

Data Path : Z:\HPCHEM1\BNA F\Data\BF092317\
 Data File : BF098735.D
 Acq On : 23 Sep 2017 13:18
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 13:42:43 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	6.927	152	174112	20.00	ng	0.00
21) Naphthalene-d8	8.210	136	729692	20.00	ng	0.00
38) Acenaphthene-d10	9.968	164	324393	20.00	ng	0.00
63) Phenanthrene-d10	11.451	188	556561	20.00	ng	0.00
75) Chrysene-d12	14.092	240	359883	20.00	ng	0.00
86) Perylene-d12	15.580	264	293072	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.545	112	1610359	140.45	ng	0.00
7) Phenol-d6	6.563	99	1974948	142.24	ng	0.02
23) Nitrobenzene-d5	7.498	82	1707958	158.77	ng	0.01
41) 2,4,6-Tribromophenol	10.757	330	398025	134.17	ng	0.00
44) 2-Fluorobiphenyl	9.286	172	2626945	128.86	ng	0.00
78) Terphenyl-d14	13.039	244	2330613	139.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.769	88	400923	74.03	ng	99
3) Pyridine	3.545	79	1125218	78.18	ng	99
4) n-Nitrosodimethylamine	3.522	42	475884	75.45	ng	# 96
6) Aniline	6.604	93	1388072	75.47	ng	99
8) 2-Chlorophenol	6.716	128	883313	70.92	ng	99
9) Benzaldehyde	6.480	77	466432	59.89	ng	98
10) Phenol	6.575	94	1092003	71.26	ng	95
11) bis(2-Chloroethyl)ether	6.669	93	877952	74.37	ng	99
12) 1,3-Dichlorobenzene	6.869	146	945226	71.85	ng	99
13) 1,4-Dichlorobenzene	6.945	146	951290	71.44	ng	99
14) 1,2-Dichlorobenzene	7.104	146	831680	66.98	ng	98
15) Benzyl Alcohol	7.075	79	681642	68.04	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1342157	71.34	ng	97
17) 2-Methylphenol	7.175	107	761277	75.01	ng	99
18) Hexachloroethane	7.439	117	348537	76.03	ng	96
19) n-Nitroso-di-n-propyla...	7.357	70	627318	72.93	ng	96
20) 3+4-Methylphenols	7.333	107	870595	66.53	ng	# 88
22) Acetophenone	7.345	105	1213216	67.21	ng	97
24) Nitrobenzene	7.516	77	953049	76.71	ng	99
25) Isophorone	7.763	82	1819940	77.57	ng	99
26) 2-Nitrophenol	7.827	139	504345	99.87	ng	93
27) 2,4-Dimethylphenol	7.863	122	864132	75.00	ng	96
28) bis(2-Chloroethoxy)met...	7.957	93	1091811	74.79	ng	99
29) 2,4-Dichlorophenol	8.063	162	755957	76.27	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	728174	72.84	ng	99
31) Naphthalene	8.233	128	2396082	69.19	ng	99
32) Benzoic acid	8.027	122	819099	133.05	ng	98
33) 4-Chloroaniline	8.280	127	1016687	70.61	ng	98
34) Hexachlorobutadiene	8.345	225	374084	69.46	ng	99
35) Caprolactam	8.692	113	222600	72.02	ng	94
36) 4-Chloro-3-methylphenol	8.763	107	828779	73.26	ng	95
37) 2-Methylnaphthalene	8.921	142	1548801	69.65	ng	99
39) 1,2,4,5-Tetrachloroben...	9.086	216	686337	71.54	ng	99
40) Hexachlorocyclopentadiene	9.074	237	353496	84.79	ng	98

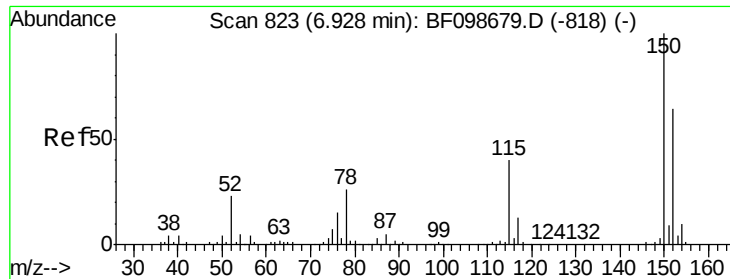
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.198	196	538629	83.31	ng	99
43) 2,4,5-Trichlorophenol	9.239	196	499480	75.34	ng	97
45) 1,1'-Biphenyl	9.392	154	1868828	67.06	ng	99
46) 2-Chloronaphthalene	9.416	162	1483013	70.96	ng	98
47) 2-Nitroaniline	9.510	65	490163	83.53	ng	100
48) Acenaphthylene	9.833	152	2229958	69.38	ng	99
49) Dimethylphthalate	9.698	163	1811634	74.47	ng	99
50) 2,6-Dinitrotoluene	9.757	165	417859	87.05	ng	89
51) Acenaphthene	10.004	154	1438374	72.09	ng	98
52) 3-Nitroaniline	9.927	138	472344	82.54	ng	94
53) 2,4-Dinitrophenol	10.027	184	223397	146.97	ng	90
54) Dibenzofuran	10.174	168	1861425	68.33	ng	97
55) 4-Nitrophenol	10.074	139	412403	82.82	ng	95
56) 2,4-Dinitrotoluene	10.157	165	540574	83.83	ng	98
57) Fluorene	10.521	166	1412622	64.51	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.286	232	347918	73.76	ng	98
59) Diethylphthalate	10.386	149	1690591	70.92	ng	98
60) 4-Chlorophenyl-phenyle...	10.504	204	641412	66.86	ng	99
61) 4-Nitroaniline	10.551	138	460750	83.95	ng	94
62) Azobenzene	10.668	77	1520777	68.21	ng	95
64) 4,6-Dinitro-2-methylph...	10.568	198	295679	122.73	ng	87
65) n-Nitrosodiphenylamine	10.627	169	1384161	72.25	ng	99
66) 4-Bromophenyl-phenylether	10.998	248	400818	71.32	ng	95
67) Hexachlorobenzene	11.062	284	431010	67.31	ng	96
68) Atrazine	11.151	200	418306	72.59	ng	98
69) Pentachlorophenol	11.251	266	289277	79.04	ng	99
70) Phenanthrene	11.480	178	2038551	67.52	ng	99
71) Anthracene	11.533	178	2092795	67.98	ng	99
72) Carbazole	11.686	167	2041508	67.87	ng	98
73) Di-n-butylphthalate	12.009	149	2451970	70.18	ng	100
74) Fluoranthene	12.668	202	2038100	67.74	ng	99
76) Benzidine	12.786	184	910171	62.28	ng	# 93
77) Pyrene	12.898	202	2114870	79.15	ng	99
79) Butylbenzylphthalate	13.504	149	1028110	93.01	ng	99
80) Benzo(a)anthracene	14.086	228	1622217	74.83	ng	99
81) 3,3'-Dichlorobenzidine	14.045	252	557849	72.11	ng	96
82) Chrysene	14.121	228	1513129	72.28	ng	100
83) Bis(2-ethylhexyl)phtha...	14.062	149	1297810	84.88	ng	99
84) Di-n-octyl phthalate	14.674	149	2108796	91.84	ng	98
85) Indeno(1,2,3-cd)pyrene	17.103	276	1348654	83.05	ng	97
87) Benzo(b)fluoranthene	15.145	252	1346664	79.23	ng	97
88) Benzo(k)fluoranthene	15.180	252	1342274	79.03	ng	99
89) Benzo(a)pyrene	15.521	252	1264892	81.95	ng	# 96
90) Dibenzo(a,h)anthracene	17.127	278	1082147	82.89	ng	98
91) Benzo(g,h,i)perylene	17.568	276	1114003	84.89	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.927 min Scan# 82

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

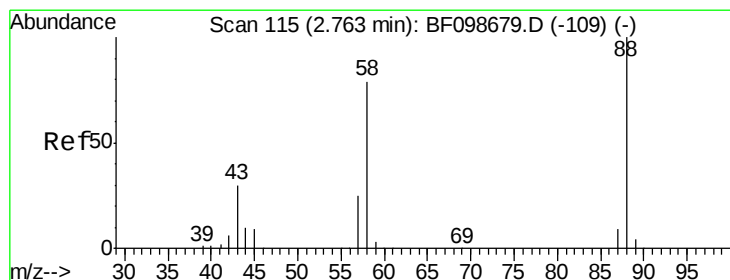
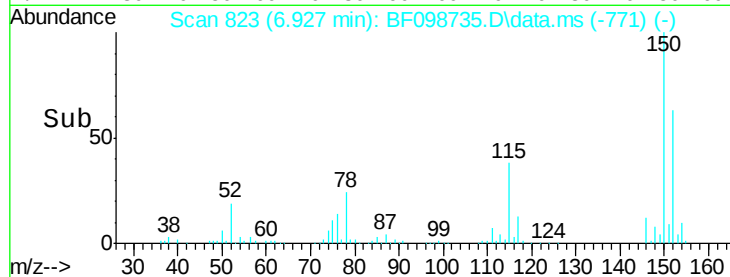
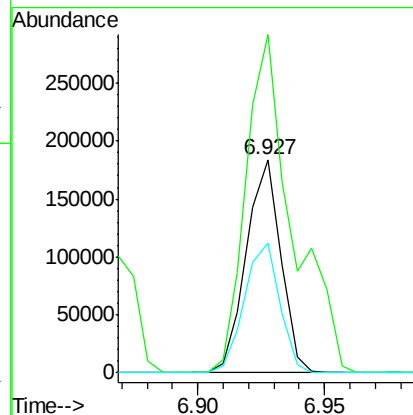
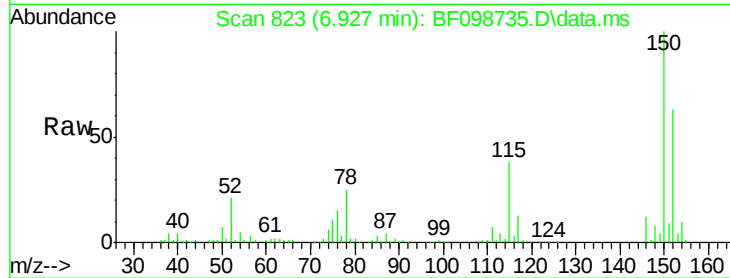
Tot Ion:152 Resp: 174112

Ion Ratio Lower Upper

152 100

150 158.5 124.6 186.8

115 60.6 50.1 75.1



#2

1,4-Dioxane

Concen: 74.03 ng

RT: 2.769 min Scan# 116

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

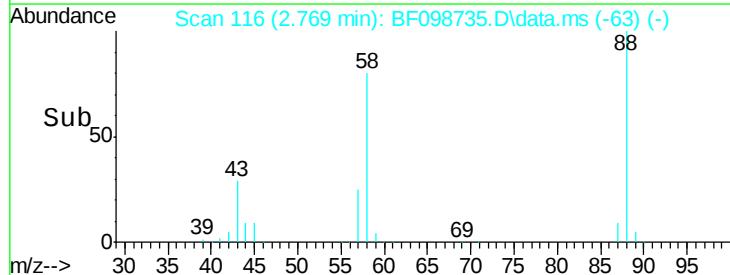
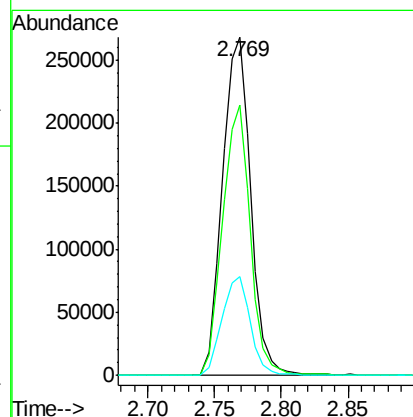
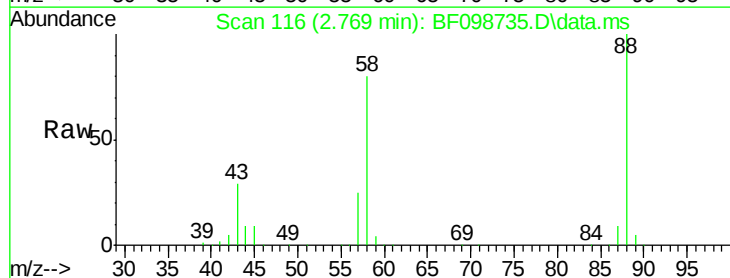
Tgt Ion: 88 Resp: 400923

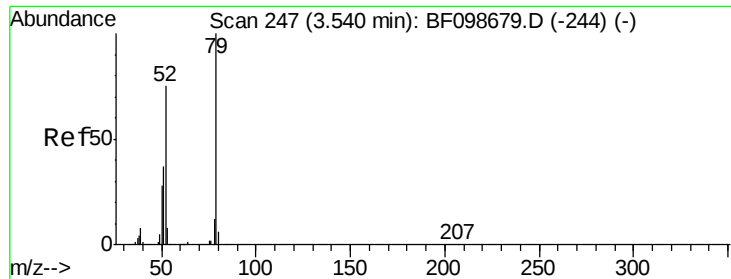
Ion Ratio Lower Upper

88 100

58 78.5 62.6 93.8

43 29.1 24.6 37.0





#3

Pvridine

Concen: 78.18 ng

RT: 3.545 min Scan# 24

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

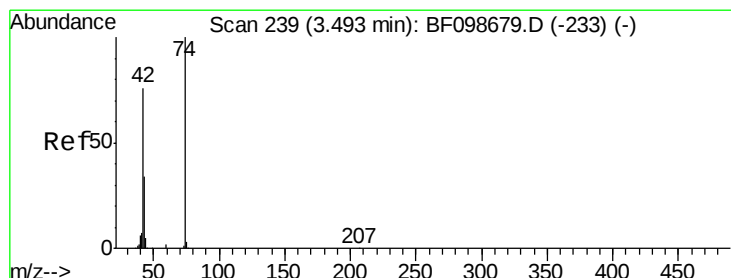
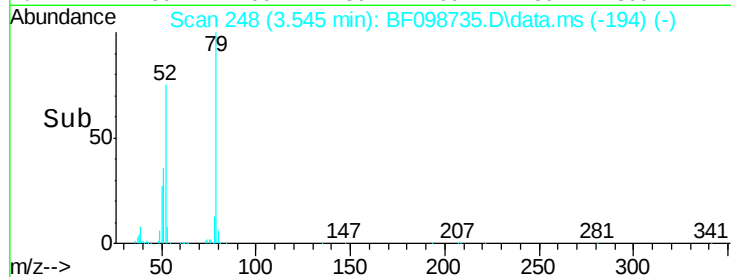
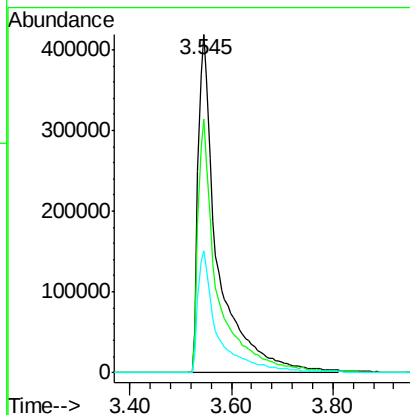
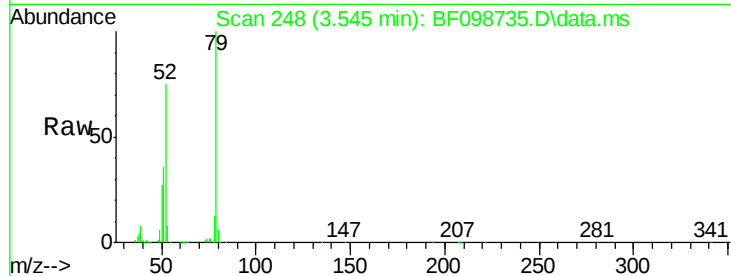
Tot Ion: 79 Resp: 1125218

Ion Ratio Lower Upper

79 100

52 75.0 59.8 89.6

51 36.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 75.45 ng

RT: 3.522 min Scan# 244

Delta R.T. 0.035 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

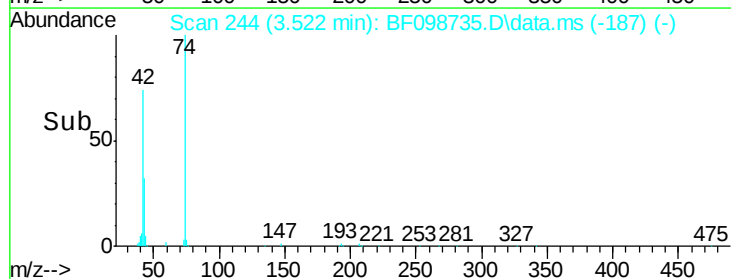
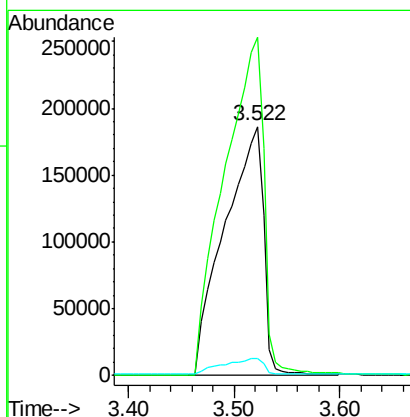
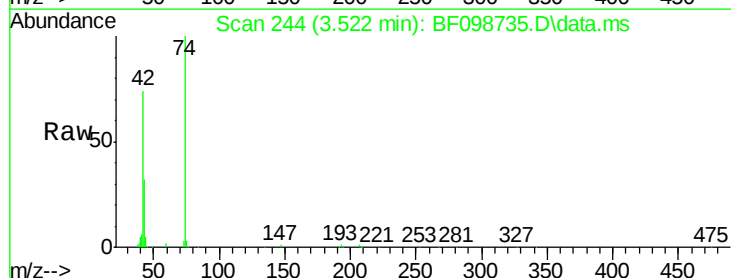
Tgt Ion: 42 Resp: 475884

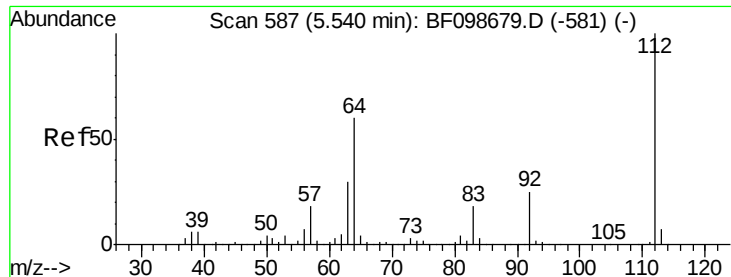
Ion Ratio Lower Upper

42 100

74 135.7 104.9 157.3

44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 140.45 ng

RT: 5.545 min Scan# 58

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

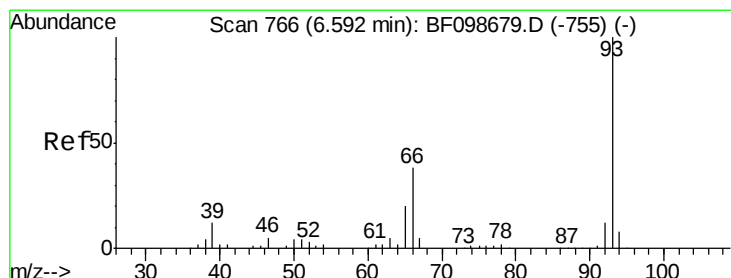
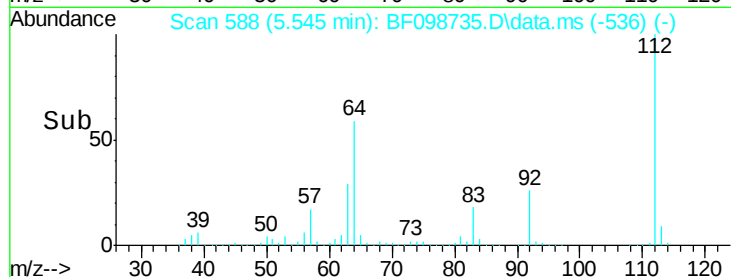
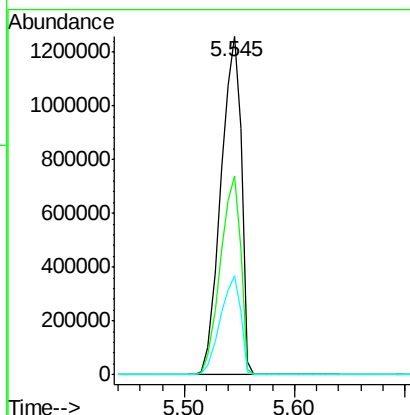
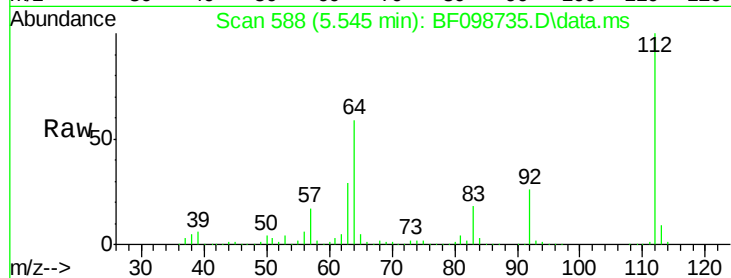
Tot Ion:112 Resp: 1610359

Ion Ratio Lower Upper

112 100

64 58.8 47.9 71.9

63 29.1 23.7 35.5



#6

Aniline

Concen: 75.47 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

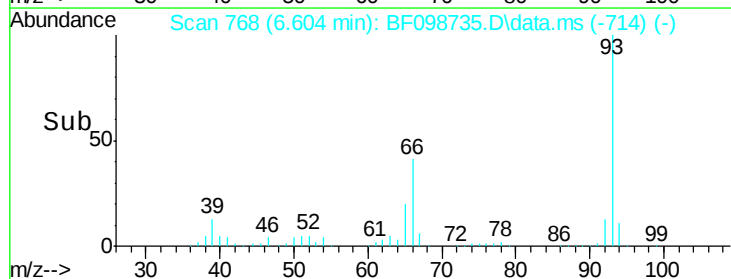
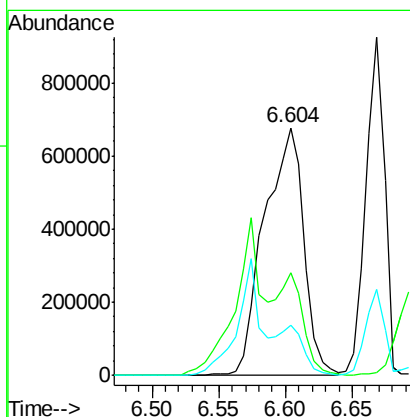
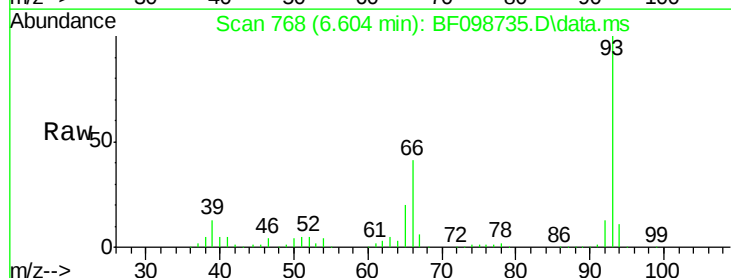
Tgt Ion: 93 Resp: 1388072

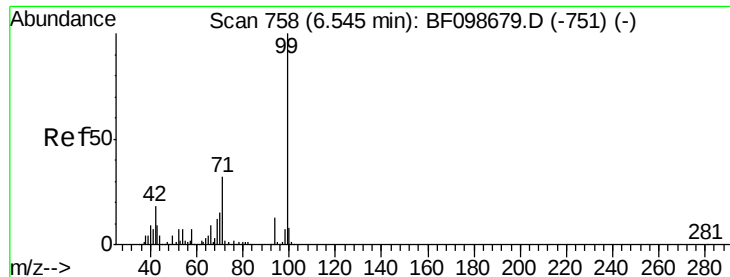
Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

65 20.4 16.4 24.6





#7

Phenol-d6

Concen: 142.24 ng

RT: 6.563 min Scan# 76

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

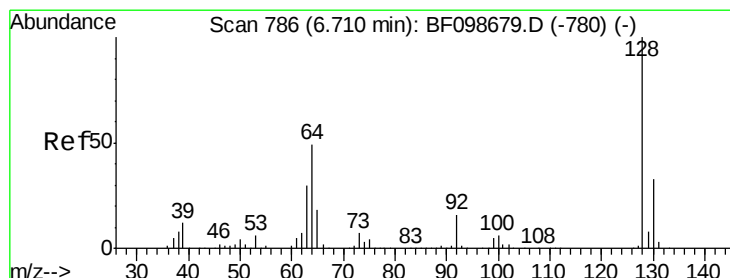
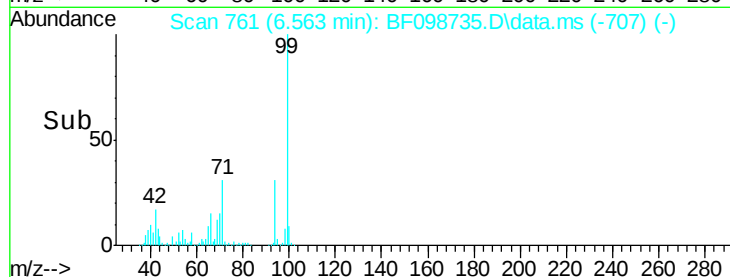
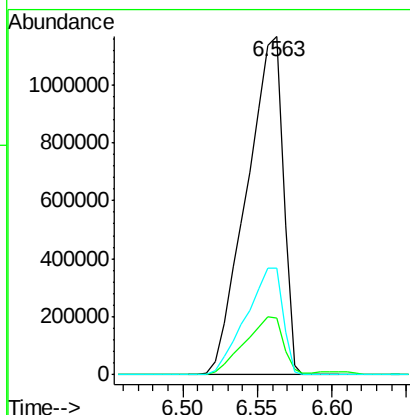
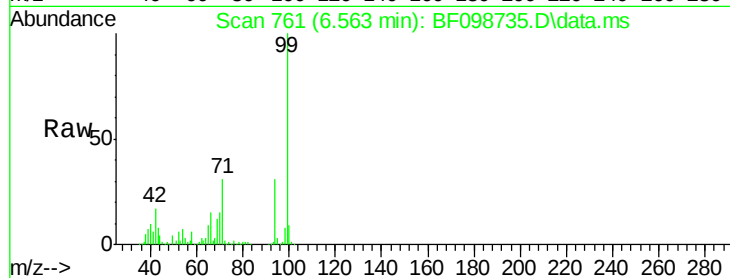
Tot Ion: 99 Resp: 1974948

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 31.4 25.4 38.0



#8

2-Chlorophenol

Concen: 70.92 ng

RT: 6.716 min Scan# 787

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

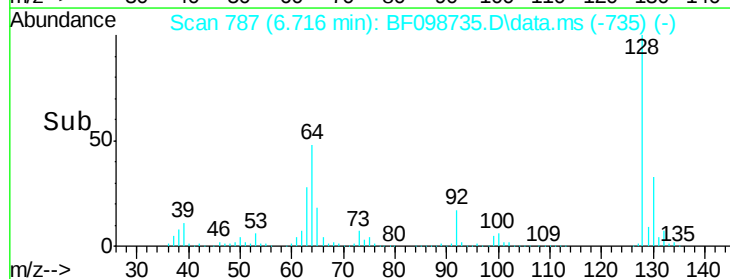
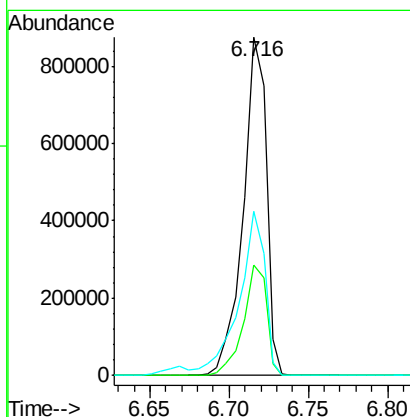
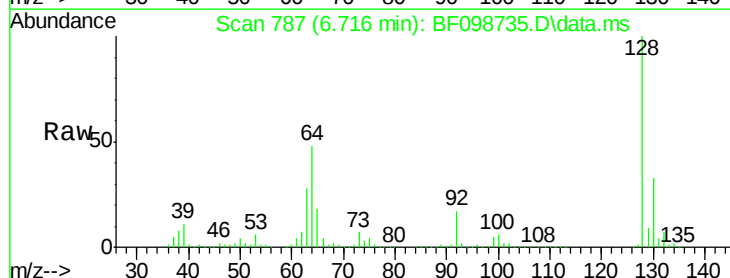
Tgt Ion: 128 Resp: 883313

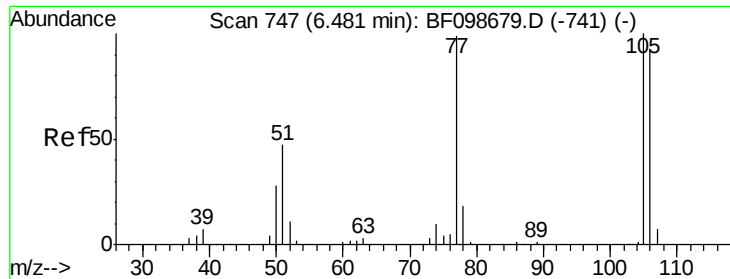
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 48.5 29.4 69.4





#9

Benzaldehyde

Concen: 59.89 ng

RT: 6.480 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

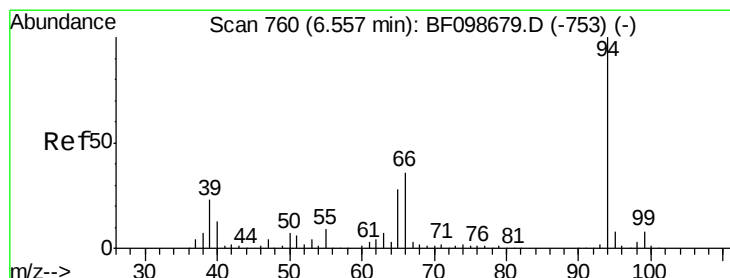
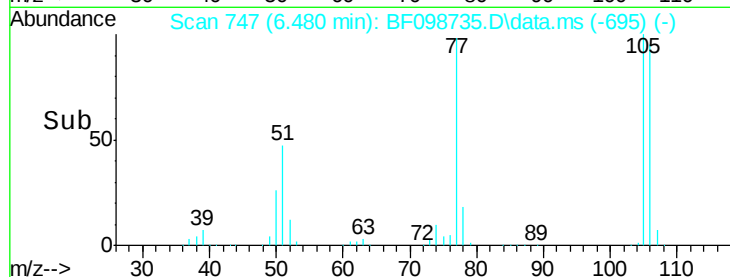
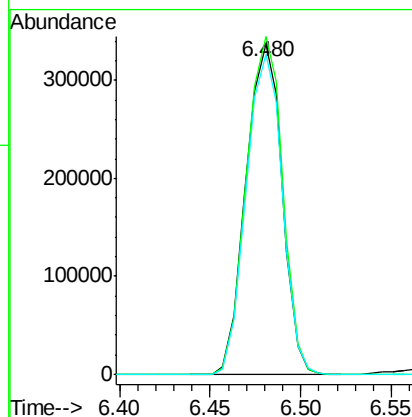
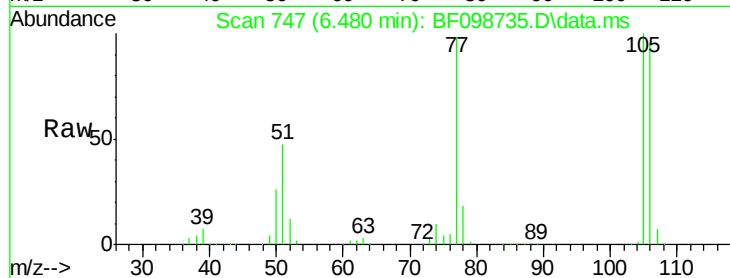
Tot Ion: 77 Resp: 466432

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

106 96.9 74.5 114.5



#10

Phenol

Concen: 71.26 ng

RT: 6.575 min Scan# 763

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

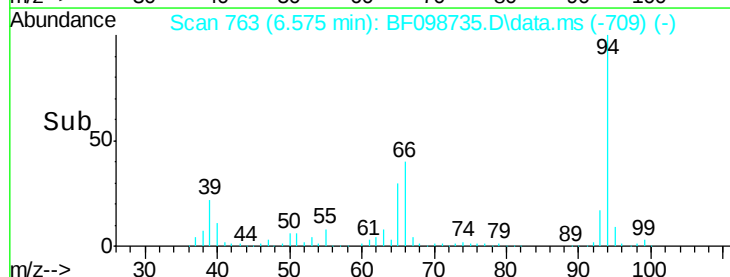
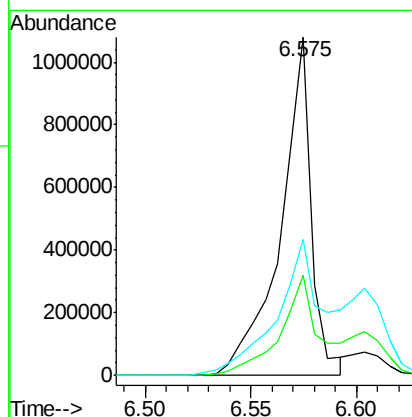
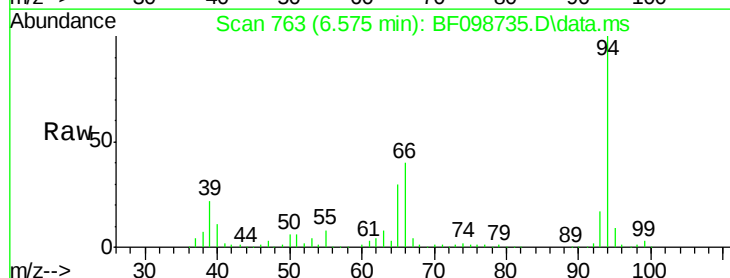
Tgt Ion: 94 Resp: 1092003

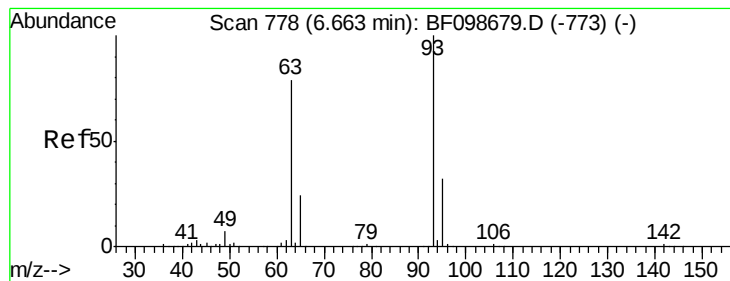
Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

66 40.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 74.37 ng

RT: 6.669 min Scan# 77

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

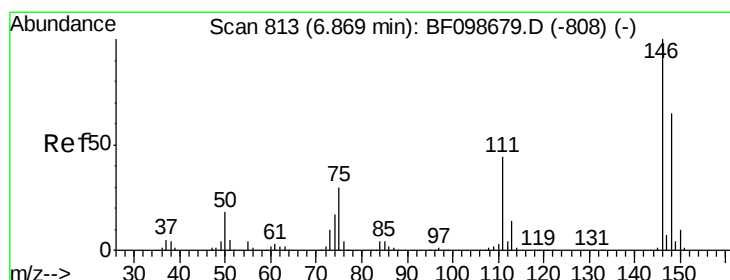
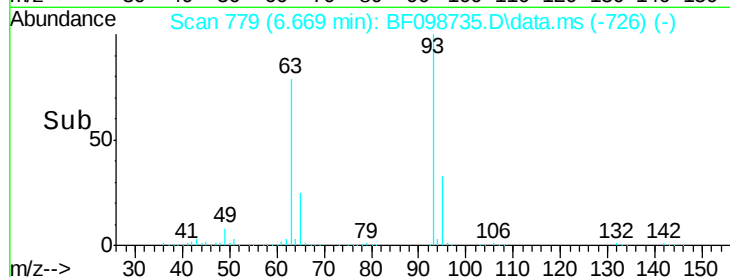
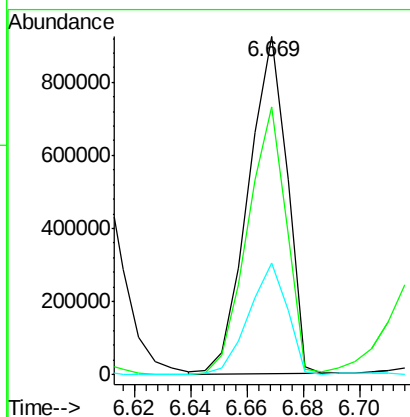
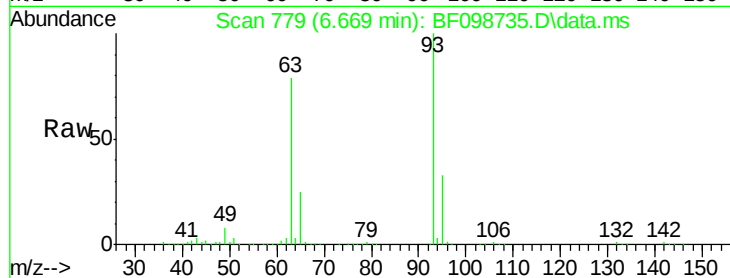
Tot Ion: 93 Resp: 877952

Ion Ratio Lower Upper

93 100

63 79.1 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 71.85 ng

RT: 6.869 min Scan# 813

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

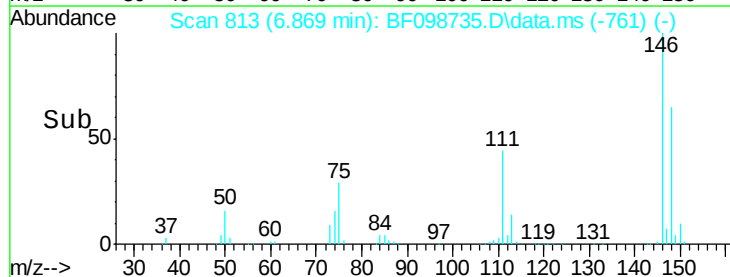
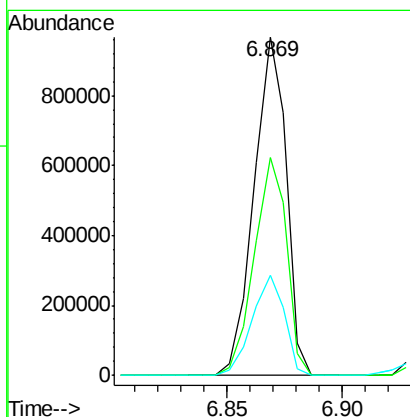
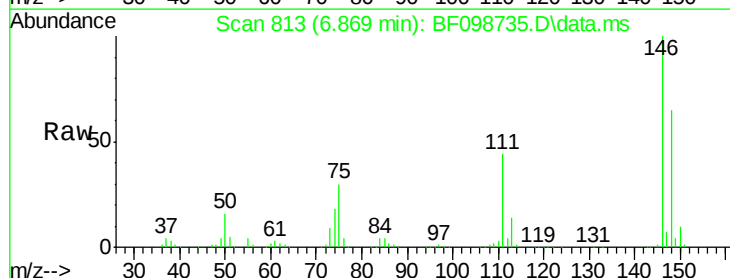
Tgt Ion: 146 Resp: 945226

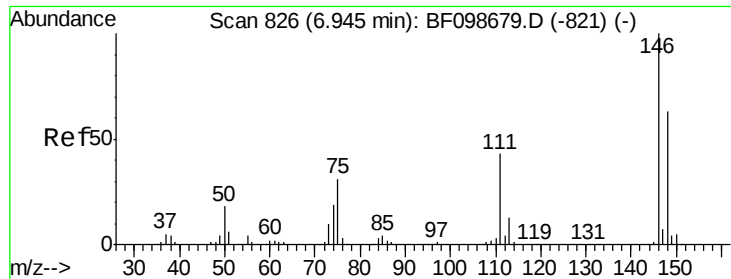
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

75 29.7 24.2 36.4

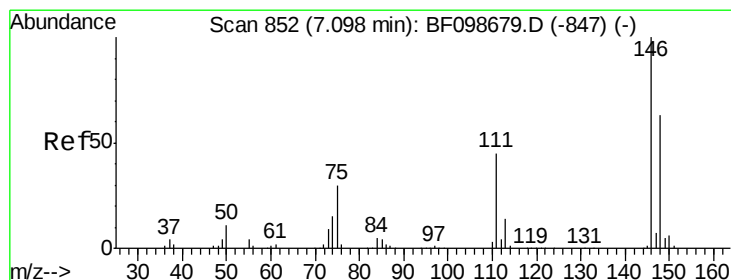
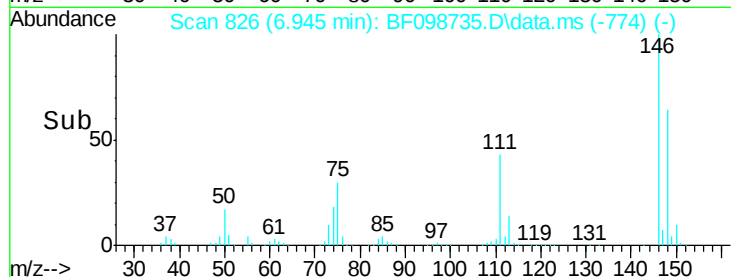
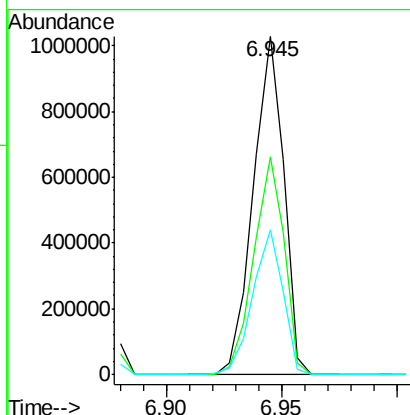
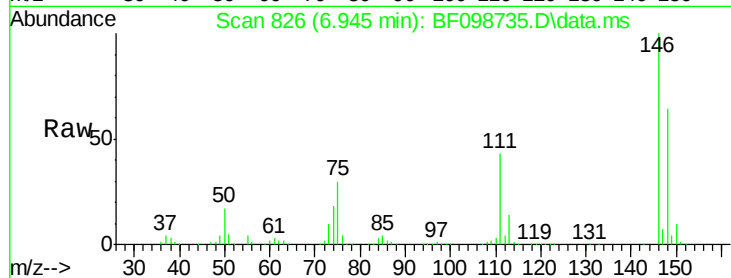




#13
 1,4-Dichlorobenzene
 Concen: 71.44 ng
 RT: 6.945 min Scan# 82
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

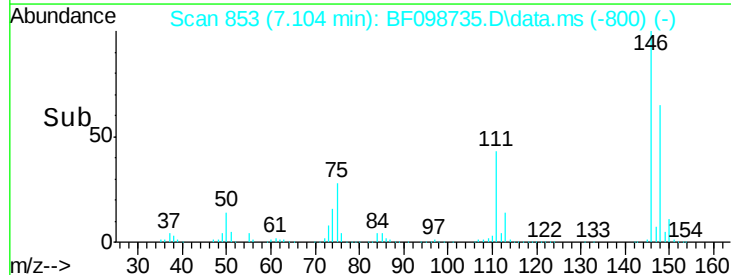
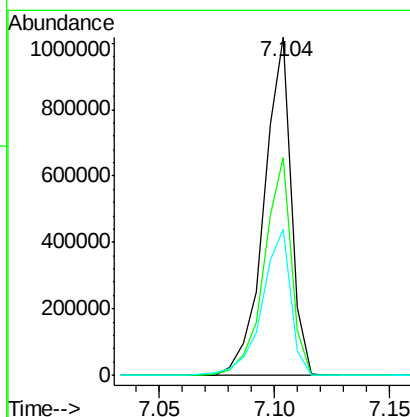
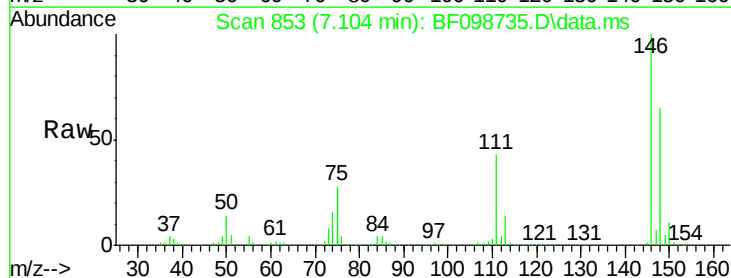
Instrument :
 BNA_F
 ClientSampled :

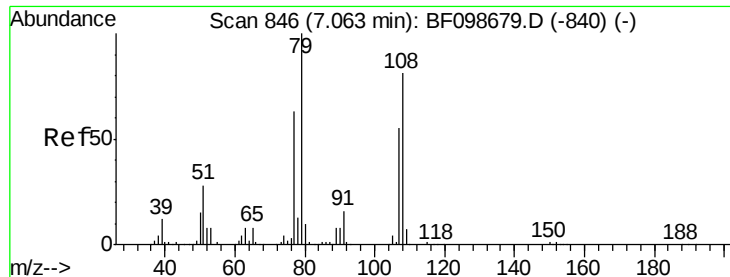
Tot Ion	146	Resp	951290
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	43.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 66.98 ng
 RT: 7.104 min Scan# 853
 Delta R.T. 0.011 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	146	Resp	831680
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	43.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 68.04 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

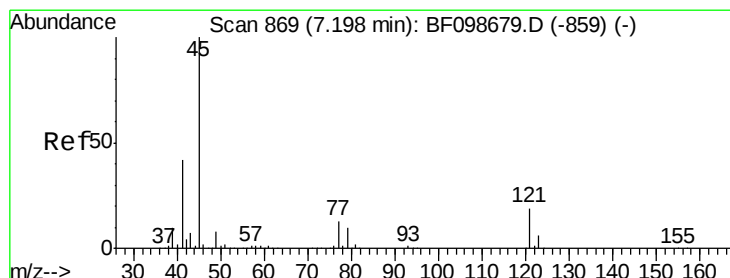
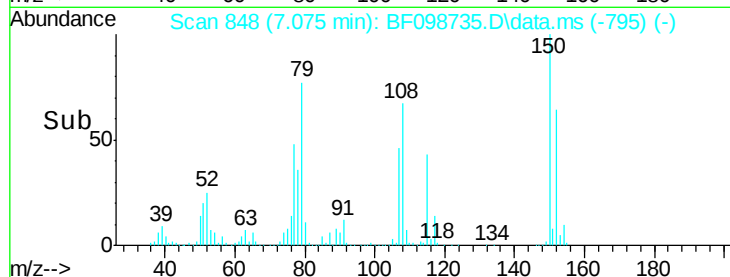
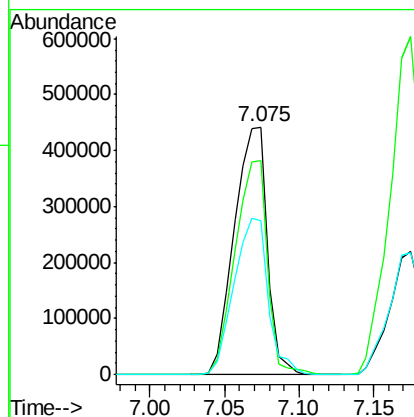
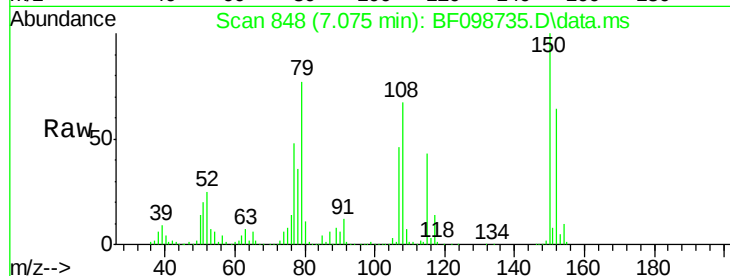
Tot Ion: 79 Resp: 681642

Ion Ratio Lower Upper

79 100

108 86.5 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 71.34 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

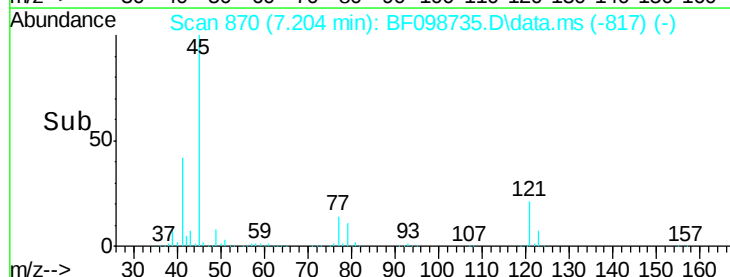
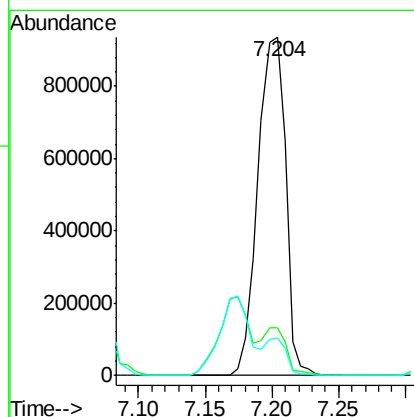
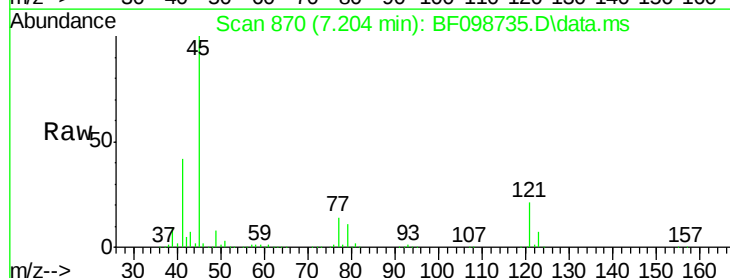
Tgt Ion: 45 Resp: 1342157

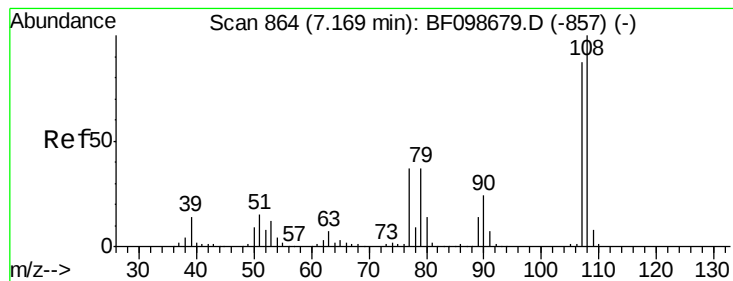
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

79 10.9 0.0 29.6





#17

2-Methylphenol

Concen: 75.01 ng

RT: 7.175 min Scan# 86

Delta R.T. 0.011 min

Lab File: BF098735.D

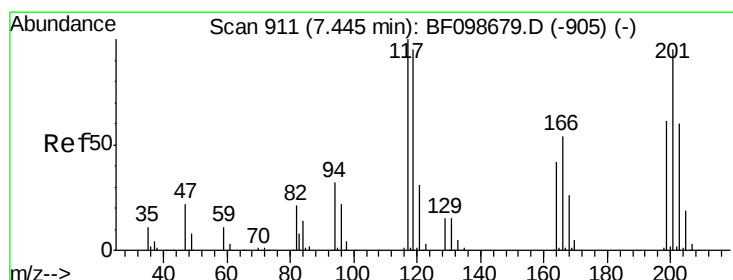
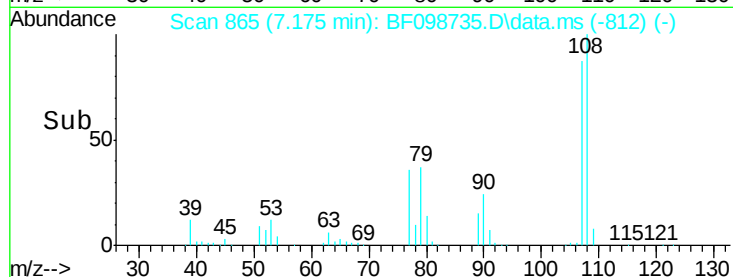
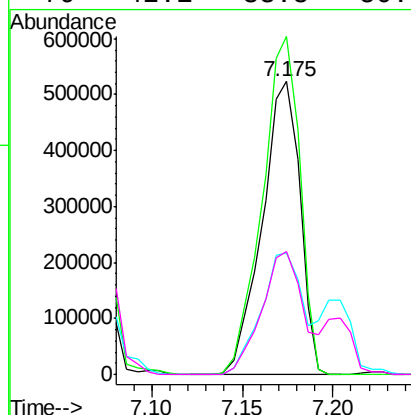
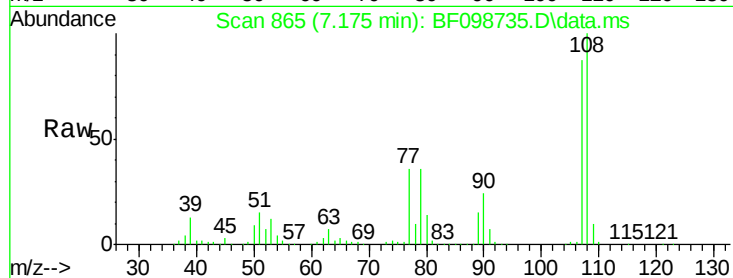
Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	761277
Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.7	137.5
77	41.6	33.8	50.8
79	42.1	33.8	50.8



#18

Hexachloroethane

Concen: 76.03 ng

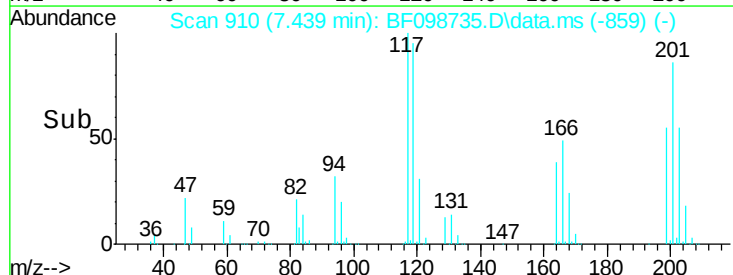
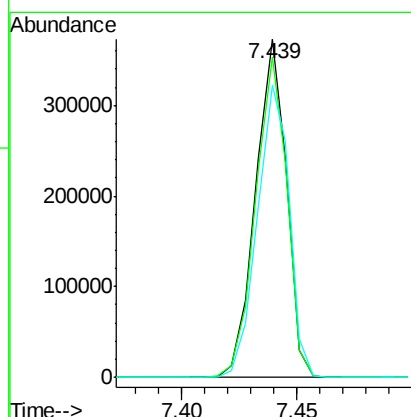
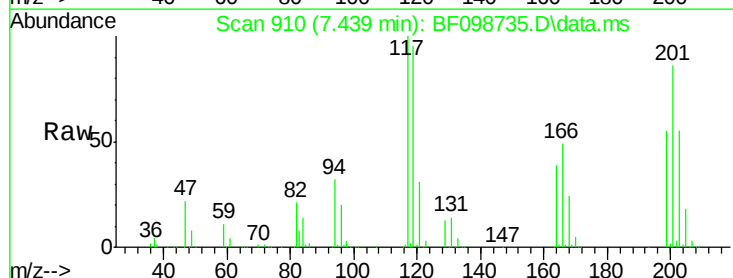
RT: 7.439 min Scan# 910

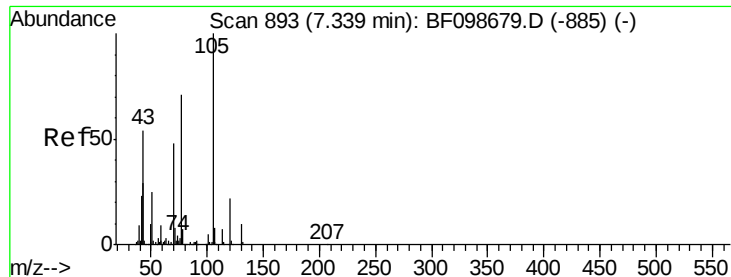
Delta R.T. -0.000 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion:	117	Resp:	348537
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	86.5	75.7	113.5

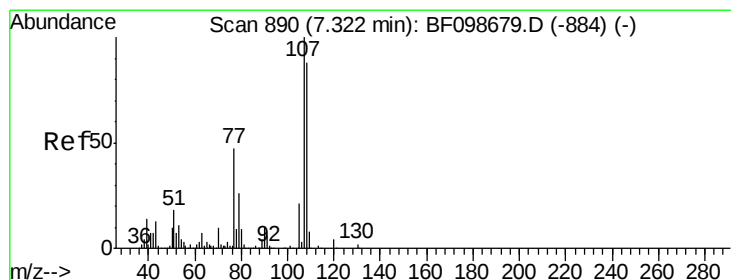
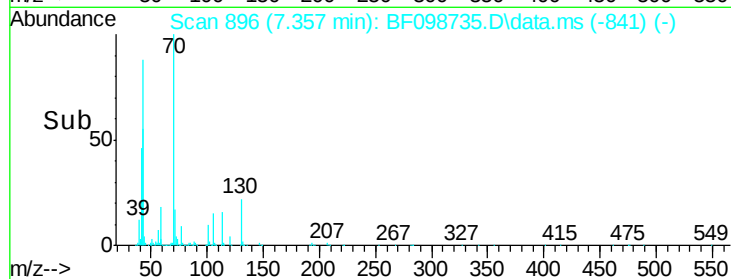
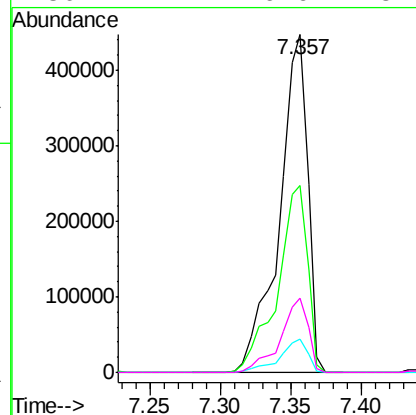
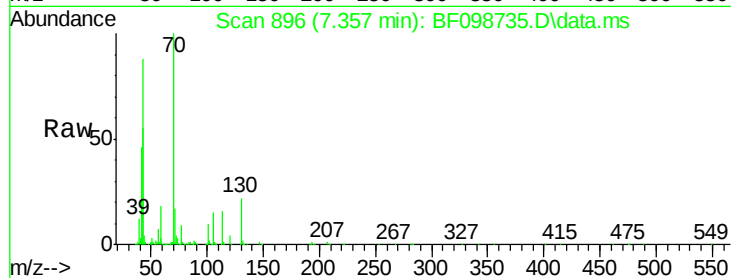




#19
n-Nitroso-di-n-propylamine
Concen: 72.93 ng
RT: 7.357 min Scan# 89
Delta R.T. 0.023 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

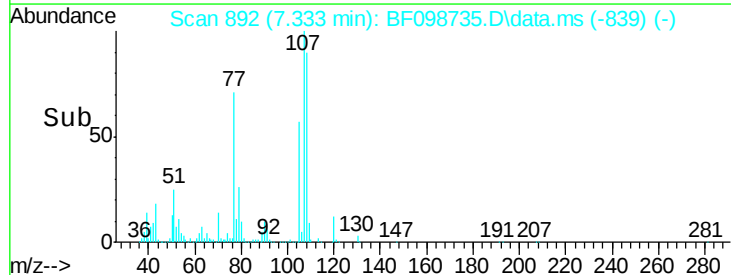
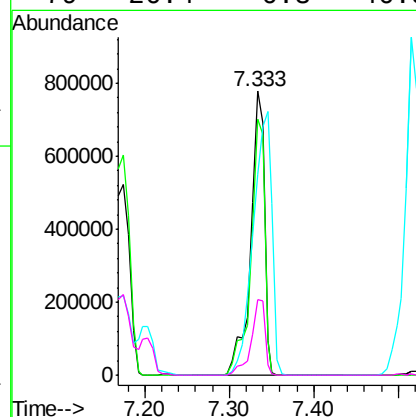
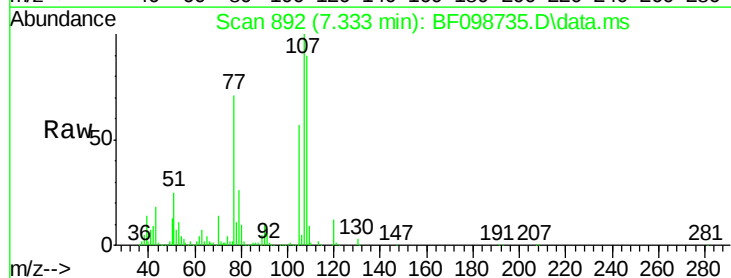
Instrument :
BNA_F
ClientSampleId :

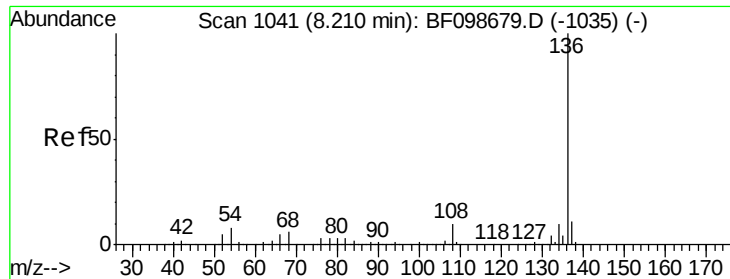
Tot Ion: 70 Resp: 627318
Ion Ratio Lower Upper
70 100
42 55.5 47.5 71.3
101 9.7 7.4 11.2
130 22.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 66.53 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.011 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion: 107 Resp: 870595
Ion Ratio Lower Upper
107 100
108 90.3 68.2 108.2
77 70.8 26.7 66.7#
79 26.4 6.3 46.3

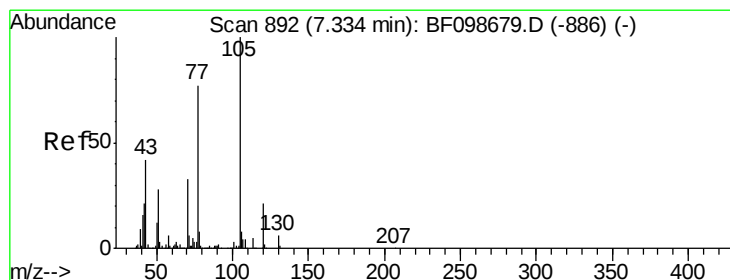
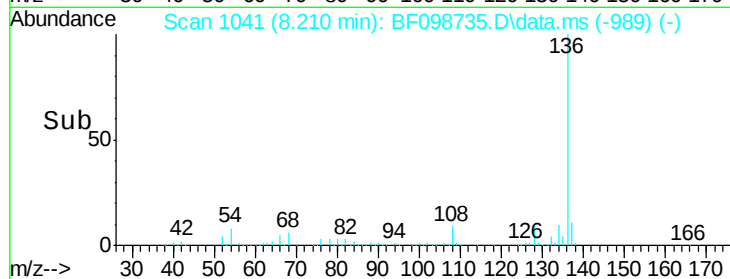
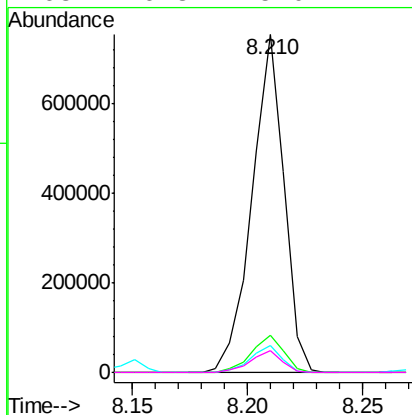
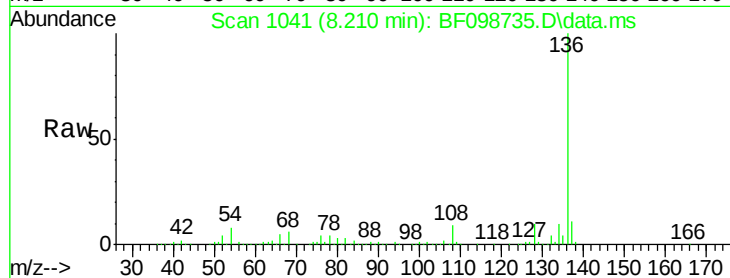




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

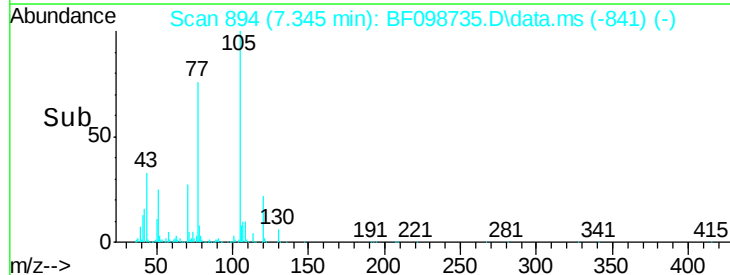
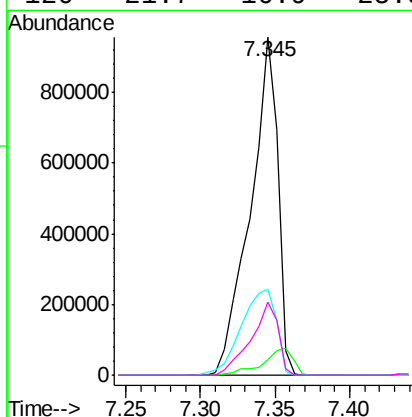
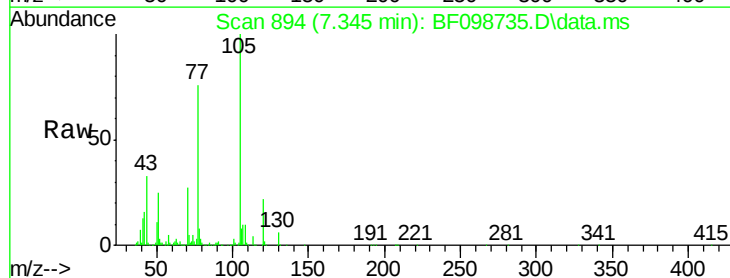
Instrument :
BNA_F
ClientSampleId :

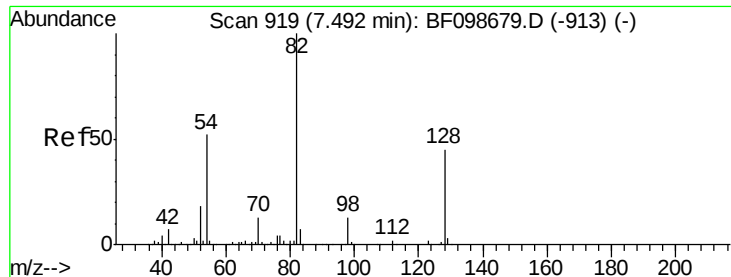
Tot Ion:	136	Resp:	729692
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.1	6.6	9.8
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 67.21 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.011 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:	105	Resp:	1213216
Ion Ratio	Lower	Upper	
105	100		
71	4.7	4.4	6.6
51	25.4	22.3	33.5
120	21.7	16.9	25.3

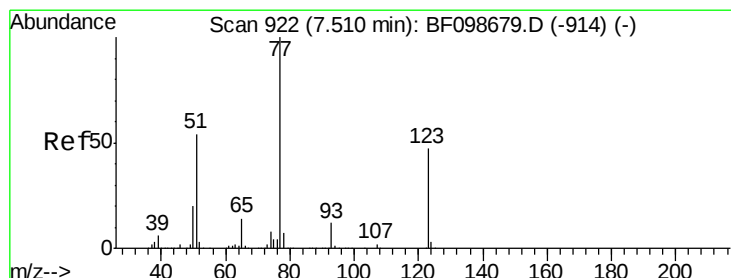
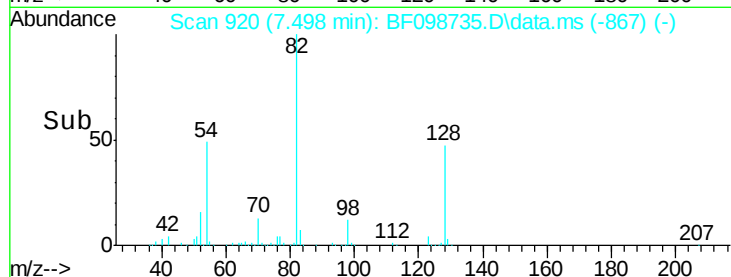
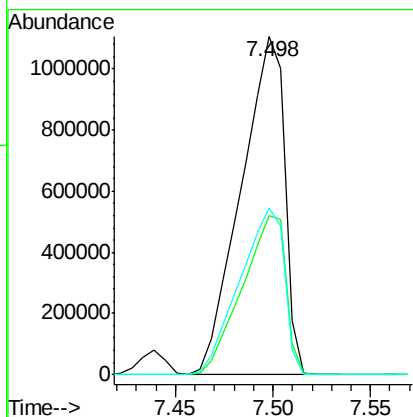
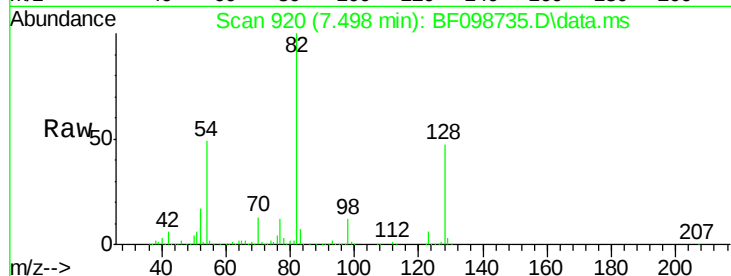




#23
 Nitrobenzene-d5
 Concen: 158.77 ng
 RT: 7.498 min Scan# 92
 Delta R.T. 0.011 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

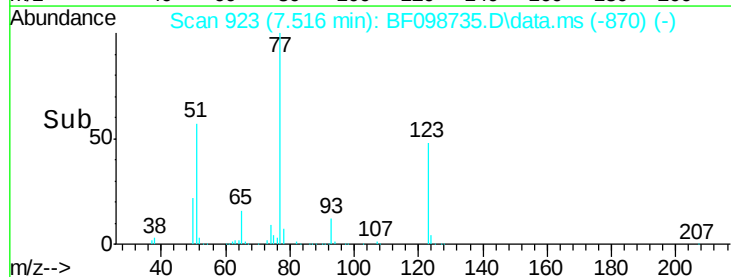
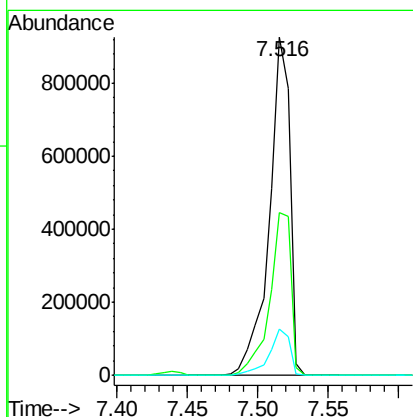
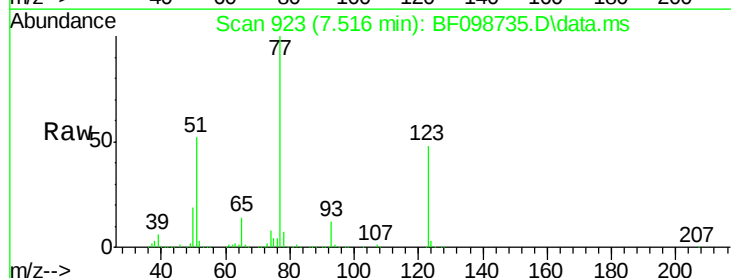
Instrument :
 BNA_F
 ClientSampleId :

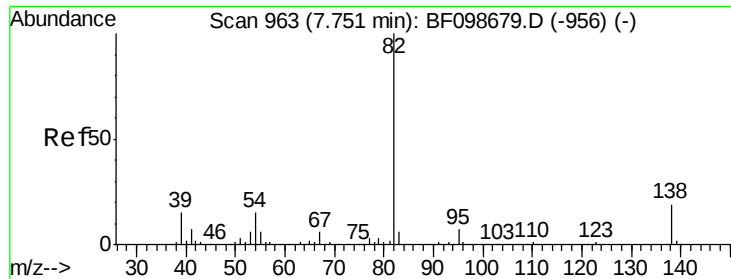
Tot Ion: 82 Resp: 1707958
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 49.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 76.71 ng
 RT: 7.516 min Scan# 923
 Delta R.T. 0.011 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion: 77 Resp: 953049
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 77.57 ng

RT: 7.763 min Scan# 96

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

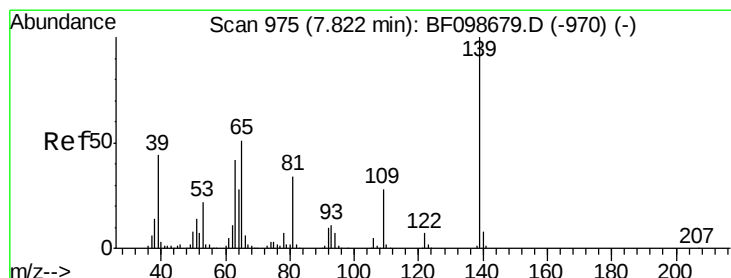
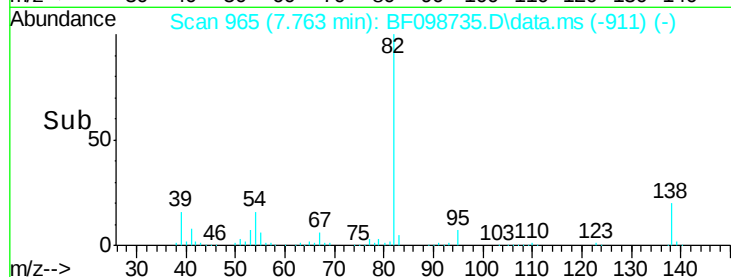
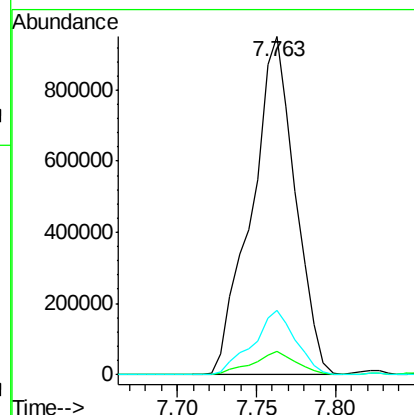
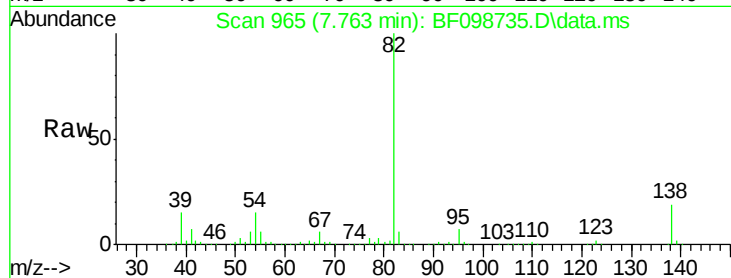
Tot Ion: 82 Resp: 1819940

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 99.87 ng

RT: 7.827 min Scan# 976

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

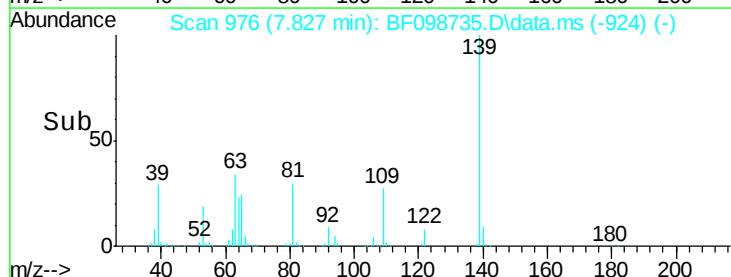
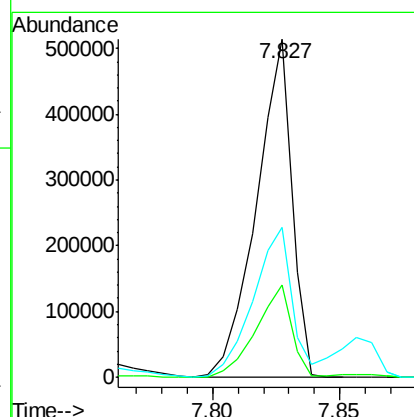
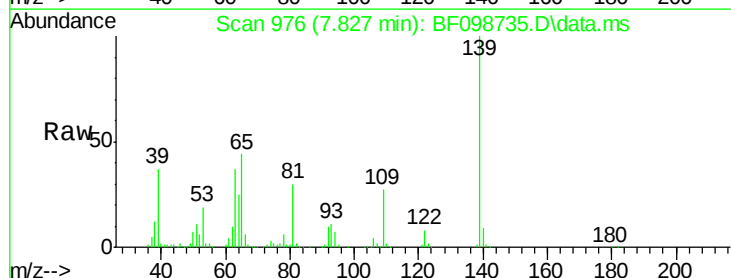
Tgt Ion: 139 Resp: 504345

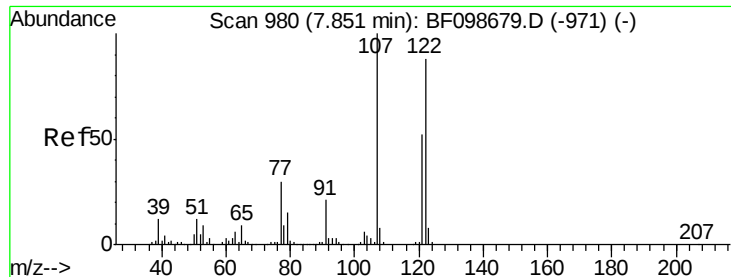
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 44.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 75.00 ng

RT: 7.863 min Scan# 98

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

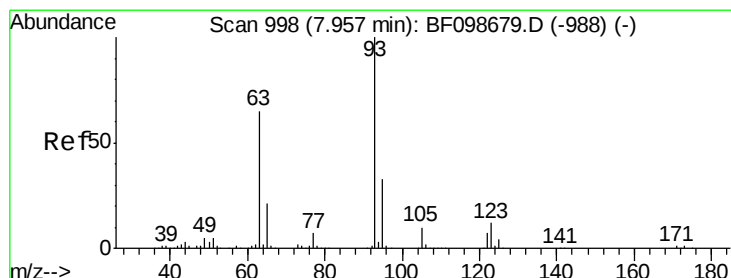
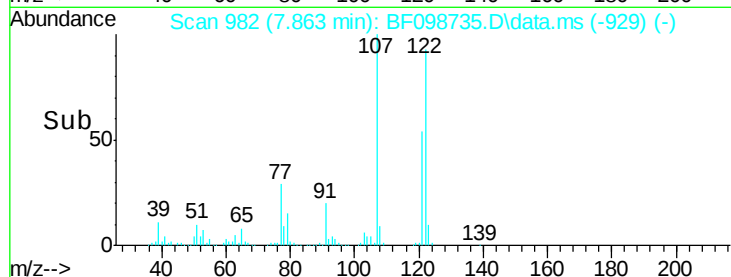
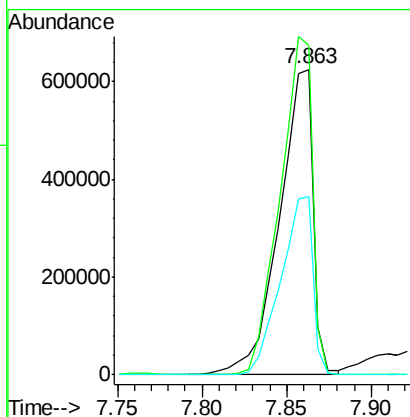
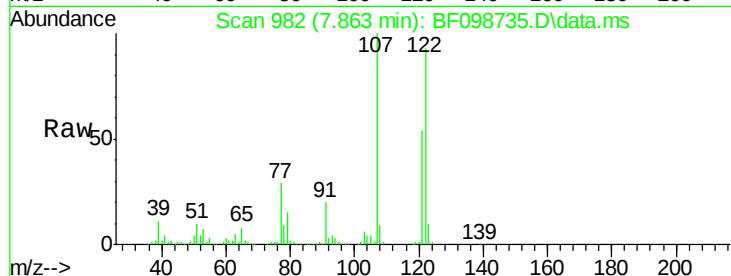
Tot Ion:122 Resp: 864132

Ion Ratio Lower Upper

122 100

107 107.8 91.2 136.8

121 58.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 74.79 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

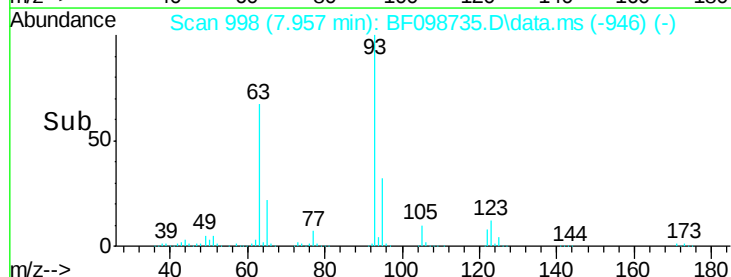
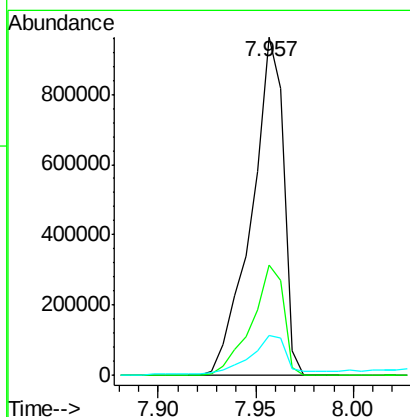
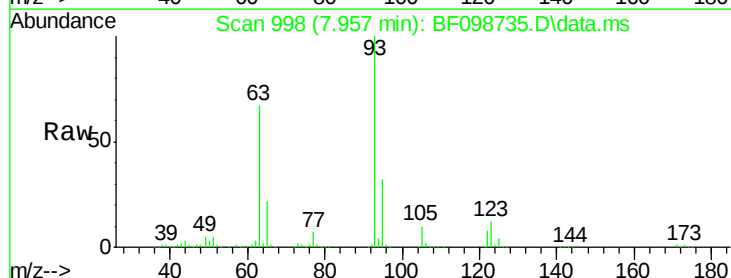
Tgt Ion: 93 Resp: 1091811

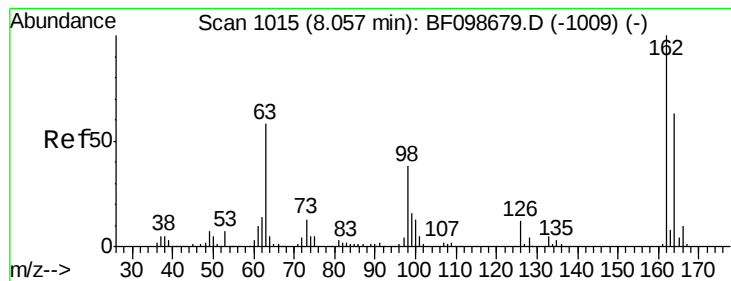
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 11.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 76.27 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

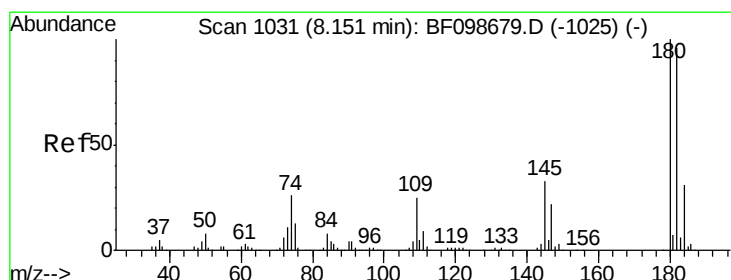
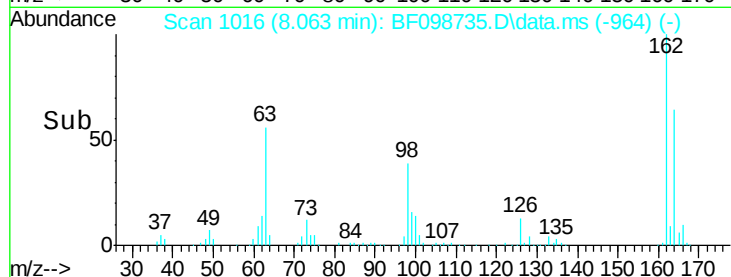
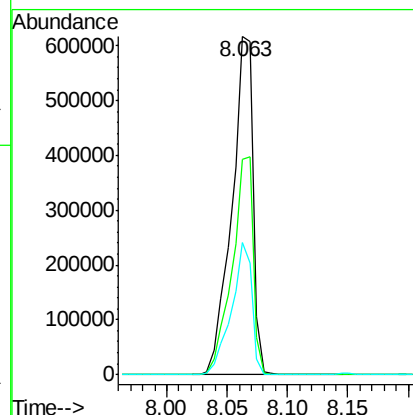
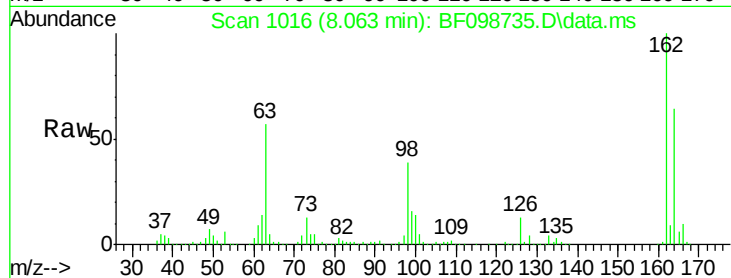
Tot Ion:162 Resp: 755957

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

98 38.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 72.84 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

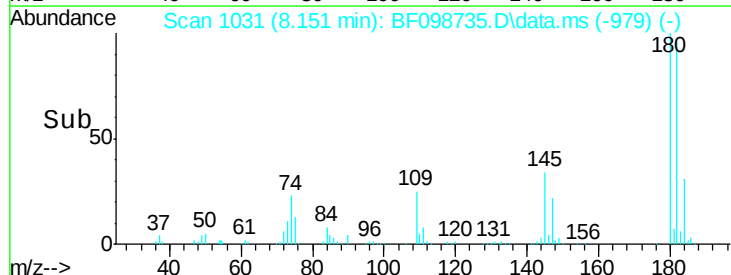
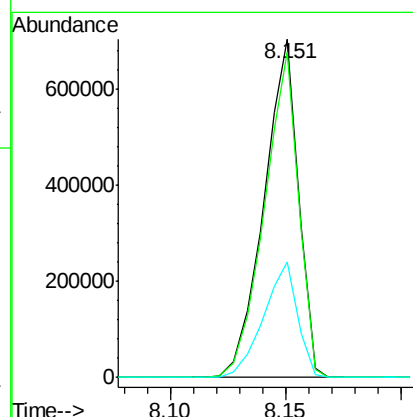
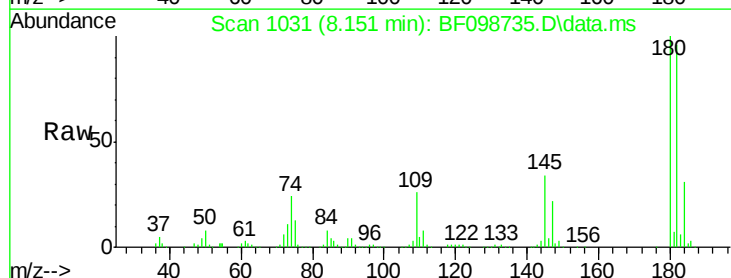
Tgt Ion:180 Resp: 728174

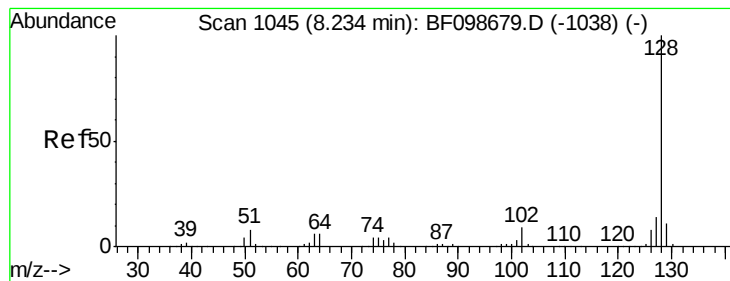
Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

145 34.0 26.5 39.7





#31

Naphthalene

Concen: 69.19 ng

RT: 8.233 min Scan# 1045

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

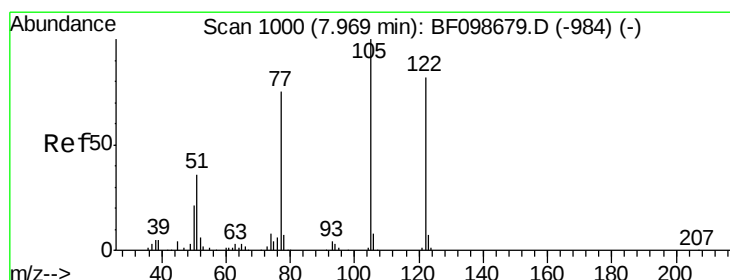
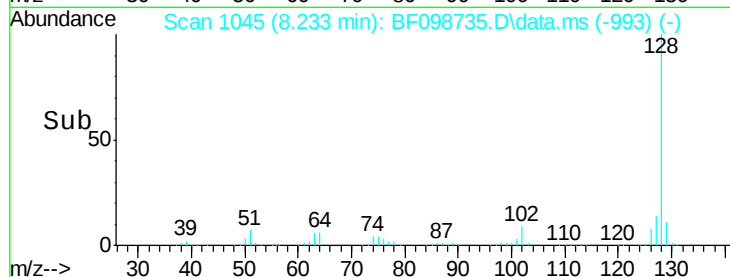
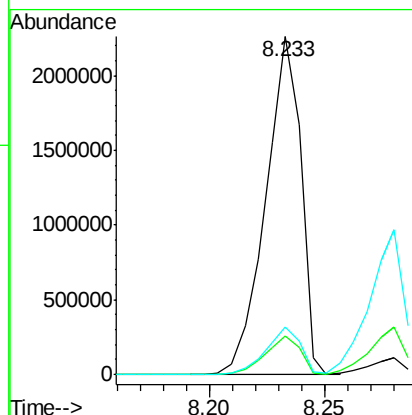
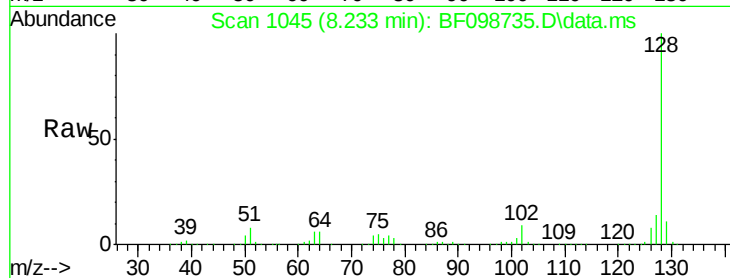
Tot Ion:128 Resp: 2396082

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 14.1 10.9 16.3



#32

Benzoic acid

Concen: 133.05 ng

RT: 8.027 min Scan# 1010

Delta R.T. 0.053 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

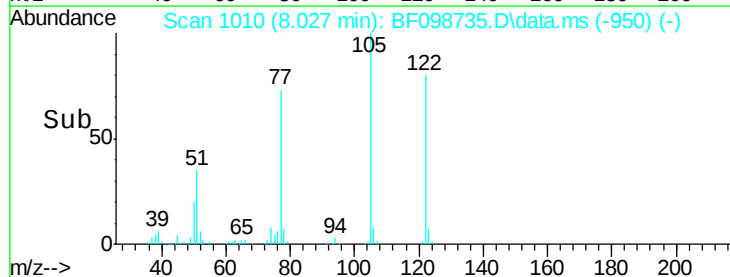
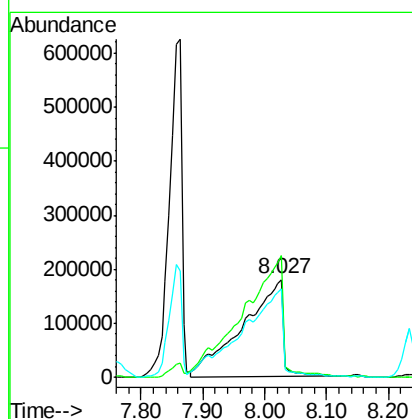
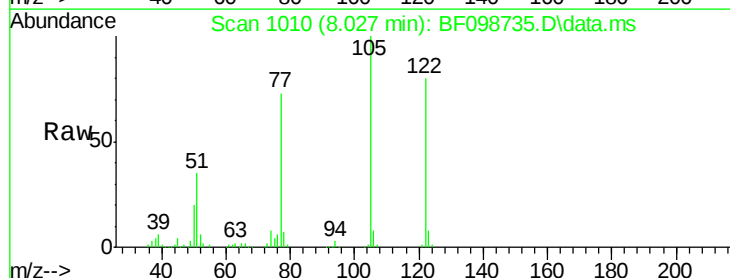
Tgt Ion:122 Resp: 819099

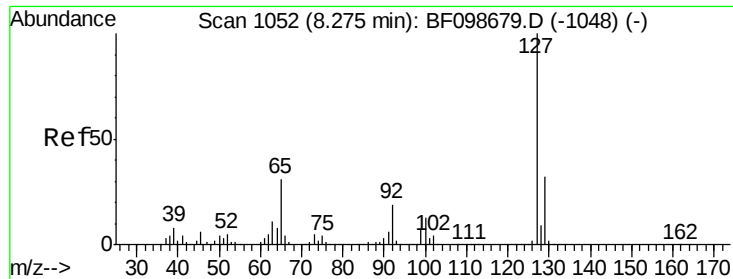
Ion Ratio Lower Upper

122 100

105 124.7 101.1 141.1

77 91.4 70.7 110.7

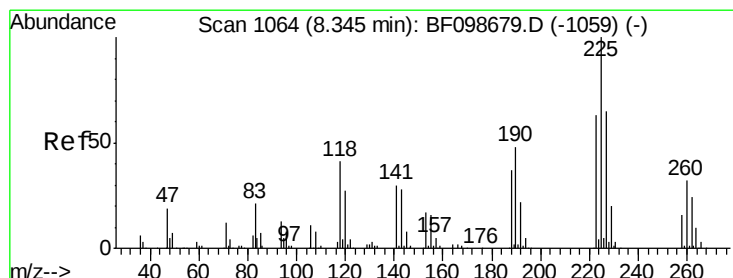
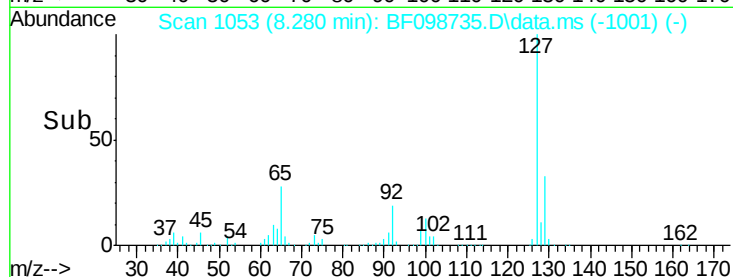
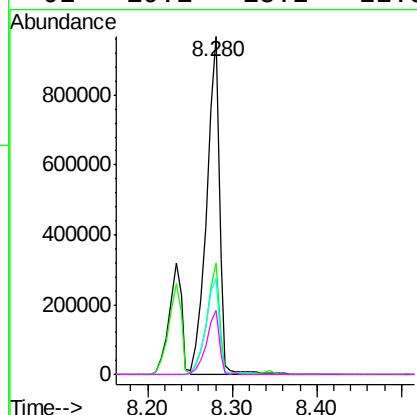
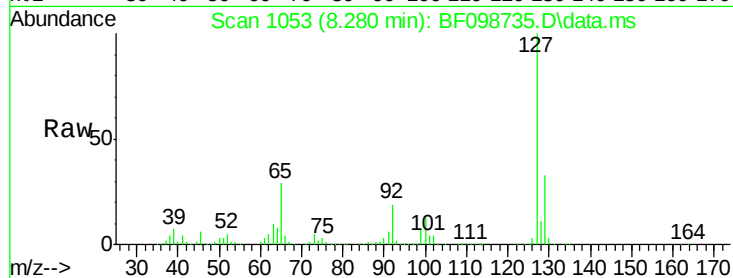




#33
4-Chloroaniline
Concen: 70.61 ng
RT: 8.280 min Scan# 1053
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

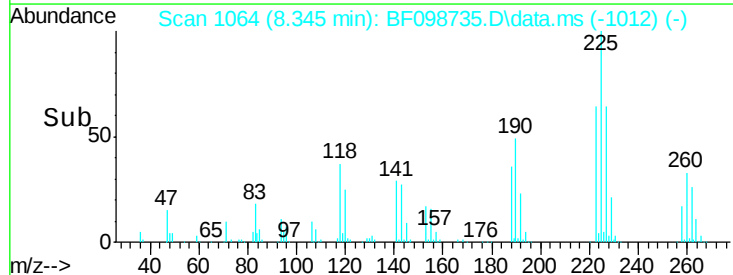
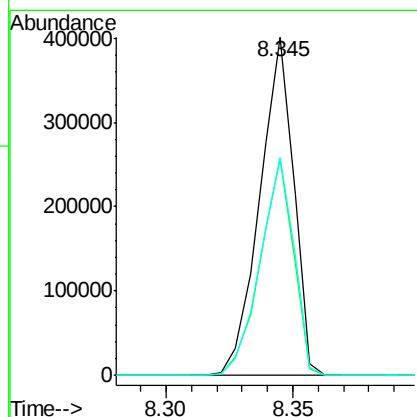
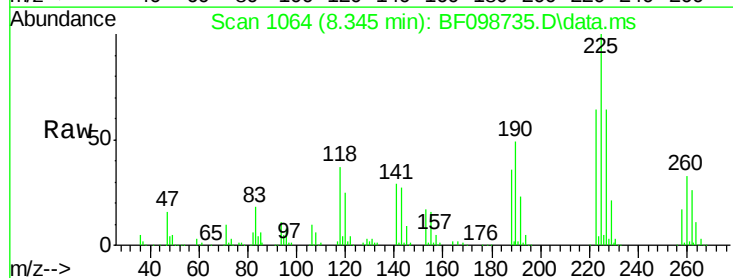
Instrument :
BNA_F
ClientSampleId :

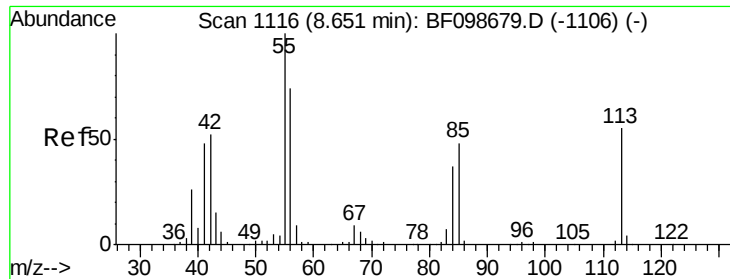
Tot Ion:	127	Resp:	1016687
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.6	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 69.46 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:	225	Resp:	374084
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.3	51.9	77.9

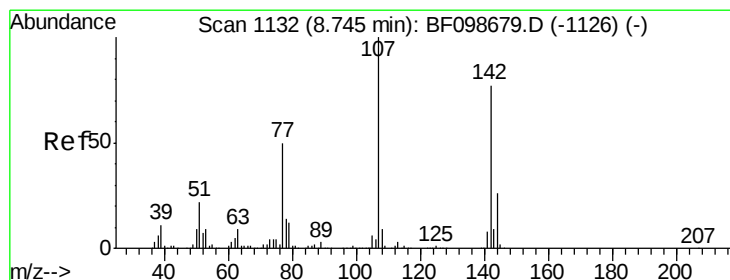
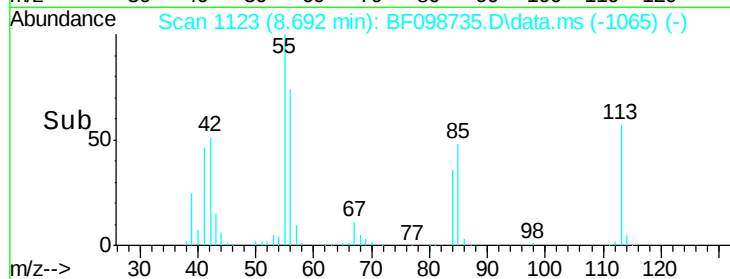
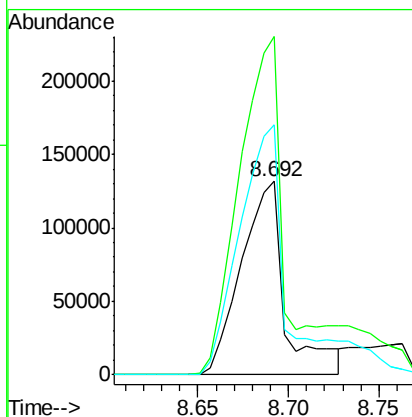
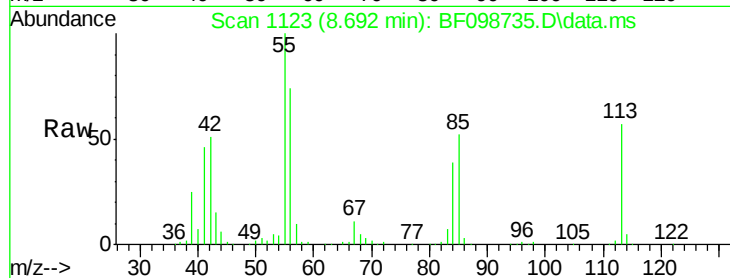




#35
Caprolactam
Concen: 72.02 ng
RT: 8.692 min Scan# 1116
Delta R.T. 0.041 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

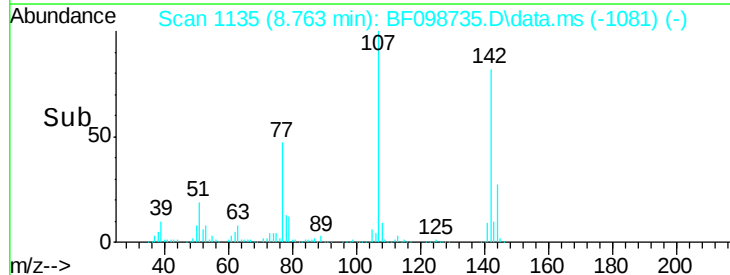
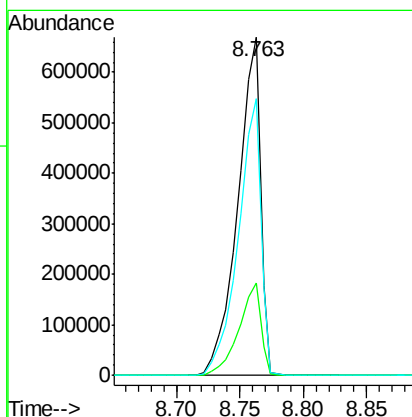
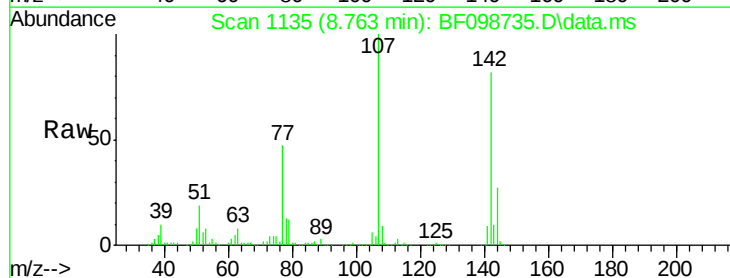
Instrument :
BNA_F
ClientSampleId :

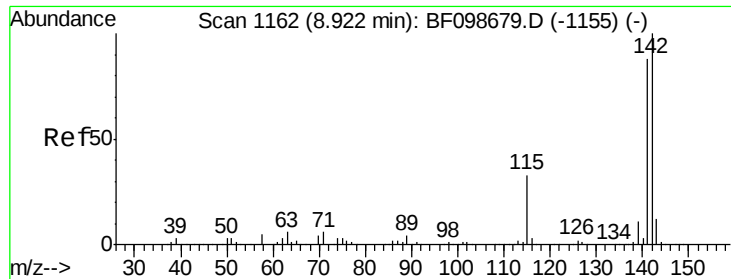
Tot Ion:113 Resp: 222600
Ion Ratio Lower Upper
113 100
55 175.1 163.3 203.3
56 129.5 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 73.26 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.017 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:107 Resp: 828779
Ion Ratio Lower Upper
107 100
144 27.2 20.5 30.7
142 81.9 62.0 93.0

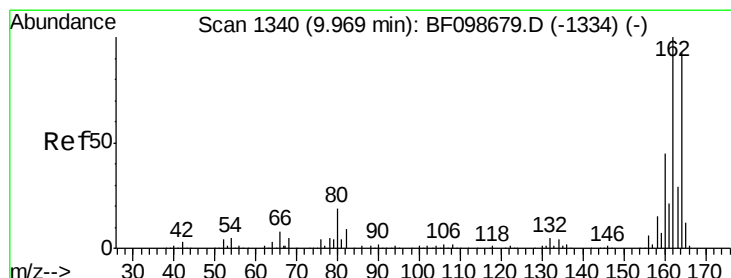
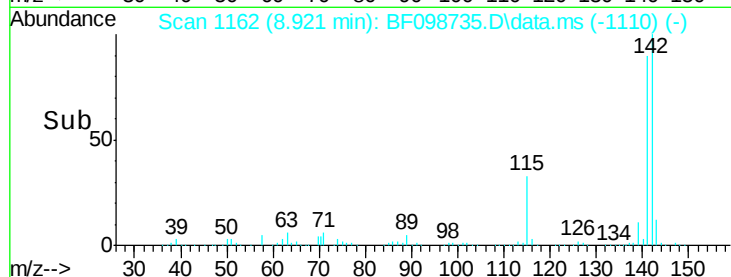
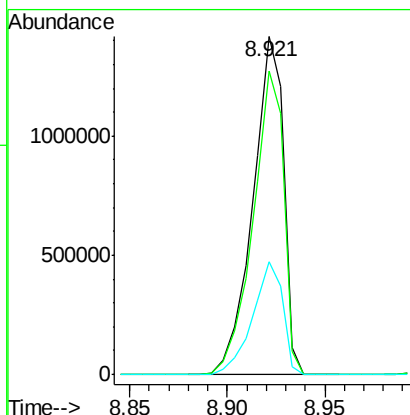
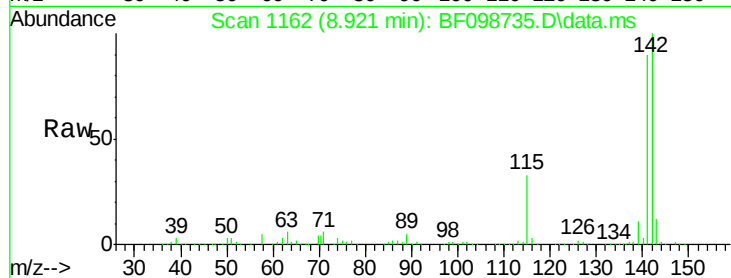




#37
 2-Methylnaphthalene
 Concen: 69.65 ng
 RT: 8.921 min Scan# 1162
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

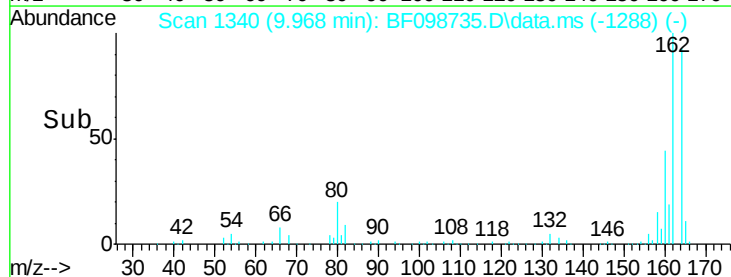
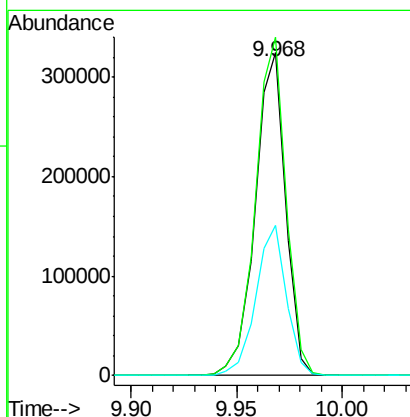
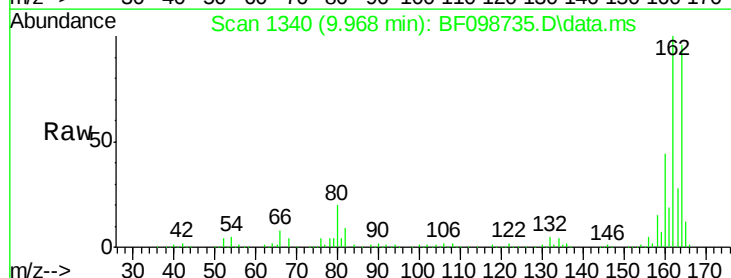
Instrument :
 BNA_F
 ClientSampled :

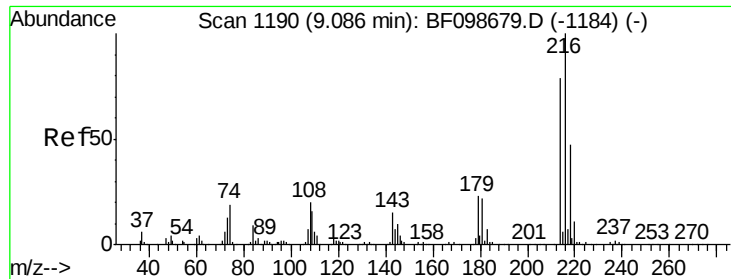
Tot Ion:142 Resp: 1548801
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 33.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.968 min Scan# 1340
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion:164 Resp: 324393
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 46.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 71.54 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF098735.D

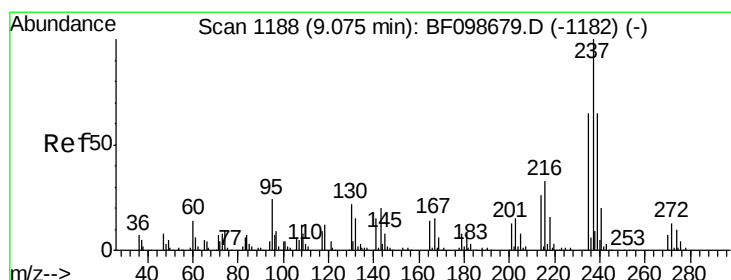
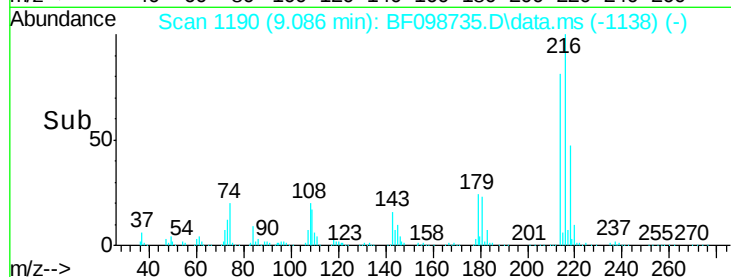
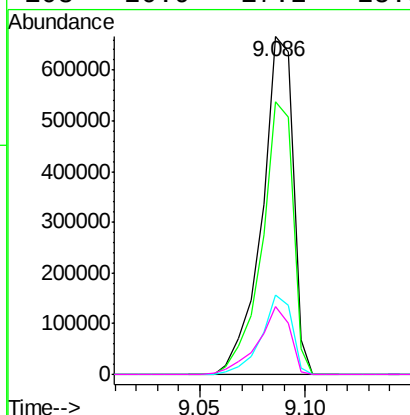
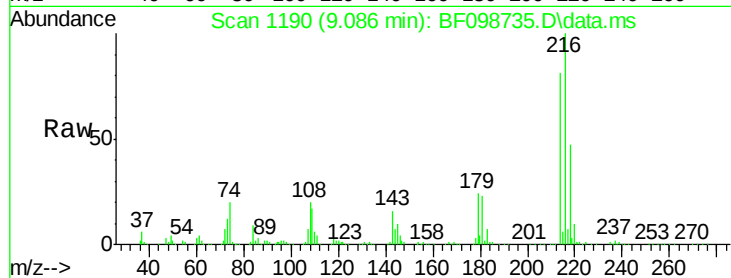
Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	686337
Ion Ratio		Lower	Upper
216	100		
214	80.1	63.0	94.4
179	22.9	18.1	27.1
108	20.9	17.2	25.8



#40

Hexachlorocyclopentadiene

Concen: 84.79 ng

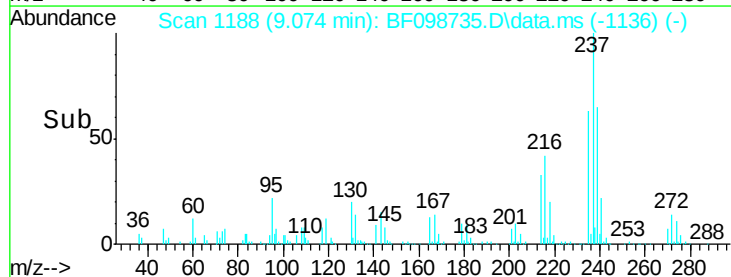
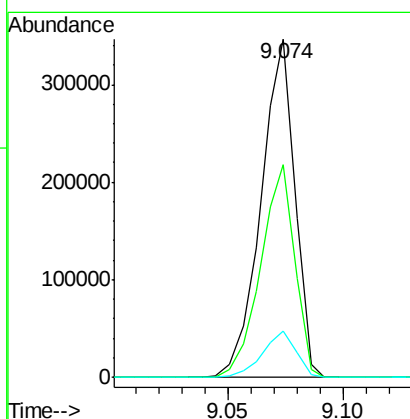
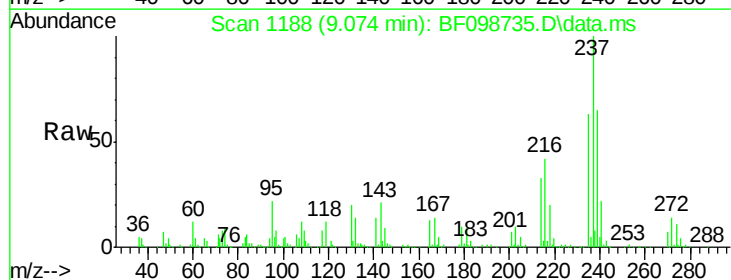
RT: 9.074 min Scan# 1188

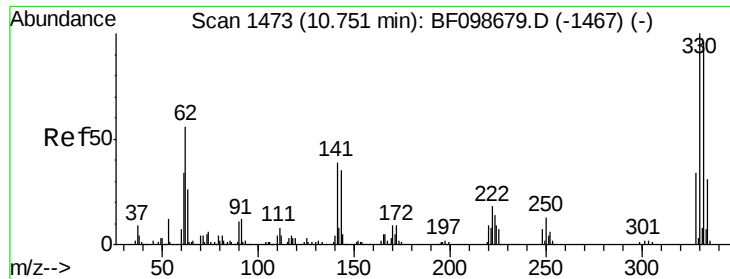
Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion:	237	Resp:	353496
Ion Ratio		Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.5	0.0	33.3

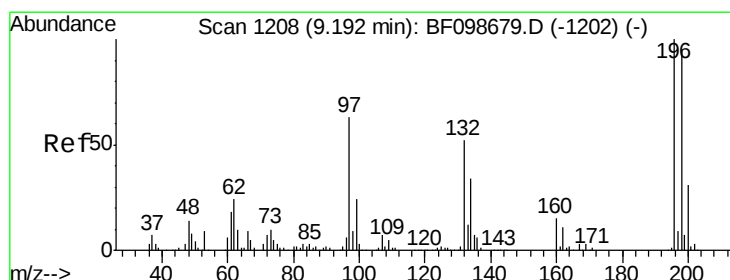
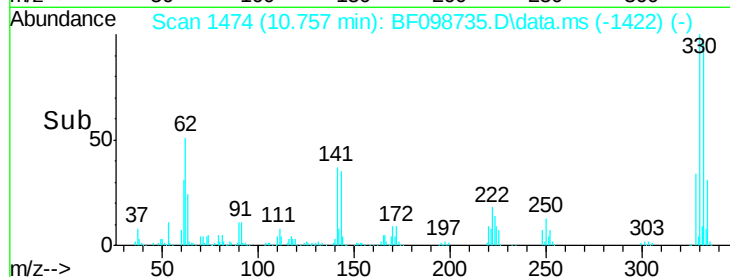
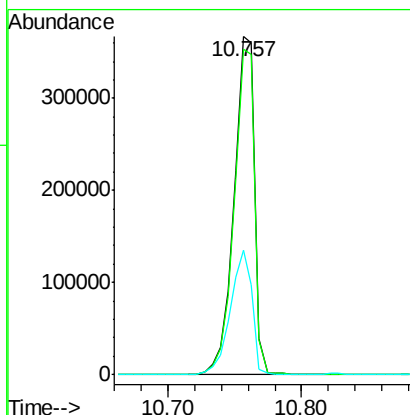
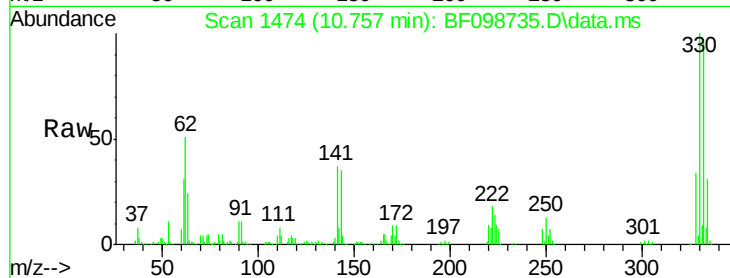




#41
 2,4,6-Tribromophenol
 Concen: 134.17 ng
 RT: 10.757 min Scan# 1473
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

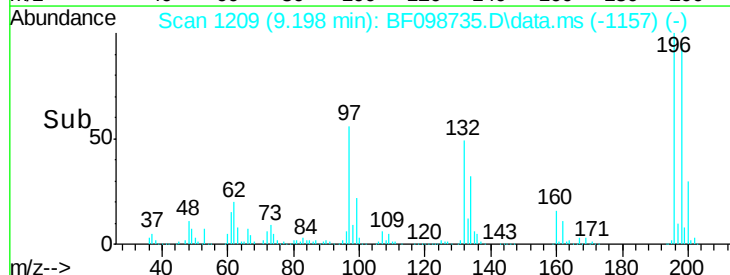
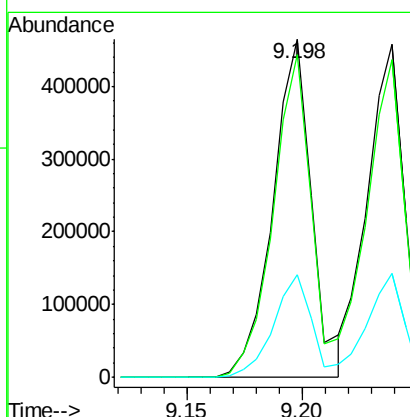
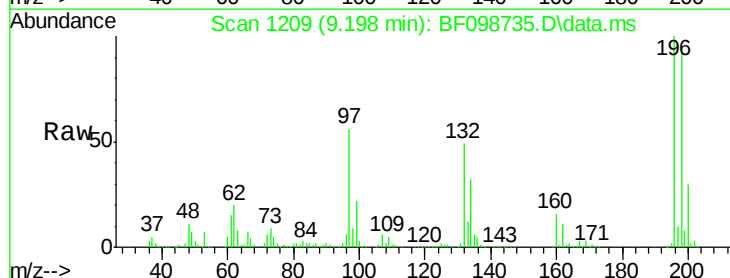
Instrument :
 BNA_F
 ClientSampleId :

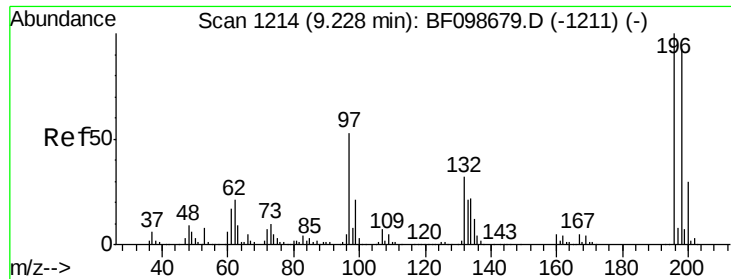
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	38.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 83.31 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.4	24.5	36.7

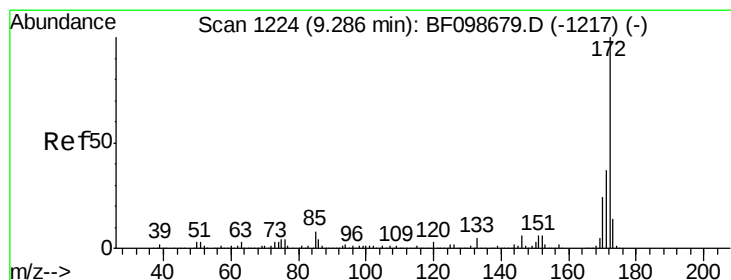
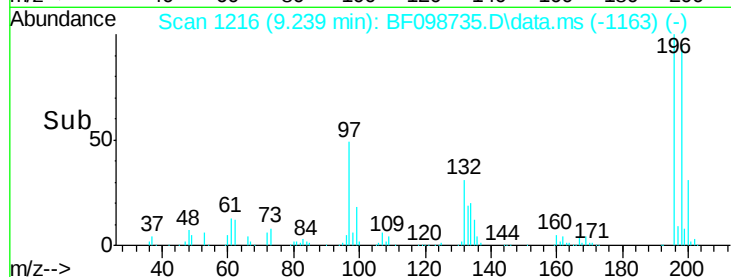
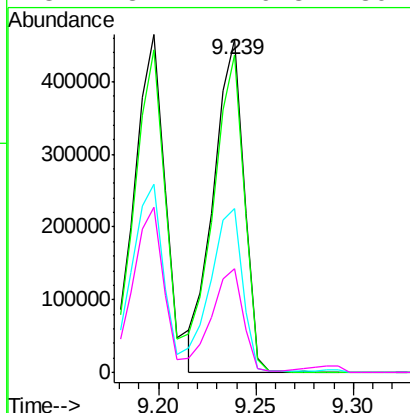
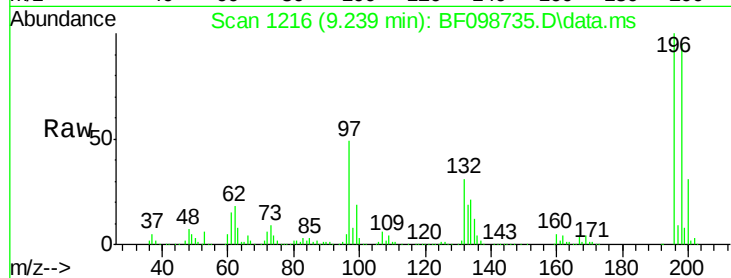




#43
 2,4,5-Trichlorophenol
 Concen: 75.34 ng
 RT: 9.239 min Scan# 1214
 Delta R.T. 0.011 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

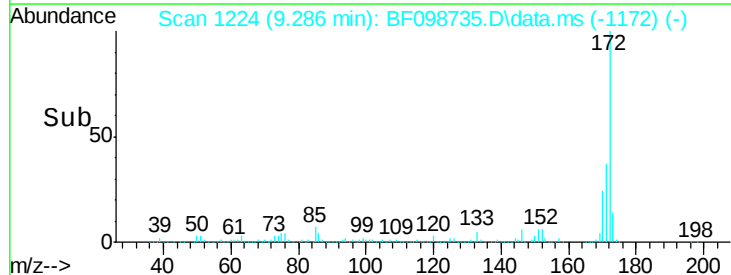
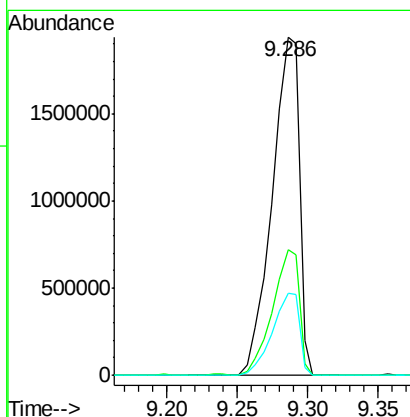
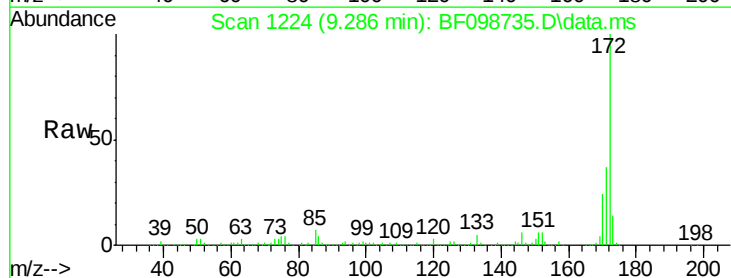
Instrument :
 BNA_F
 ClientSampleId :

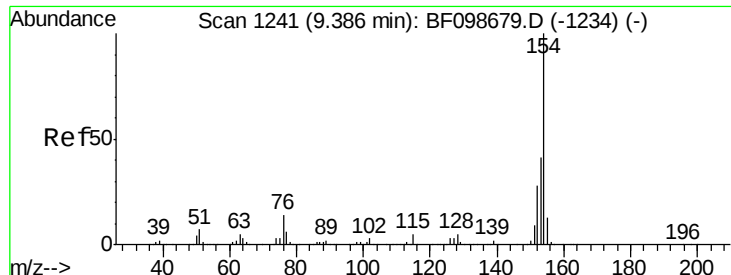
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	49.2	42.9	64.3
132	31.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 128.86 ng
 RT: 9.286 min Scan# 1224
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 67.06 ng

RT: 9.392 min Scan# 1241

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

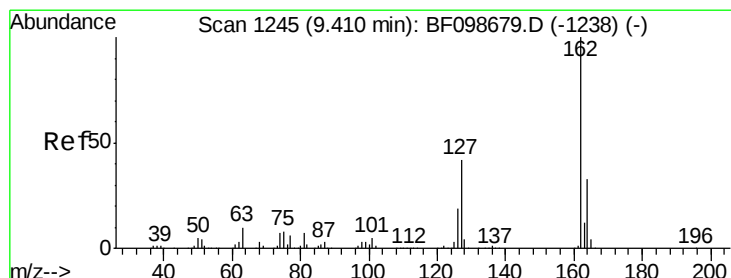
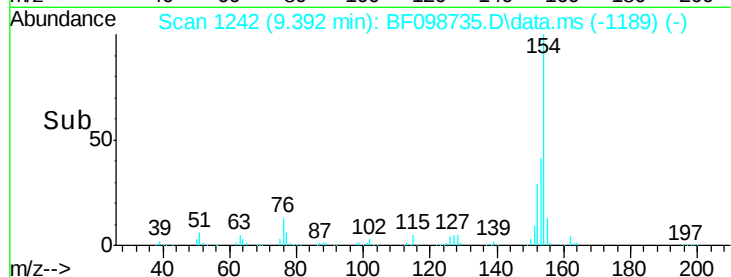
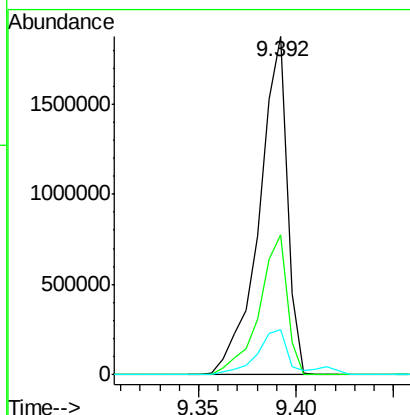
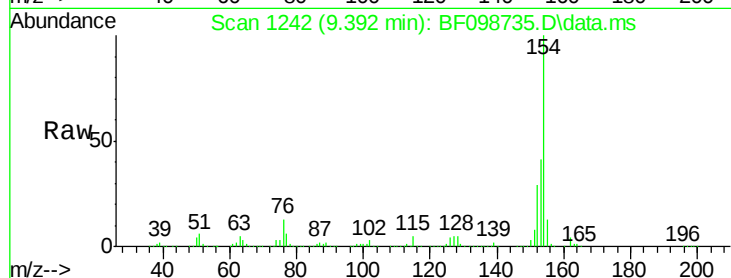
Tot Ion:154 Resp: 1868828

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

76 13.3 0.0 34.0



#46

2-Chloronaphthalene

Concen: 70.96 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

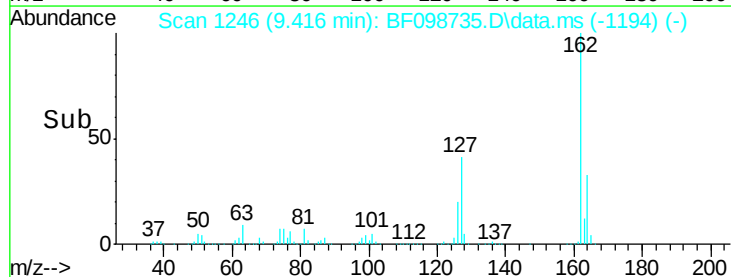
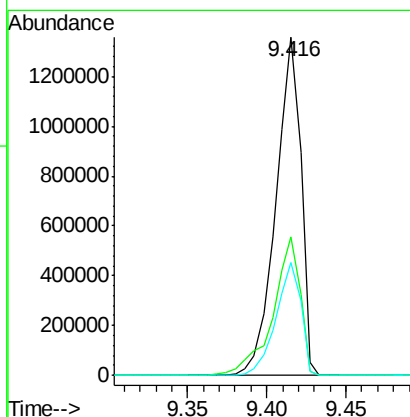
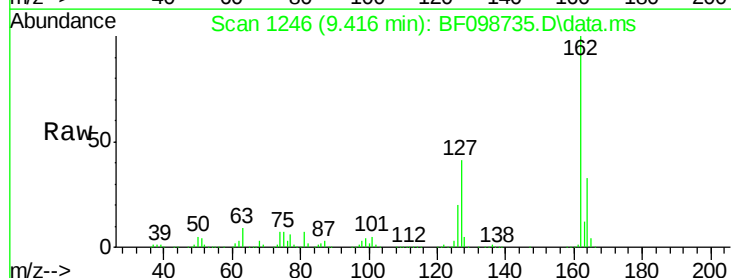
Tgt Ion:162 Resp: 1483013

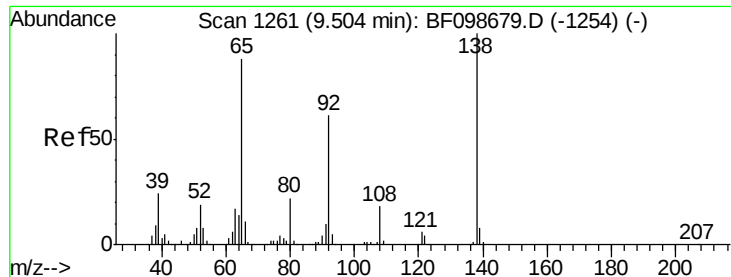
Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

164 33.4 26.5 39.7

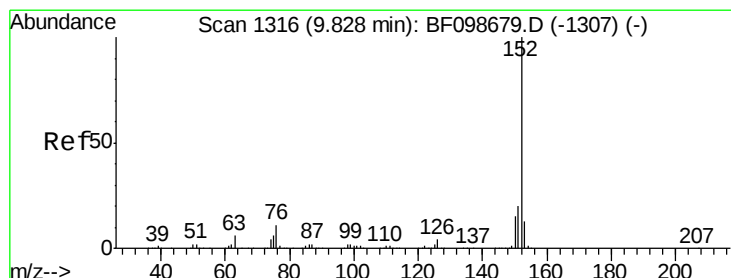
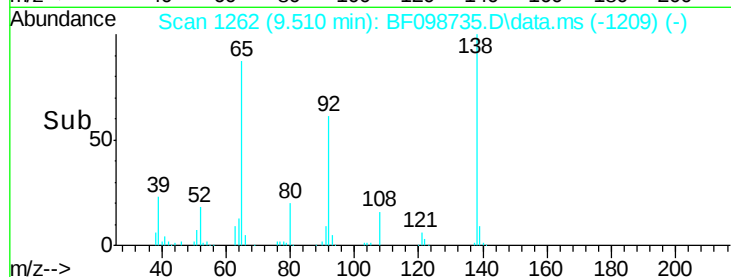
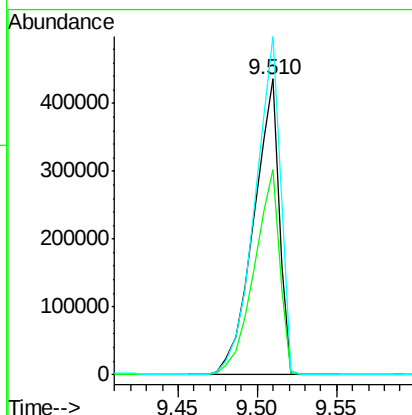
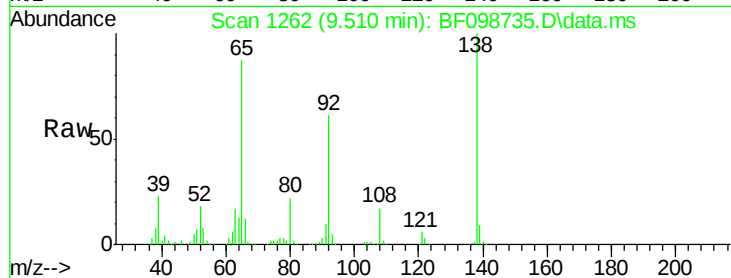




#47
2-Nitroaniline
Concen: 83.53 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.011 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

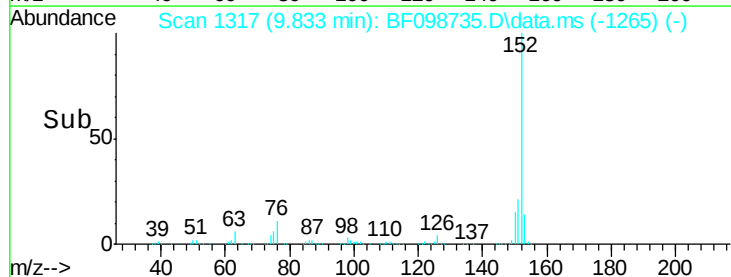
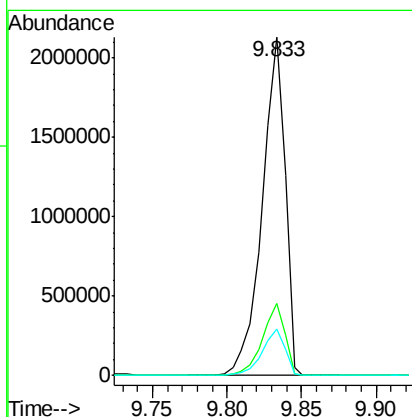
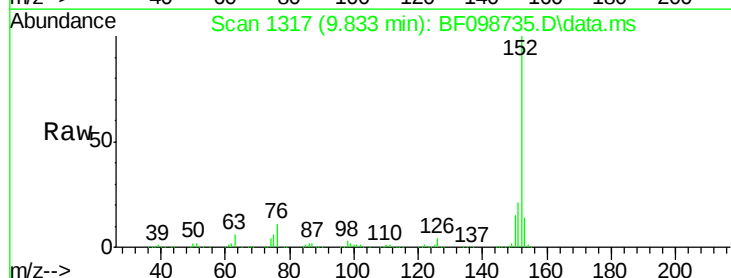
Instrument :
BNA_F
ClientSampleId :

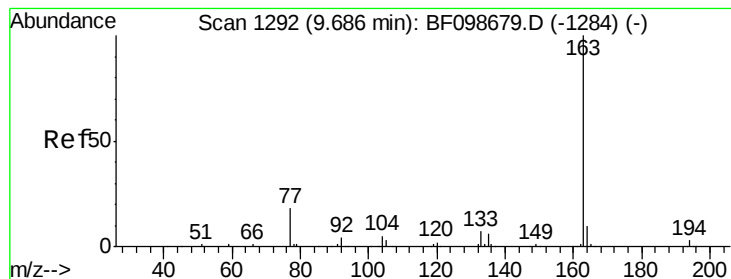
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.8	83.6
138	114.4	91.2	136.8



#48
Acenaphthylene
Concen: 69.38 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	13.7	10.7	16.1





#49

Dimethylphthalate

Concen: 74.47 ng

RT: 9.698 min Scan# 12

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

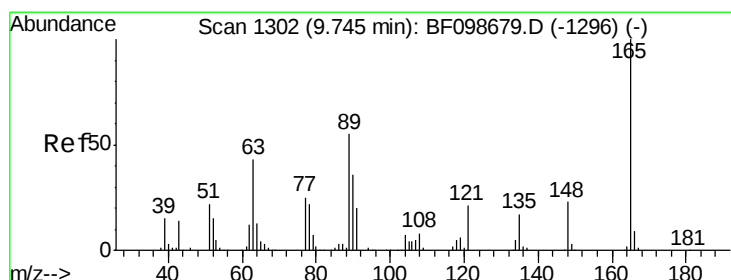
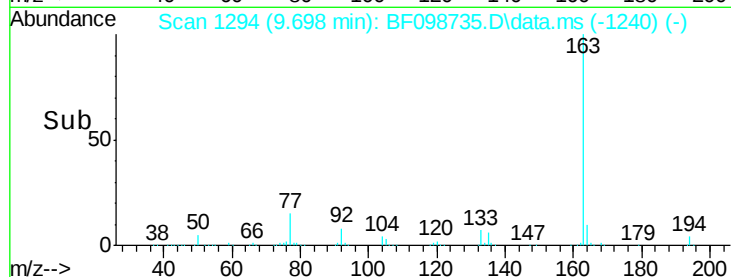
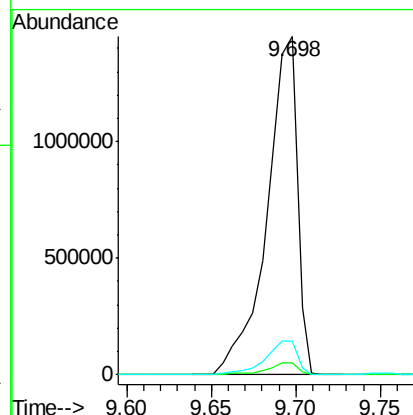
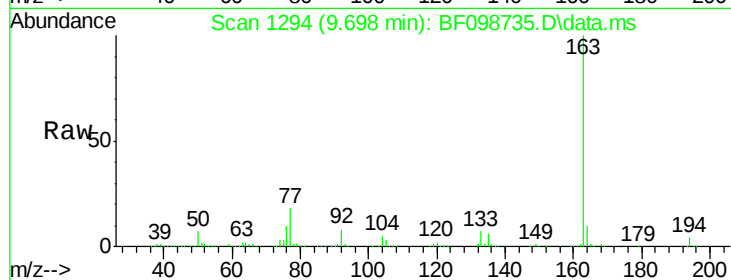
Tot Ion:163 Resp: 1811634

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

164 10.0 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 87.05 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

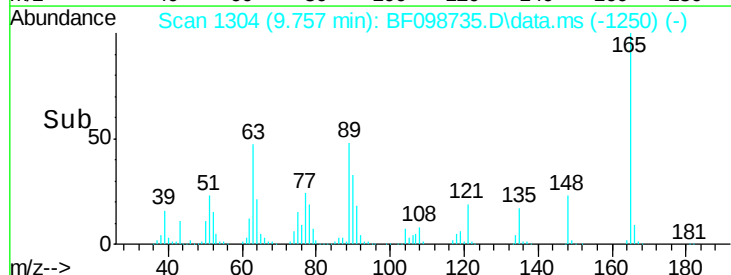
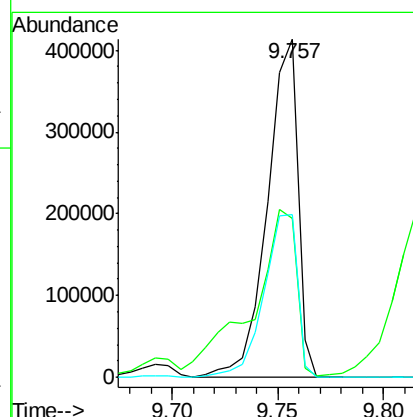
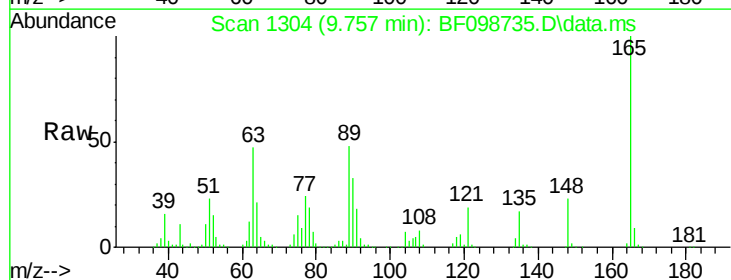
Tgt Ion:165 Resp: 417859

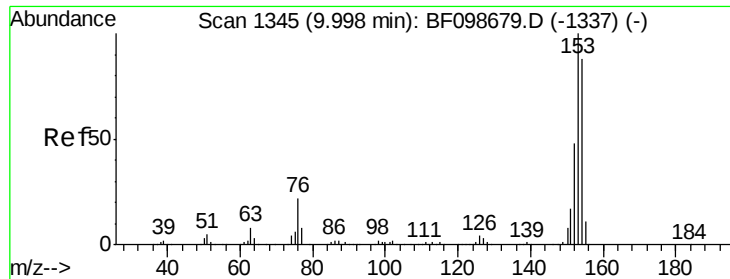
Ion Ratio Lower Upper

165 100

63 46.9 44.7 67.1

89 48.1 44.0 66.0





#51

Acenaphthene

Concen: 72.09 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

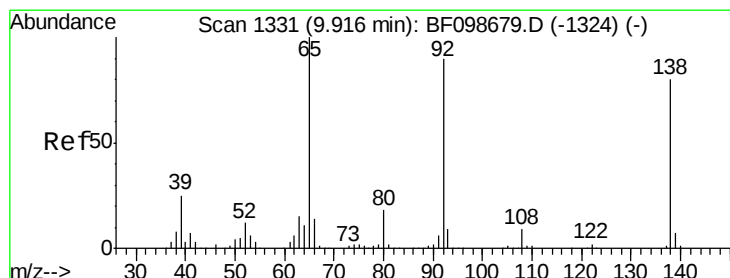
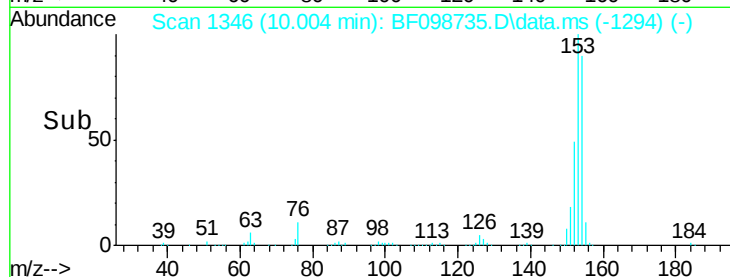
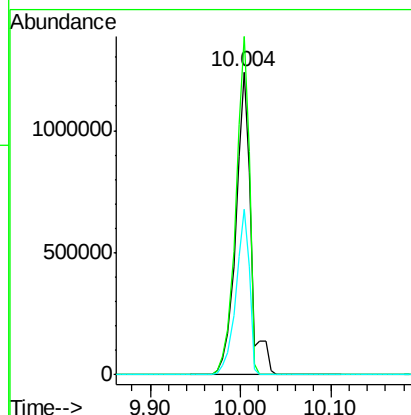
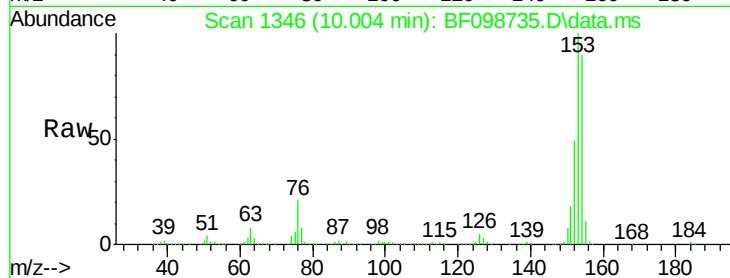
Tot Ion:154 Resp: 1438374

Ion Ratio Lower Upper

154 100

153 111.6 91.2 136.8

152 54.5 43.8 65.8



#52

3-Nitroaniline

Concen: 82.54 ng

RT: 9.927 min Scan# 1333

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

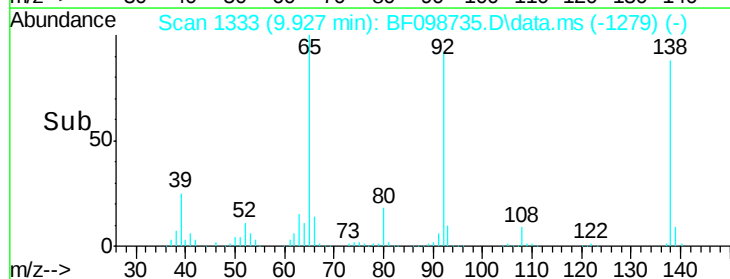
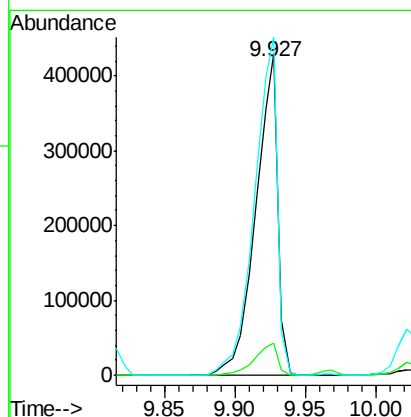
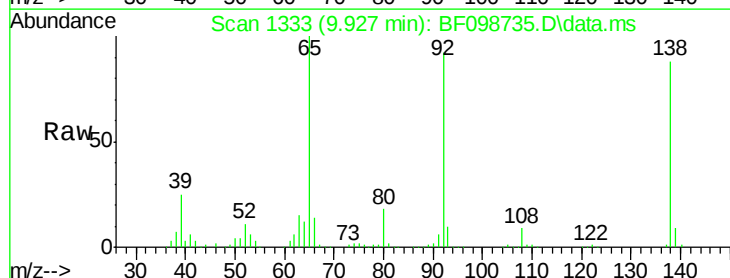
Tgt Ion:138 Resp: 472344

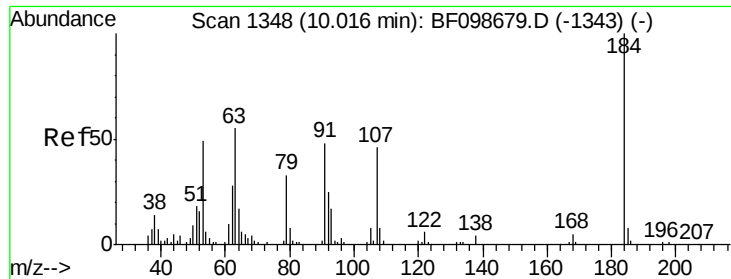
Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

92 105.0 89.4 134.2

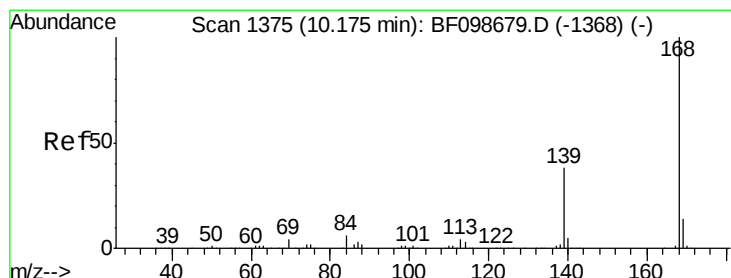
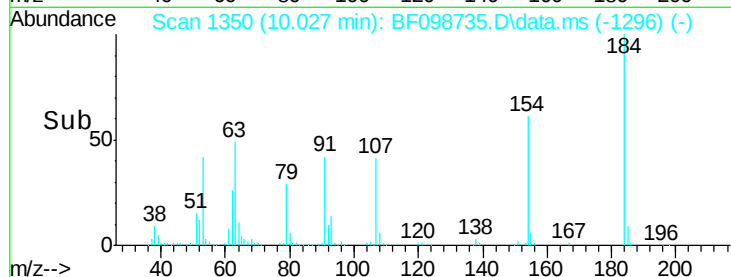
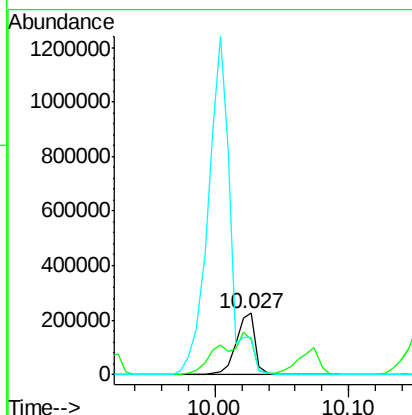
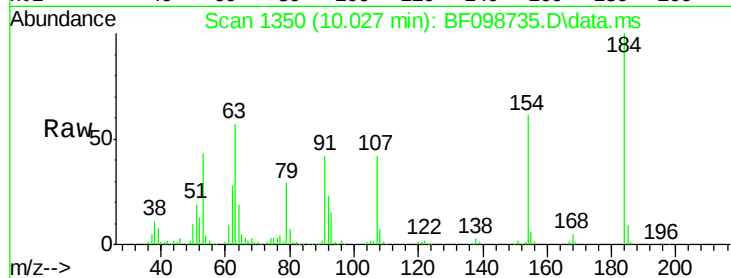




#53
 2,4-Dinitrophenol
 Concen: 146.97 ng
 RT: 10.027 min Scan# 1348
 Delta R.T. 0.017 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

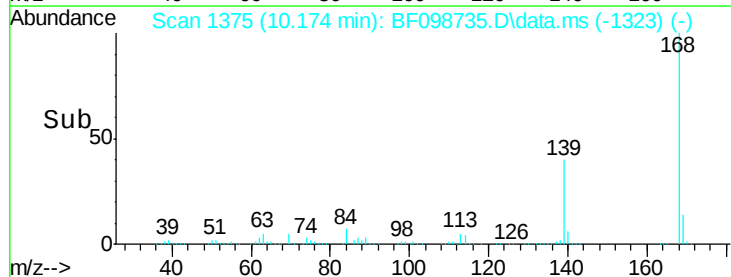
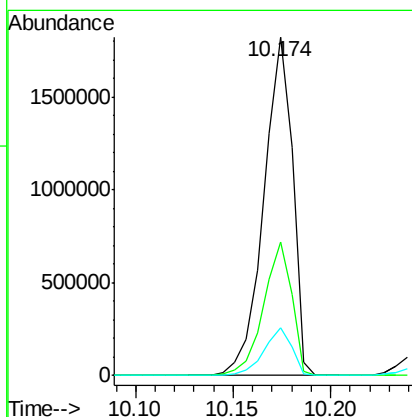
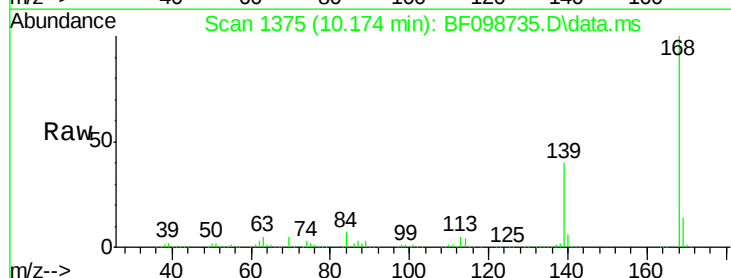
Instrument :
 BNA_F
 ClientSampleId :

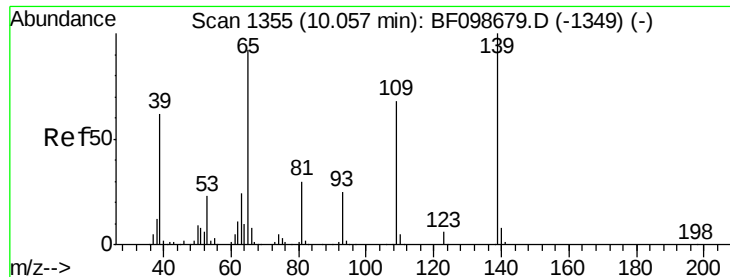
Tot Ion	Ratio	Lower	Upper
184	100		
63	56.8	54.2	81.2
154	61.4	53.5	80.3



#54
 Dibenzofuran
 Concen: 68.33 ng
 RT: 10.174 min Scan# 1375
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	14.1	10.9	16.3





#55

4-Nitrophenol

Concen: 82.82 ng

RT: 10.074 min Scan# 1355

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampled :

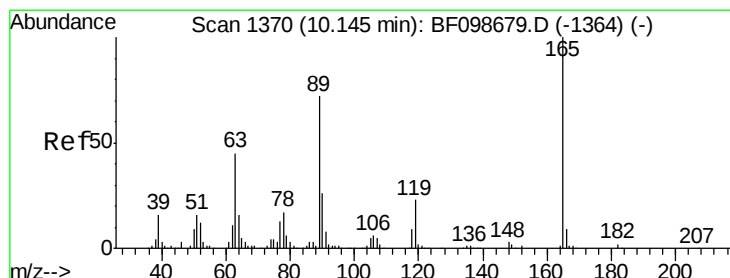
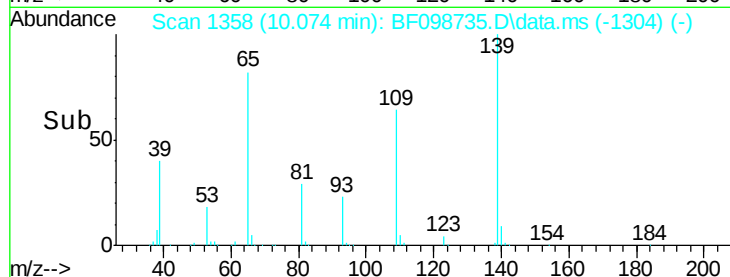
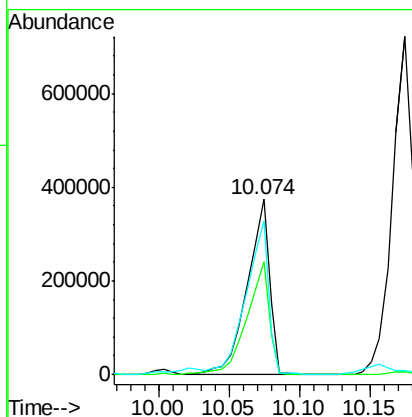
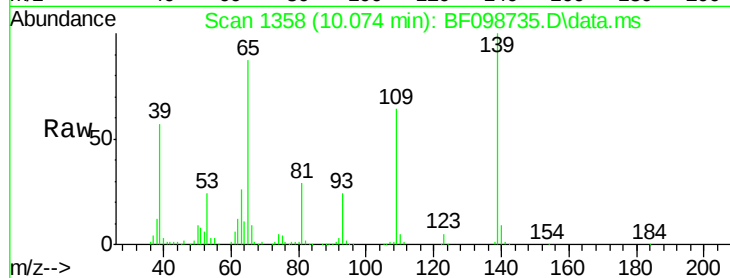
Tot Ion:139 Resp: 412403

Ion Ratio Lower Upper

139 100

109 64.5 48.4 88.4

65 87.4 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 83.83 ng

RT: 10.157 min Scan# 1372

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion:165 Resp: 540574

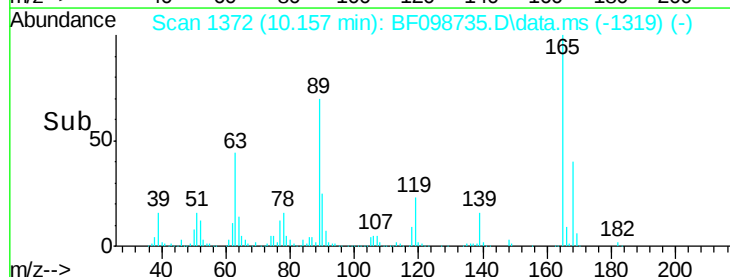
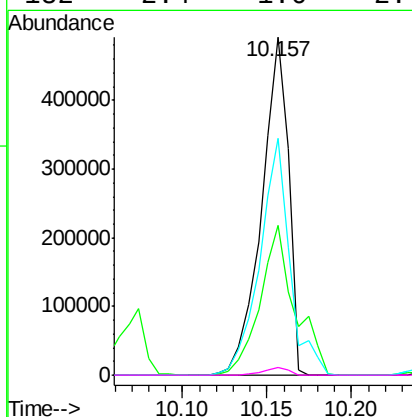
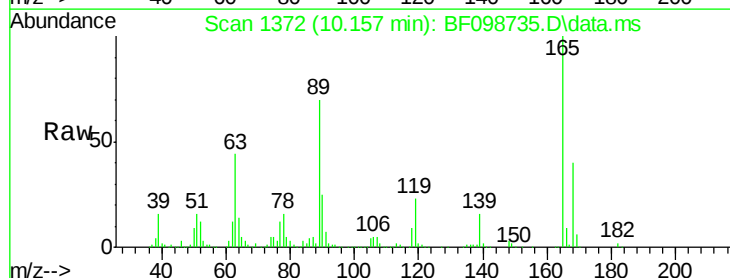
Ion Ratio Lower Upper

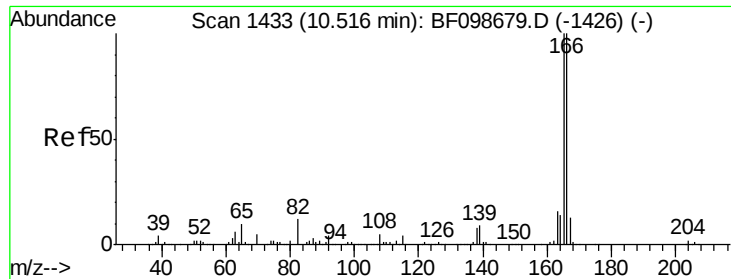
165 100

63 44.4 36.4 54.6

89 70.1 57.8 86.6

182 2.4 1.6 2.4





#57

Fluorene

Concen: 64.51 ng

RT: 10.521 min Scan# 1433

Delta R.T. 0.011 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

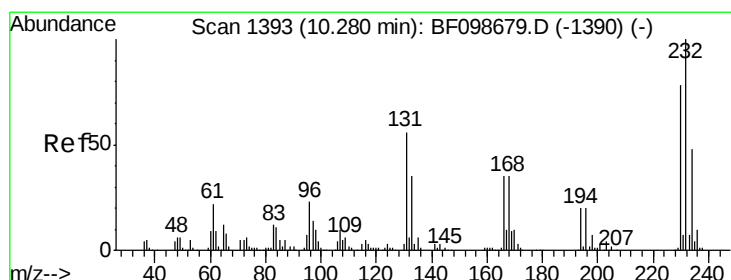
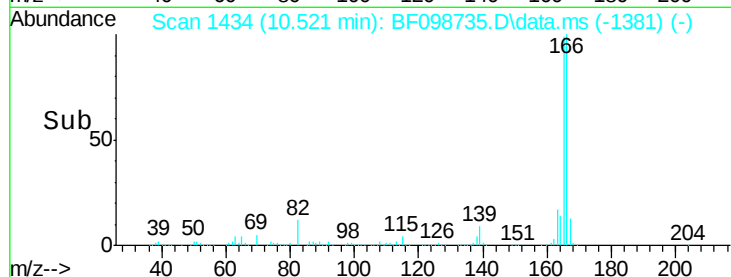
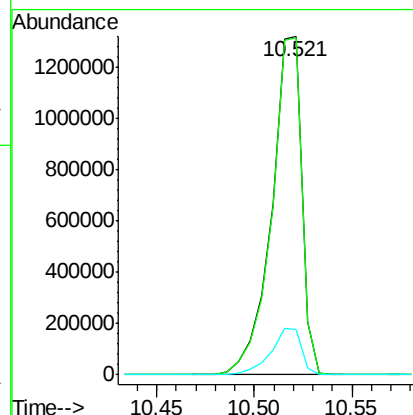
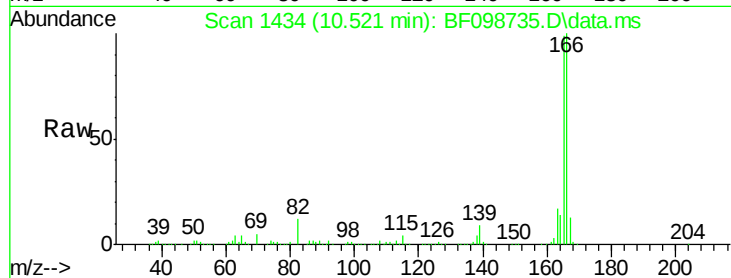
Tot Ion:166 Resp: 1412622

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

167 13.4 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 73.76 ng

RT: 10.286 min Scan# 1394

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion:232 Resp: 347918

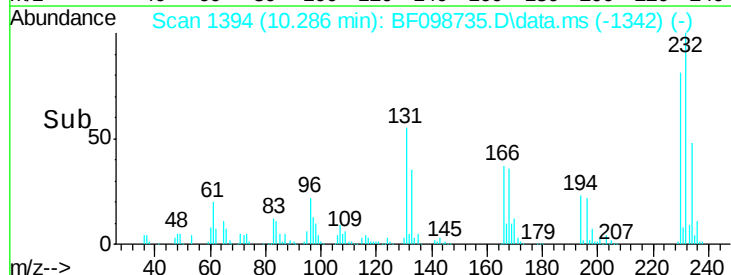
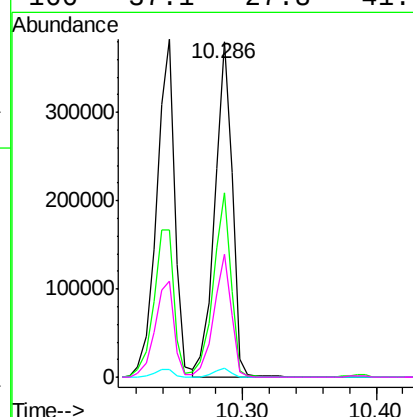
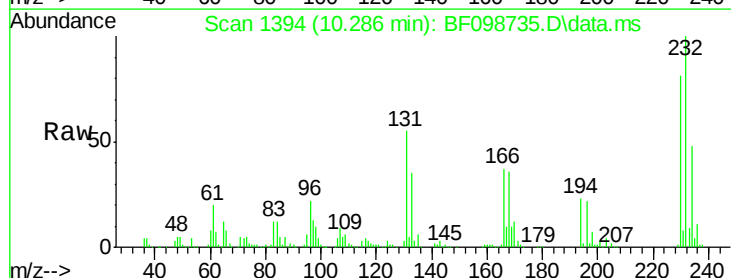
Ion Ratio Lower Upper

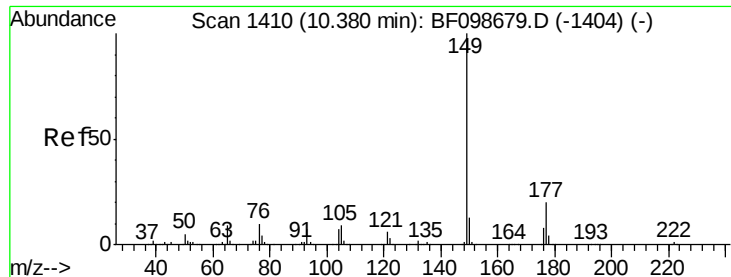
232 100

131 55.3 43.8 65.8

130 2.7 2.1 3.1

166 37.1 27.8 41.6





#59

Diethylphthalate

Concen: 70.92 ng

RT: 10.386 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

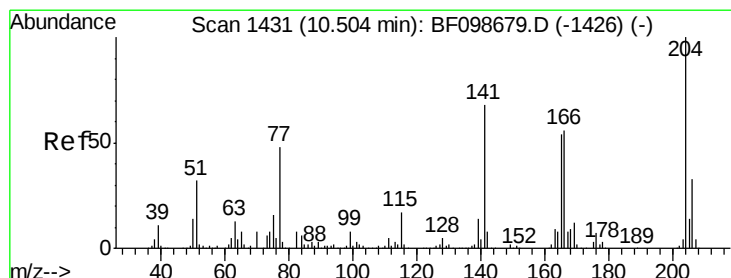
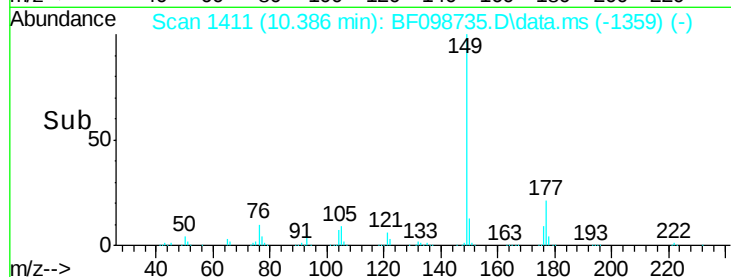
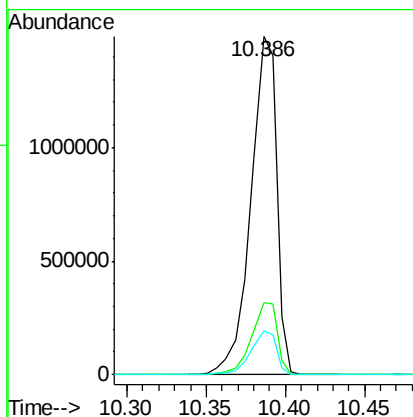
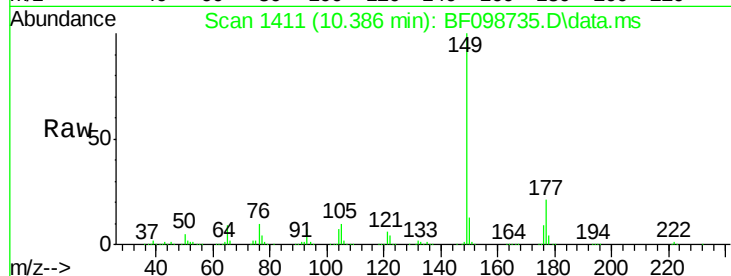
Tot Ion:149 Resp: 1690591

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

150 12.9 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 66.86 ng

RT: 10.504 min Scan# 1431

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

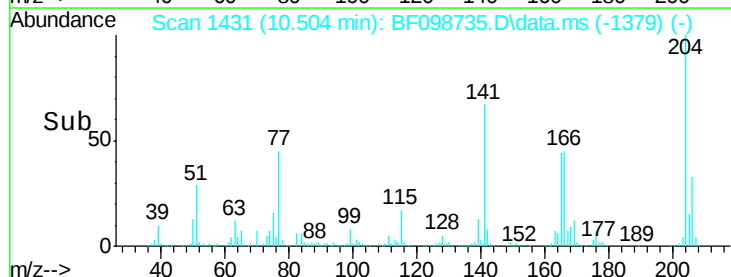
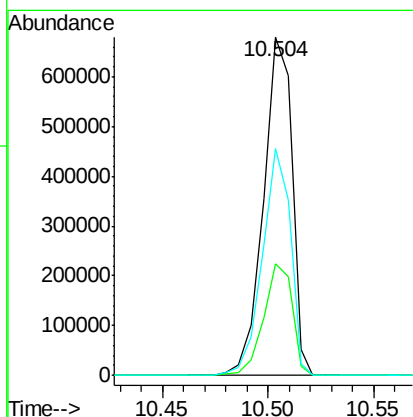
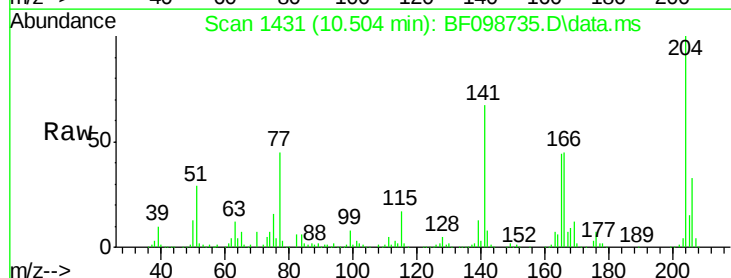
Tgt Ion:204 Resp: 641412

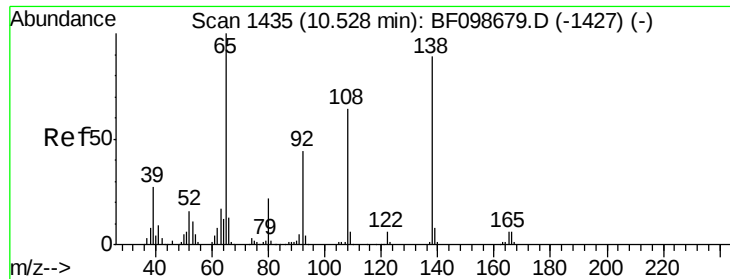
Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

141 67.2 54.6 81.8

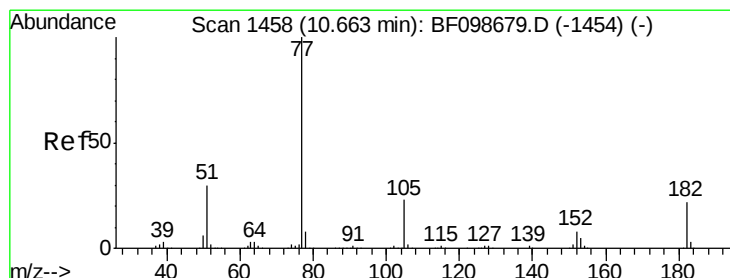
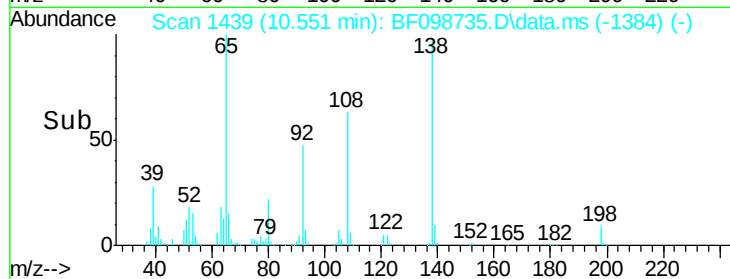
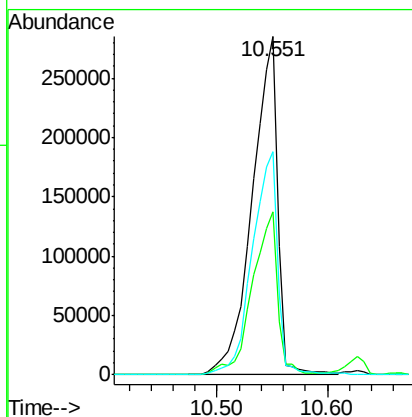
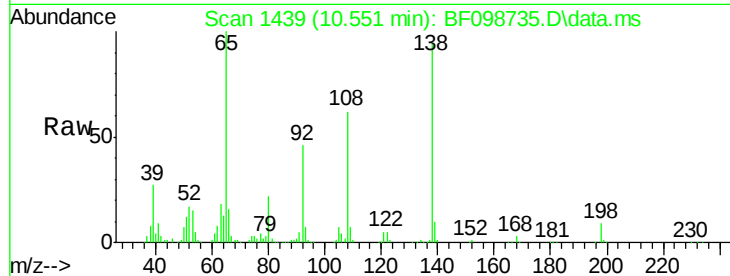




#61
4-Nitroaniline
Concen: 83.95 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.023 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

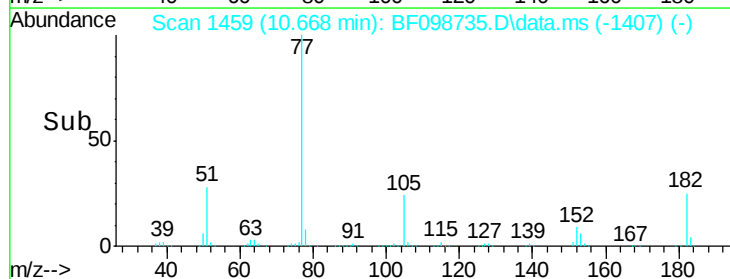
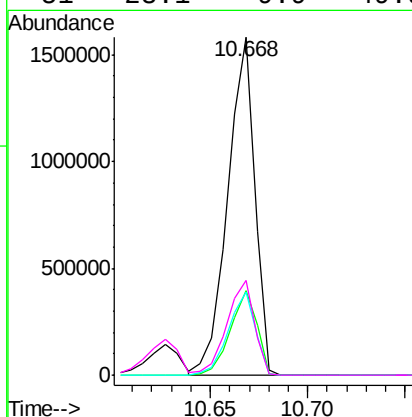
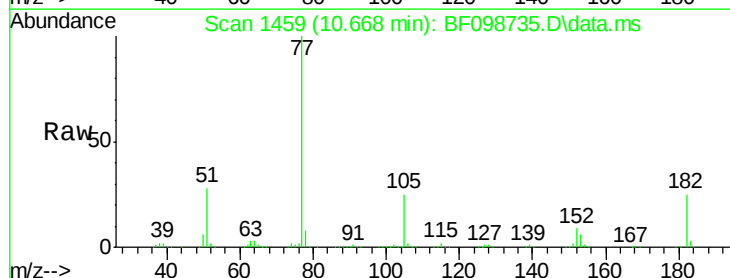
Instrument :
BNA_F
ClientSampleId :

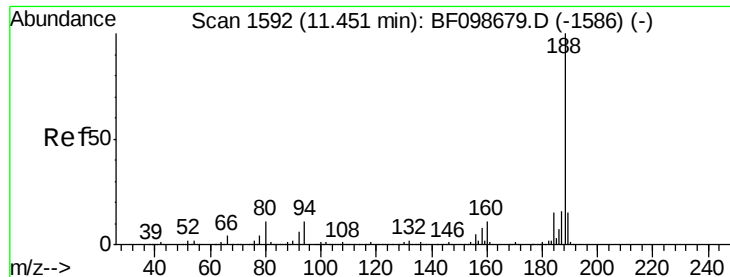
Tot Ion:138 Resp: 460750
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 68.21 ng
RT: 10.668 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion: 77 Resp: 1520777
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 24.8 3.0 43.0
51 28.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.451 min Scan# 15

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

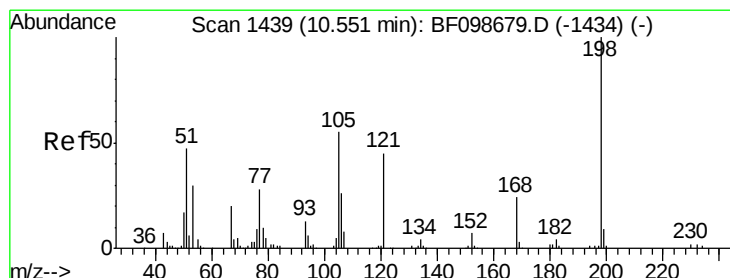
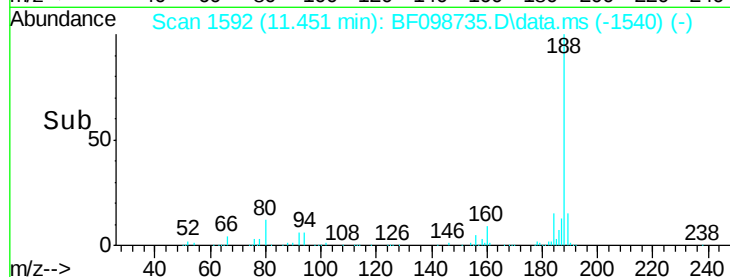
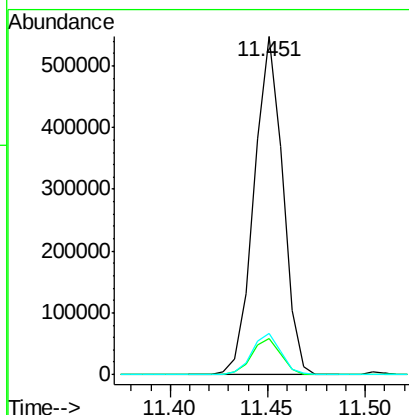
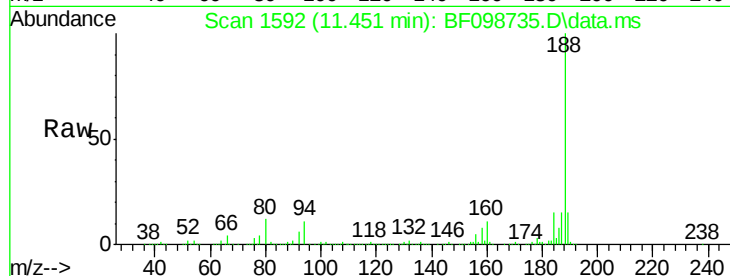
Tot Ion:188 Resp: 556561

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

80 12.3 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 122.73 ng

RT: 10.568 min Scan# 1442

Delta R.T. 0.017 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

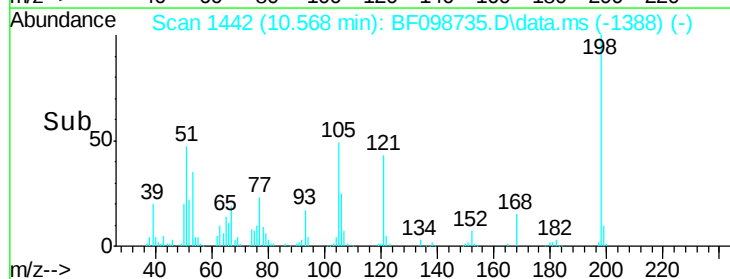
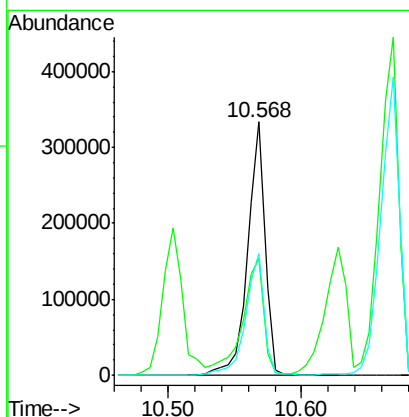
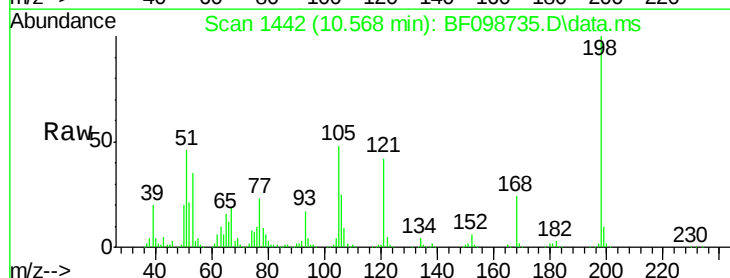
Tgt Ion:198 Resp: 295679

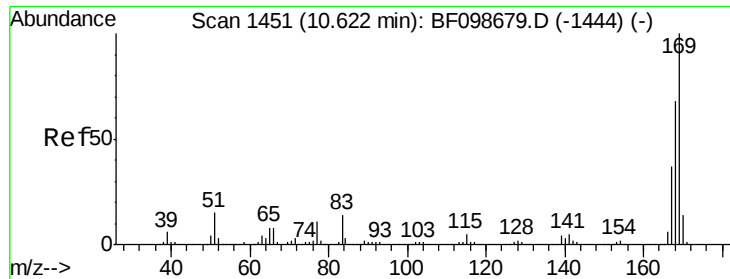
Ion Ratio Lower Upper

198 100

51 45.9 37.7 77.7

105 48.3 36.3 76.3

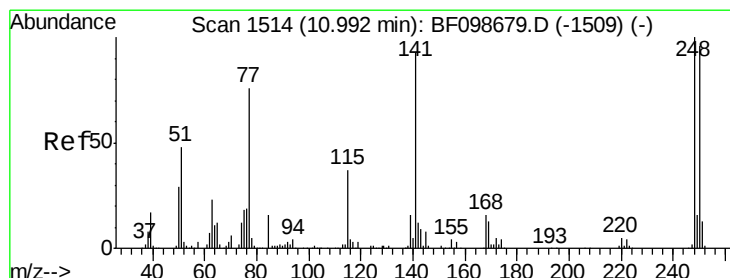
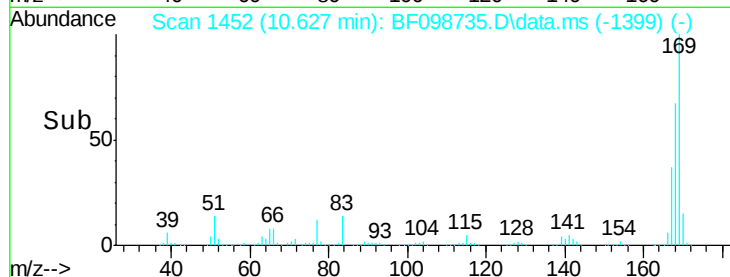
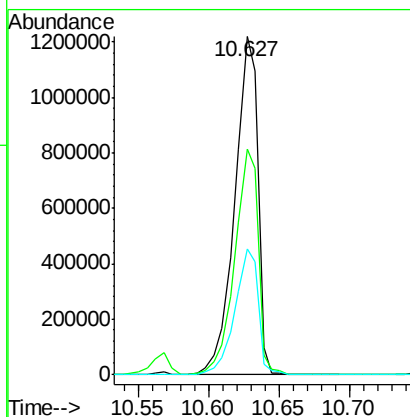
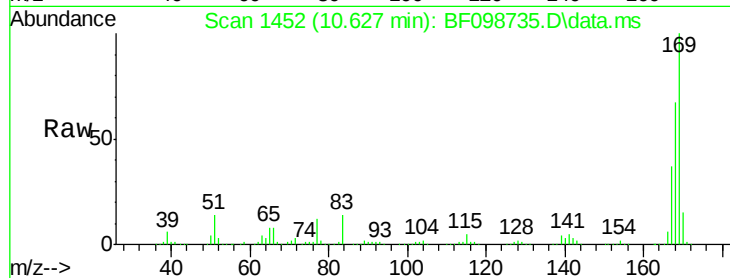




#65
 n-Nitrosodiphenylamine
 Concen: 72.25 ng
 RT: 10.627 min Scan# 14
 Delta R.T. 0.011 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

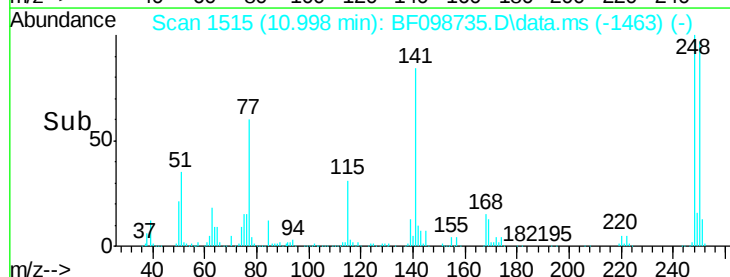
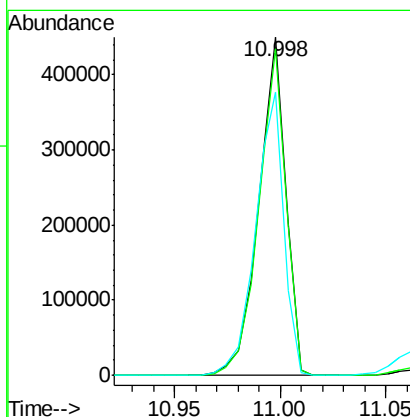
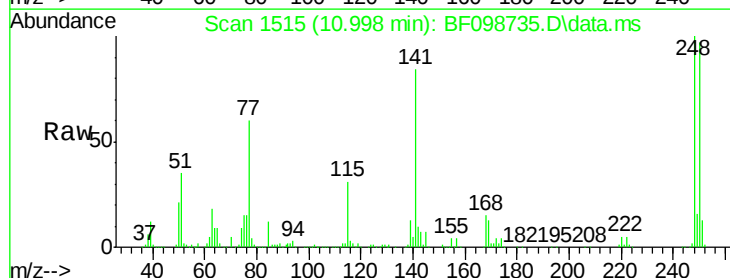
Instrument :
 BNA_F
 ClientSampleId :

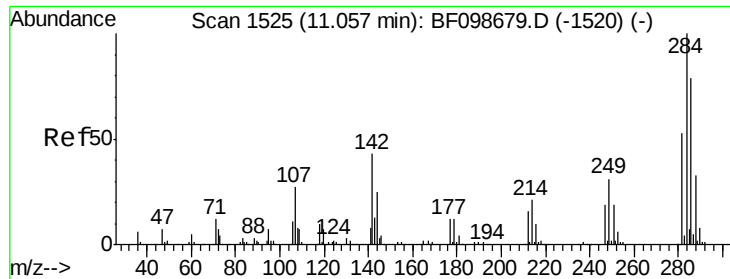
Tot Ion:169 Resp: 1384161
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 71.32 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion:248 Resp: 400818
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 83.8 74.4 111.6

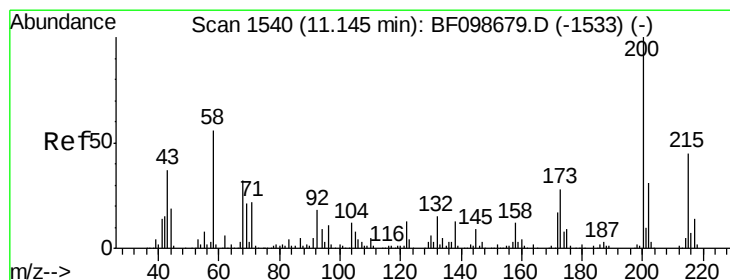
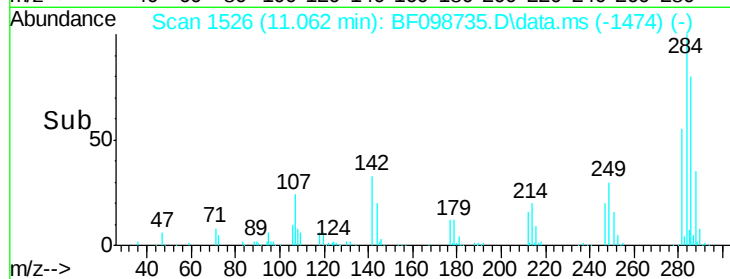
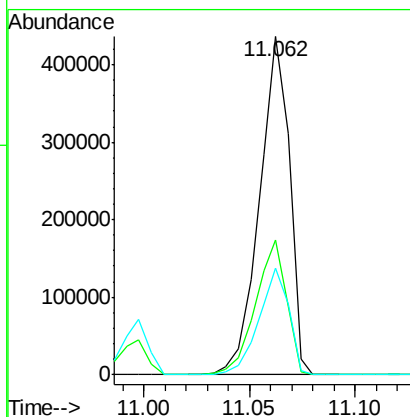
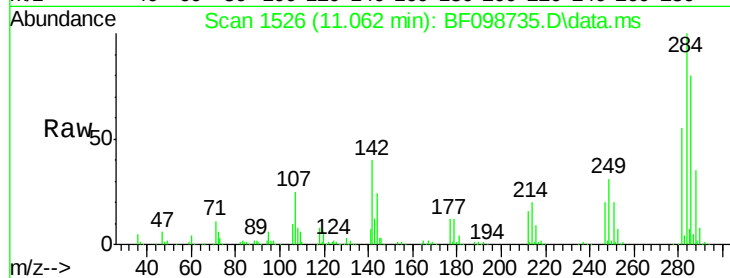




#67
Hexachlorobenzene
Concen: 67.31 ng
RT: 11.062 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

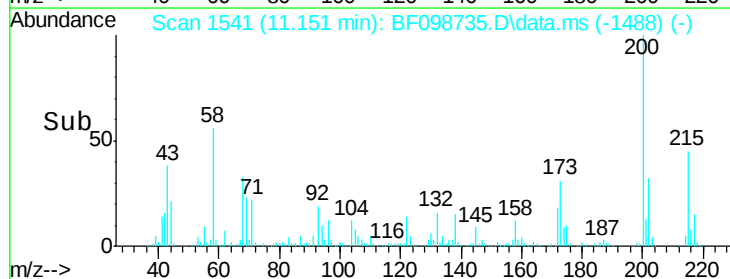
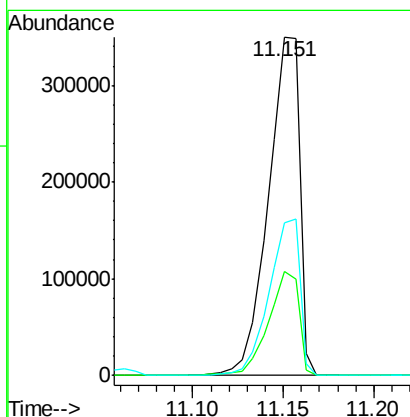
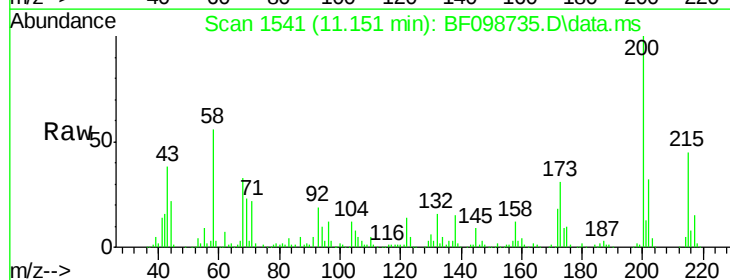
Instrument :
BNA_F
ClientSampleId :

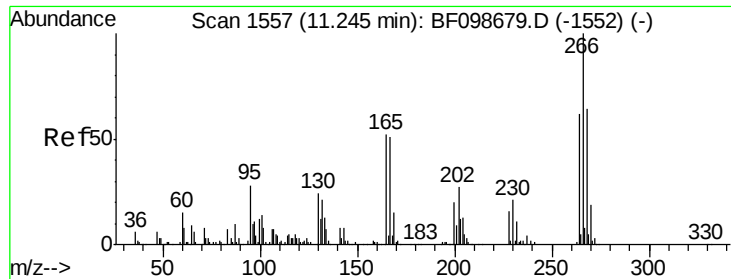
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.8	34.6	52.0
249	31.4	24.8	37.2



#68
Atrazine
Concen: 72.59 ng
RT: 11.151 min Scan# 1541
Delta R.T. 0.011 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	8.6	48.6
215	45.3	25.1	65.1

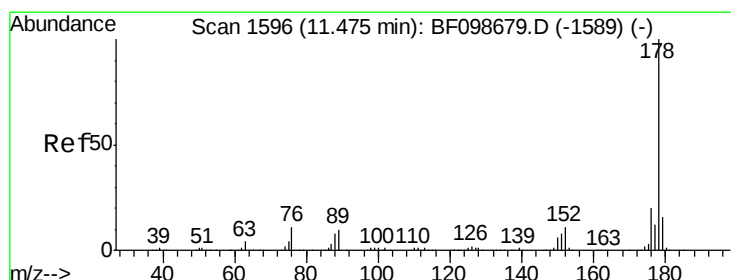
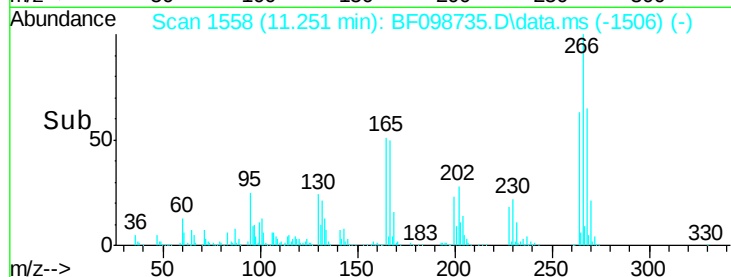
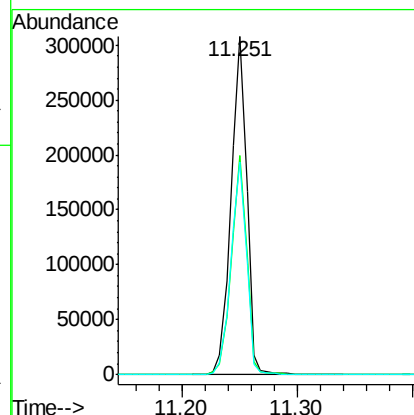
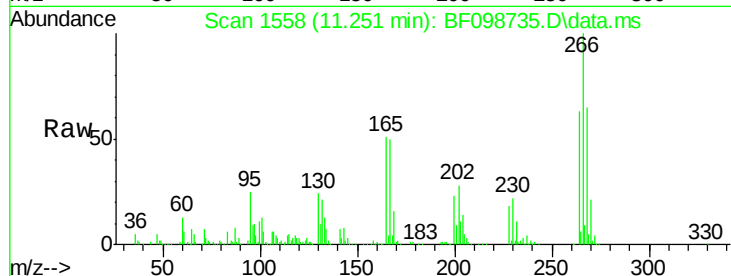




#69
 Pentachlorophenol
 Concen: 79.04 ng
 RT: 11.251 min Scan# 1557
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

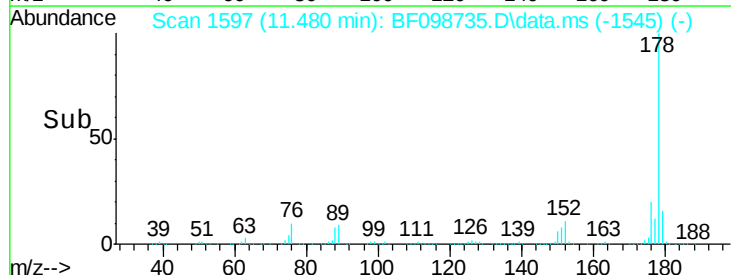
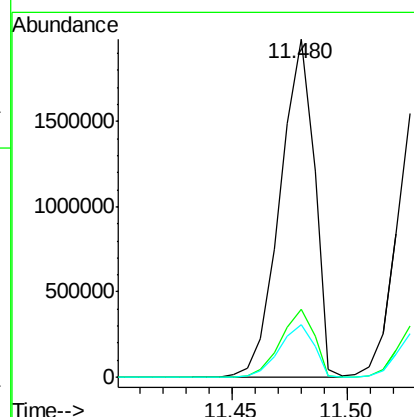
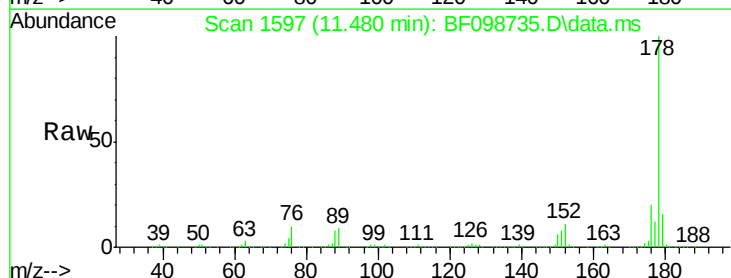
Instrument :
 BNA_F
 ClientSampleId :

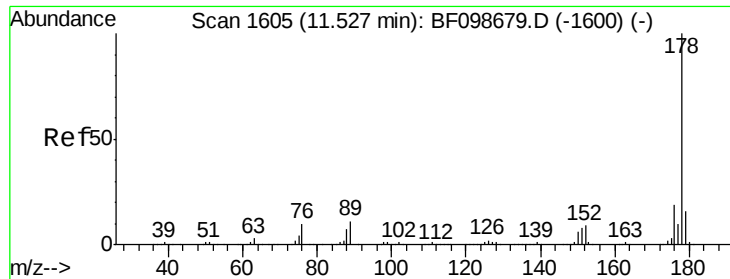
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	63.0	49.5	74.3



#70
 Phenanthrene
 Concen: 67.52 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6

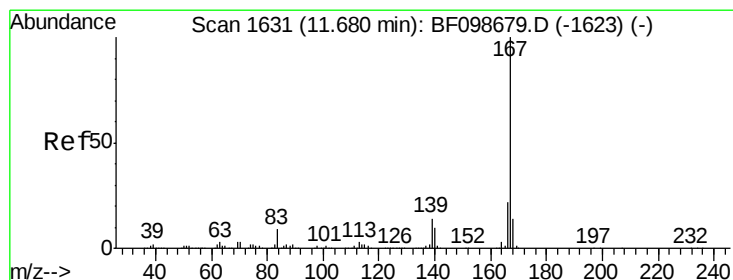
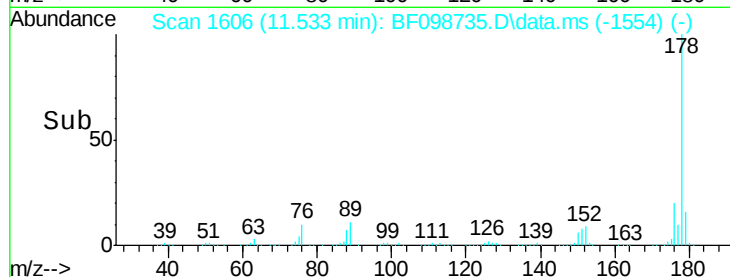
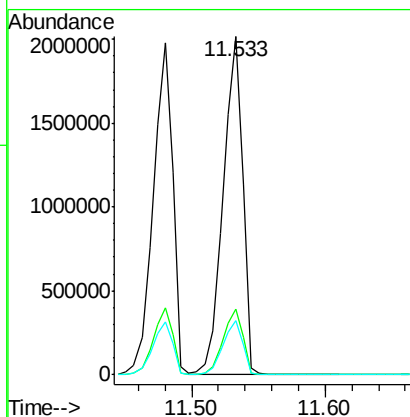
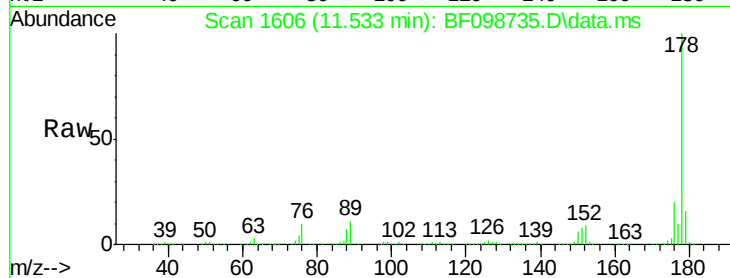




#71
 Anthracene
 Concen: 67.98 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

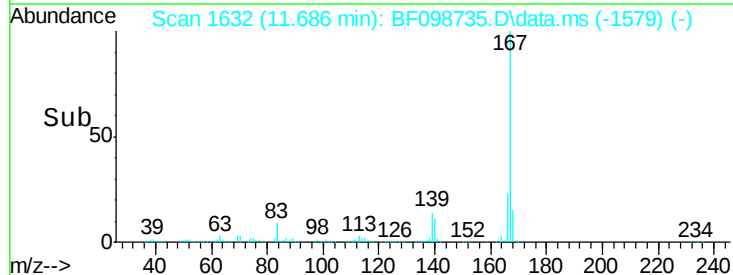
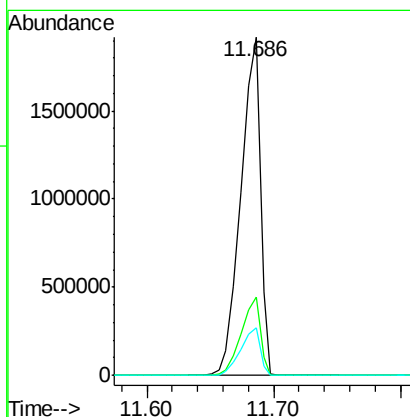
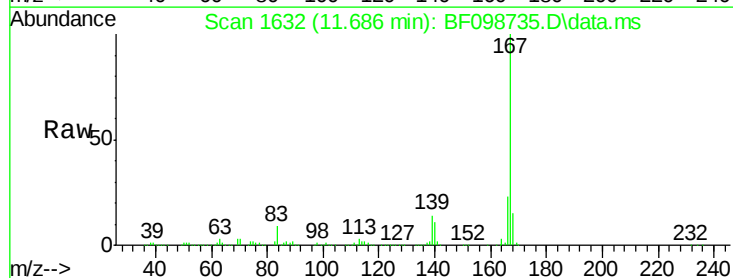
Instrument :
 BNA_F
 ClientSampleId :

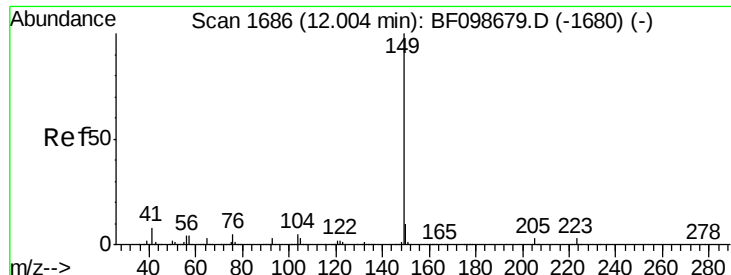
Tot Ion:178 Resp: 2092795
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 67.87 ng
 RT: 11.686 min Scan# 1632
 Delta R.T. 0.011 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion:167 Resp: 2041508
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 70.18 ng

RT: 12.009 min Scan# 16

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

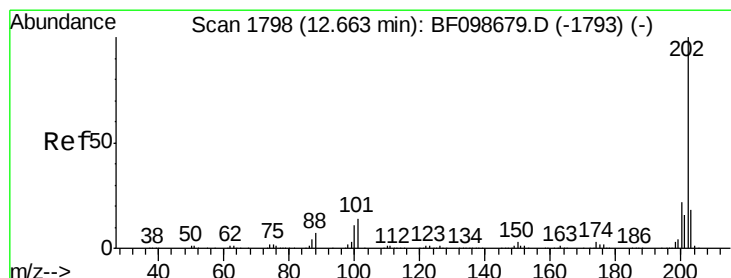
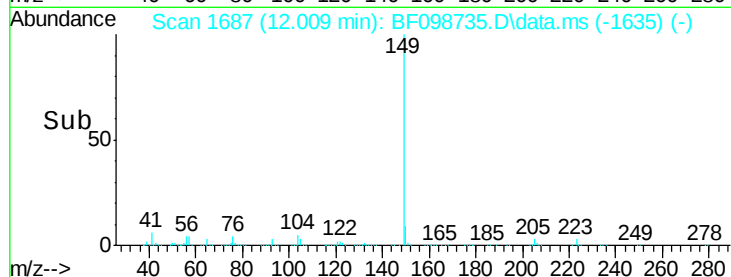
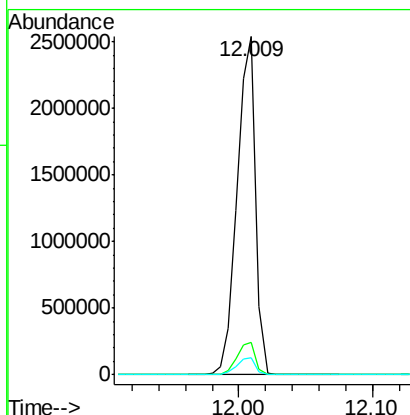
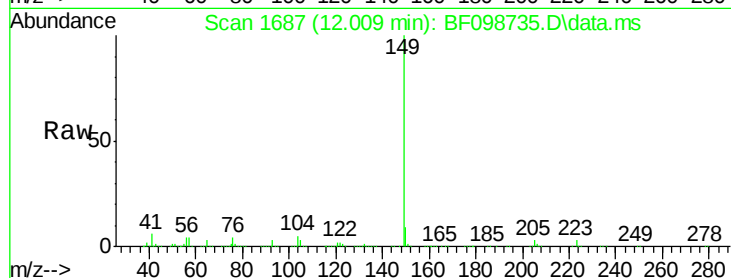
Tot Ion:149 Resp: 2451970

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.8 3.8 5.8



#74

Fluoranthene

Concen: 67.74 ng

RT: 12.668 min Scan# 1799

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

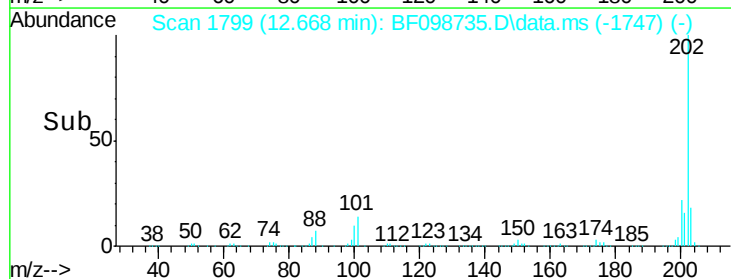
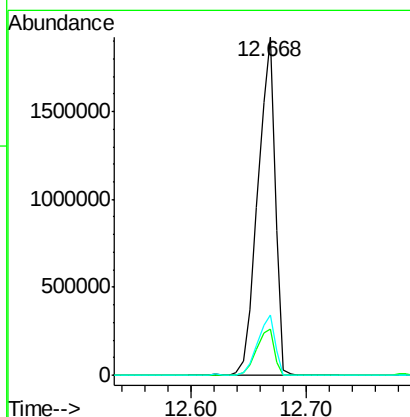
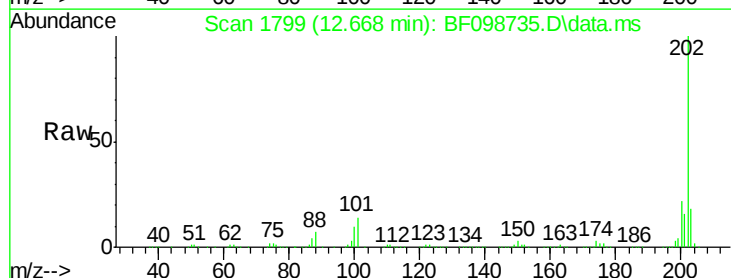
Tgt Ion:202 Resp: 2038100

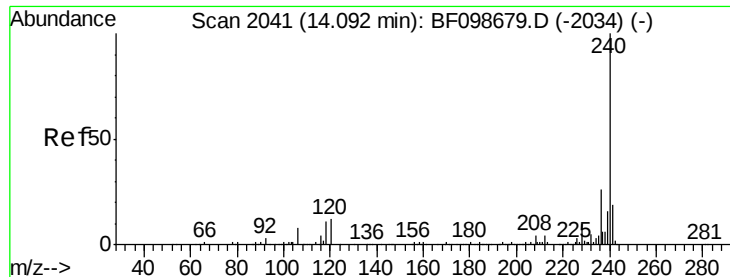
Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

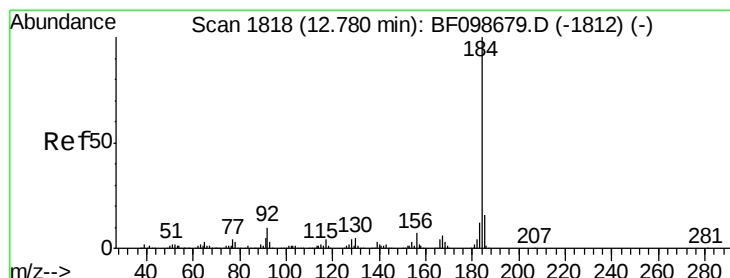
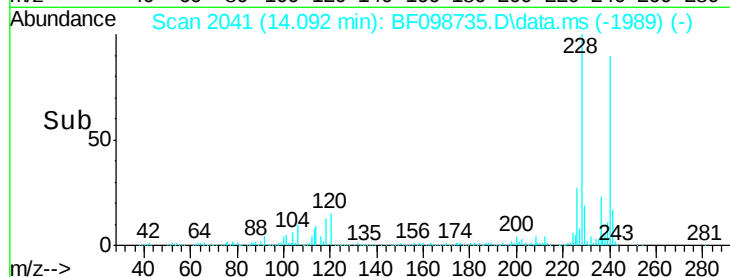
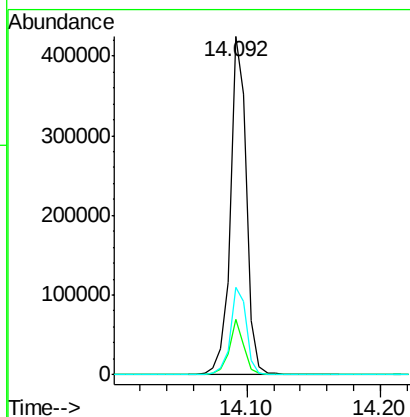
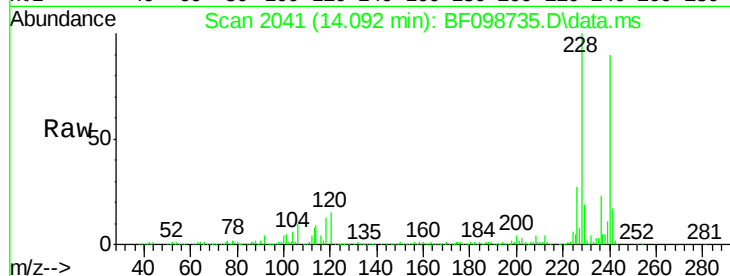
Tot Ion:240 Resp: 359883

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

236 26.0 20.7 31.1



#76

Benzidine

Concen: 62.28 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

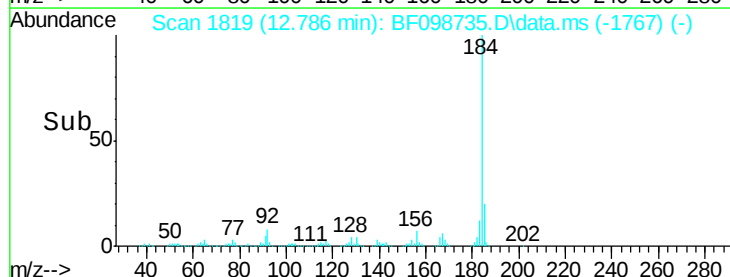
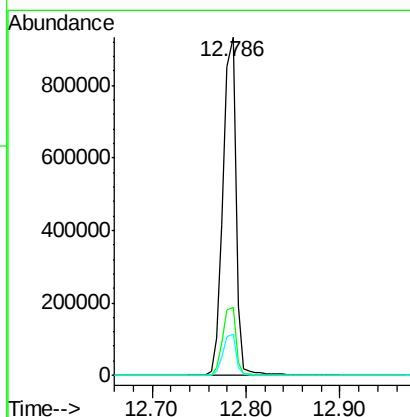
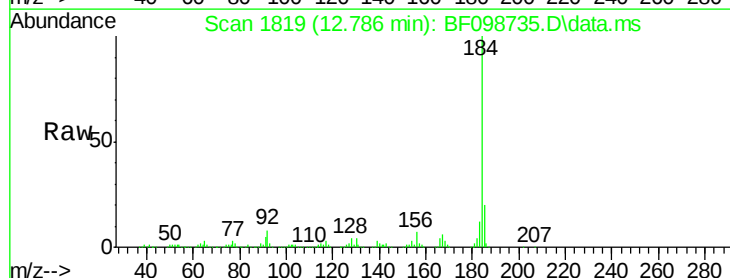
Tgt Ion:184 Resp: 910171

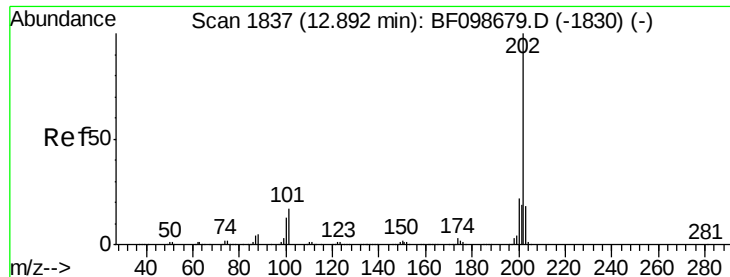
Ion Ratio Lower Upper

184 100

185 20.0 12.6 18.8#

183 12.3 9.3 13.9

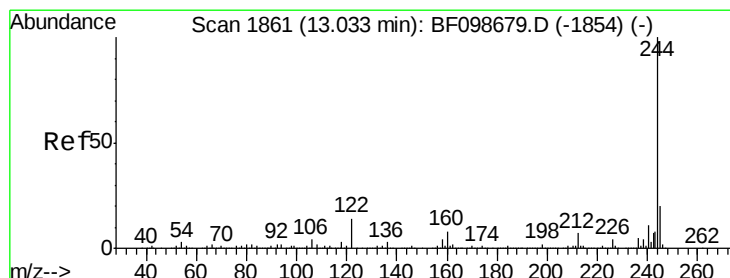
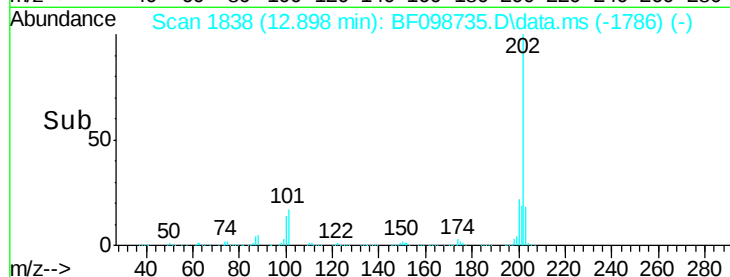
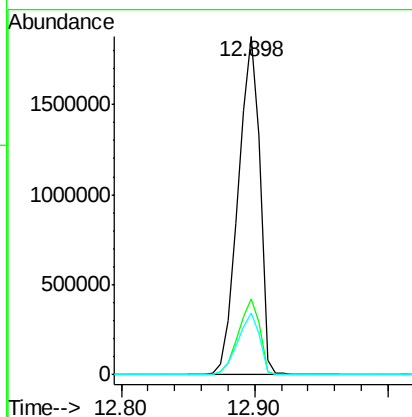
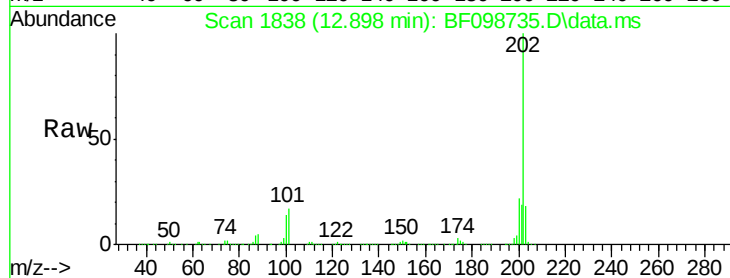




#77
Pvrene
Concen: 79.15 ng
RT: 12.898 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

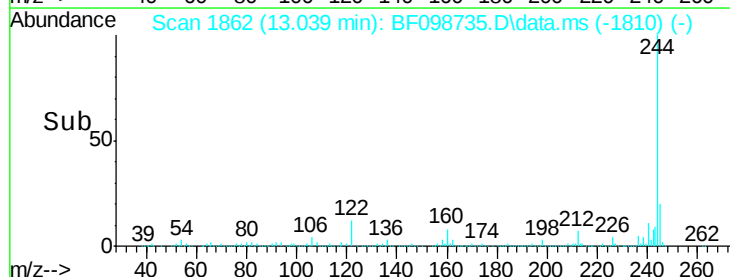
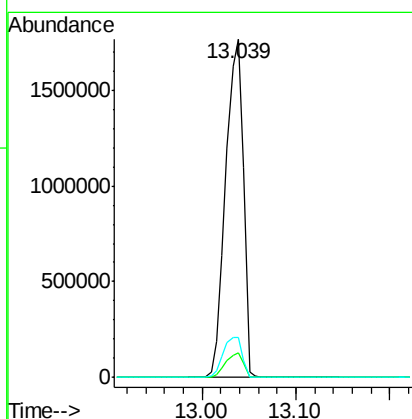
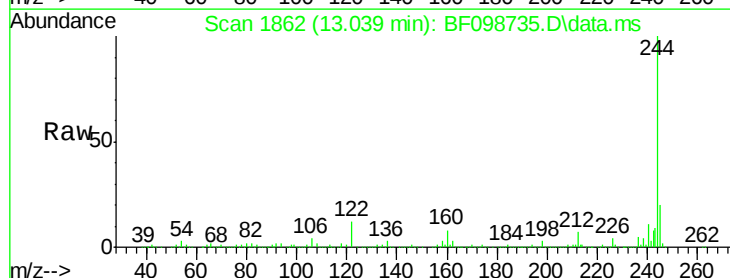
Instrument :
BNA_F
ClientSampleId :

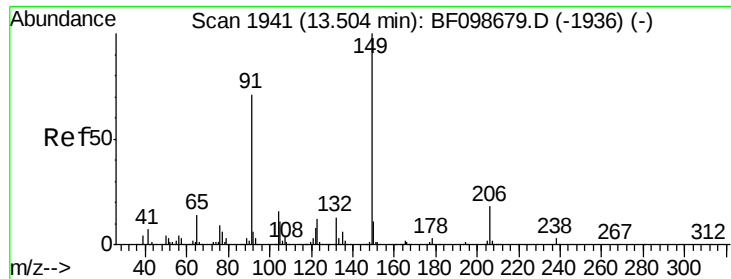
Tot Ion:202 Resp: 2114870
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 139.05 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:244 Resp: 2330613
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.8 11.0 16.4

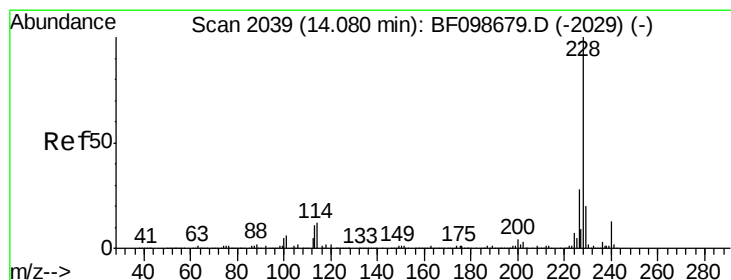
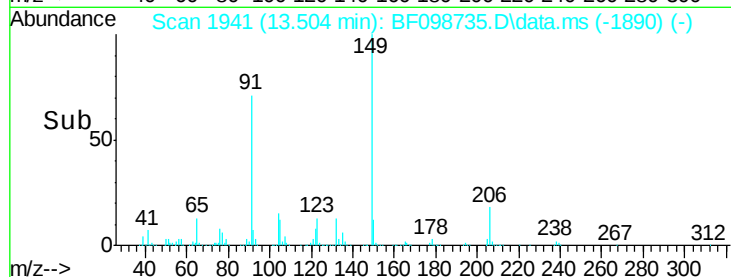
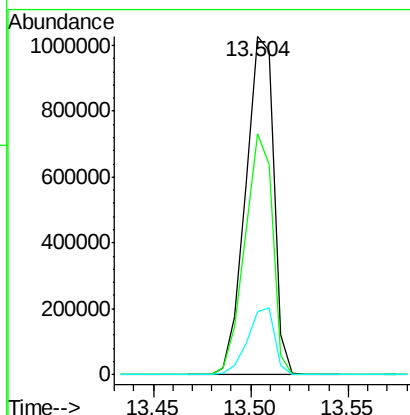
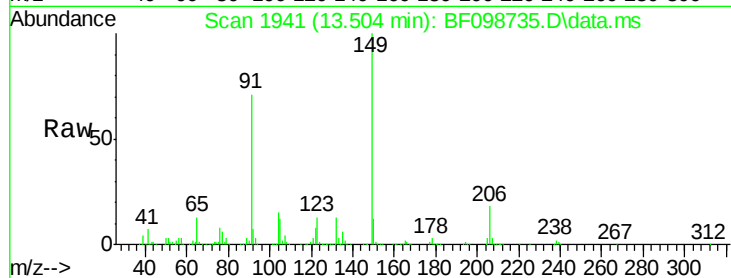




#79
Butylbenzylphthalate
Concen: 93.01 ng
RT: 13.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

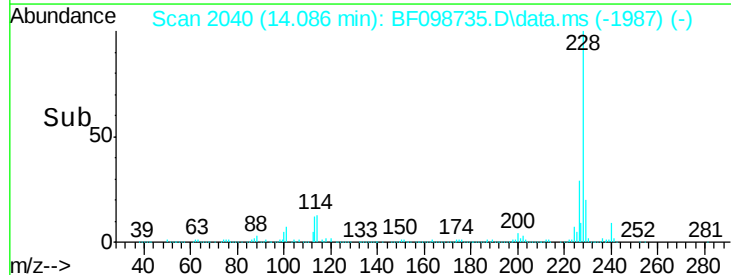
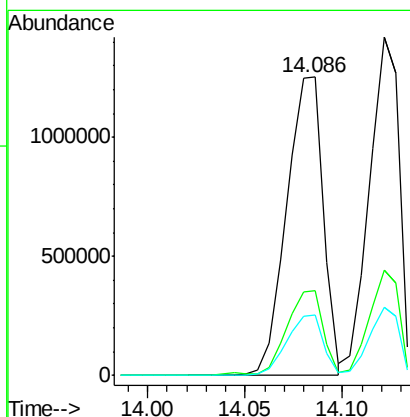
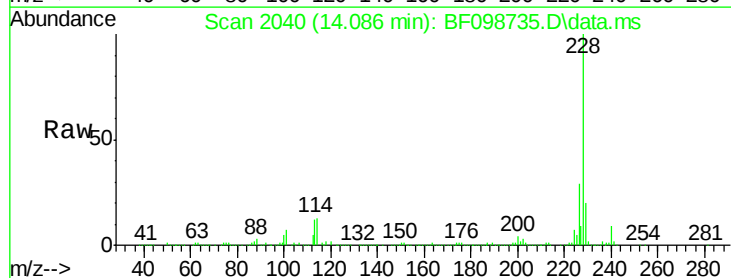
Instrument :
BNA_F
ClientSampleID :

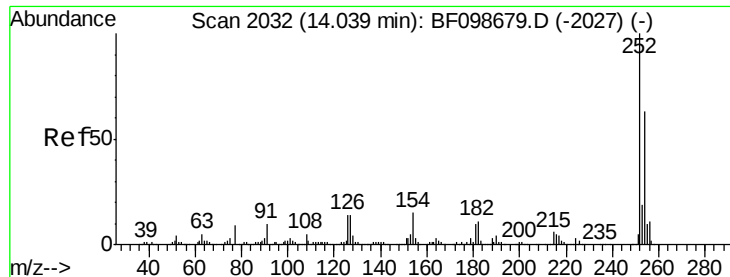
Tot Ion:149 Resp: 1028110
Ion Ratio Lower Upper
149 100
91 71.3 56.8 85.2
206 18.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 74.83 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.011 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:228 Resp: 1622217
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 72.11 ng

RT: 14.045 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Instrument :

BNA_F

ClientSampleId :

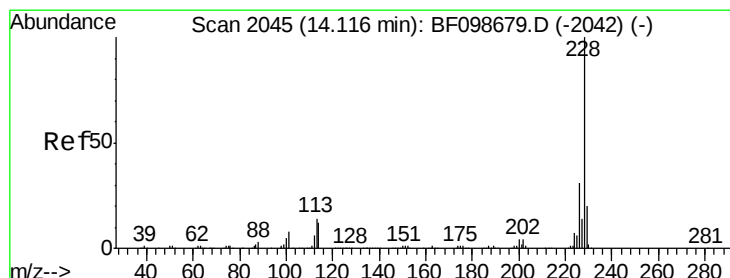
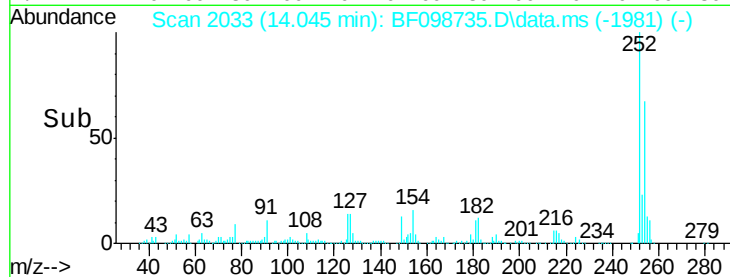
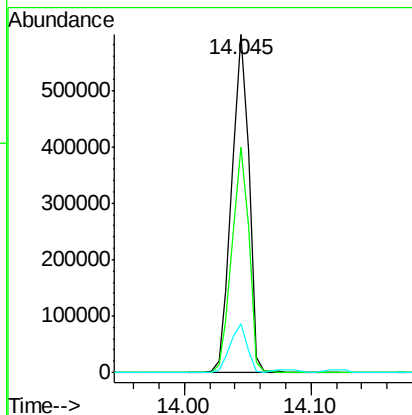
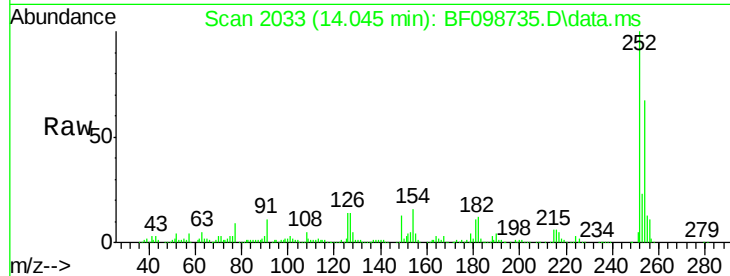
Tot Ion:252 Resp: 557849

Ion Ratio Lower Upper

252 100

254 66.5 50.4 75.6

126 14.5 11.3 16.9



#82

Chrysene

Concen: 72.28 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

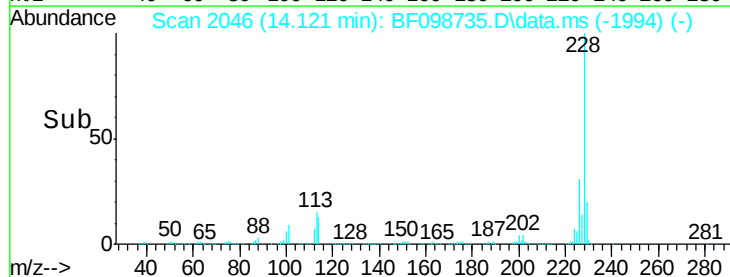
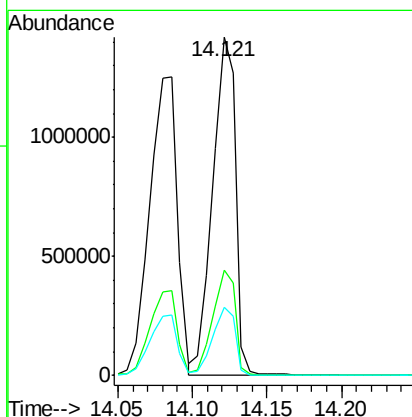
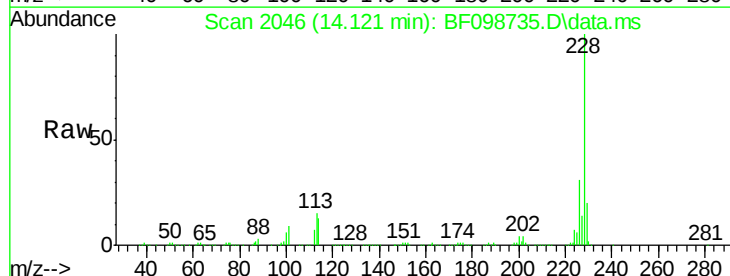
Tgt Ion:228 Resp: 1513129

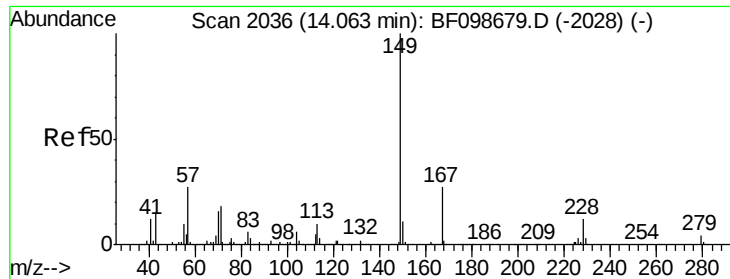
Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 84.88 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

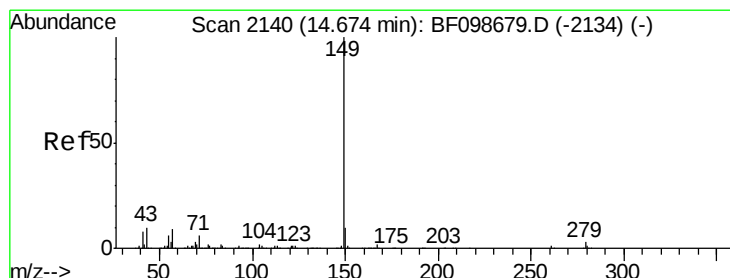
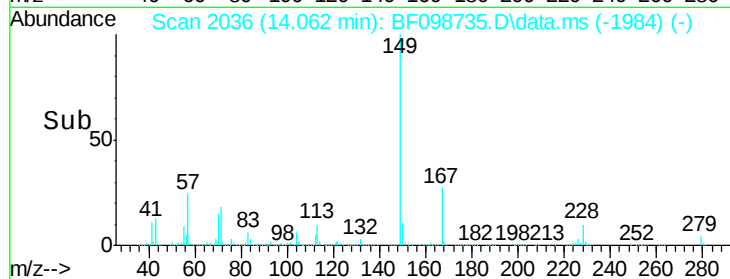
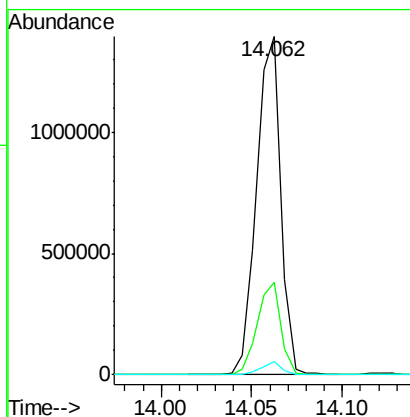
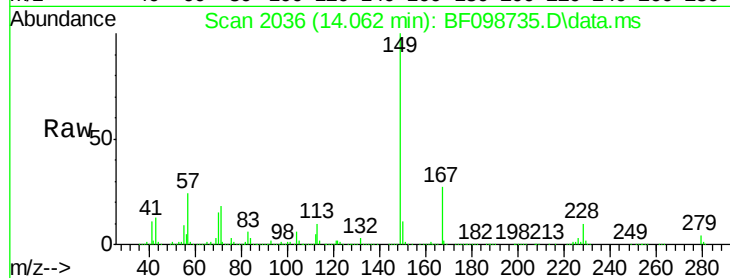
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1297810

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.7	3.0	4.4



#84

Di-n-octyl phthalate

Concen: 91.84 ng

RT: 14.674 min Scan# 2140

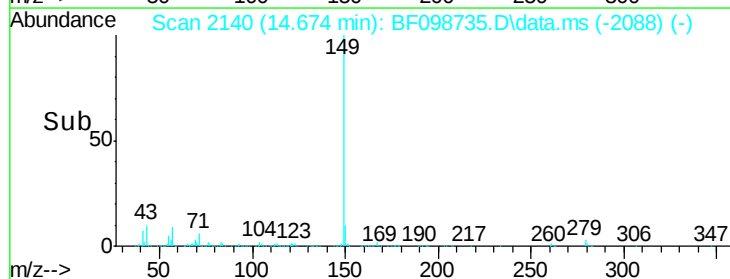
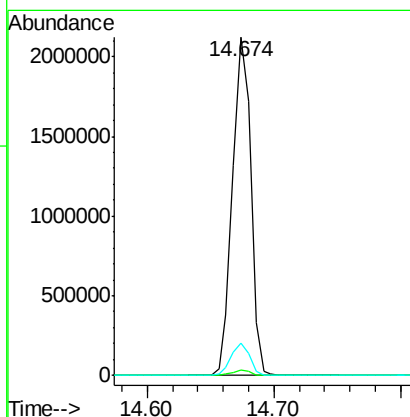
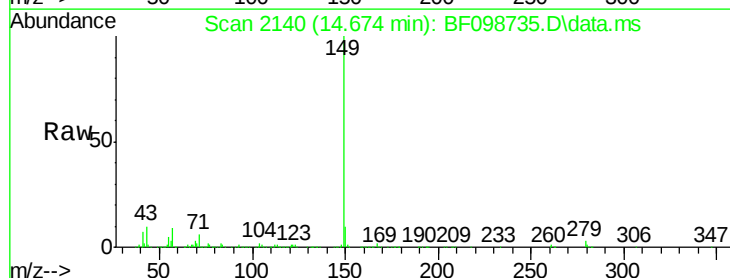
Delta R.T. 0.006 min

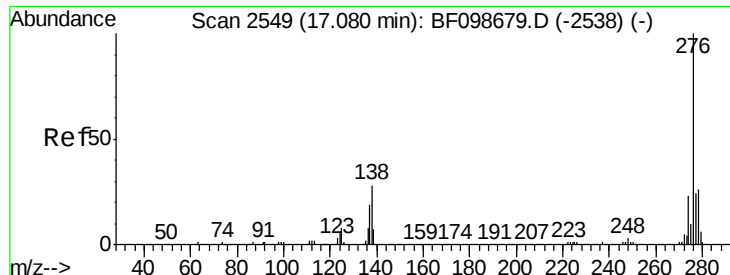
Lab File: BF098735.D

Acq: 23 Sep 2017 13:18

Tgt Ion:149 Resp: 2108796

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.4	12.6

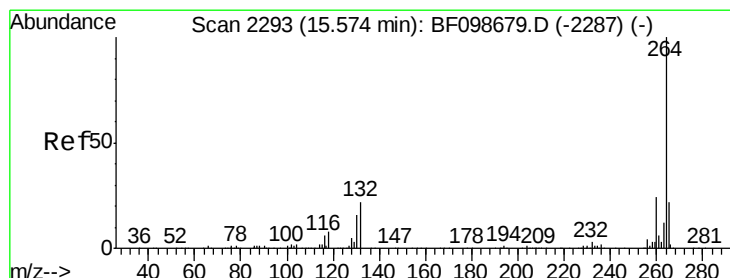
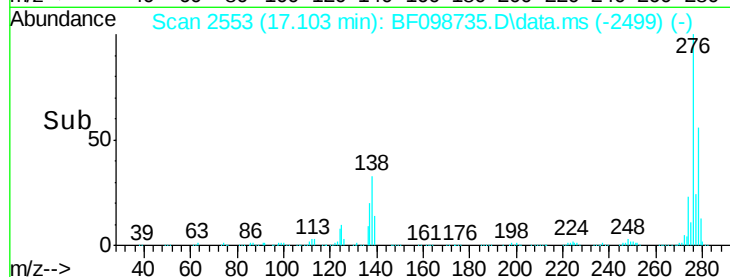
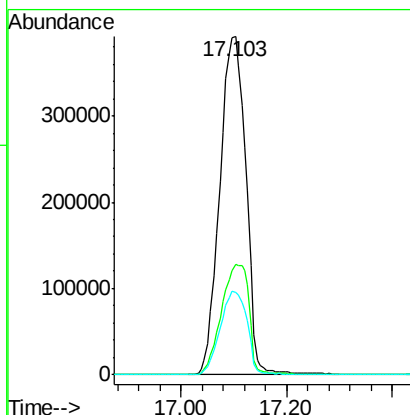
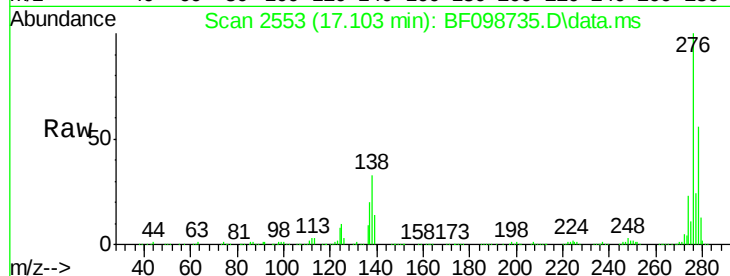




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 83.05 ng
 RT: 17.103 min Scan# 2549
 Delta R.T. 0.017 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

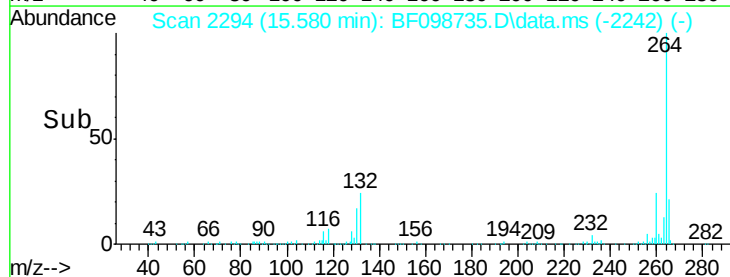
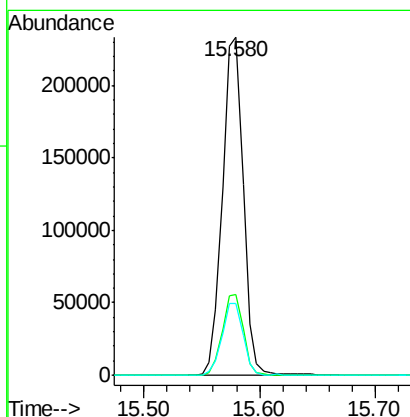
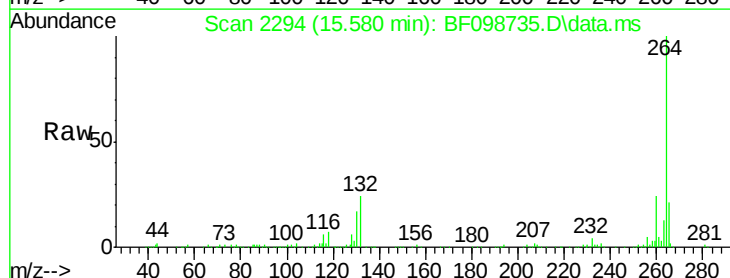
Instrument :
 BNA_F
 ClientSampleId :

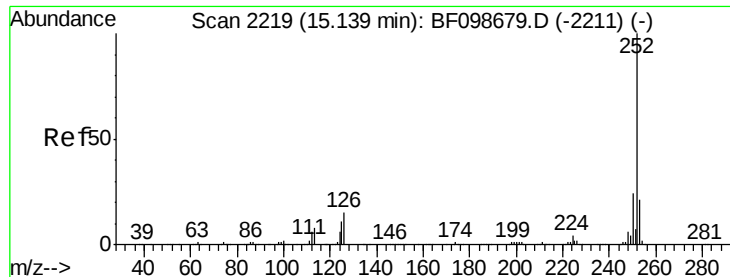
Tot Ion:276 Resp: 1348654
 Ion Ratio Lower Upper
 276 100
 138 34.5 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.006 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Tgt Ion:264 Resp: 293072
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.1 17.5 26.3

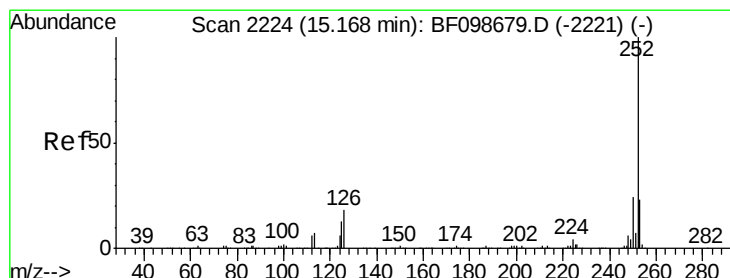
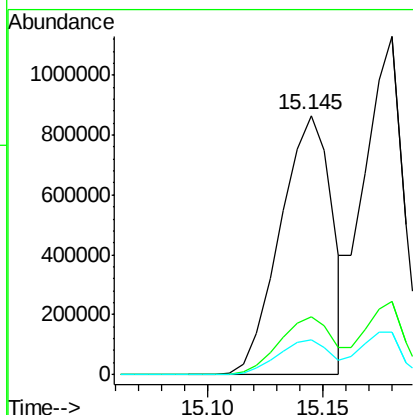
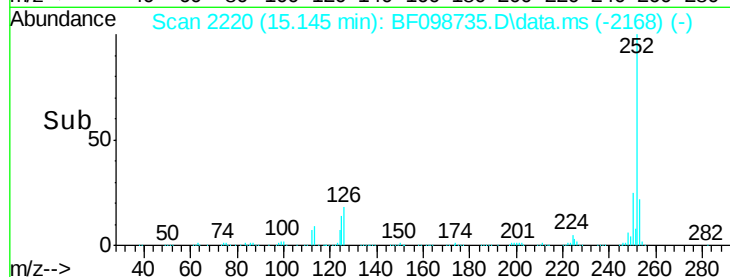
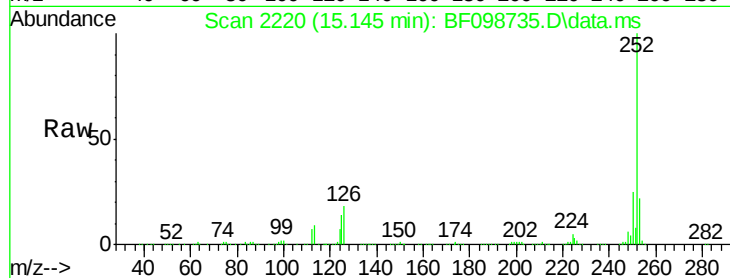




#87
Benzo(b)fluoranthene
Concen: 79.23 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

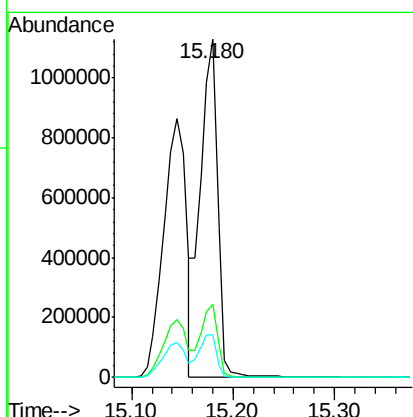
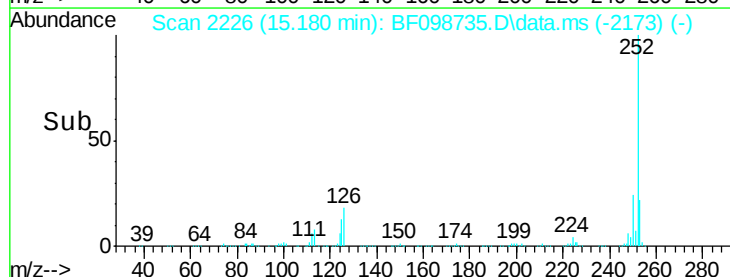
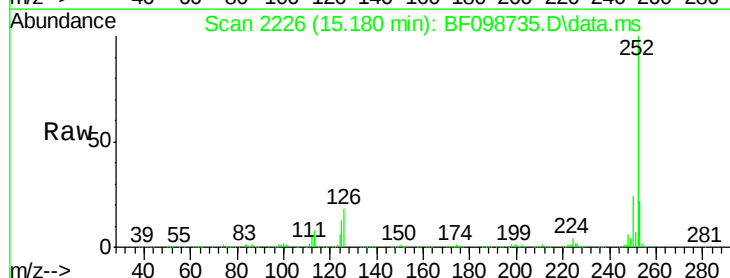
Instrument :
BNA_F
ClientSampled :

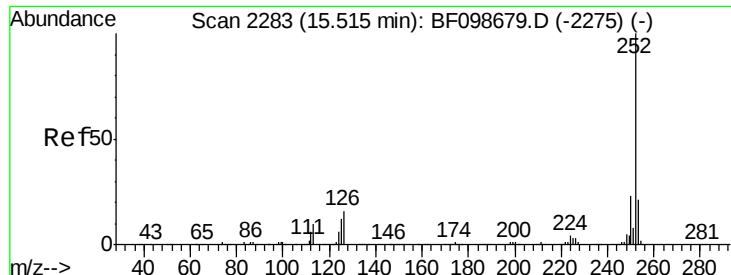
Tot Ion:252 Resp: 1346664
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 79.03 ng
RT: 15.180 min Scan# 2226
Delta R.T. 0.011 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:252 Resp: 1342274
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.6 10.2 15.2

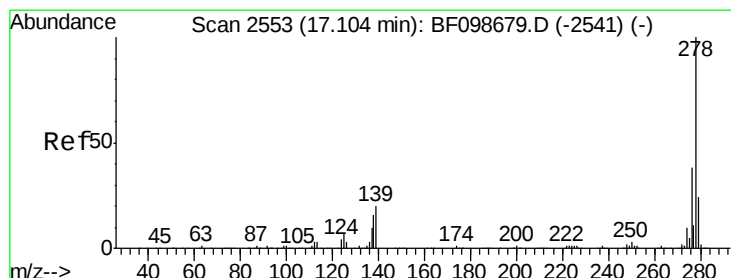
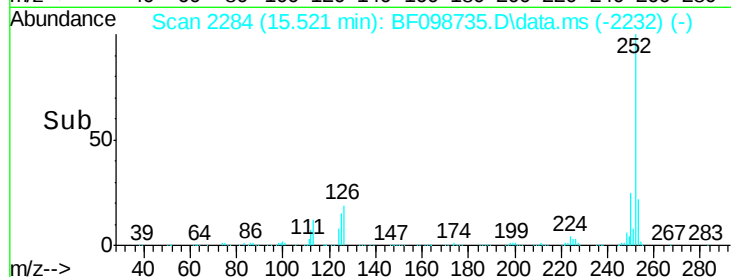
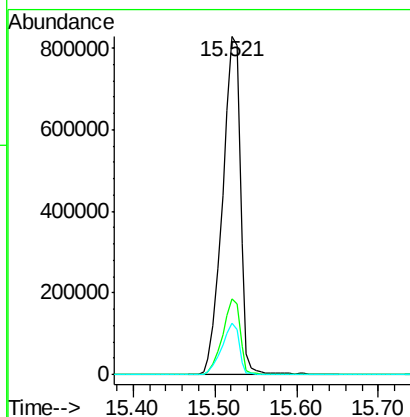
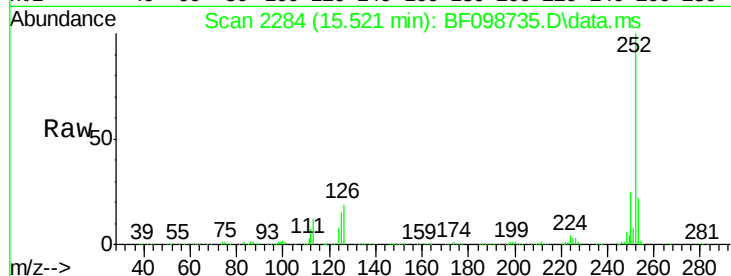




#89
Benzo(a)pyrene
Concen: 81.95 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

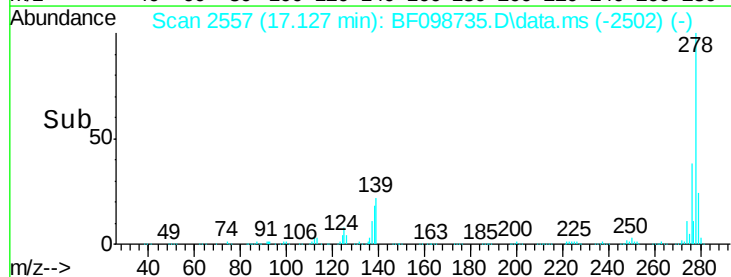
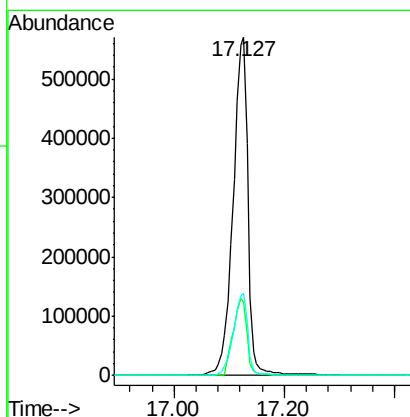
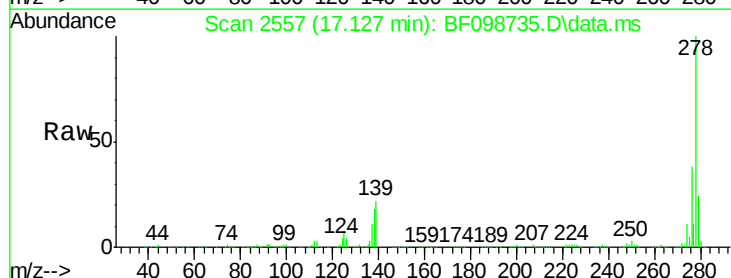
Instrument :
BNA_F
ClientSampleId :

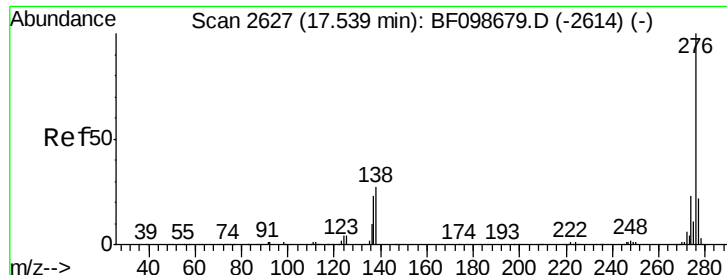
Tot Ion:252 Resp: 1264892
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 15.1 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 82.89 ng
RT: 17.127 min Scan# 2557
Delta R.T. 0.023 min
Lab File: BF098735.D
Acq: 23 Sep 2017 13:18

Tgt Ion:278 Resp: 1082147
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: 84.89 ng
 RT: 17.568 min Scan# 26
 Delta R.T. 0.023 min
 Lab File: BF098735.D
 Acq: 23 Sep 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 1114003
 Ion Ratio Lower Upper
 276 100
 277 23.6 17.9 26.9
 138 29.9 21.8 32.8

