

Data Path : Z:\HPCHEM1\BNA F\Data\BF092317\
 Data File : BF098734.D
 Acq On : 23 Sep 2017 12:50
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 13:18:34 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	165297	20.00	ng	0.00
21) Naphthalene-d8	8.210	136	706388	20.00	ng	0.00
38) Acenaphthene-d10	9.963	164	320667	20.00	ng	0.00
63) Phenanthrene-d10	11.451	188	553783	20.00	ng	0.00
75) Chrysene-d12	14.092	240	386493	20.00	ng	0.00
86) Perylene-d12	15.574	264	308612	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.540	112	1199095	110.16	ng	0.00
7) Phenol-d6	6.551	99	1489321	112.98	ng	0.00
23) Nitrobenzene-d5	7.492	82	1288498	123.73	ng	0.00
41) 2,4,6-Tribromophenol	10.757	330	304577	103.86	ng	0.00
44) 2-Fluorobiphenyl	9.286	172	2076064	103.02	ng	0.00
78) Terphenyl-d14	13.033	244	1930161	107.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.757	88	292414	56.87	ng	99
3) Pyridine	3.534	79	798114	58.41	ng	96
4) n-Nitrosodimethylamine	3.498	42	342310	57.17	ng	# 96
6) Aniline	6.598	93	1018931	58.35	ng	99
8) 2-Chlorophenol	6.710	128	673422	56.95	ng	99
9) Benzaldehyde	6.481	77	388394	52.53	ng	96
10) Phenol	6.563	94	827907	56.91	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	649892	57.98	ng	98
12) 1,3-Dichlorobenzene	6.869	146	709587	56.81	ng	98
13) 1,4-Dichlorobenzene	6.945	146	717584	56.77	ng	98
14) 1,2-Dichlorobenzene	7.098	146	652033	55.31	ng	99
15) Benzyl Alcohol	7.063	79	540027	56.78	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1009148	56.50	ng	98
17) 2-Methylphenol	7.169	107	565116	58.65	ng	99
18) Hexachloroethane	7.439	117	260689	59.90	ng	98
19) n-Nitroso-di-n-propyla...	7.345	70	466618	57.14	ng	96
20) 3+4-Methylphenols	7.328	107	675895	54.41	ng	91
22) Acetophenone	7.339	105	933092	53.40	ng	96
24) Nitrobenzene	7.510	77	713589	59.33	ng	100
25) Isophorone	7.751	82	1339819	58.99	ng	100
26) 2-Nitrophenol	7.822	139	376398	76.99	ng	97
27) 2,4-Dimethylphenol	7.857	122	648984	58.18	ng	96
28) bis(2-Chloroethoxy)met...	7.957	93	821451	58.12	ng	100
29) 2,4-Dichlorophenol	8.063	162	567488	59.15	ng	97
30) 1,2,4-Trichlorobenzene	8.145	180	552460	57.09	ng	99
31) Naphthalene	8.233	128	1829105	54.56	ng	100
32) Benzoic acid	8.004	122	595672	99.95	ng	97
33) 4-Chloroaniline	8.275	127	777229	55.76	ng	99
34) Hexachlorobutadiene	8.345	225	283080	54.30	ng	100
35) Caprolactam	8.675	113	157467	52.63	ng	94
36) 4-Chloro-3-methylphenol	8.757	107	628699	57.41	ng	94
37) 2-Methylnaphthalene	8.922	142	1200036	55.75	ng	100
39) 1,2,4,5-Tetrachloroben...	9.086	216	530619	55.95	ng	99
40) Hexachlorocyclopentadiene	9.069	237	268914	65.25	ng	97

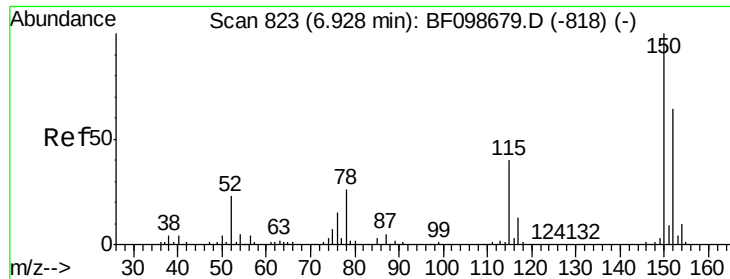
Data Path : Z:\HPCHEM1\BNA F\Data\BF092317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.192	196	395715	61.91	nq	99
43) 2,4,5-Trichlorophenol	9.233	196	389334	59.41	nq	95
45) 1,1'-Biphenyl	9.386	154	1499668	54.44	nq	99
46) 2-Chloronaphthalene	9.410	162	1148729	55.61	nq	99
47) 2-Nitroaniline	9.504	65	374888	64.63	nq	99
48) Acenaphthylene	9.827	152	1762800	55.48	nq	99
49) Dimethylphthalate	9.686	163	1376714	57.25	nq	99
50) 2,6-Dinitrotoluene	9.751	165	316291	66.65	nq	89
51) Acenaphthene	10.004	154	1112964	56.43	nq	98
52) 3-Nitroaniline	9.922	138	364449	64.43	nq	93
53) 2,4-Dinitrophenol	10.022	184	161131	107.24	nq	90
54) Dibenzofuran	10.175	168	1468792	54.54	nq	99
55) 4-Nitrophenol	10.069	139	318451	64.69	nq	90
56) 2,4-Dinitrotoluene	10.151	165	415145	65.12	nq	96
57) Fluorene	10.516	166	1133536	52.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.280	232	269592	57.82	nq	97
59) Diethylphthalate	10.386	149	1311887	55.67	nq	98
60) 4-Chlorophenyl-phenyle...	10.504	204	519916	54.83	nq	97
61) 4-Nitroaniline	10.539	138	354812	65.40	nq	96
62) Azobenzene	10.663	77	1199047	54.40	nq	97
64) 4,6-Dinitro-2-methylph...	10.563	198	225075	93.89	nq	78
65) n-Nitrosodiphenylamine	10.622	169	1076448	56.47	nq	99
66) 4-Bromophenyl-phenylether	10.992	248	315757	56.47	nq	99
67) Hexachlorobenzene	11.063	284	333961	52.41	nq	93
68) Atrazine	11.151	200	324174	56.54	nq	99
69) Pentachlorophenol	11.251	266	222282	61.04	nq	98
70) Phenanthrene	11.474	178	1632221	54.33	nq	100
71) Anthracene	11.527	178	1675793	54.71	nq	100
72) Carbazole	11.680	167	1654605	55.28	nq	99
73) Di-n-butylphthalate	12.004	149	1971092	56.70	nq	100
74) Fluoranthene	12.663	202	1653451	55.23	nq	99
76) Benzidine	13.033	184	26181	1.67	nq	95
77) Pyrene	12.898	202	1700275	59.26	nq	99
79) Butylbenzylphthalate	13.504	149	832309	70.11	nq	98
80) Benzo(a)anthracene	14.080	228	1347903	57.90	nq	100
81) 3,3'-Dichlorobenzidine	14.045	252	483928	58.25	nq	96
82) Chrysene	14.121	228	1256161	55.87	nq	100
83) Bis(2-ethylhexyl)phtha...	14.057	149	1113355	67.80	nq	# 99
84) Di-n-octyl phthalate	14.674	149	1804371	73.17	nq	98
85) Indeno(1,2,3-cd)pyrene	17.092	276	1019641	58.47	nq	97
87) Benzo(b)fluoranthene	15.174	252	1052632	58.81	nq	98
88) Benzo(k)fluoranthene	15.174	252	1052632	58.85	nq	98
89) Benzo(a)pyrene	15.521	252	1018084	62.63	nq	97
90) Dibenzo(a,h)anthracene	17.115	278	826180	60.10	nq	97
91) Benzo(g,h,i)perylene	17.556	276	834155	60.36	nq	97

(#) = 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: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

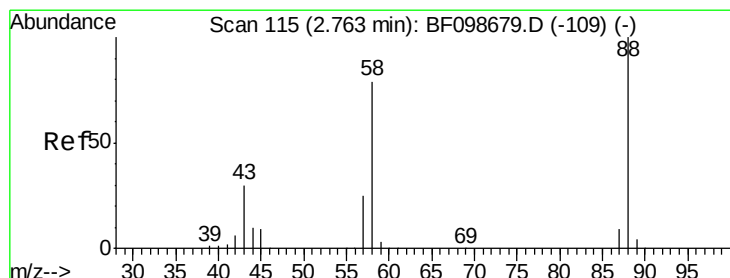
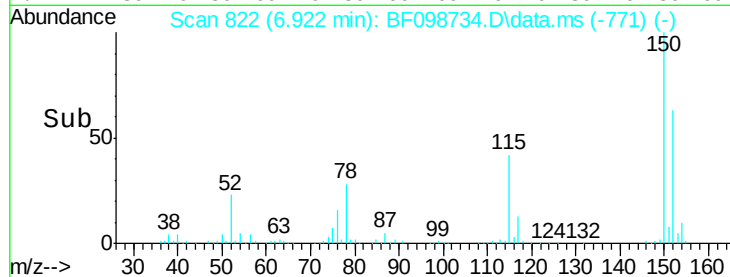
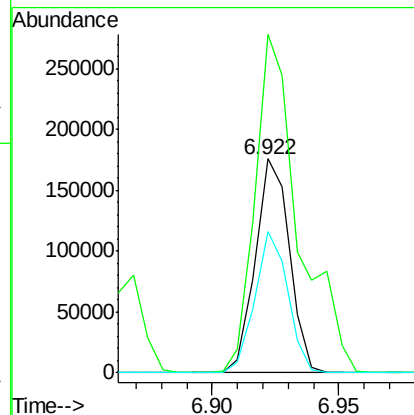
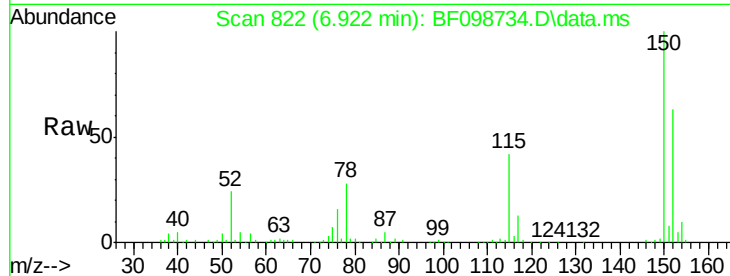
Tot Ion:152 Resp: 165297

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

115 66.1 50.1 75.1



#2

1,4-Dioxane

Concen: 56.87 ng

RT: 2.757 min Scan# 114

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

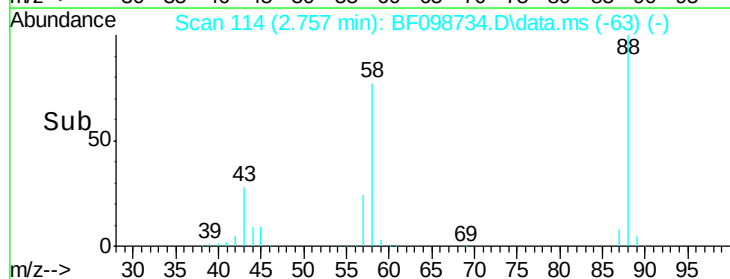
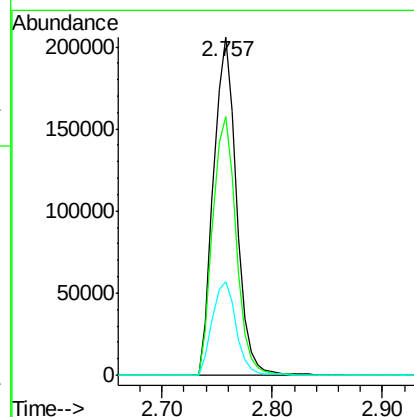
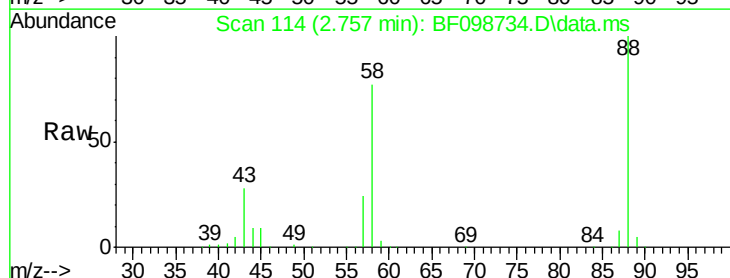
Tgt Ion: 88 Resp: 292414

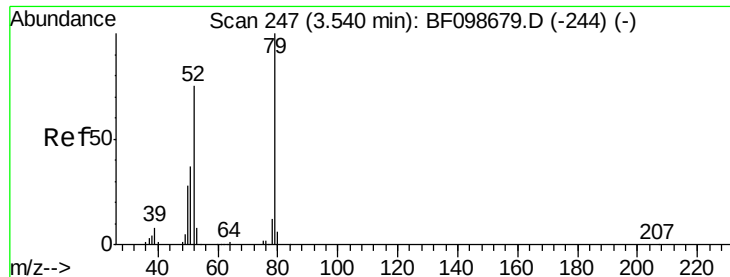
Ion Ratio Lower Upper

88 100

58 77.9 62.6 93.8

43 28.7 24.6 37.0





#3

Pvridine

Concen: 58.41 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

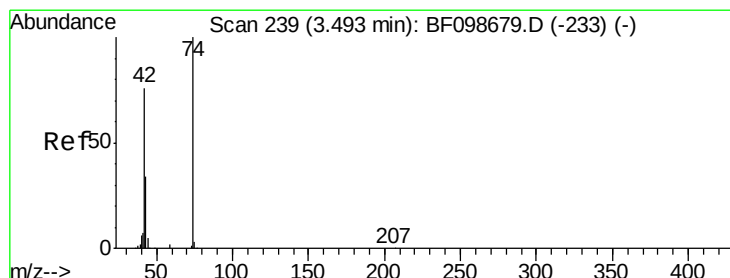
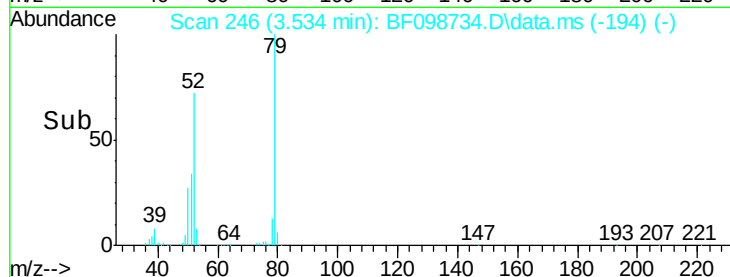
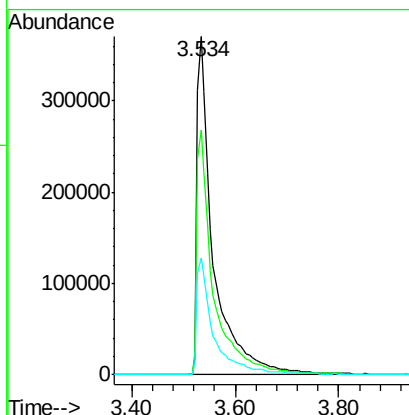
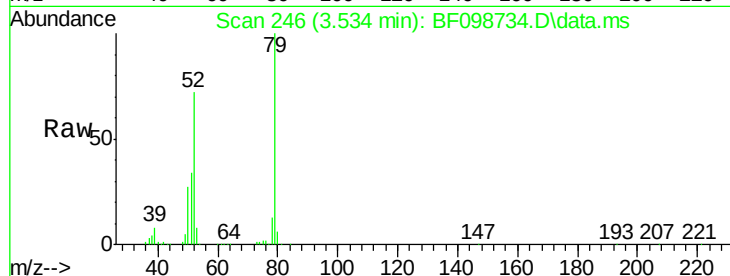
Tot Ion: 79 Resp: 798114

Ion Ratio Lower Upper

79 100

52 72.2 59.8 89.6

51 34.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 57.17 ng

RT: 3.498 min Scan# 240

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

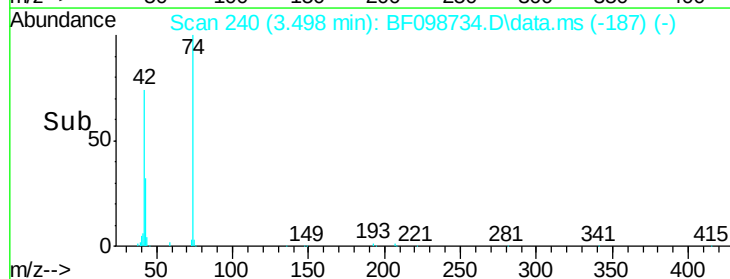
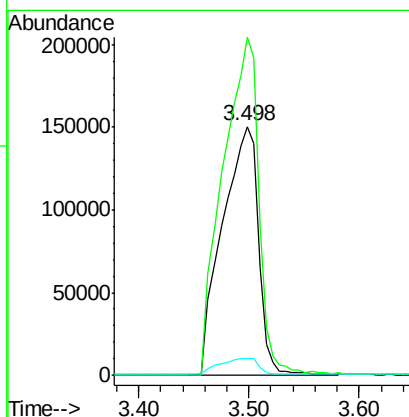
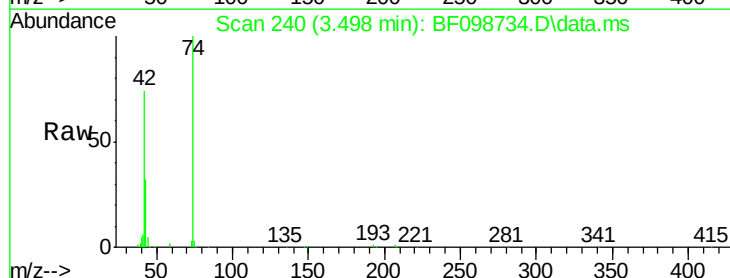
Tgt Ion: 42 Resp: 342310

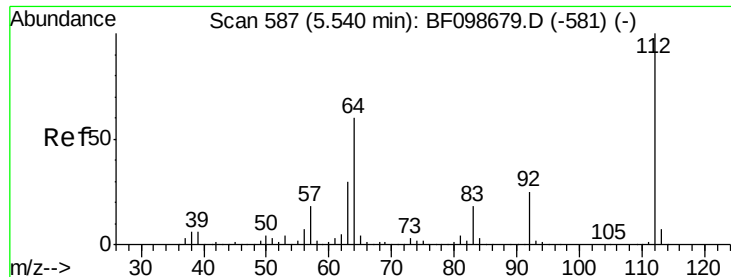
Ion Ratio Lower Upper

42 100

74 136.0 104.9 157.3

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 110.16 ng

RT: 5.540 min Scan# 58

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

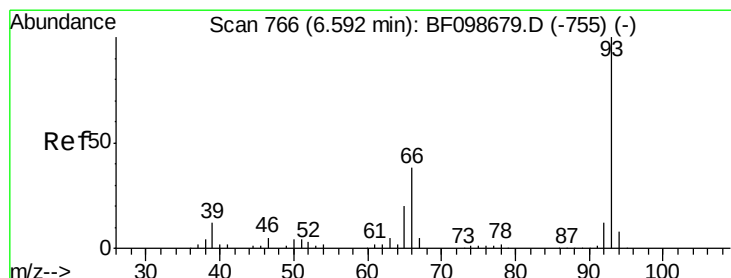
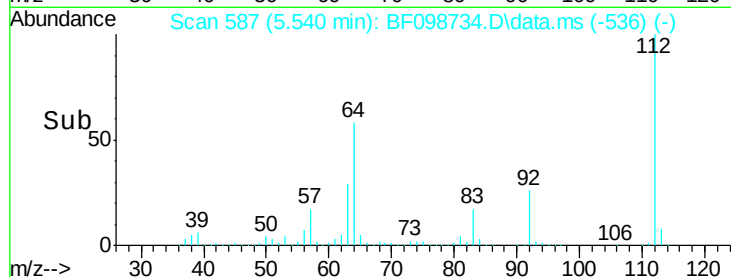
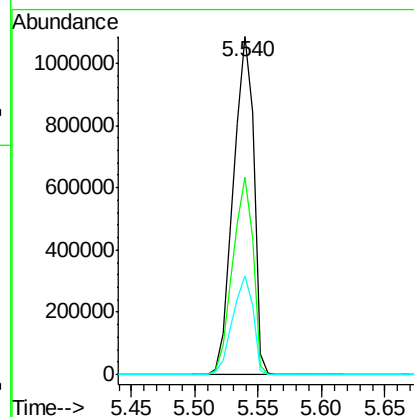
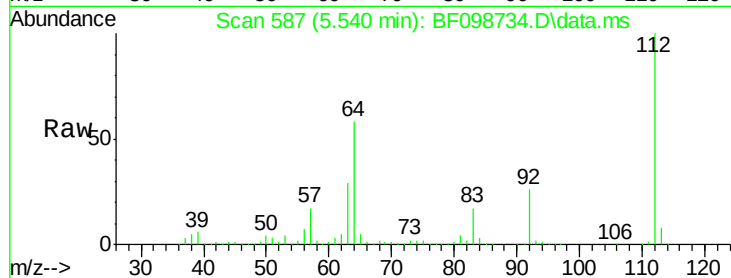
Tot Ion:112 Resp: 1199095

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

63 29.3 23.7 35.5



#6

Aniline

Concen: 58.35 ng

RT: 6.598 min Scan# 767

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

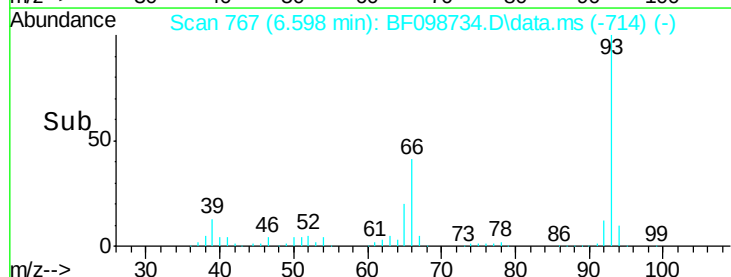
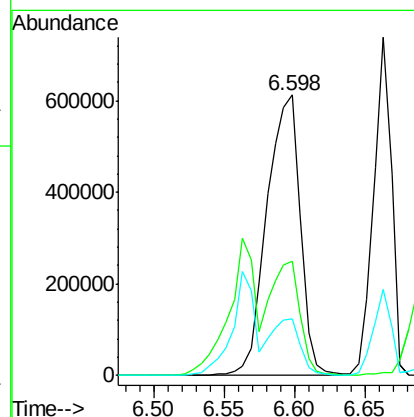
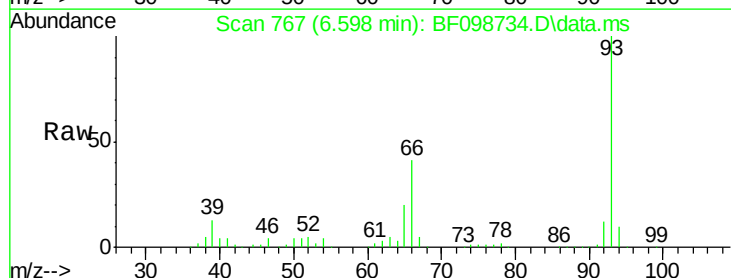
Tgt Ion: 93 Resp: 1018931

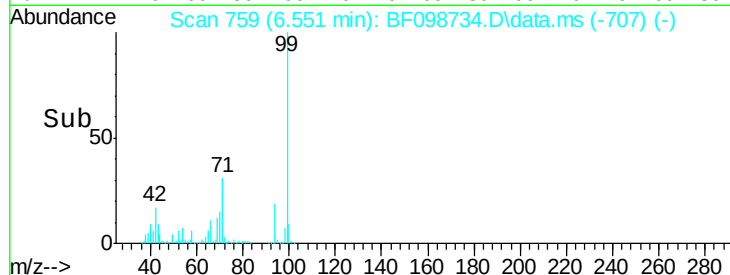
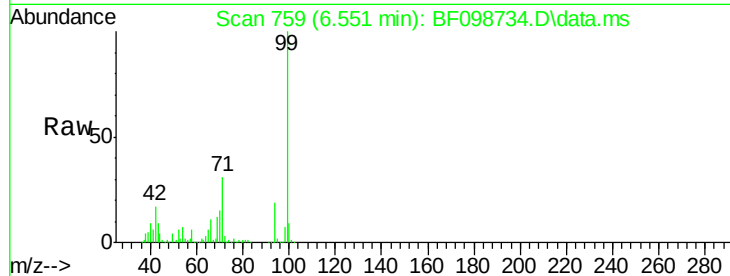
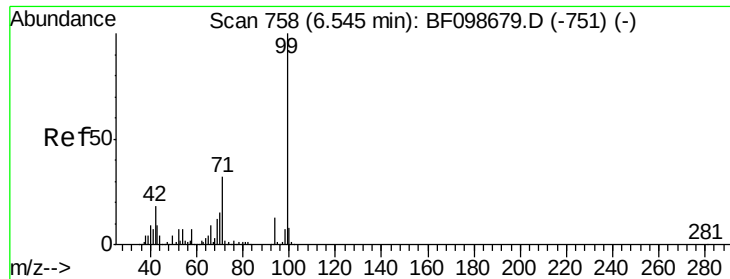
Ion Ratio Lower Upper

93 100

66 40.6 32.2 48.2

65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 112.98 ng

RT: 6.551 min Scan# 75

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

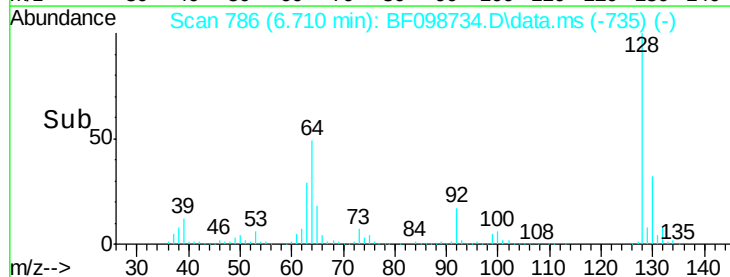
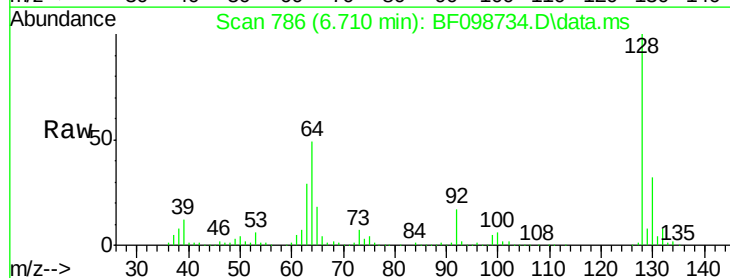
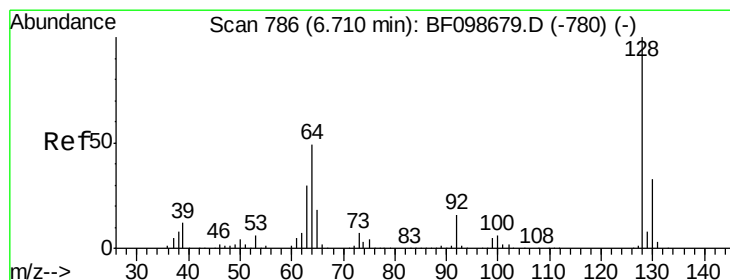
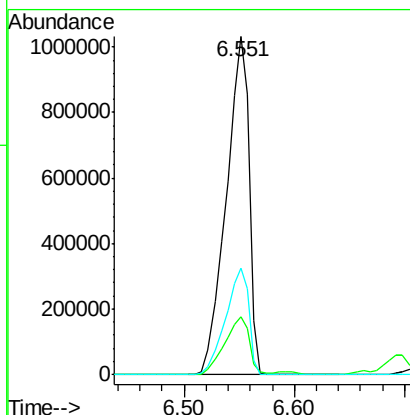
Tot Ion: 99 Resp: 1489321

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 31.5 25.4 38.0



#8

2-Chlorophenol

Concen: 56.95 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

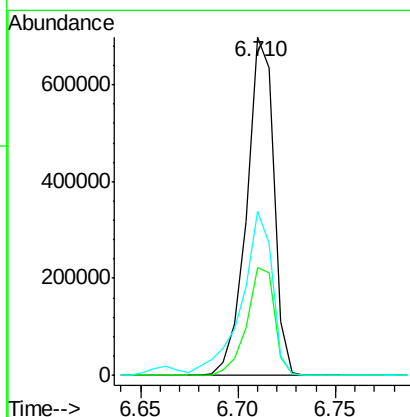
Tgt Ion: 128 Resp: 673422

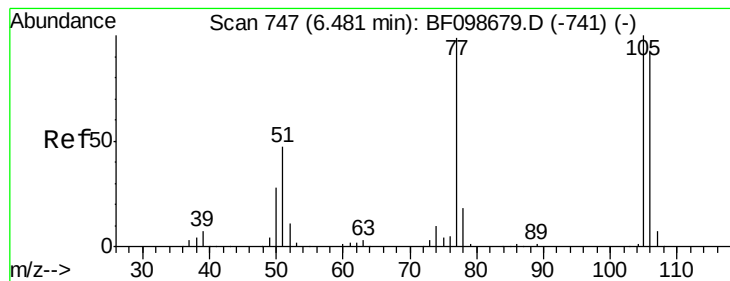
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 48.7 29.4 69.4





#9

Benzaldehyde

Concen: 52.53 ng

RT: 6.481 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

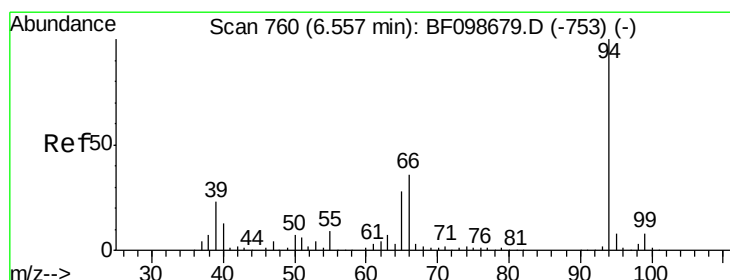
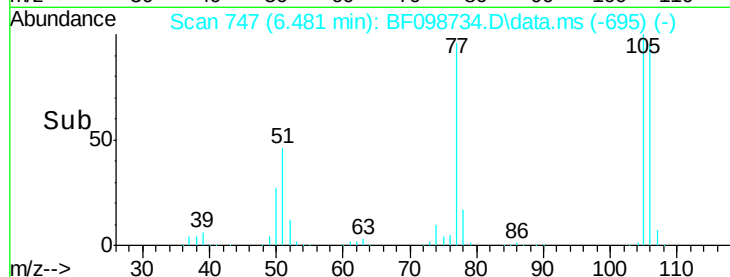
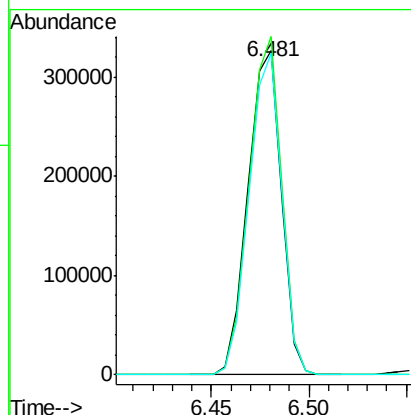
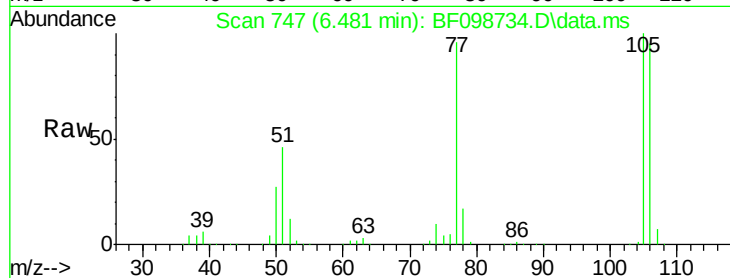
Tot Ion: 77 Resp: 388394

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

106 99.2 74.5 114.5



#10

Phenol

Concen: 56.91 ng

RT: 6.563 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

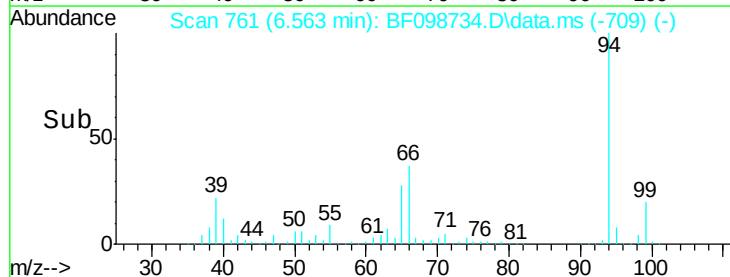
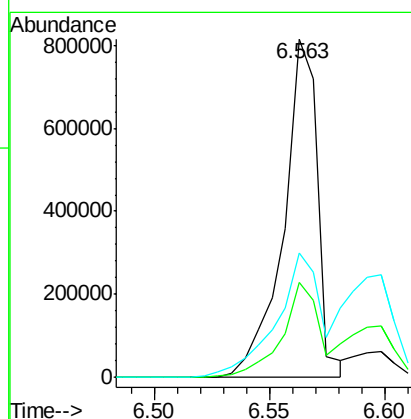
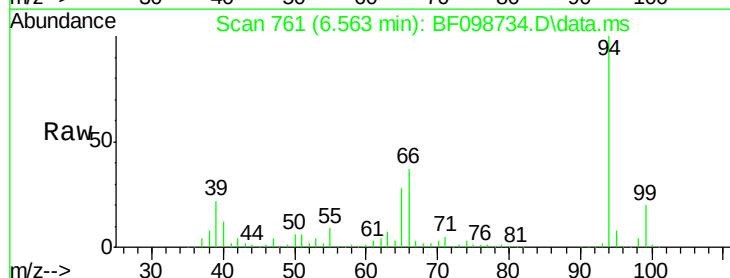
Tgt Ion: 94 Resp: 827907

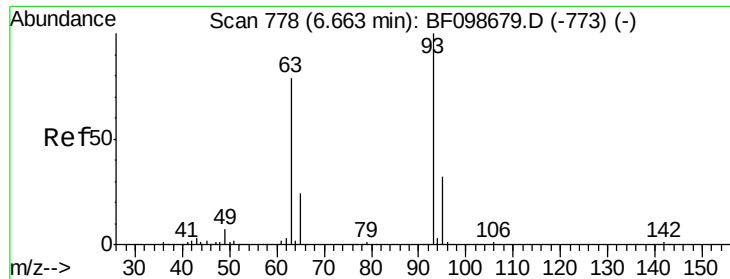
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 36.9 16.2 56.2

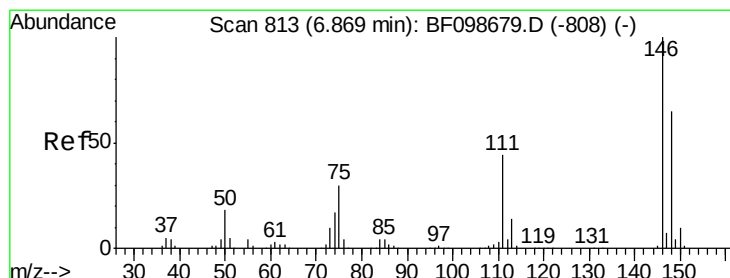
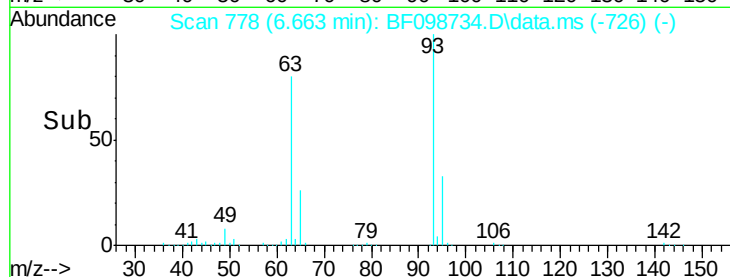
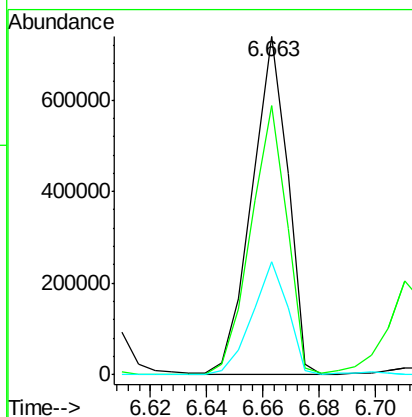
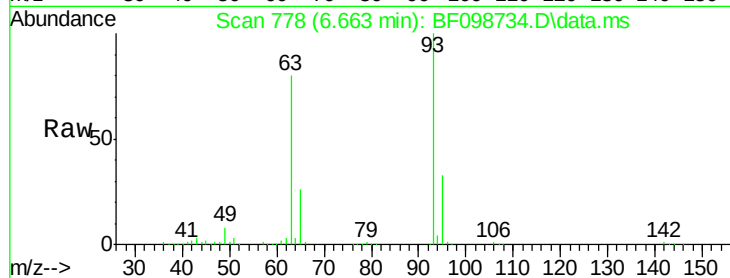




#11
bis(2-Chloroethyl)ether
Concen: 57.98 ng
RT: 6.663 min Scan# 77
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

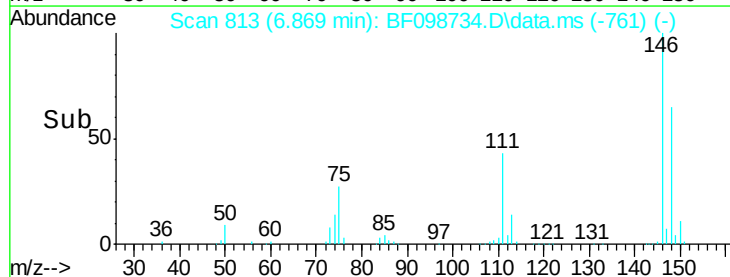
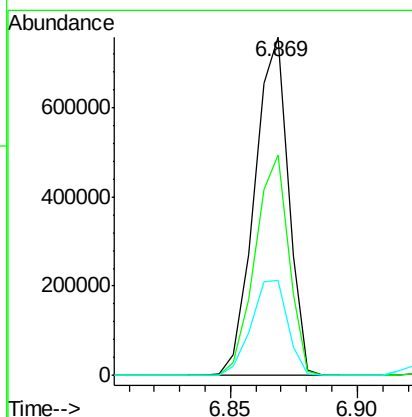
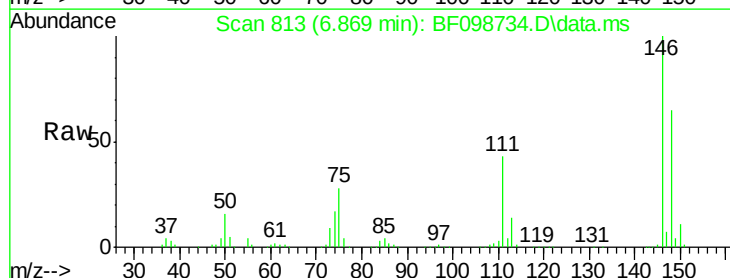
Instrument :
BNA_F
ClientSampleId :

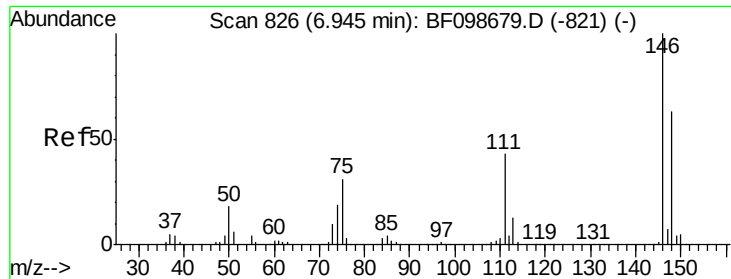
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	58.6	98.6
95	33.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 56.81 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	28.2	24.2	36.4

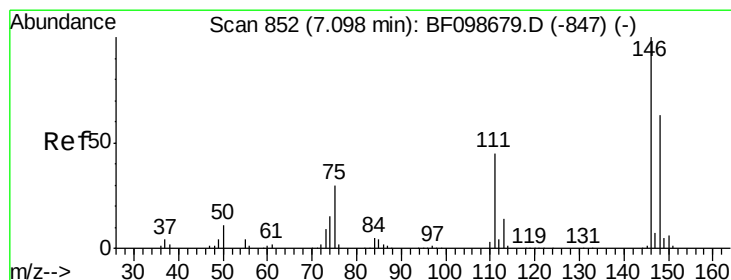
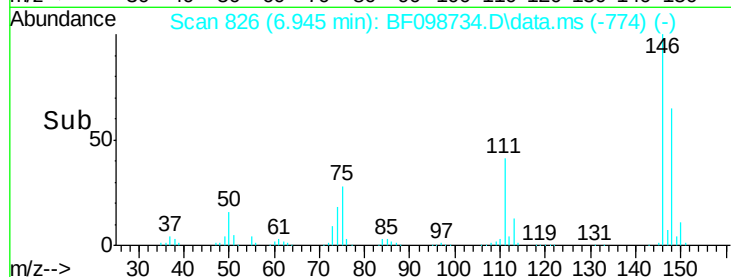
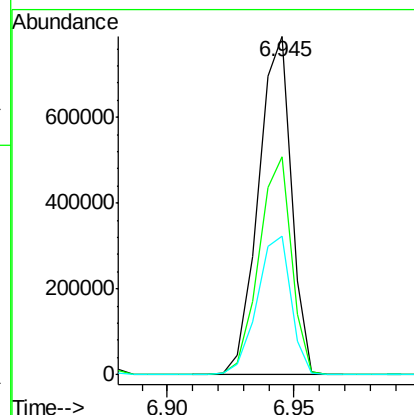
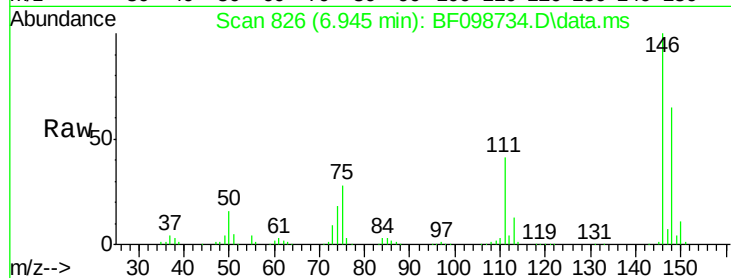




#13
 1,4-Dichlorobenzene
 Concen: 56.77 ng
 RT: 6.945 min Scan# 82
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

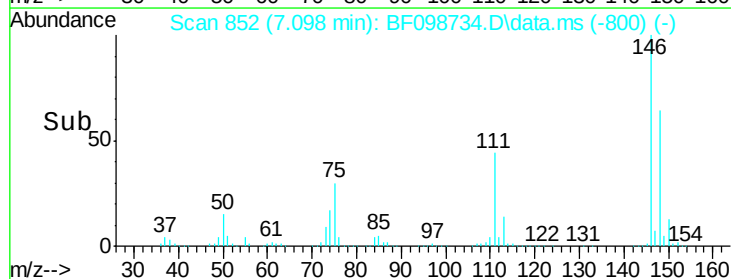
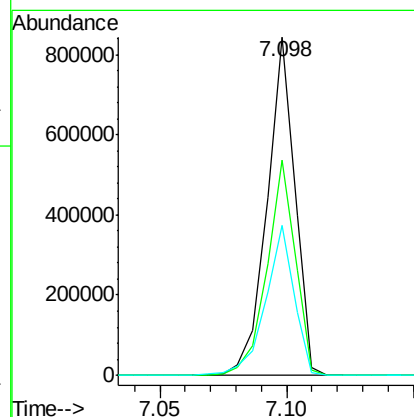
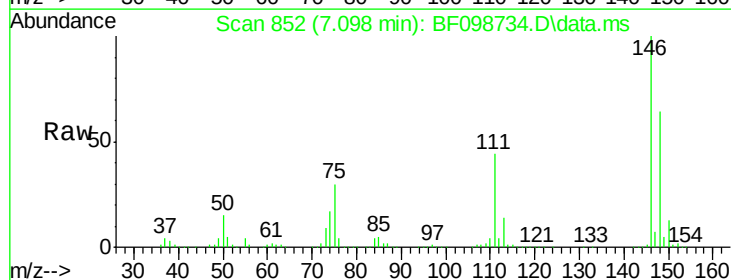
Instrument :
 BNA_F
 ClientSampleId :

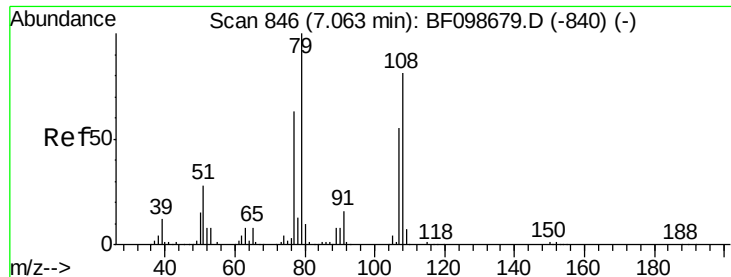
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	41.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 55.31 ng
 RT: 7.098 min Scan# 852
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	44.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 56.78 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampled :

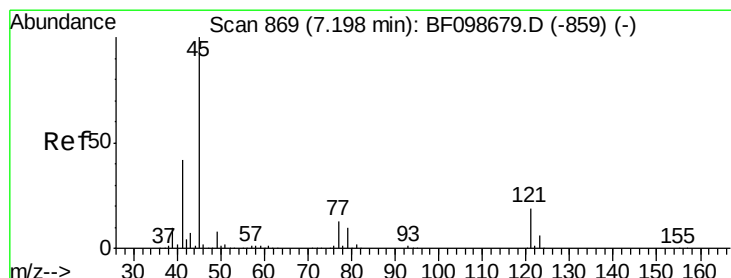
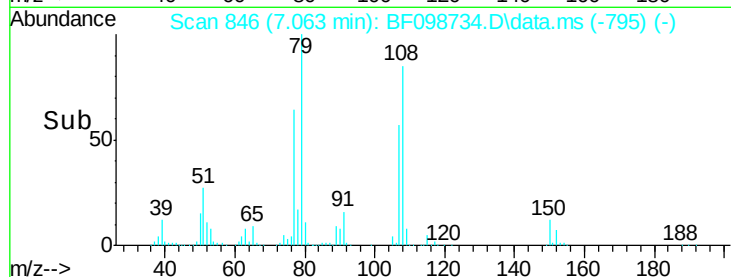
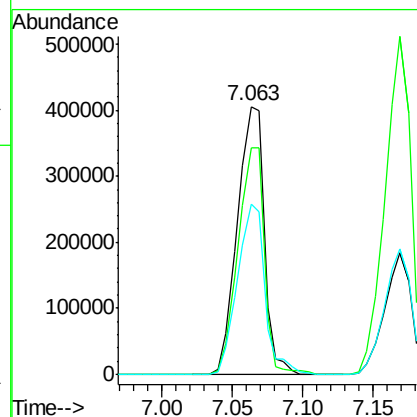
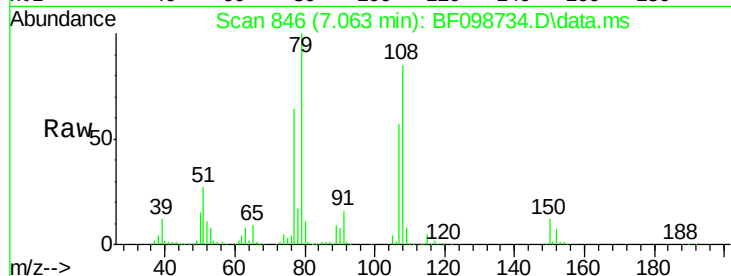
Tot Ion: 79 Resp: 540027

Ion Ratio Lower Upper

79 100

108 84.8 65.1 97.7

77 63.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.50 ng

RT: 7.198 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

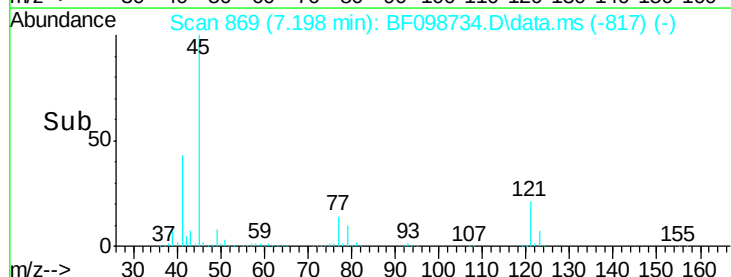
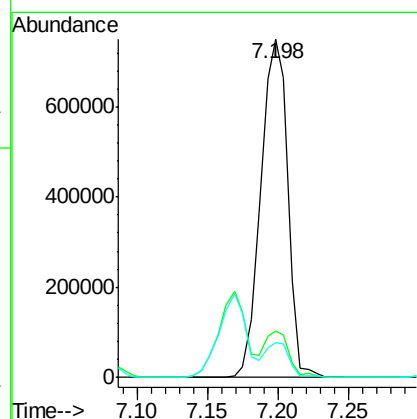
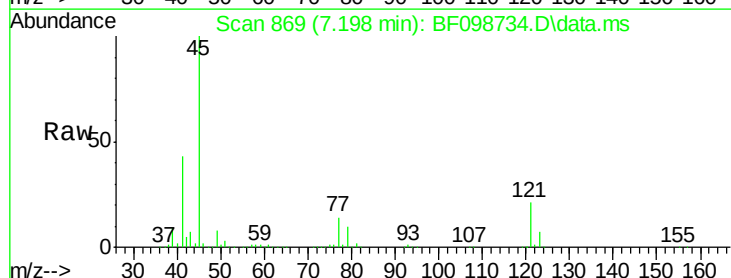
Tgt Ion: 45 Resp: 1009148

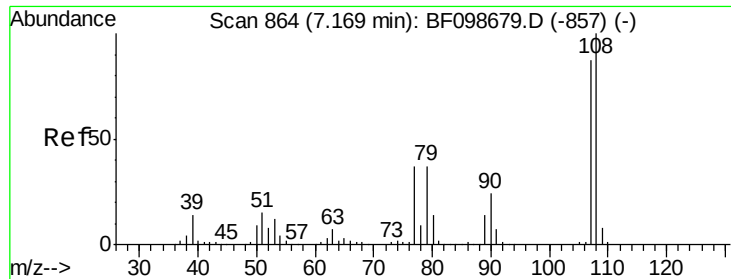
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 10.2 0.0 29.6





#17

2-Methylphenol

Concen: 58.65 ng

RT: 7.169 min Scan# 86

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 565116

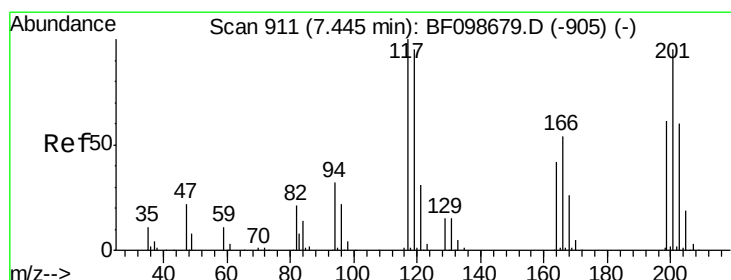
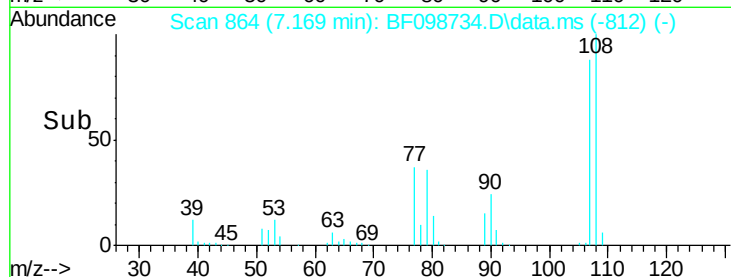
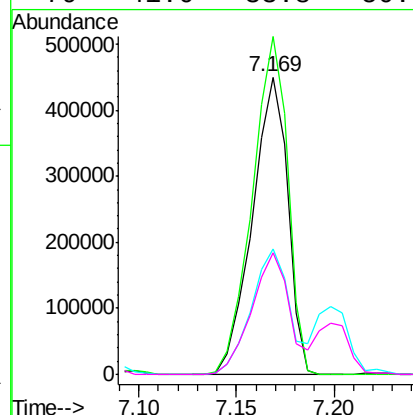
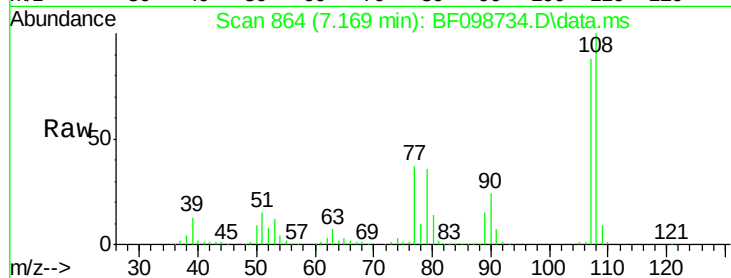
Ion Ratio Lower Upper

107 100

108 113.6 91.7 137.5

77 42.2 33.8 50.8

79 41.0 33.8 50.8



#18

Hexachloroethane

Concen: 59.90 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

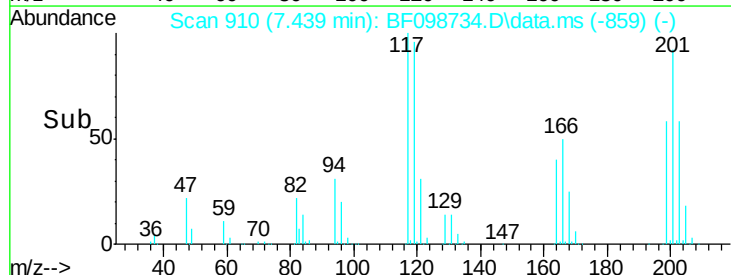
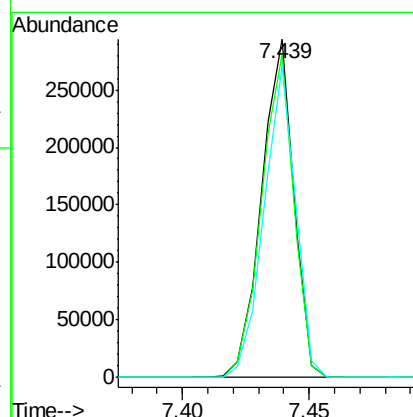
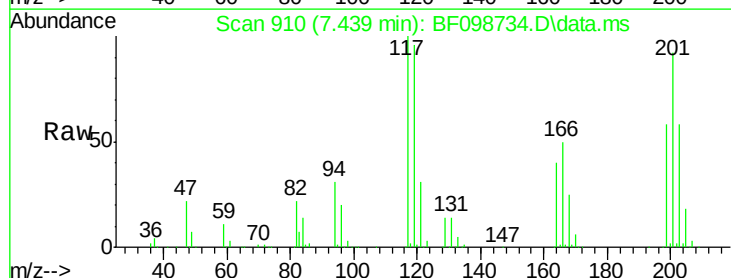
Tgt Ion:117 Resp: 260689

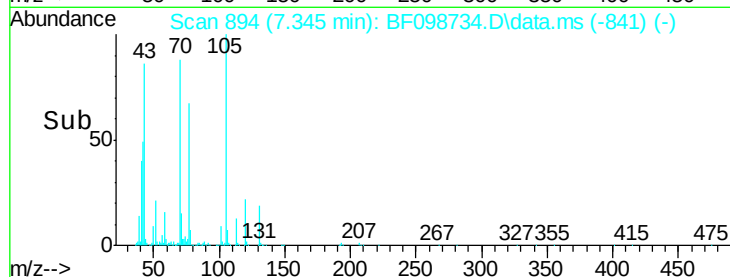
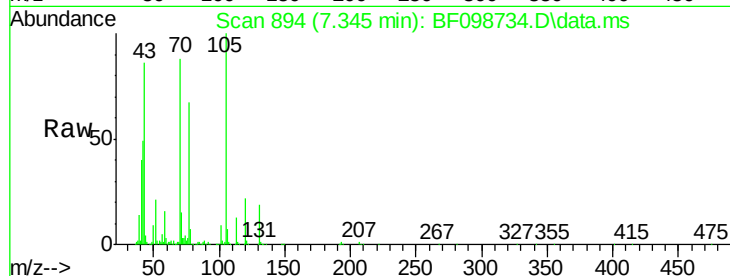
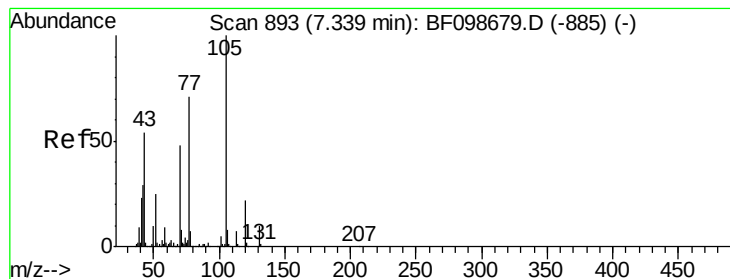
Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.8

201 91.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 57.14 ng

RT: 7.345 min Scan# 89

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 466618

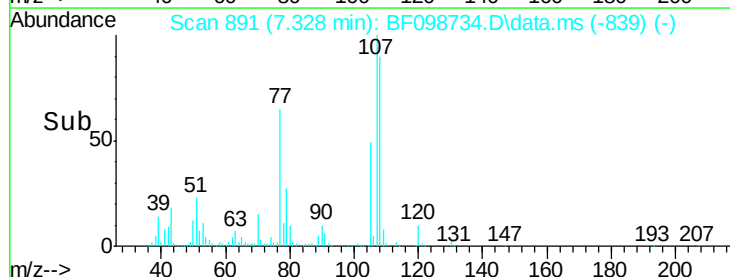
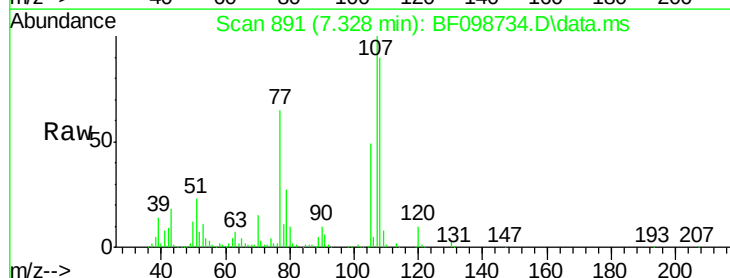
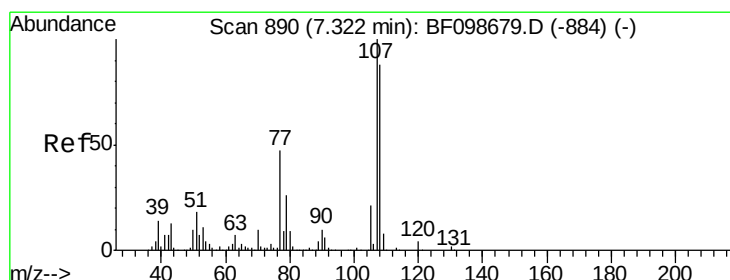
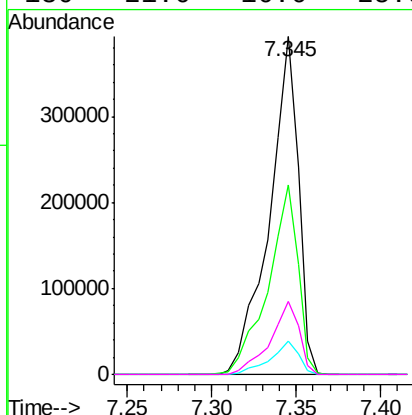
Ion Ratio Lower Upper

70 100

42 56.0 47.5 71.3

101 9.8 7.4 11.2

130 21.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 54.41 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Tgt Ion: 107 Resp: 675895

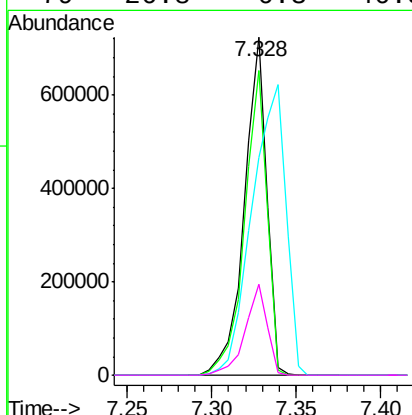
Ion Ratio Lower Upper

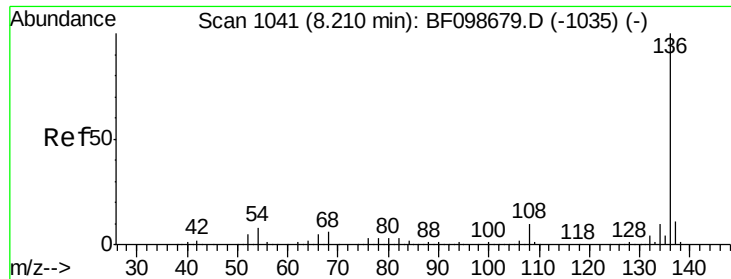
107 100

108 90.3 68.2 108.2

77 64.5 26.7 66.7

79 26.8 6.3 46.3

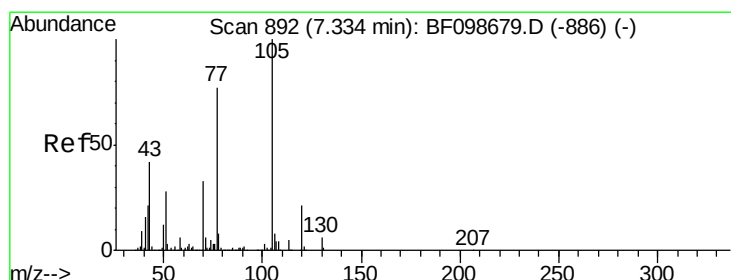
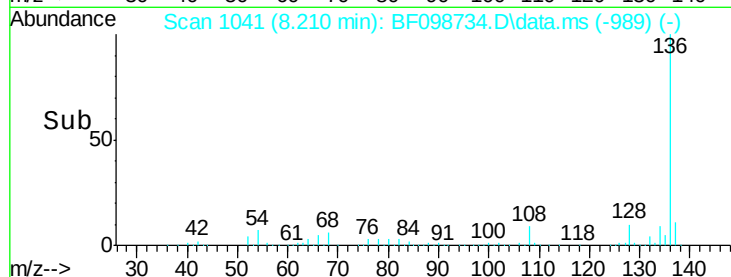
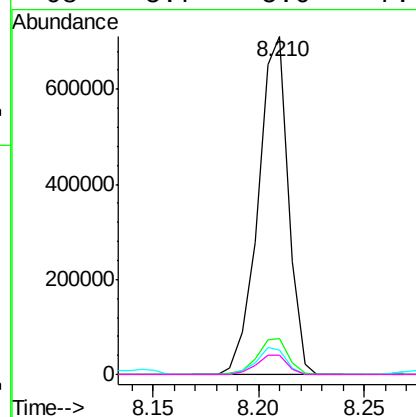
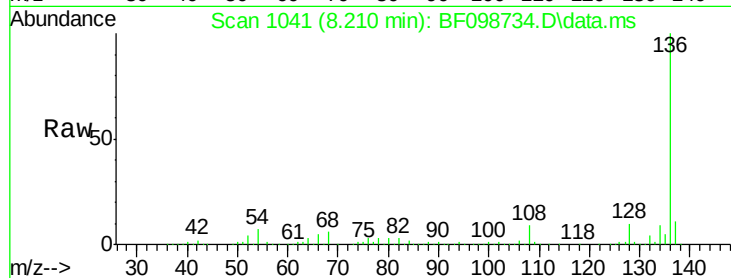




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.210 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

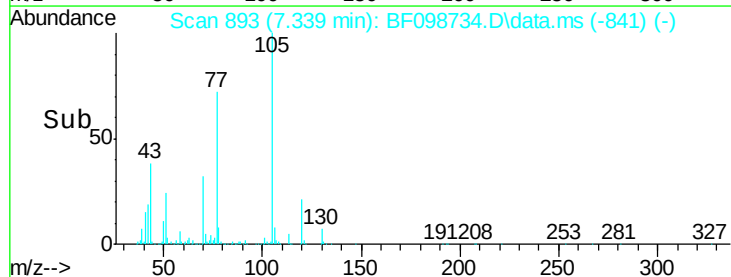
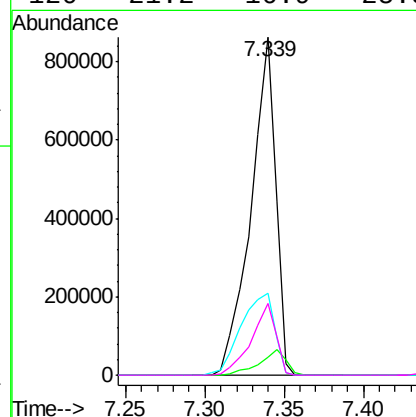
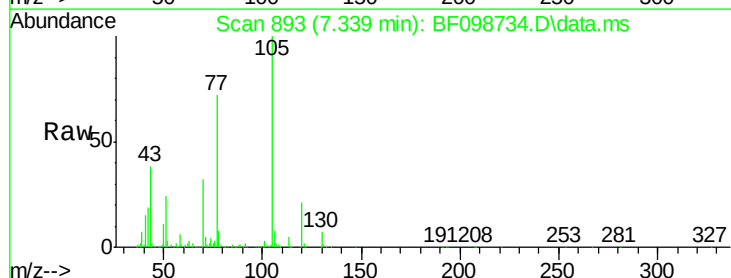
Instrument :
BNA_F
ClientSampleId :

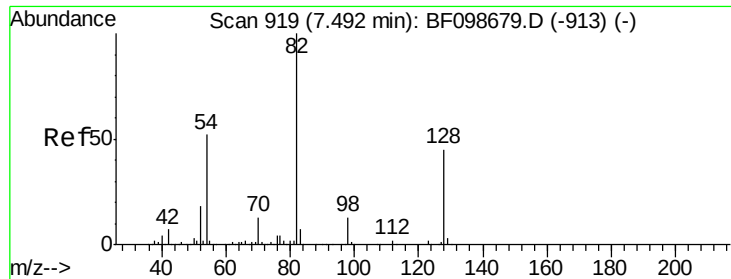
Tot Ion:	136	Resp:	706388
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4



#22
Acetophenone
Concen: 53.40 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion:	105	Resp:	933092
Ion Ratio	Lower	Upper	
105	100		
71	5.3	4.4	6.6
51	24.3	22.3	33.5
120	21.2	16.9	25.3



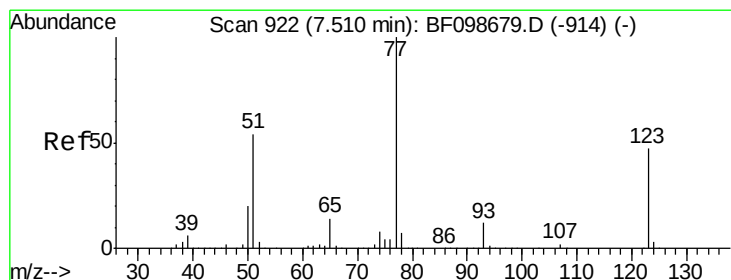
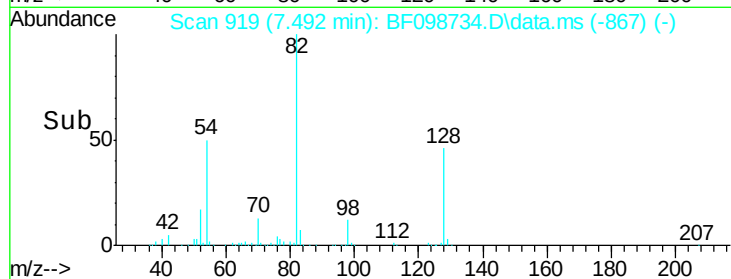
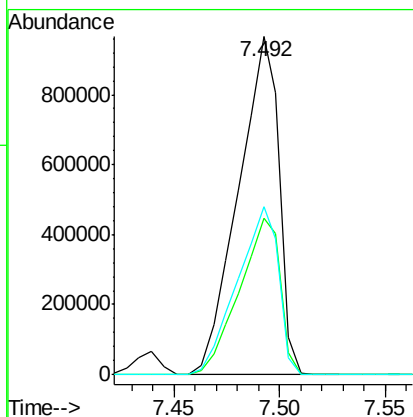
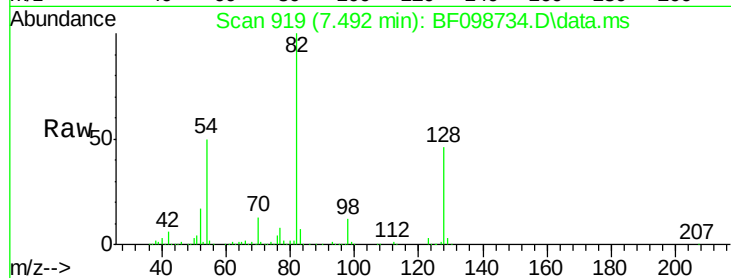


#23
 Nitrobenzene-d5
 Concen: 123.73 ng
 RT: 7.492 min Scan# 919
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1288498

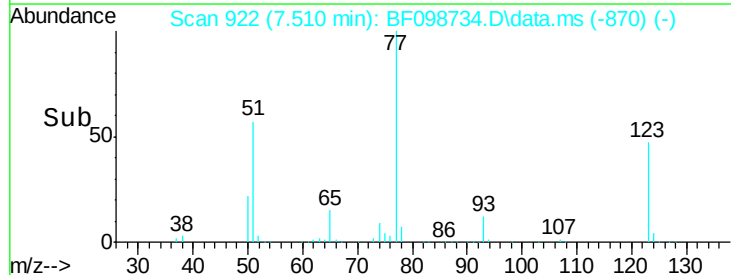
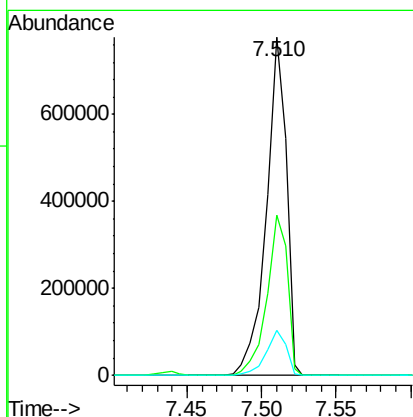
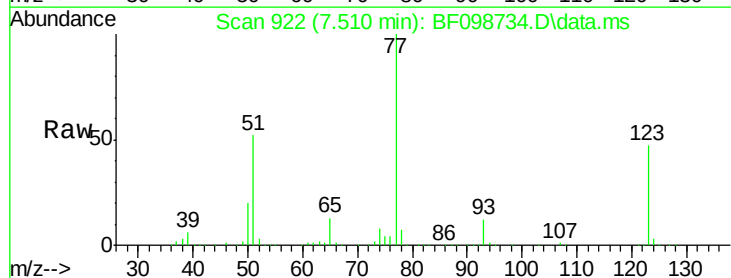
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	49.7	41.4	62.2

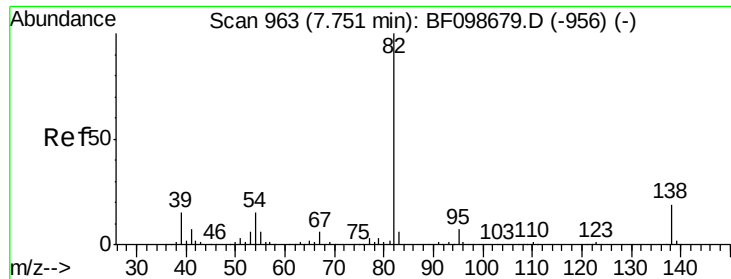


#24
 Nitrobenzene
 Concen: 59.33 ng
 RT: 7.510 min Scan# 922
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion: 77 Resp: 713589

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 58.99 ng

RT: 7.751 min Scan# 96

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

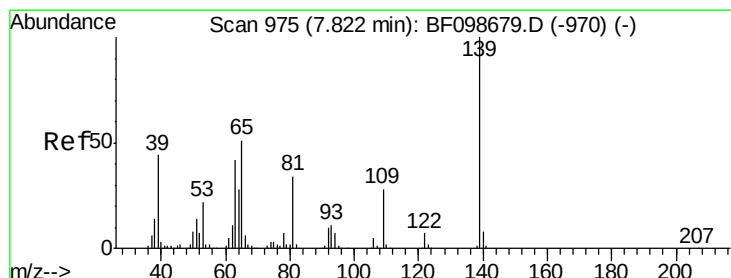
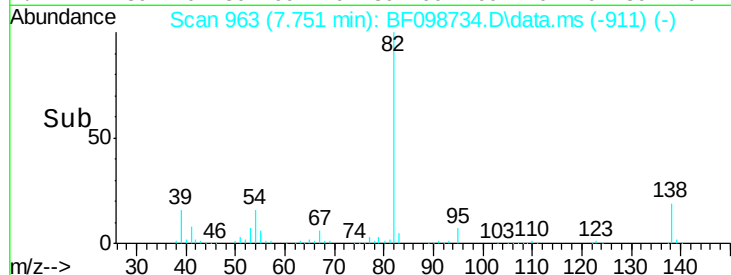
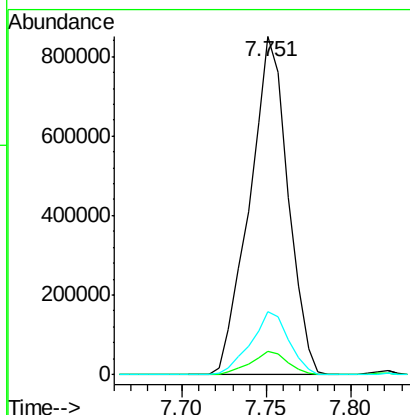
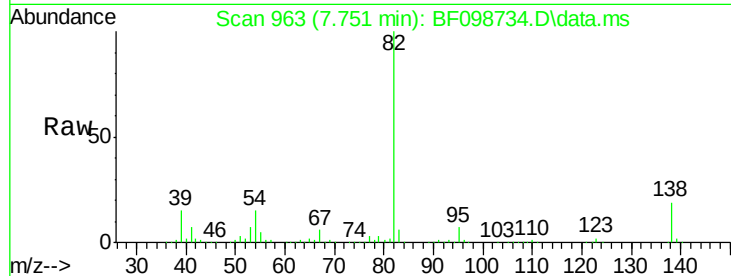
Tot Ion: 82 Resp: 1339819

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 76.99 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

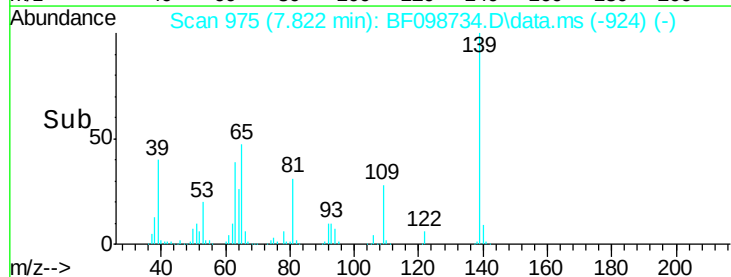
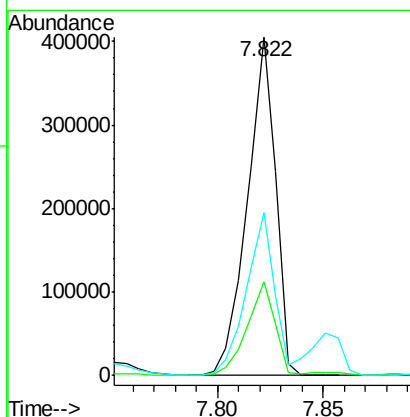
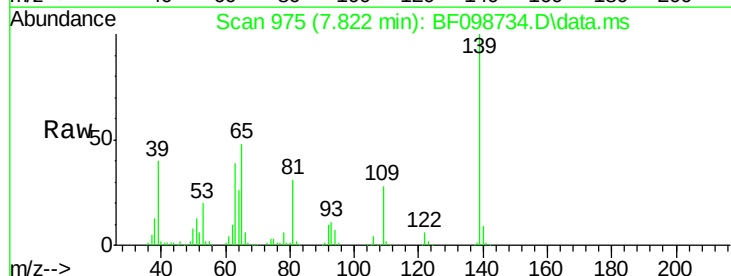
Tgt Ion: 139 Resp: 376398

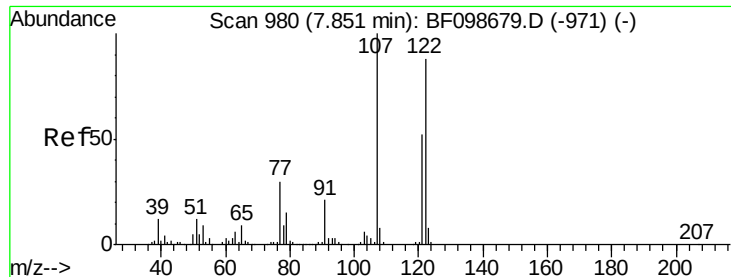
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 48.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 58.18 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

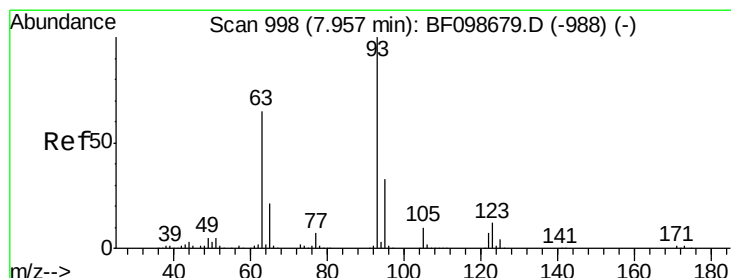
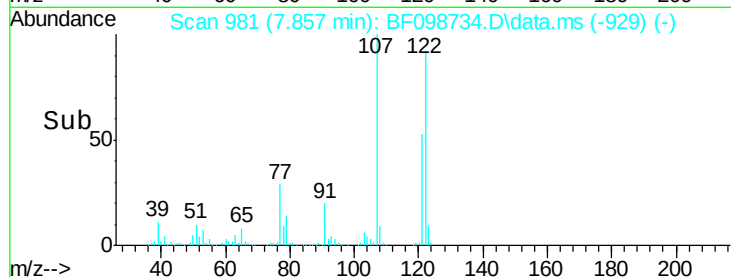
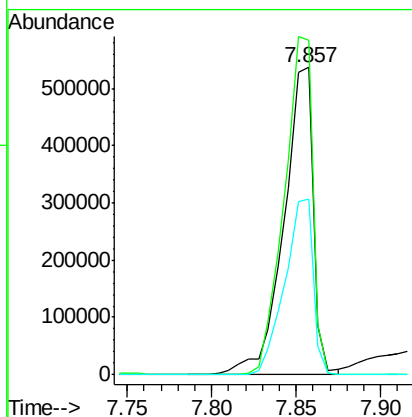
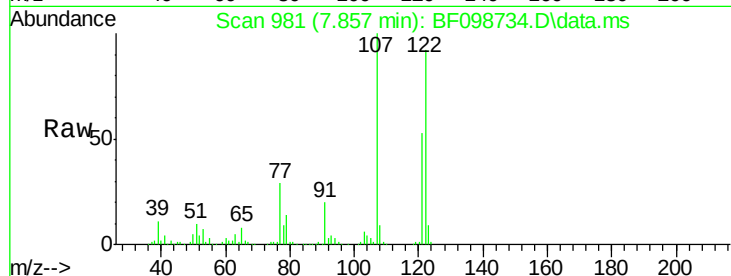
Tot Ion:122 Resp: 648984

Ion Ratio Lower Upper

122 100

107 108.8 91.2 136.8

121 57.3 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 58.12 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

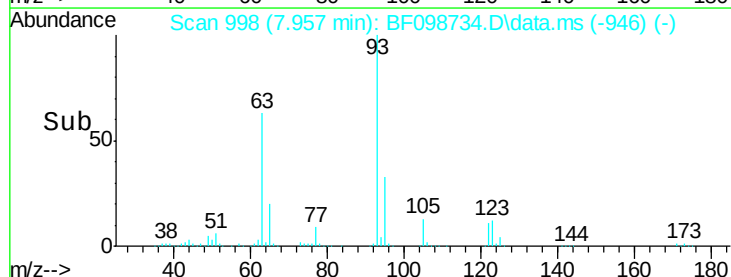
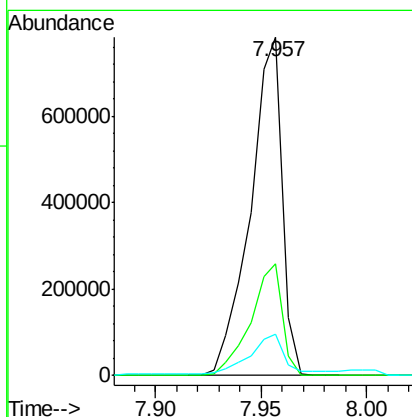
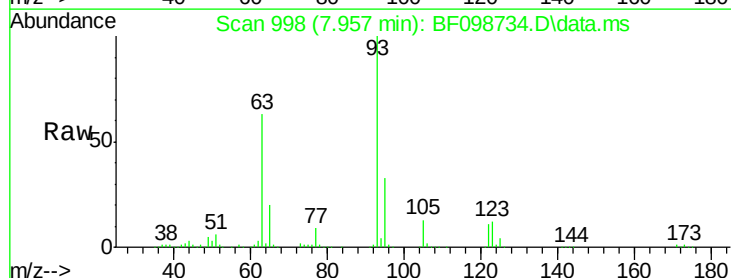
Tgt Ion: 93 Resp: 821451

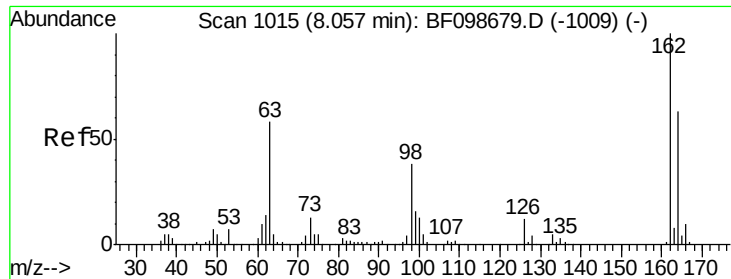
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 12.3 9.8 14.6

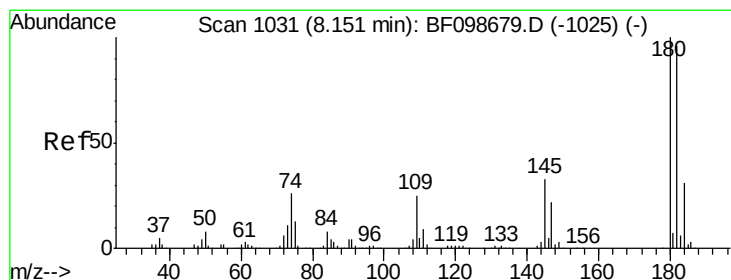
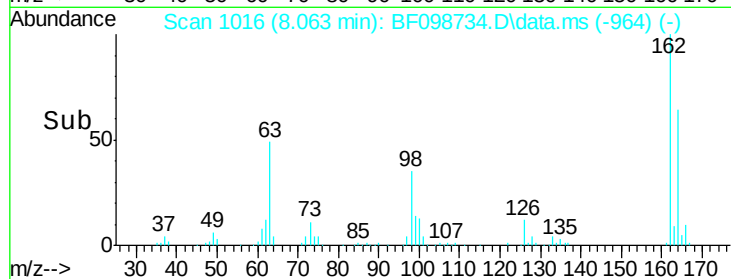
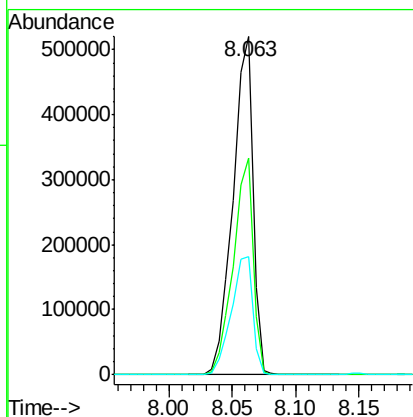
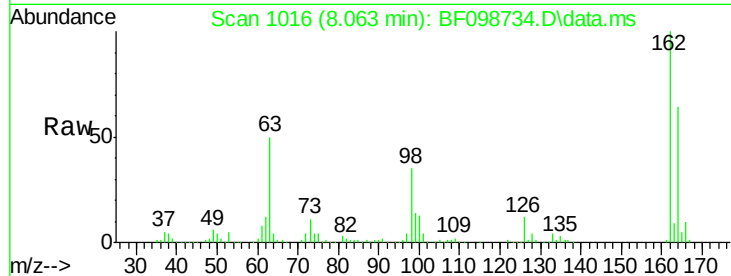




#29
 2,4-Dichlorophenol
 Concen: 59.15 ng
 RT: 8.063 min Scan# 1016
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

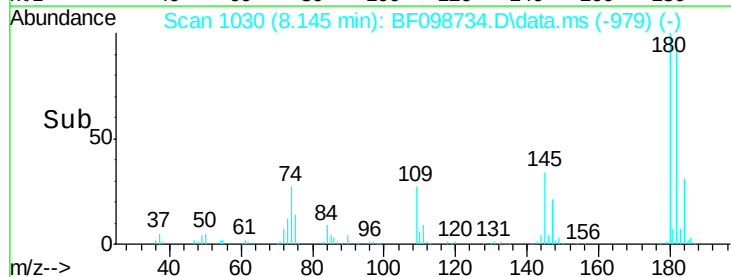
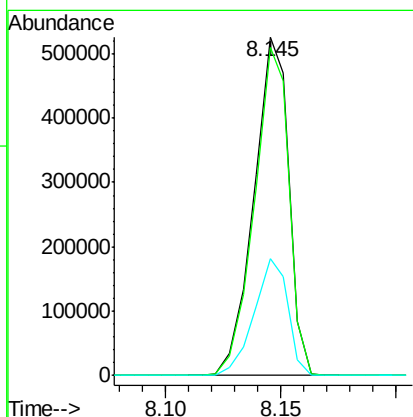
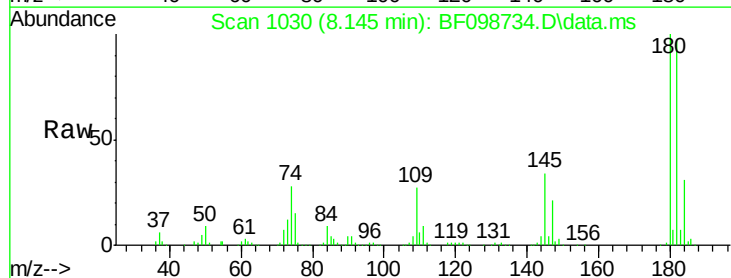
Instrument :
 BNA_F
 ClientSampleId :

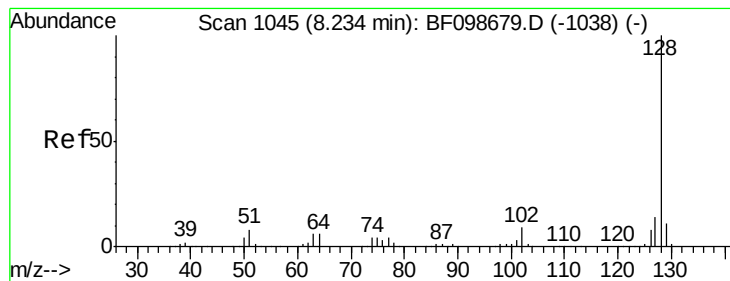
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	34.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 57.09 ng
 RT: 8.145 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.8	115.2
145	34.4	26.5	39.7





#31

Naphthalene

Concen: 54.56 ng

RT: 8.233 min Scan# 1045

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

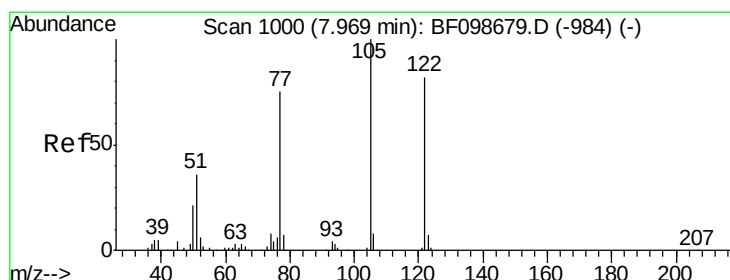
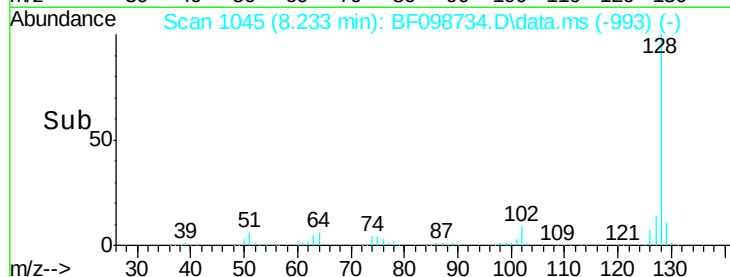
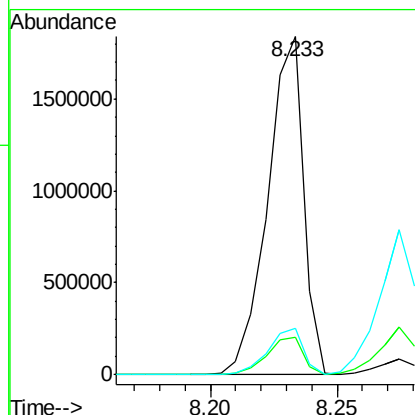
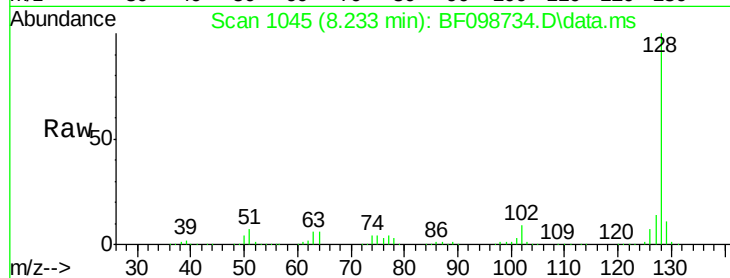
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1829105

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3



#32

Benzoic acid

Concen: 99.95 ng

RT: 8.004 min Scan# 1006

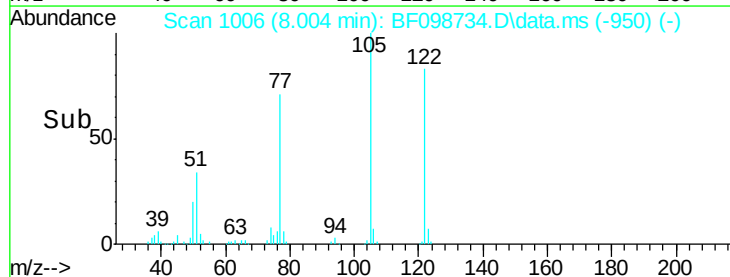
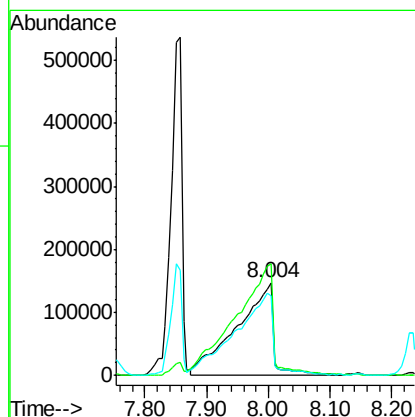
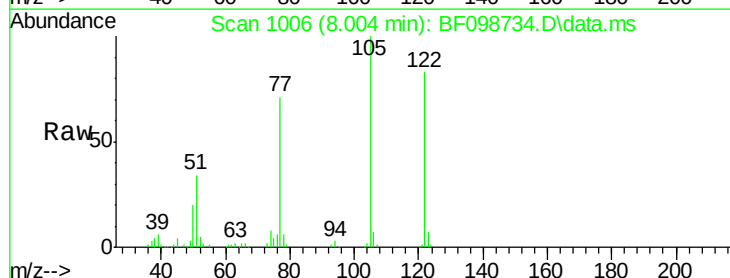
Delta R.T. 0.029 min

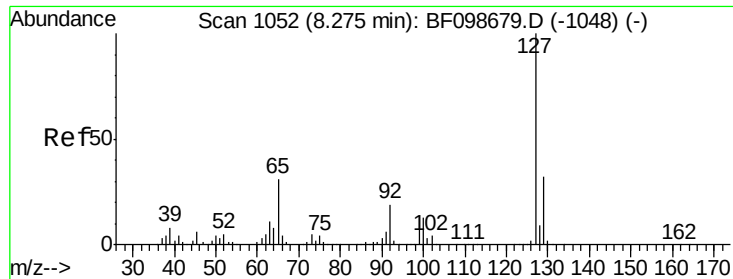
Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Tgt Ion:122 Resp: 595672

Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.1	141.1
77	85.7	70.7	110.7

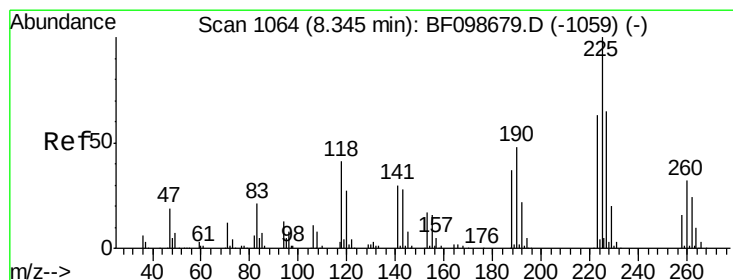
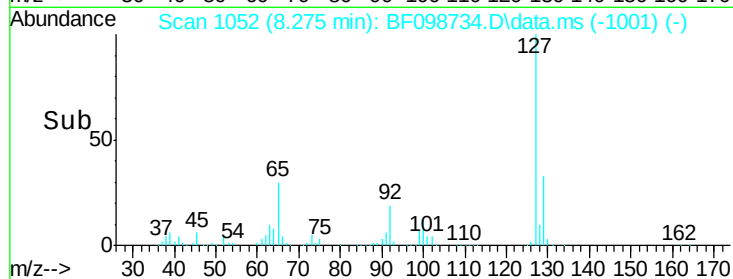
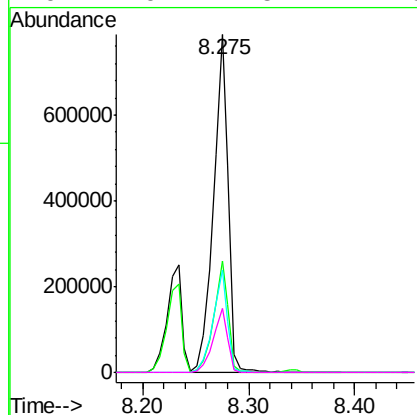
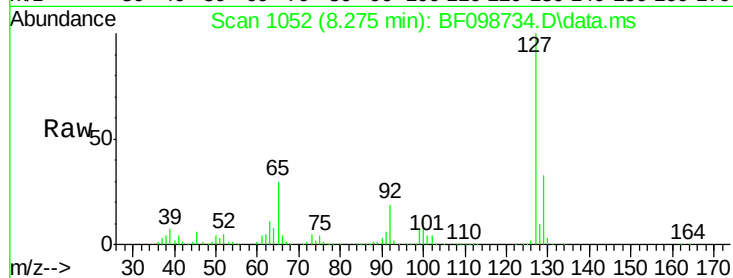




#33
 4-Chloroaniline
 Concen: 55.76 ng
 RT: 8.275 min Scan# 1052
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

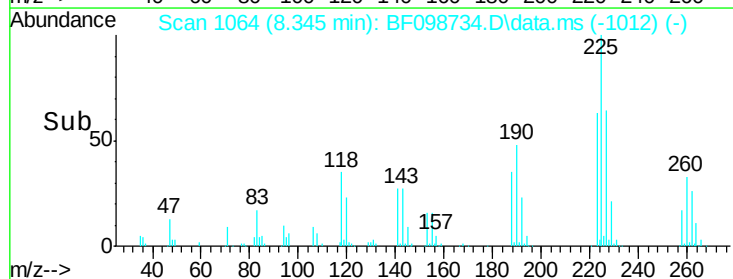
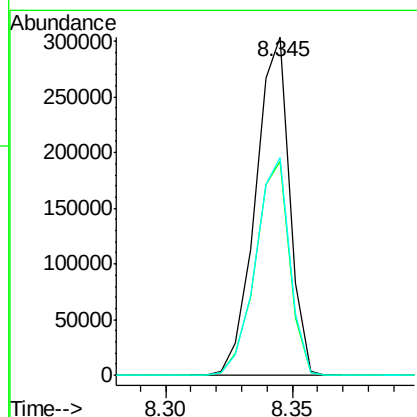
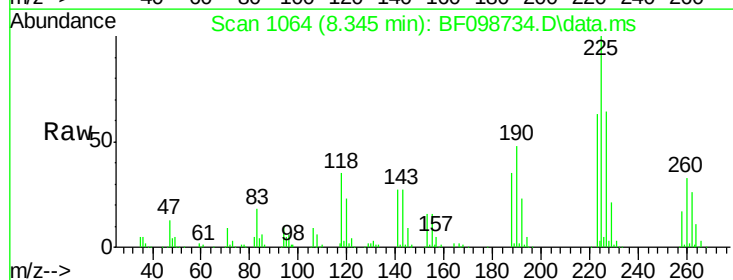
Instrument :
 BNA_F
 ClientSampleId :

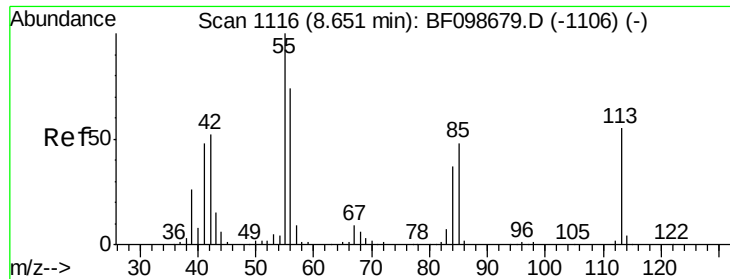
Tot Ion:	127	Resp:	777229
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.9	38.9
65	30.3	25.0	37.4
92	19.2	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 54.30 ng
 RT: 8.345 min Scan# 1064
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion:	225	Resp:	283080
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	76.0
227	64.4	51.9	77.9





#35

Caprolactam

Concen: 52.63 ng

RT: 8.675 min Scan# 111

Delta R.T. 0.023 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

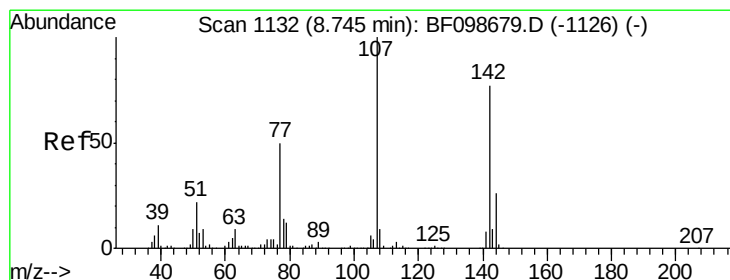
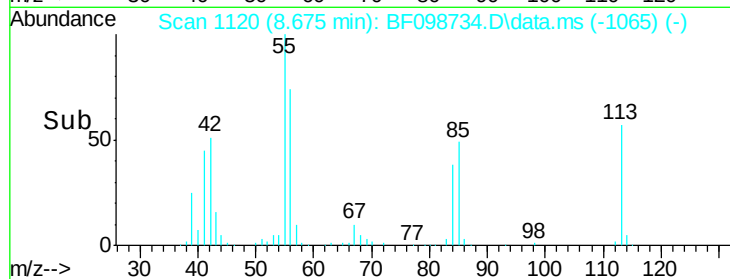
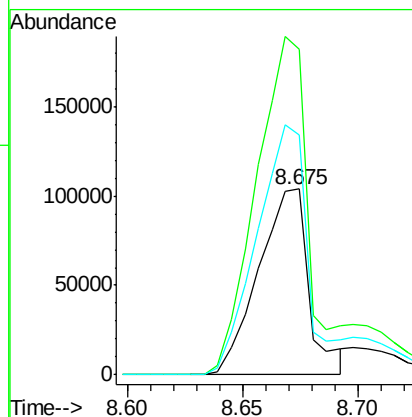
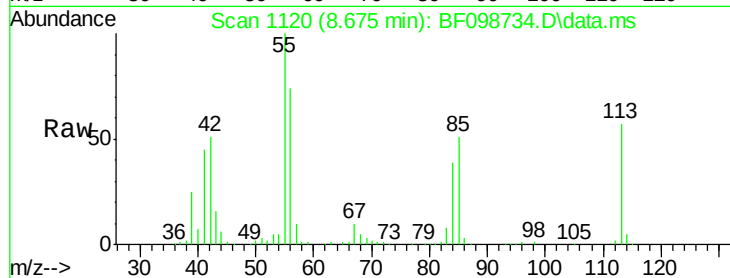
Tot Ion:113 Resp: 157467

Ion Ratio Lower Upper

113 100

55 175.2 163.3 203.3

56 129.2 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 57.41 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

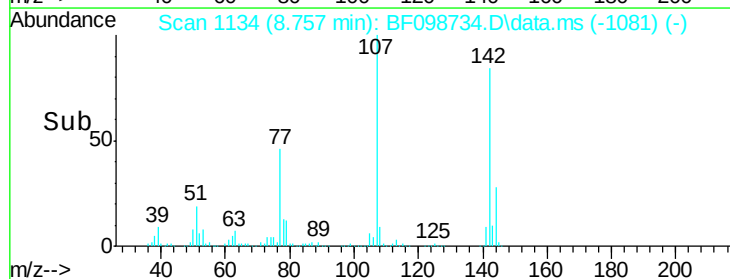
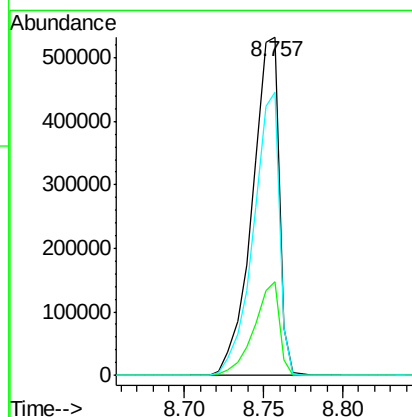
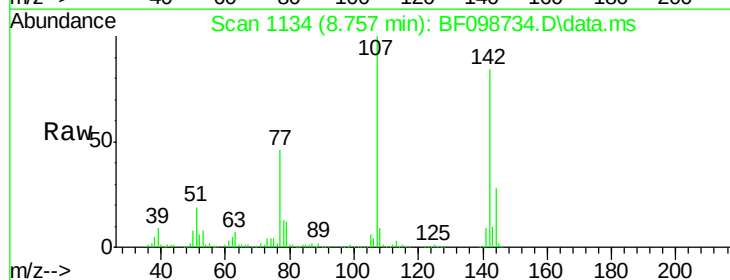
Tgt Ion:107 Resp: 628699

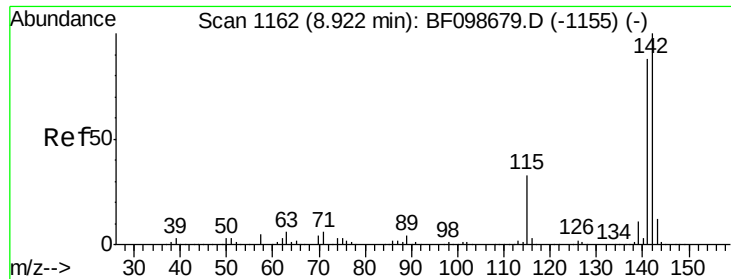
Ion Ratio Lower Upper

107 100

144 27.6 20.5 30.7

142 83.6 62.0 93.0

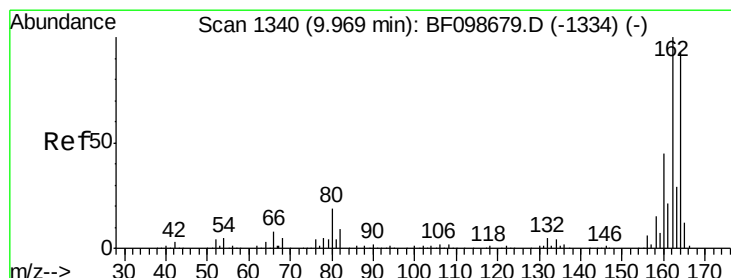
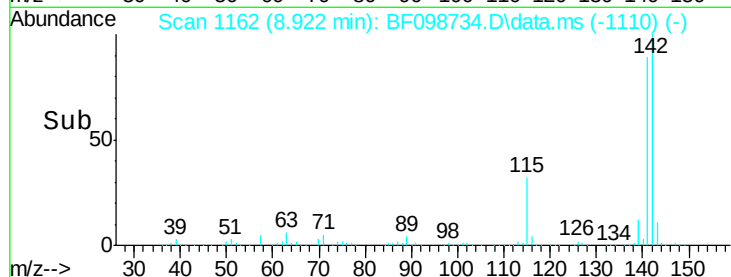
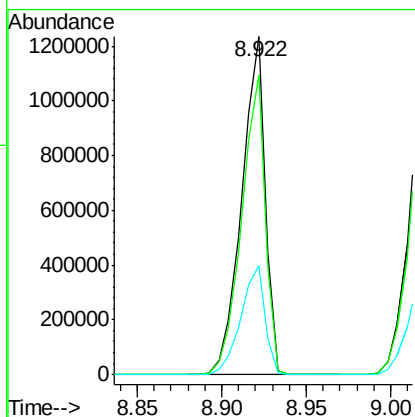
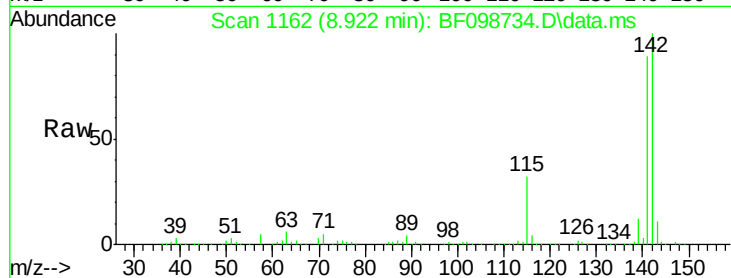




#37
2-Methylnaphthalene
Concen: 55.75 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

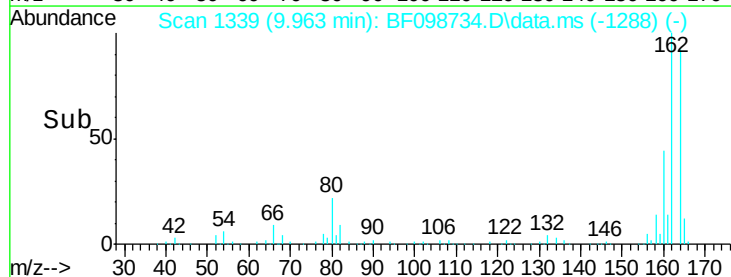
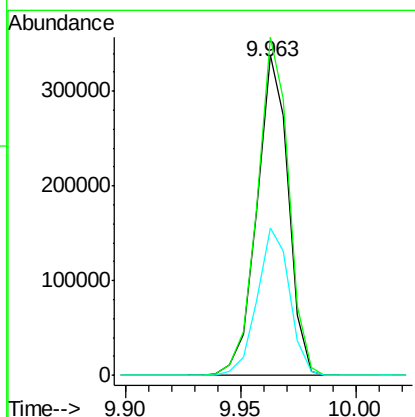
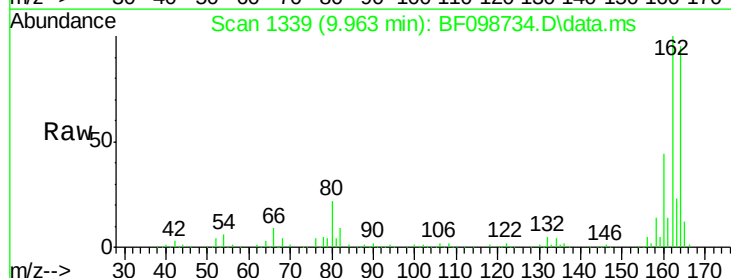
Instrument :
BNA_F
ClientSampleId :

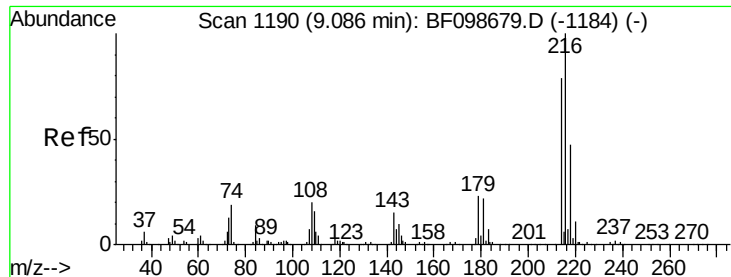
Tot Ion:142 Resp: 1200036
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 32.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion:164 Resp: 320667
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 46.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.95 ng

RT: 9.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 530619

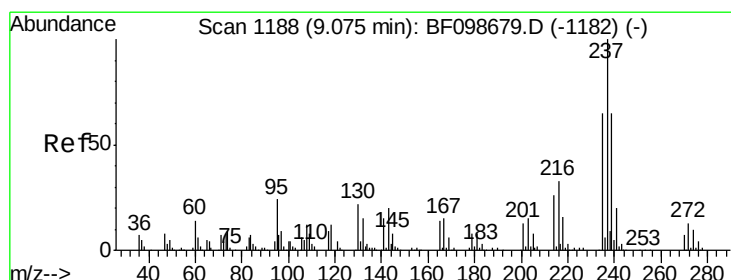
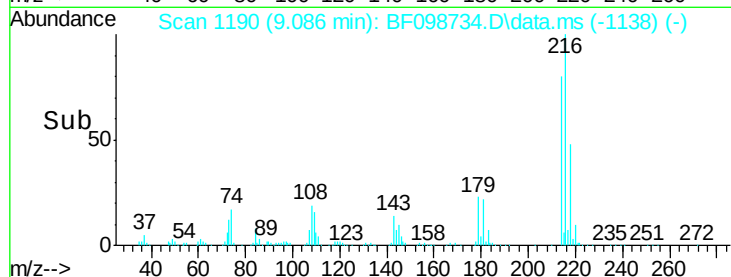
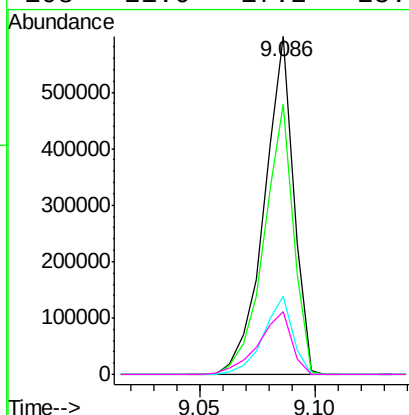
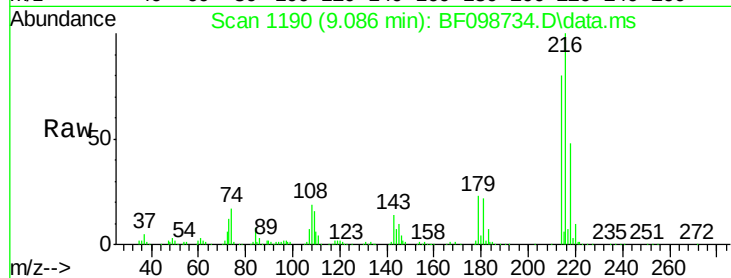
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.1 18.1 27.1

108 21.0 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 65.25 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

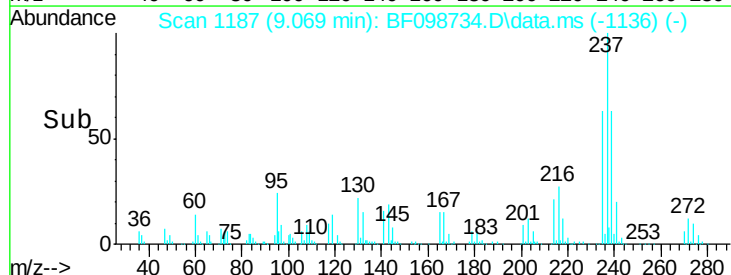
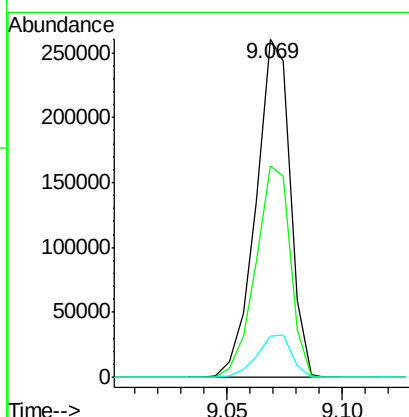
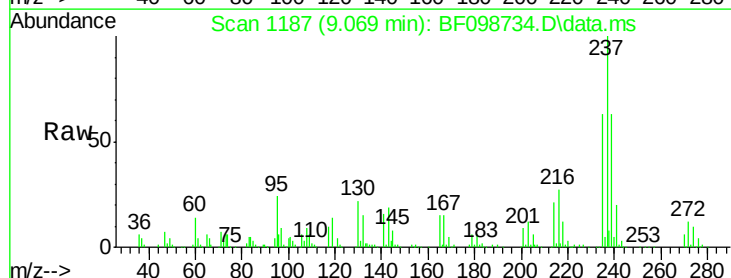
Tgt Ion:237 Resp: 268914

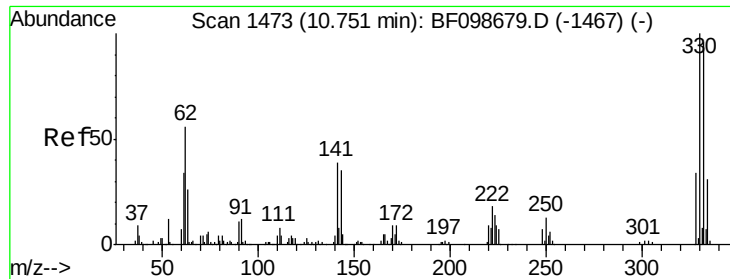
Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

272 12.3 0.0 33.3

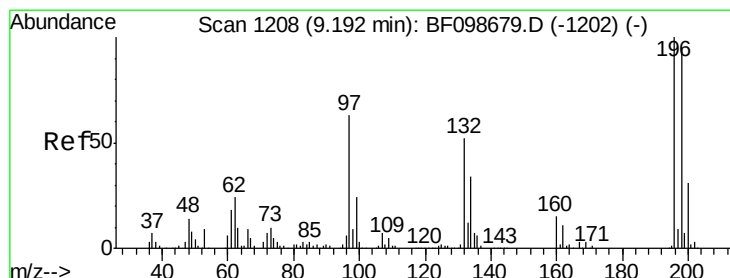
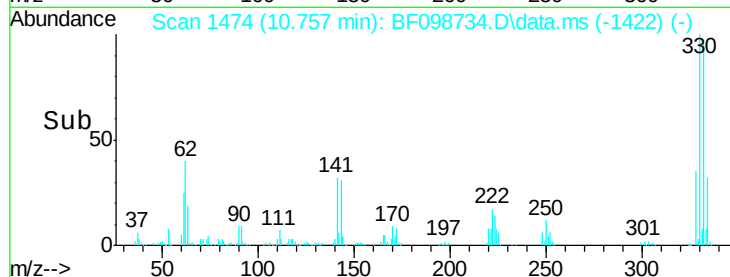
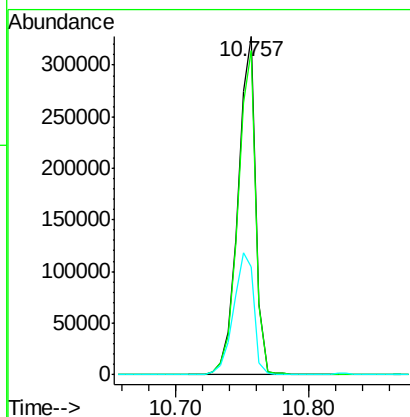
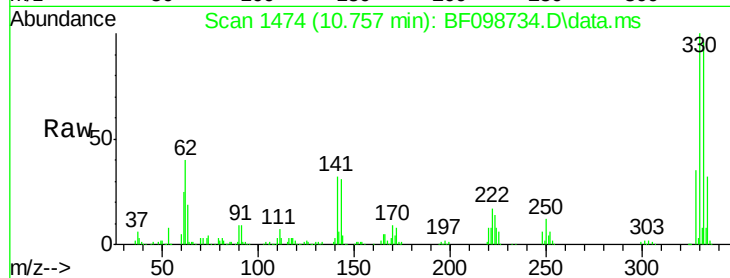




#41
 2,4,6-Tribromophenol
 Concen: 103.86 ng
 RT: 10.757 min Scan# 1473
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

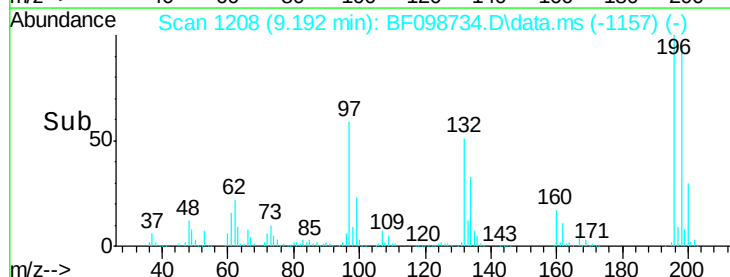
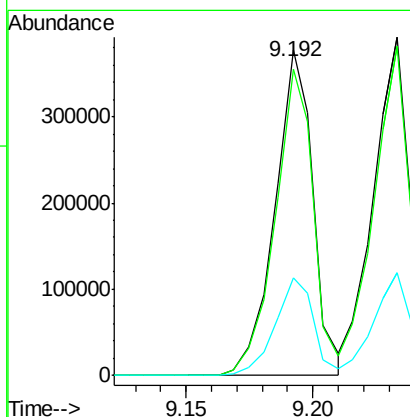
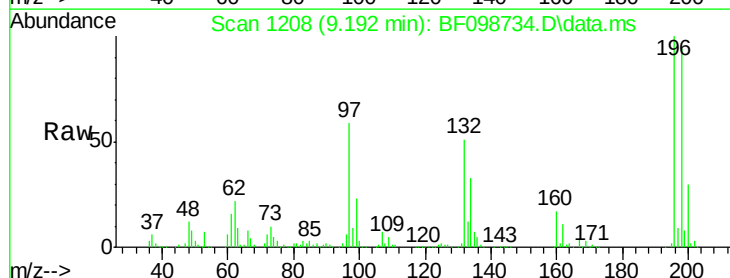
Instrument :
 BNA_F
 ClientSampleId :

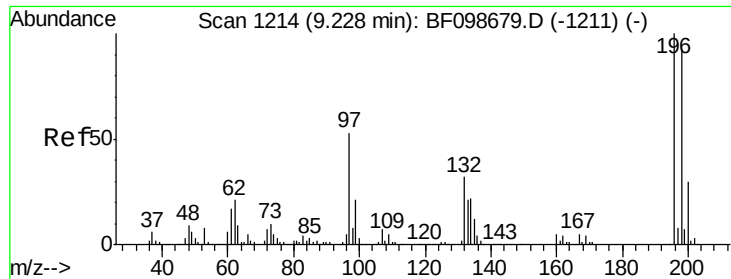
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	41.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 61.91 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.7	113.5
200	29.9	24.5	36.7

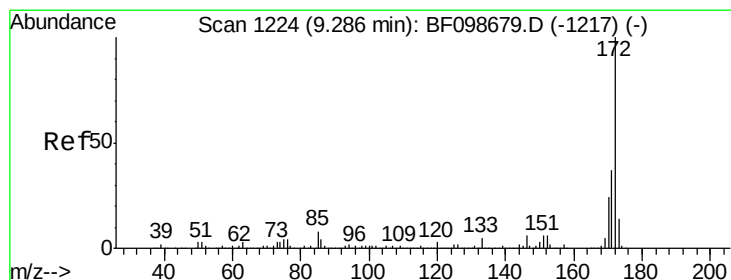
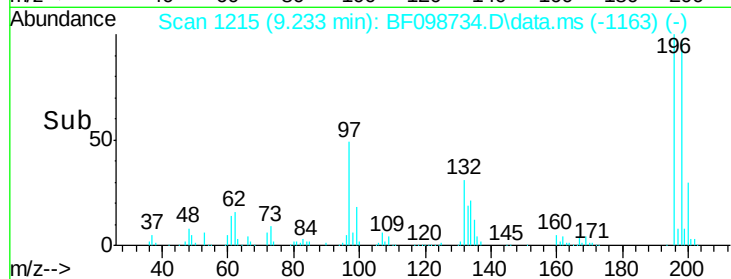
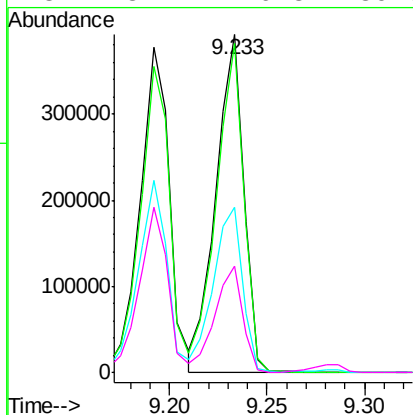
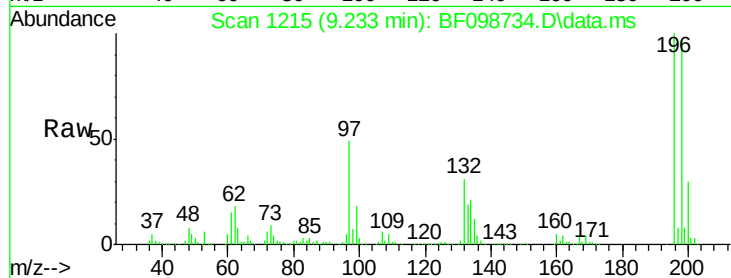




#43
 2,4,5-Trichlorophenol
 Concen: 59.41 ng
 RT: 9.233 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

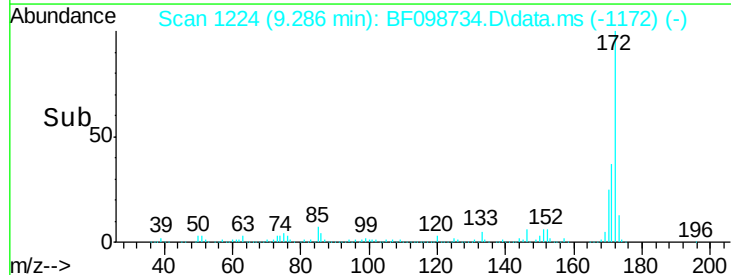
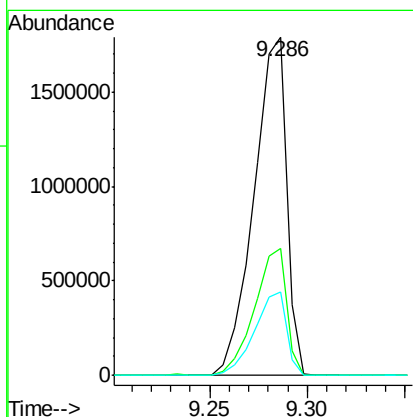
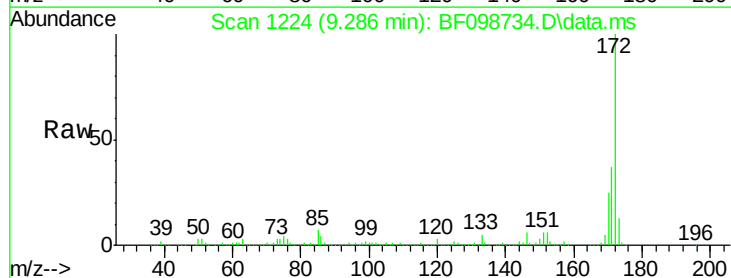
Instrument :
 BNA_F
 ClientSampled :

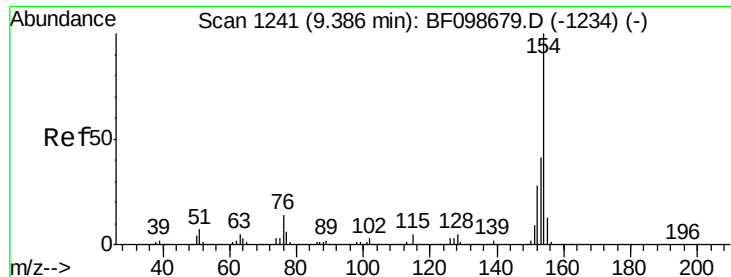
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	48.9	42.9	64.3
132	31.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 103.02 ng
 RT: 9.286 min Scan# 1224
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.7	19.6	29.4

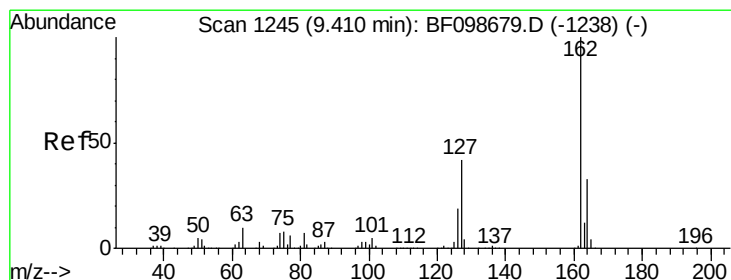
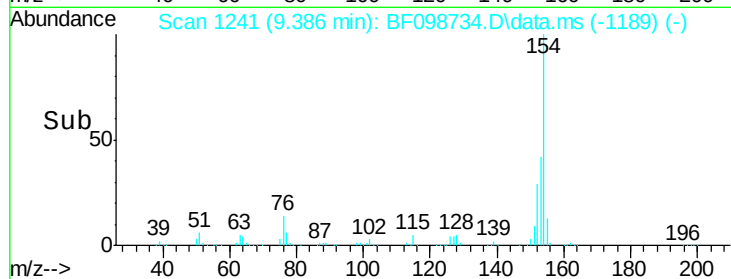
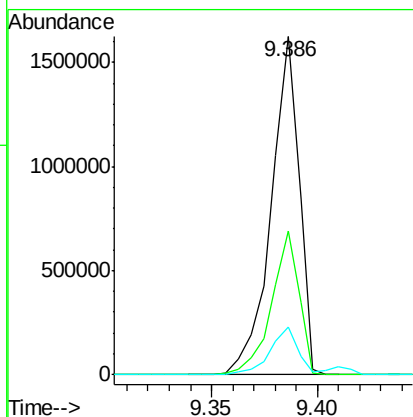
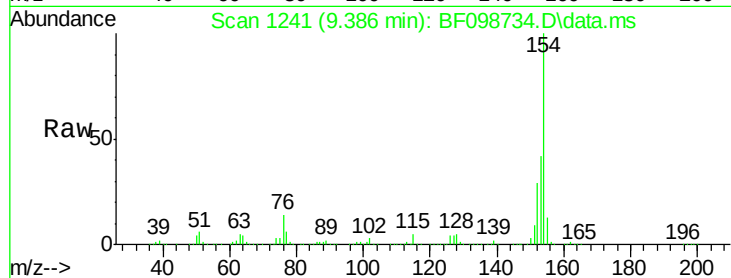




#45
 1,1'-Biphenyl
 Concen: 54.44 ng
 RT: 9.386 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

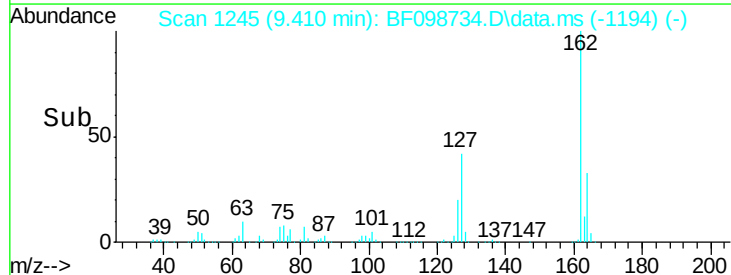
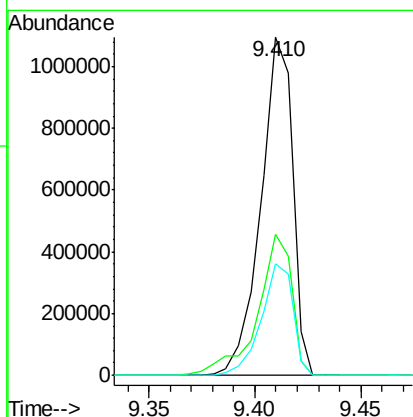
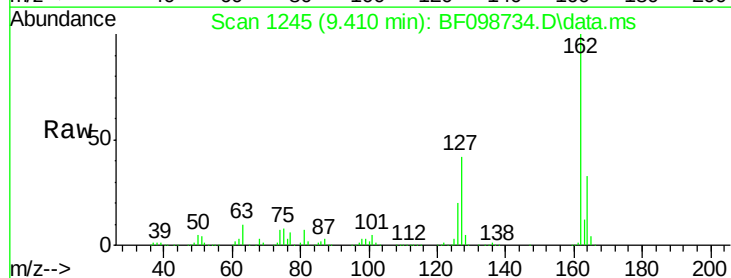
Instrument :
 BNA_F
 ClientSampleId :

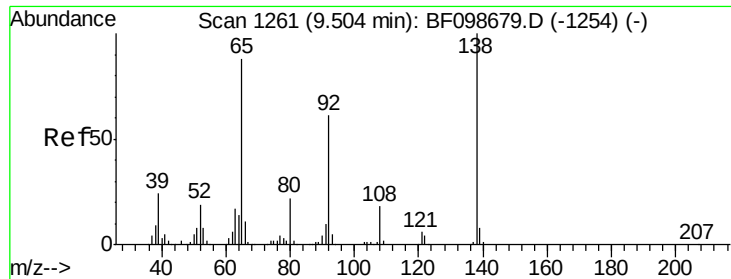
Tot Ion:154 Resp: 1499668
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.3 61.3
 76 14.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 55.61 ng
 RT: 9.410 min Scan# 1245
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion:162 Resp: 1148729
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 33.0 26.5 39.7

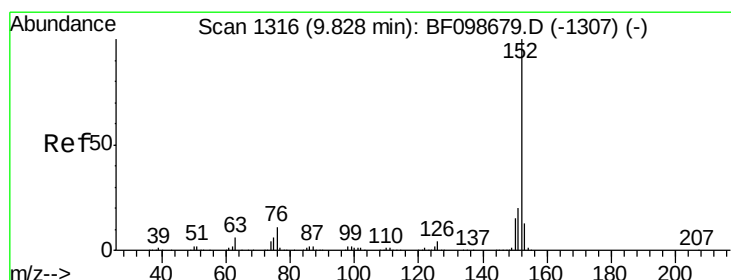
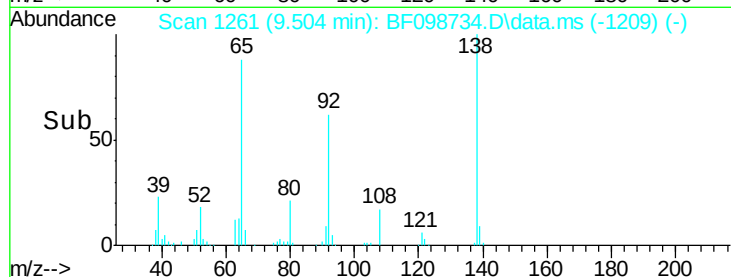
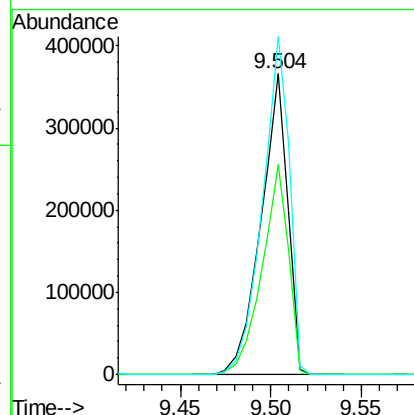
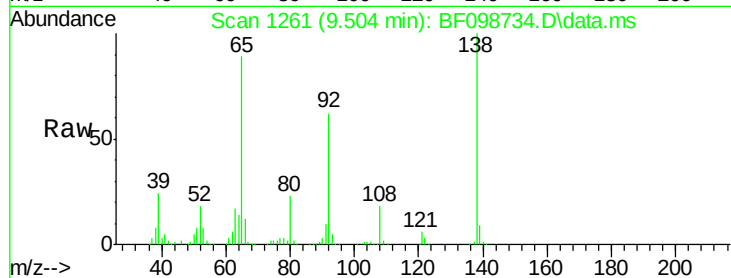




#47
2-Nitroaniline
Concen: 64.63 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

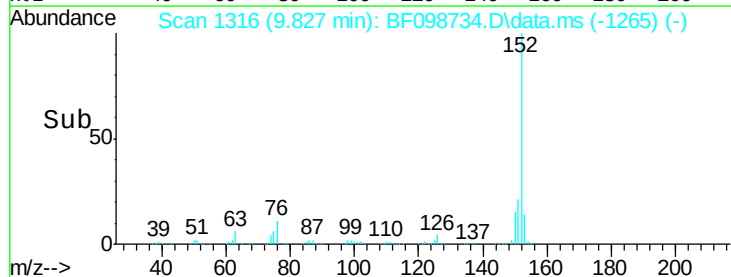
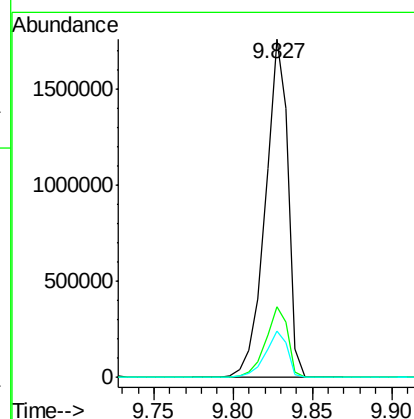
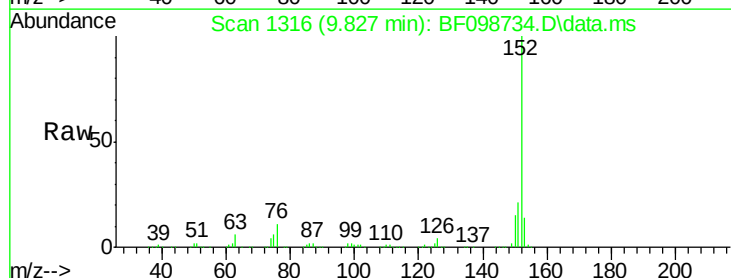
Instrument :
BNA_F
ClientSampleId :

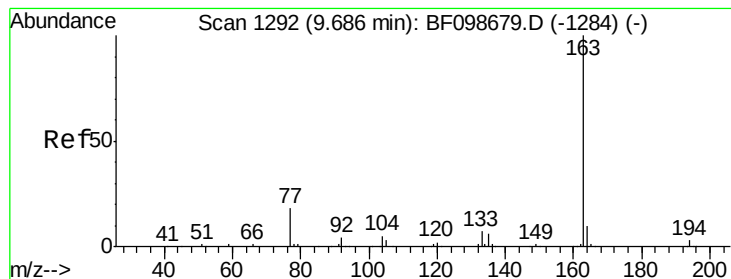
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	55.8	83.6
138	112.3	91.2	136.8



#48
Acenaphthylene
Concen: 55.48 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.5	10.7	16.1





#49

Dimethylphthalate

Concen: 57.25 ng

RT: 9.686 min Scan# 1292

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

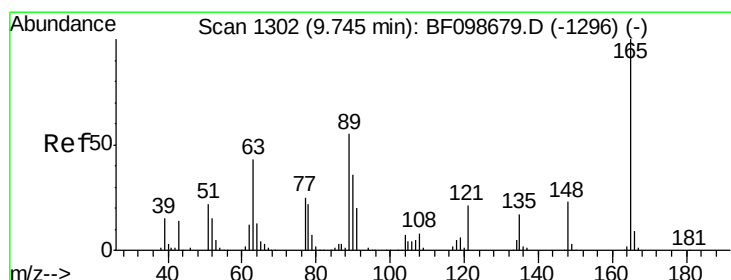
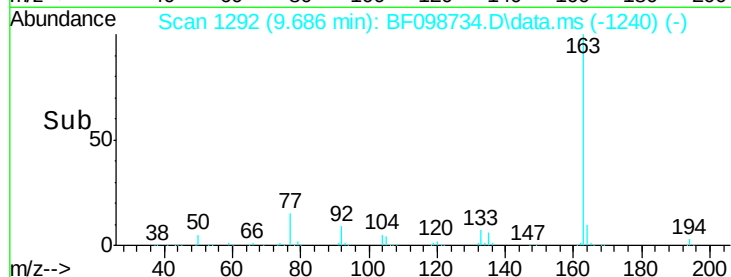
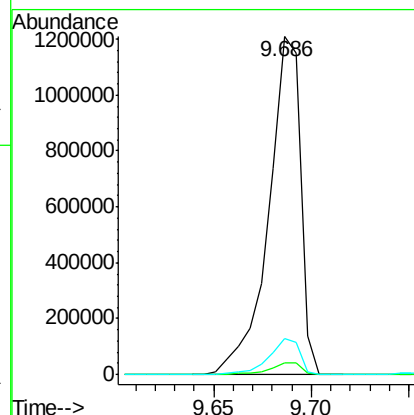
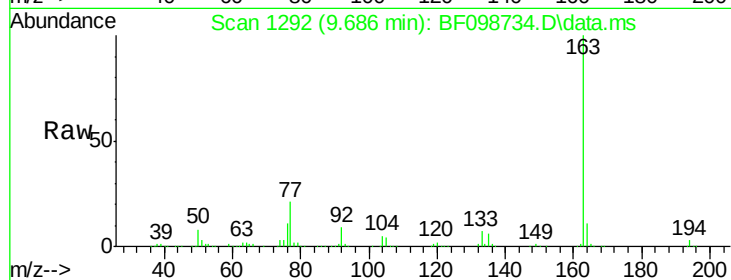
Tot Ion:163 Resp: 1376714

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 10.5 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 66.65 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

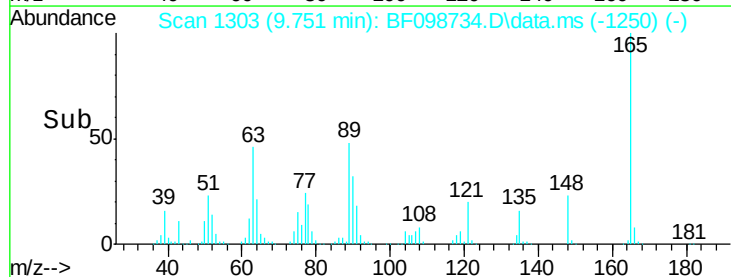
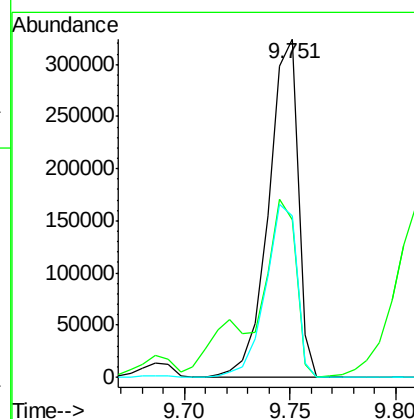
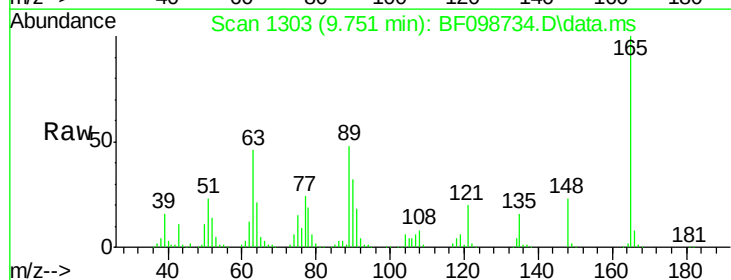
Tgt Ion:165 Resp: 316291

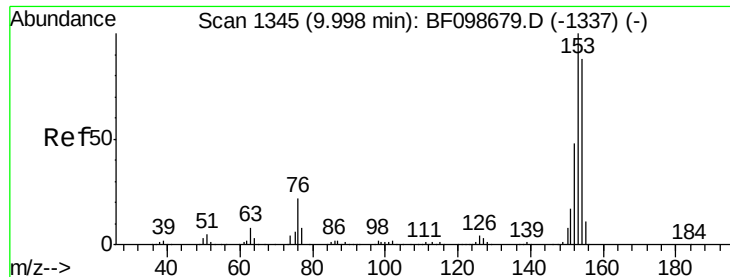
Ion Ratio Lower Upper

165 100

63 46.5 44.7 67.1

89 47.8 44.0 66.0





#51

Acenaphthene

Concen: 56.43 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

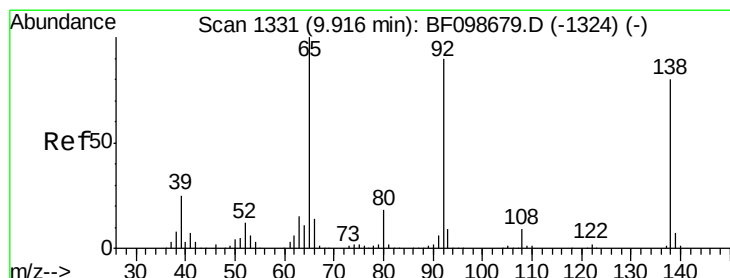
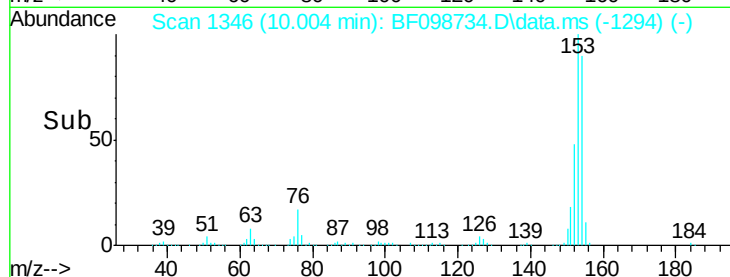
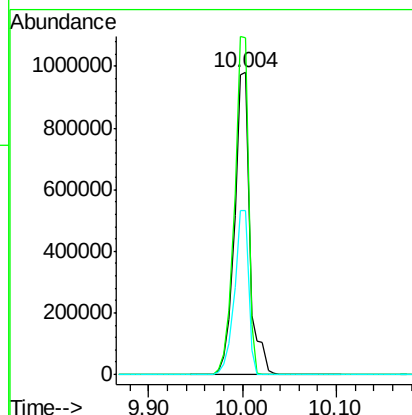
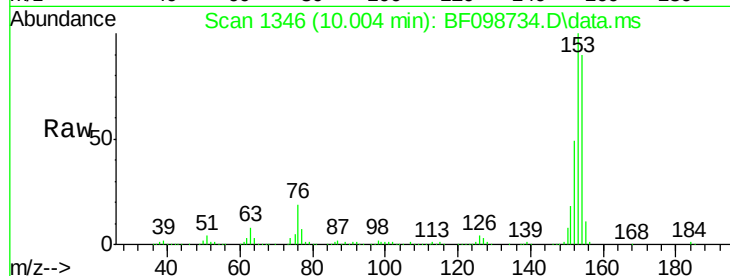
Tot Ion:154 Resp: 1112964

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

152 54.2 43.8 65.8



#52

3-Nitroaniline

Concen: 64.43 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

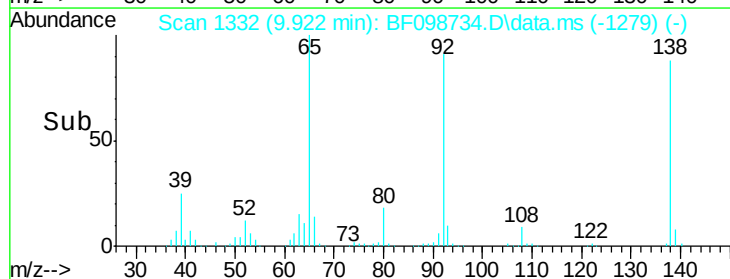
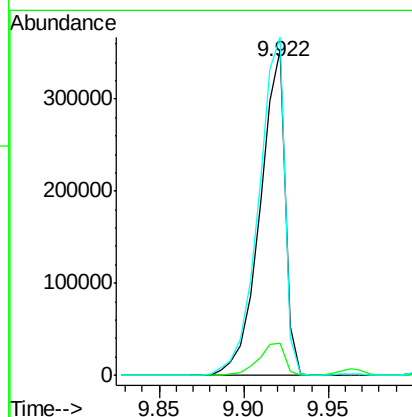
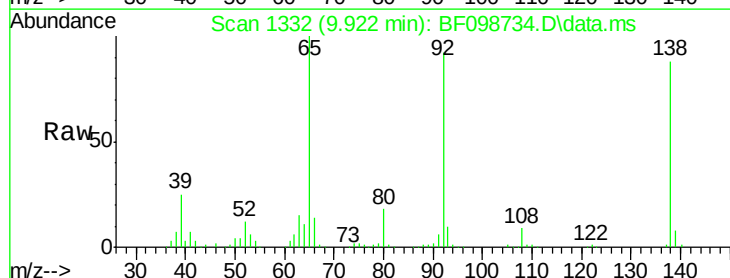
Tgt Ion:138 Resp: 364449

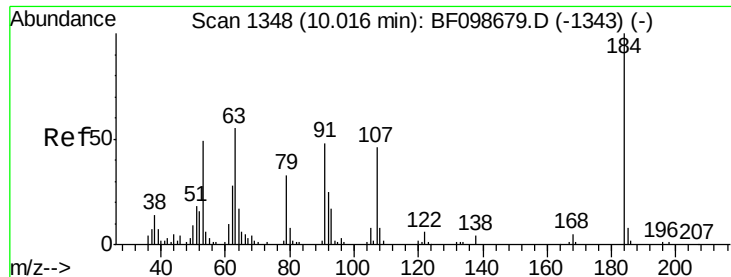
Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

92 104.0 89.4 134.2





#53

2,4-Dinitrophenol

Concen: 107.24 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

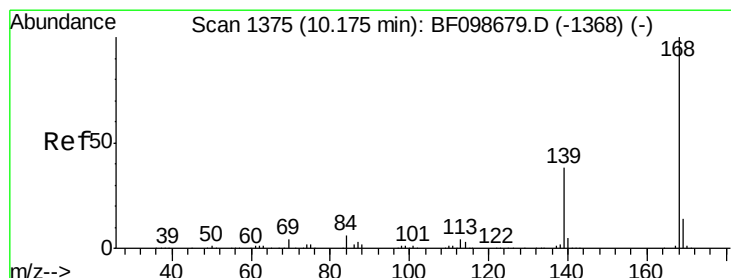
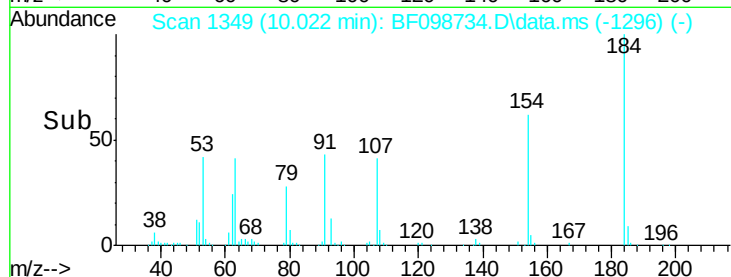
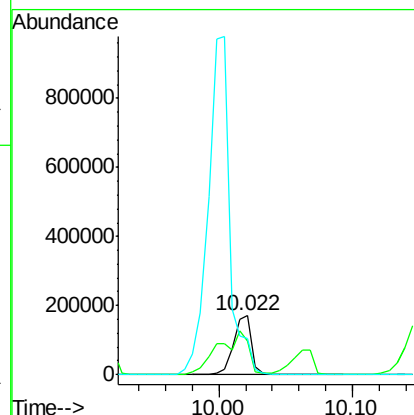
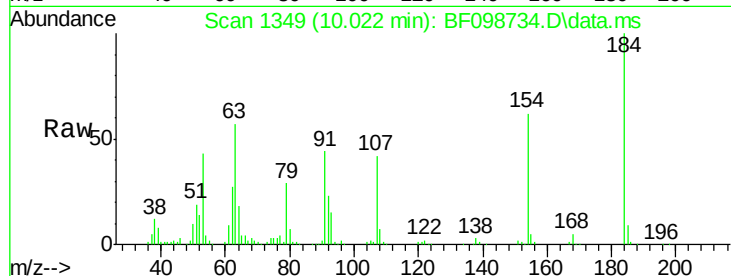
Tot Ion:184 Resp: 161131

Ion Ratio Lower Upper

184 100

63 56.6 54.2 81.2

154 61.9 53.5 80.3



#54

Dibenzofuran

Concen: 54.54 ng

RT: 10.175 min Scan# 1375

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

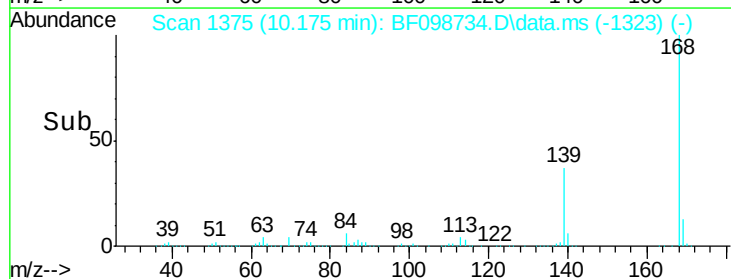
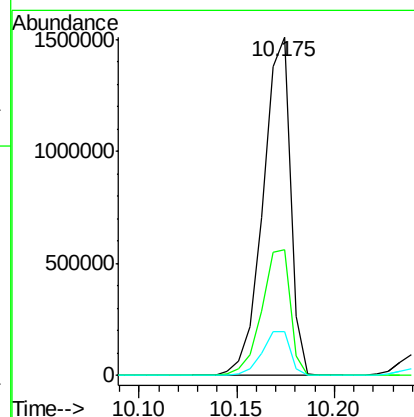
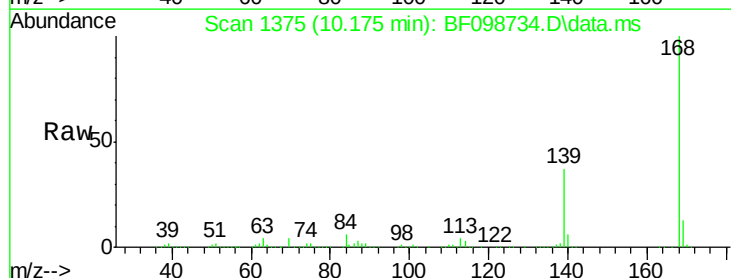
Tgt Ion:168 Resp: 1468792

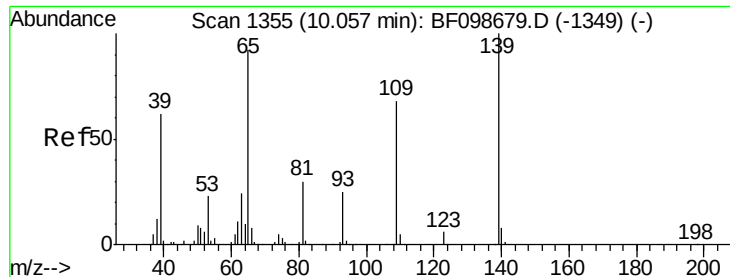
Ion Ratio Lower Upper

168 100

139 37.3 30.1 45.1

169 13.0 10.9 16.3





#55

4-Nitrophenol

Concen: 64.69 ng

RT: 10.069 min Scan# 1355

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

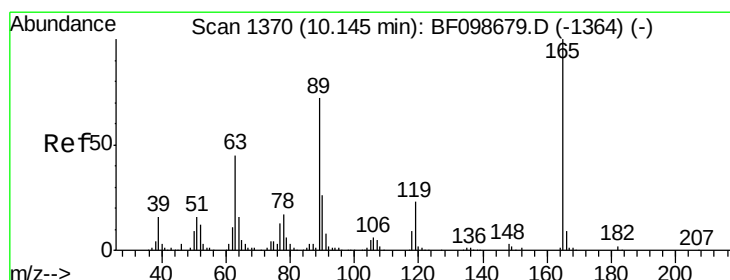
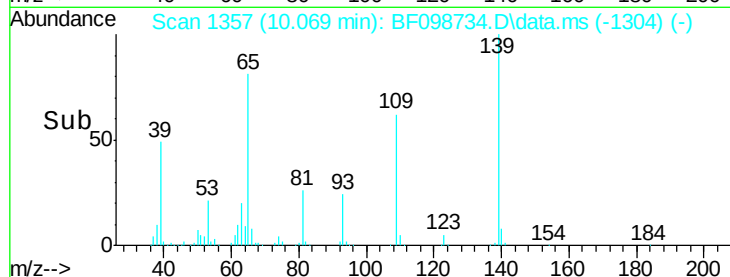
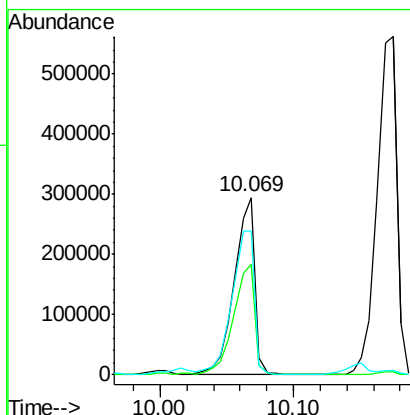
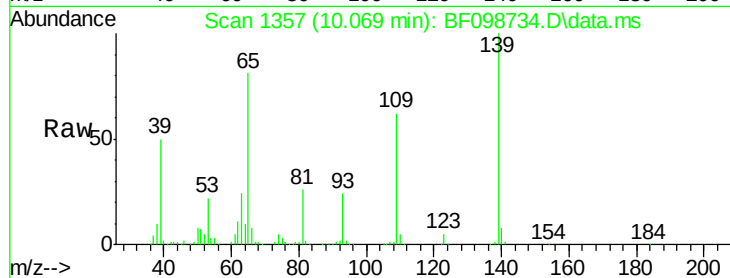
Tot Ion:139 Resp: 318451

Ion Ratio Lower Upper

139 100

109 62.4 48.4 88.4

65 81.3 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 65.12 ng

RT: 10.151 min Scan# 1371

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Tgt Ion:165 Resp: 415145

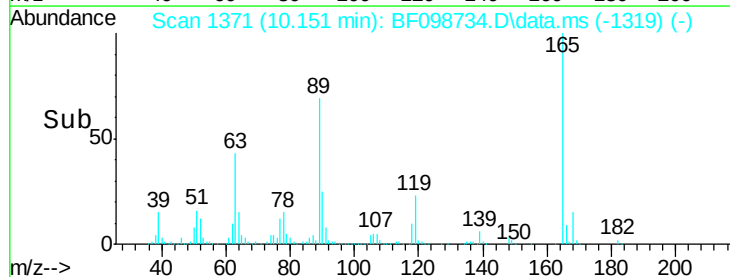
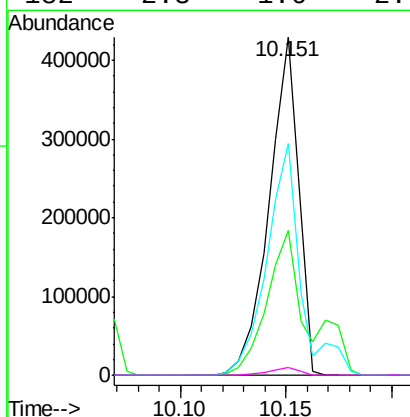
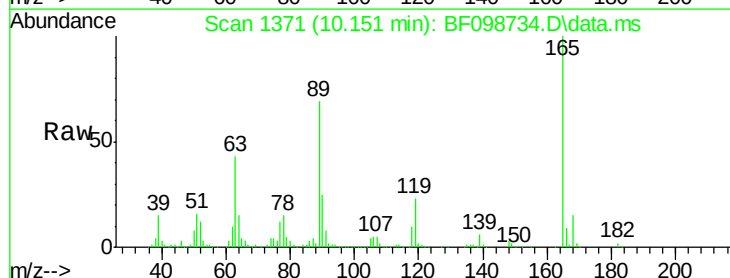
Ion Ratio Lower Upper

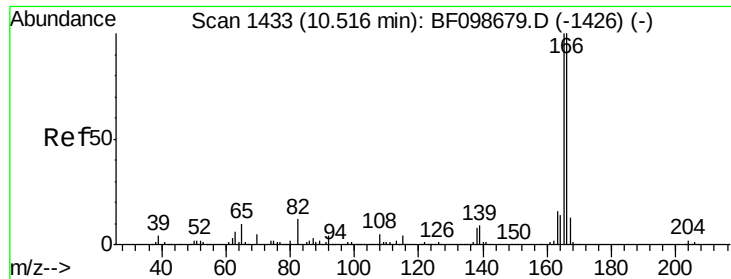
165 100

63 42.8 36.4 54.6

89 68.7 57.8 86.6

182 2.3 1.6 2.4

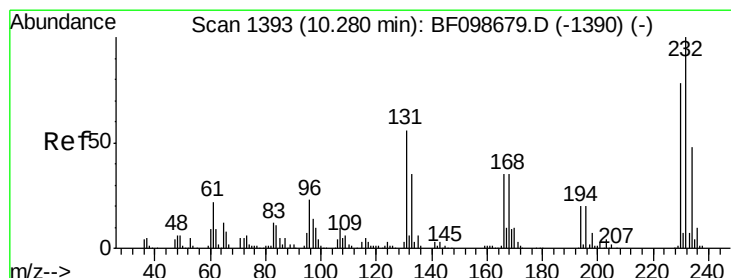
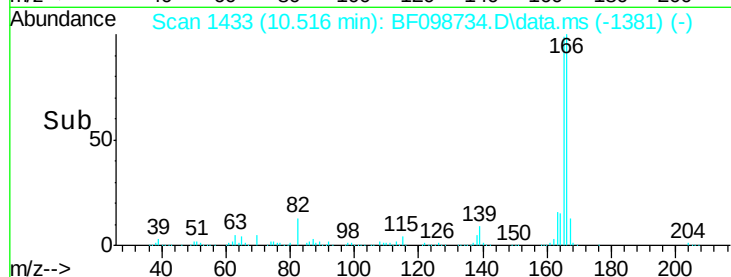
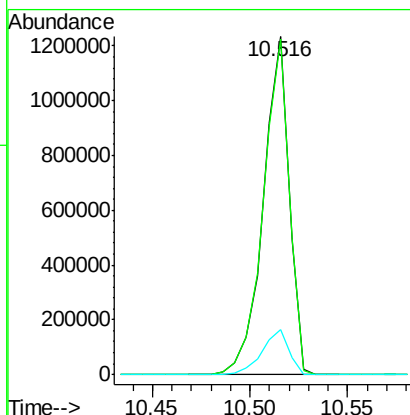
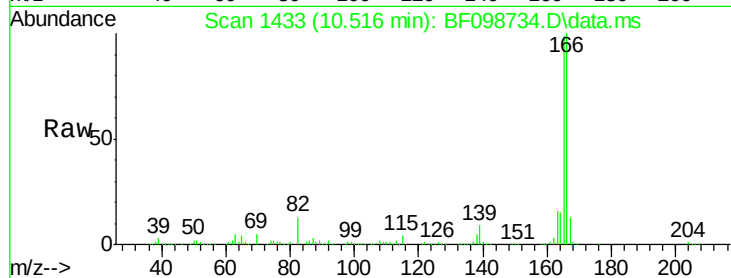




#57
 Fluorene
 Concen: 52.37 ng
 RT: 10.516 min Scan# 1433
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

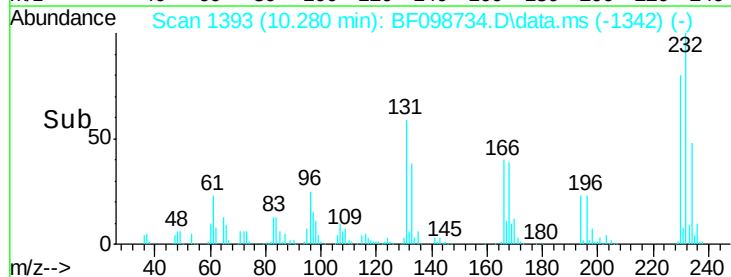
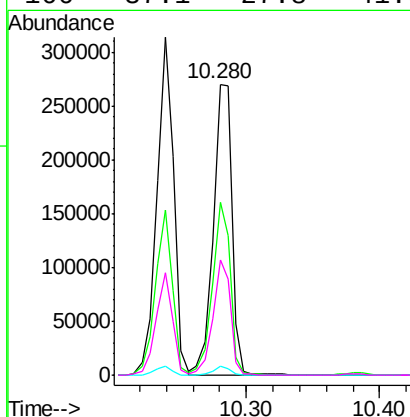
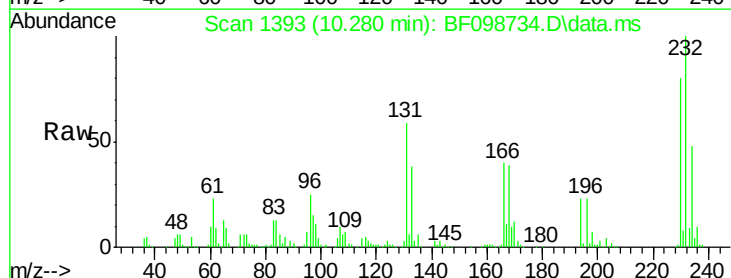
Instrument :
 BNA_F
 ClientSampled :

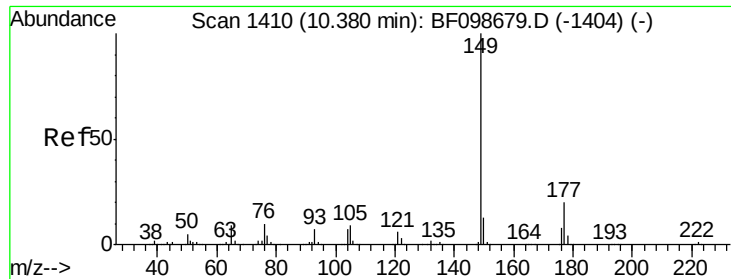
Tot Ion:166 Resp: 1133536
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.82 ng
 RT: 10.280 min Scan# 1393
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion:232 Resp: 269592
 Ion Ratio Lower Upper
 232 100
 131 56.1 43.8 65.8
 130 2.7 2.1 3.1
 166 37.1 27.8 41.6





#59

Diethylphthalate

Concen: 55.67 ng

RT: 10.386 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampled :

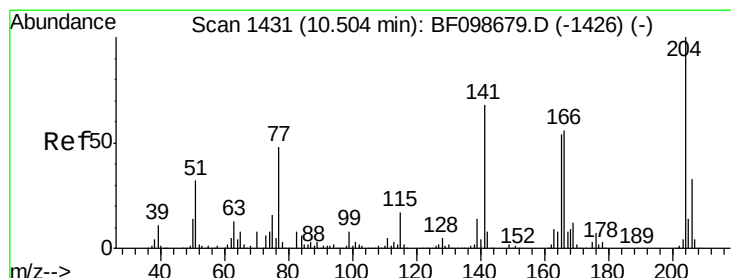
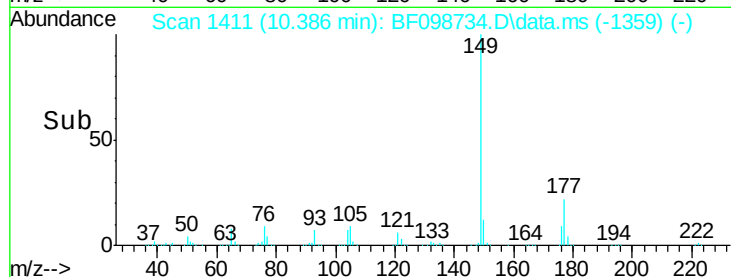
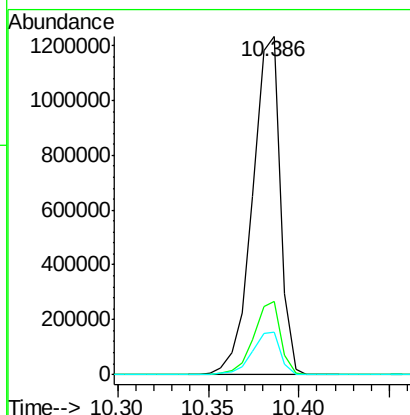
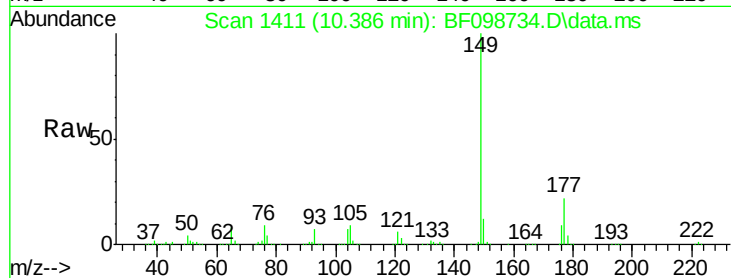
Tot Ion:149 Resp: 1311887

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

150 12.5 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 54.83 ng

RT: 10.504 min Scan# 1431

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

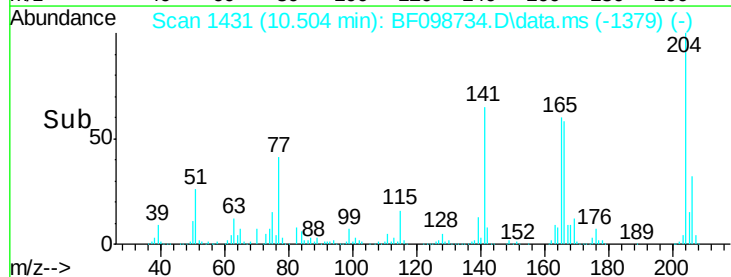
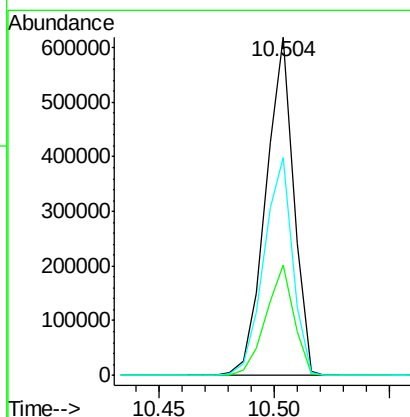
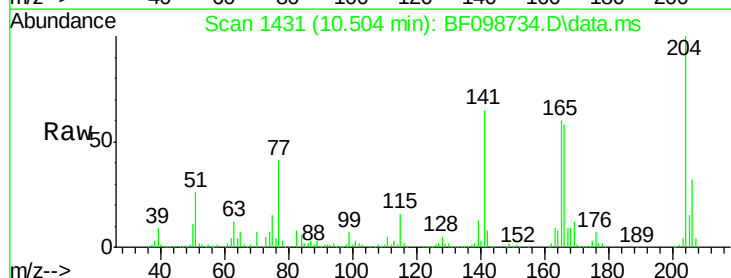
Tgt Ion:204 Resp: 519916

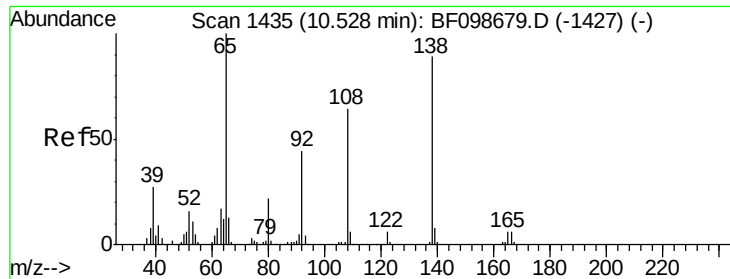
Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

141 64.6 54.6 81.8

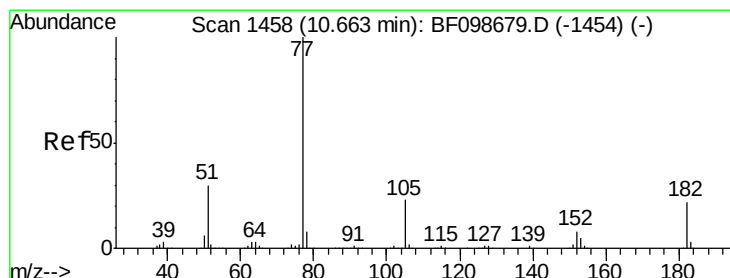
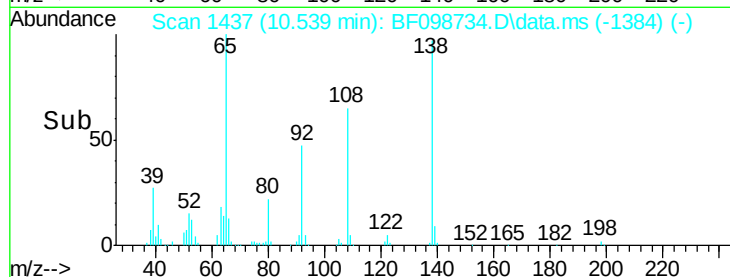
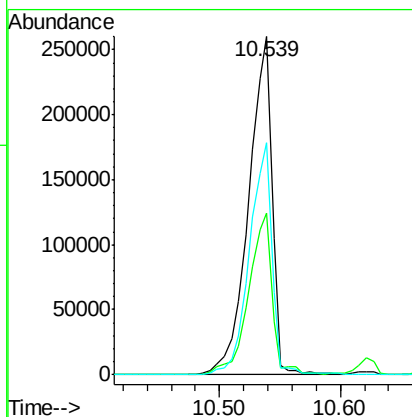
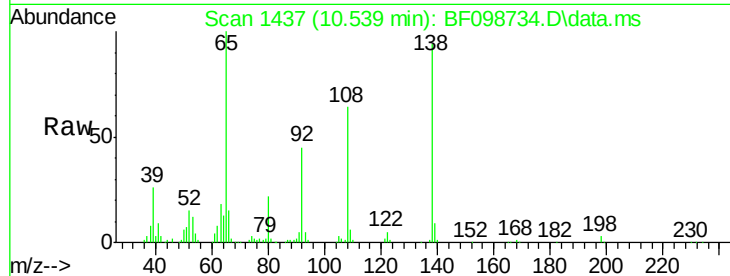




#61
4-Nitroaniline
Concen: 65.40 ng
RT: 10.539 min Scan# 1435
Delta R.T. 0.012 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

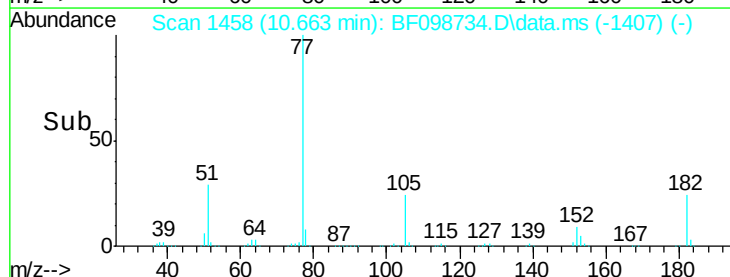
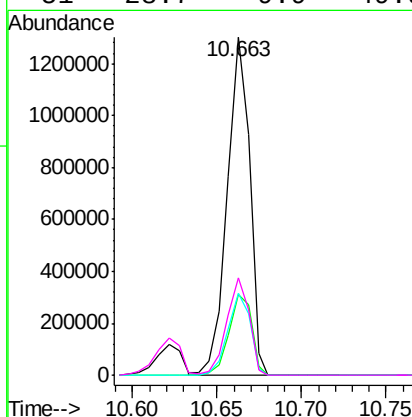
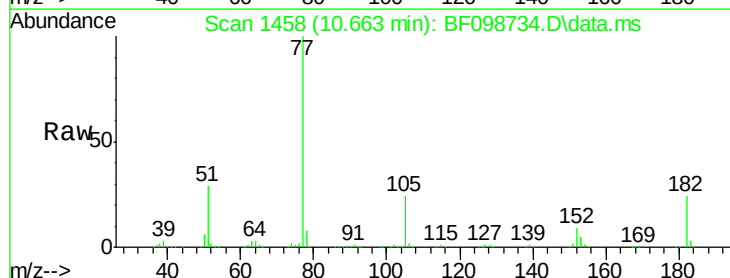
Instrument :
BNA_F
ClientSampleId :

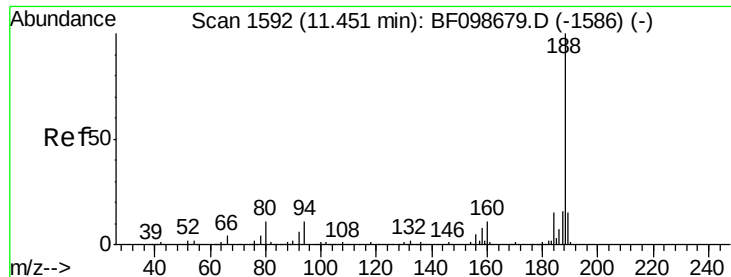
Tot Ion:138 Resp: 354812
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 68.7 52.5 92.5



#62
Azobenzene
Concen: 54.40 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion: 77 Resp: 1199047
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 24.5 3.0 43.0
51 28.7 9.9 49.9

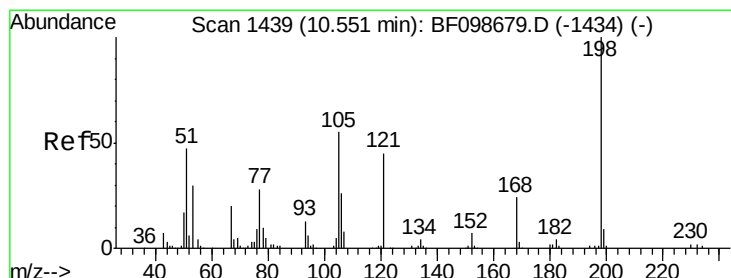
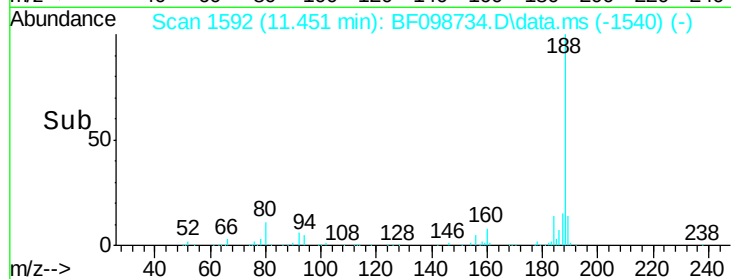
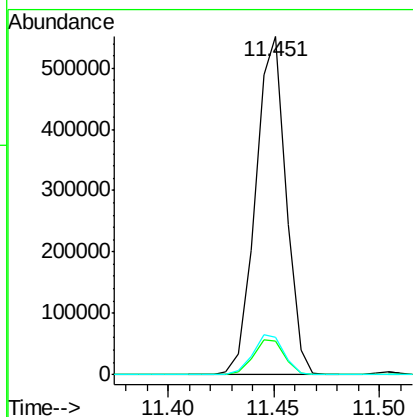
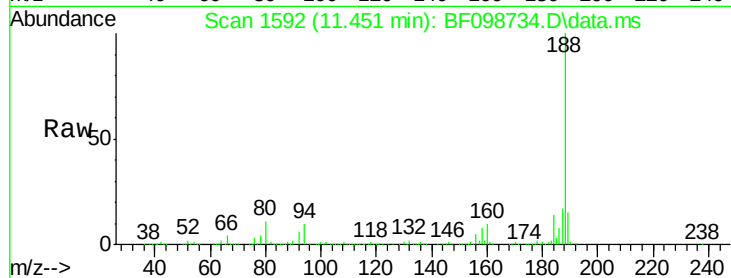




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

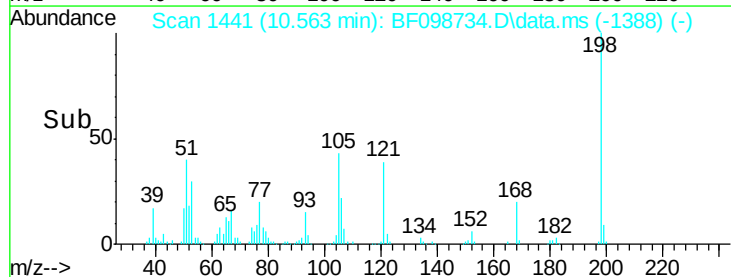
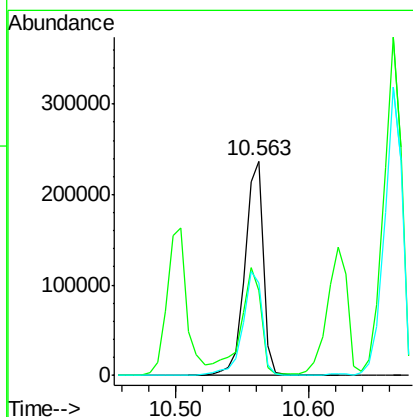
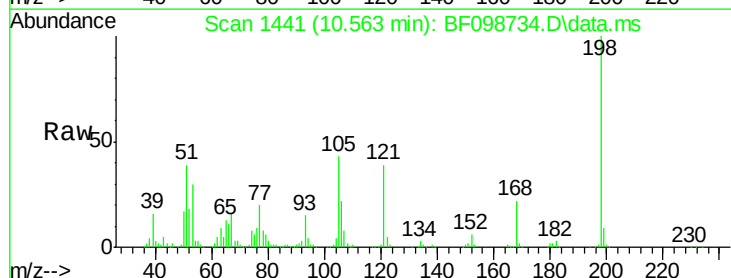
Instrument :
BNA_F
ClientSampleId :

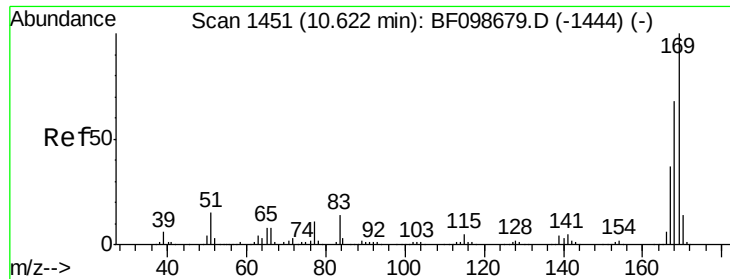
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.1	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 93.89 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.012 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.2	37.7	77.7
105	42.7	36.3	76.3

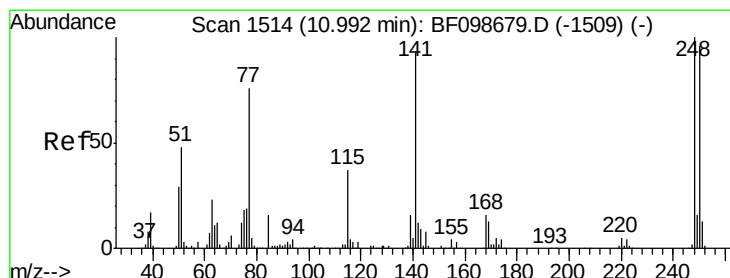
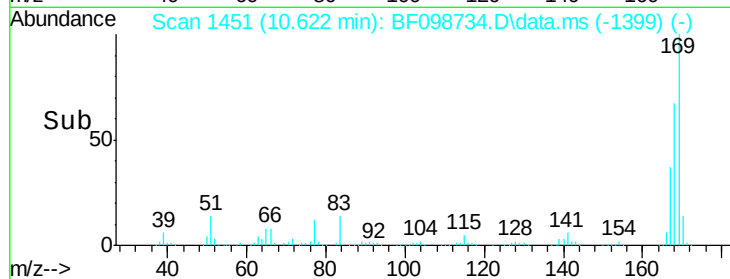
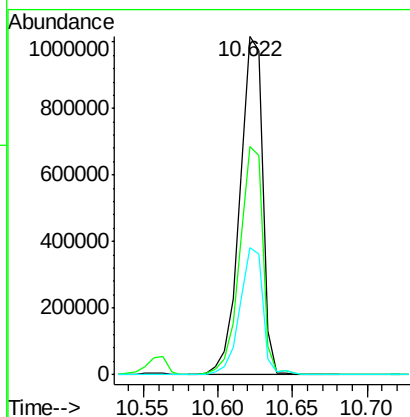
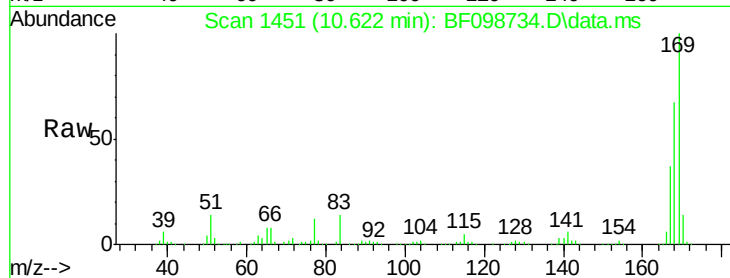




#65
 n-Nitrosodiphenylamine
 Concen: 56.47 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

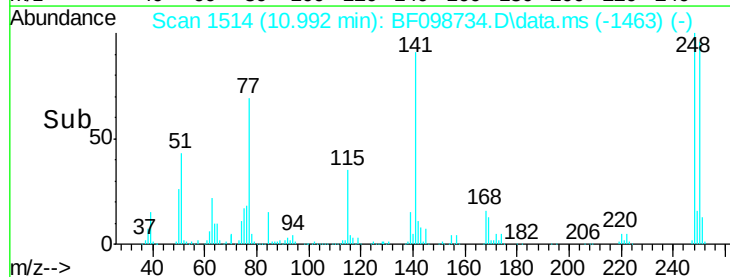
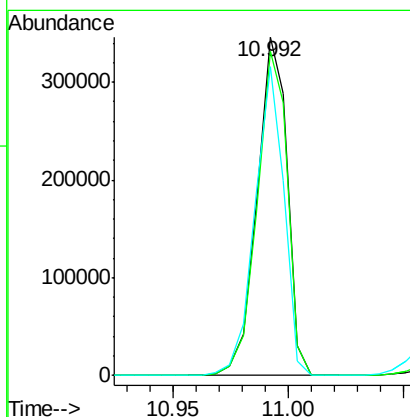
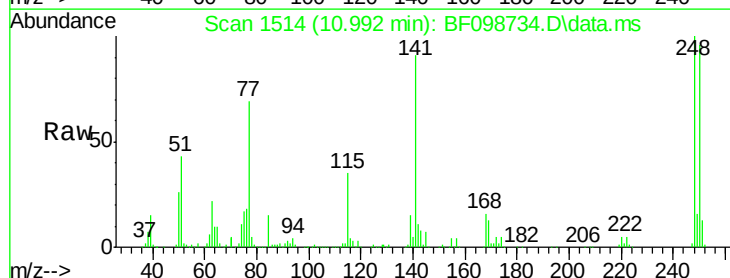
Instrument :
 BNA_F
 ClientSampleId :

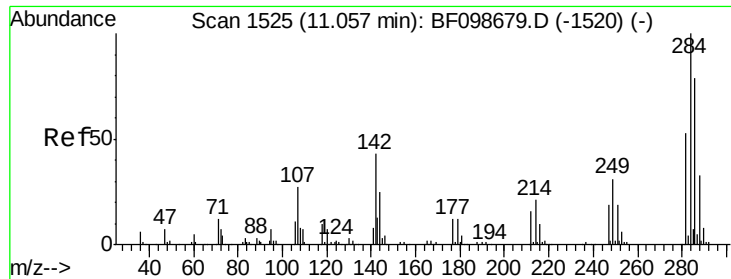
Tot Ion:169 Resp: 1076448
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 56.47 ng
 RT: 10.992 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion:248 Resp: 315757
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.9 115.3
 141 91.1 74.4 111.6

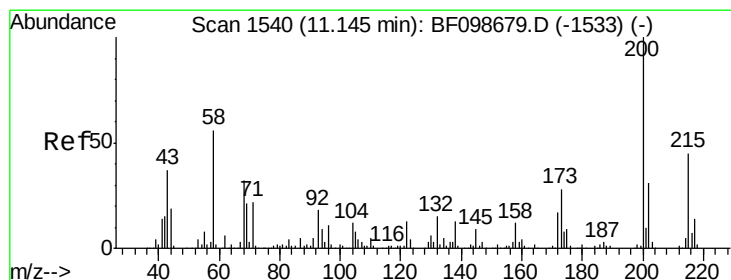
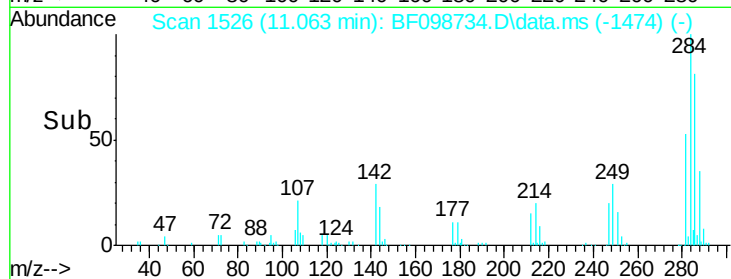
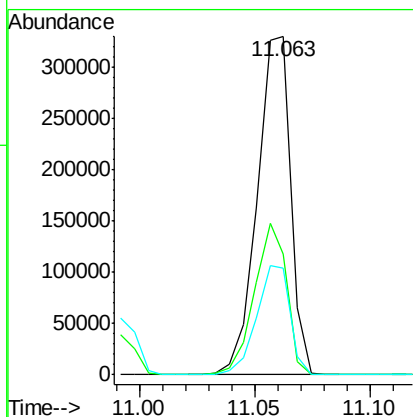
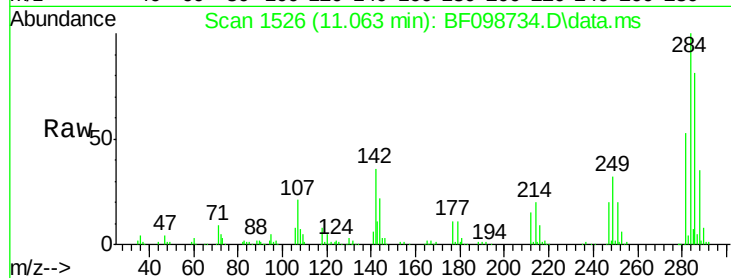




#67
Hexachlorobenzene
Concen: 52.41 ng
RT: 11.063 min Scan# 1525
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

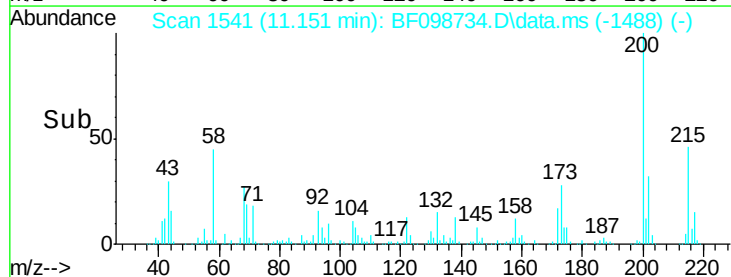
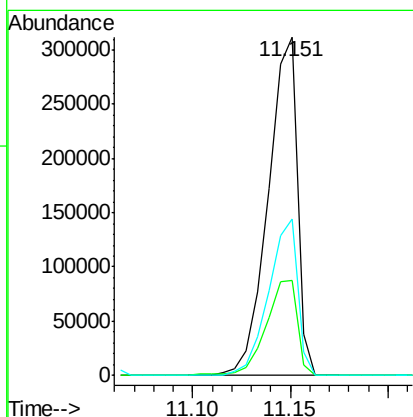
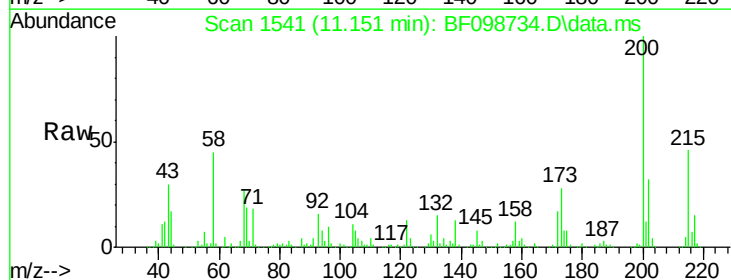
Instrument :
BNA_F
ClientSampleId :

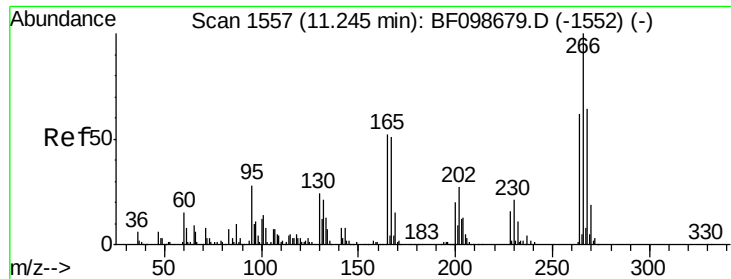
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.6	34.6	52.0
249	31.6	24.8	37.2



#68
Atrazine
Concen: 56.54 ng
RT: 11.151 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.6	48.6
215	46.2	25.1	65.1

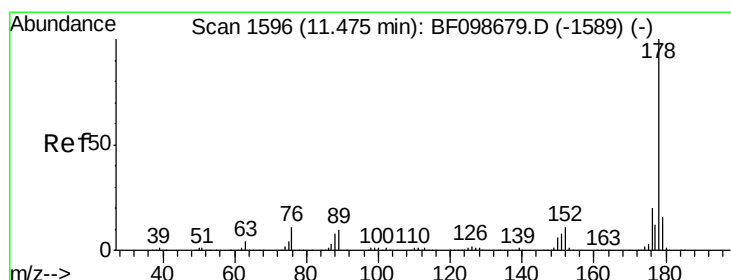
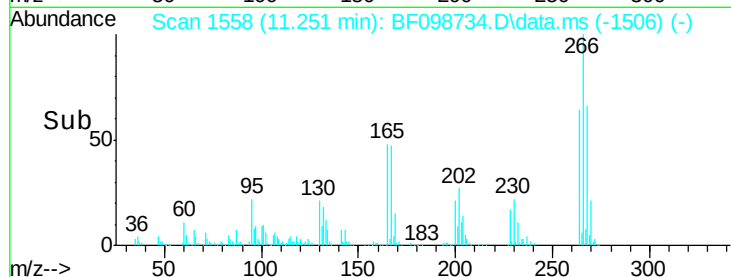
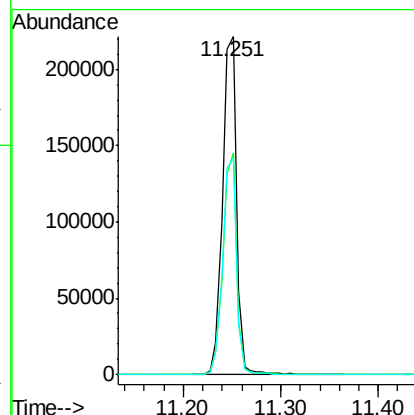
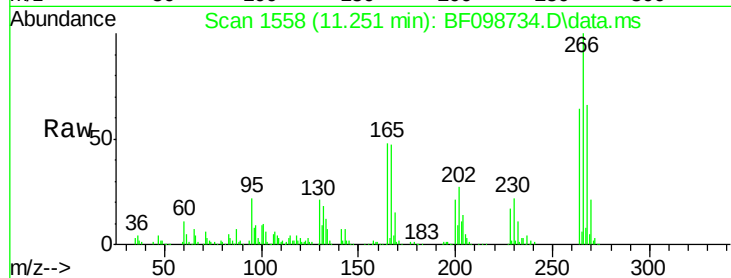




#69
 Pentachlorophenol
 Concen: 61.04 ng
 RT: 11.251 min Scan# 1557
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

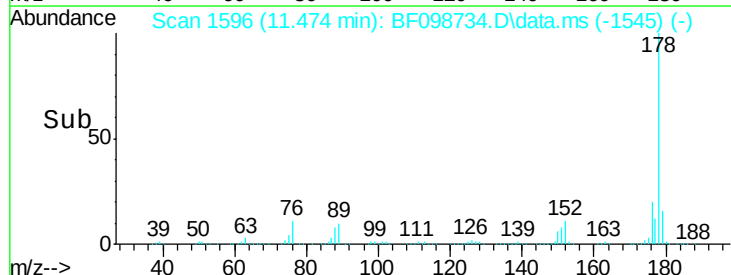
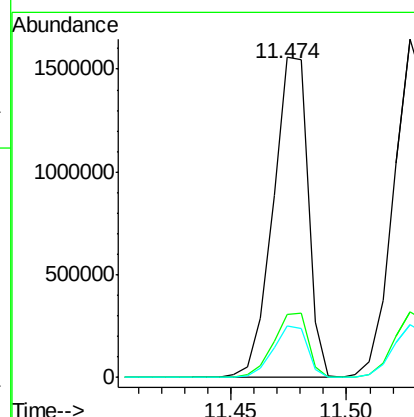
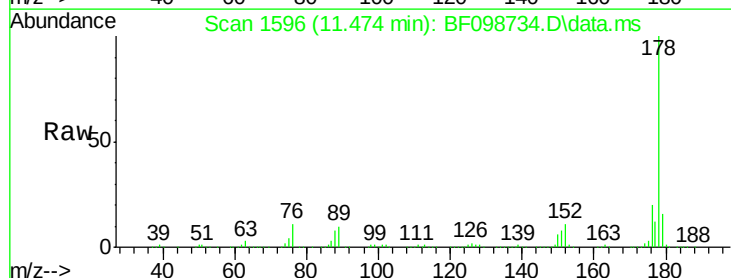
Instrument :
 BNA_F
 ClientSampleId :

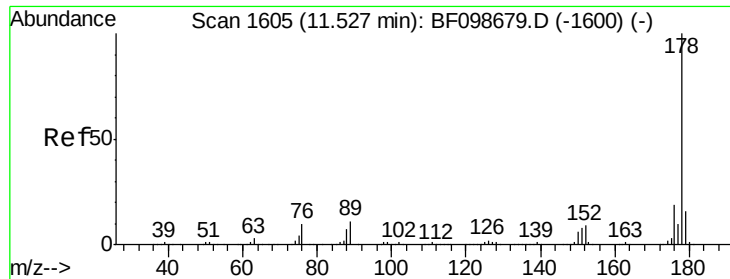
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	63.9	49.5	74.3



#70
 Phenanthrene
 Concen: 54.33 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.1	13.0	19.6

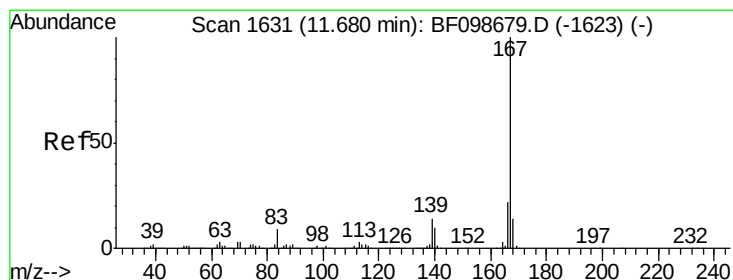
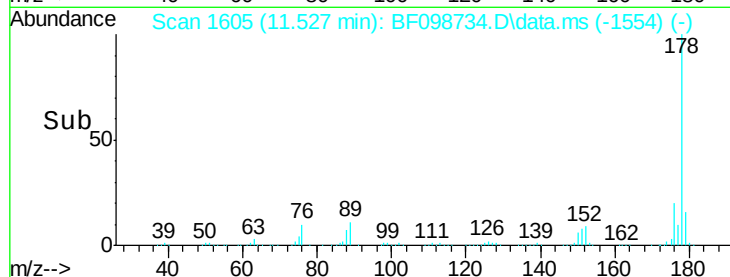
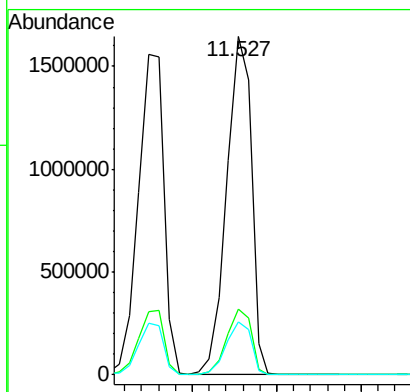
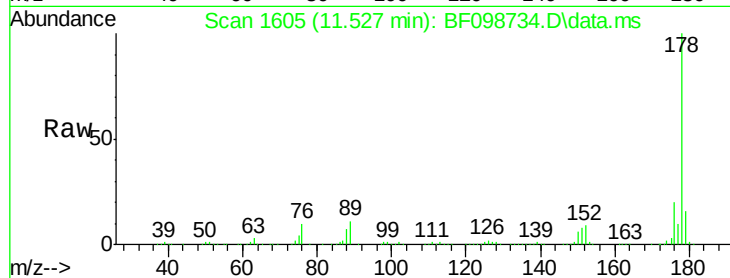




#71
 Anthracene
 Concen: 54.71 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

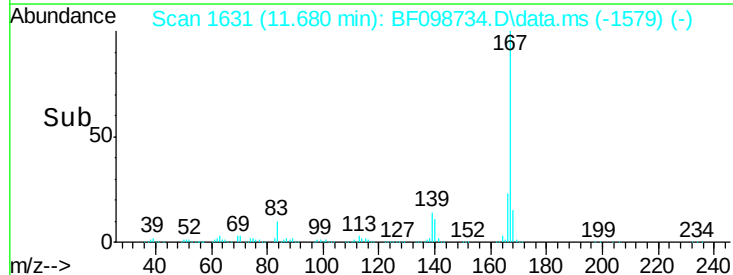
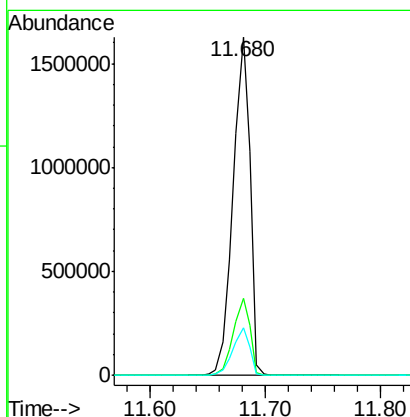
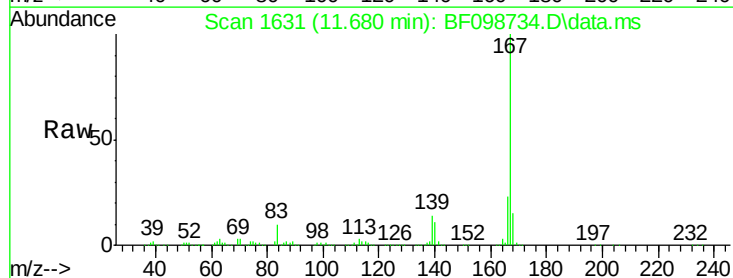
Instrument :
 BNA_F
 ClientSampleId :

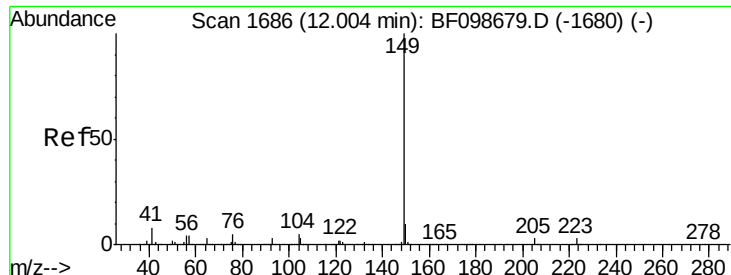
Tot Ion:178 Resp: 1675793
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 55.28 ng
 RT: 11.680 min Scan# 1631
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion:167 Resp: 1654605
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 56.70 ng

RT: 12.004 min Scan# 16

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

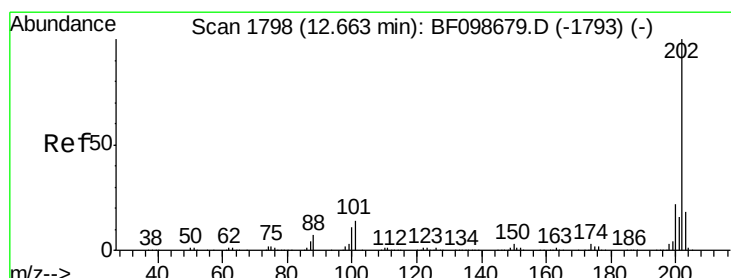
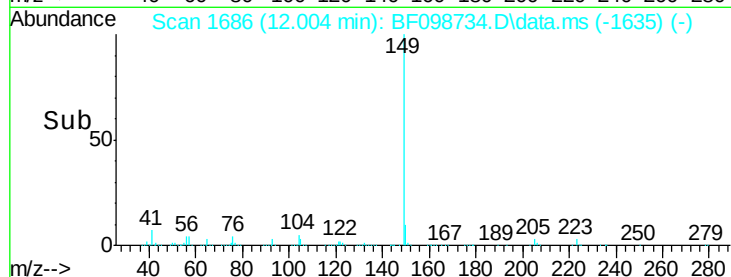
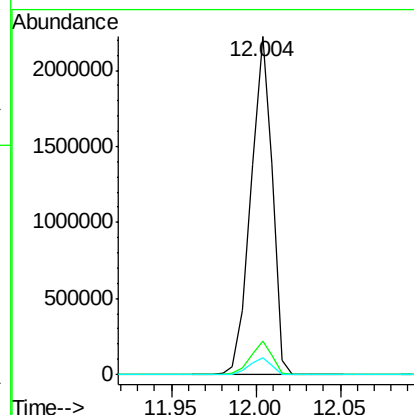
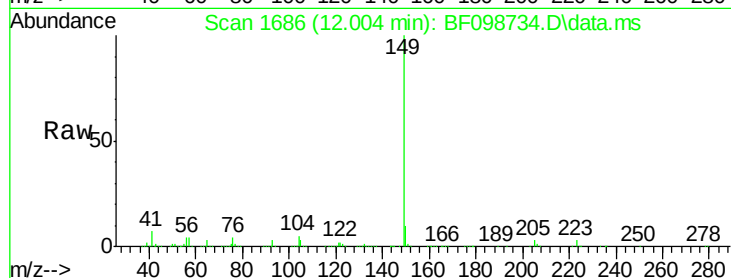
Tot Ion:149 Resp: 1971092

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 4.9 3.8 5.8



#74

Fluoranthene

Concen: 55.23 ng

RT: 12.663 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

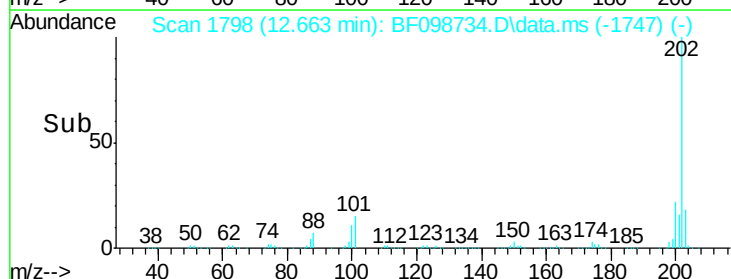
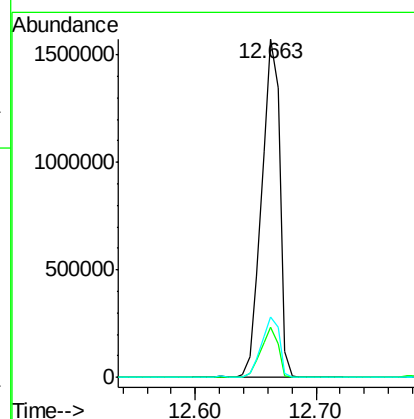
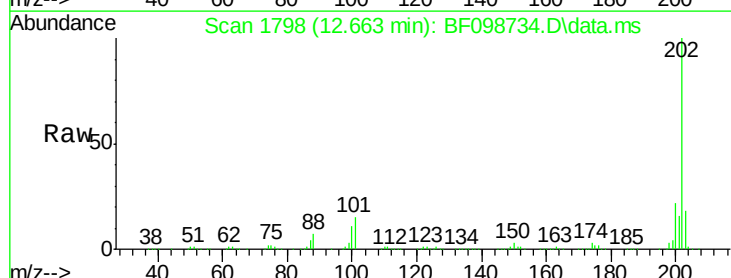
Tgt Ion:202 Resp: 1653451

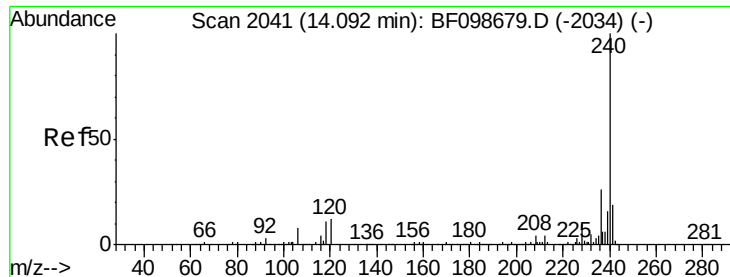
Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampled :

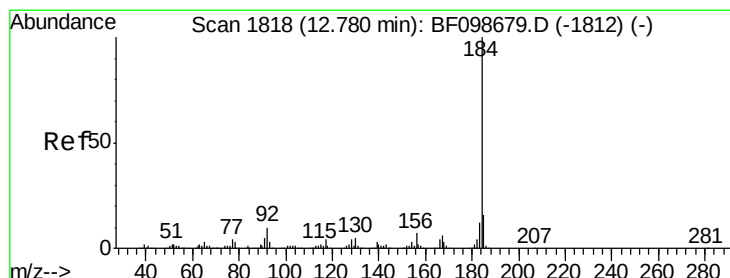
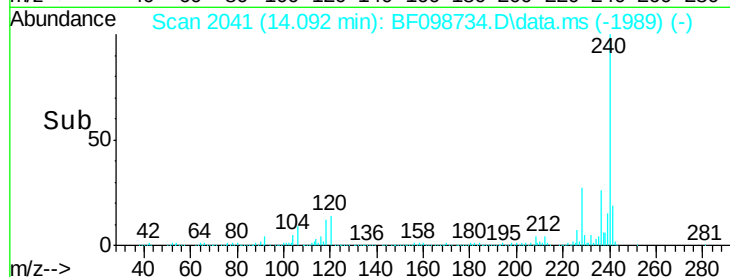
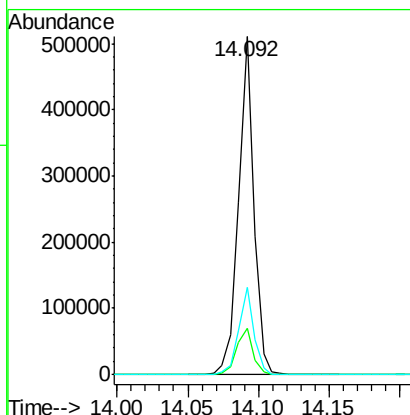
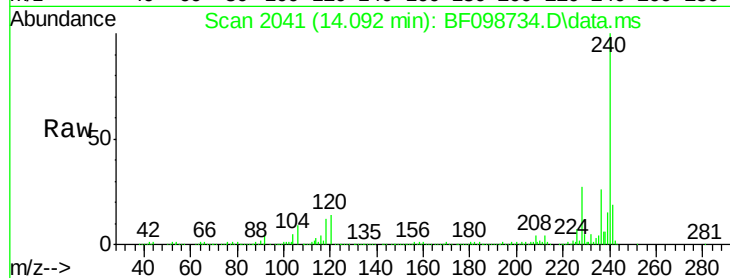
Tot Ion:240 Resp: 386493

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

236 25.8 20.7 31.1



#76

Benzidine

Concen: 1.67 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.253 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

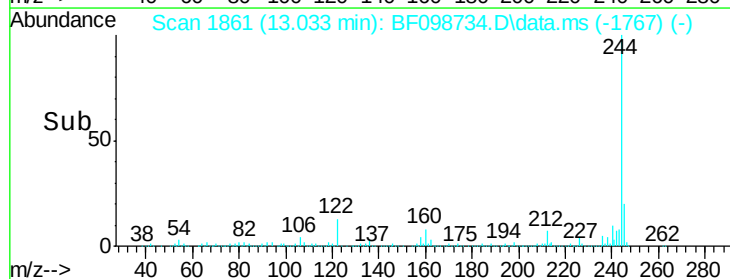
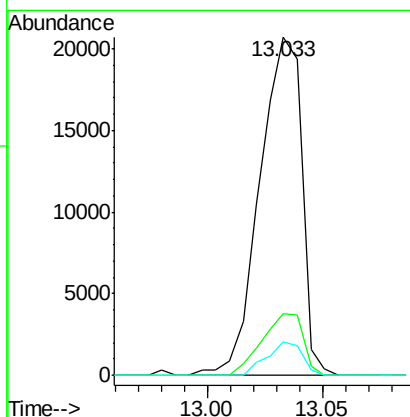
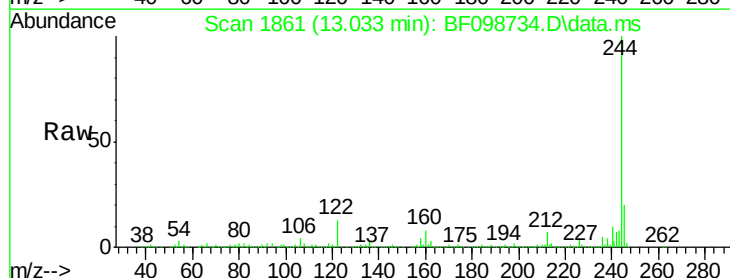
Tgt Ion:184 Resp: 26181

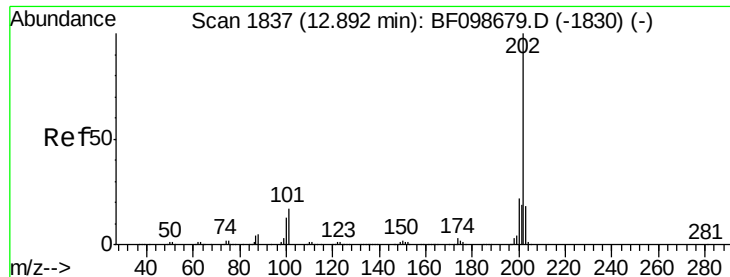
Ion Ratio Lower Upper

184 100

185 18.2 12.6 18.8

183 9.8 9.3 13.9





#77

Pvrene

Concen: 59.26 ng

RT: 12.898 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

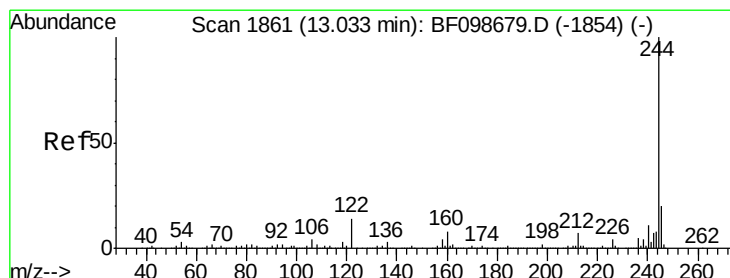
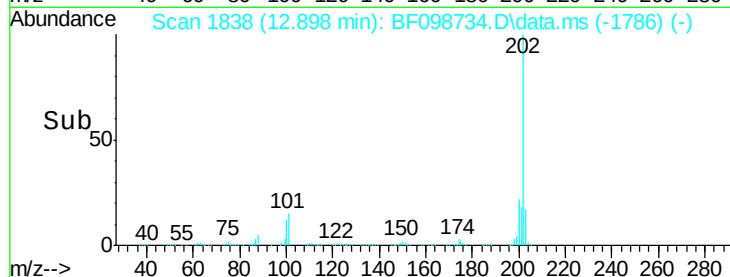
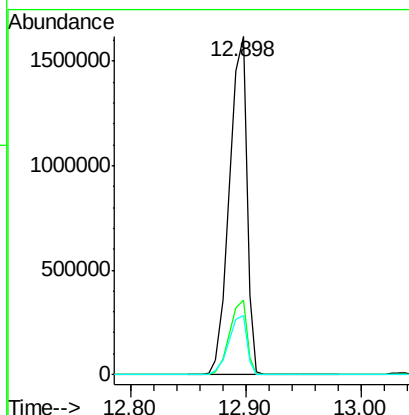
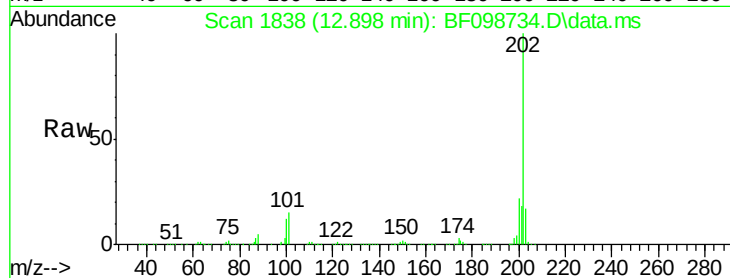
Tot Ion:202 Resp: 1700275

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 17.5 14.3 21.5



#78

Terphenyl-d14

Concen: 107.23 ng

RT: 13.033 min Scan# 1861

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

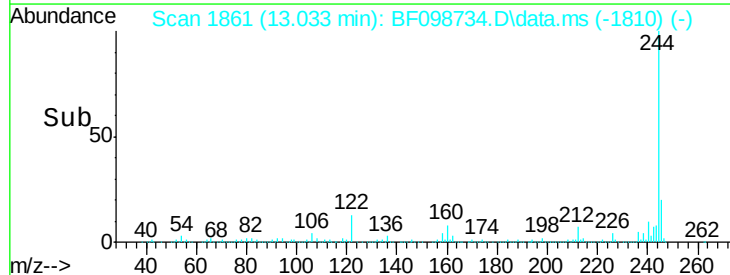
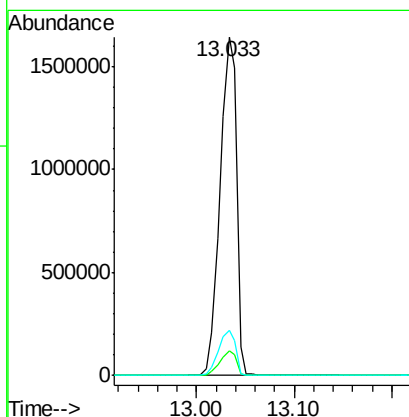
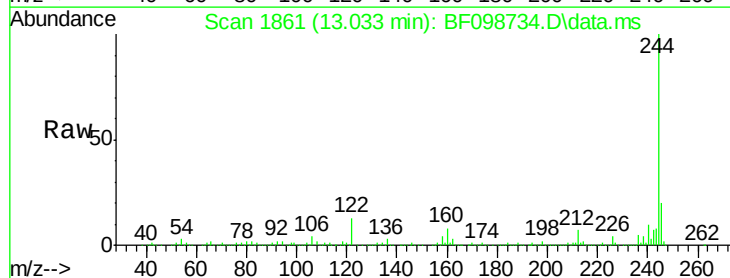
Tgt Ion:244 Resp: 1930161

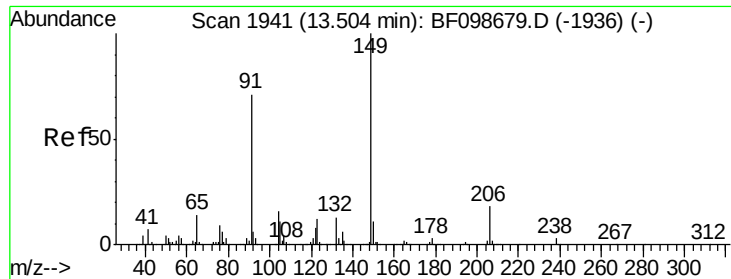
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 13.2 11.0 16.4

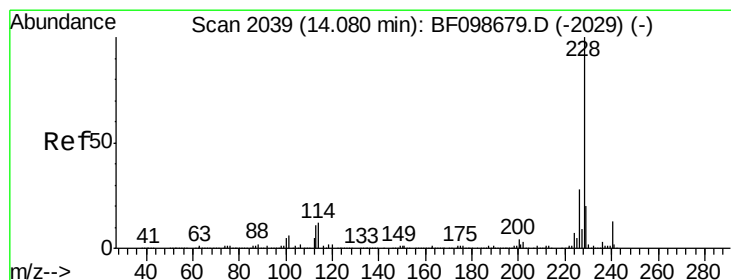
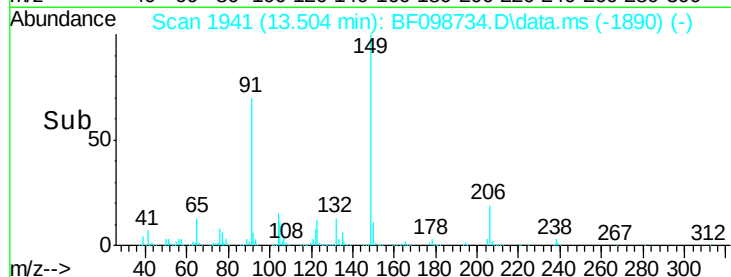
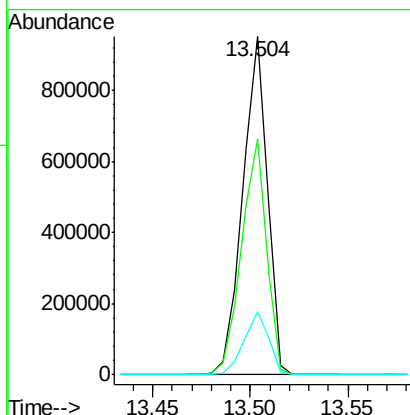
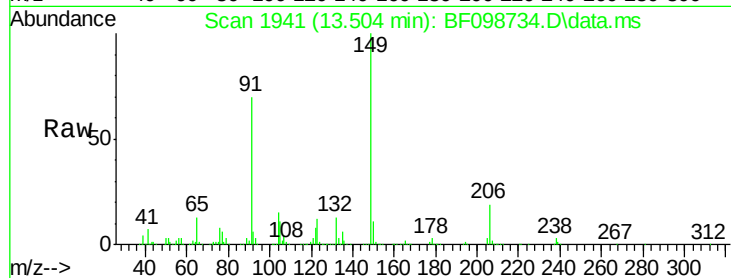




#79
Butylbenzylphthalate
Concen: 70.11 ng
RT: 13.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

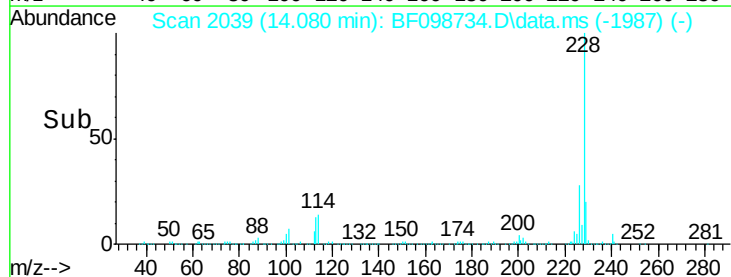
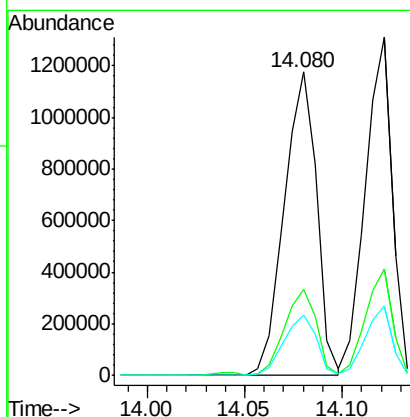
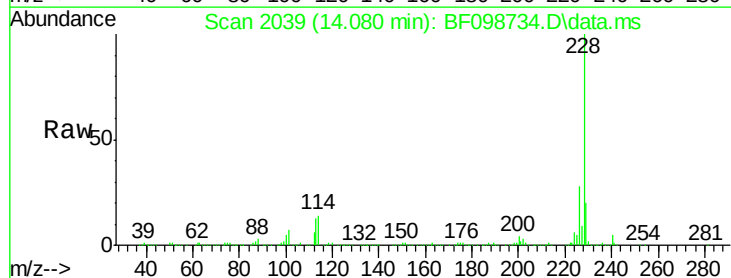
Instrument :
BNA_F
ClientSampleId :

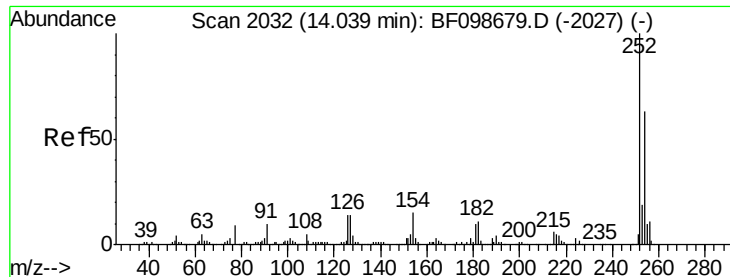
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.8	85.2
206	18.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 57.90 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

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

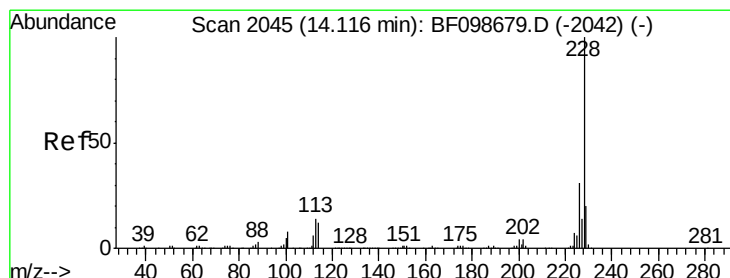
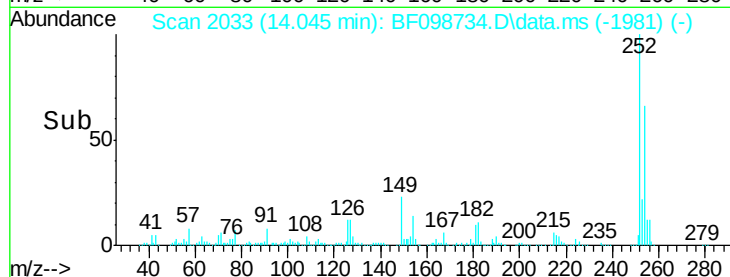
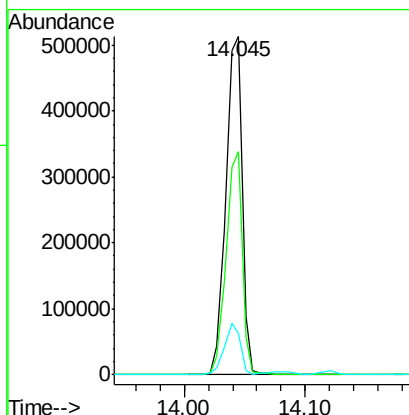
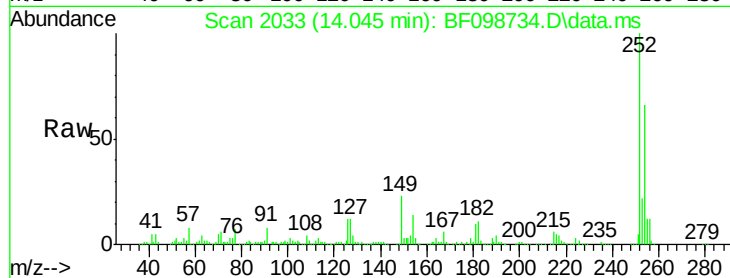




#81
 3,3'-Dichlorobenzidine
 Concen: 58.25 ng
 RT: 14.045 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

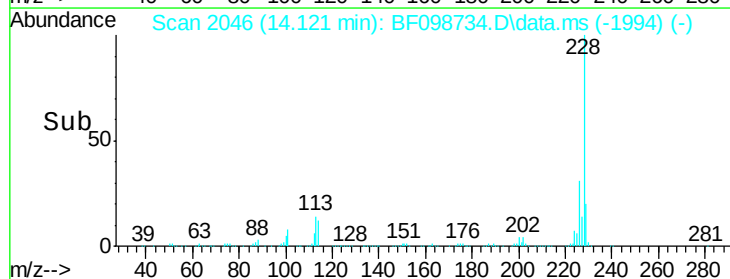
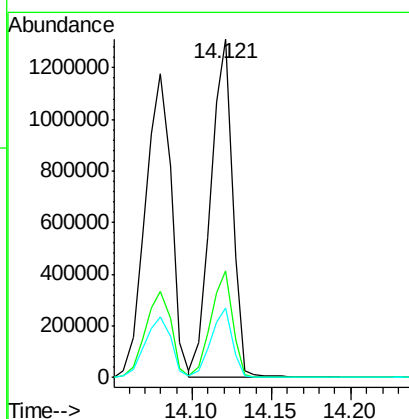
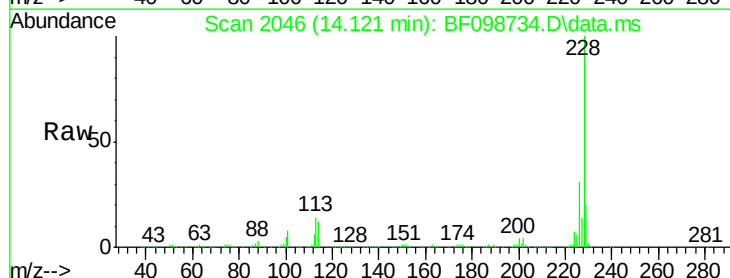
Instrument :
 BNA_F
 ClientSampled :

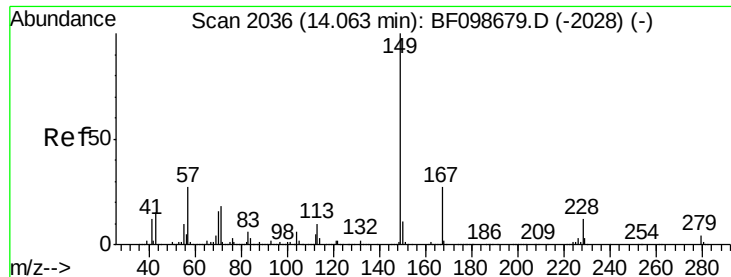
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.4	75.6
126	12.3	11.3	16.9



#82
 Chrysene
 Concen: 55.87 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 67.80 ng

RT: 14.057 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

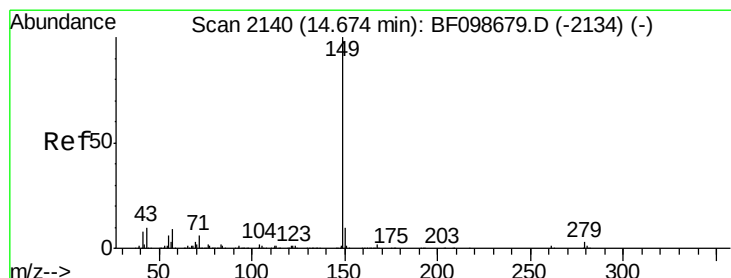
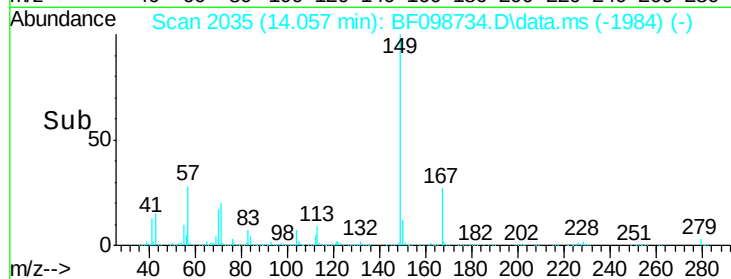
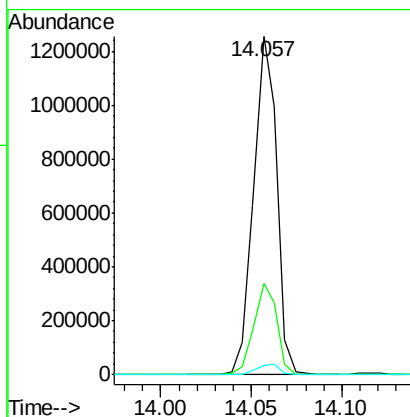
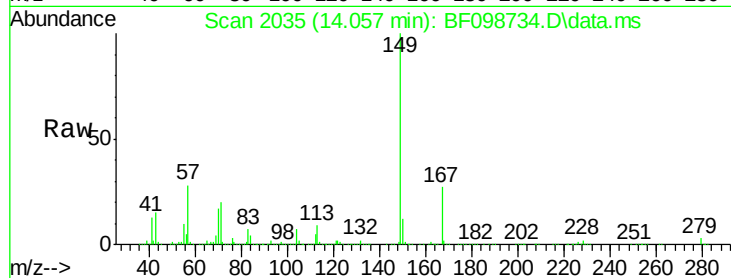
Tot Ion:149 Resp: 1113355

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

279 2.8 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 73.17 ng

RT: 14.674 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

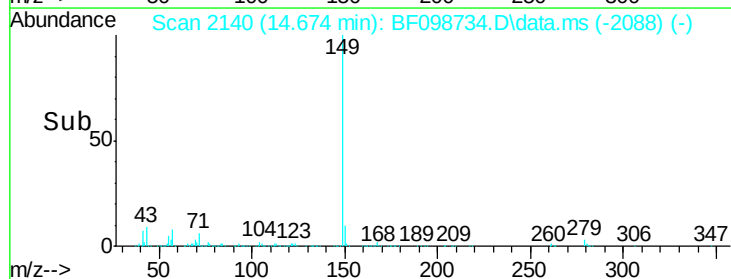
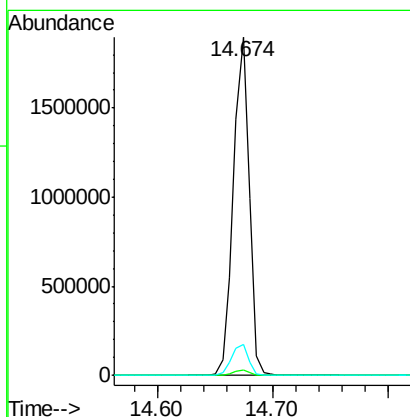
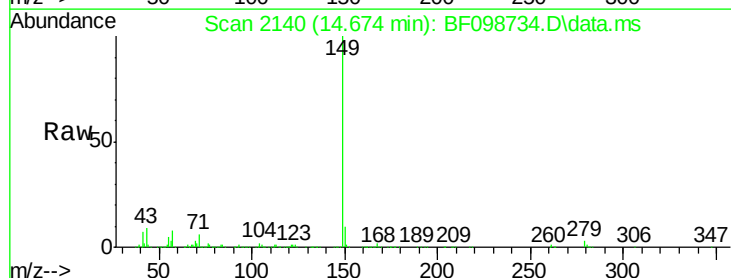
Tgt Ion:149 Resp: 1804371

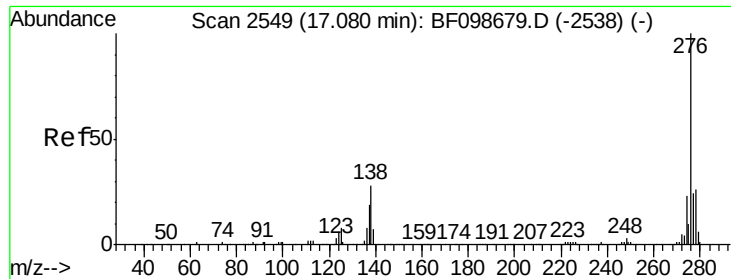
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 8.4 12.6

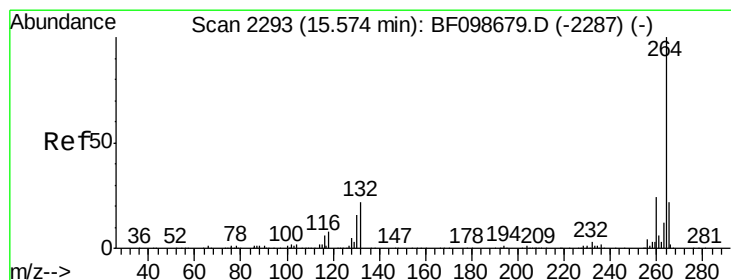
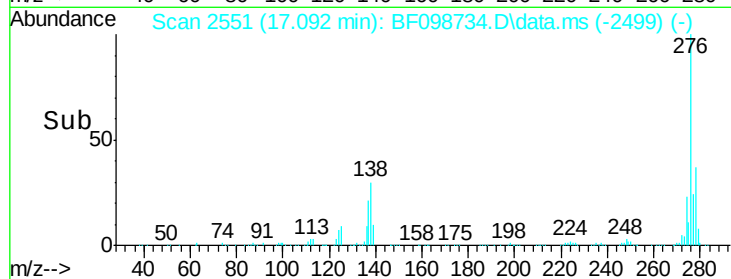
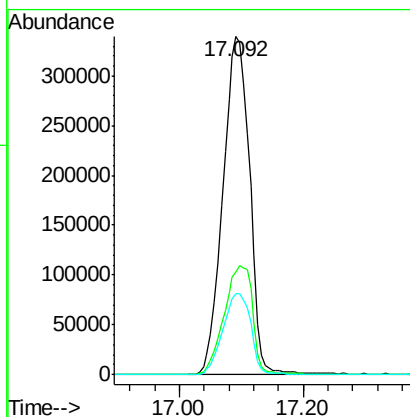
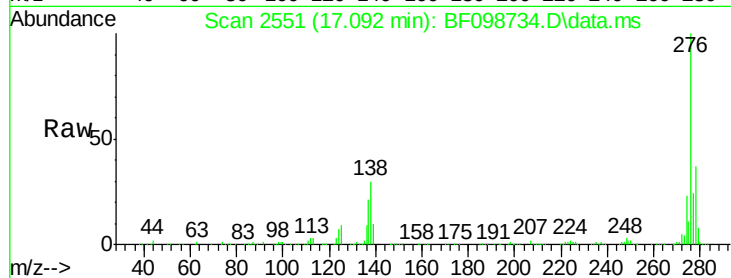




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.47 ng
 RT: 17.092 min Scan# 2549
 Delta R.T. 0.006 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

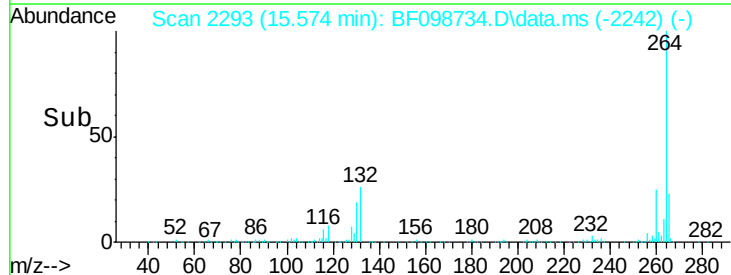
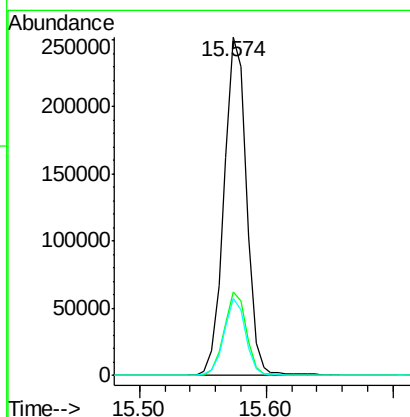
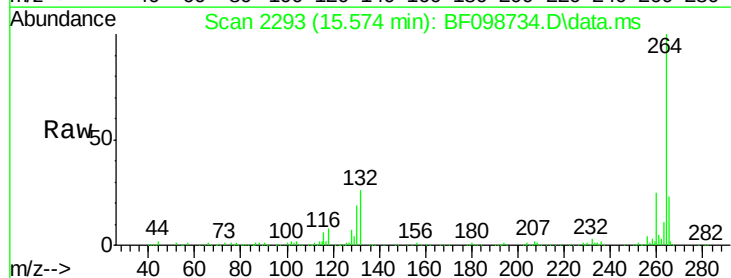
Instrument :
 BNA_F
 ClientSampleId :

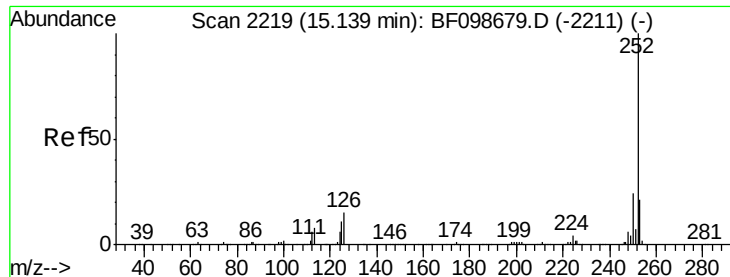
Tot Ion:276 Resp: 1019641
 Ion Ratio Lower Upper
 276 100
 138 34.1 25.0 37.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.000 min
 Lab File: BF098734.D
 Acq: 23 Sep 2017 12:50

Tgt Ion:264 Resp: 308612
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.6 17.5 26.3

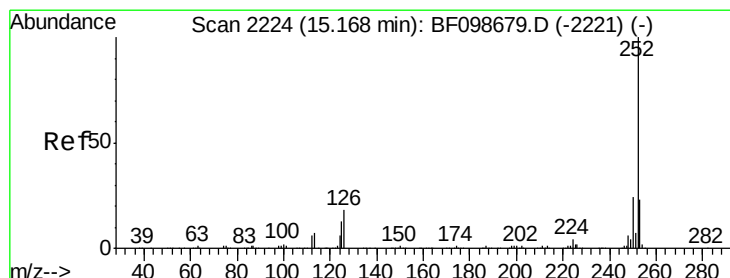
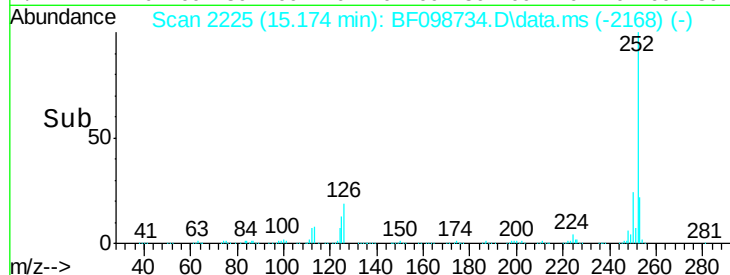
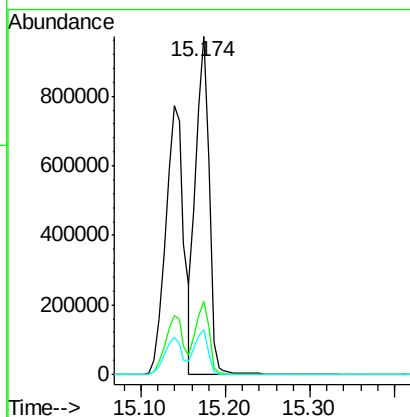
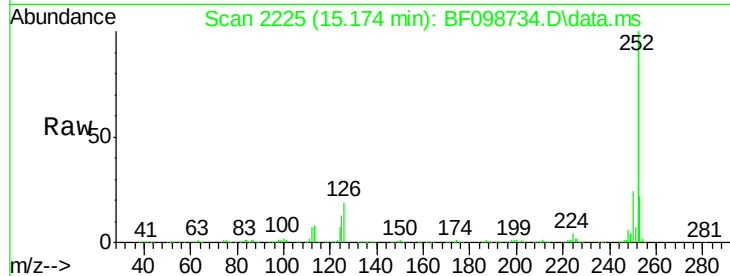




#87
Benzo(b)fluoranthene
Concen: 58.81 ng
RT: 15.174 min Scan# 2219
Delta R.T. 0.035 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

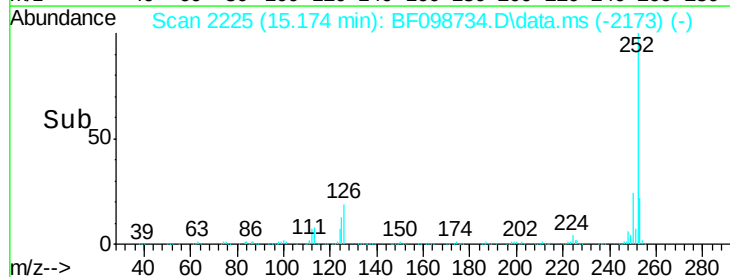
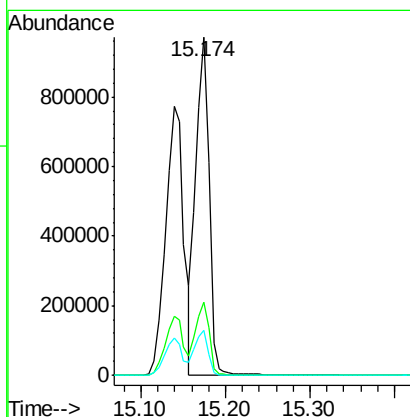
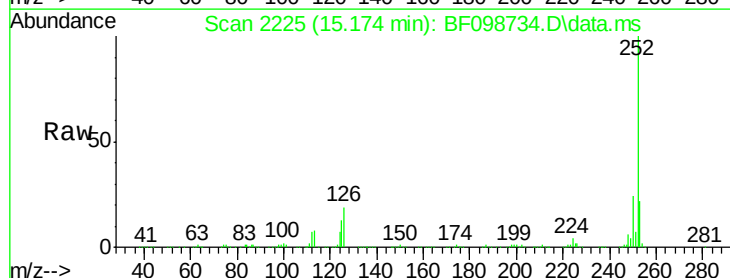
Instrument :
BNA_F
ClientSampleId :

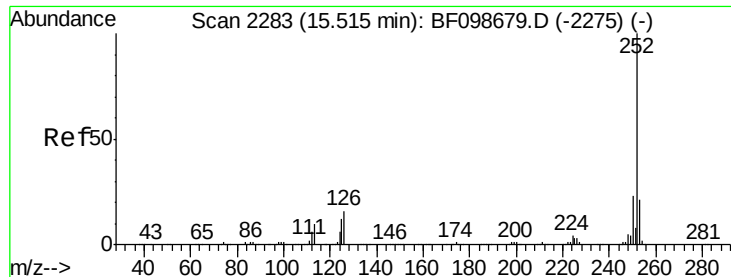
Tot Ion:252 Resp: 1052632
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 58.85 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF098734.D
Acq: 23 Sep 2017 12:50

Tgt Ion:252 Resp: 1052632
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 62.63 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.006 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

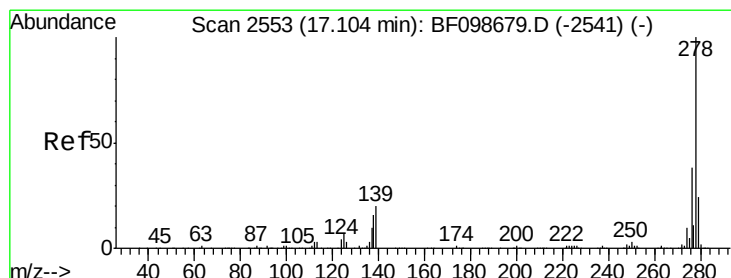
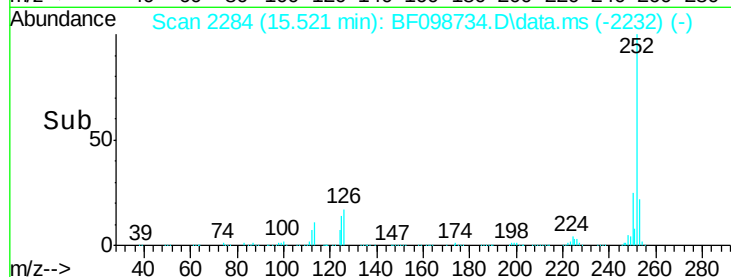
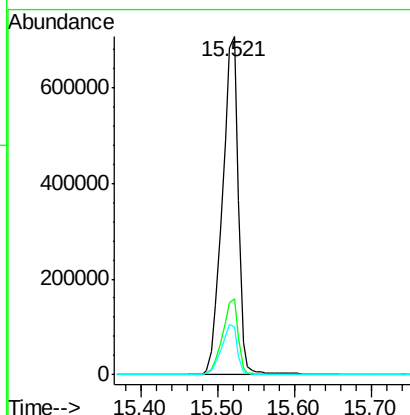
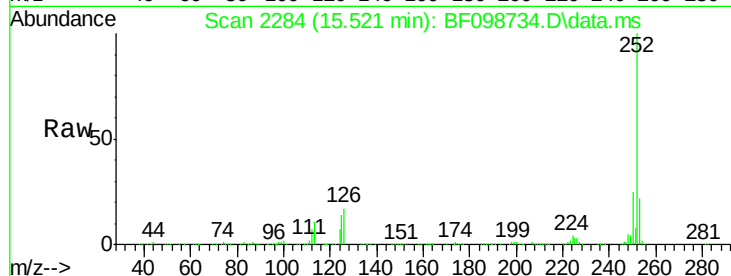
Tot Ion:252 Resp: 1018084

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 14.0 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 60.10 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

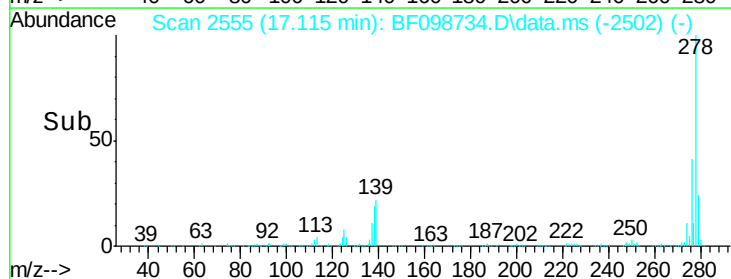
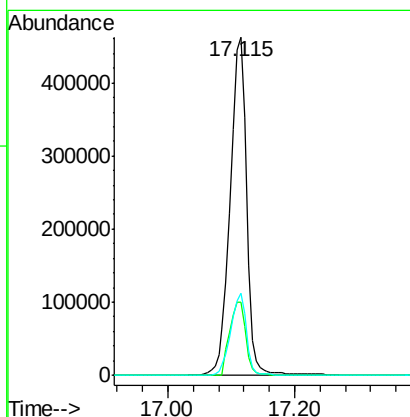
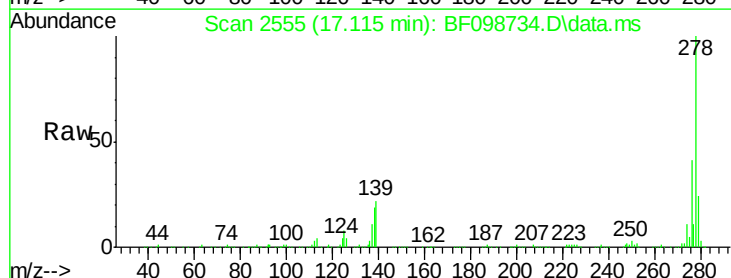
Tgt Ion:278 Resp: 826180

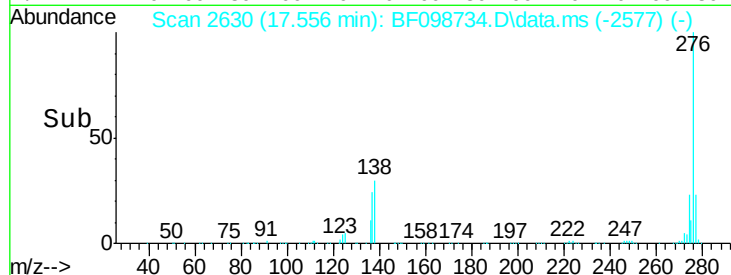
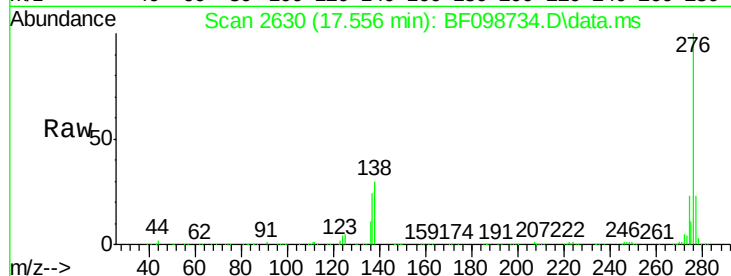
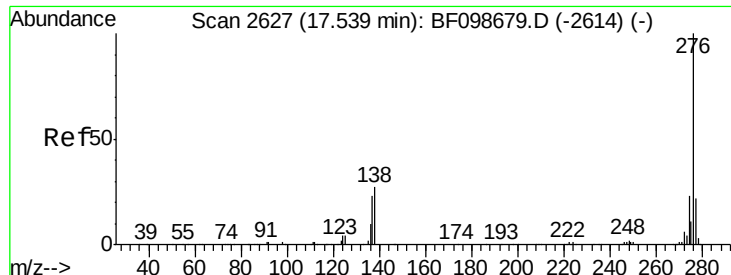
Ion Ratio Lower Upper

278 100

139 21.6 15.9 23.9

279 24.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 60.36 ng

RT: 17.556 min Scan# 26

Delta R.T. 0.012 min

Lab File: BF098734.D

Acq: 23 Sep 2017 12:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 834155

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 29.7 21.8 32.8

