol	8.057	162	414127	39.66	ng	98
30) 1,2,4-Trichlorobenzene	8.145	180	418539	40.08	ng	100
31) Naphthalene	8.228	128	1385335	38.96	ng	100
32) Benzoic acid	7.981	122	415107	41.55	ng	97
33) 4-Chloroaniline	8.275	127	571286	38.47	ng	98
34) Hexachlorobutadiene	8.345	225	215552	40.07	ng	100
35) Caprolactam	8.657	113	127575	38.09	ng	99
36) 4-Chloro-3-methylphenol	8.745	107	459234	39.13	ng	98
37) 2-Methylnaphthalene	8.916	142	908663	39.31	ng	98
39) 1,2,4,5-Tetrachloroben...	9.080	216	403170	39.13	ng	99
40) Hexachlorocyclopentadiene	9.069	237	196830	41.80	ng	98

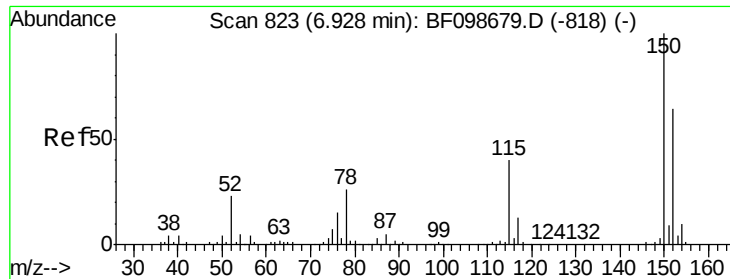
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.192	196	288258	39.49	nq	98
43) 2,4,5-Trichlorophenol	9.228	196	291013	39.94	nq	99
45) 1,1'-Biphenyl	9.380	154	1155426	38.91	nq	99
46) 2-Chloronaphthalene	9.410	162	869248	38.99	nq	98
47) 2-Nitroaniline	9.498	65	276640	40.52	nq	95
48) Acenaphthylene	9.827	152	1316655	38.58	nq	99
49) Dimethylphthalate	9.680	163	1019660	39.10	nq	100
50) 2,6-Dinitrotoluene	9.745	165	228137	40.18	nq	94
51) Acenaphthene	9.998	154	840971	38.90	nq	100
52) 3-Nitroaniline	9.916	138	261254	39.47	nq	92
53) 2,4-Dinitrophenol	10.016	184	109319	40.12	nq	93
54) Dibenzofuran	10.169	168	1105286	38.40	nq	97
55) 4-Nitrophenol	10.057	139	225404	40.27	nq	98
56) 2,4-Dinitrotoluene	10.145	165	300551	40.79	nq	97
57) Fluorene	10.510	166	882278	38.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.280	232	195968	38.93	nq	95
59) Diethylphthalate	10.380	149	990023	38.85	nq	98
60) 4-Chlorophenyl-phenyle...	10.498	204	398130	38.31	nq	98
61) 4-Nitroaniline	10.527	138	251352	39.36	nq	96
62) Azobenzene	10.663	77	913232	38.98	nq	97
64) 4,6-Dinitro-2-methylph...	10.551	198	153628	43.13	nq	98
65) n-Nitrosodiphenylamine	10.622	169	801011	39.49	nq	100
66) 4-Bromophenyl-phenylether	10.992	248	229906	40.12	nq	95
67) Hexachlorobenzene	11.057	284	247177	40.38	nq	98
68) Atrazine	11.145	200	234977	38.51	nq	99
69) Pentachlorophenol	11.245	266	159761	41.94	nq	99
70) Phenanthrene	11.474	178	1210966	38.64	nq	99
71) Anthracene	11.527	178	1249293	38.96	nq	100
72) Carbazole	11.680	167	1217390	38.77	nq	99
73) Di-n-butylphthalate	12.004	149	1486178	39.32	nq	99
74) Fluoranthene	12.663	202	1215572	38.31	nq	98
76) Benzidine	12.780	184	593448	38.97	nq	# 95
77) Pyrene	12.892	202	1243821	39.61	nq	99
79) Butylbenzylphthalate	13.504	149	610586	41.38	nq	95
80) Benzo(a)anthracene	14.074	228	994060	39.87	nq	100
81) 3,3'-Dichlorobenzidine	14.039	252	358394	39.21	nq	98
82) Chrysene	14.115	228	938402	39.53	nq	99
83) Bis(2-ethylhexyl)phtha...	14.057	149	835094	41.10	nq	# 99
84) Di-n-octyl phthalate	14.674	149	1340427	40.97	nq	98
85) Indeno(1,2,3-cd)pyrene	17.086	276	716033	37.71	nq	96
87) Benzo(b)fluoranthene	15.139	252	816656	39.95	nq	97
88) Benzo(k)fluoranthene	15.168	252	818838	40.56	nq	99
89) Benzo(a)pyrene	15.515	252	748918	39.91	nq	96
90) Dibenzo(a,h)anthracene	17.103	278	587249	39.11	nq	97
91) Benzo(g,h,i)perylene	17.551	276	575612	38.78	nq	99

(#) = 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: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

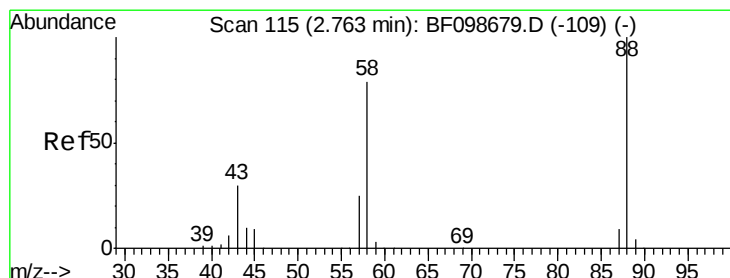
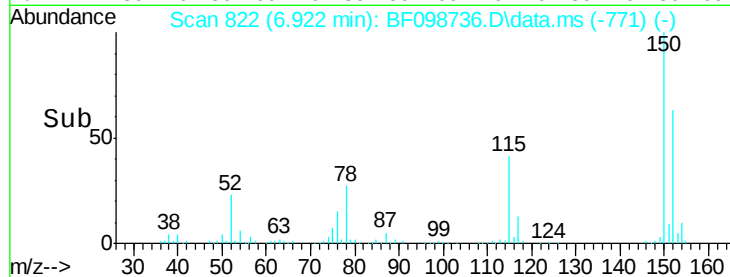
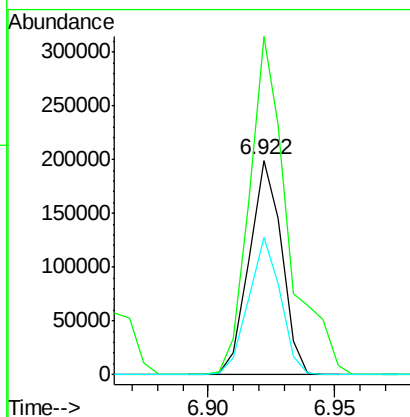
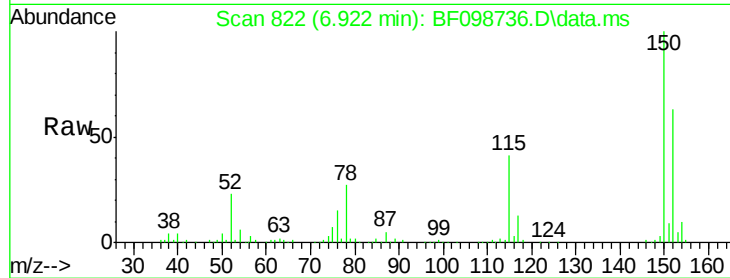
Tot Ion:152 Resp: 178382

Ion Ratio Lower Upper

152 100

150 157.8 124.6 186.8

115 64.1 50.1 75.1



#2

1,4-Dioxane

Concen: 38.25 ng

RT: 2.757 min Scan# 114

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

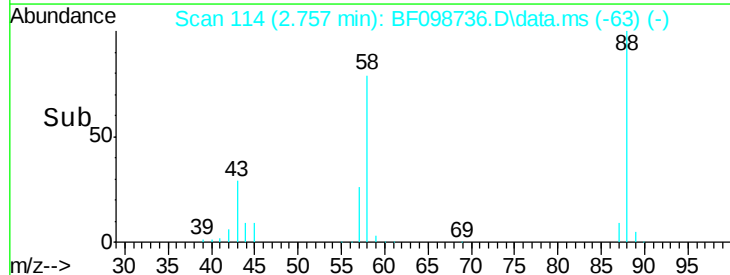
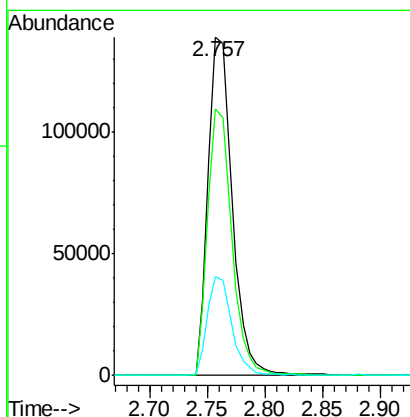
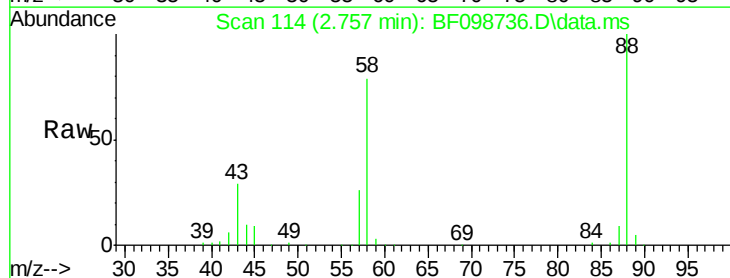
Tgt Ion: 88 Resp: 204731

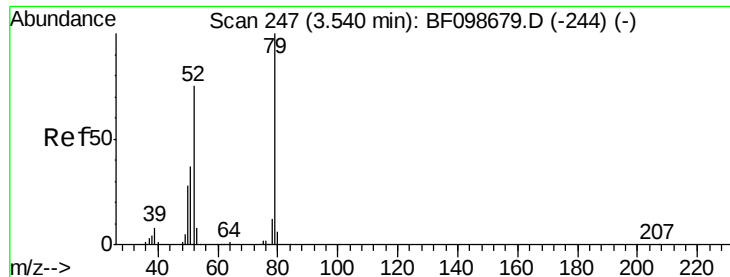
Ion Ratio Lower Upper

88 100

58 78.7 62.6 93.8

43 29.3 24.6 37.0



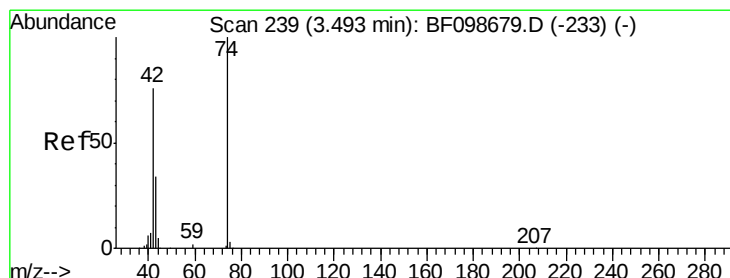
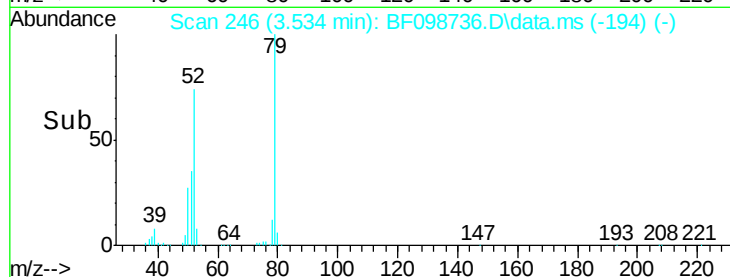
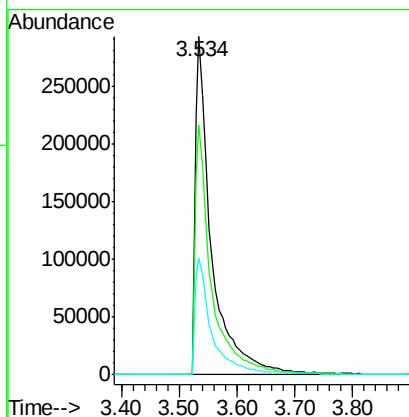
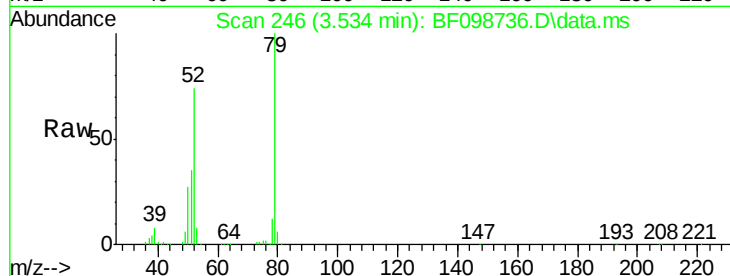


#3
Pvridine
Concen: 39.87 ng
RT: 3.534 min Scan# 247
Delta R.T. 0.006 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 577266

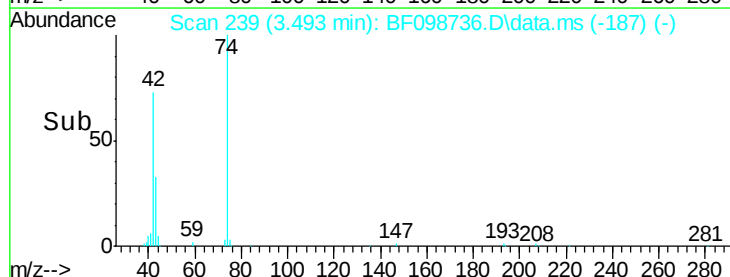
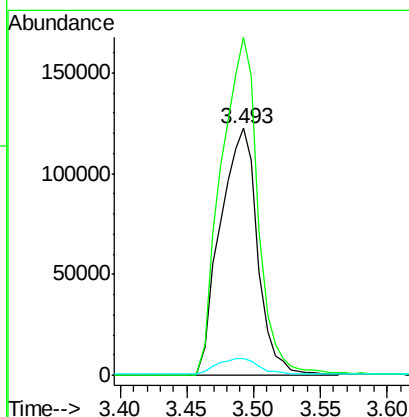
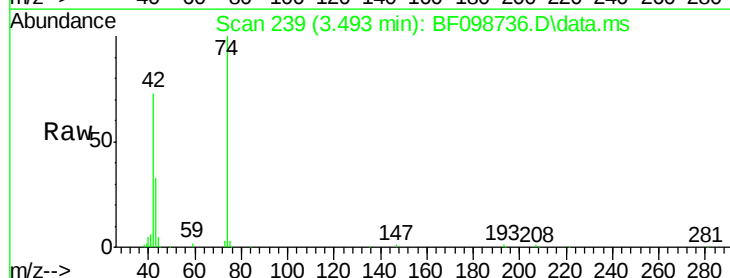
Ion	Ratio	Lower	Upper
79	100		
52	73.7	59.8	89.6
51	34.6	29.8	44.8

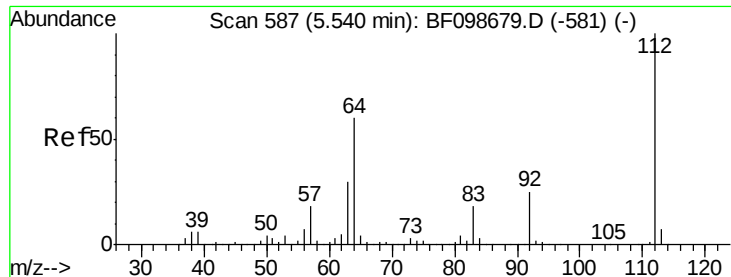


#4
n-Nitrosodimethylamine
Concen: 39.23 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion: 42 Resp: 240862

Ion	Ratio	Lower	Upper
42	100		
74	137.1	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 77.95 ng

RT: 5.540 min Scan# 58

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

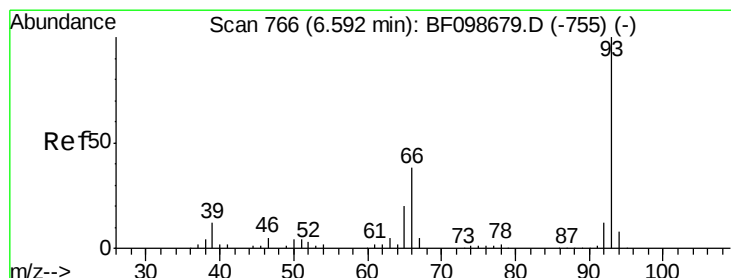
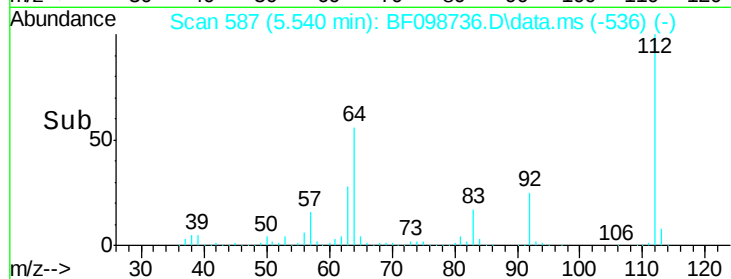
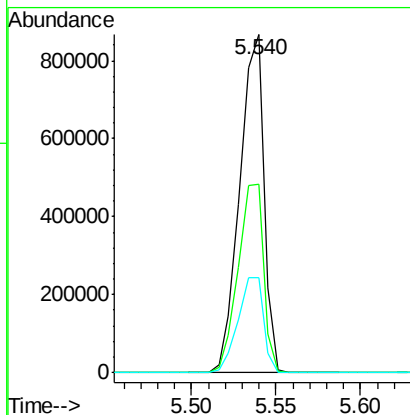
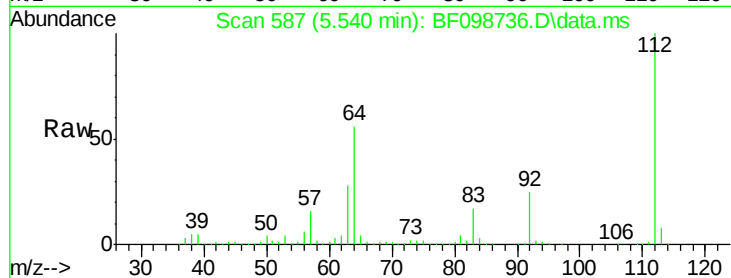
Tot Ion:112 Resp: 873428

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

63 27.9 23.7 35.5



#6

Aniline

Concen: 39.40 ng

RT: 6.587 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

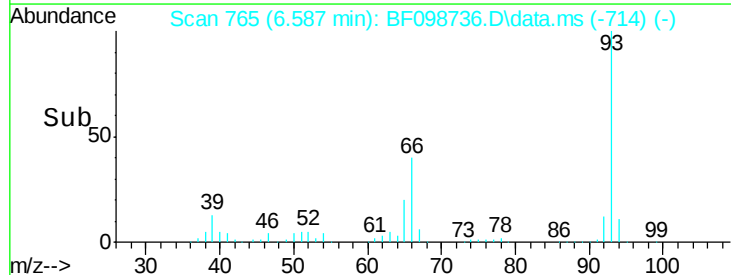
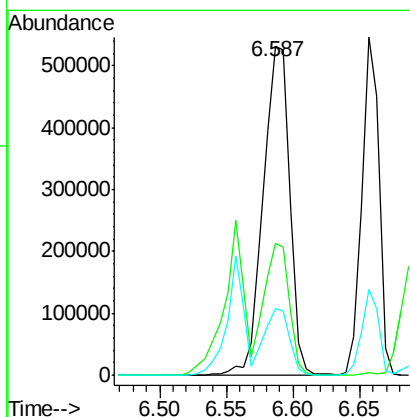
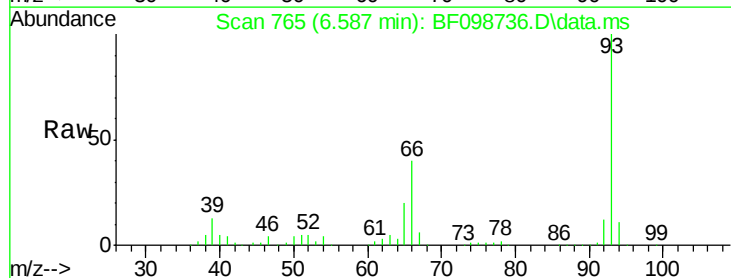
Tgt Ion: 93 Resp: 735038

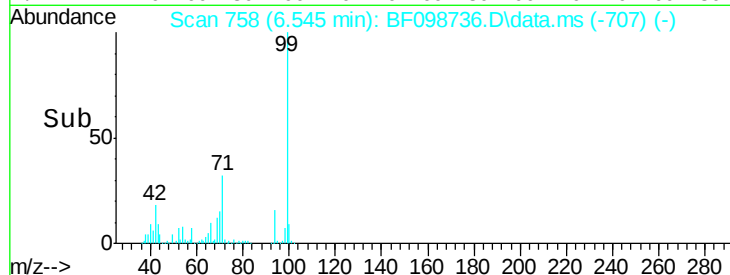
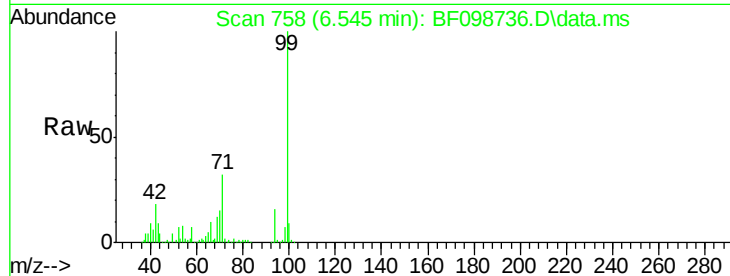
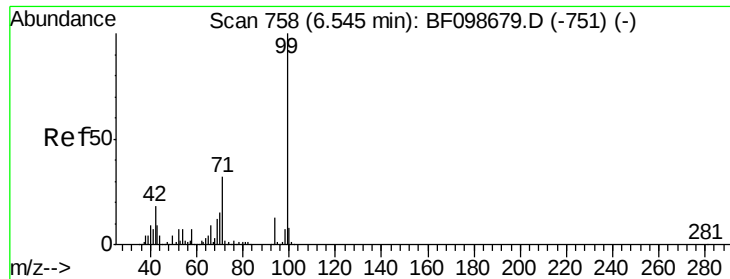
Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 78.98 ng

RT: 6.545 min Scan# 75

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

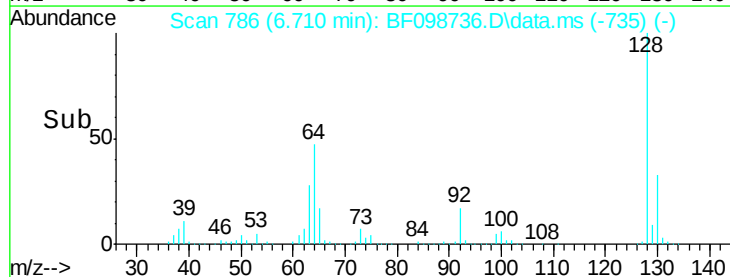
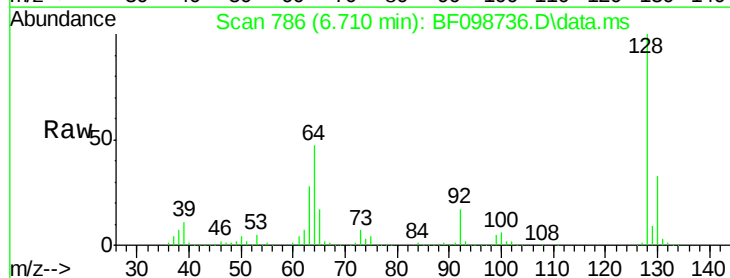
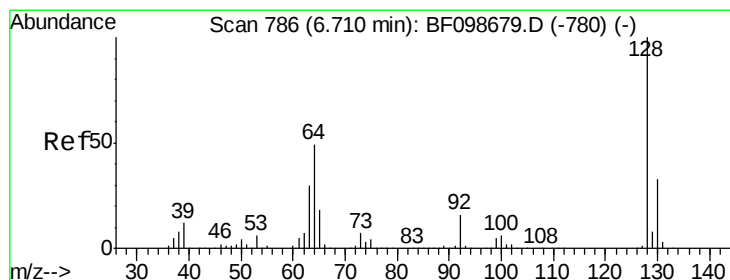
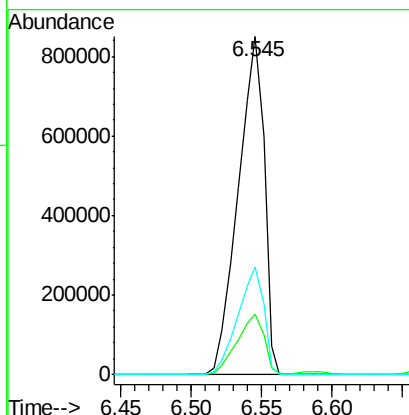
Tot Ion: 99 Resp: 1091816

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 31.7 25.4 38.0



#8

2-Chlorophenol

Concen: 39.30 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

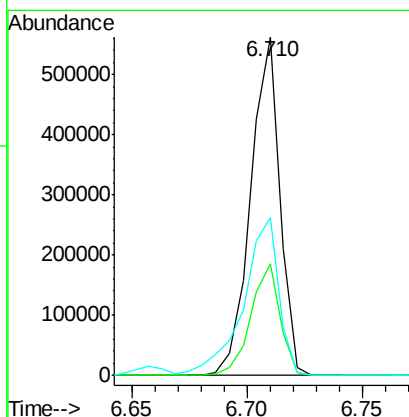
Tgt Ion: 128 Resp: 498694

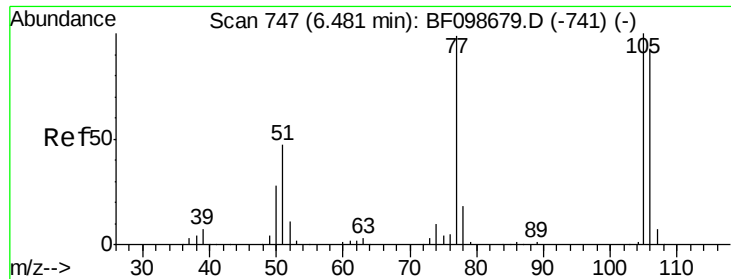
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 46.8 29.4 69.4

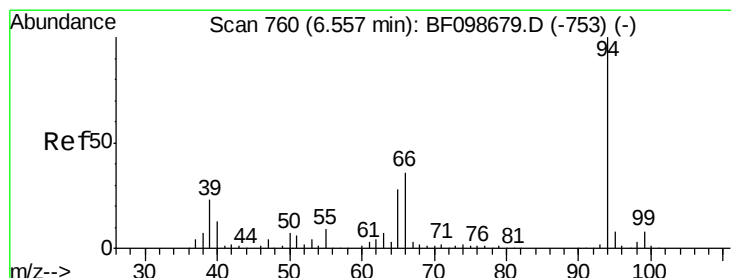
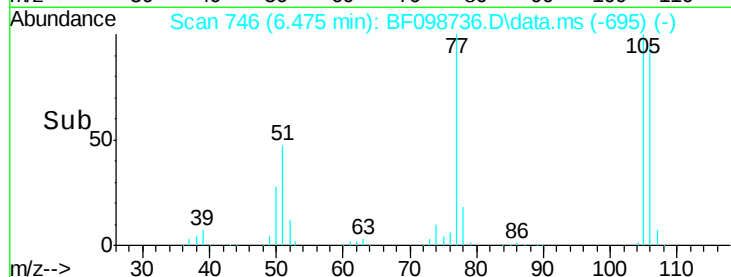
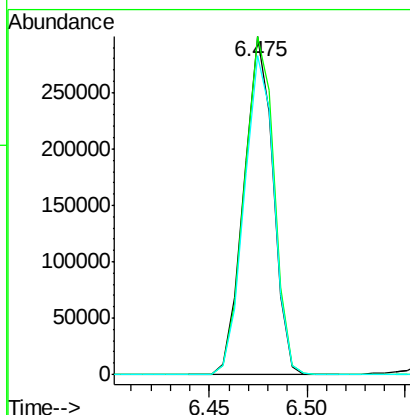
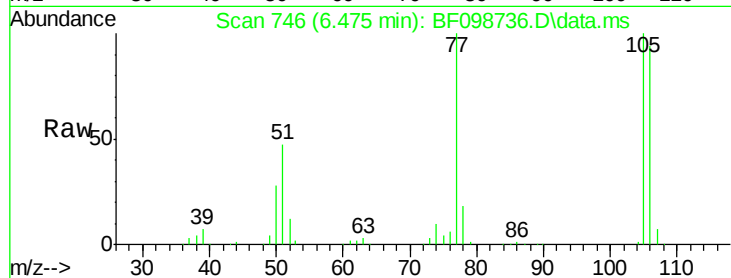




#9
Benzaldehyde
Concen: 38.63 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.001 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

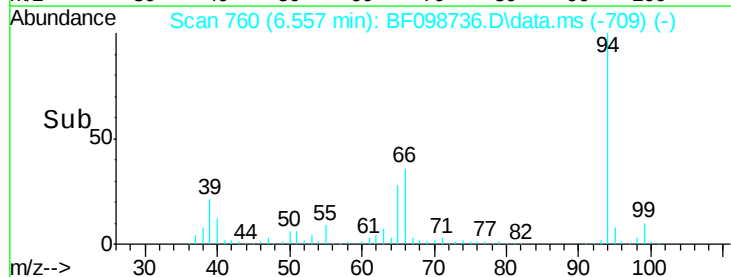
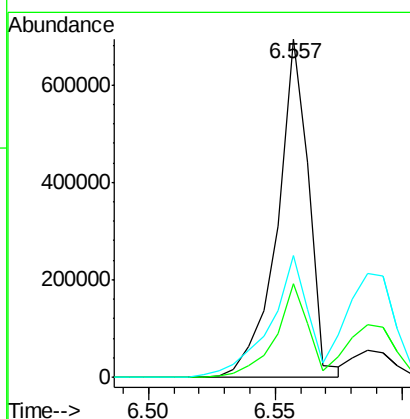
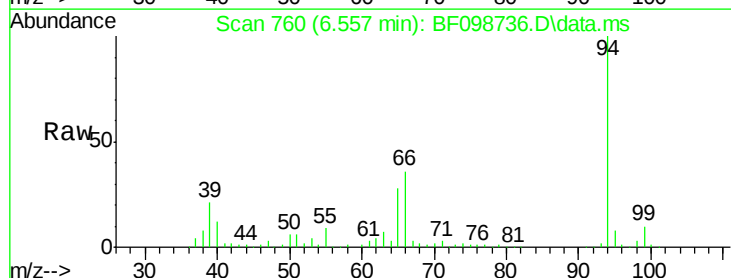
Instrument :
BNA_F
ClientSampleId :

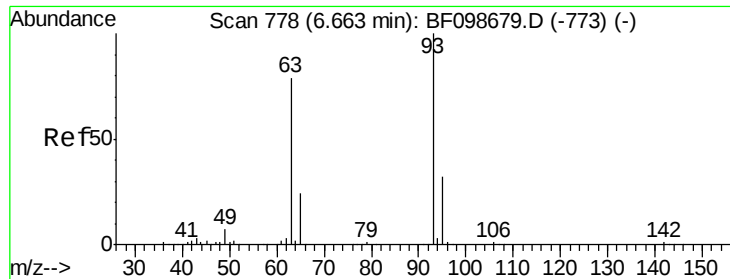
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.0	81.1	121.1
106	94.4	74.5	114.5



#10
Phenol
Concen: 39.01 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	36.2	16.2	56.2

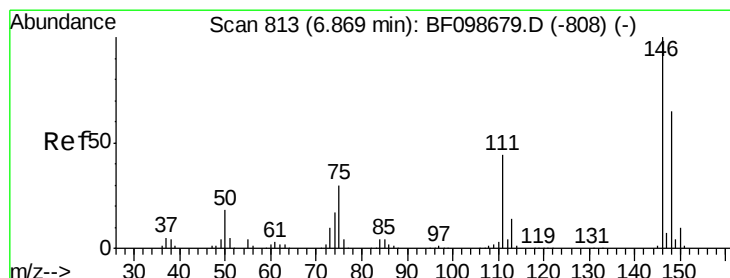
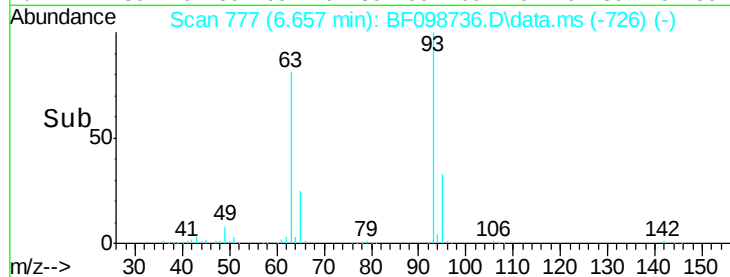
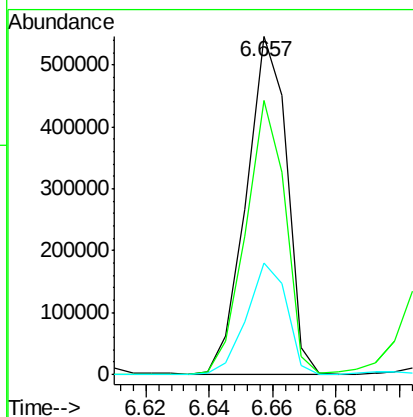
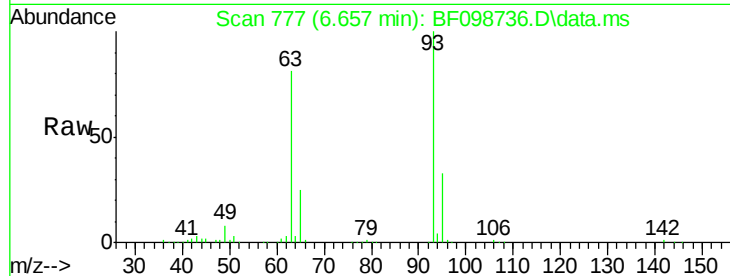




#11
bis(2-Chloroethyl)ether
Concen: 40.25 ng
RT: 6.657 min Scan# 77
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

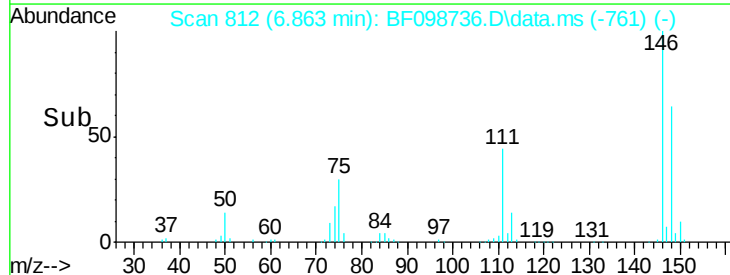
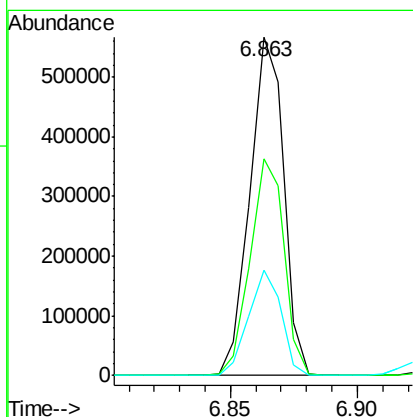
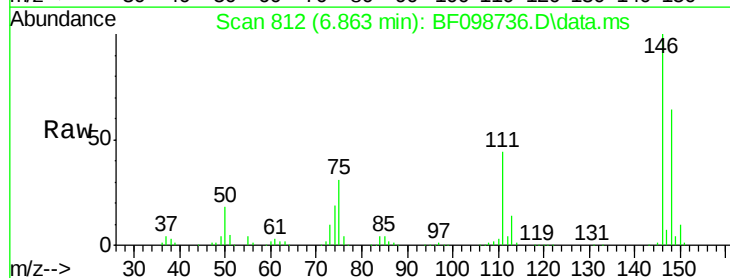
Instrument :
BNA_F
ClientSampleId :

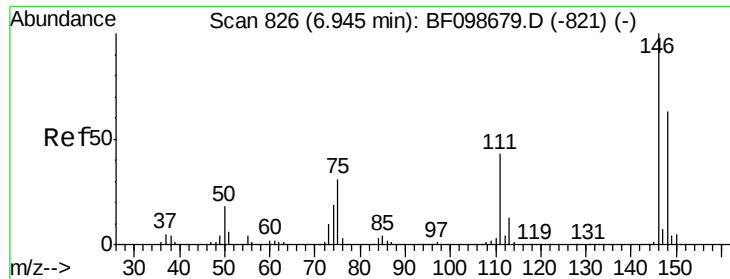
Tot Ion: 93 Resp: 483721
Ion Ratio Lower Upper
93 100
63 81.1 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.64 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion: 146 Resp: 526808
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 31.0 24.2 36.4

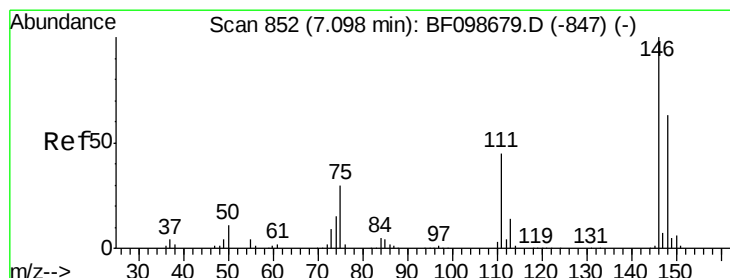
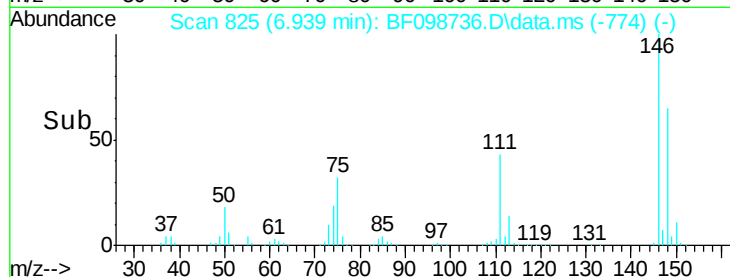
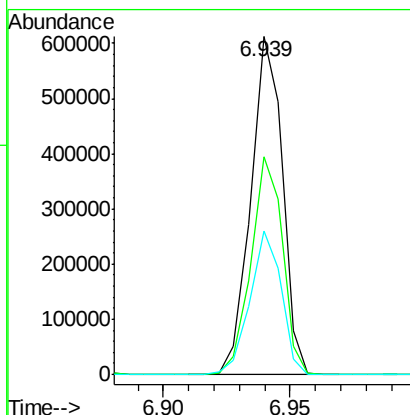
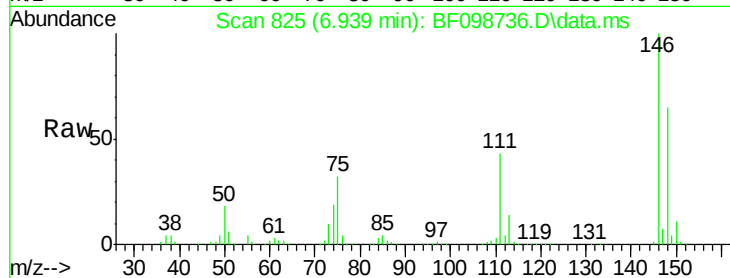




#13
 1,4-Dichlorobenzene
 Concen: 39.56 ng
 RT: 6.939 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

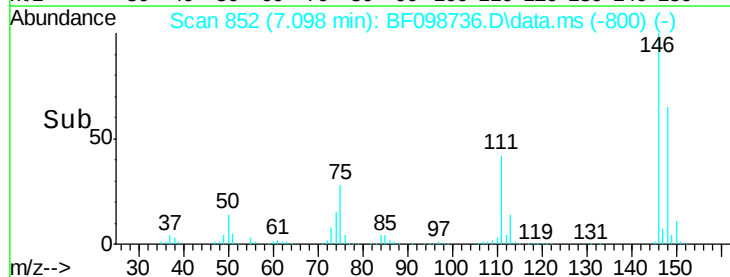
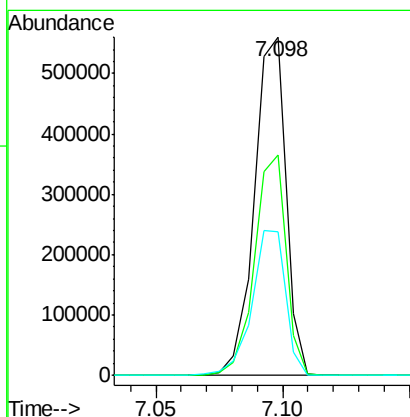
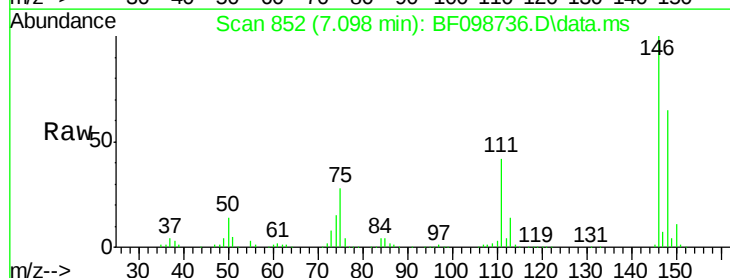
Instrument :
 BNA_F
 ClientSampleId :

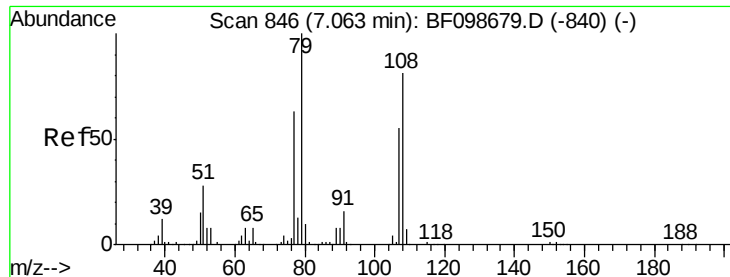
Tot Ion	146	Resp	534889
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.8	76.2
111	42.6	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.27 ng
 RT: 7.098 min Scan# 852
 Delta R.T. 0.006 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	146	Resp	490625
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.6	75.8
111	42.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.82 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

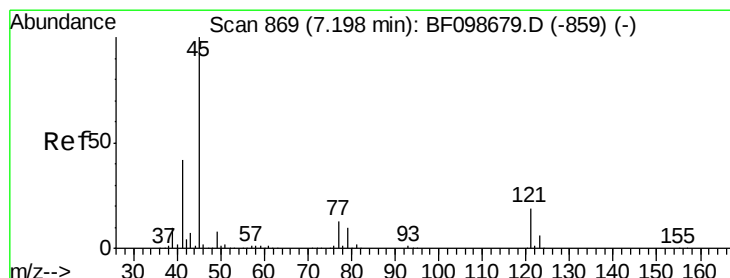
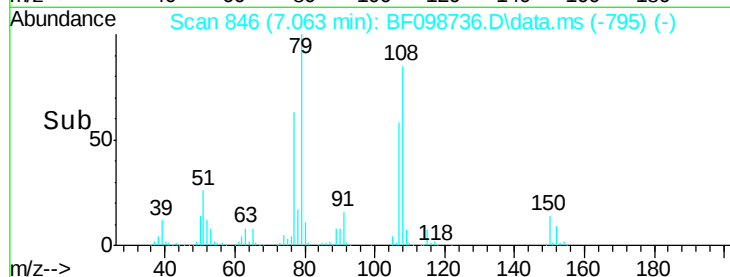
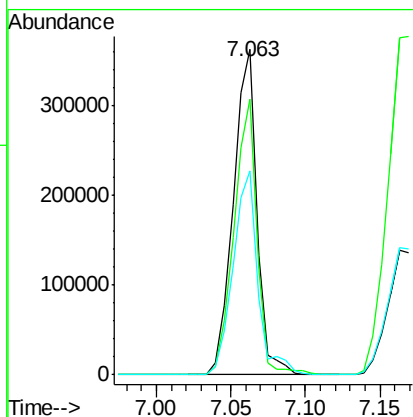
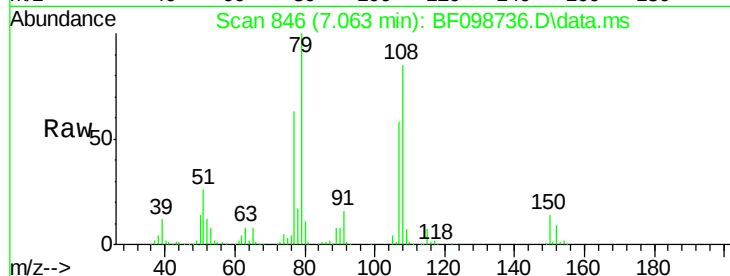
Tot Ion: 79 Resp: 403803

Ion Ratio Lower Upper

79 100

108 84.7 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.31 ng

RT: 7.198 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

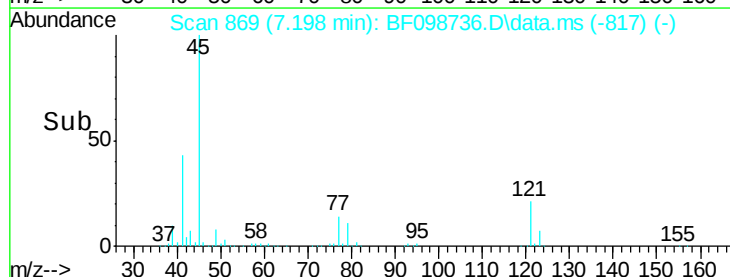
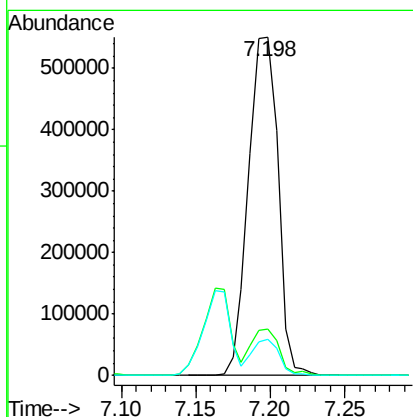
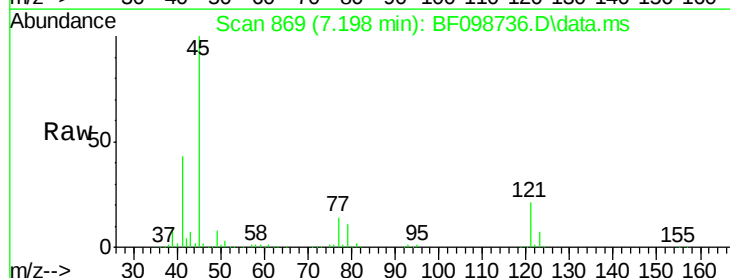
Tgt Ion: 45 Resp: 754827

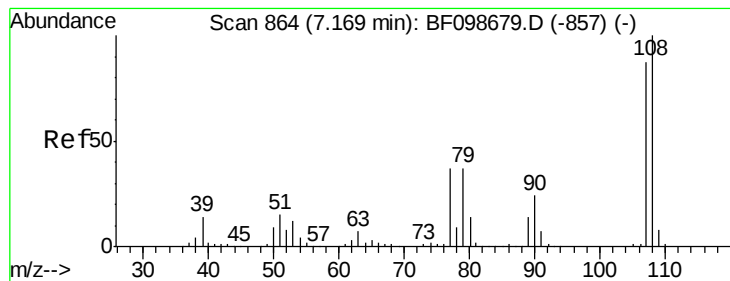
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 10.5 0.0 29.6





#17

2-Methylphenol

Concen: 39.22 ng

RT: 7.169 min Scan# 86

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 407256

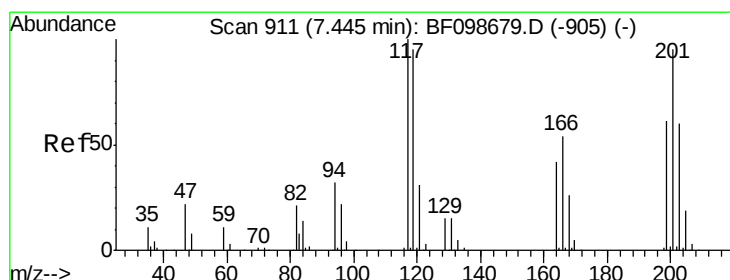
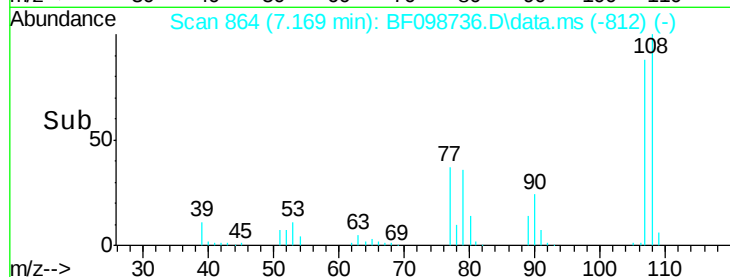
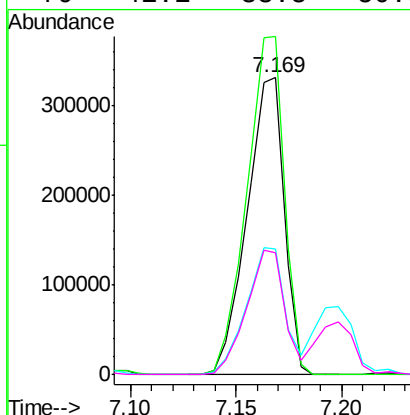
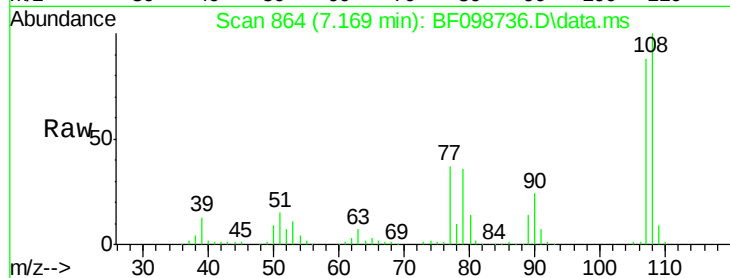
Ion Ratio Lower Upper

107 100

108 113.9 91.7 137.5

77 42.3 33.8 50.8

79 41.1 33.8 50.8



#18

Hexachloroethane

Concen: 39.93 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

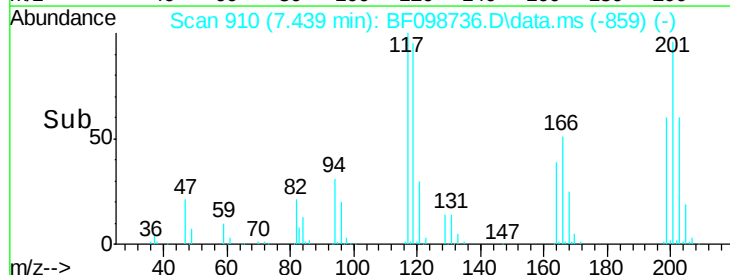
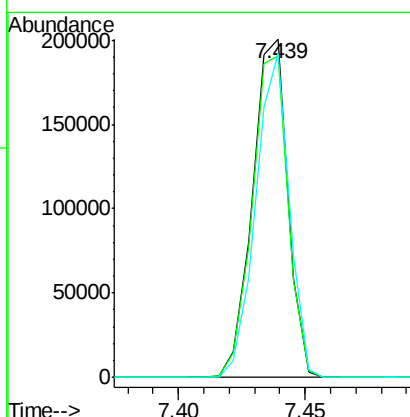
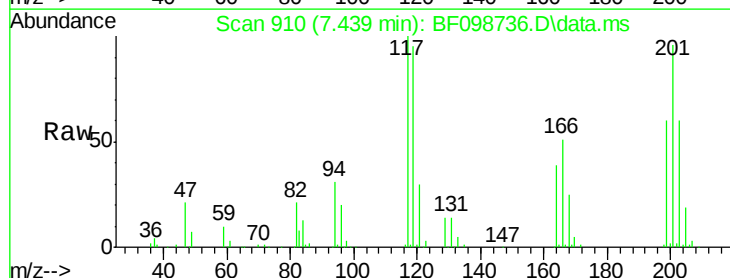
Tgt Ion:117 Resp: 194059

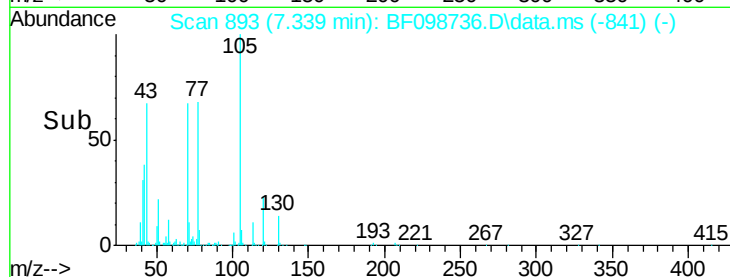
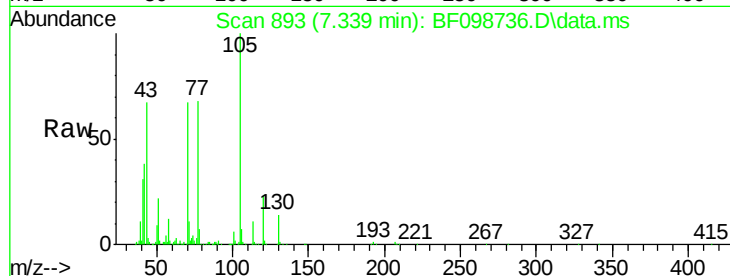
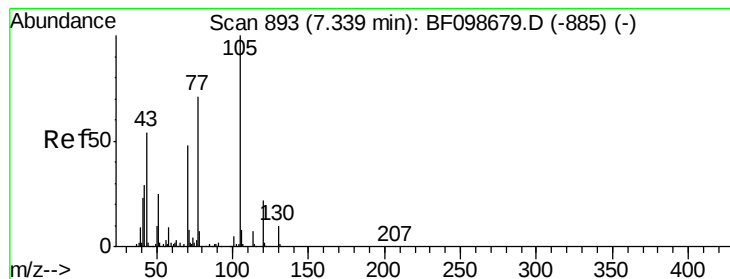
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.8

201 95.7 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.21 ng

RT: 7.339 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 346016

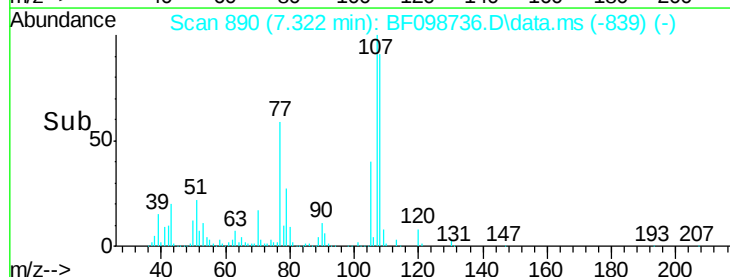
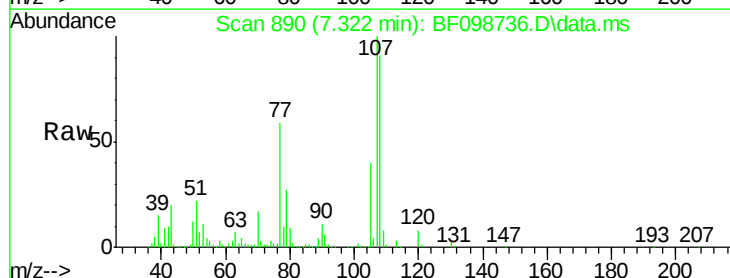
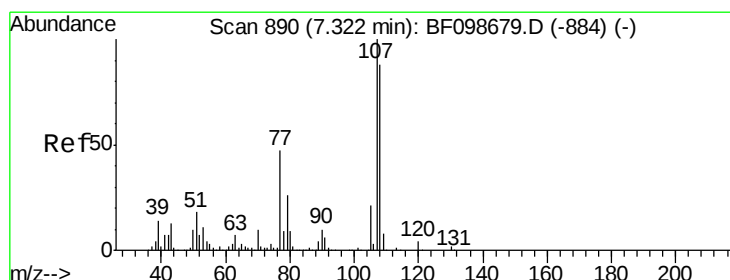
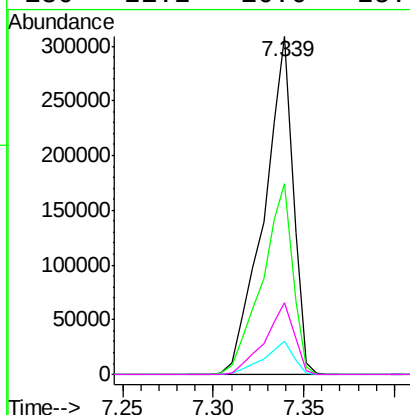
Ion Ratio Lower Upper

70 100

42 56.5 47.5 71.3

101 9.7 7.4 11.2

130 21.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.22 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Tgt Ion: 107 Resp: 515212

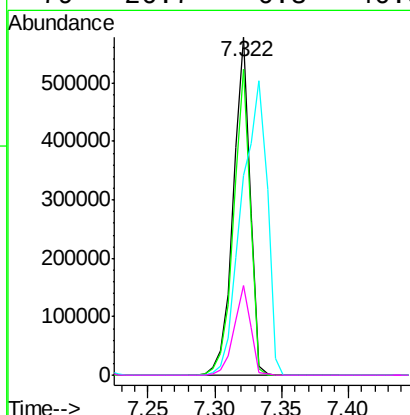
Ion Ratio Lower Upper

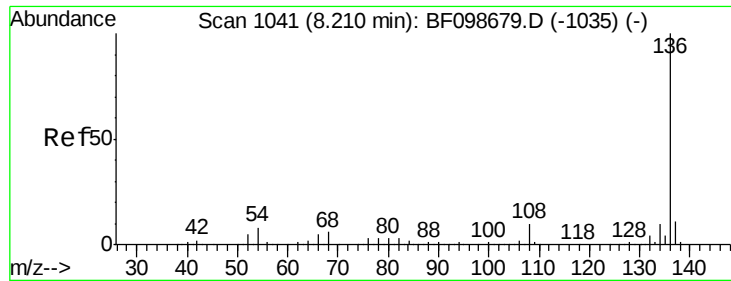
107 100

108 90.7 68.2 108.2

77 59.1 26.7 66.7

79 26.7 6.3 46.3

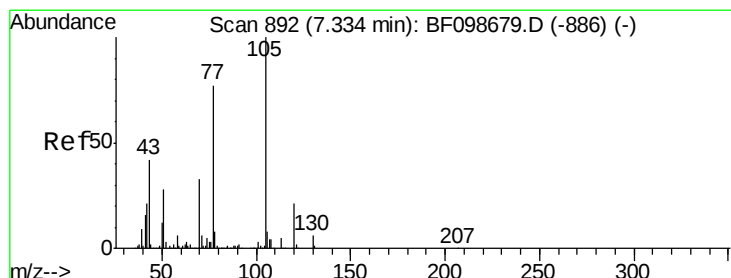
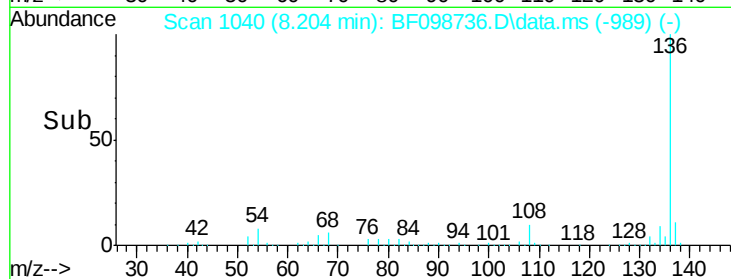
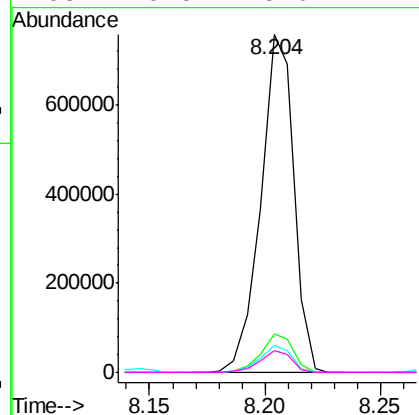
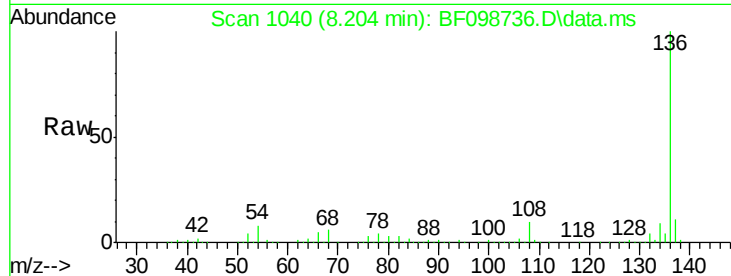




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

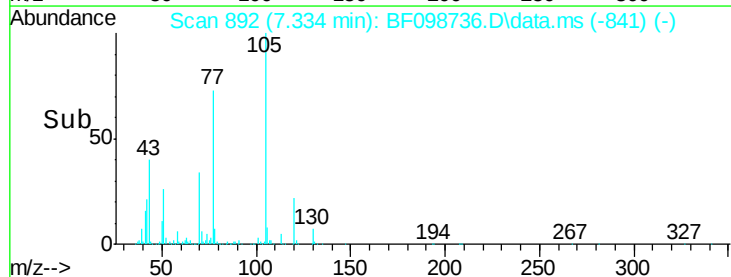
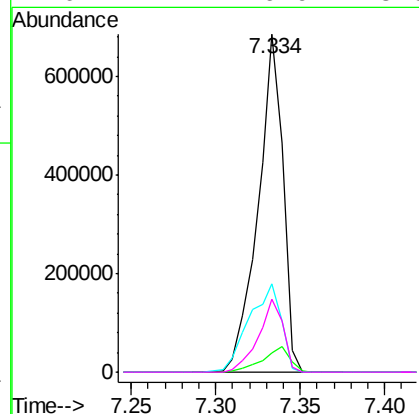
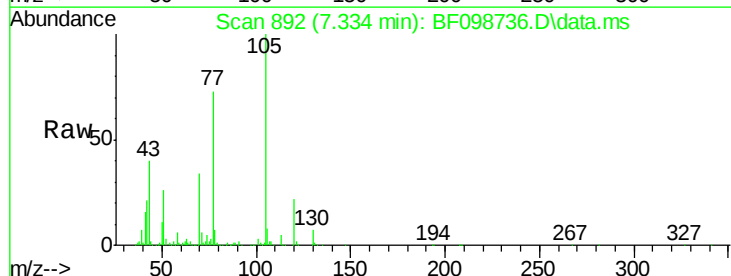
Instrument :
BNA_F
ClientSampleId :

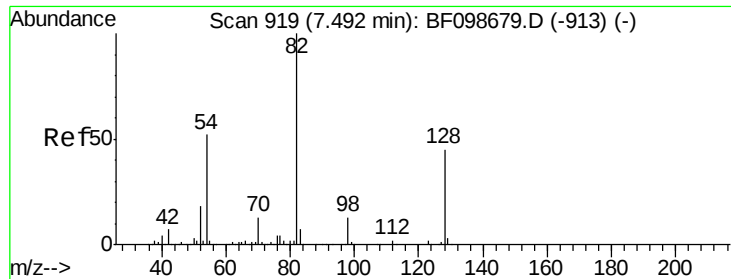
Tot Ion:	136	Resp:	757115
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.0	6.6	9.8
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 38.42 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion:	105	Resp:	704761
Ion Ratio	Lower	Upper	
105	100		
71	5.8	4.4	6.6
51	26.0	22.3	33.5
120	21.7	16.9	25.3

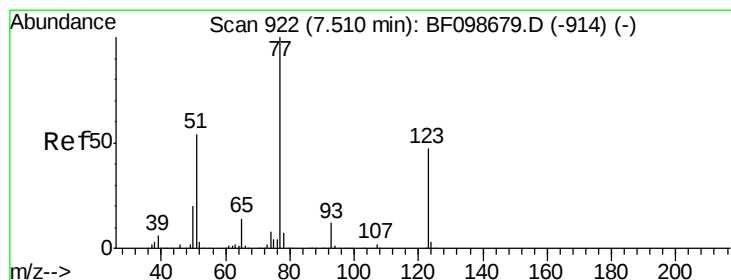
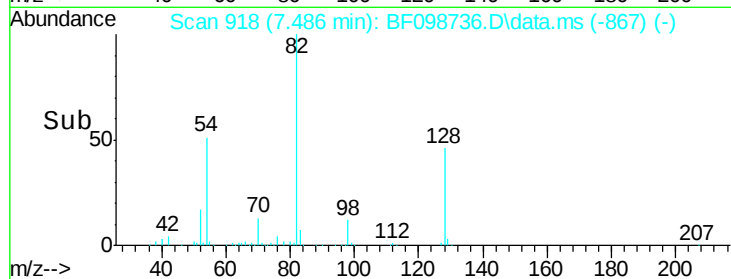
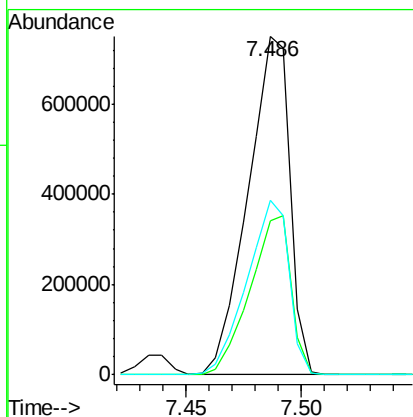
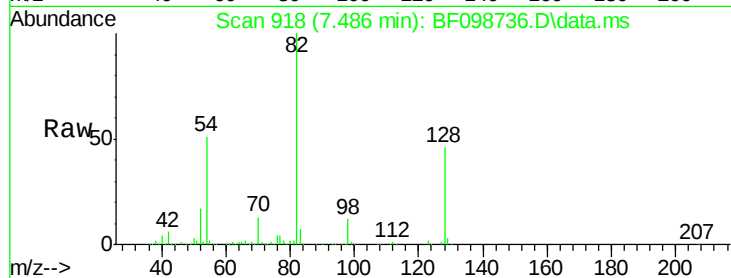




#23
 Nitrobenzene-d5
 Concen: 80.38 ng
 RT: 7.486 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

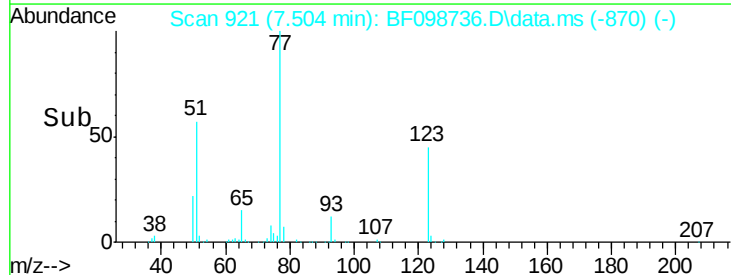
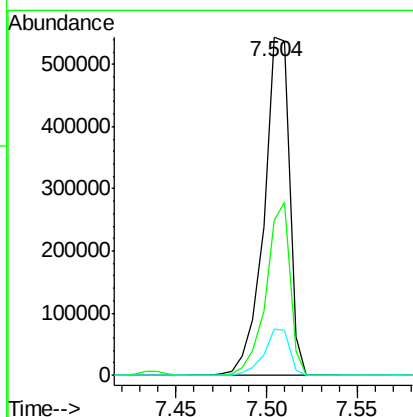
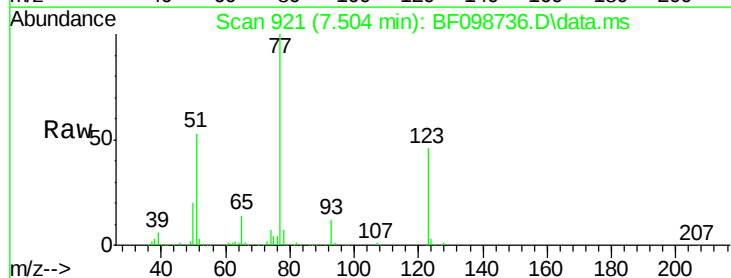
Instrument :
 BNA_F
 ClientSampleId :

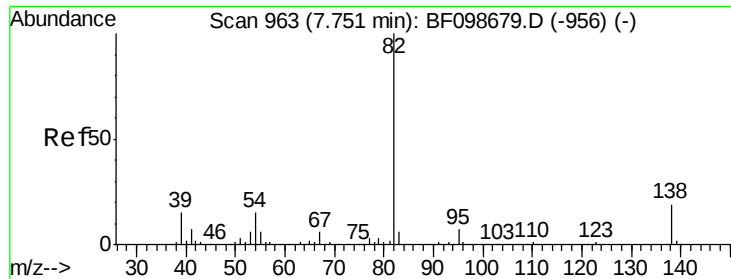
Tot Ion	82	Resp	948964
Ion Ratio	100	Lower	Upper
128	45.5	36.1	54.1
54	51.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 39.80 ng
 RT: 7.504 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	77	Resp	533023
Ion Ratio	100	Lower	Upper
123	45.8	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 39.61 ng

RT: 7.745 min Scan# 96

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

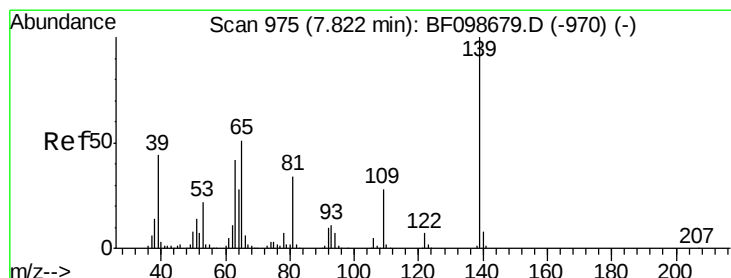
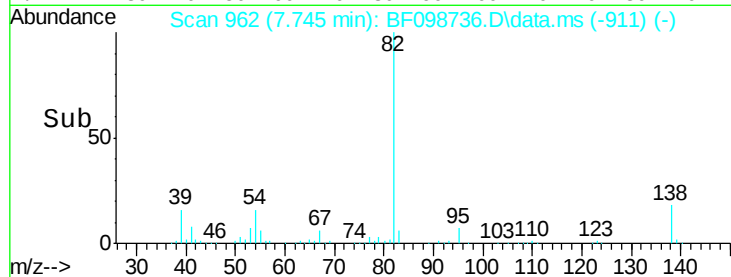
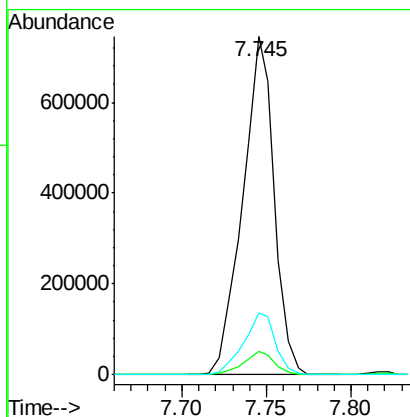
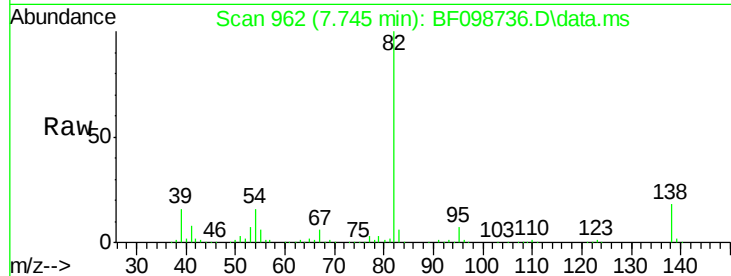
Tot Ion: 82 Resp: 966807

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 42.25 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

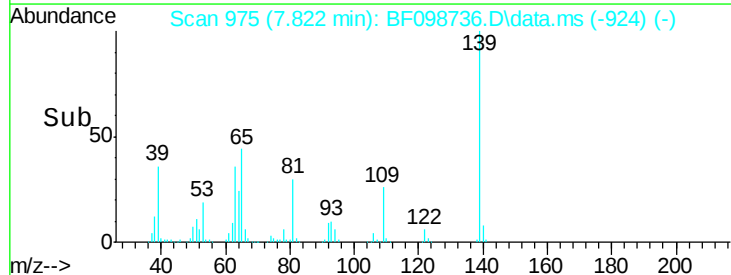
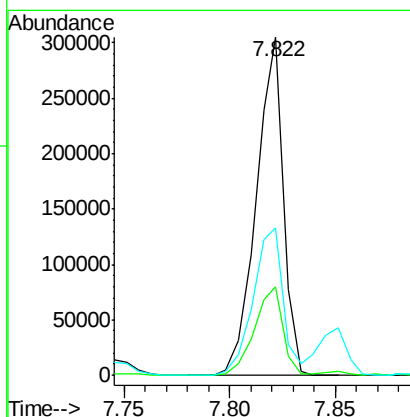
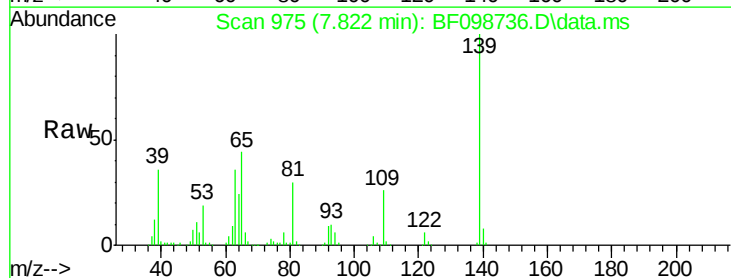
Tgt Ion: 139 Resp: 272097

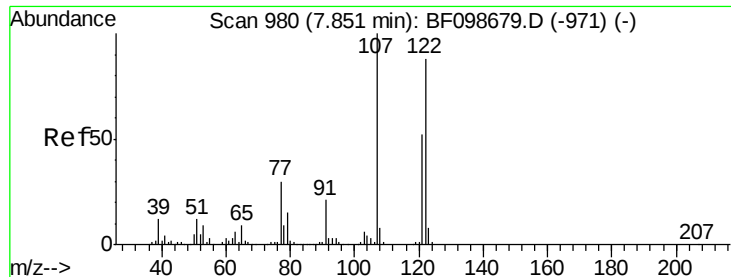
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 43.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.07 ng

RT: 7.851 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

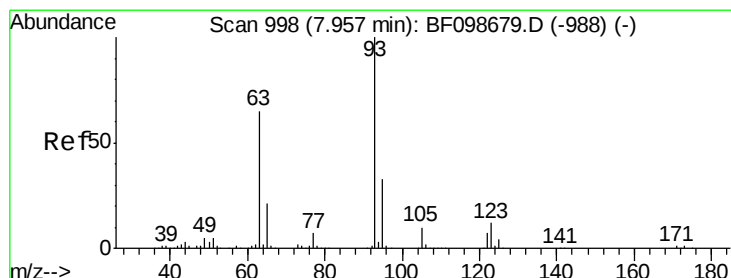
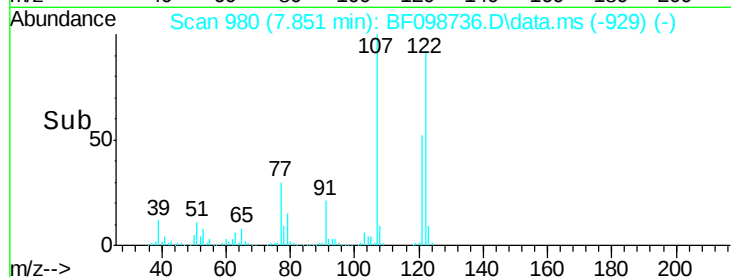
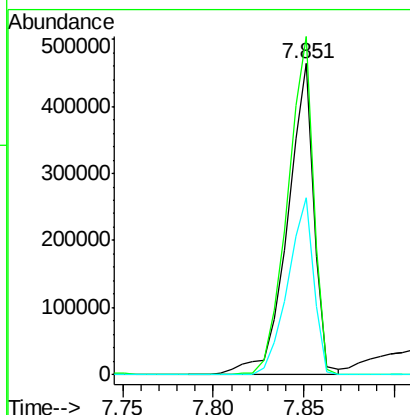
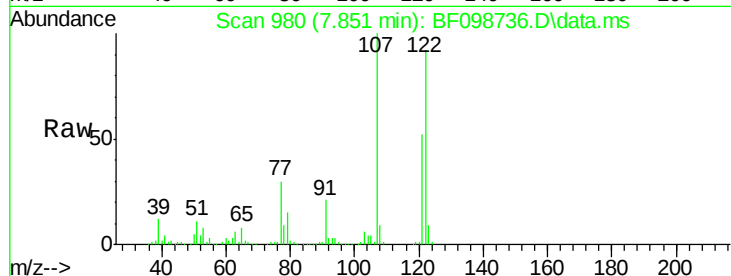
Tot Ion:122 Resp: 475206

Ion Ratio Lower Upper

122 100

107 108.8 91.2 136.8

121 57.0 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.92 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

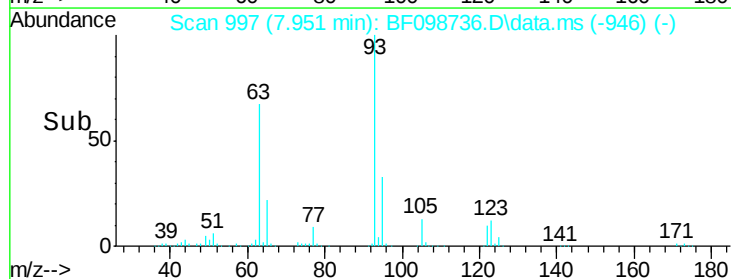
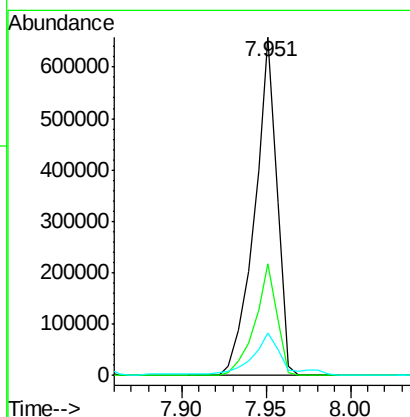
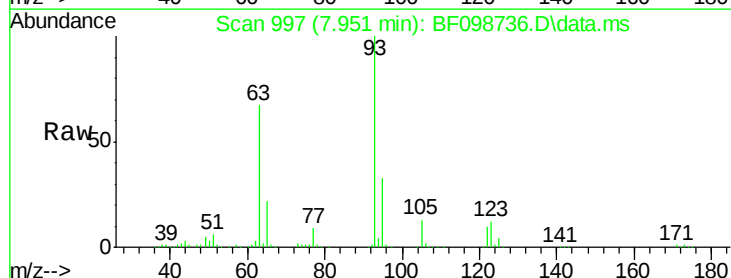
Tgt Ion: 93 Resp: 607175

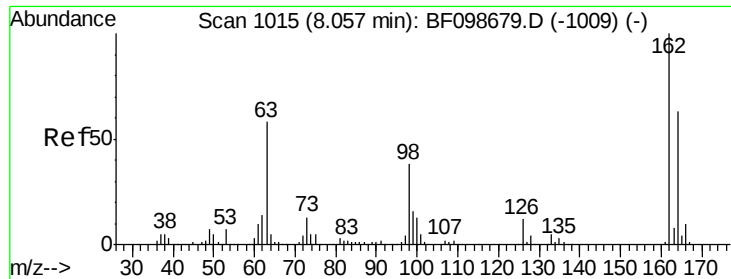
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 12.4 9.8 14.6

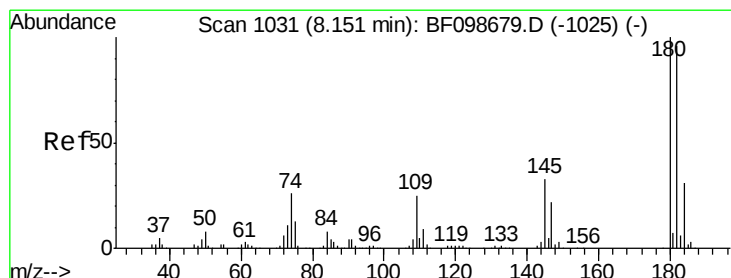
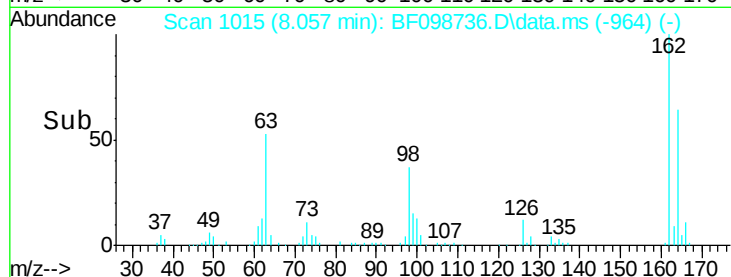
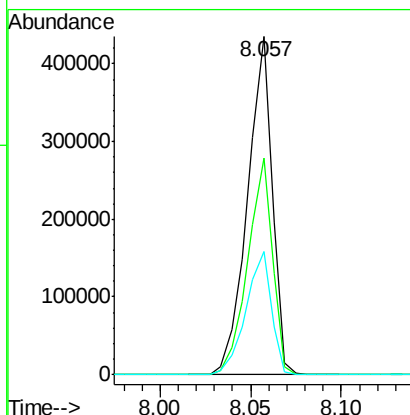
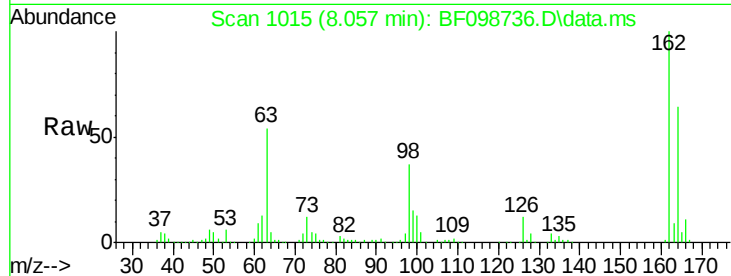




#29
 2,4-Dichlorophenol
 Concen: 39.66 ng
 RT: 8.057 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

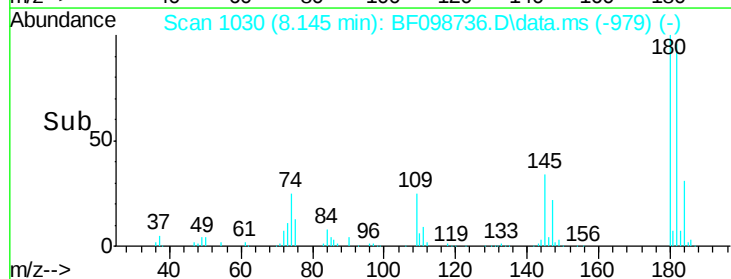
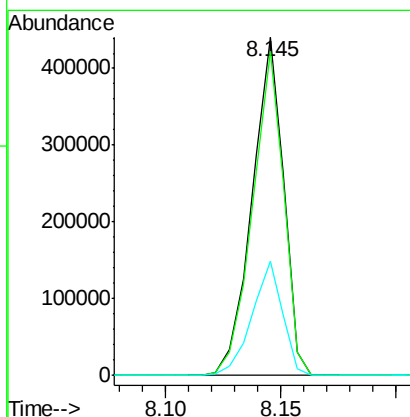
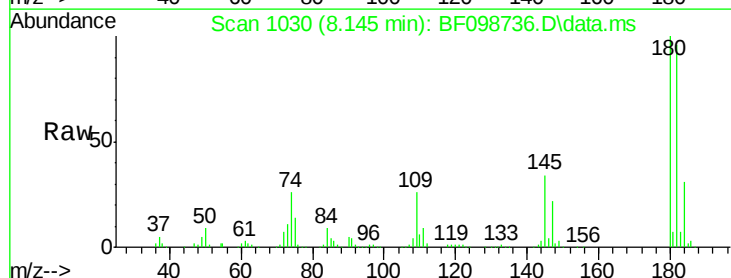
Instrument :
 BNA_F
 ClientSampleId :

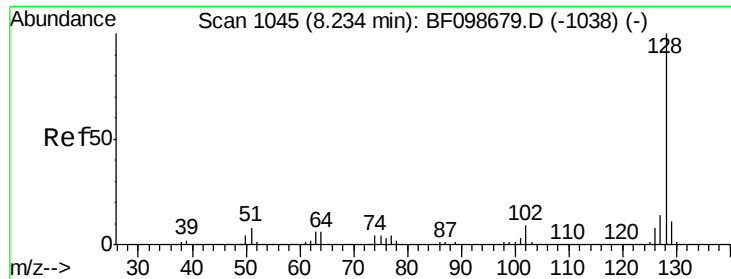
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	36.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.08 ng
 RT: 8.145 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	33.6	26.5	39.7

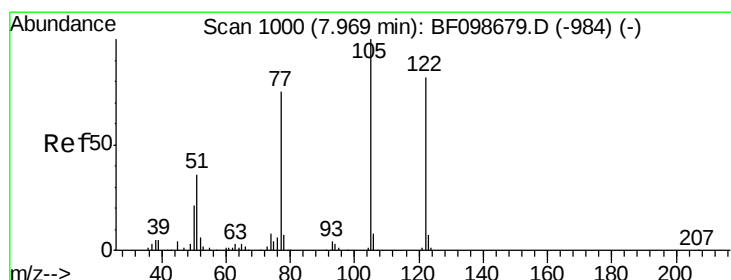
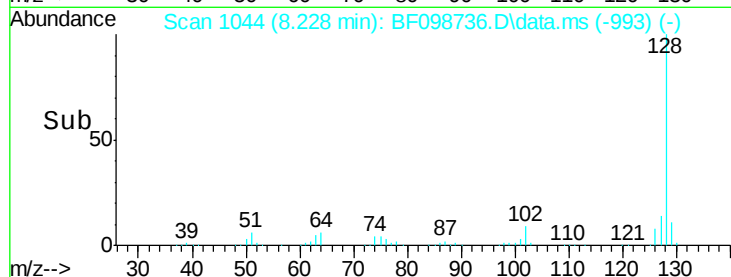
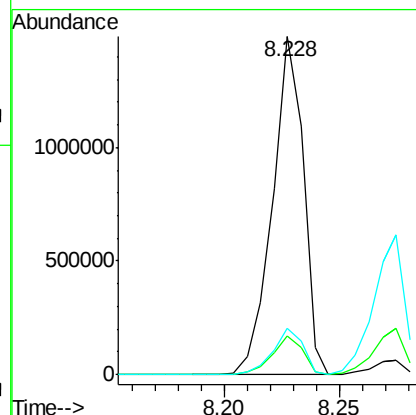
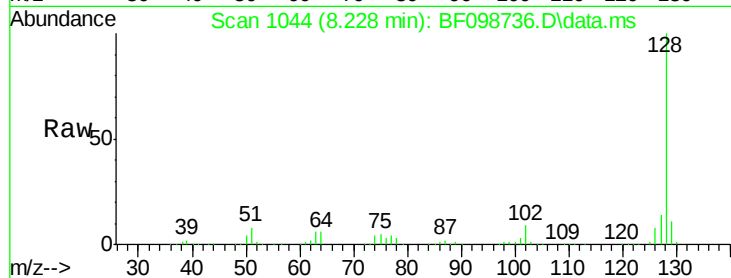




#31
Naphthalene
Concen: 38.96 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

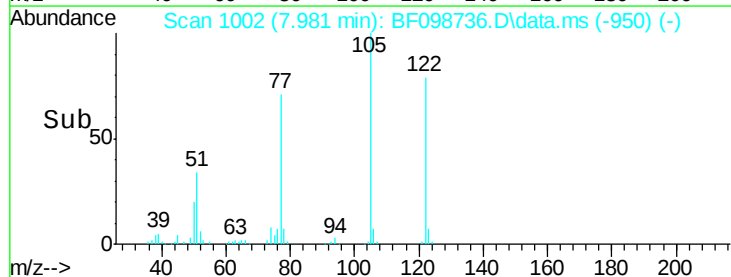
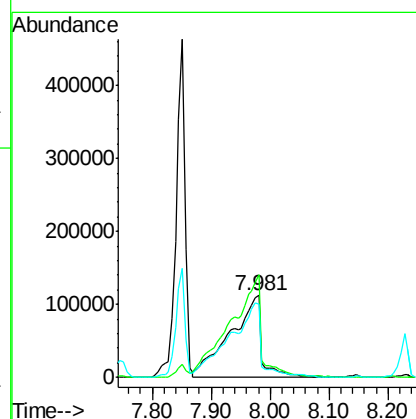
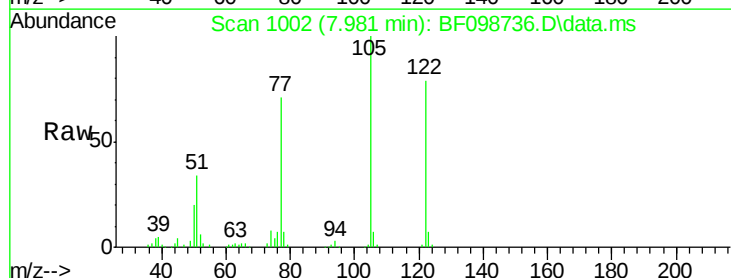
Instrument :
BNA_F
ClientSampleId :

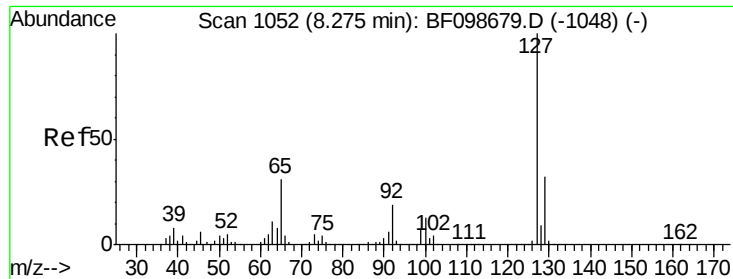
Tot Ion:128 Resp: 1385335
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 41.55 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion:122 Resp: 415107
Ion Ratio Lower Upper
122 100
105 126.0 101.1 141.1
77 89.7 70.7 110.7

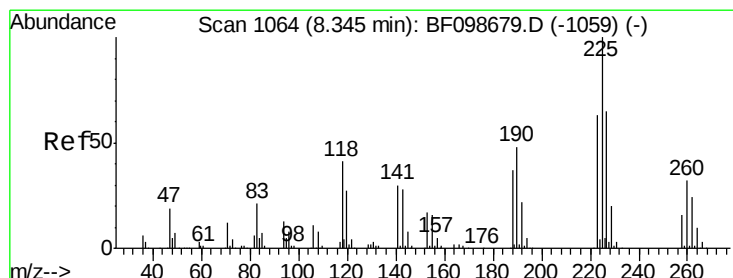
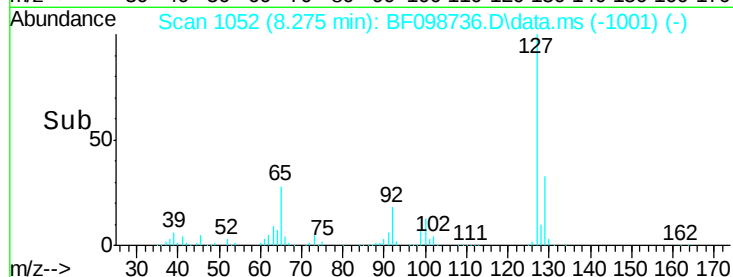
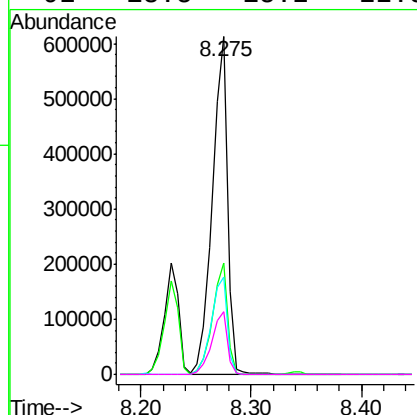
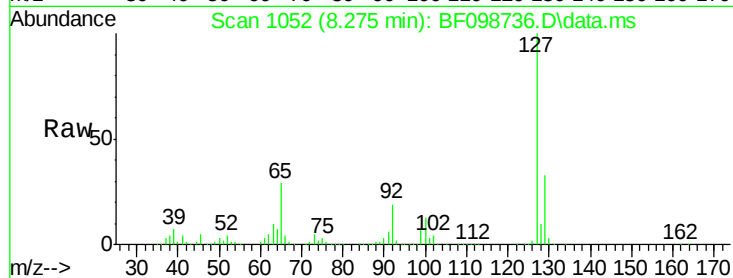




#33
4-Chloroaniline
Concen: 38.47 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

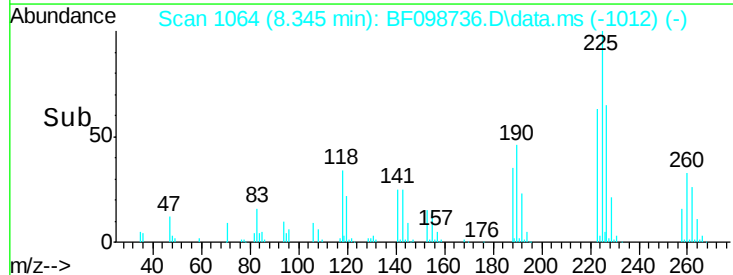
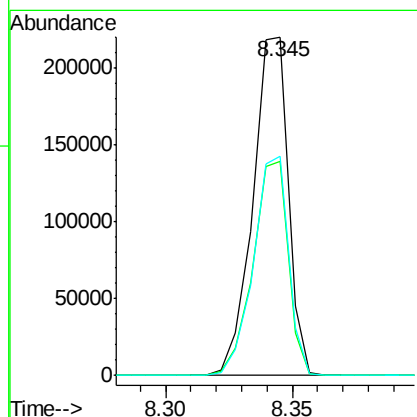
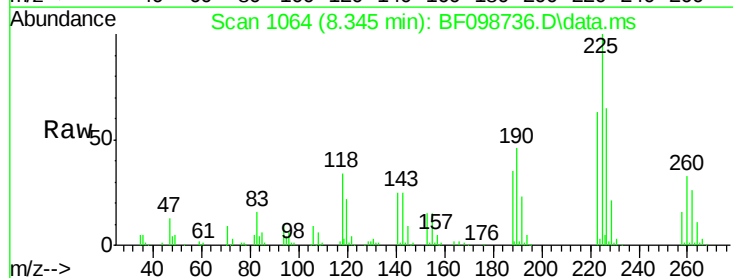
Instrument :
BNA_F
ClientSampleId :

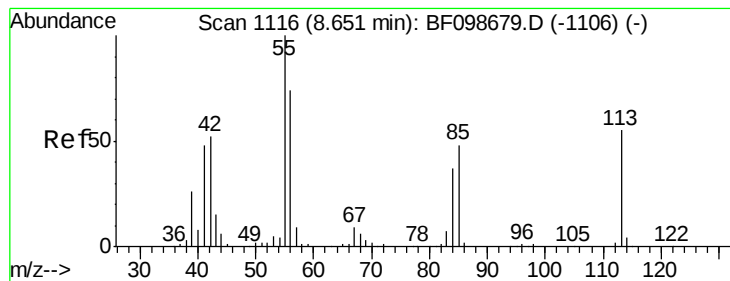
Tot Ion:	127	Resp:	571286
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.9	38.9
65	28.8	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.07 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.006 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion:	225	Resp:	215552
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	65.0	51.9	77.9





#35

Caprolactam

Concen: 38.09 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

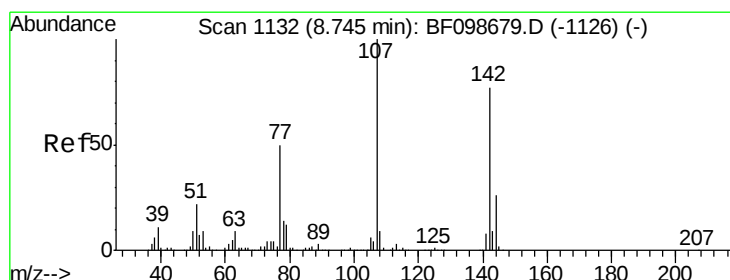
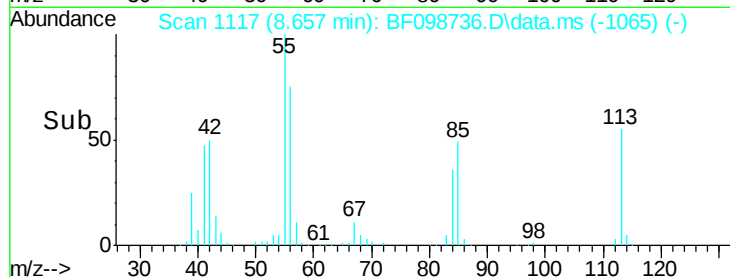
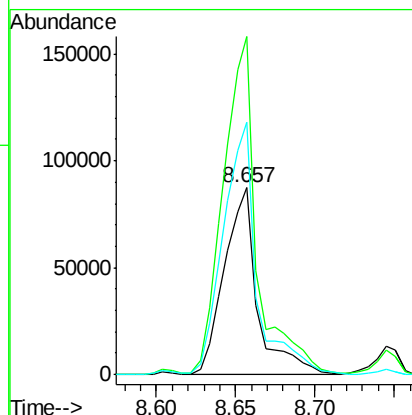
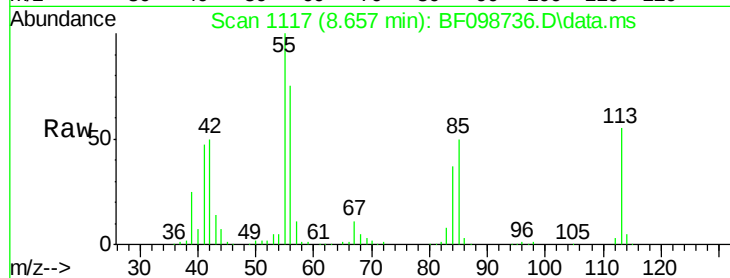
Tot Ion:113 Resp: 127575

Ion Ratio Lower Upper

113 100

55 181.0 163.3 203.3

56 135.1 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 39.13 ng

RT: 8.745 min Scan# 1132

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

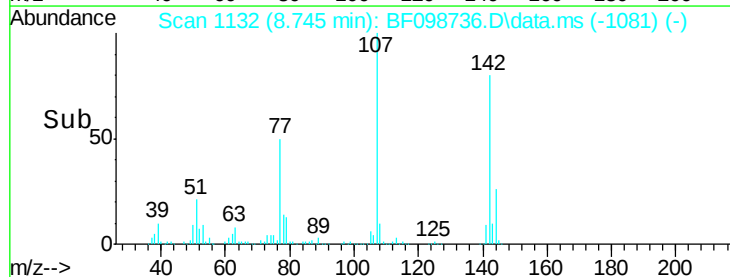
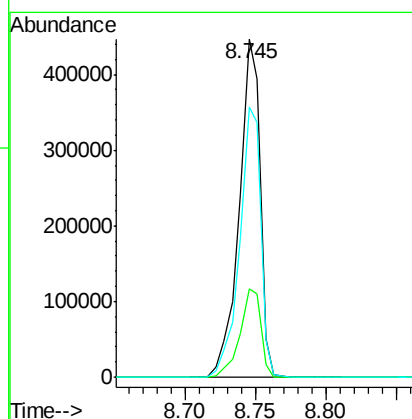
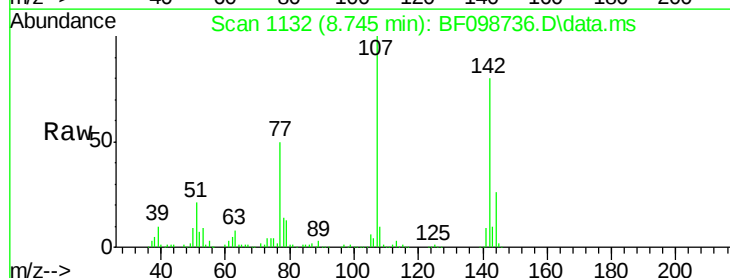
Tgt Ion:107 Resp: 459234

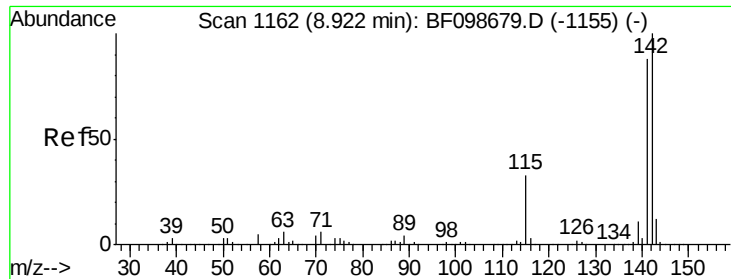
Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

142 79.9 62.0 93.0

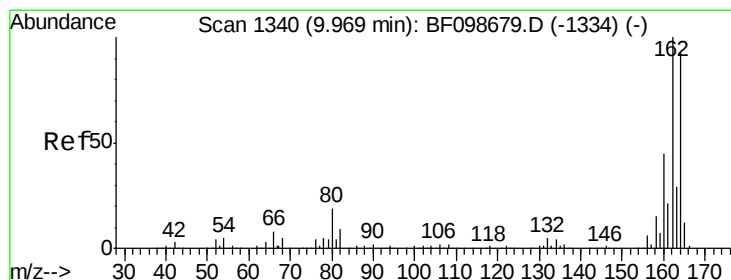
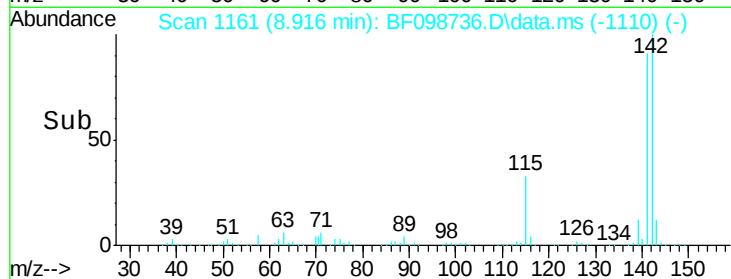
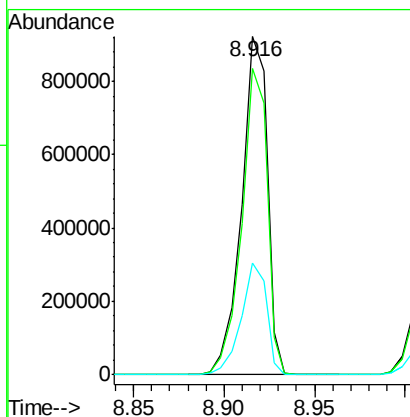
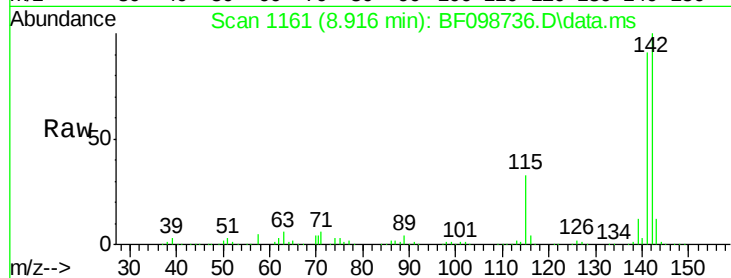




#37
2-Methylnaphthalene
Concen: 39.31 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

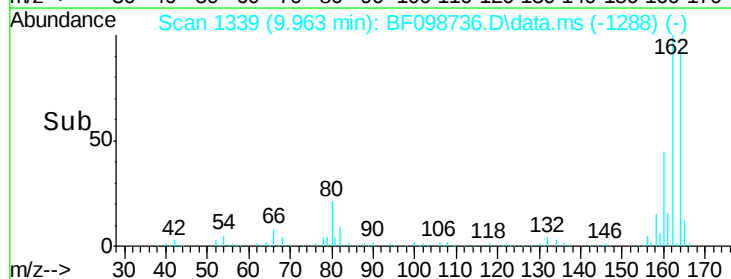
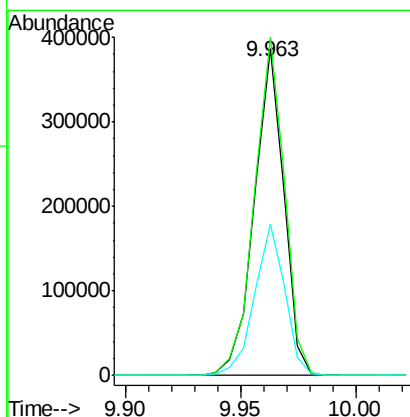
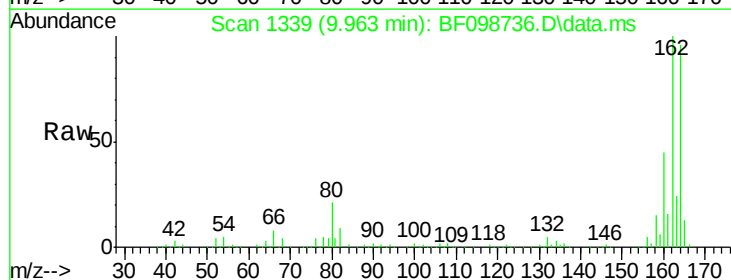
Instrument :
BNA_F
ClientSampled :

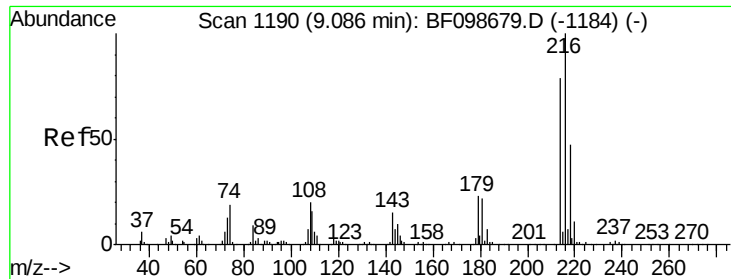
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	33.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.13 ng

RT: 9.080 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 403170

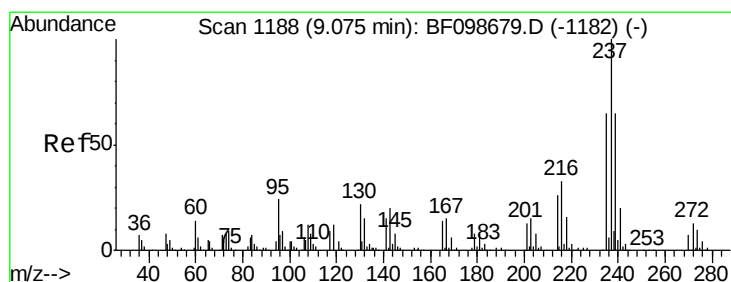
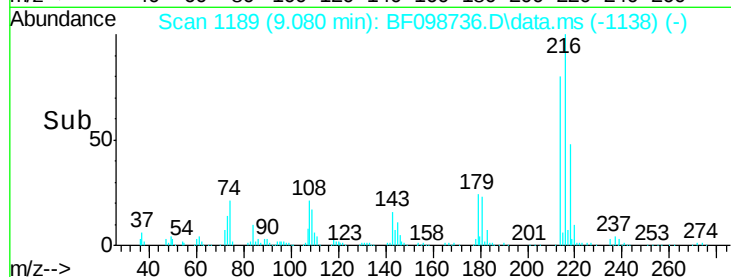
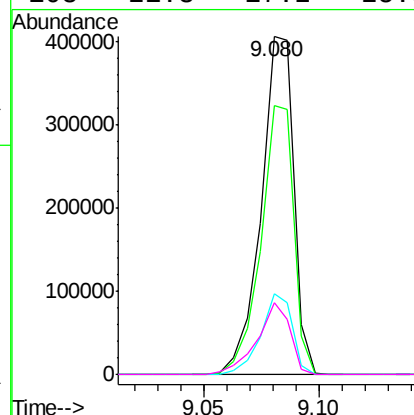
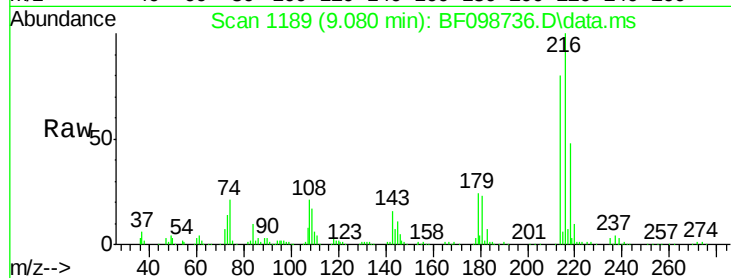
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 23.0 18.1 27.1

108 21.3 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 41.80 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

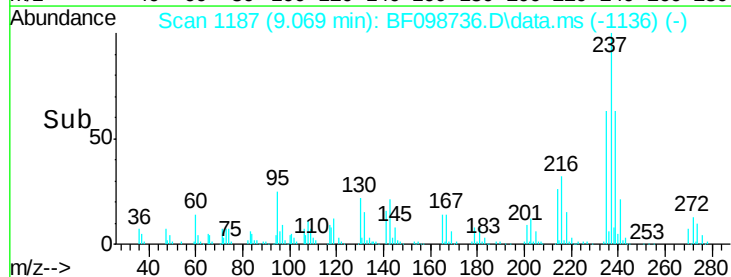
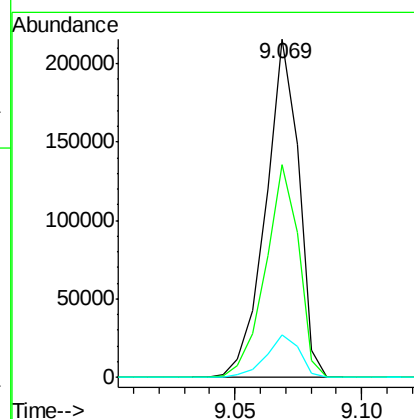
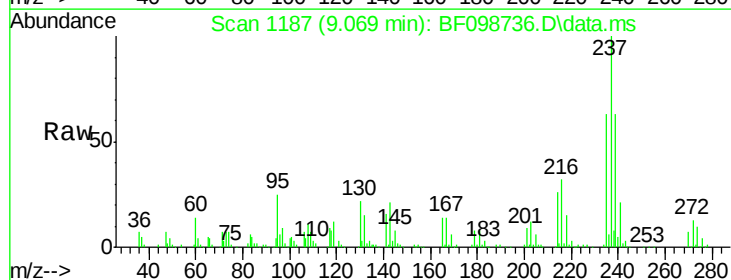
Tgt Ion:237 Resp: 196830

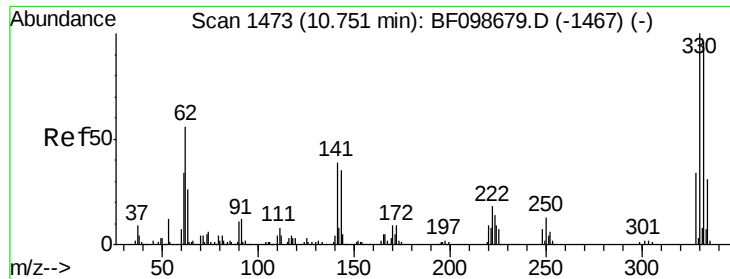
Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

272 12.7 0.0 33.3

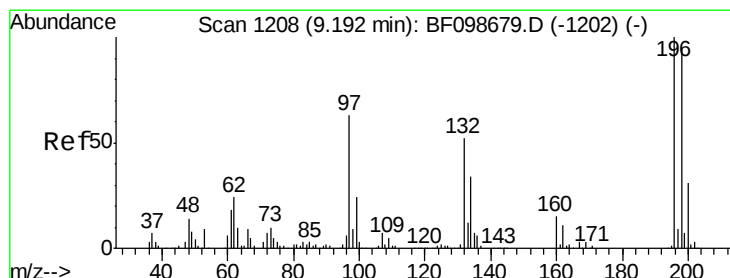
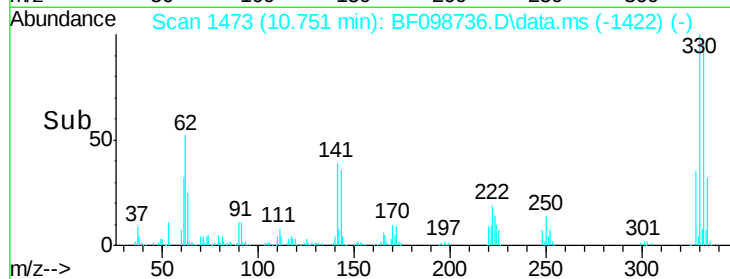
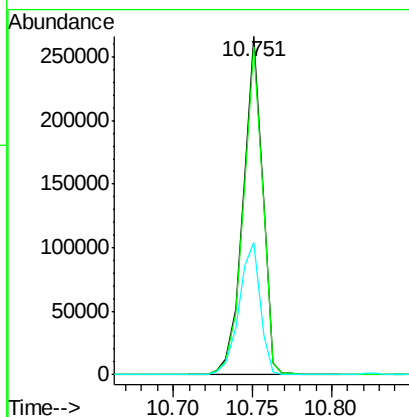
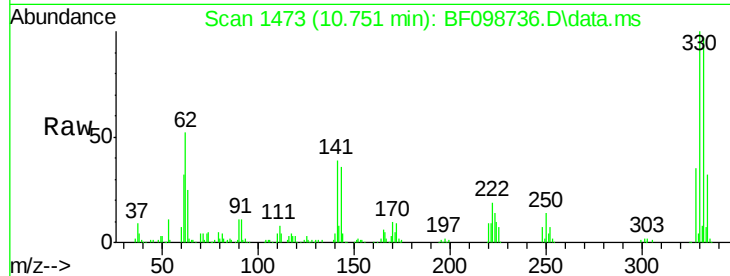




#41
 2,4,6-Tribromophenol
 Concen: 79.46 ng
 RT: 10.751 min Scan# 1473
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

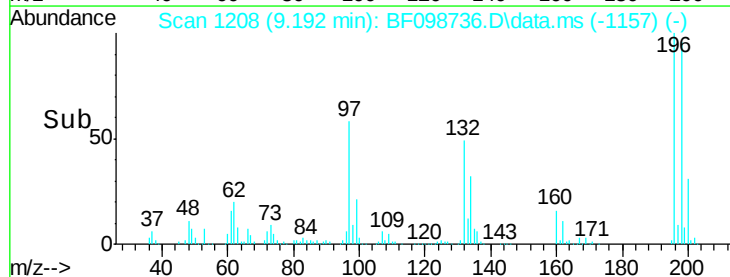
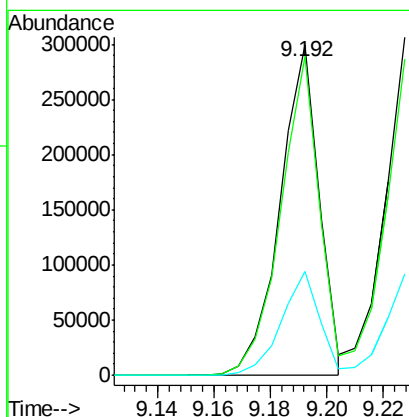
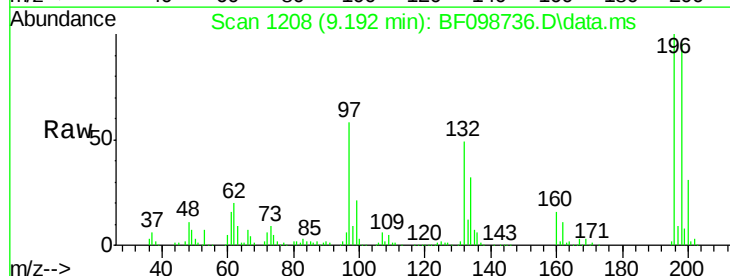
Instrument :
 BNA_F
 ClientSampleId :

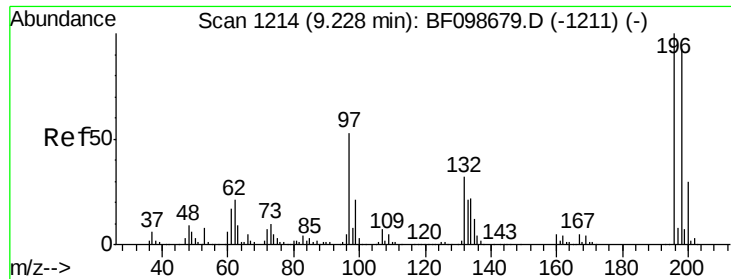
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	42.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.49 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	31.4	24.5	36.7

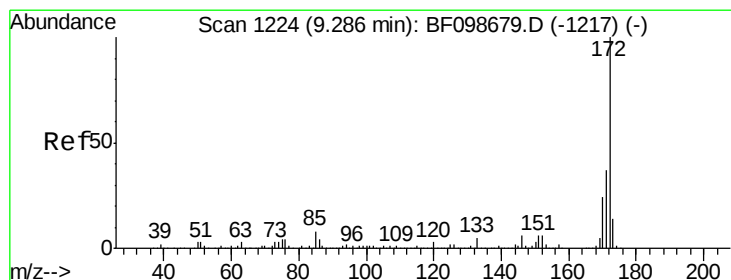
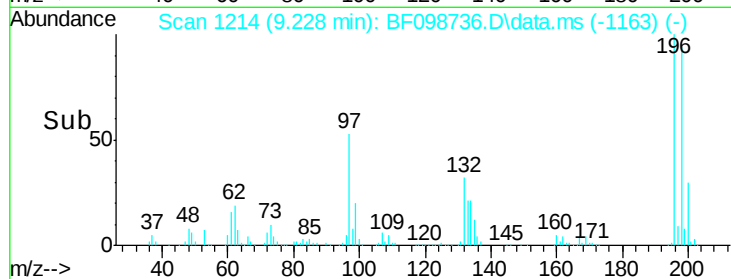
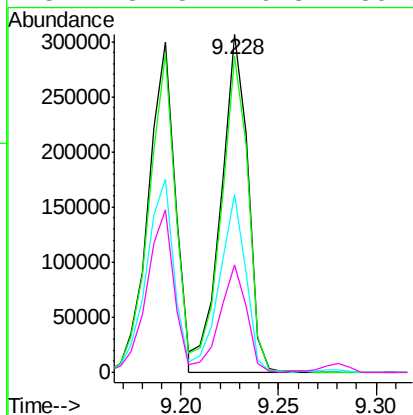
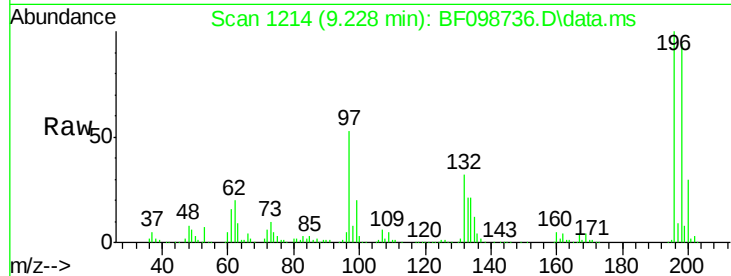




#43
 2,4,5-Trichlorophenol
 Concen: 39.94 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

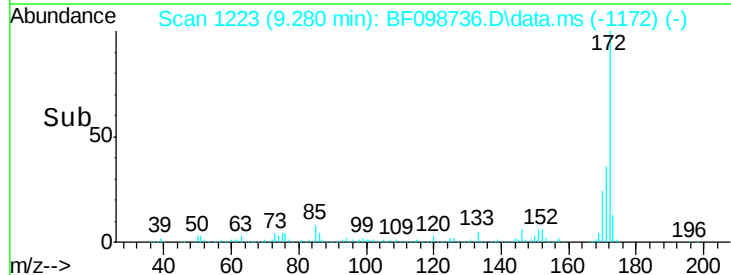
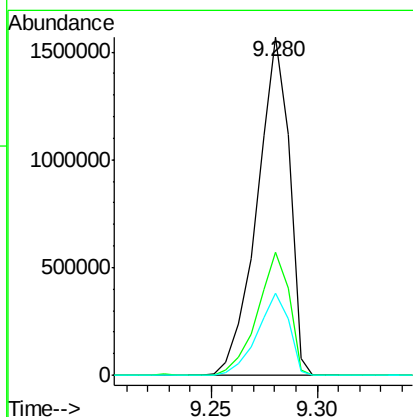
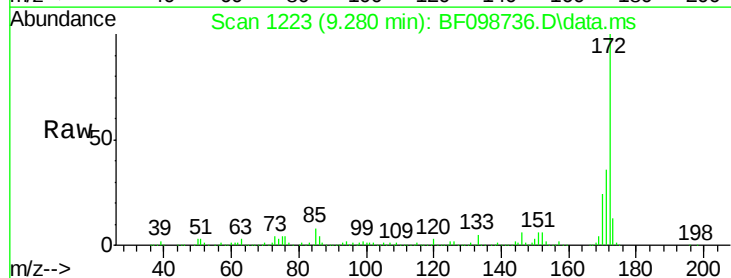
Instrument :
 BNA_F
 ClientSampleId :

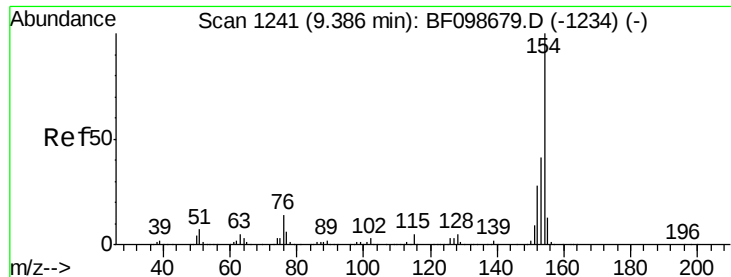
Tot Ion	Ratio	Resp	Lower	Upper
196	100	291013		
198	93.8	74.6	112.0	
97	52.8	42.9	64.3	
132	31.8	26.3	39.5	



#44
 2-Fluorobiphenyl
 Concen: 80.58 ng
 RT: 9.280 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1667645		
171	36.2	29.7	44.5	
170	24.1	19.6	29.4	

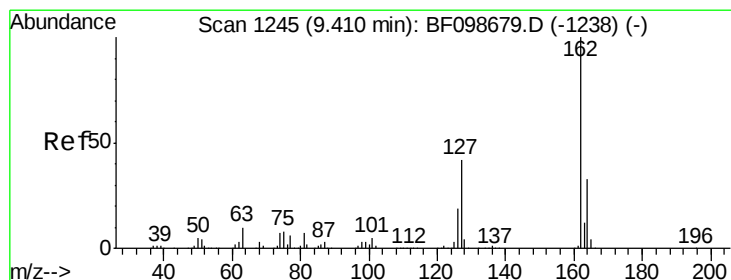
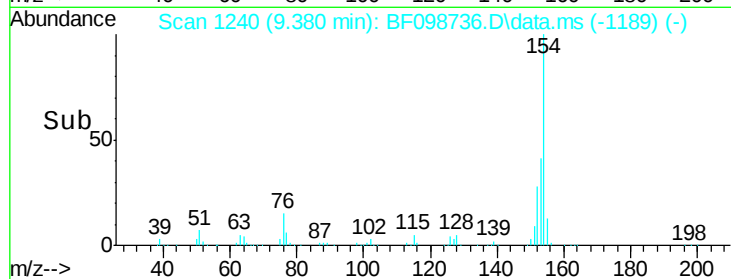
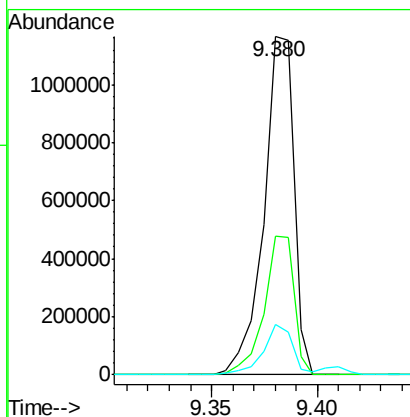
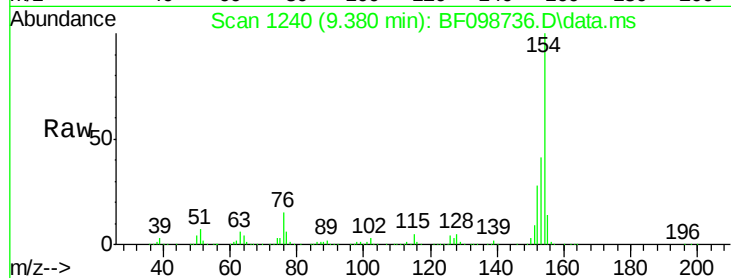




#45
 1,1'-Biphenyl
 Concen: 38.91 ng
 RT: 9.380 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

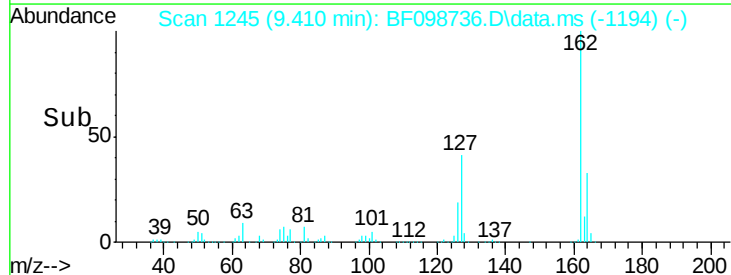
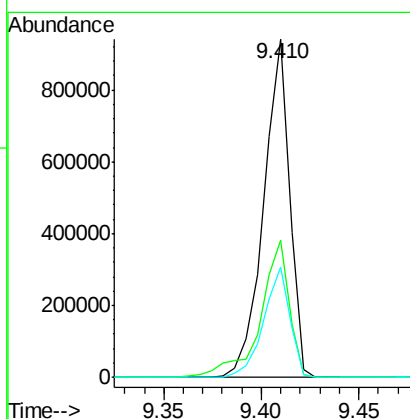
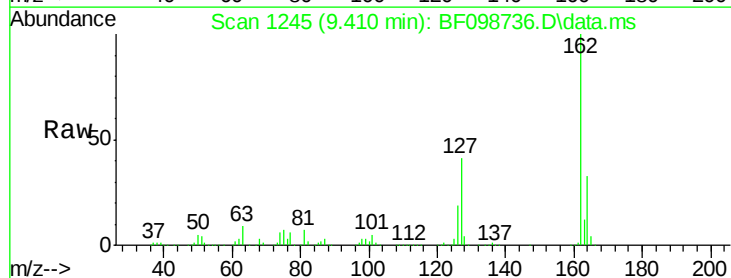
Instrument :
 BNA_F
 ClientSampleId :

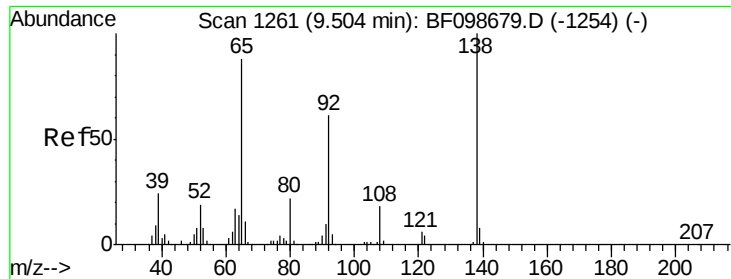
Tot Ion:154 Resp: 1155426
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 14.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 38.99 ng
 RT: 9.410 min Scan# 1245
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion:162 Resp: 869248
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.9 50.9
 164 32.7 26.5 39.7

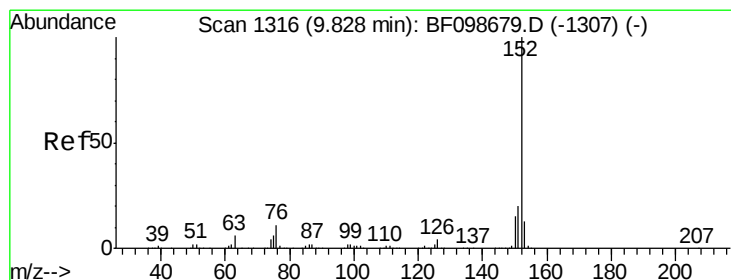
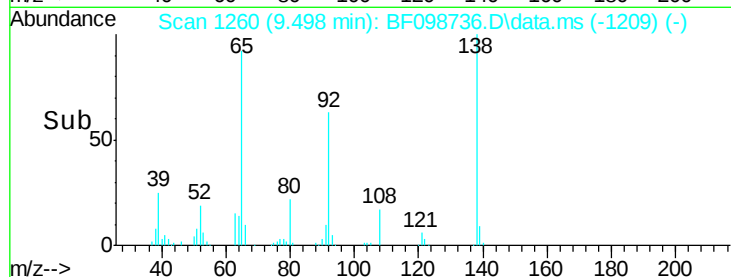
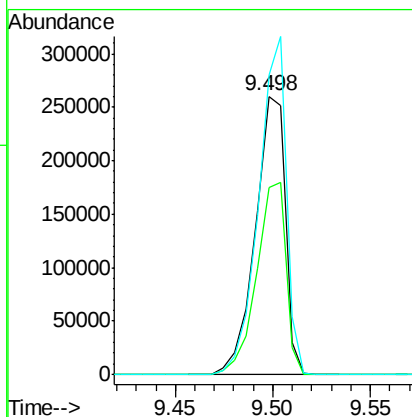
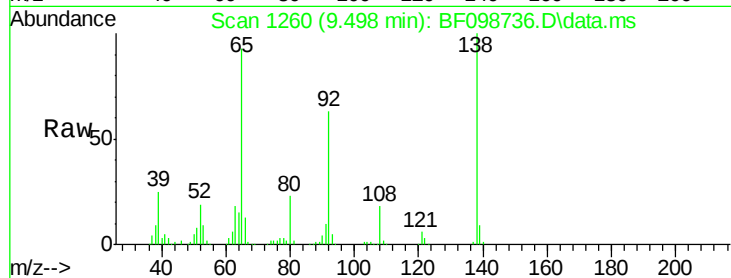




#47
2-Nitroaniline
Concen: 40.52 ng
RT: 9.498 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

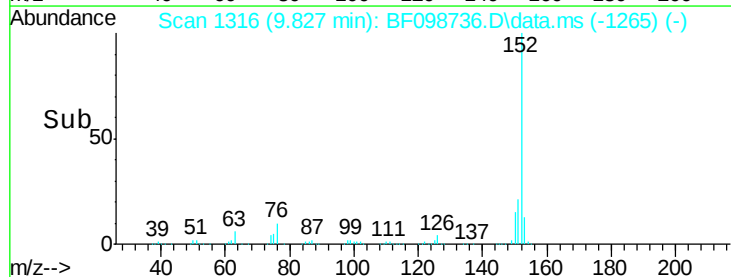
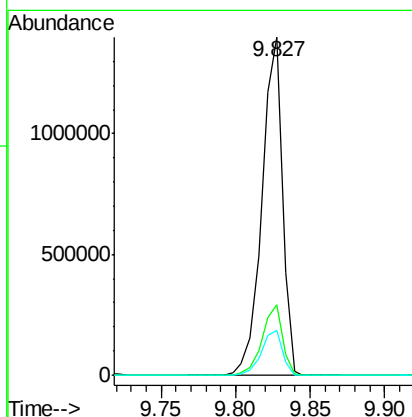
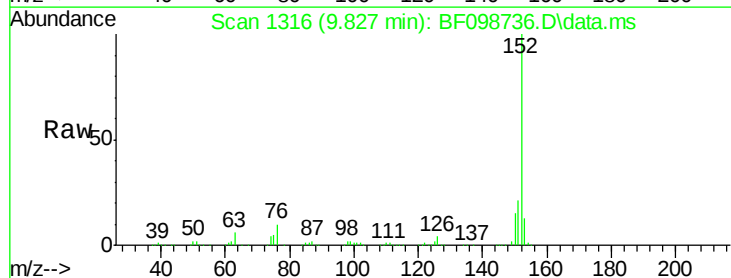
Instrument :
BNA_F
ClientSampleId :

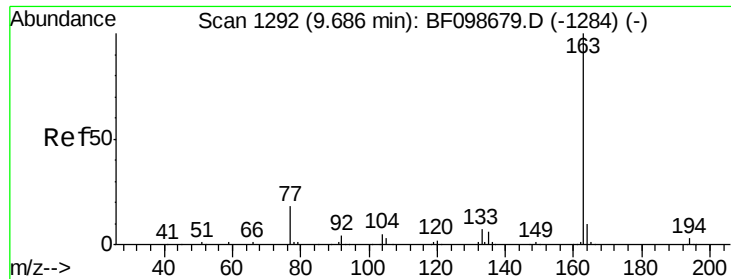
Tot Ion: 65 Resp: 276640
Ion Ratio Lower Upper
65 100
92 67.4 55.8 83.6
138 107.7 91.2 136.8



#48
Acenaphthylene
Concen: 38.58 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion: 152 Resp: 1316655
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 39.10 ng

RT: 9.680 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

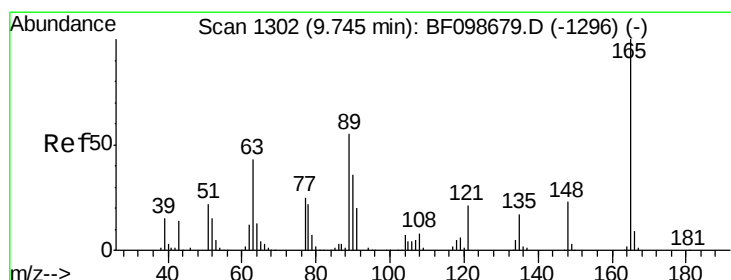
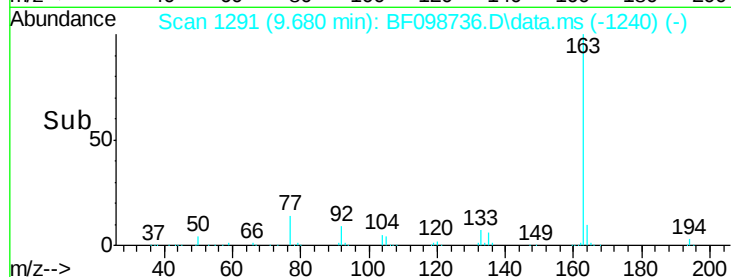
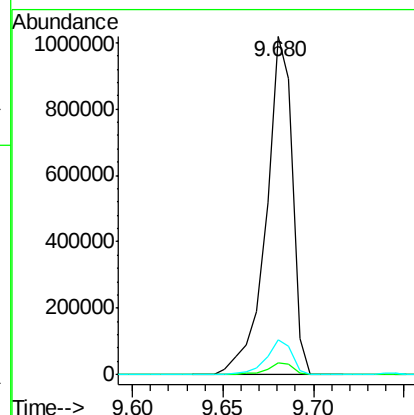
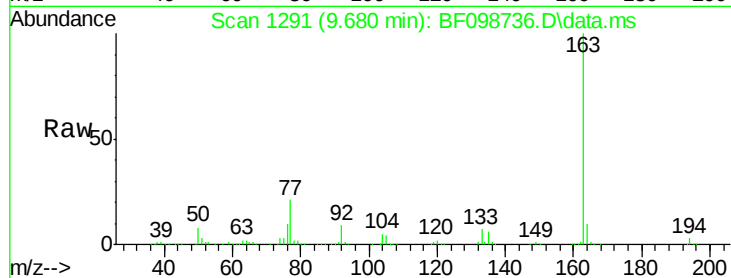
Tot Ion:163 Resp: 1019660

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: 40.18 ng

RT: 9.745 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

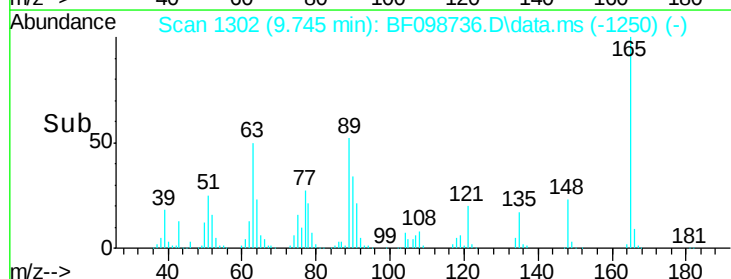
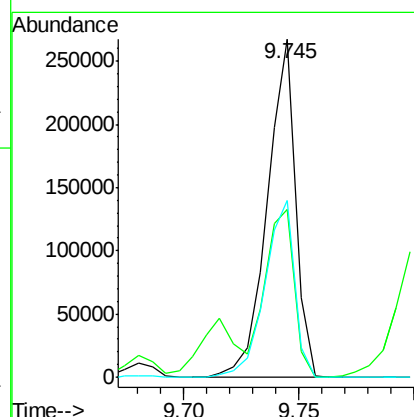
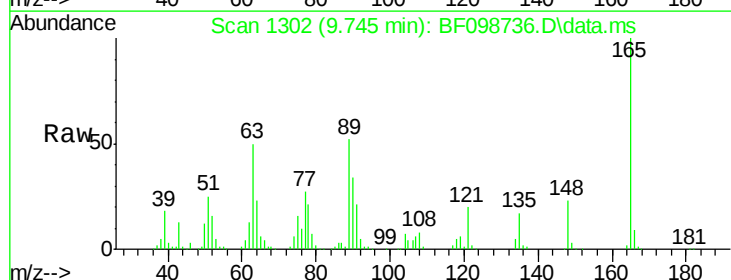
Tgt Ion:165 Resp: 228137

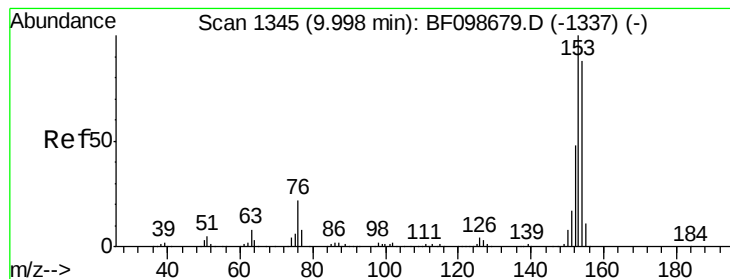
Ion Ratio Lower Upper

165 100

63 49.8 44.7 67.1

89 52.3 44.0 66.0





#51

Acenaphthene

Concen: 38.90 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

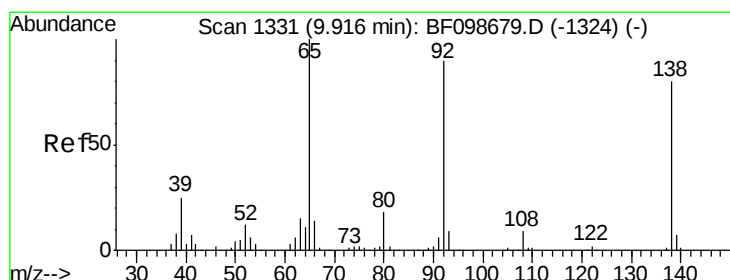
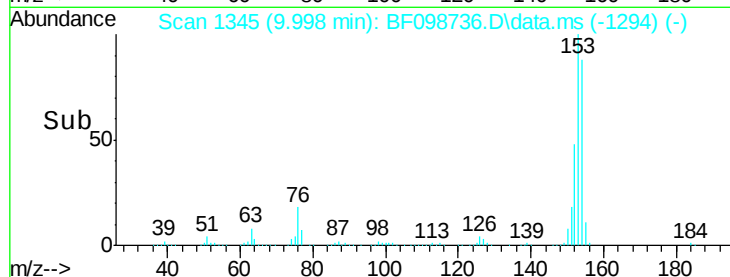
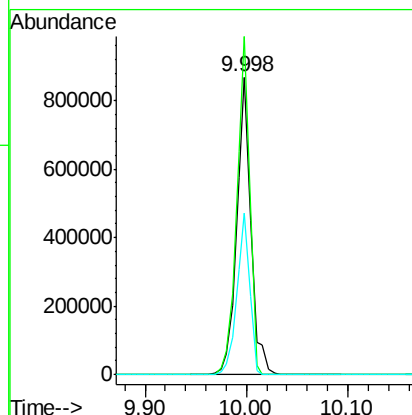
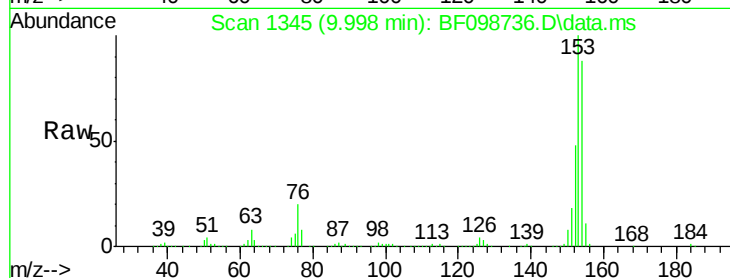
Tot Ion:154 Resp: 840971

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

152 54.3 43.8 65.8



#52

3-Nitroaniline

Concen: 39.47 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

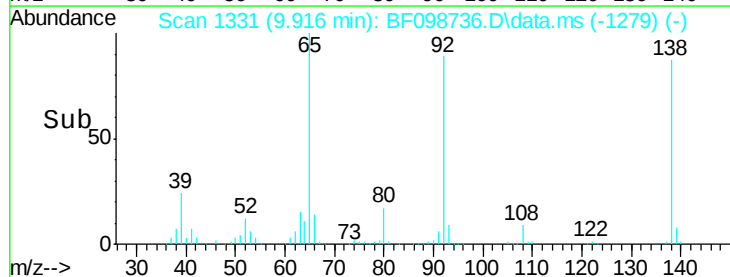
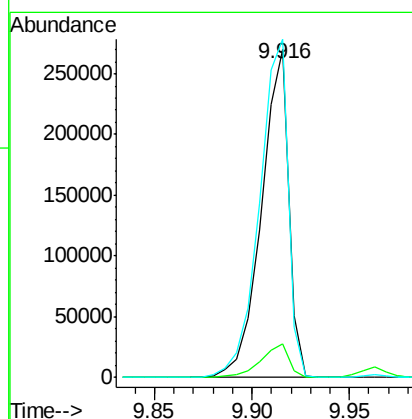
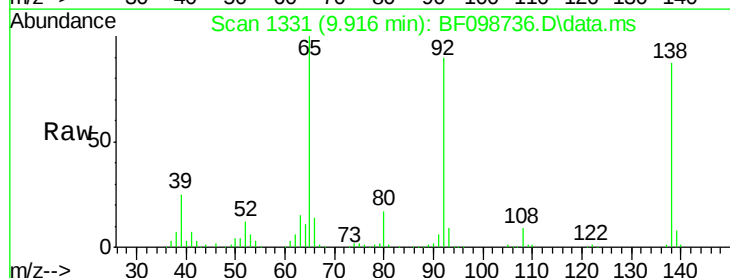
Tgt Ion:138 Resp: 261254

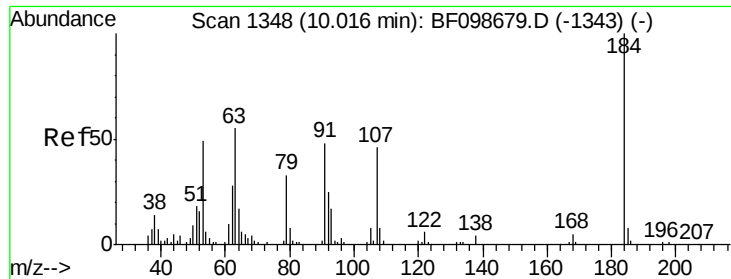
Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

92 103.3 89.4 134.2

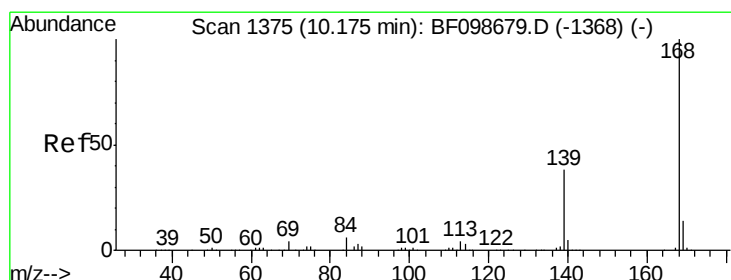
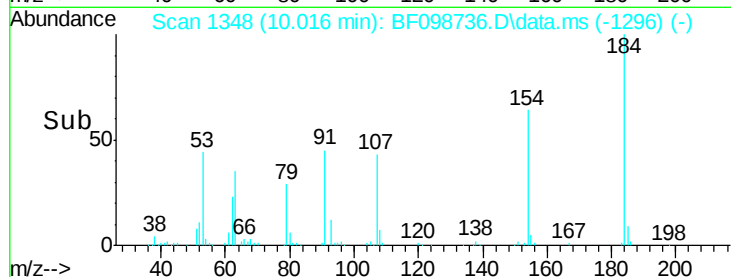
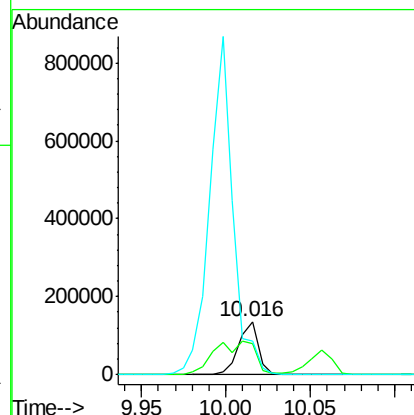
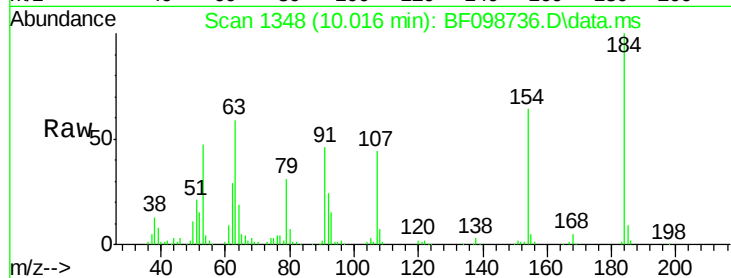




#53
2,4-Dinitrophenol
Concen: 40.12 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.007 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

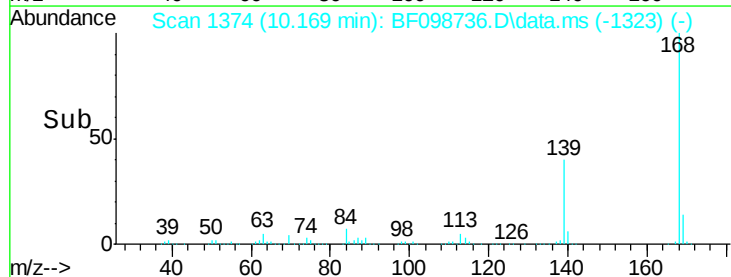
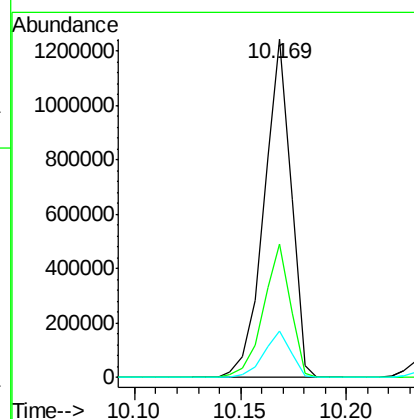
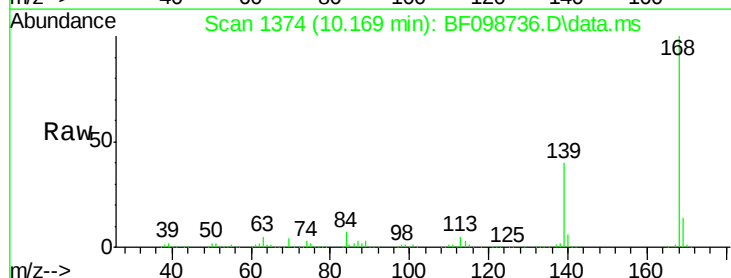
Instrument :
BNA_F
ClientSampleId :

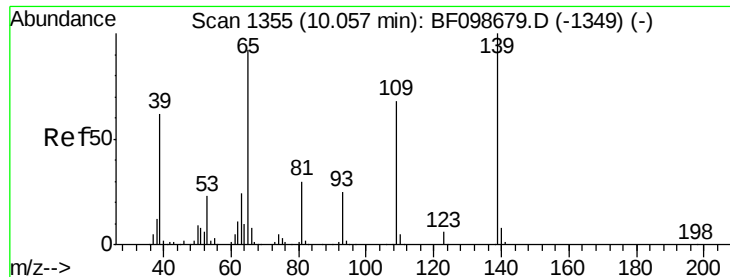
Tot Ion	Ratio	Lower	Upper
184	100		
63	58.9	54.2	81.2
154	63.9	53.5	80.3



#54
Dibenzofuran
Concen: 38.40 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	13.7	10.9	16.3

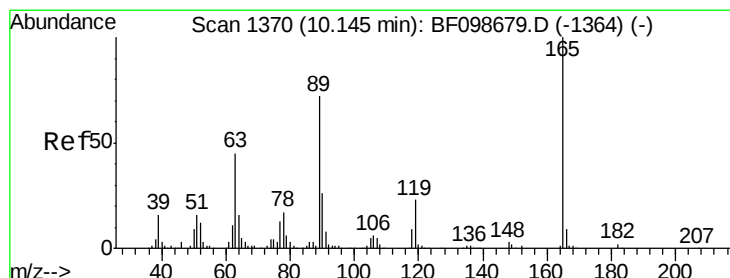
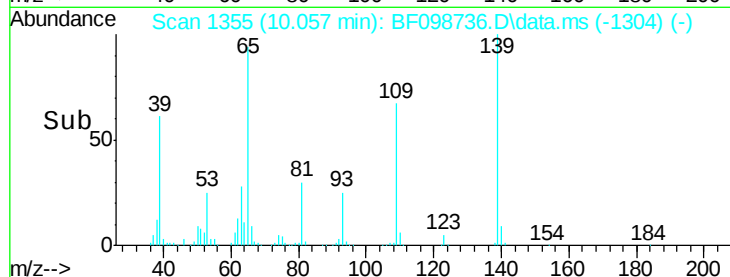
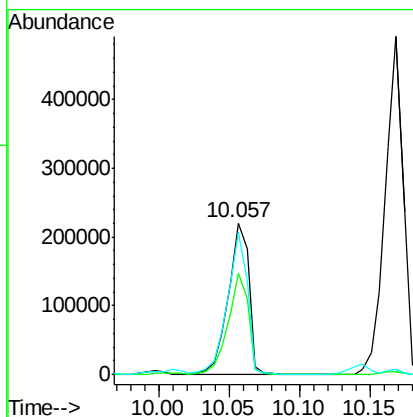
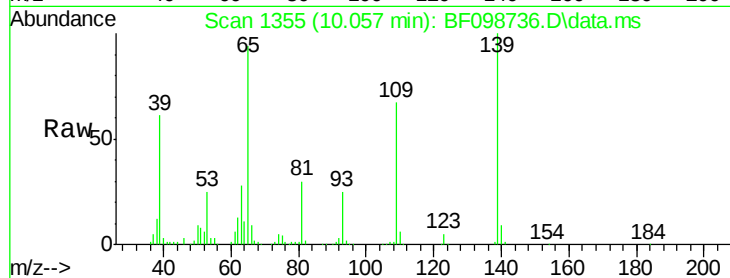




#55
4-Nitrophenol
Concen: 40.27 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

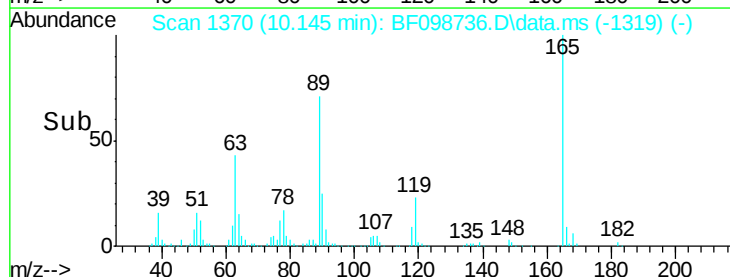
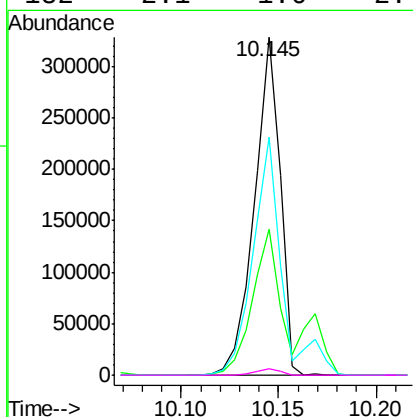
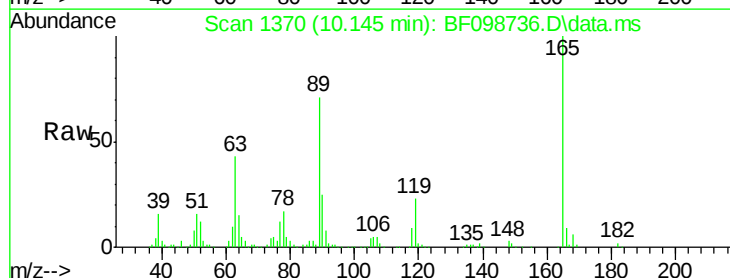
Instrument :
BNA_F
ClientSampleId :

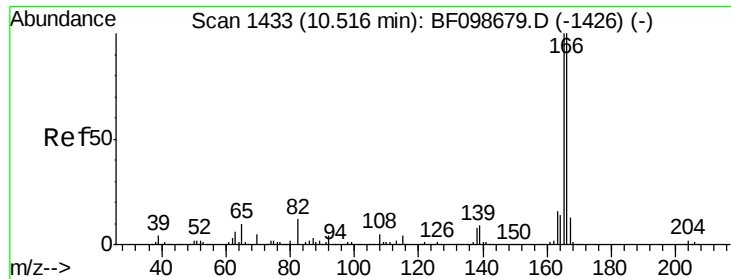
Tot Ion	Ratio	Lower	Upper
139	100		
109	66.6	48.4	88.4
65	94.4	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 40.79 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	36.4	54.6
89	70.6	57.8	86.6
182	2.1	1.6	2.4

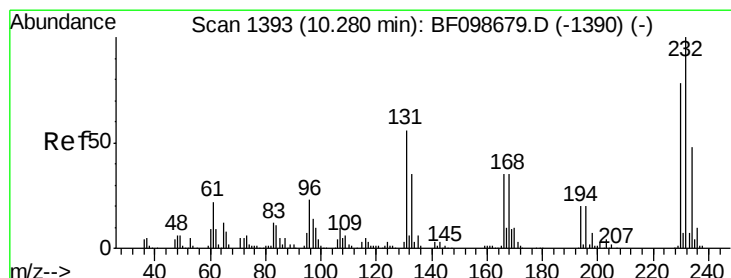
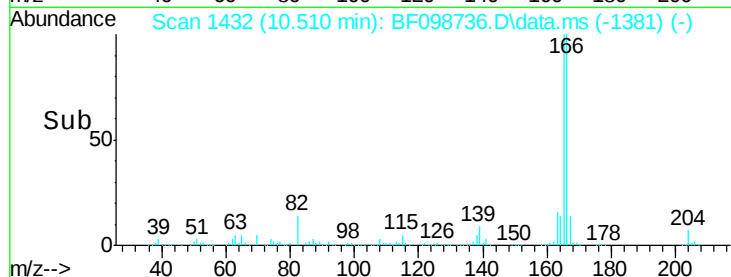
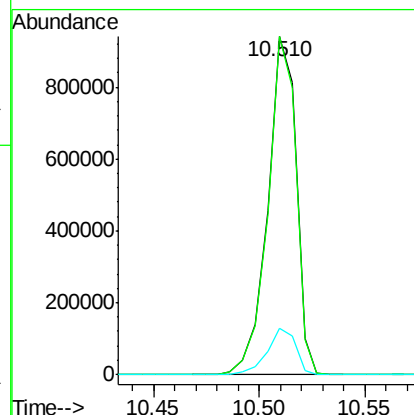
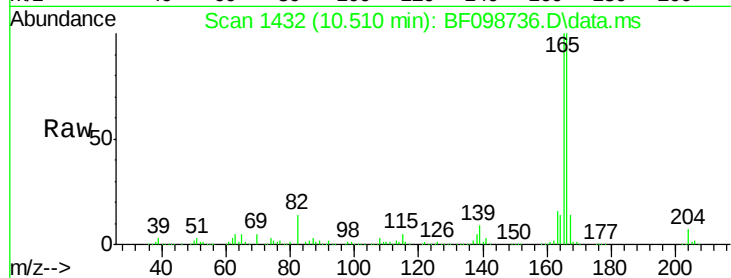




#57
 Fluorene
 Concen: 38.13 ng
 RT: 10.510 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

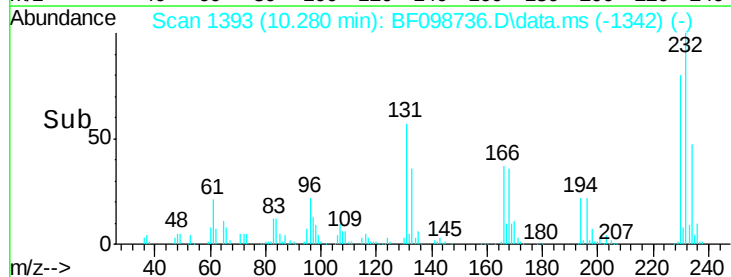
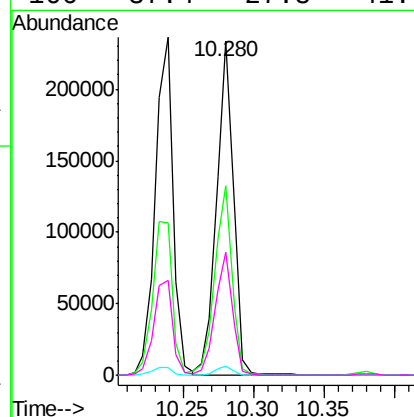
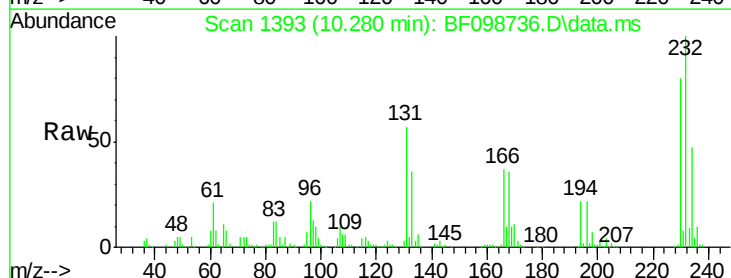
Instrument :
 BNA_F
 ClientSampleId :

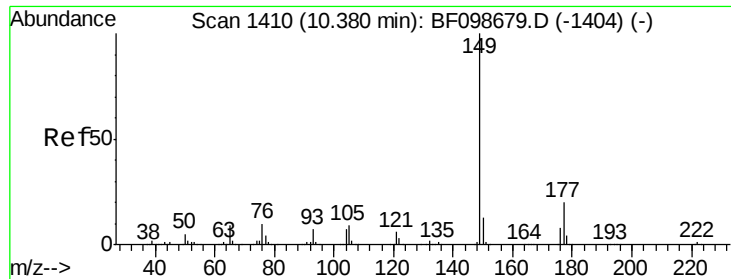
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.93 ng
 RT: 10.280 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.2	43.8	65.8
130	2.8	2.1	3.1
166	37.4	27.8	41.6

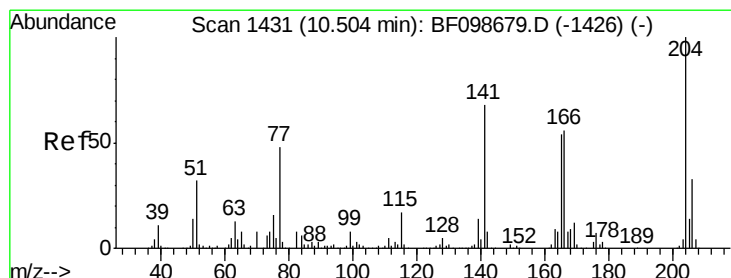
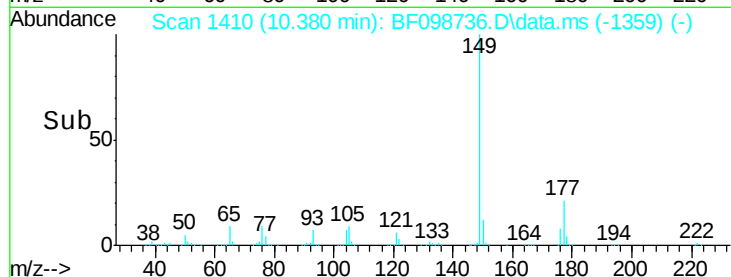
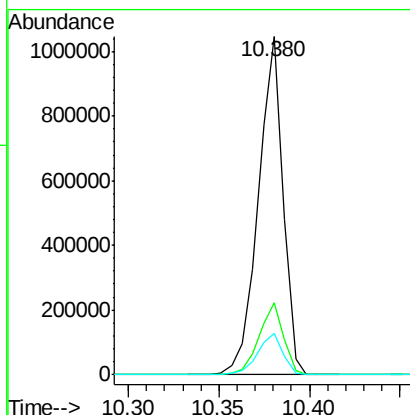
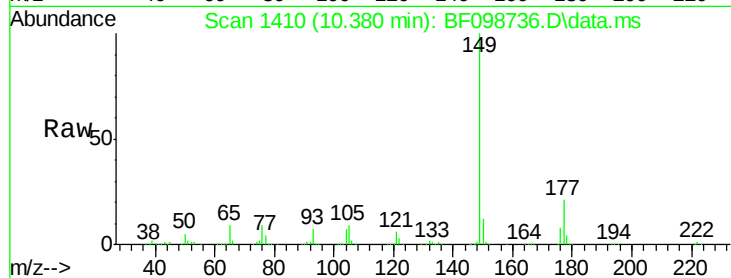




#59
Diethylphthalate
Concen: 38.85 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

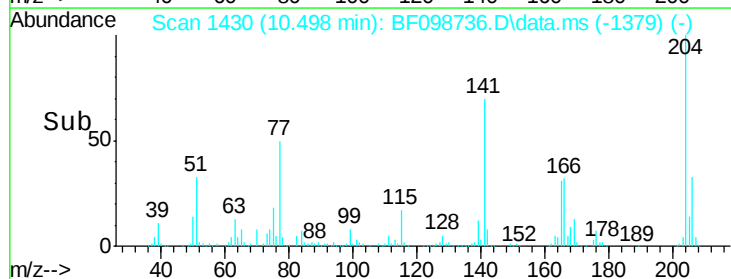
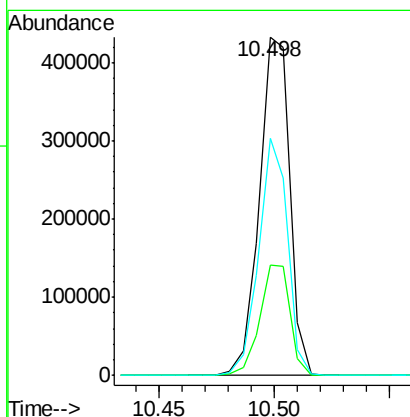
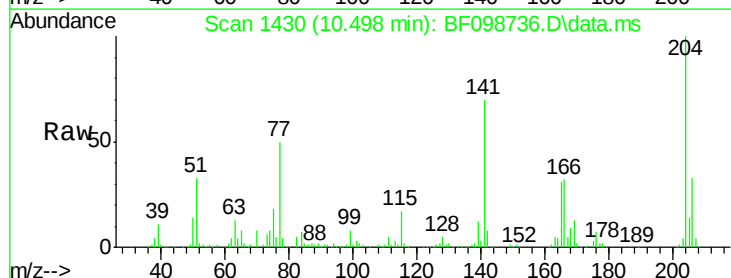
Instrument :
BNA_F
ClientSampleId :

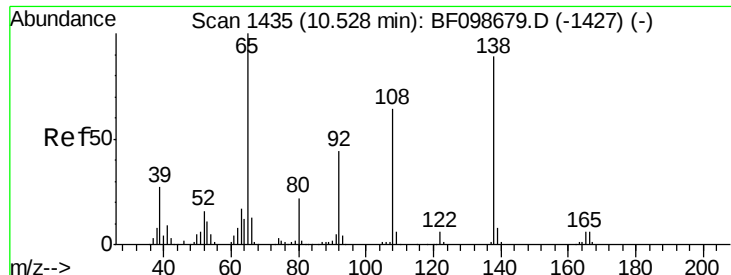
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.2	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.31 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	70.3	54.6	81.8

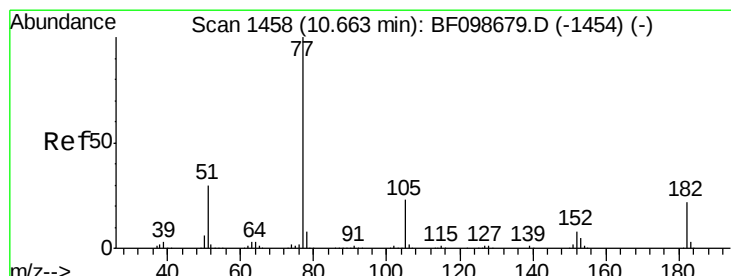
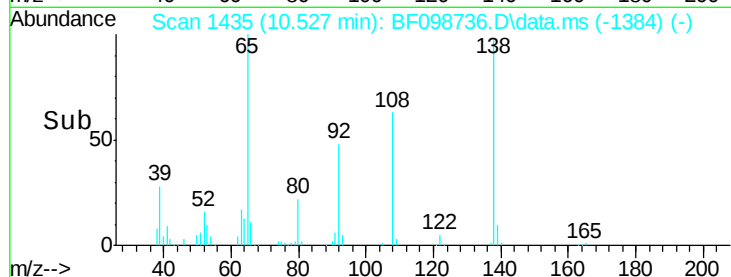
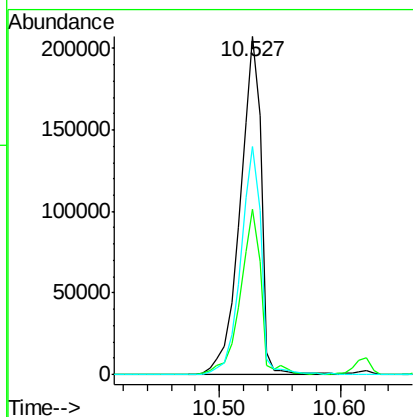
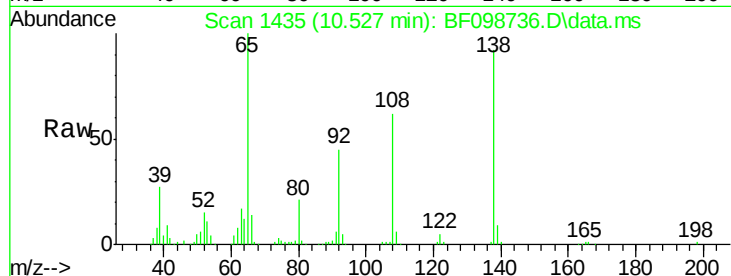




#61
4-Nitroaniline
Concen: 39.36 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

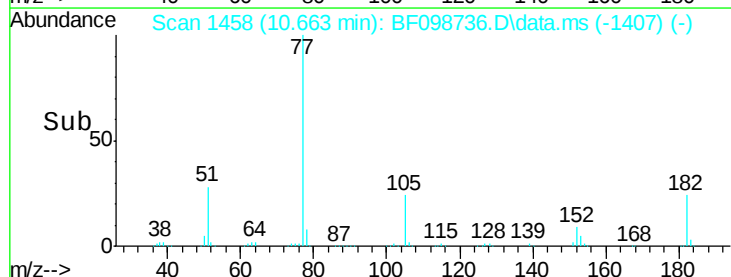
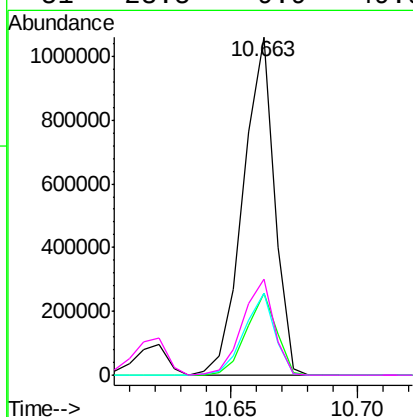
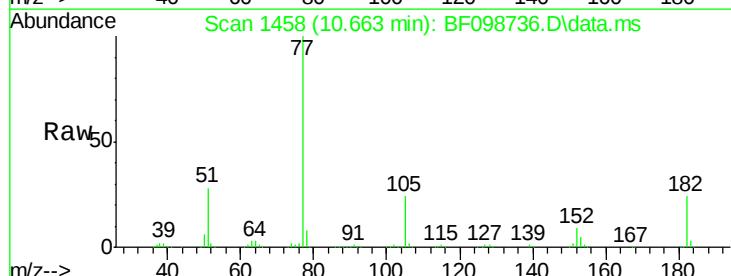
Instrument :
BNA_F
ClientSampleId :

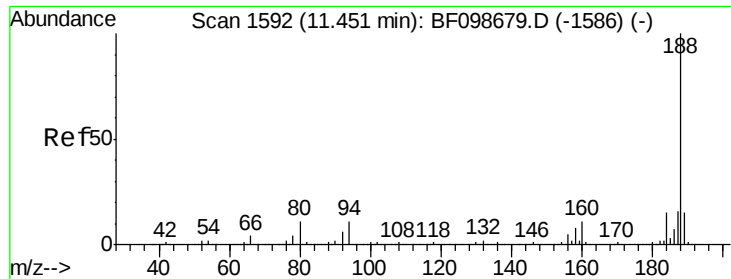
Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.2	70.2
108	67.6	52.5	92.5



#62
Azobenzene
Concen: 38.98 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	1.7	41.7
105	24.3	3.0	43.0
51	28.5	9.9	49.9

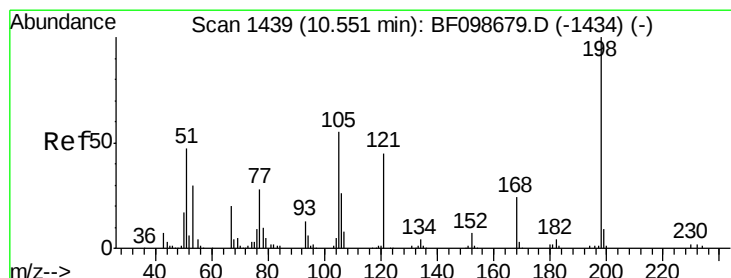
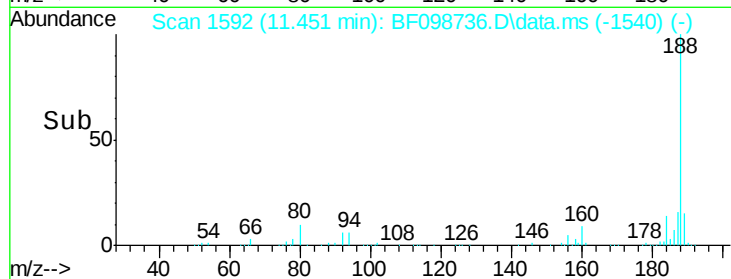
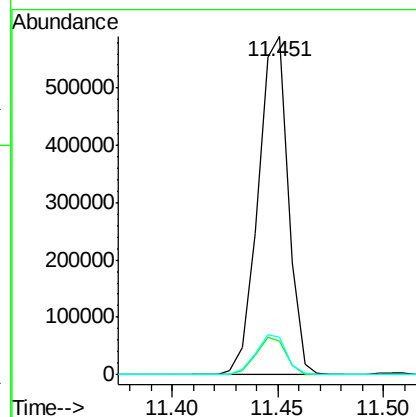
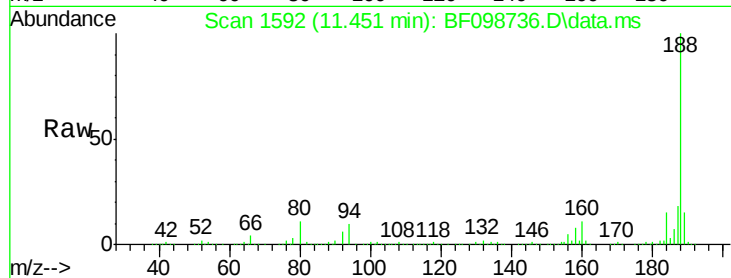




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

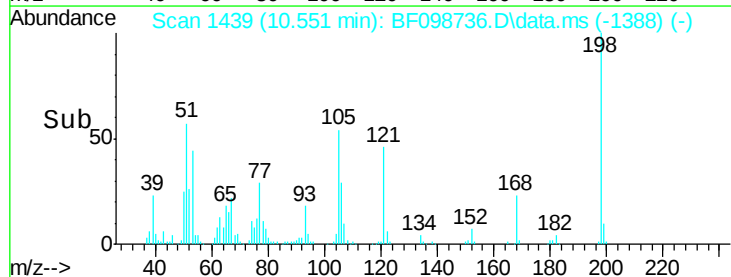
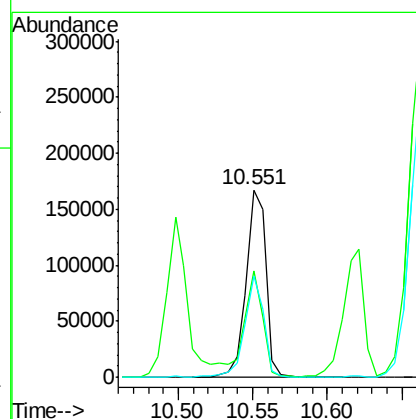
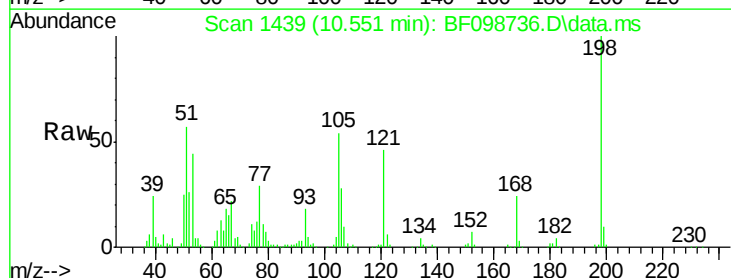
Instrument :
BNA_F
ClientSampled :

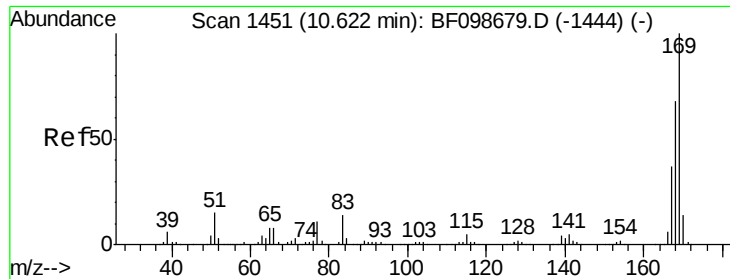
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.13 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.0	37.7	77.7
105	54.2	36.3	76.3

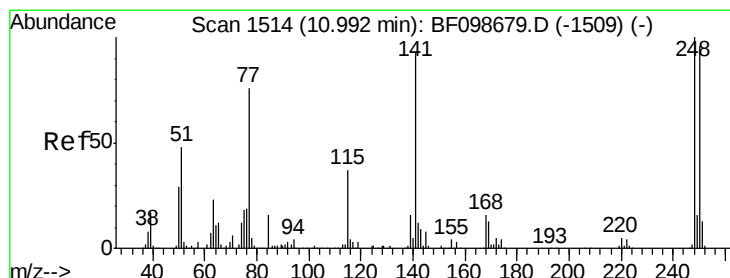
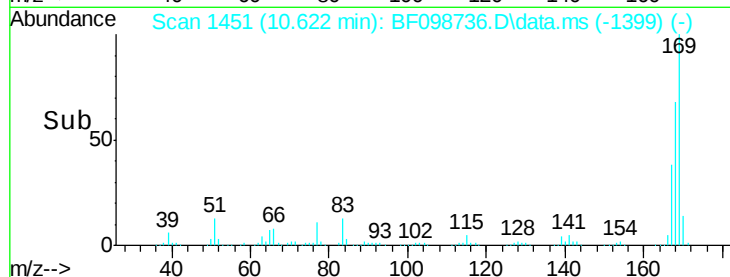
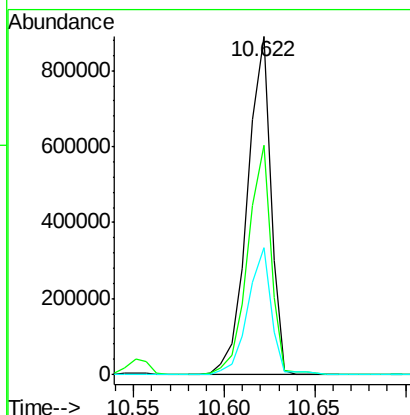
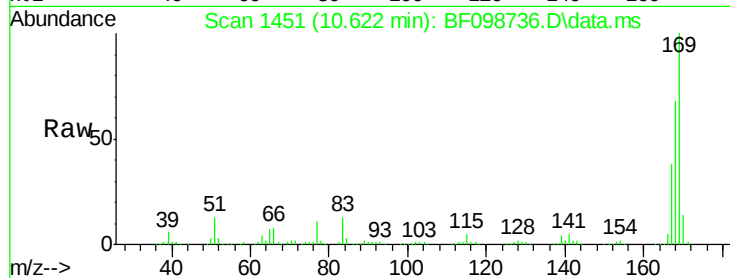




#65
 n-Nitrosodiphenylamine
 Concen: 39.49 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. 0.006 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

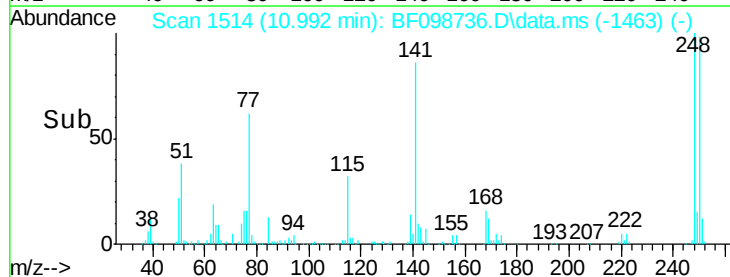
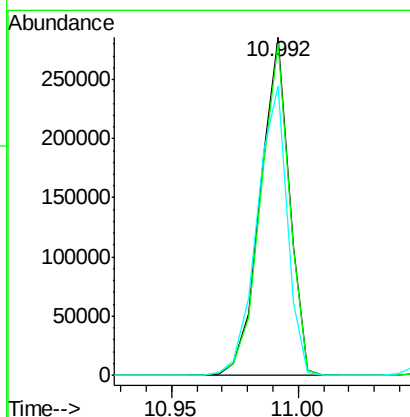
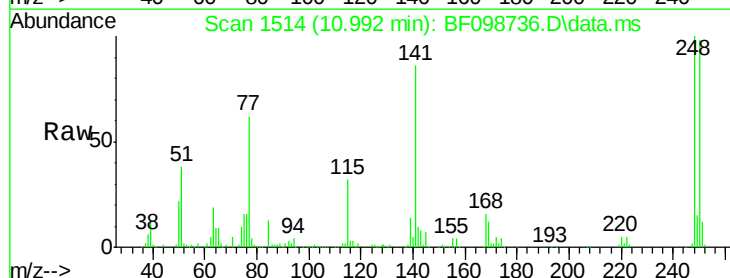
Instrument :
 BNA_F
 ClientSampleId :

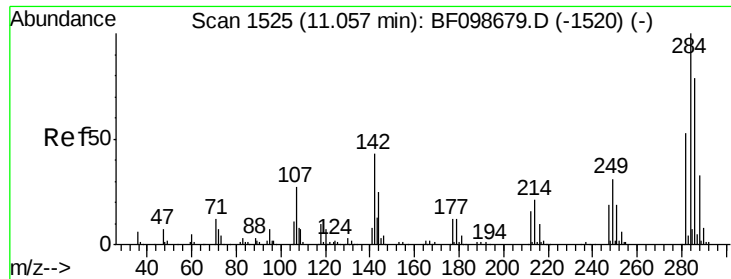
Tot Ion:169 Resp: 801011
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.12 ng
 RT: 10.992 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion:248 Resp: 229906
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.9 115.3
 141 85.6 74.4 111.6

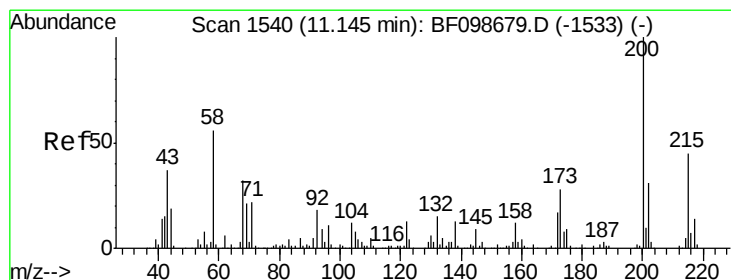
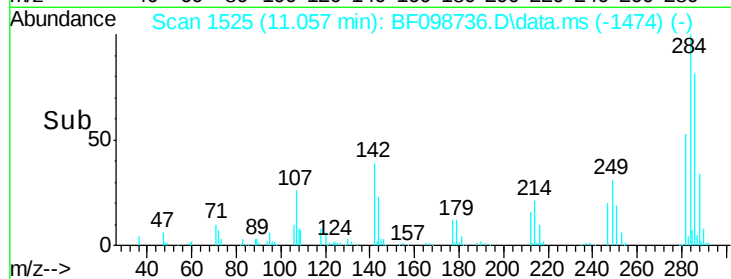
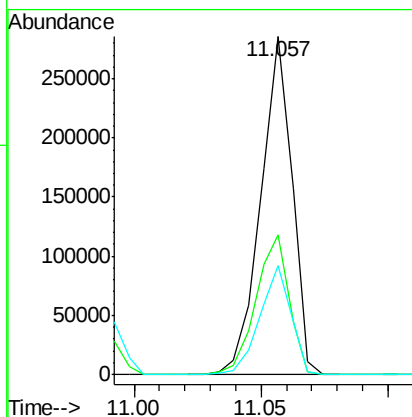
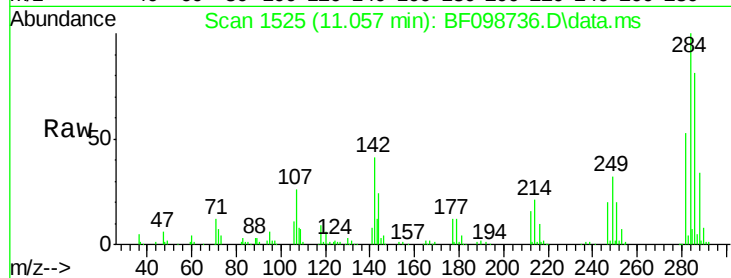




#67
Hexachlorobenzene
Concen: 40.38 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

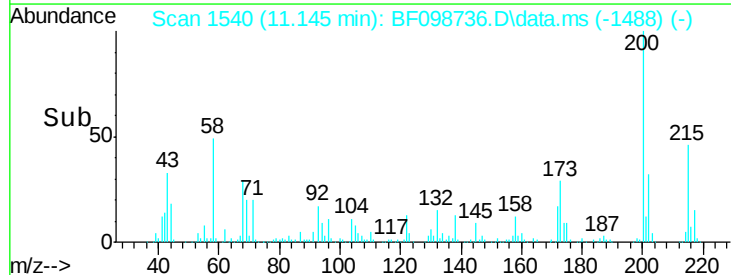
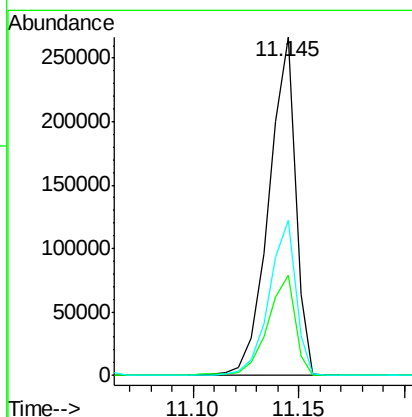
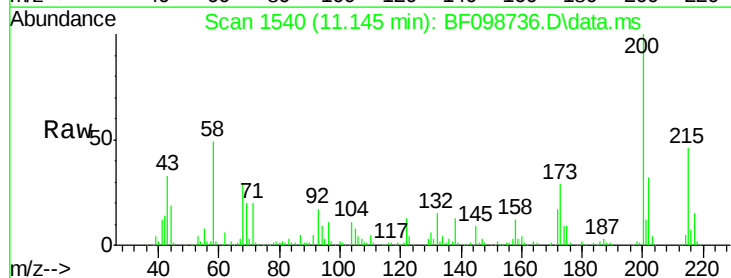
Instrument :
BNA_F
ClientSampled :

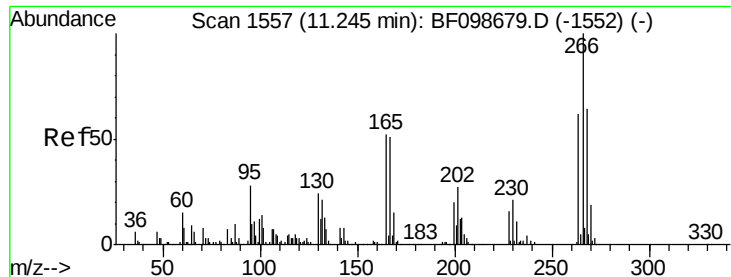
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.4	34.6	52.0
249	32.1	24.8	37.2



#68
Atrazine
Concen: 38.51 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	45.8	25.1	65.1

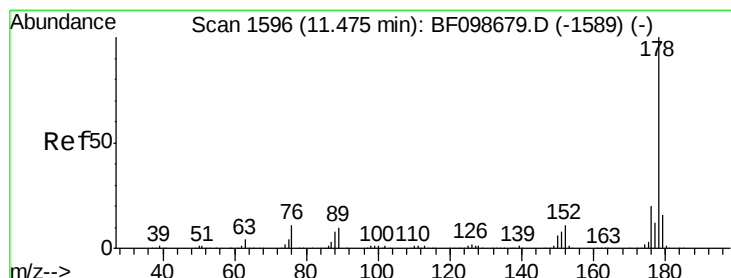
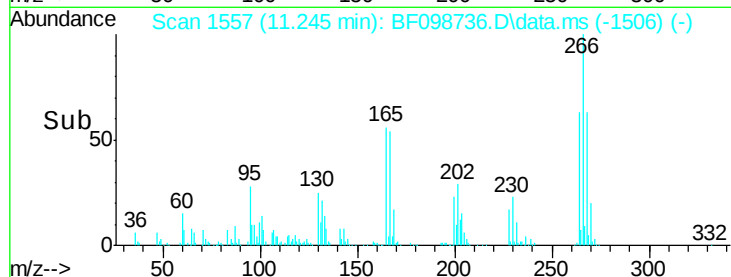
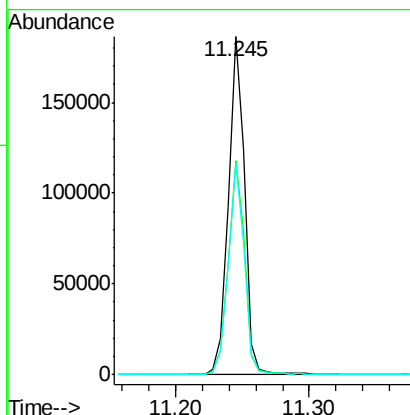
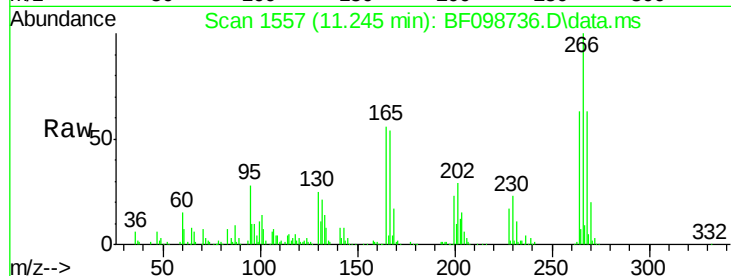




#69
 Pentachlorophenol
 Concen: 41.94 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

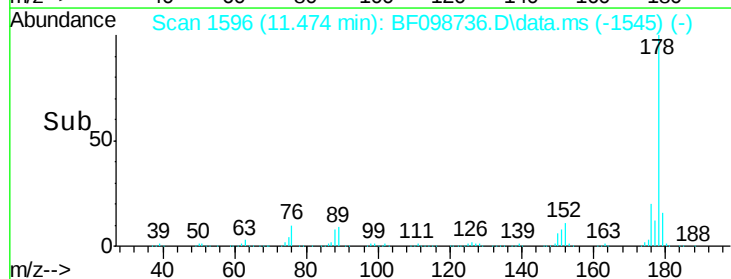
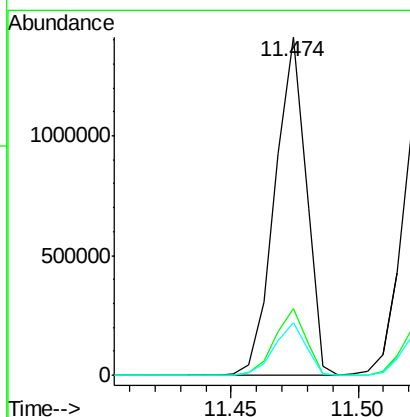
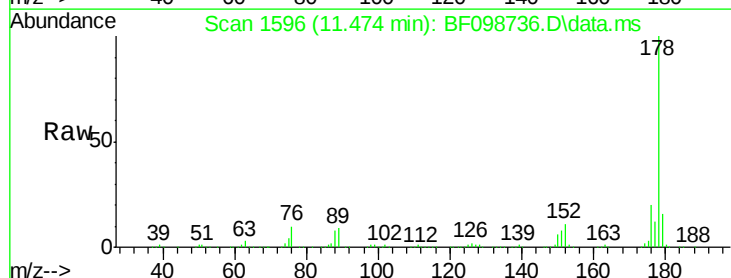
Instrument :
 BNA_F
 ClientSampleId :

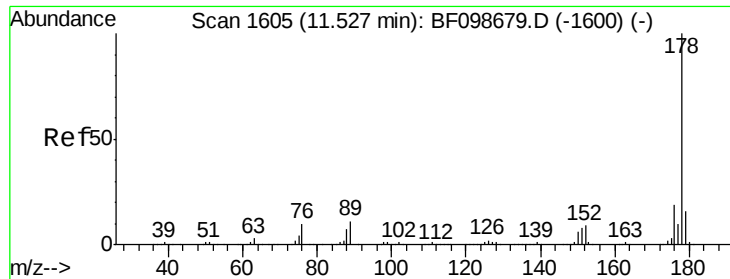
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	62.7	49.5	74.3



#70
 Phenanthrene
 Concen: 38.64 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6

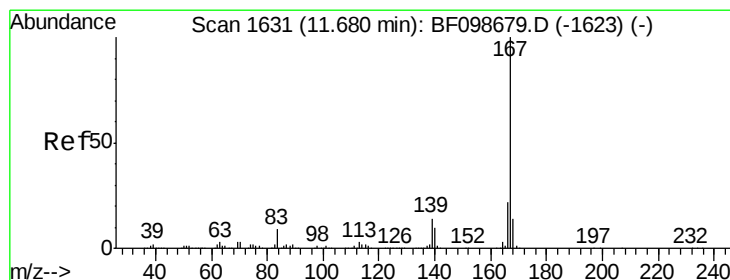
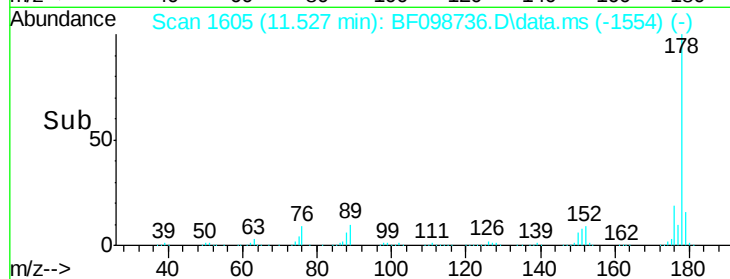
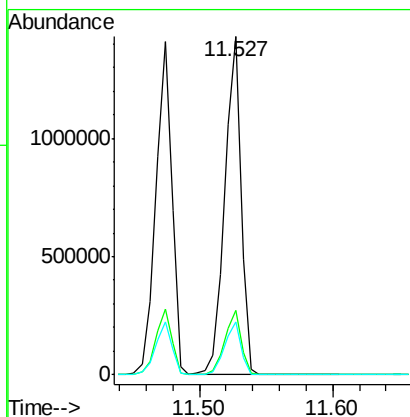
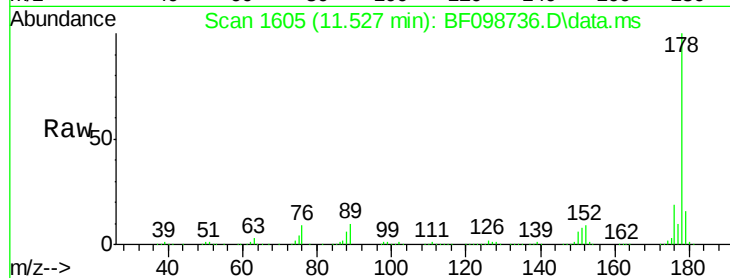




#71
 Anthracene
 Concen: 38.96 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

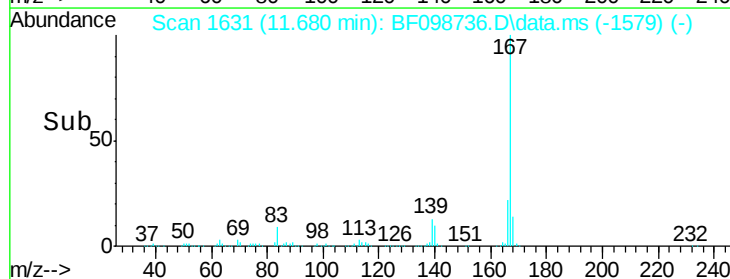
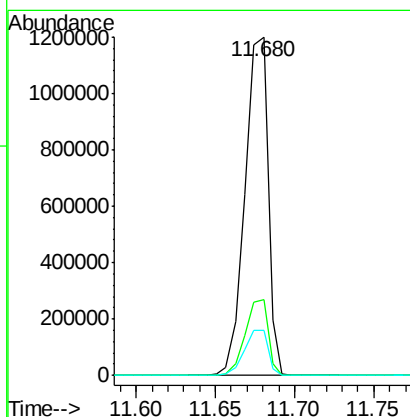
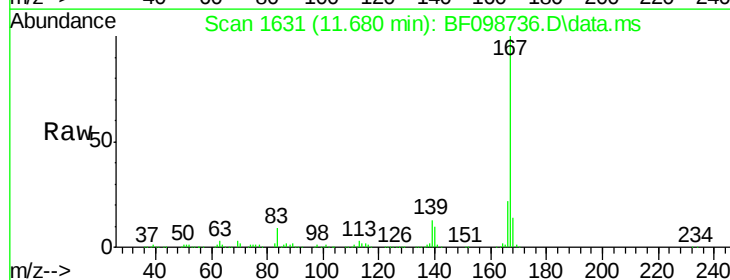
Instrument :
 BNA_F
 ClientSampleId :

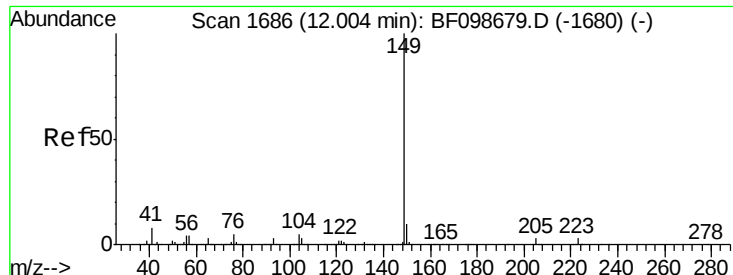
Tot Ion:178 Resp: 1249293
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.77 ng
 RT: 11.680 min Scan# 1631
 Delta R.T. 0.006 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion:167 Resp: 1217390
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.3 10.9 16.3

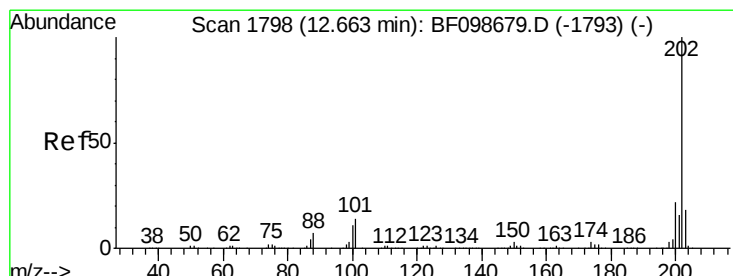
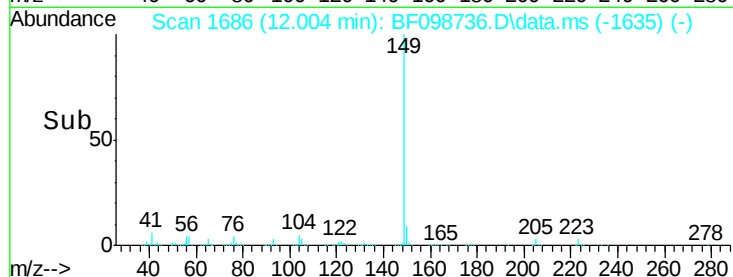
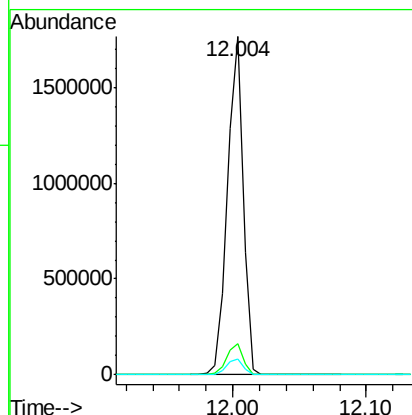
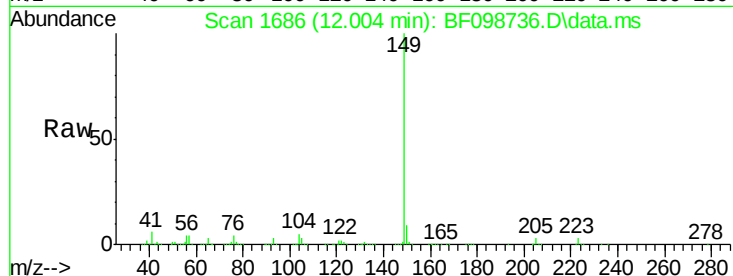




#73
Di-n-butylphthalate
Concen: 39.32 ng
RT: 12.004 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

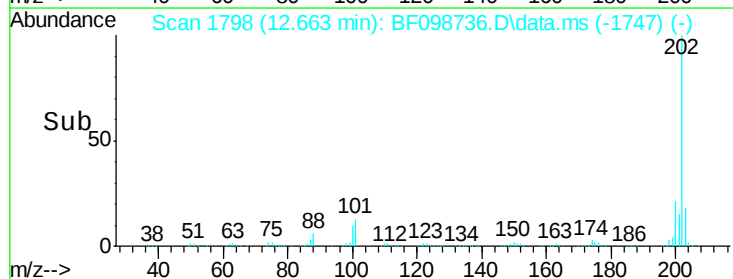
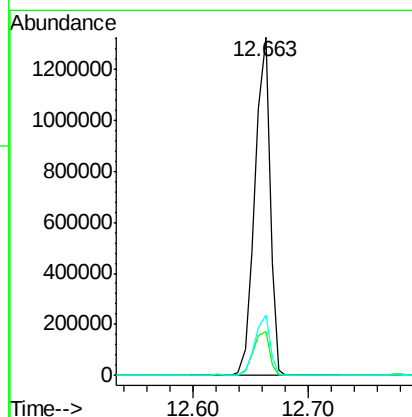
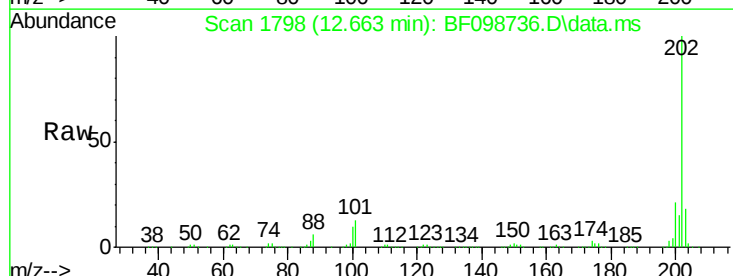
Instrument :
BNA_F
ClientSampleId :

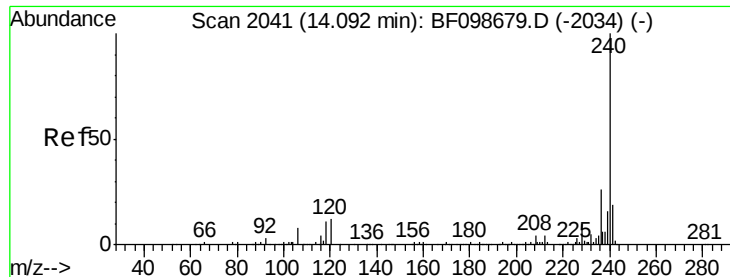
Tot Ion:149 Resp: 1486178
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 38.31 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion:202 Resp: 1215572
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.086 min Scan# 2041

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

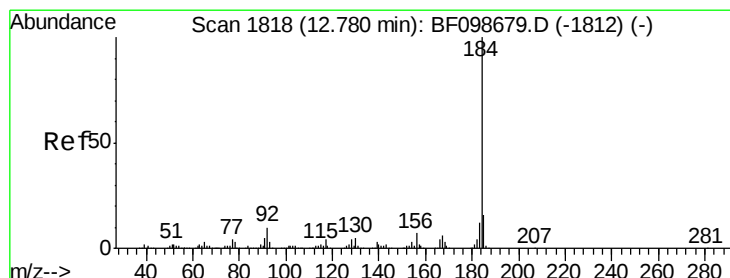
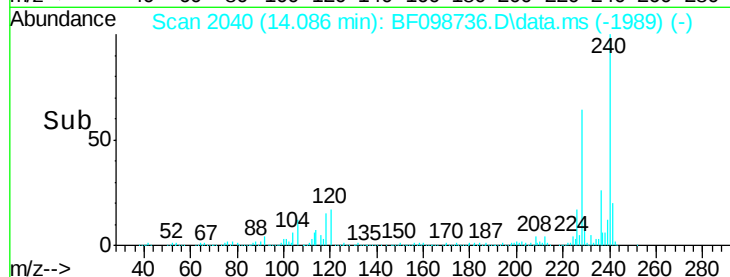
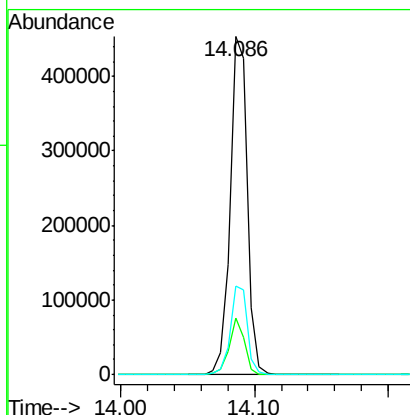
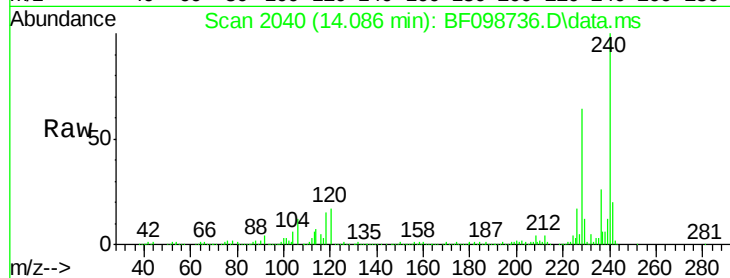
Tot Ion:240 Resp: 411761

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

236 26.2 20.7 31.1



#76

Benzidine

Concen: 38.97 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

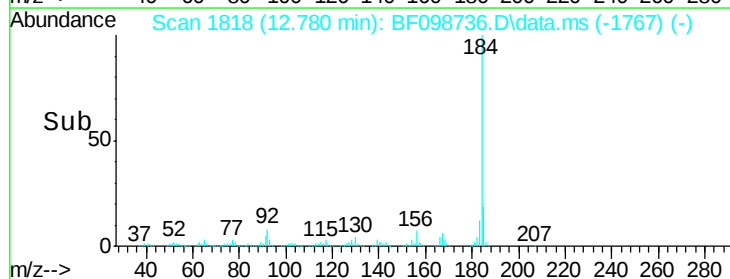
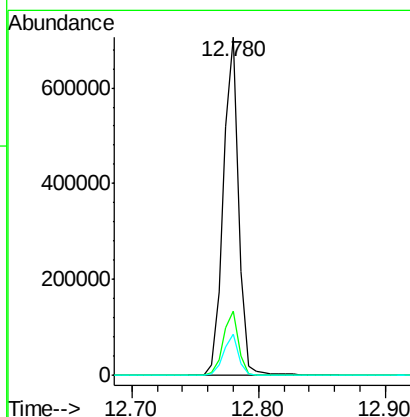
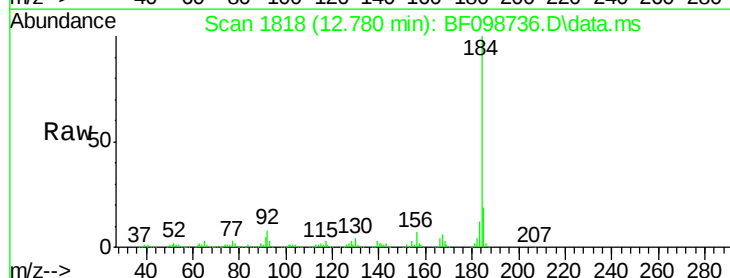
Tgt Ion:184 Resp: 593448

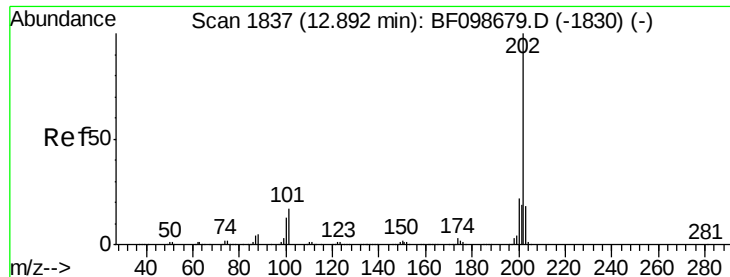
Ion Ratio Lower Upper

184 100

185 19.1 12.6 18.8#

183 12.3 9.3 13.9

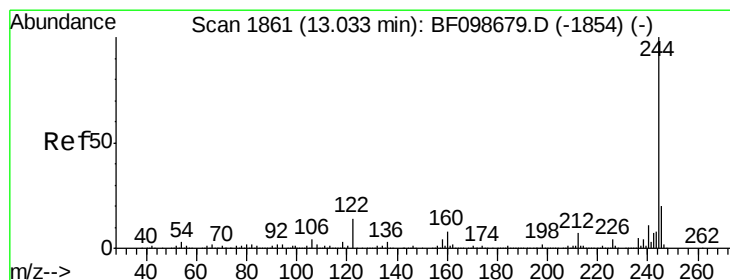
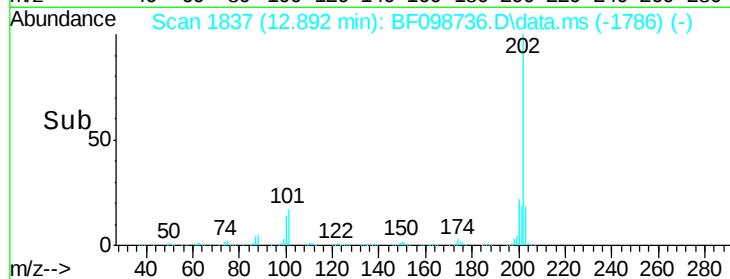
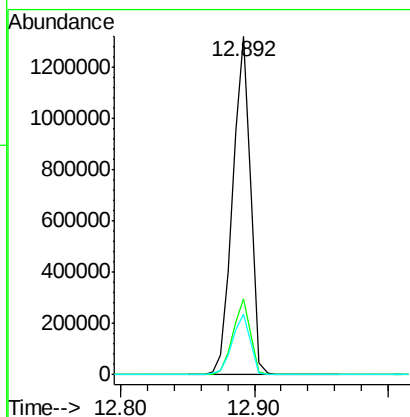
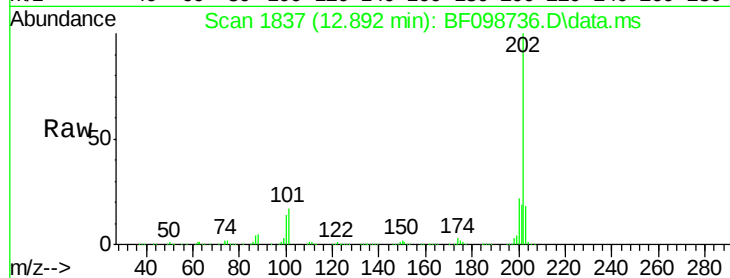




#77
 Pvrene
 Concen: 39.61 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

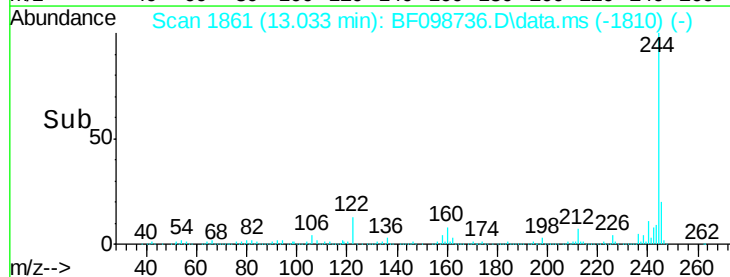
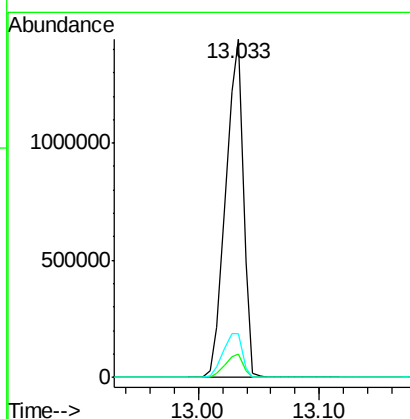
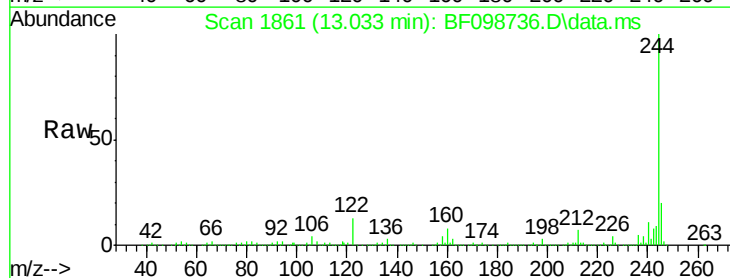
Instrument :
 BNA_F
 ClientSampleId :

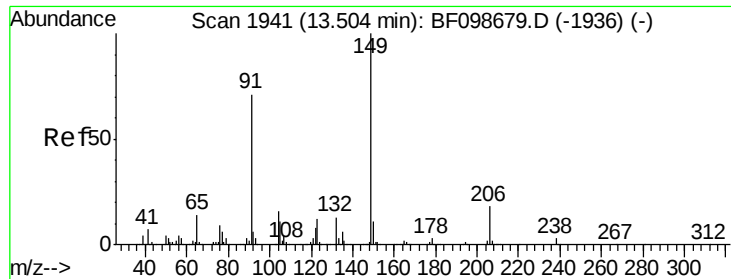
Tot Ion:202 Resp: 1243821
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 18.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 80.57 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion:244 Resp: 1458707
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.8 11.0 16.4

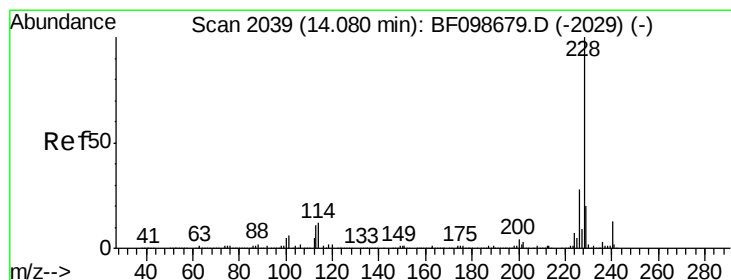
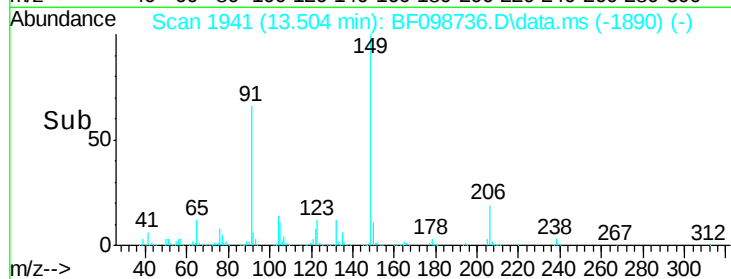
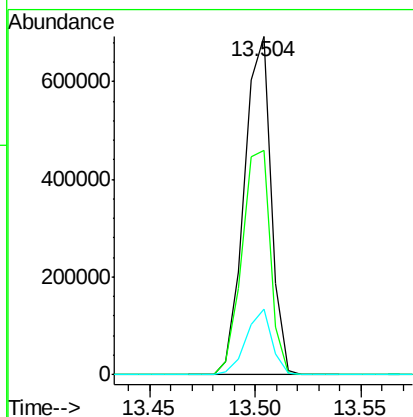
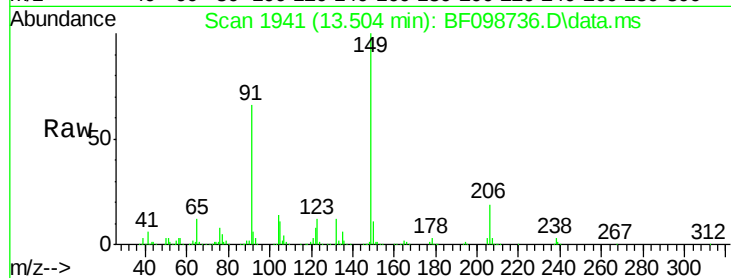




#79
Butylbenzylphthalate
Concen: 41.38 ng
RT: 13.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

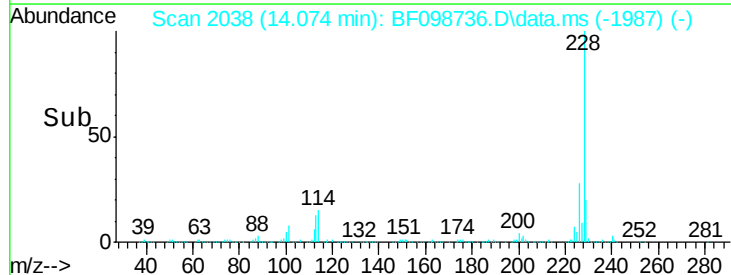
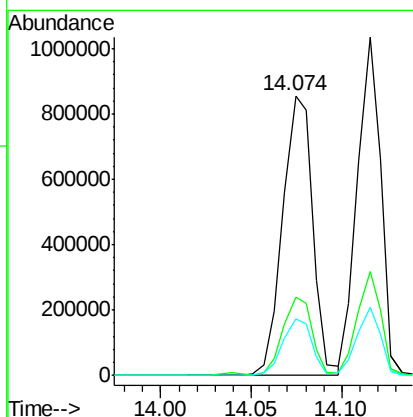
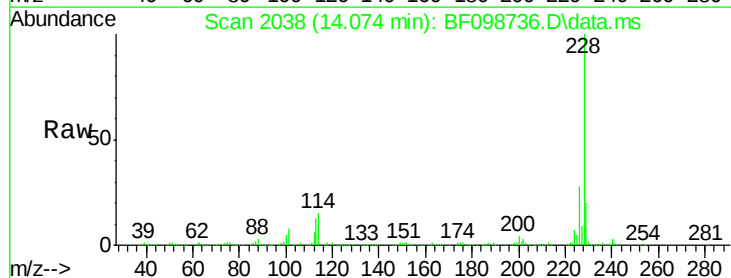
Instrument :
BNA_F
ClientSampleId :

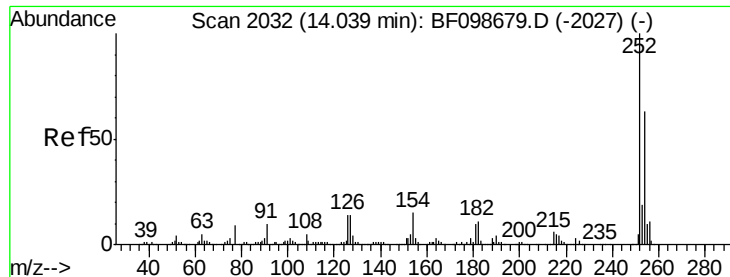
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.2	56.8	85.2
206	19.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.87 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.0	15.8	23.6

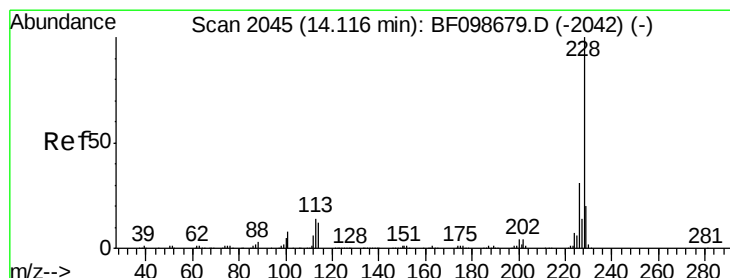
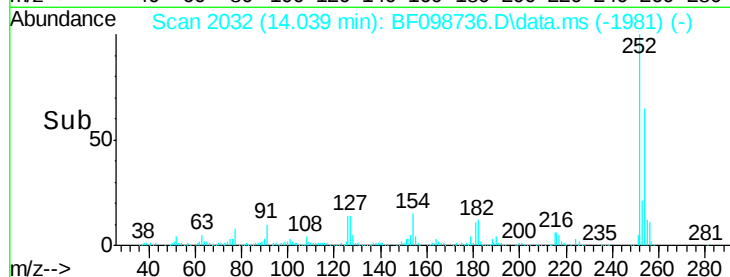
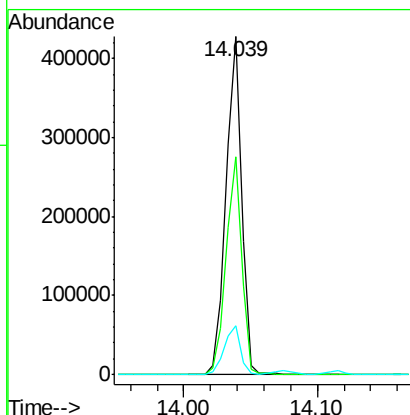
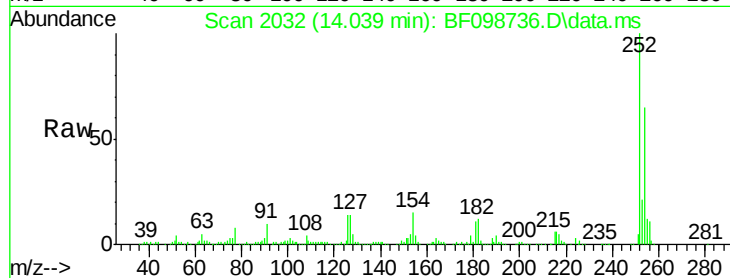




#81
 3,3'-Dichlorobenzidine
 Concen: 39.21 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

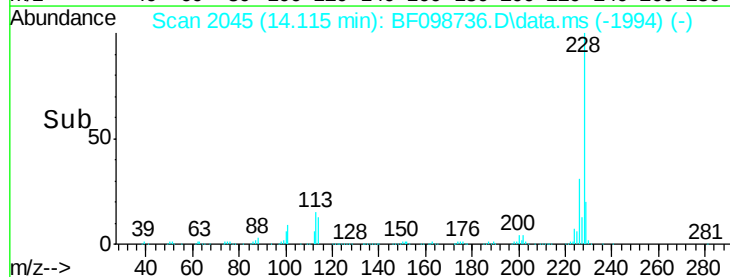
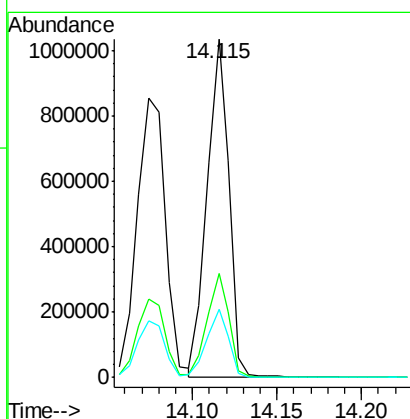
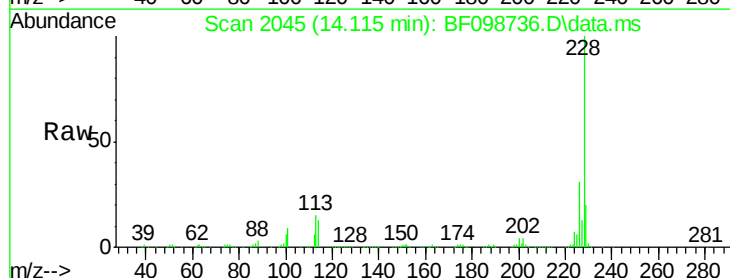
Instrument :
 BNA_F
 ClientSampleId :

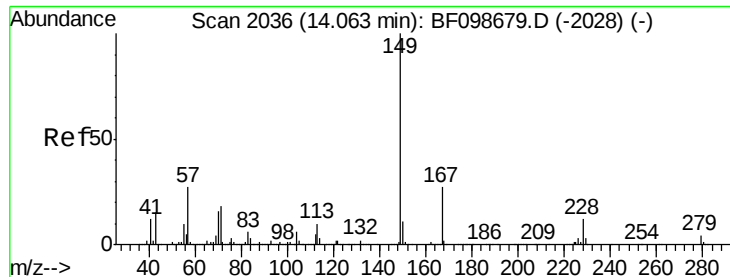
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	14.4	11.3	16.9



#82
 Chrysene
 Concen: 39.53 ng
 RT: 14.115 min Scan# 2045
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.10 ng

RT: 14.057 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

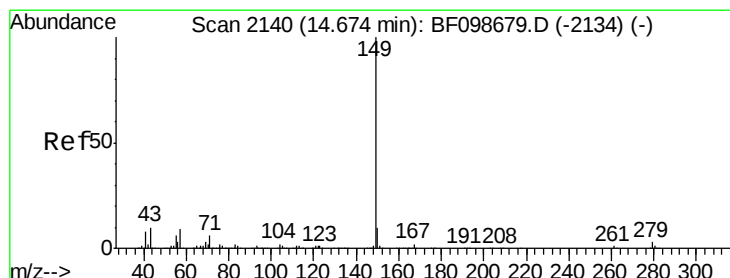
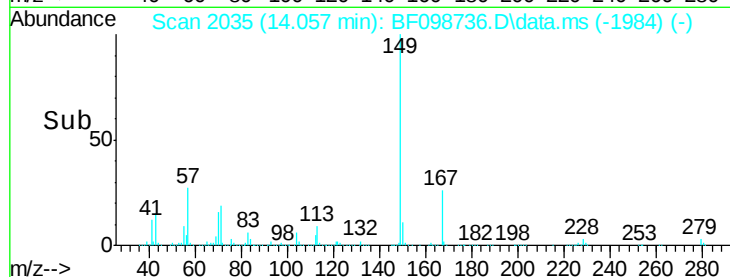
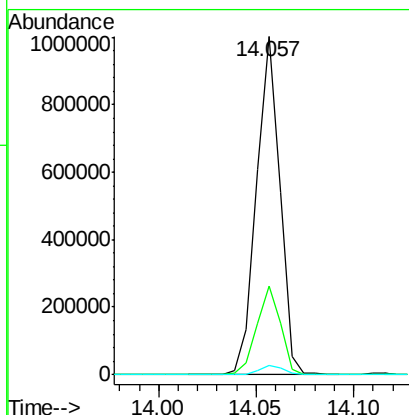
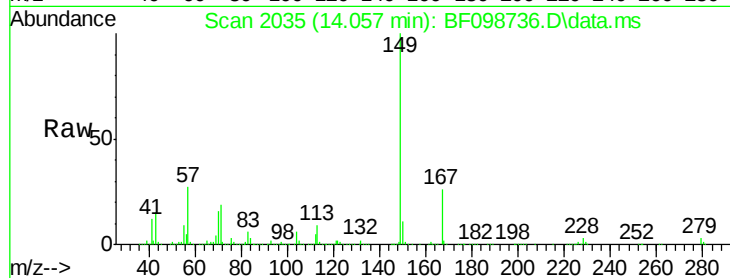
Tot Ion:149 Resp: 835094

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

279 2.8 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 40.97 ng

RT: 14.674 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

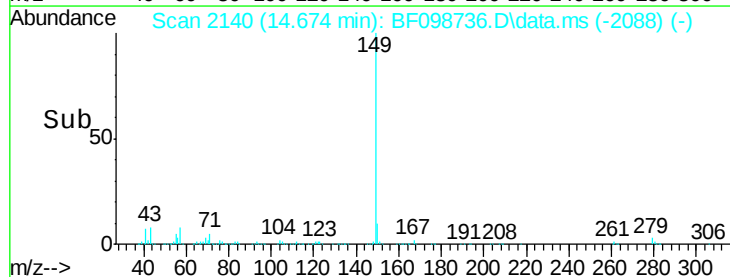
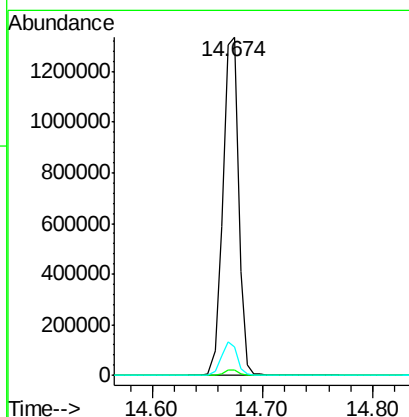
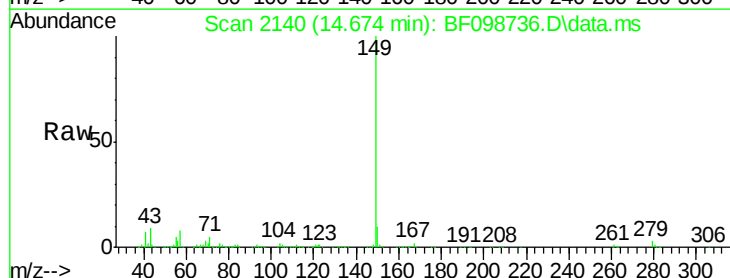
Tgt Ion:149 Resp: 1340427

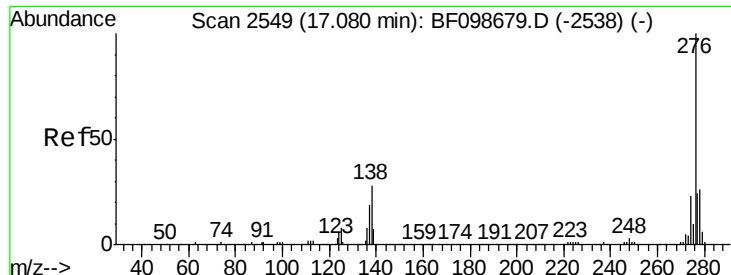
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 9.7 8.4 12.6

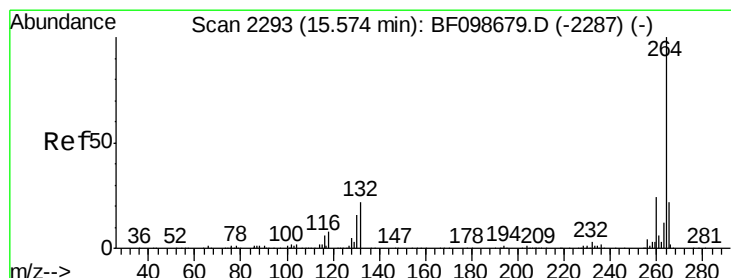
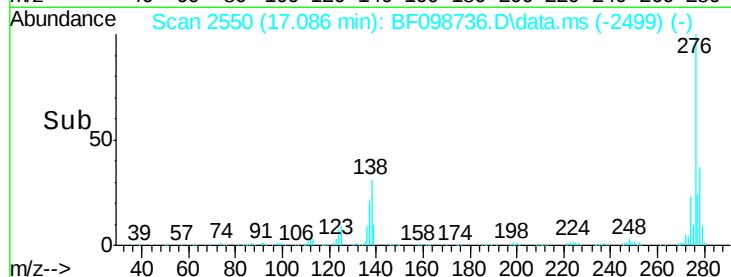
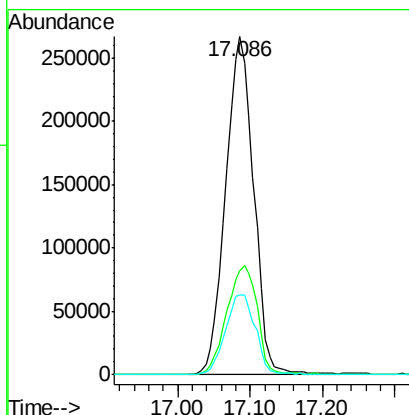
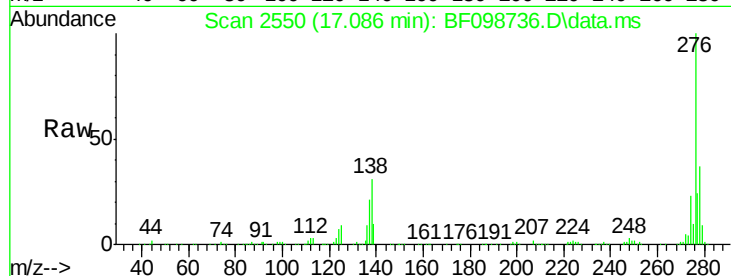




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.71 ng
 RT: 17.086 min Scan# 2549
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

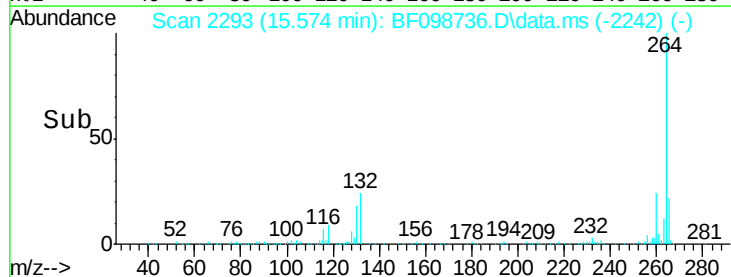
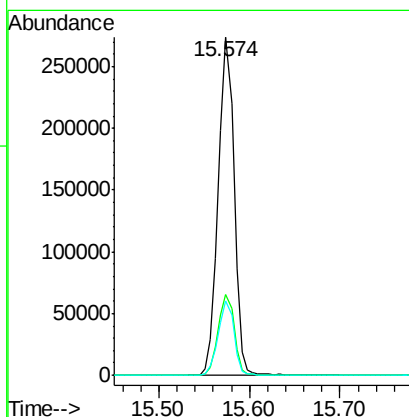
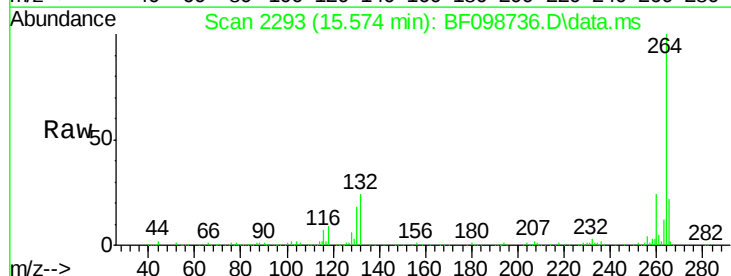
Instrument :
 BNA_F
 ClientSampleId :

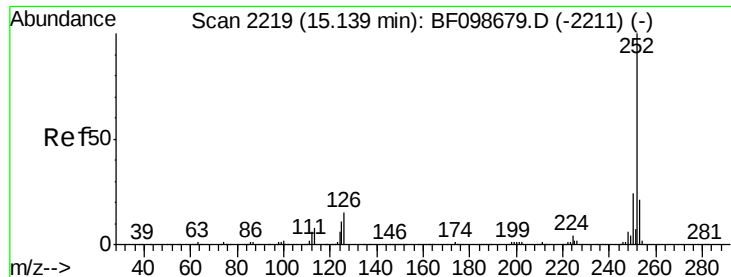
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.000 min
 Lab File: BF098736.D
 Acq: 23 Sep 2017 13:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

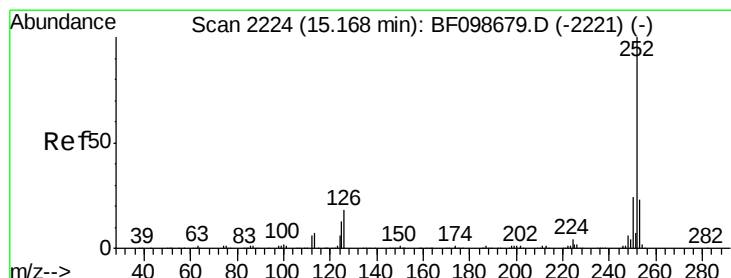
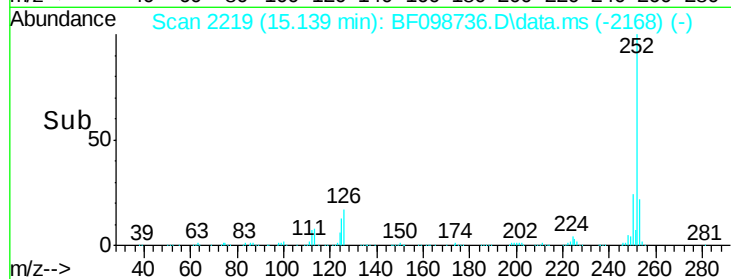
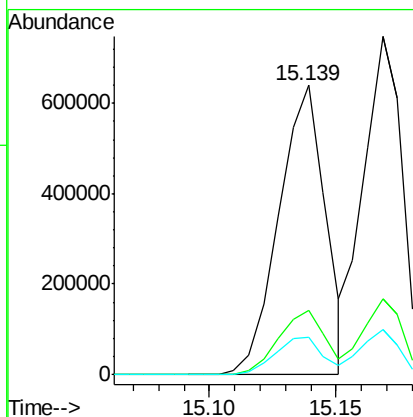
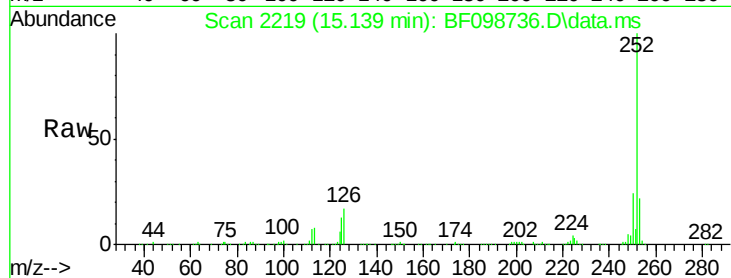




#87
Benzo(b)fluoranthene
Concen: 39.95 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

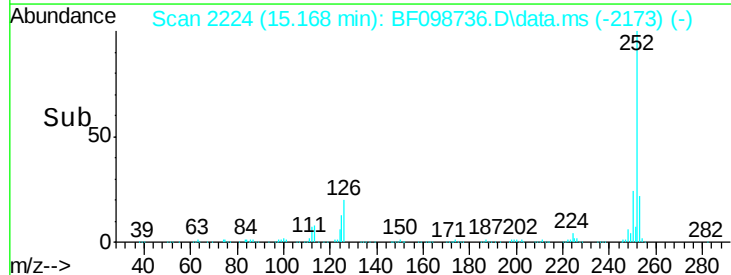
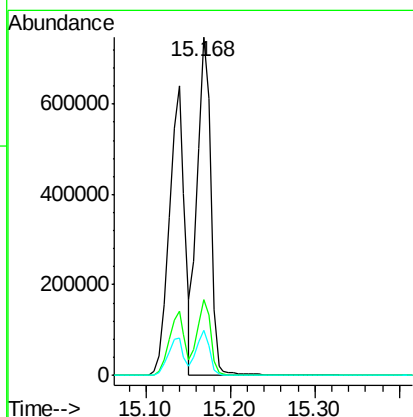
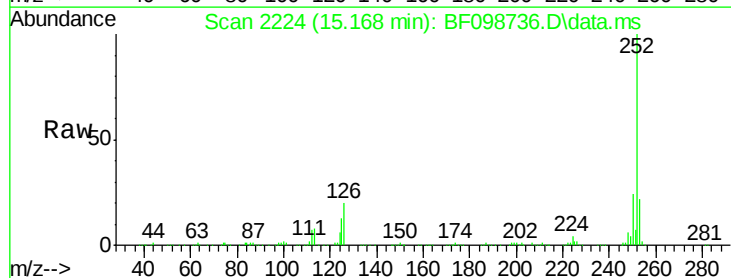
Instrument :
BNA_F
ClientSampleId :

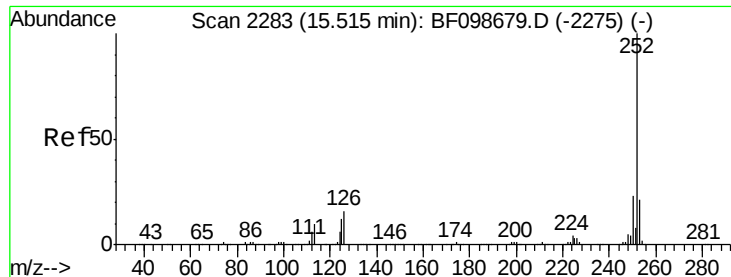
Tot Ion:252 Resp: 816656
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.56 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BF098736.D
Acq: 23 Sep 2017 13:46

Tgt Ion:252 Resp: 818838
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.91 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

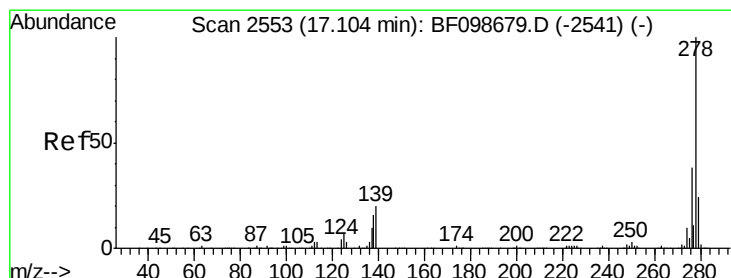
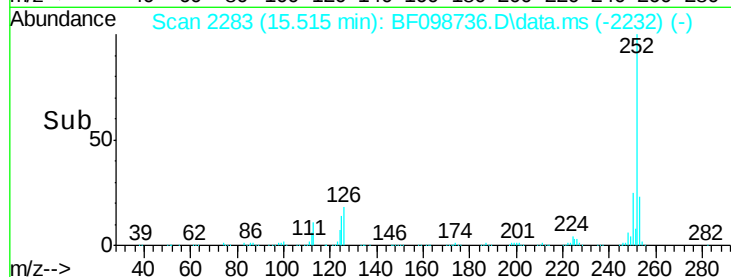
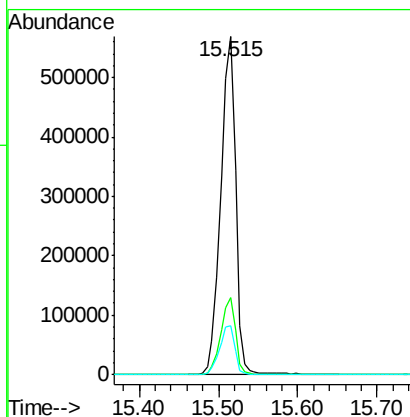
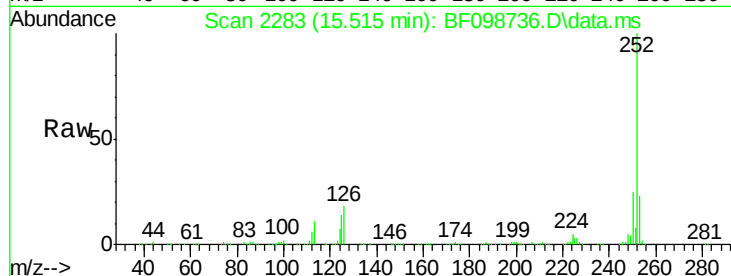
Tot Ion:252 Resp: 748918

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 14.4 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 39.11 ng

RT: 17.103 min Scan# 2553

Delta R.T. -0.000 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

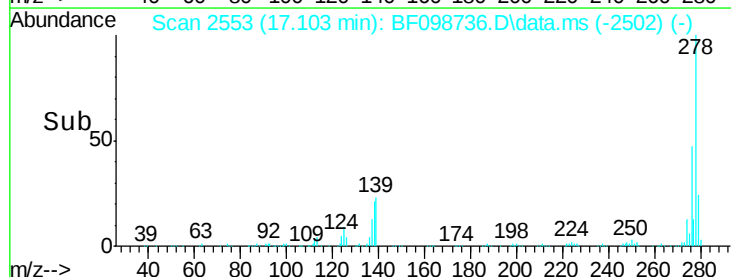
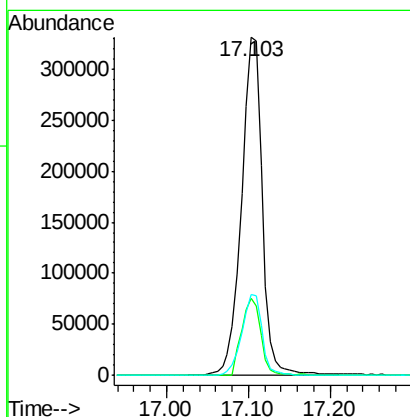
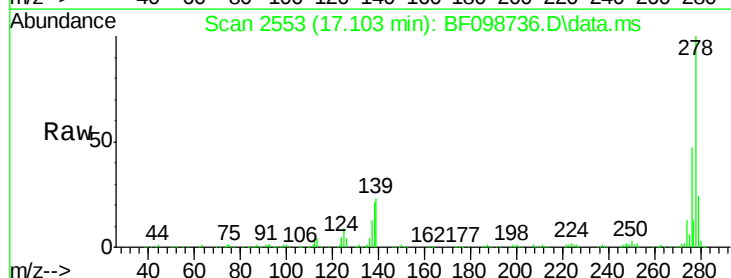
Tgt Ion:278 Resp: 587249

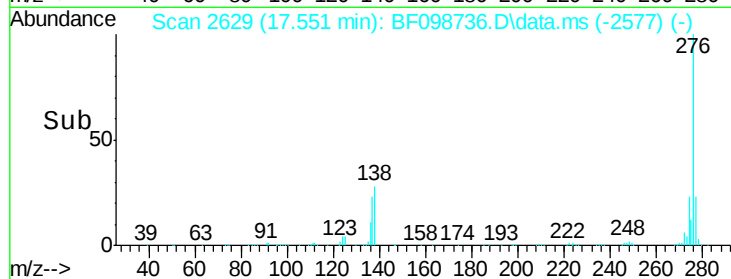
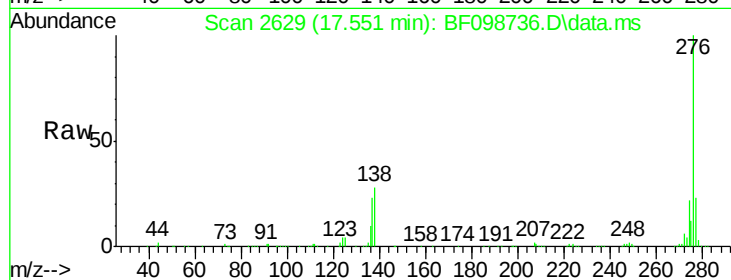
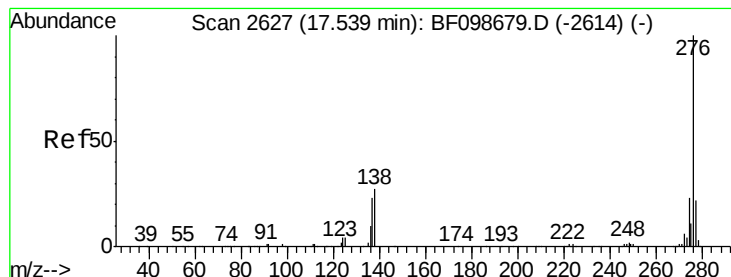
Ion Ratio Lower Upper

278 100

139 22.8 15.9 23.9

279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.78 ng

RT: 17.551 min Scan# 26

Delta R.T. 0.006 min

Lab File: BF098736.D

Acq: 23 Sep 2017 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 575612

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 27.9 21.8 32.8

