

Data Path : Z:\HPCHEM1\BNA F\Data\BF092317\
 Data File : BF098732.D
 Acq On : 23 Sep 2017 11:54
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 12:58:09 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	161260	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	677750	20.00	ng	0.00
38) Acenaphthene-d10	9.963	164	306396	20.00	ng	0.00
63) Phenanthrene-d10	11.445	188	550721	20.00	ng	0.00
75) Chrysene-d12	14.086	240	396837	20.00	ng	0.00
86) Perylene-d12	15.574	264	312303	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.540	112	813862	76.64	ng	0.00
7) Phenol-d6	6.545	99	1004933	78.15	ng	0.00
23) Nitrobenzene-d5	7.487	82	850781	85.15	ng	0.00
41) 2,4,6-Tribromophenol	10.751	330	206729	73.78	ng	0.00
44) 2-Fluorobiphenyl	9.281	172	1471761	76.44	ng	0.00
78) Terphenyl-d14	13.033	244	1371513	74.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.757	88	196934	39.26	ng	98
3) Pyridine	3.528	79	513359	38.51	ng	100
4) n-Nitrosodimethylamine	3.487	42	222718	38.13	ng	93
6) Aniline	6.587	93	670172	39.34	ng	99
8) 2-Chlorophenol	6.710	128	453531	39.32	ng	96
9) Benzaldehyde	6.475	77	283017	39.24	ng	99
10) Phenol	6.557	94	552579	38.93	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	429538	39.28	ng	99
12) 1,3-Dichlorobenzene	6.863	146	473985	38.90	ng	100
13) 1,4-Dichlorobenzene	6.940	146	479738	38.90	ng	99
14) 1,2-Dichlorobenzene	7.092	146	448850	39.03	ng	99
15) Benzyl Alcohol	7.063	79	365671	39.41	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	658174	37.77	ng	99
17) 2-Methylphenol	7.163	107	371021	39.47	ng	99
18) Hexachloroethane	7.440	117	172146	40.55	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	304183	38.18	ng	99
20) 3+4-Methylphenols	7.322	107	473492	39.07	ng	92
22) Acetophenone	7.334	105	635223	37.89	ng	# 96
24) Nitrobenzene	7.504	77	477218	41.35	ng	99
25) Isophorone	7.745	82	846646	38.85	ng	100
26) 2-Nitrophenol	7.822	139	238363	50.82	ng	92
27) 2,4-Dimethylphenol	7.851	122	425555	39.77	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	526841	38.85	ng	100
29) 2,4-Dichlorophenol	8.057	162	369818	40.17	ng	97
30) 1,2,4-Trichlorobenzene	8.145	180	368332	39.67	ng	100
31) Naphthalene	8.228	128	1233893	38.36	ng	99
32) Benzoic acid	7.975	122	369525	64.62	ng	99
33) 4-Chloroaniline	8.275	127	524102	39.19	ng	97
34) Hexachlorobutadiene	8.339	225	186437	37.27	ng	99
35) Caprolactam	8.651	113	115482	40.23	ng	99
36) 4-Chloro-3-methylphenol	8.745	107	414356	39.43	ng	98
37) 2-Methylnaphthalene	8.916	142	806922	39.07	ng	99
39) 1,2,4,5-Tetrachloroben...	9.081	216	358346	39.55	ng	100
40) Hexachlorocyclopentadiene	9.069	237	171260	43.49	ng	97

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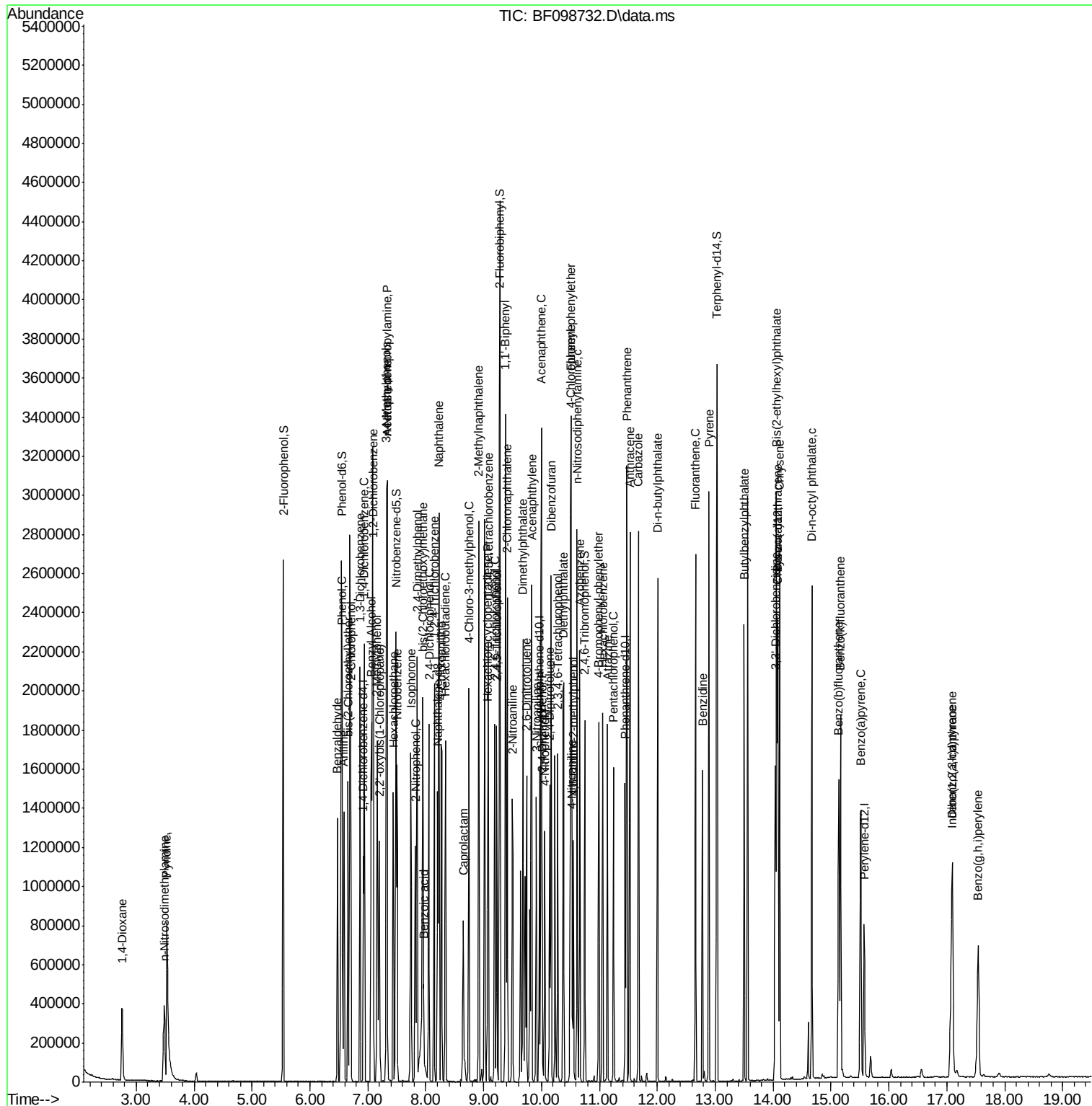
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.192	196	255971	41.92	nq	98
43) 2,4,5-Trichlorophenol	9.228	196	260956	41.67	nq	98
45) 1,1'-Biphenyl	9.381	154	1036589	39.38	nq	100
46) 2-Chloronaphthalene	9.410	162	775971	39.31	nq	98
47) 2-Nitroaniline	9.498	65	247823	44.72	nq	95
48) Acenaphthylene	9.828	152	1187674	39.12	nq	100
49) Dimethylphthalate	9.681	163	899933	39.17	nq	99
50) 2,6-Dinitrotoluene	9.739	165	206182	45.47	nq	96
51) Acenaphthene	9.998	154	752676	39.94	nq	99
52) 3-Nitroaniline	9.910	138	243765	45.10	nq	99
53) 2,4-Dinitrophenol	10.010	184	94861	66.07	nq	# 85
54) Dibenzofuran	10.169	168	1001828	38.93	nq	99
55) 4-Nitrophenol	10.057	139	203828	43.34	nq	98
56) 2,4-Dinitrotoluene	10.145	165	269394	44.23	nq	93
57) Fluorene	10.510	166	796746	38.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.281	232	179183	40.22	nq	98
59) Diethylphthalate	10.381	149	886706	39.38	nq	98
60) 4-Chlorophenyl-phenyle...	10.498	204	360563	39.79	nq	99
61) 4-Nitroaniline	10.528	138	232679	44.89	nq	94
62) Azobenzene	10.663	77	814457	38.68	nq	95
64) 4,6-Dinitro-2-methylph...	10.551	198	134752	56.52	nq	94
65) n-Nitrosodiphenylamine	10.616	169	731884	38.61	nq	99
66) 4-Bromophenyl-phenylether	10.992	248	209626	37.70	nq	92
67) Hexachlorobenzene	11.057	284	222485	35.11	nq	97
68) Atrazine	11.139	200	224449	39.36	nq	98
69) Pentachlorophenol	11.245	266	147220	40.65	nq	99
70) Phenanthrene	11.475	178	1124449	37.64	nq	99
71) Anthracene	11.527	178	1165863	38.27	nq	100
72) Carbazole	11.675	167	1148874	38.60	nq	100
73) Di-n-butylphthalate	12.004	149	1388541	40.16	nq	99
74) Fluoranthene	12.663	202	1142317	38.37	nq	98
76) Benzidine	12.780	184	578618	35.91	nq	99
77) Pyrene	12.892	202	1185960	40.25	nq	100
79) Butylbenzylphthalate	13.504	149	575414	47.21	nq	93
80) Benzo(a)anthracene	14.074	228	932284	39.00	nq	99
81) 3,3'-Dichlorobenzidine	14.039	252	349789	41.01	nq	98
82) Chrysene	14.116	228	889677	38.54	nq	99
83) Bis(2-ethylhexyl)phtha...	14.057	149	781947	46.38	nq	# 99
84) Di-n-octyl phthalate	14.668	149	1224209	48.35	nq	99
85) Indeno(1,2,3-cd)pyrene	17.086	276	663115	37.03	nq	96
87) Benzo(b)fluoranthene	15.139	252	779892	43.06	nq	99
88) Benzo(k)fluoranthene	15.168	252	745812	41.21	nq	99
89) Benzo(a)pyrene	15.515	252	698561	42.47	nq	98
90) Dibenzo(a,h)anthracene	17.104	278	545611	39.22	nq	98
91) Benzo(g,h,i)perylene	17.545	276	540991	38.69	nq	97

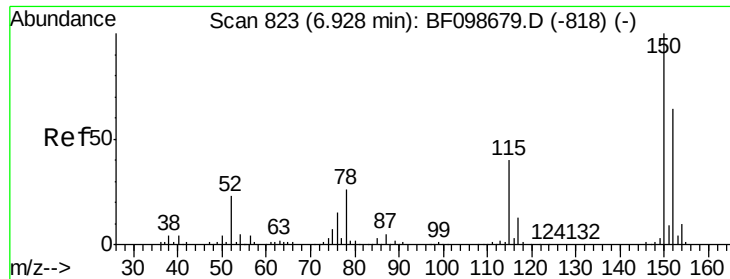
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.922 min Scan# 82

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

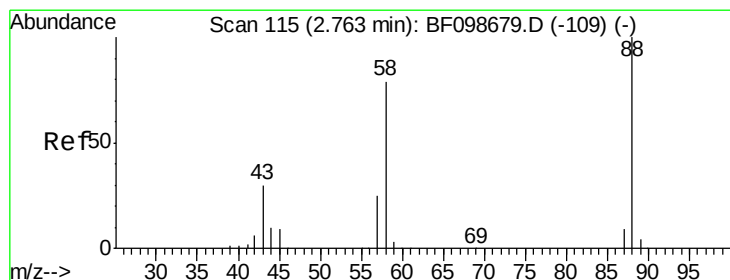
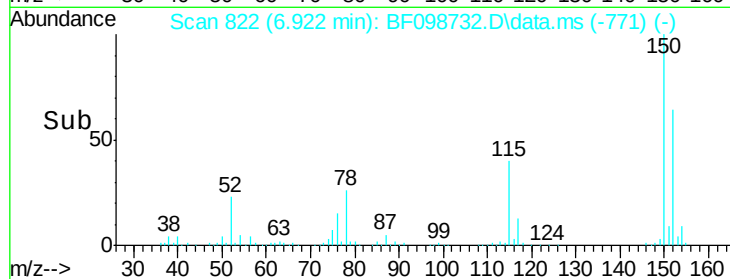
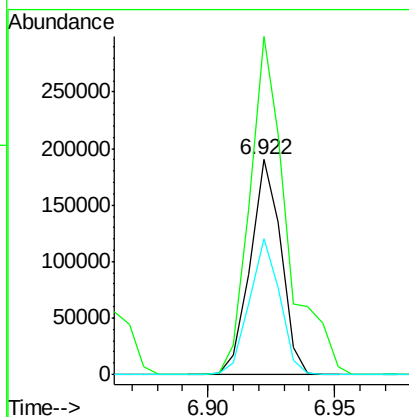
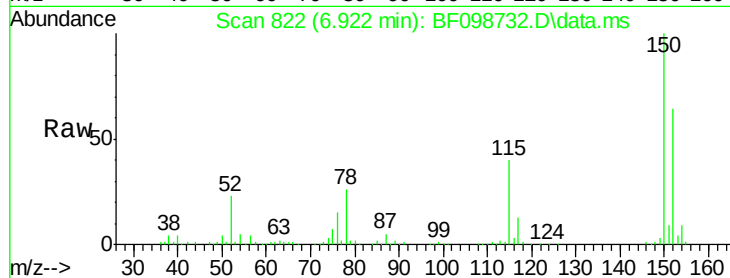
Tot Ion:152 Resp: 161260

Ion Ratio Lower Upper

152 100

150 157.5 124.6 186.8

115 63.4 50.1 75.1



#2

1,4-Dioxane

Concen: 39.26 ng

RT: 2.757 min Scan# 114

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

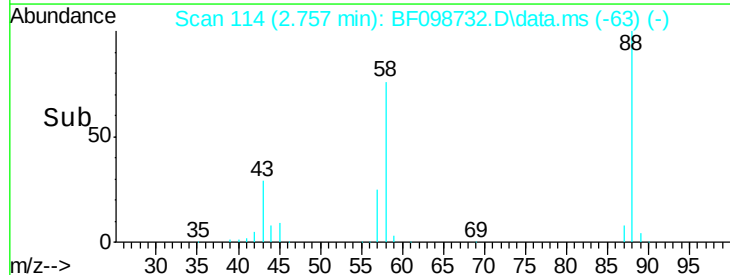
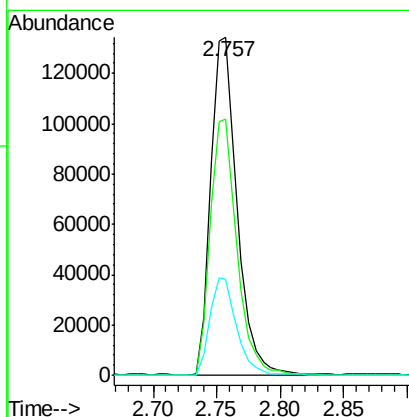
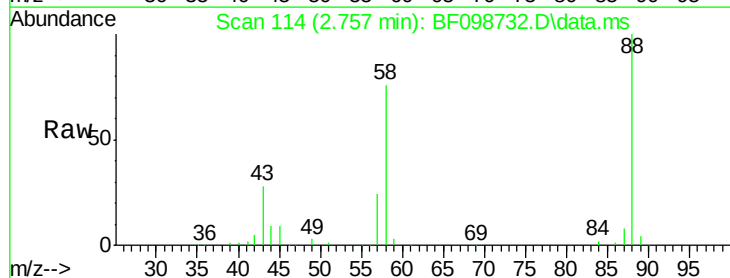
Tgt Ion: 88 Resp: 196934

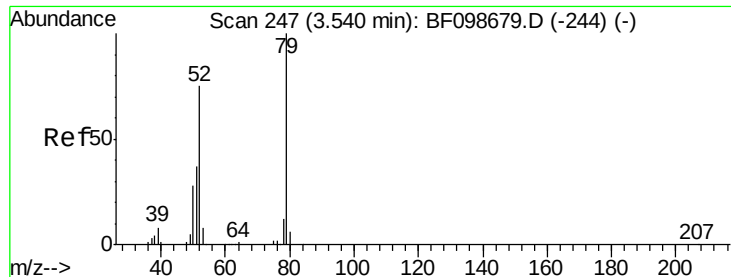
Ion Ratio Lower Upper

88 100

58 76.3 62.6 93.8

43 29.1 24.6 37.0





#3

Pvrindine

Concen: 38.51 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

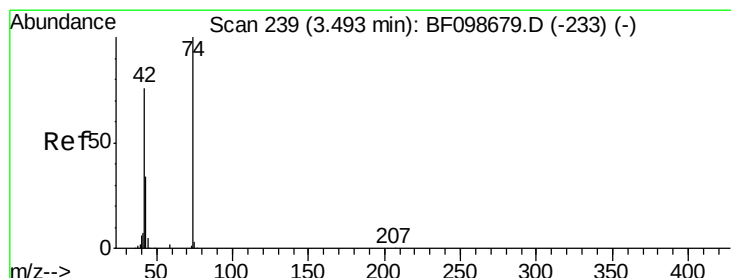
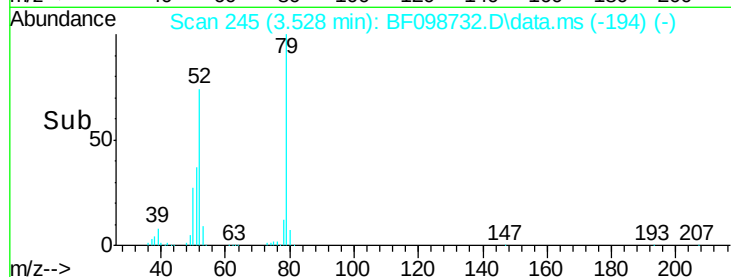
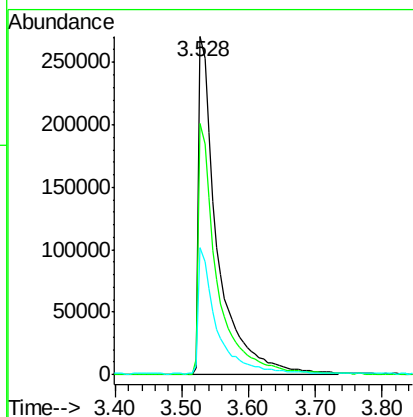
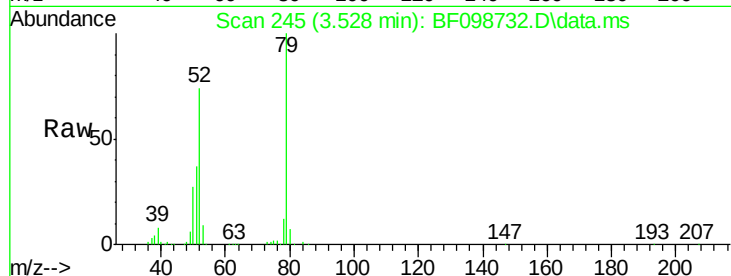
Tot Ion: 79 Resp: 513359

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

51 37.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.13 ng

RT: 3.487 min Scan# 238

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

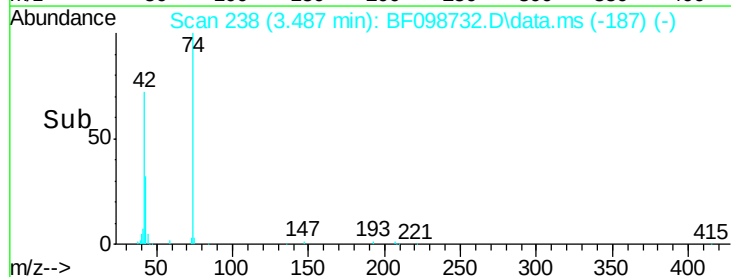
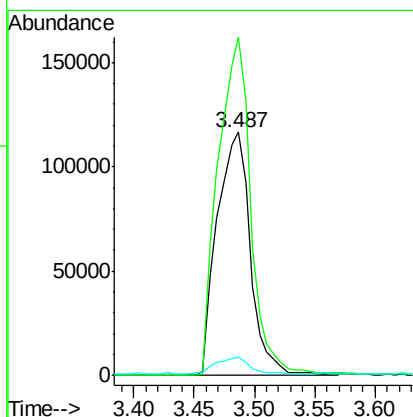
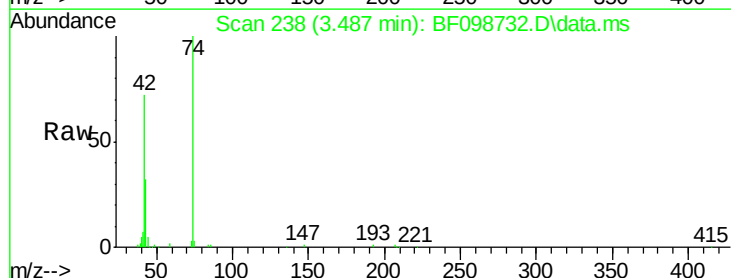
Tgt Ion: 42 Resp: 222718

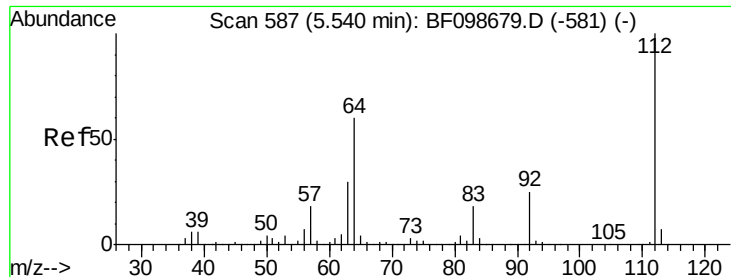
Ion Ratio Lower Upper

42 100

74 139.2 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 76.64 ng

RT: 5.540 min Scan# 58

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

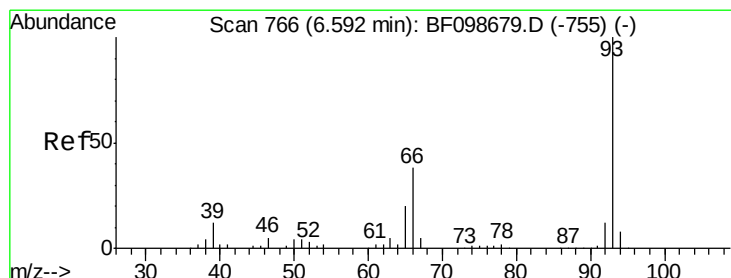
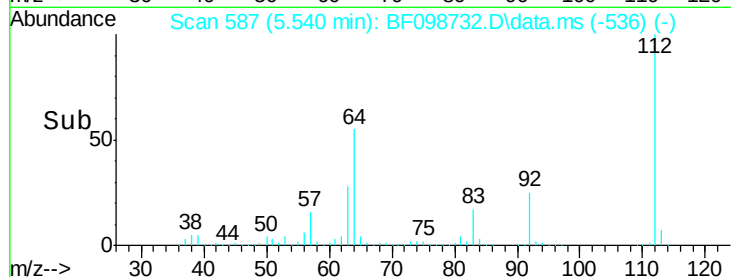
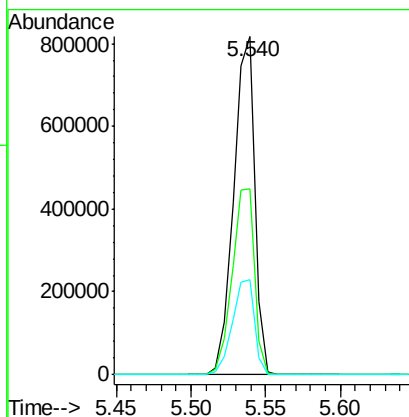
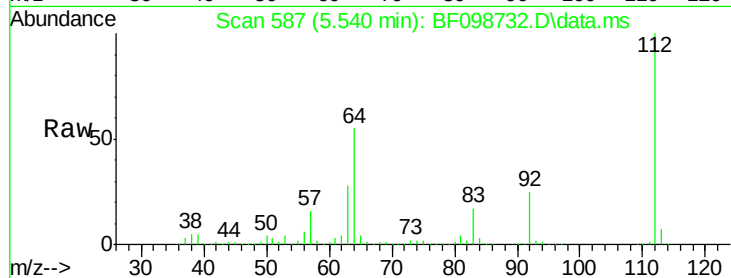
Tot Ion:112 Resp: 813862

Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

63 27.9 23.7 35.5



#6

Aniline

Concen: 39.34 ng

RT: 6.587 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

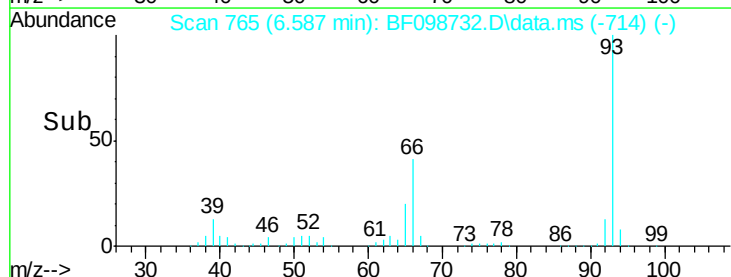
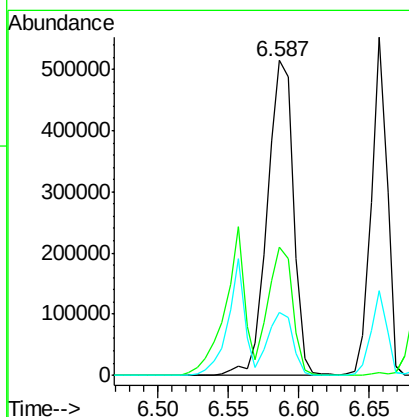
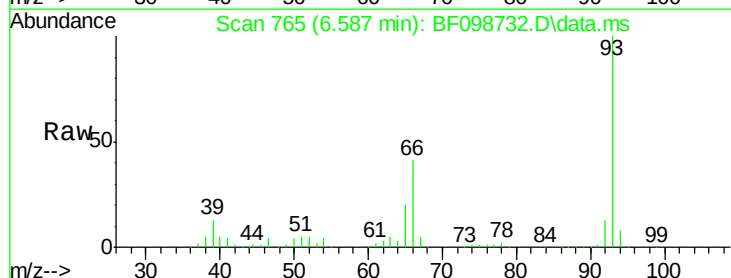
Tgt Ion: 93 Resp: 670172

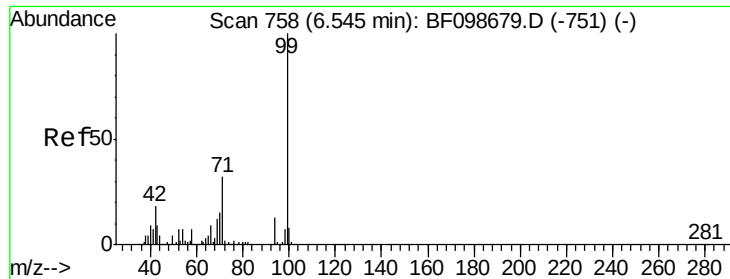
Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 78.15 ng

RT: 6.545 min Scan# 75

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

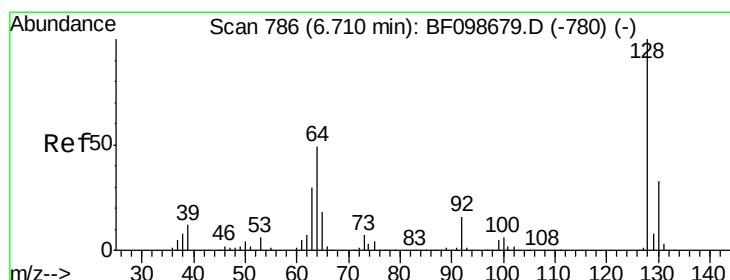
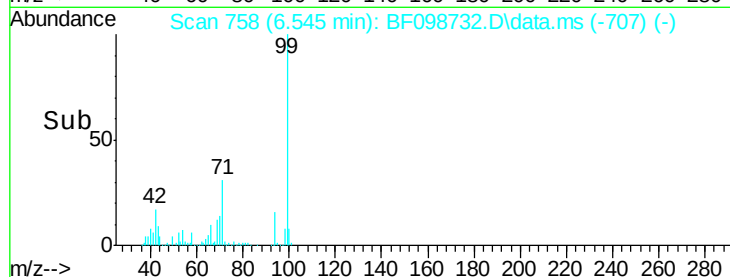
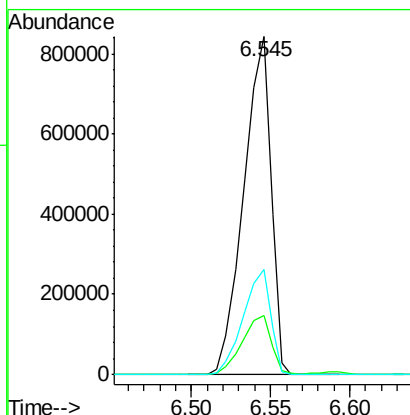
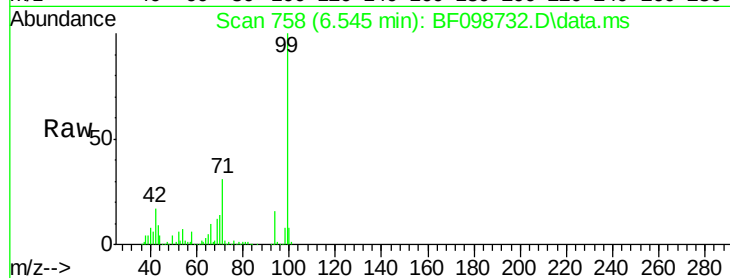
Tot Ion: 99 Resp: 1004933

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 31.3 25.4 38.0



#8

2-Chlorophenol

Concen: 39.32 ng

RT: 6.710 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

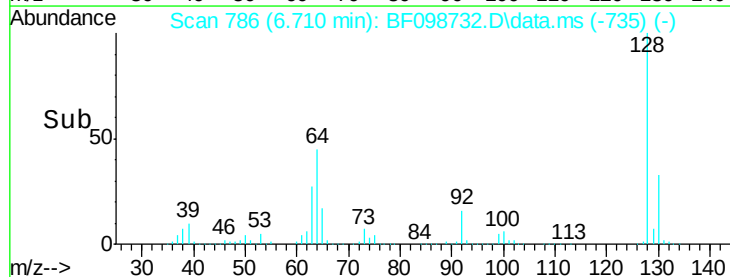
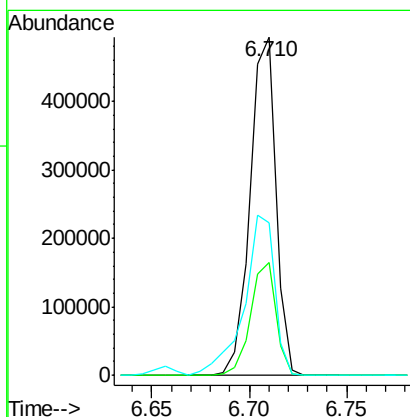
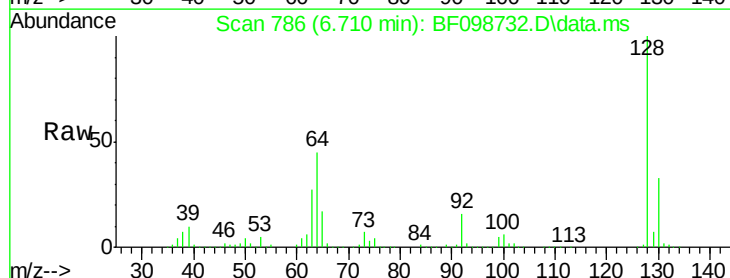
Tgt Ion: 128 Resp: 453531

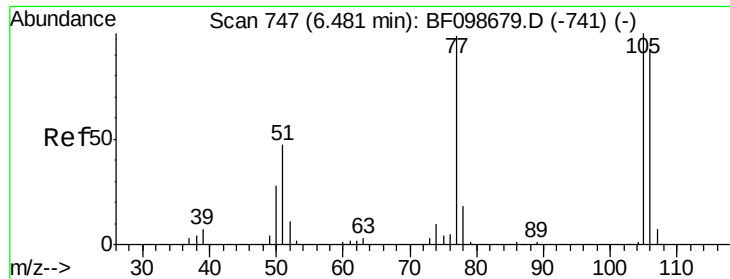
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 45.1 29.4 69.4

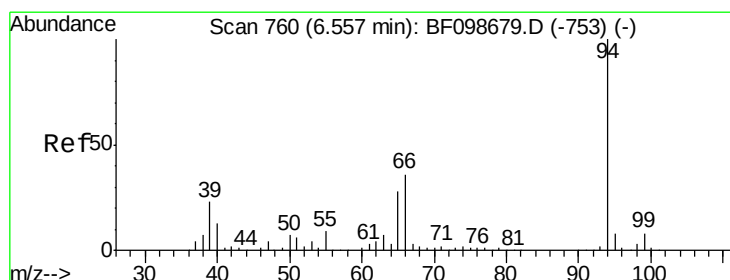
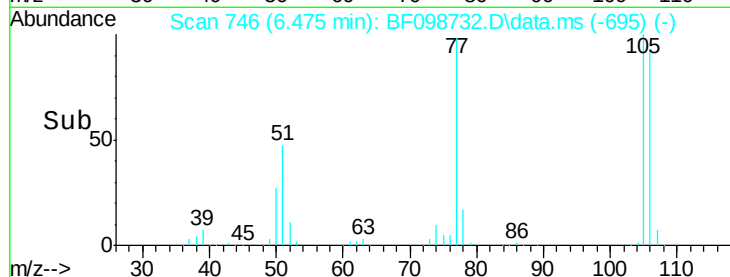
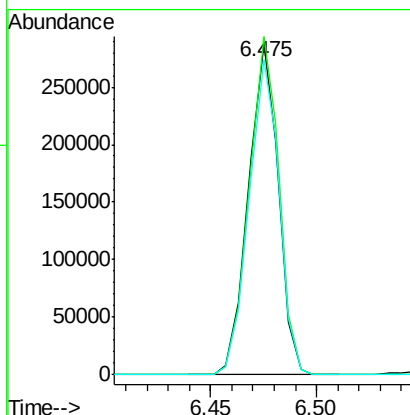
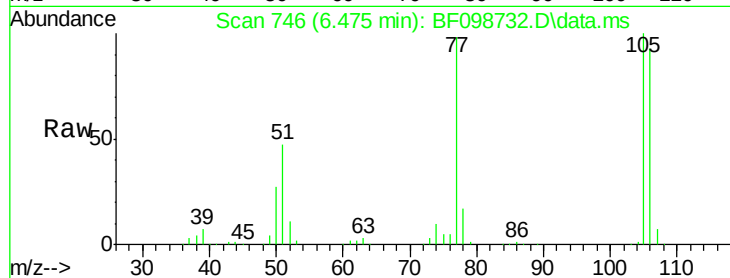




#9
Benzaldehyde
Concen: 39.24 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

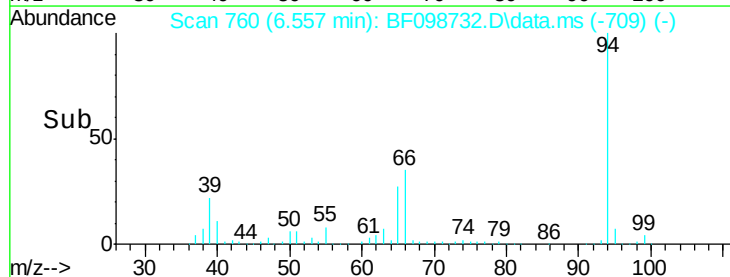
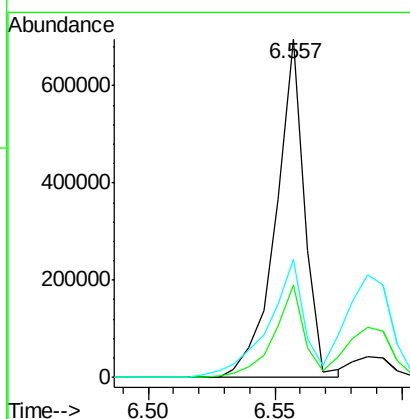
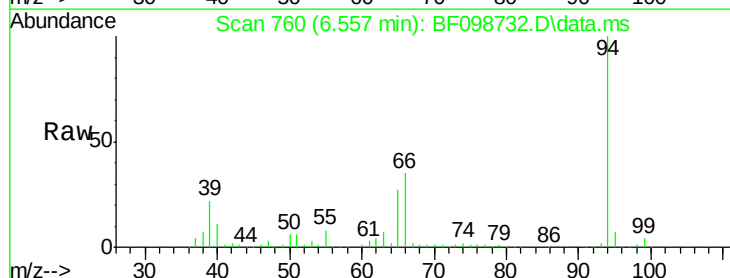
Instrument :
BNA_F
ClientSampleId :

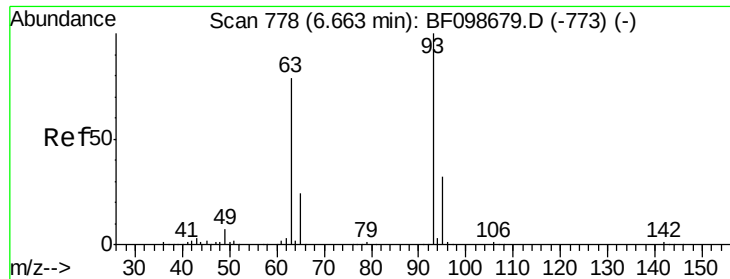
Tot Ion	Ratio	Lower	Upper
77	100		
105	102.5	81.1	121.1
106	95.5	74.5	114.5



#10
Phenol
Concen: 38.93 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	35.0	16.2	56.2

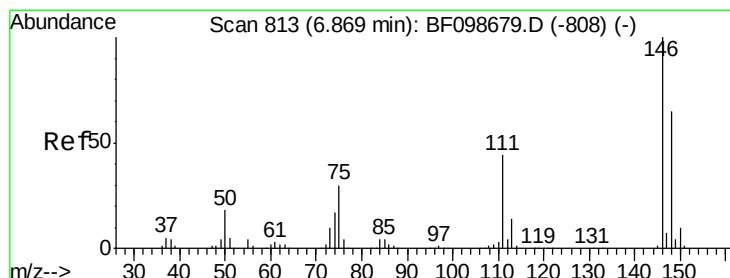
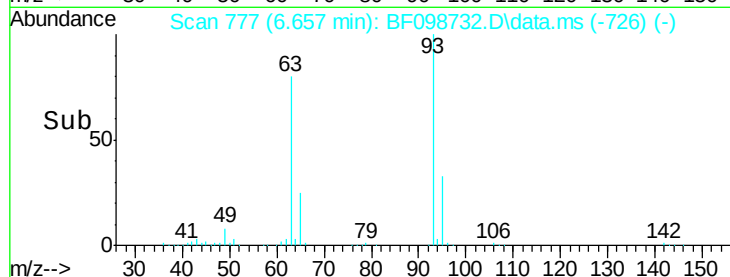
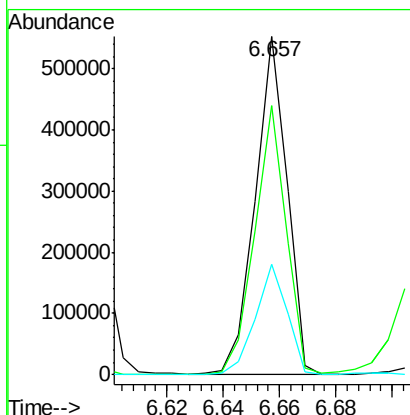
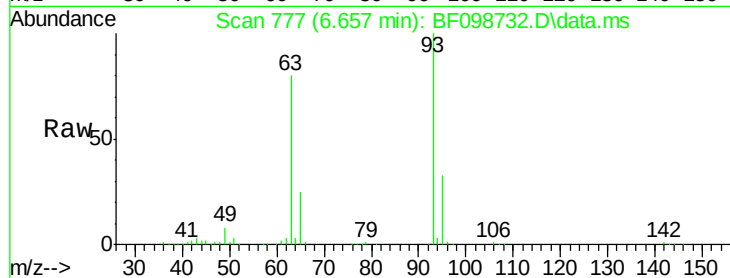




#11
bis(2-Chloroethyl)ether
Concen: 39.28 ng
RT: 6.657 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

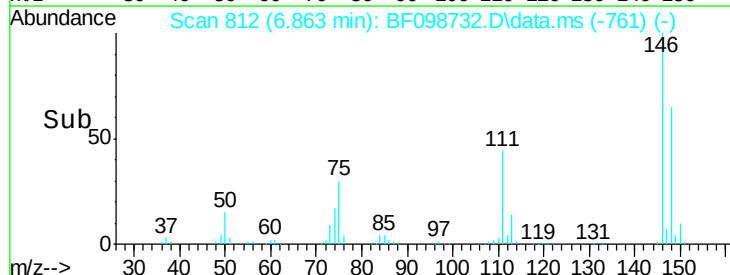
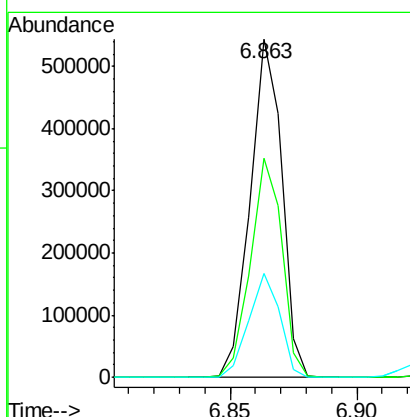
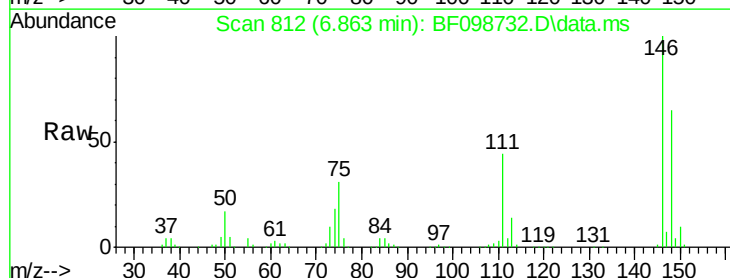
Instrument :
BNA_F
ClientSampleId :

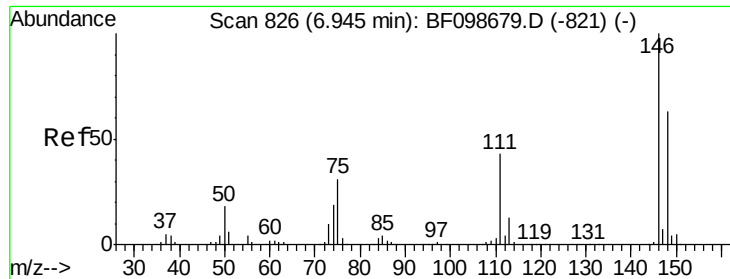
Tot Ion: 93 Resp: 429538
Ion Ratio Lower Upper
93 100
63 79.7 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.90 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion: 146 Resp: 473985
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 30.9 24.2 36.4

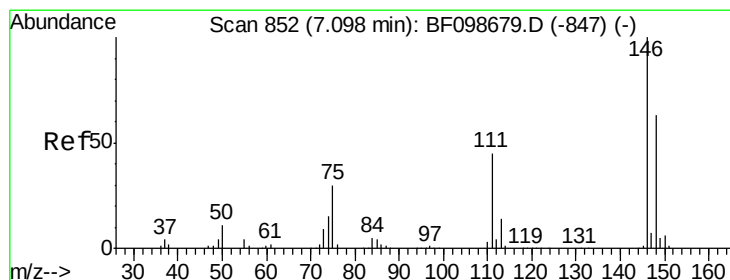
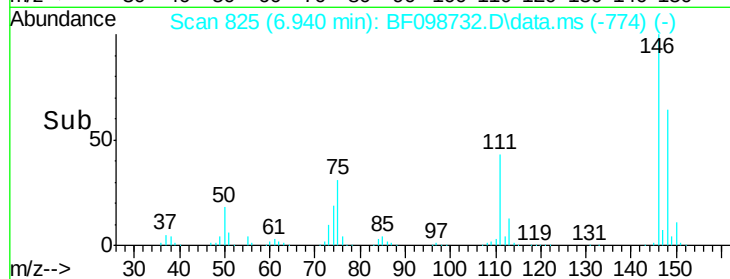
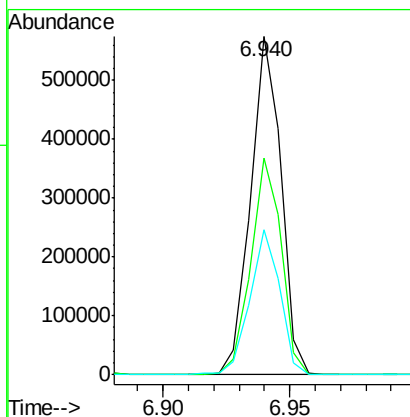
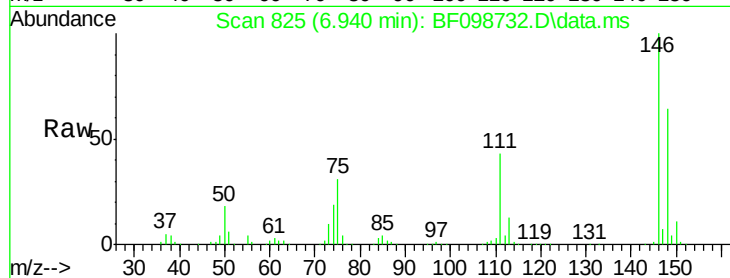




#13
1,4-Dichlorobenzene
Concen: 38.90 ng
RT: 6.940 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

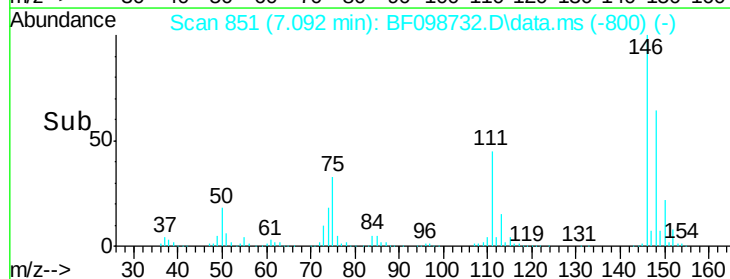
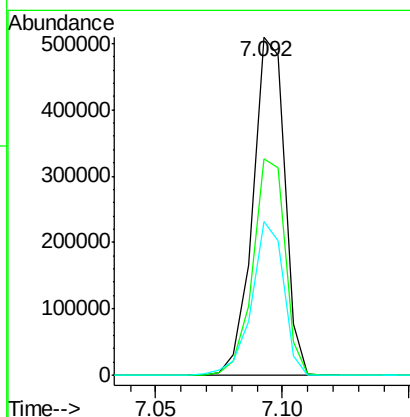
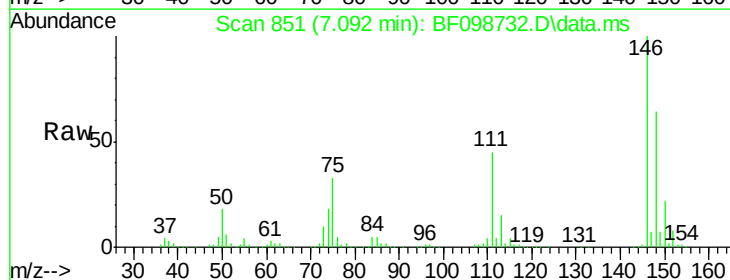
Instrument :
BNA_F
ClientSampleId :

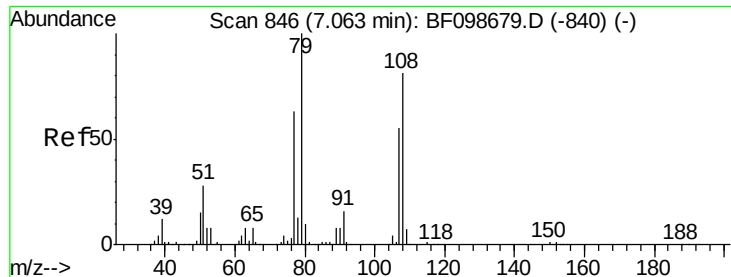
Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.2	50.8	76.2	
111	42.9	34.2	51.2	



#14
1,2-Dichlorobenzene
Concen: 39.03 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.9	50.6	75.8	
111	45.5	36.0	54.0	

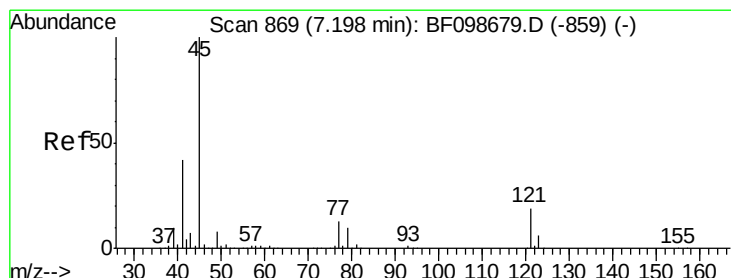
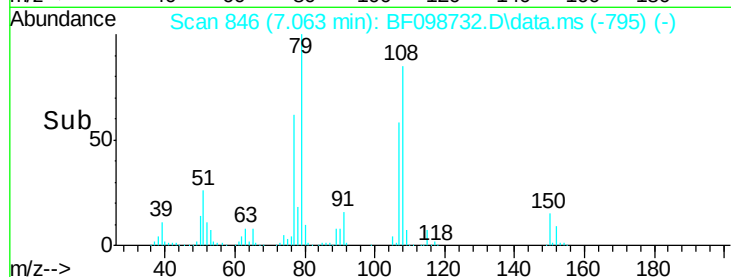
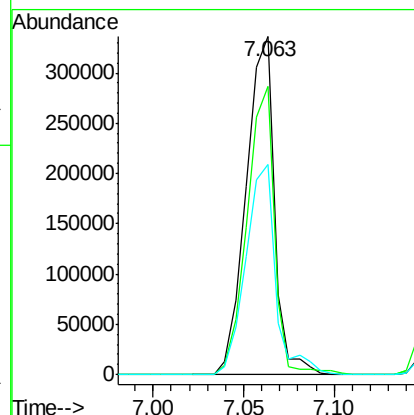
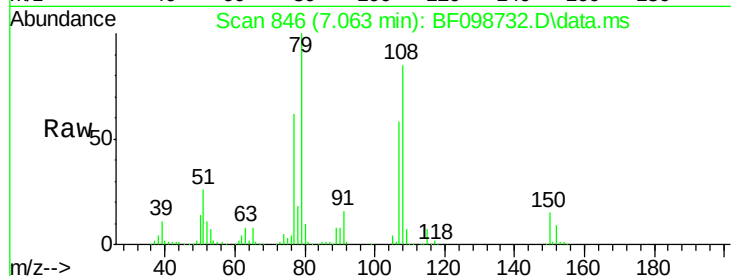




#15
Benzyl Alcohol
Concen: 39.41 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

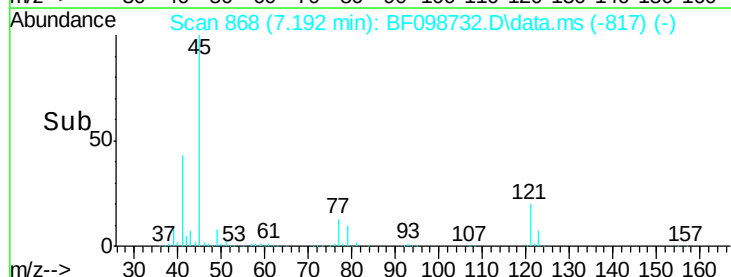
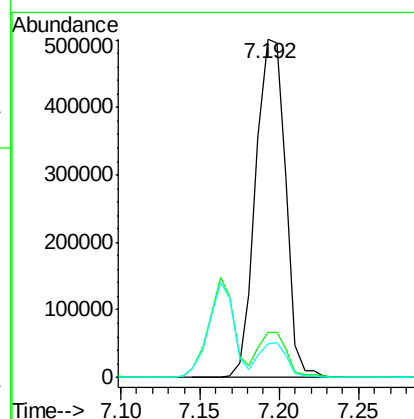
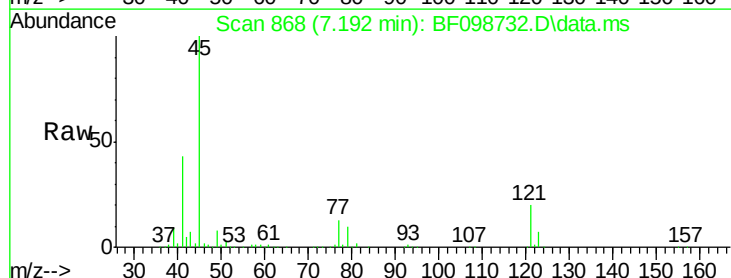
Instrument :
BNA_F
ClientSampleId :

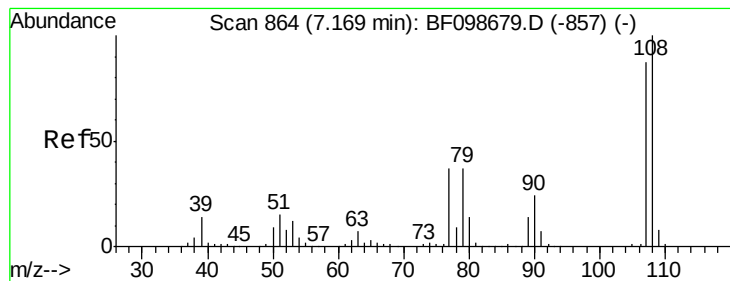
Tot Ion: 79 Resp: 365671
Ion Ratio Lower Upper
79 100
108 85.2 65.1 97.7
77 62.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.77 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion: 45 Resp: 658174
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.9
79 9.8 0.0 29.6





#17

2-Methylphenol

Concen: 39.47 ng

RT: 7.163 min Scan# 86

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 371021

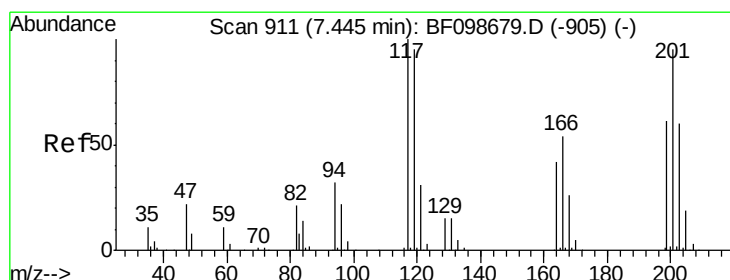
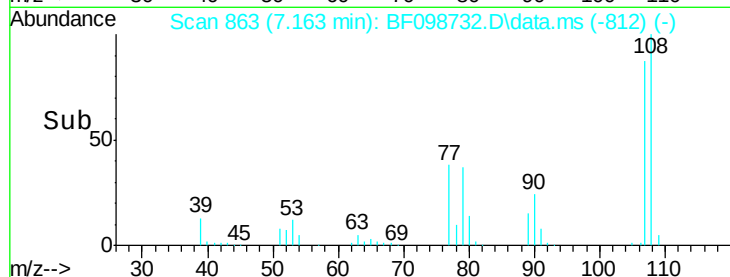
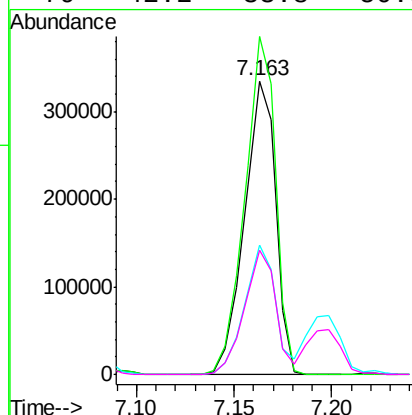
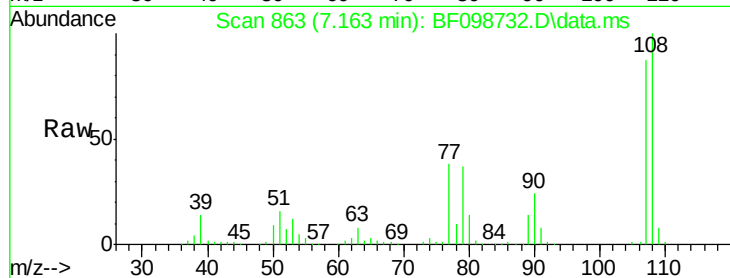
Ion Ratio Lower Upper

107 100

108 115.2 91.7 137.5

77 44.2 33.8 50.8

79 42.2 33.8 50.8



#18

Hexachloroethane

Concen: 40.55 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

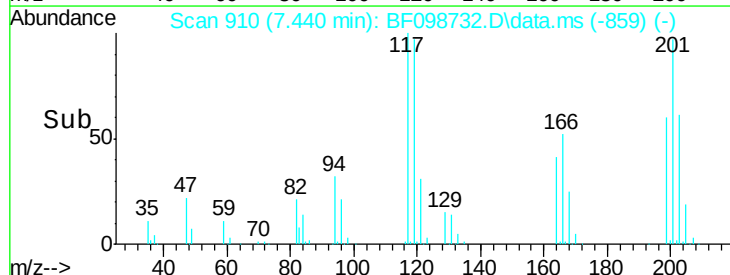
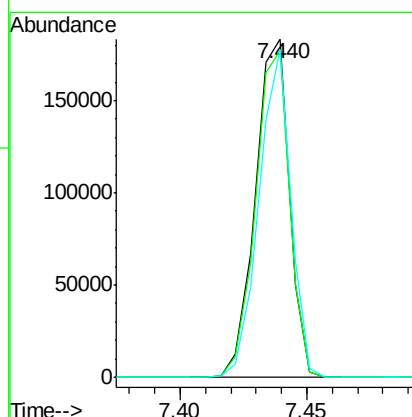
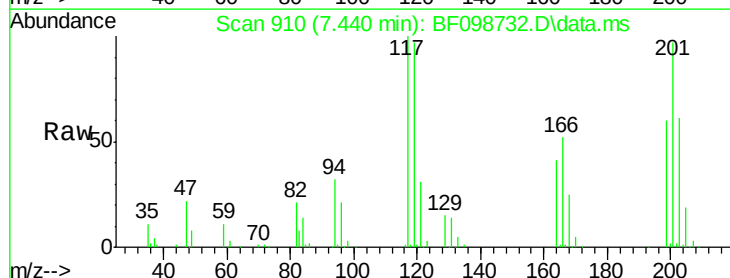
Tgt Ion:117 Resp: 172146

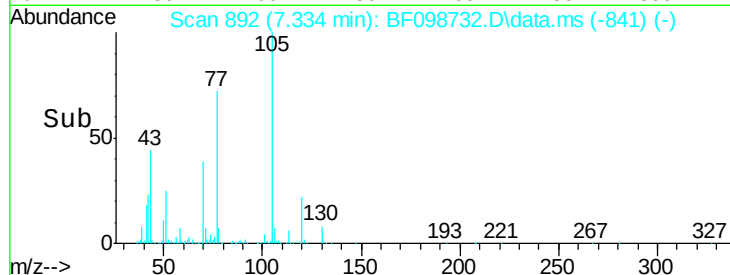
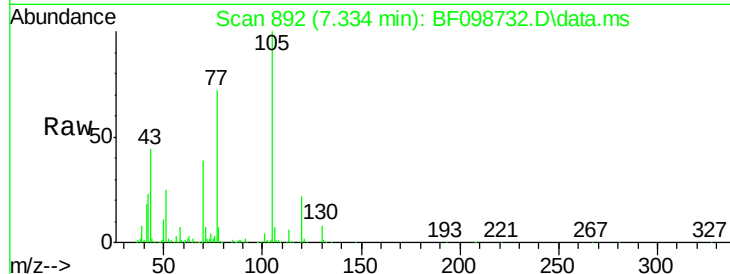
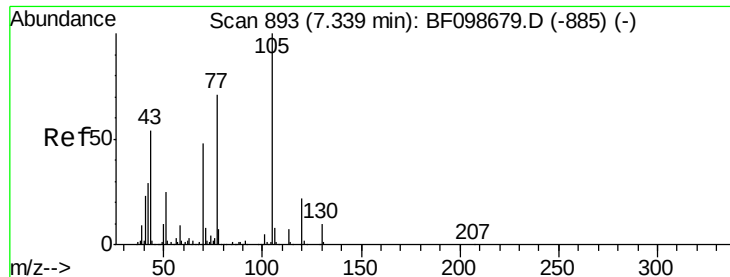
Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

201 96.9 75.7 113.5

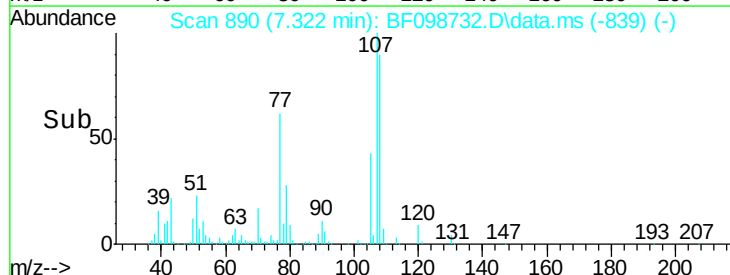
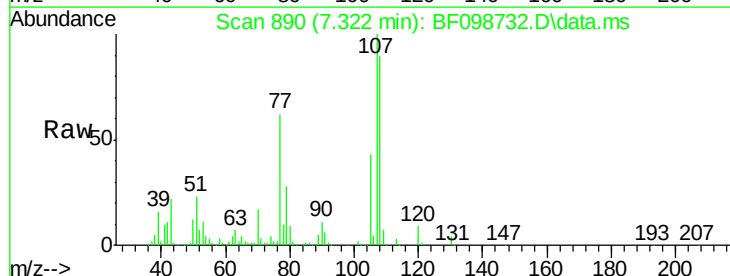
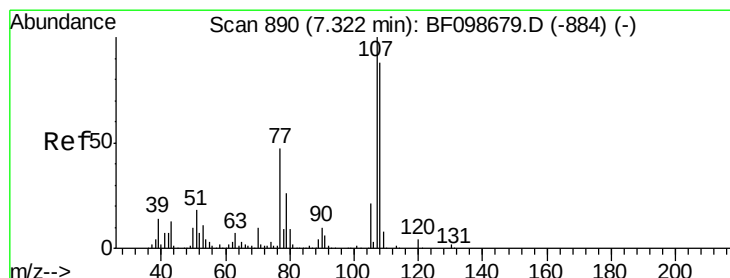
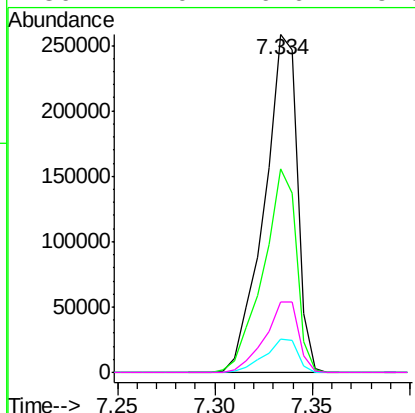




#19
n-Nitroso-di-n-propylamine
Concen: 38.18 ng
RT: 7.334 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

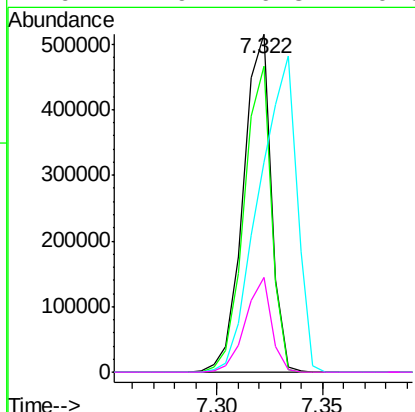
Instrument :
BNA_F
ClientSampled :

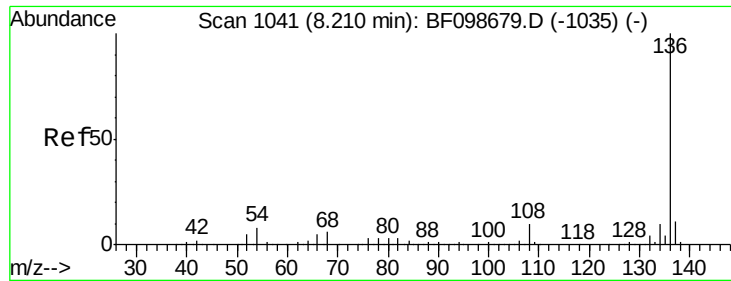
Tot Ion:	70	Resp:	304183
Ion Ratio	Lower	Upper	
70	100		
42	60.2	47.5	71.3
101	9.9	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.07 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion:	107	Resp:	473492
Ion Ratio	Lower	Upper	
107	100		
108	90.4	68.2	108.2
77	62.0	26.7	66.7
79	27.9	6.3	46.3

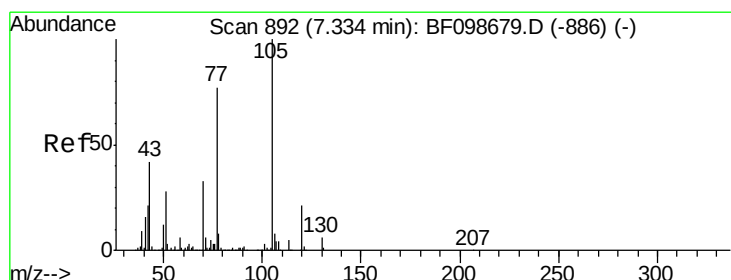
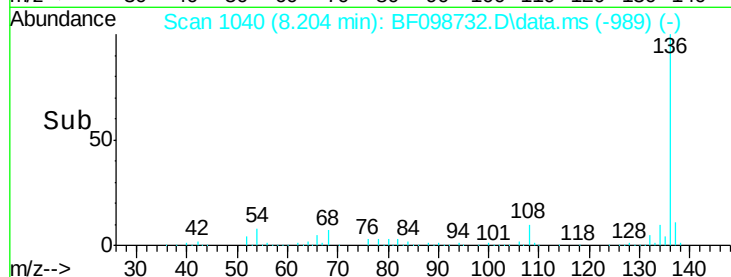
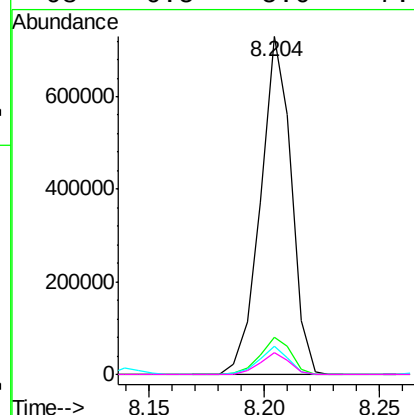
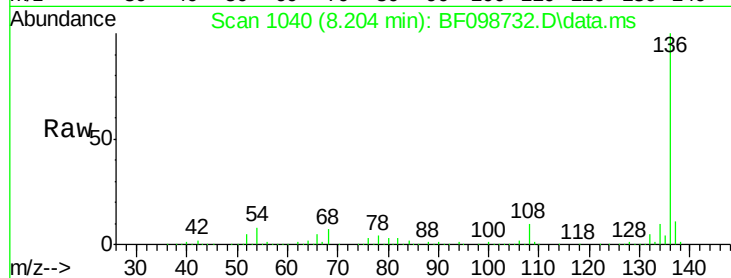




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

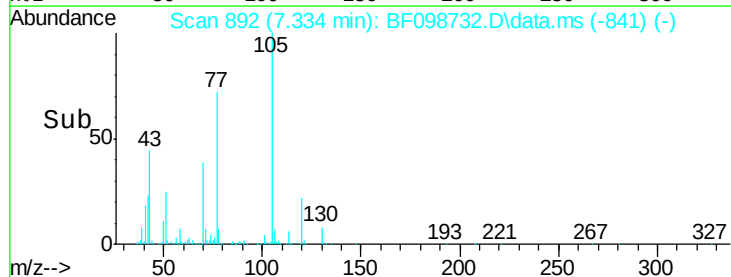
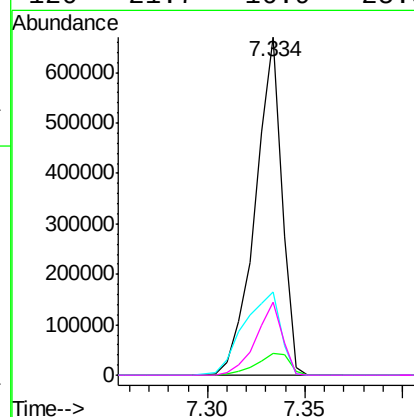
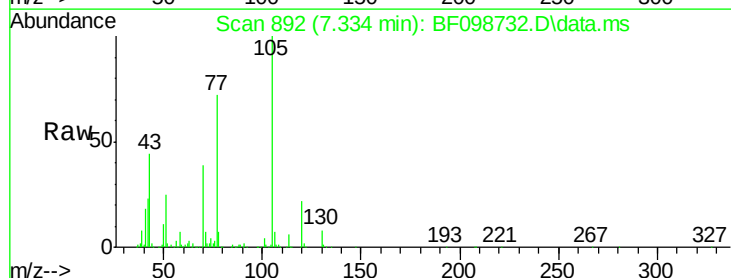
Instrument :
BNA_F
ClientSampleId :

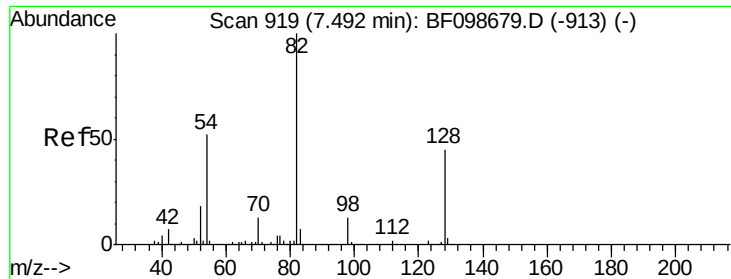
Tot Ion:136	Resp: 677750
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.3	6.6 9.8
68 6.5	5.0 7.4



#22
Acetophenone
Concen: 37.89 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion:105	Resp: 635223
Ion Ratio	Lower Upper
105 100	
71 6.7	4.4 6.6#
51 24.7	22.3 33.5
120 21.7	16.9 25.3

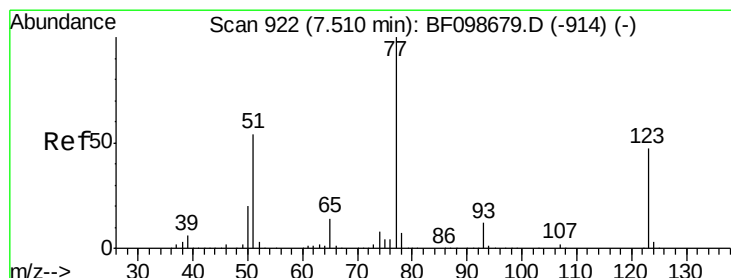
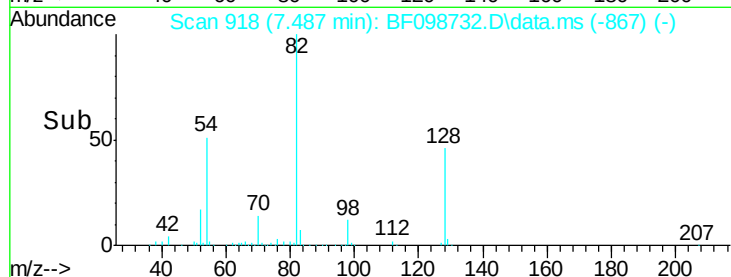
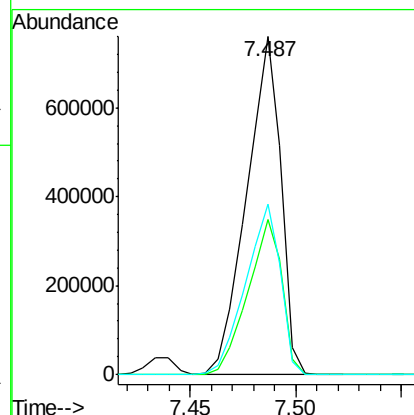
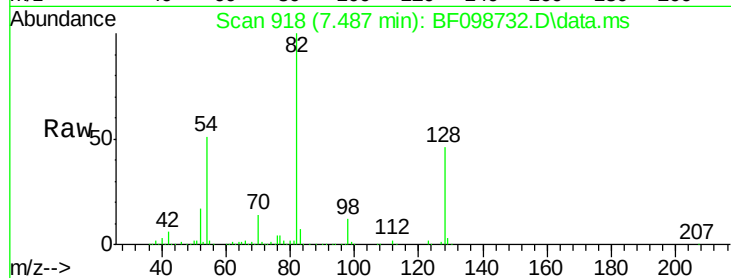




#23
 Nitrobenzene-d5
 Concen: 85.15 ng
 RT: 7.487 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

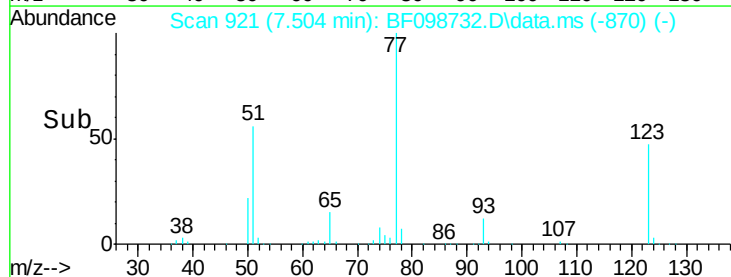
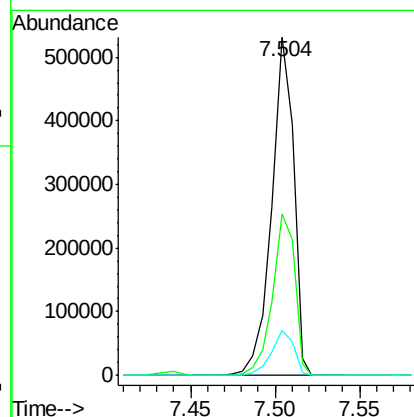
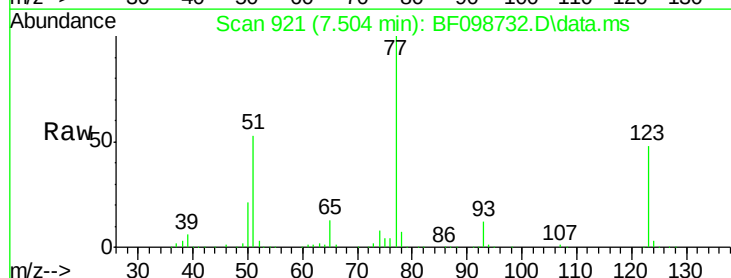
Instrument :
 BNA_F
 ClientSampleId :

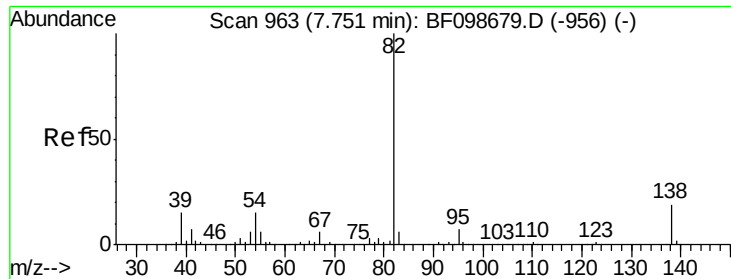
Tot Ion	82	Resp	850781
Ion Ratio	100	Lower	Upper
128	45.7	36.1	54.1
54	50.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.35 ng
 RT: 7.504 min Scan# 921
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion	77	Resp	477218
Ion Ratio	100	Lower	Upper
123	47.9	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 38.85 ng

RT: 7.745 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

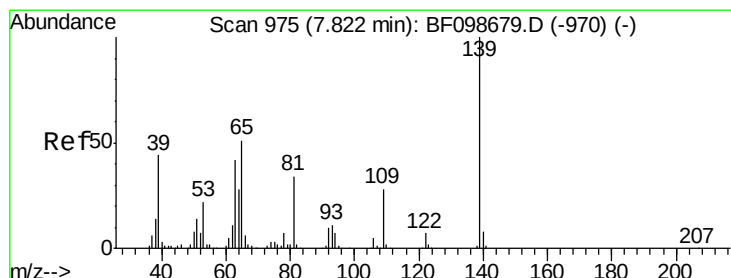
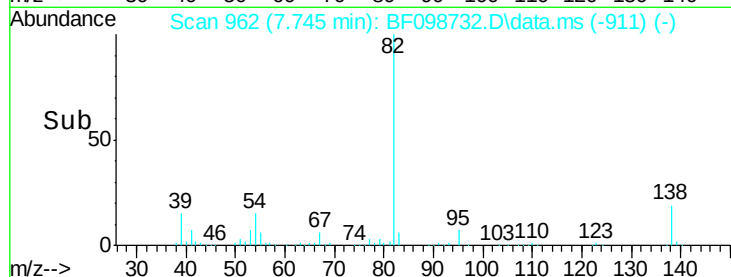
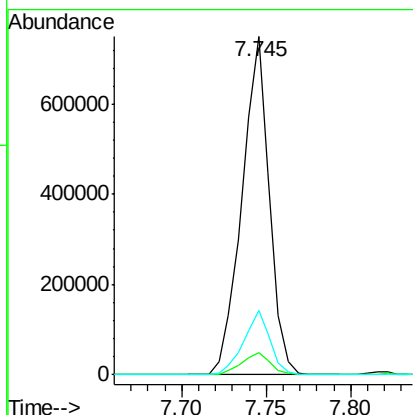
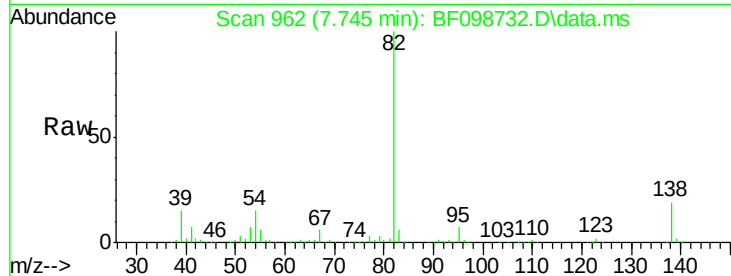
Tot Ion: 82 Resp: 846646

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 50.82 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

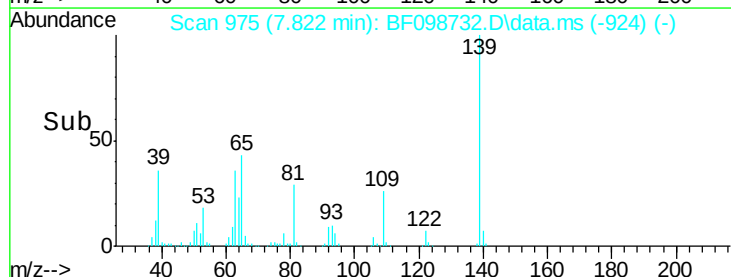
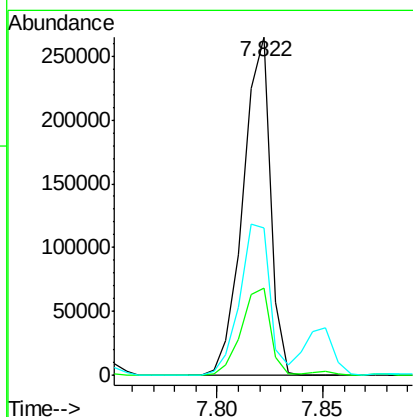
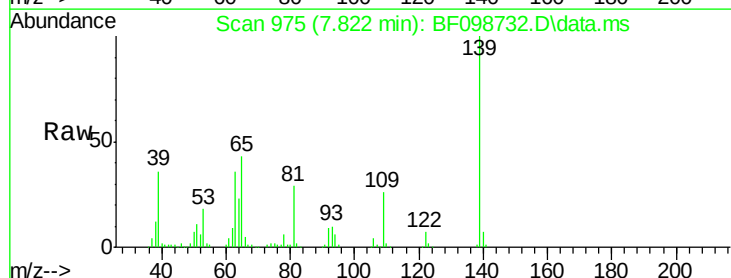
Tgt Ion: 139 Resp: 238363

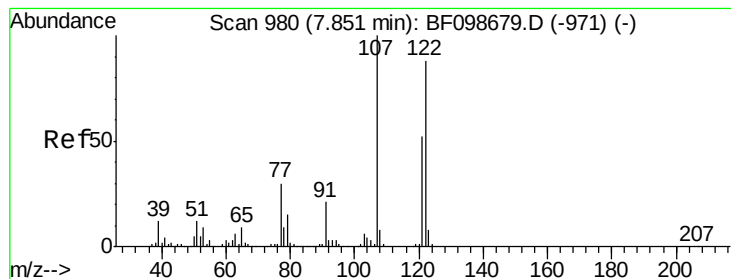
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 43.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.77 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

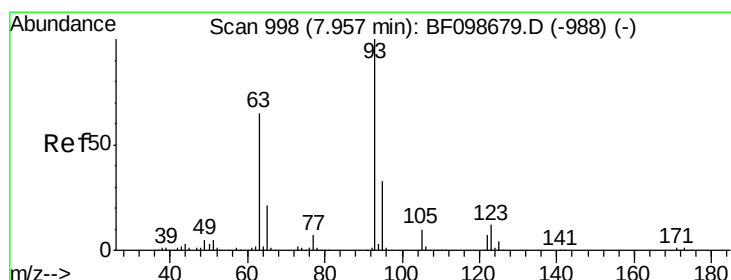
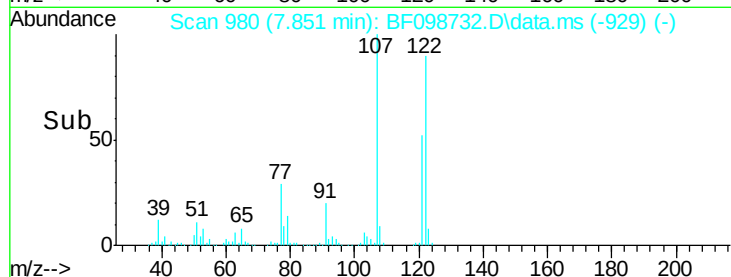
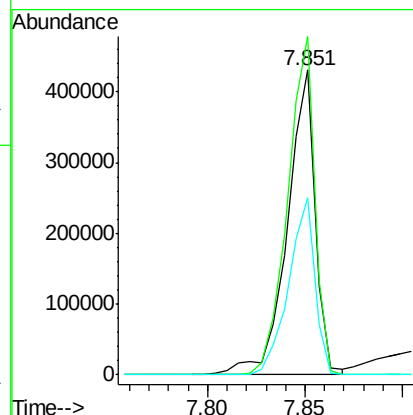
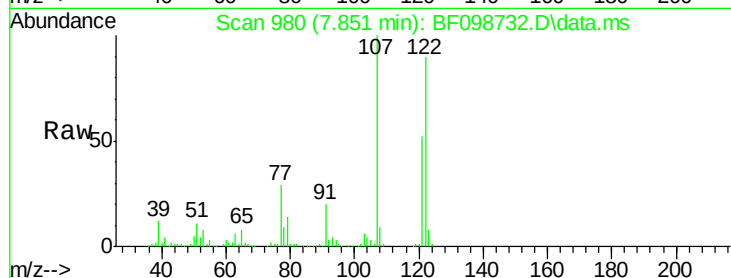
Tot Ion:122 Resp: 425555

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

121 58.0 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.85 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

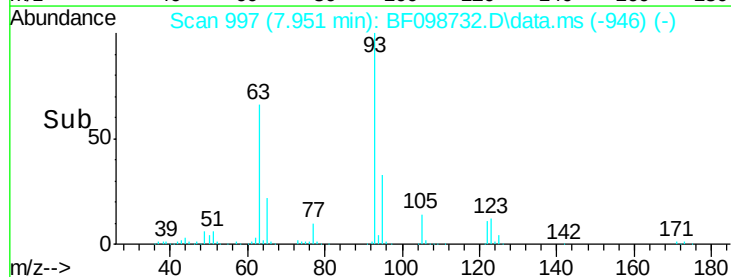
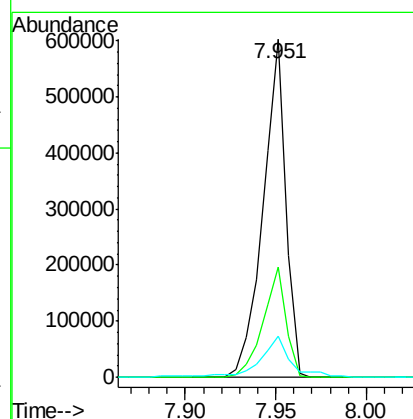
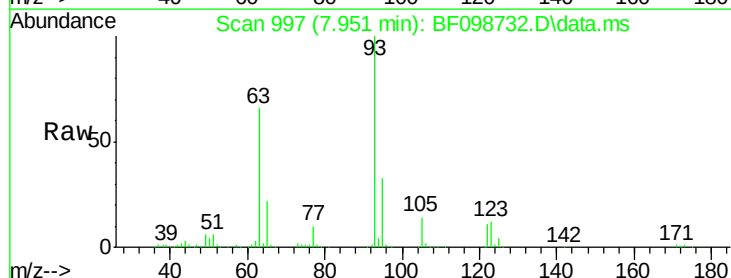
Tgt Ion: 93 Resp: 526841

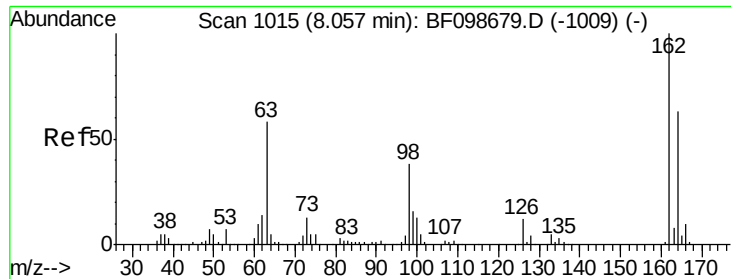
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 12.3 9.8 14.6

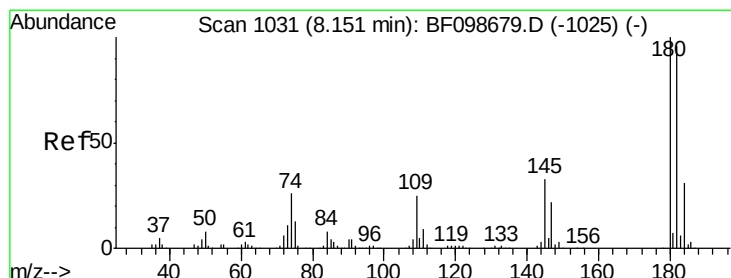
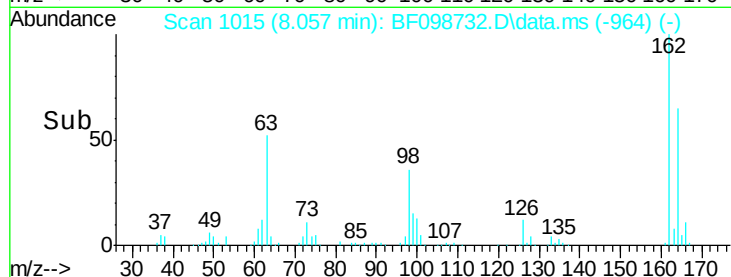
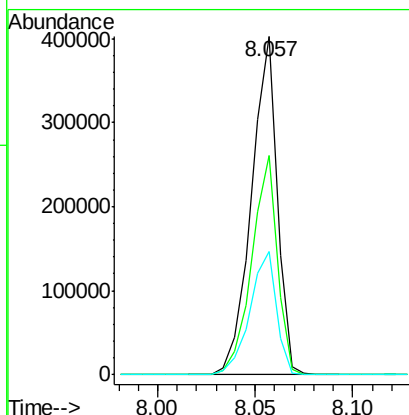
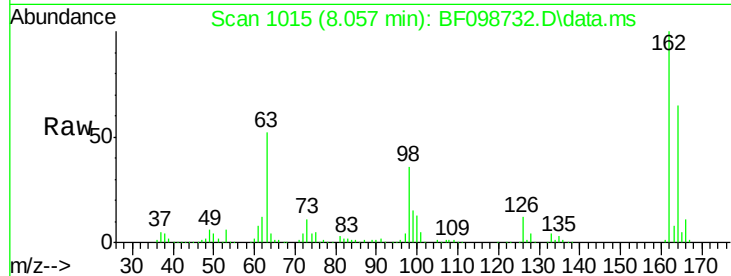




#29
 2,4-Dichlorophenol
 Concen: 40.17 ng
 RT: 8.057 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

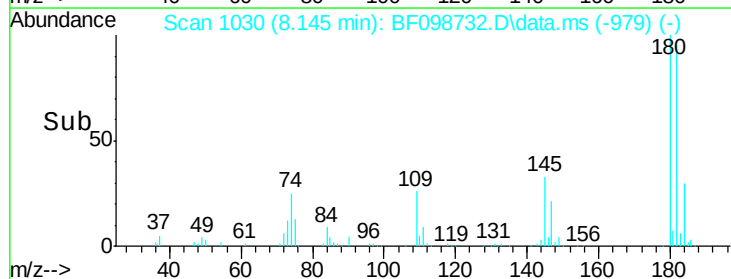
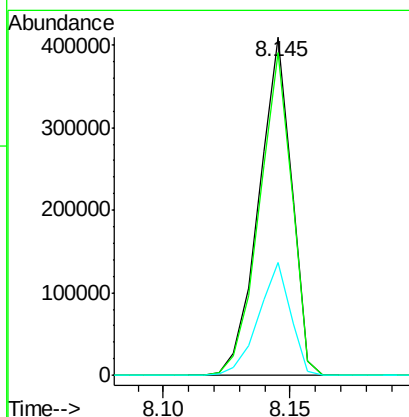
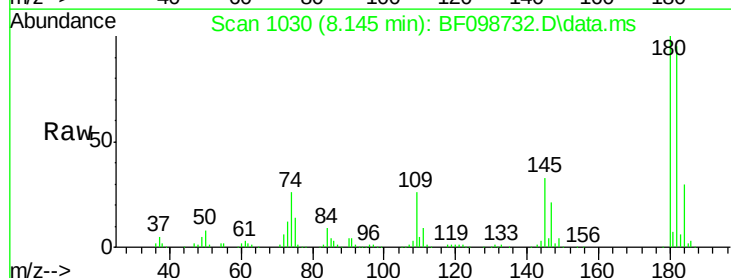
Instrument :
 BNA_F
 ClientSampleId :

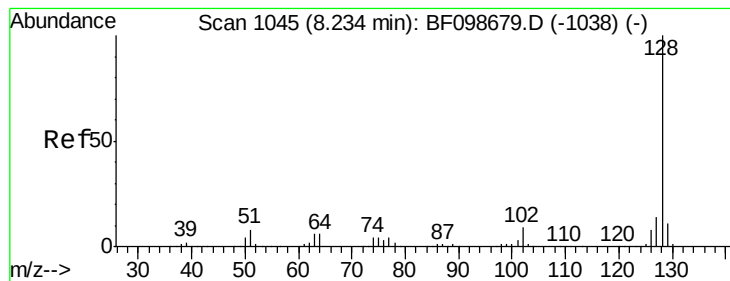
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	36.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.67 ng
 RT: 8.145 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	33.2	26.5	39.7





#31

Naphthalene

Concen: 38.36 ng

RT: 8.228 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

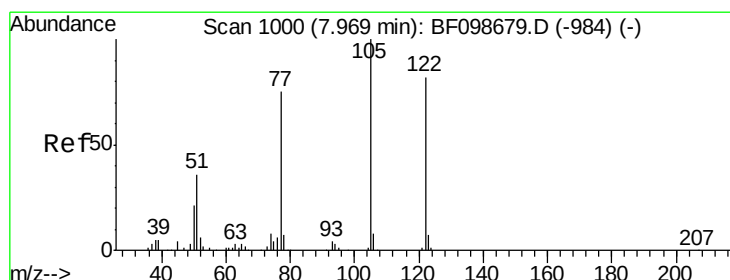
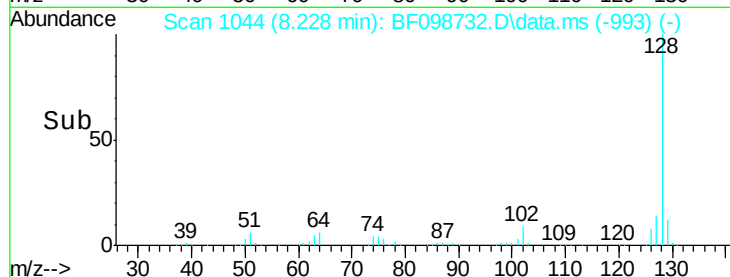
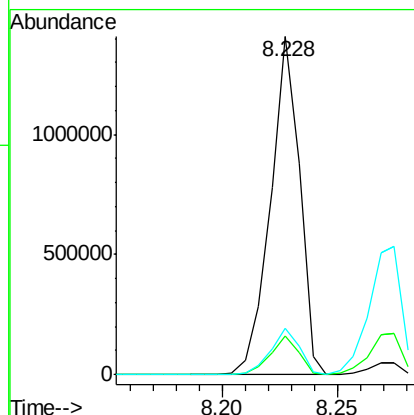
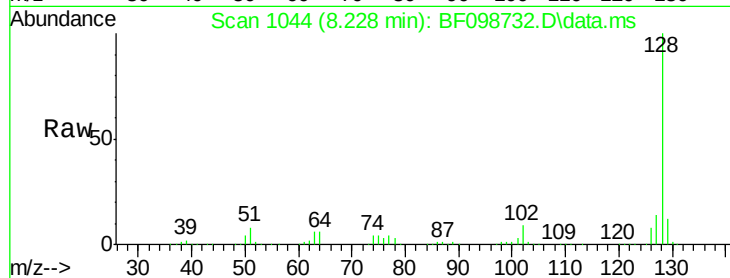
Tot Ion:128 Resp: 1233893

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 64.62 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

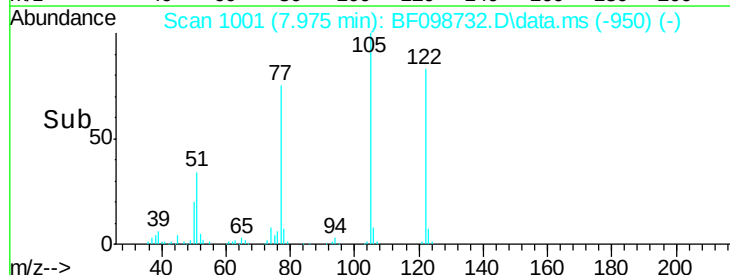
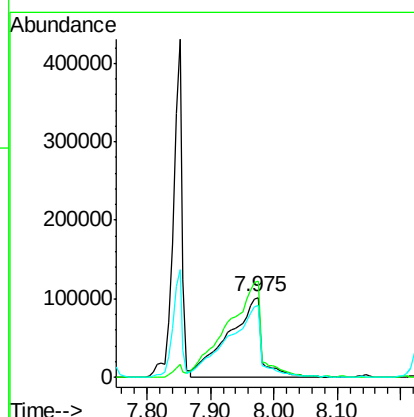
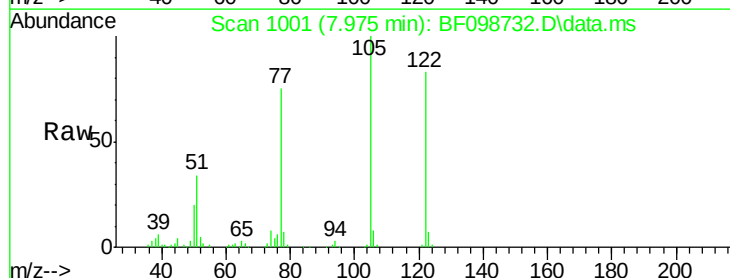
Tgt Ion:122 Resp: 369525

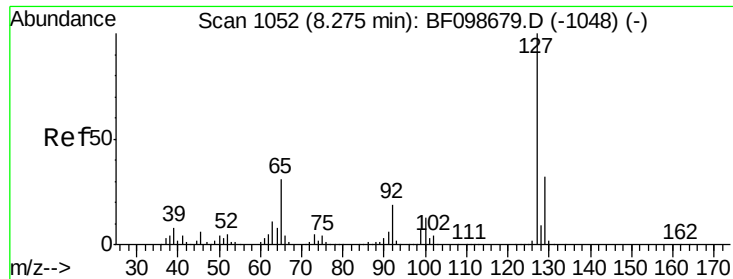
Ion Ratio Lower Upper

122 100

105 120.2 101.1 141.1

77 89.9 70.7 110.7

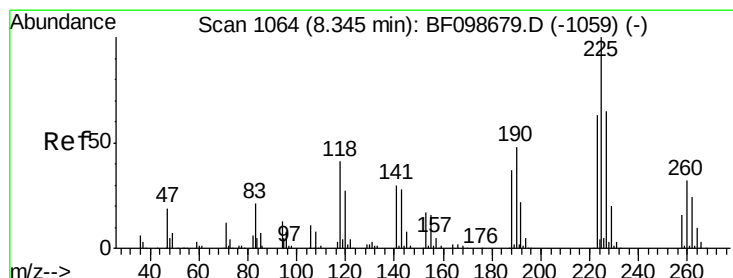
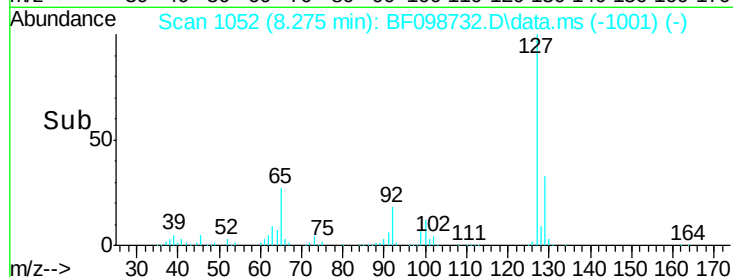
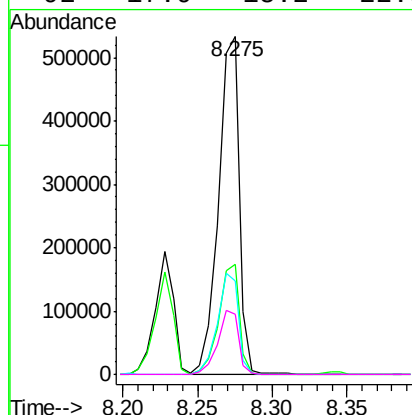
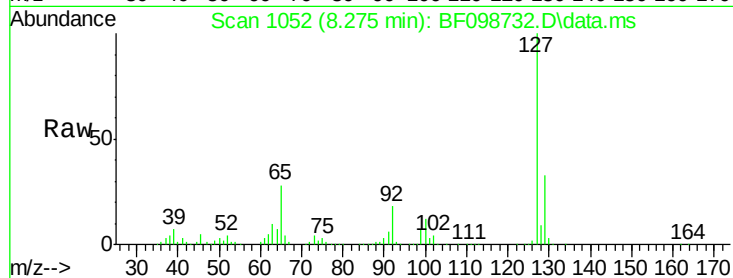




#33
4-Chloroaniline
Concen: 39.19 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

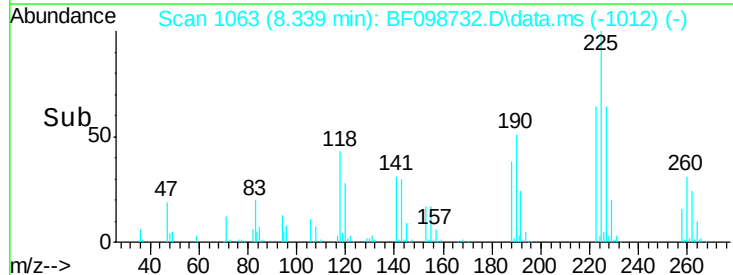
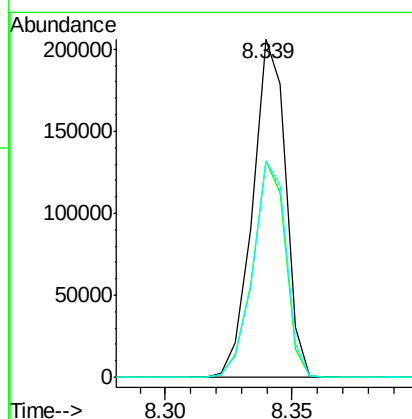
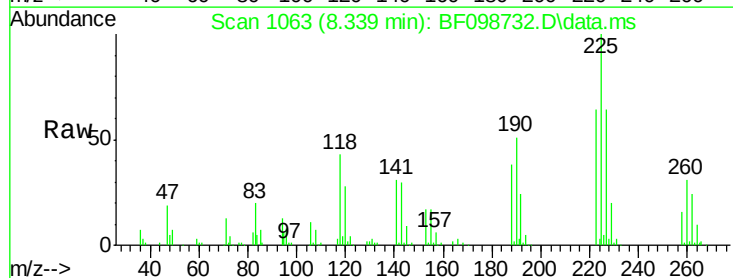
Instrument :
BNA_F
ClientSampled :

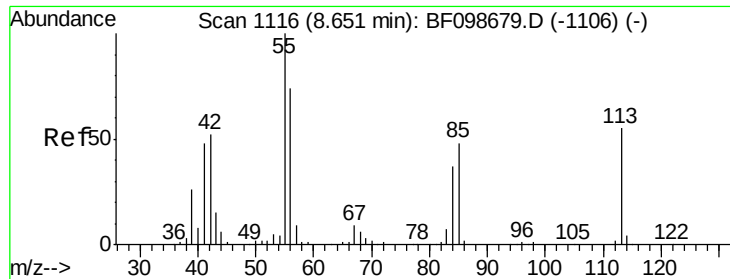
Tot Ion:	127	Resp:	524102
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.9	38.9
65	27.6	25.0	37.4
92	17.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.27 ng
RT: 8.339 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion:	225	Resp:	186437
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.6	76.0
227	64.0	51.9	77.9

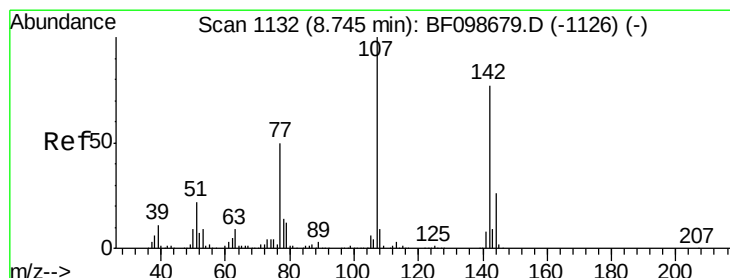
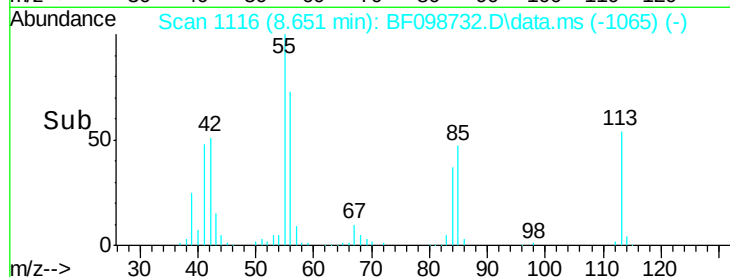
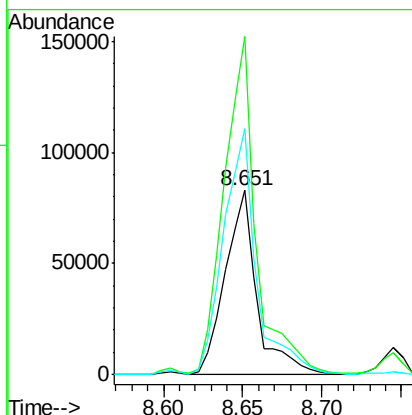
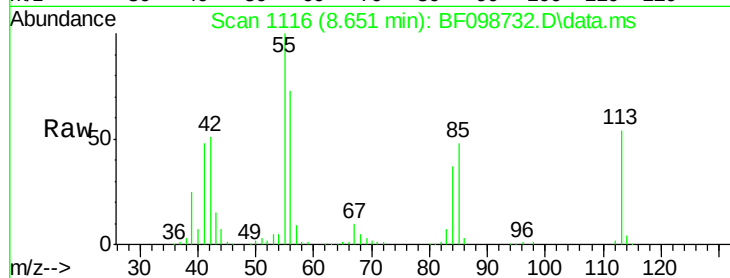




#35
 Caprolactam
 Concen: 40.23 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

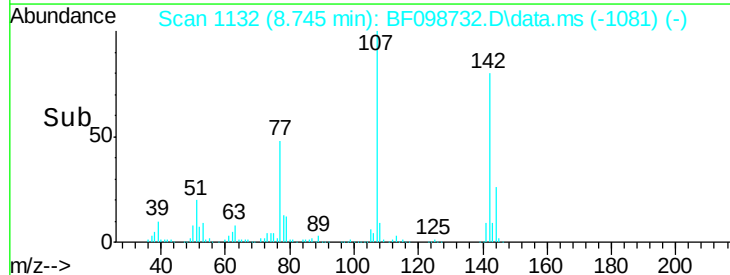
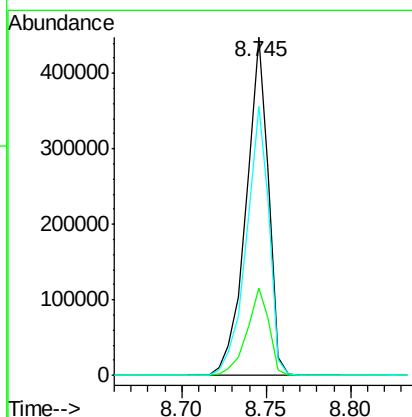
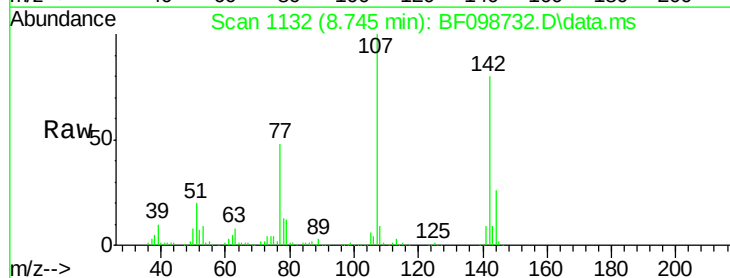
Instrument :
 BNA_F
 ClientSampleId :

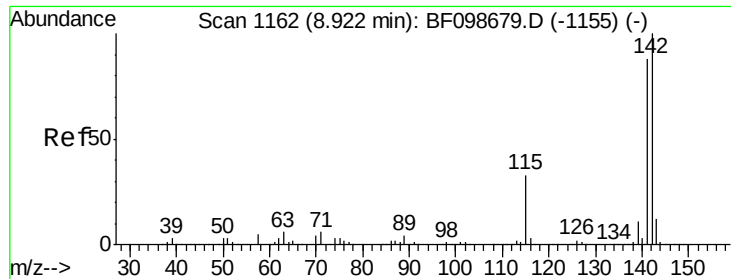
Tot Ion:113 Resp: 115482
 Ion Ratio Lower Upper
 113 100
 55 183.6 163.3 203.3
 56 133.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.43 ng
 RT: 8.745 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion:107 Resp: 414356
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 79.7 62.0 93.0

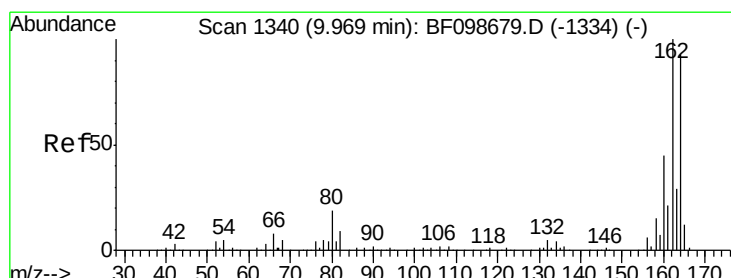
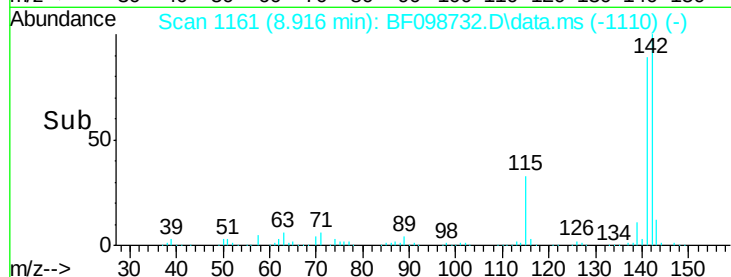
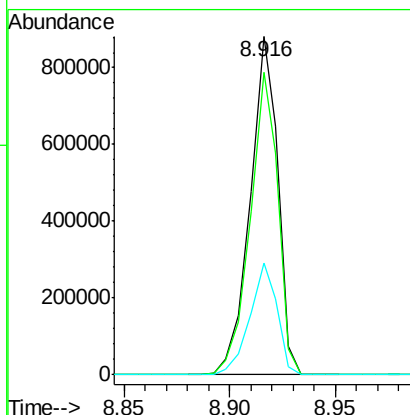
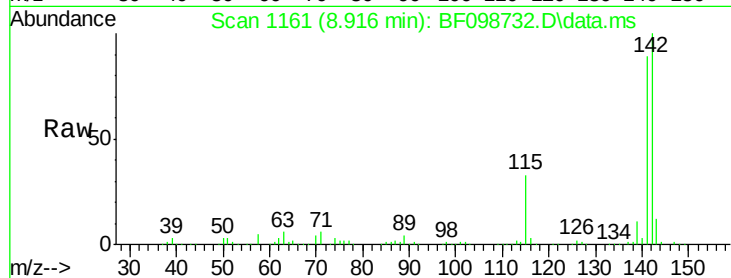




#37
 2-Methylnaphthalene
 Concen: 39.07 ng
 RT: 8.916 min Scan# 1161
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

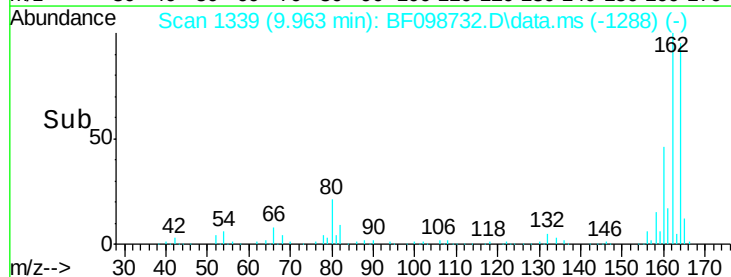
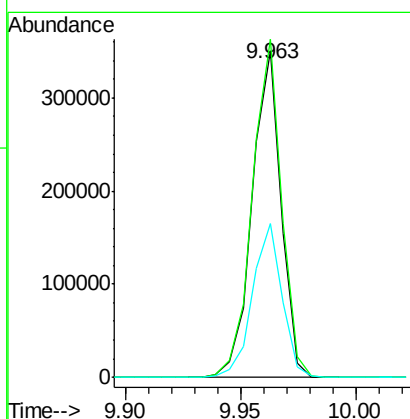
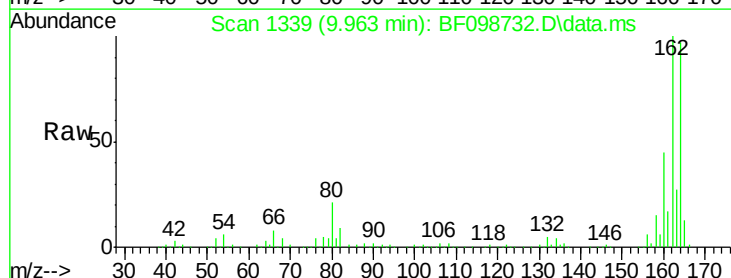
Instrument :
 BNA_F
 ClientSampleId :

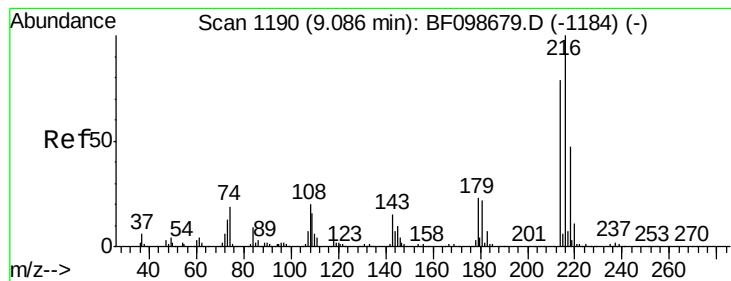
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	32.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.963 min Scan# 1339
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	47.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.55 ng

RT: 9.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 358346

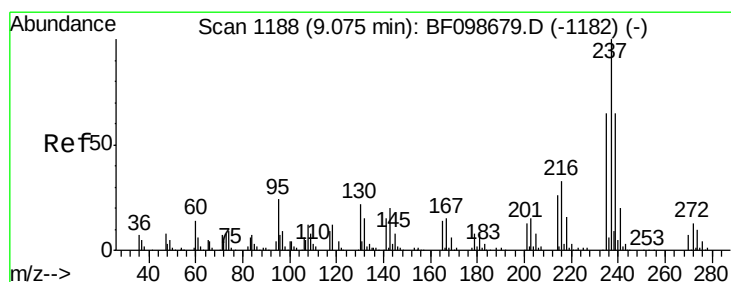
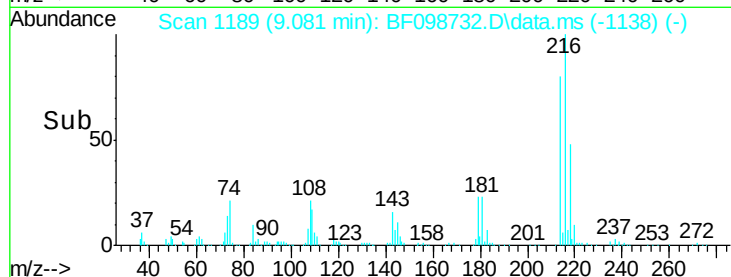
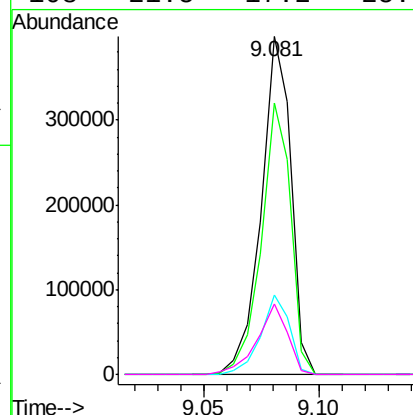
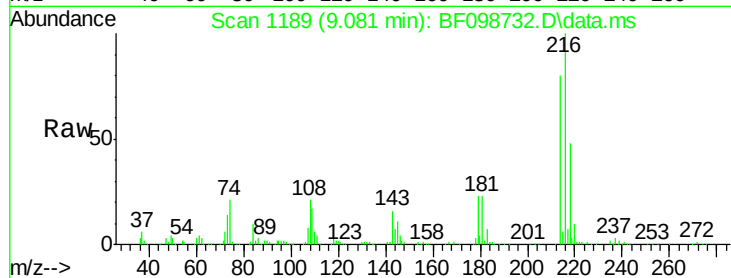
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.8 18.1 27.1

108 21.5 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 43.49 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

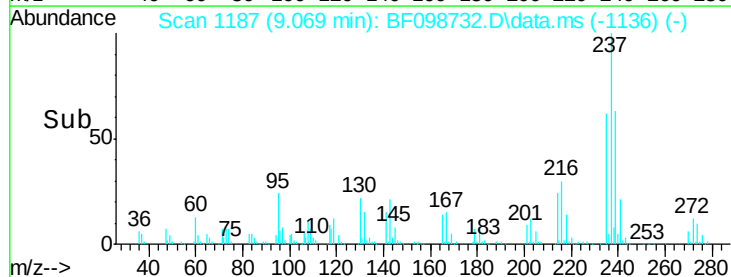
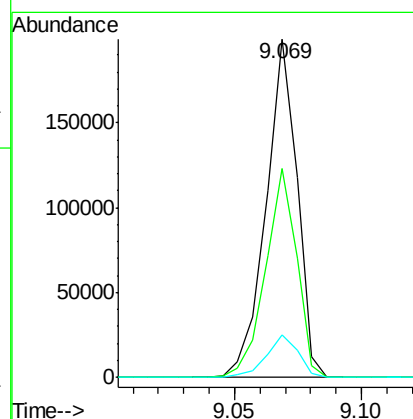
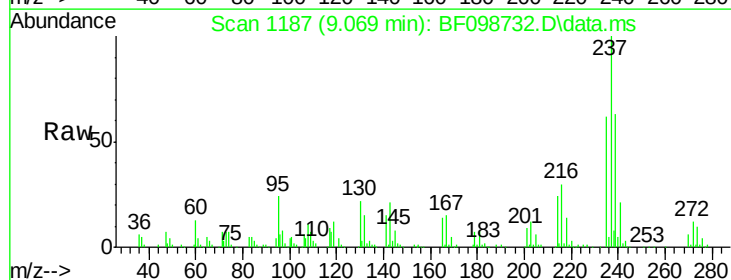
Tgt Ion:237 Resp: 171260

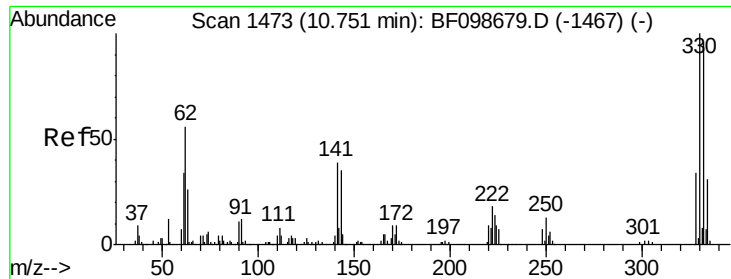
Ion Ratio Lower Upper

237 100

235 61.8 44.8 84.8

272 12.4 0.0 33.3

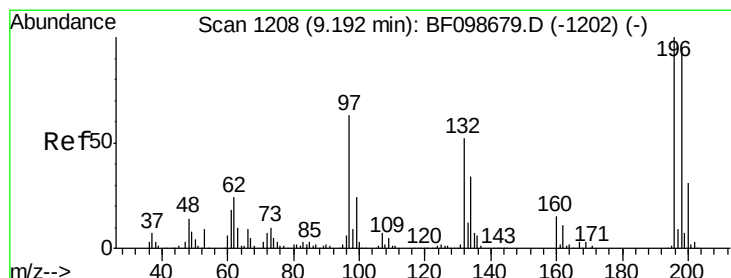
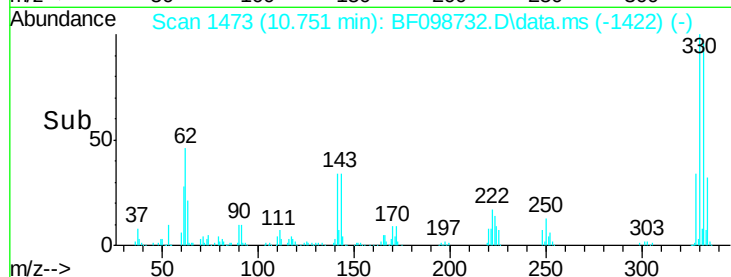
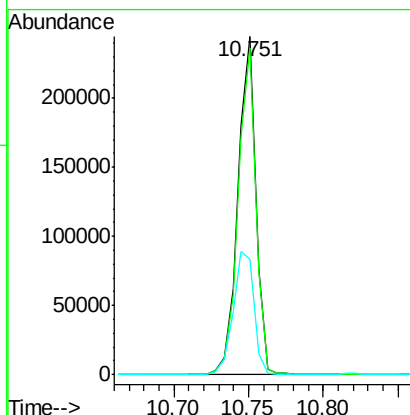
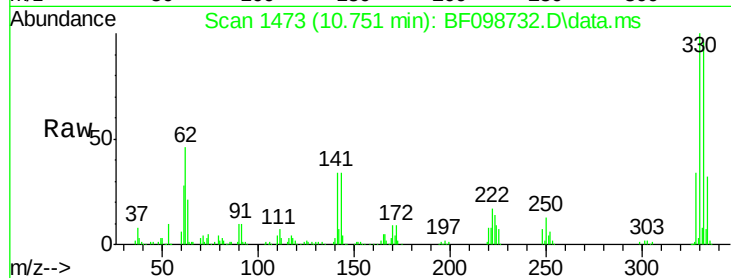




#41
 2,4,6-Tribromophenol
 Concen: 73.78 ng
 RT: 10.751 min Scan# 1473
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

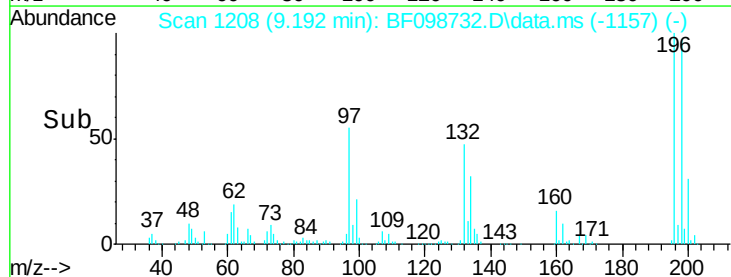
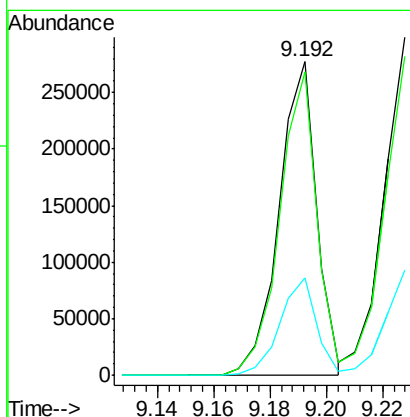
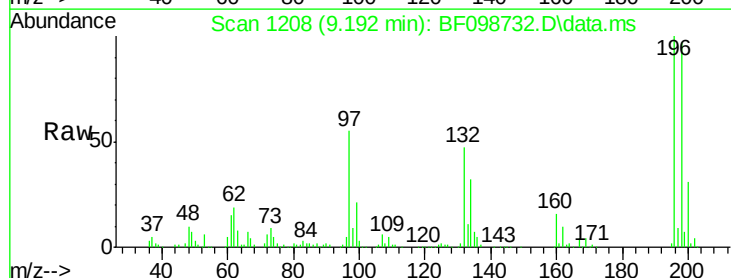
Instrument :
 BNA_F
 ClientSampled :

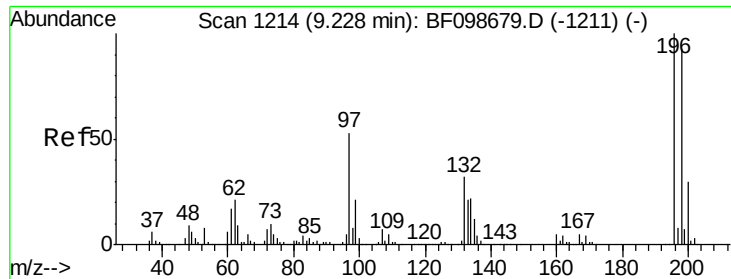
Tot Ion:330 Resp: 206729
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 42.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.92 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion:196 Resp: 255971
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 200 30.9 24.5 36.7

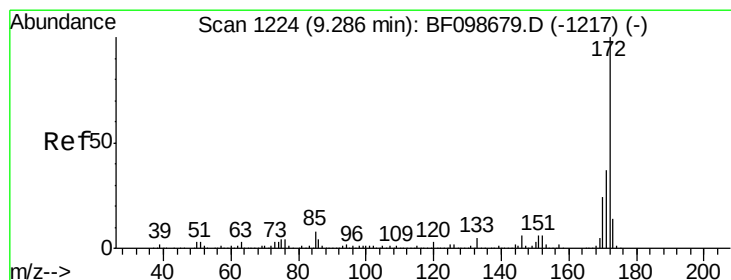
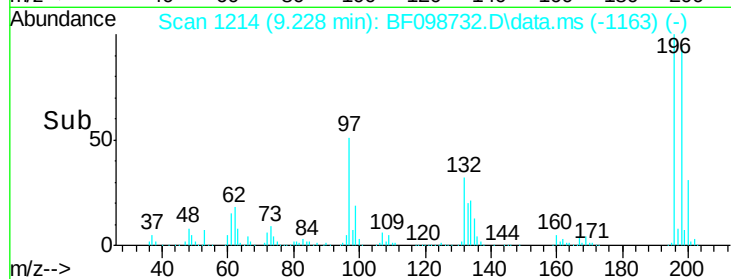
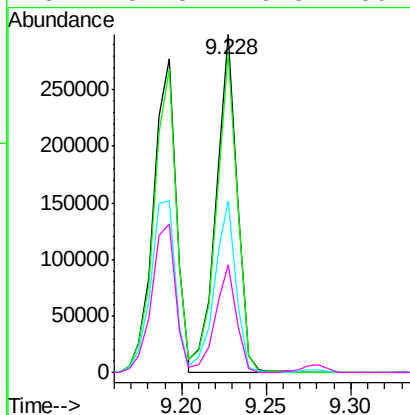
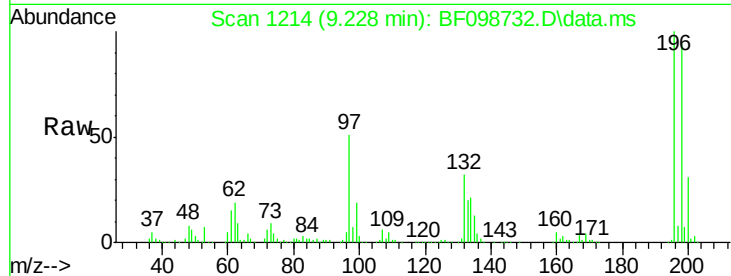




#43
 2,4,5-Trichlorophenol
 Concen: 41.67 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

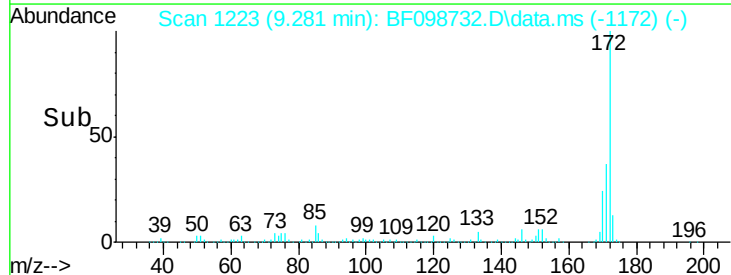
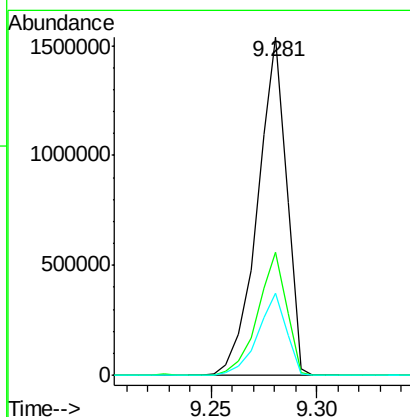
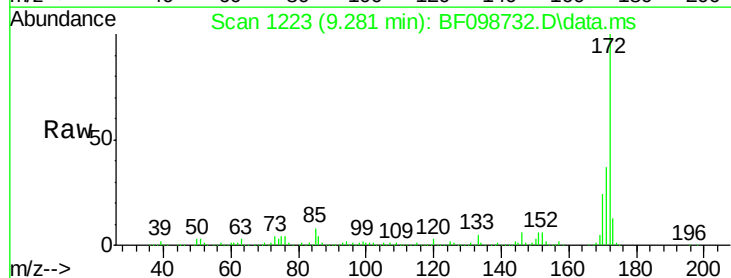
Instrument :
 BNA_F
 ClientSampleId :

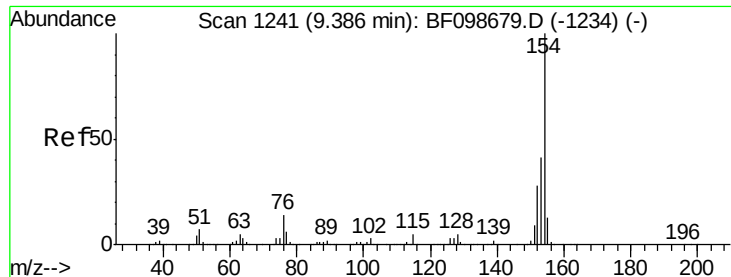
Tot Ion:	196	Resp:	260956
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.6	112.0
97	50.7	42.9	64.3
132	31.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 76.44 ng
 RT: 9.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion:	172	Resp:	1471761
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.38 ng

RT: 9.381 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

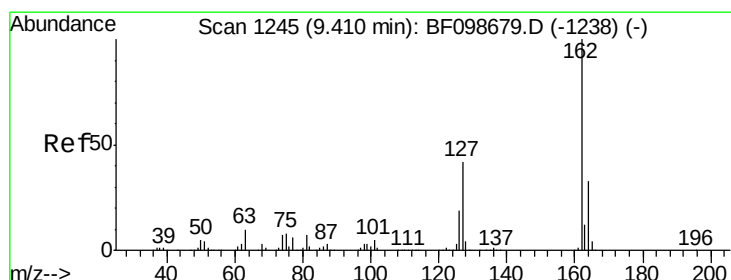
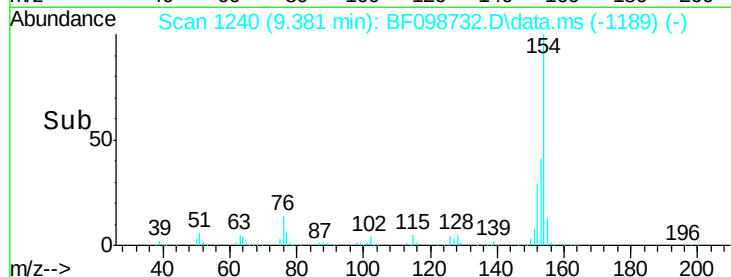
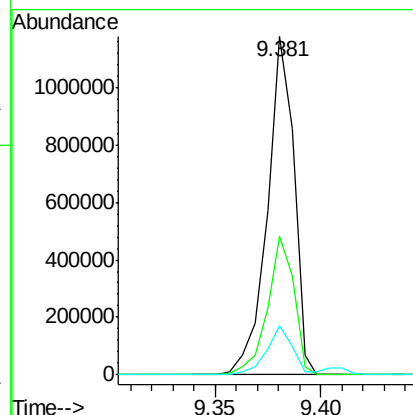
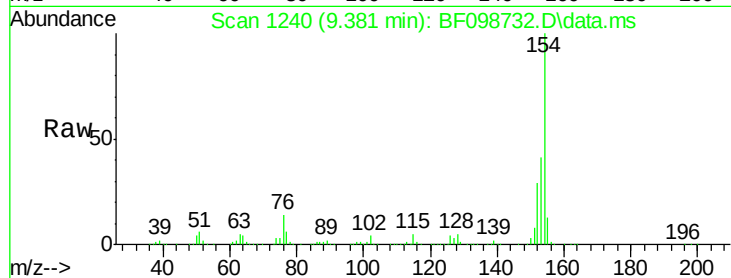
Tot Ion:154 Resp: 1036589

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

76 14.3 0.0 34.0



#46

2-Chloronaphthalene

Concen: 39.31 ng

RT: 9.410 min Scan# 1245

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

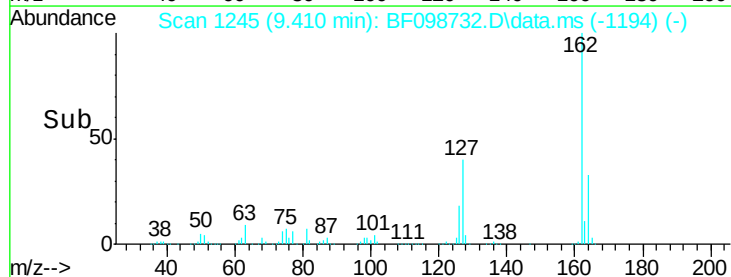
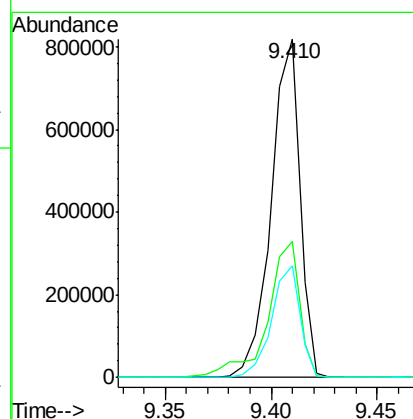
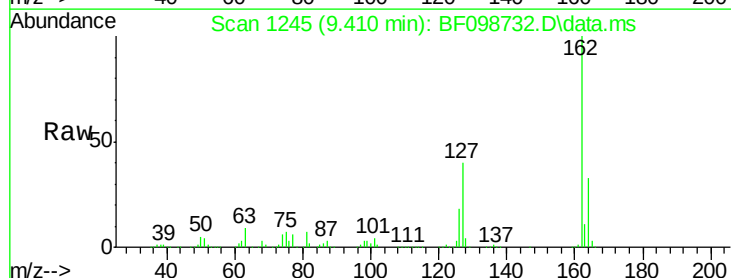
Tgt Ion:162 Resp: 775971

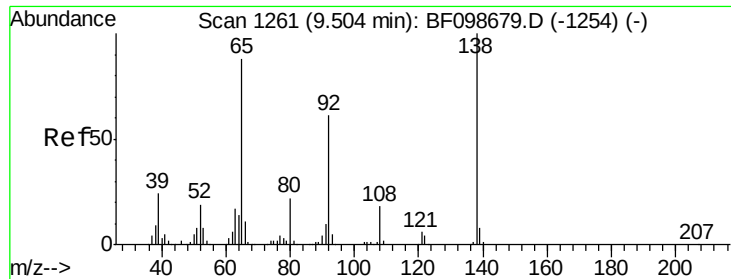
Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

164 32.8 26.5 39.7

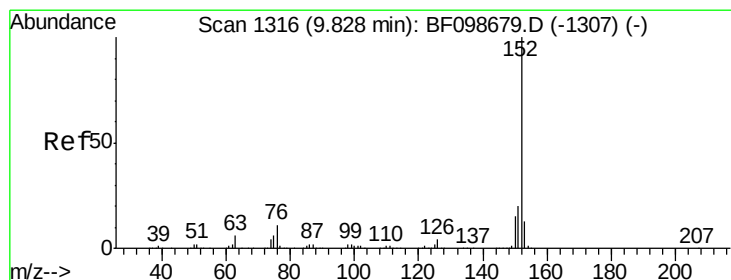
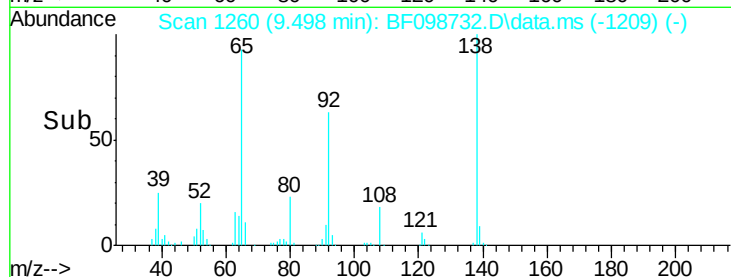
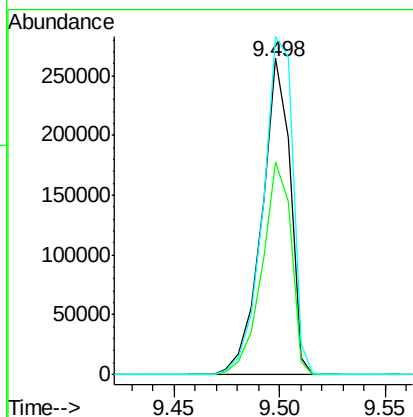
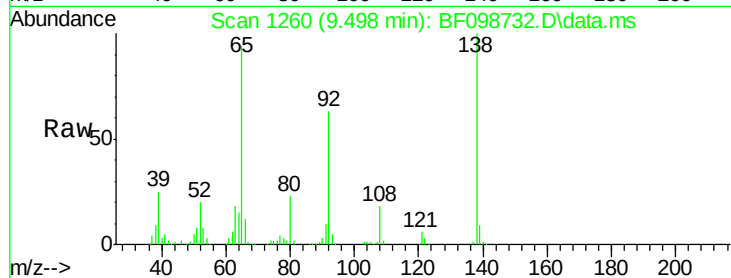




#47
2-Nitroaniline
Concen: 44.72 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

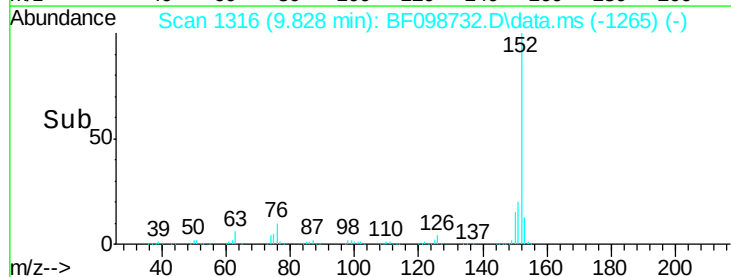
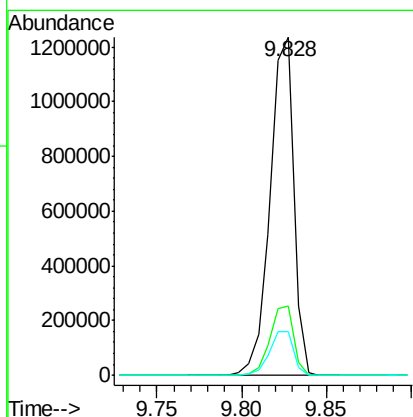
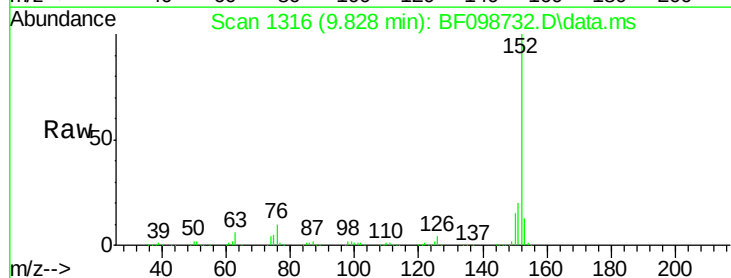
Instrument :
BNA_F
ClientSampleId :

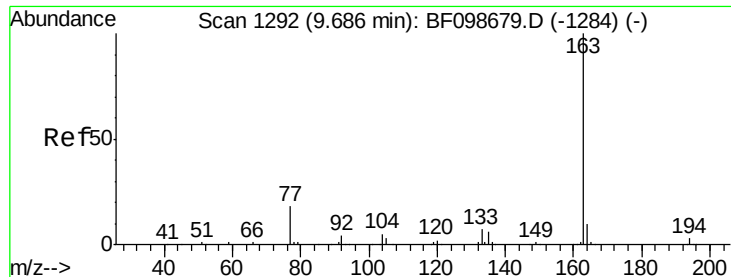
Tot Ion: 65 Resp: 247823
Ion Ratio Lower Upper
65 100
92 67.2 55.8 83.6
138 106.9 91.2 136.8



#48
Acenaphthylene
Concen: 39.12 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion: 152 Resp: 1187674
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 39.17 ng

RT: 9.681 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

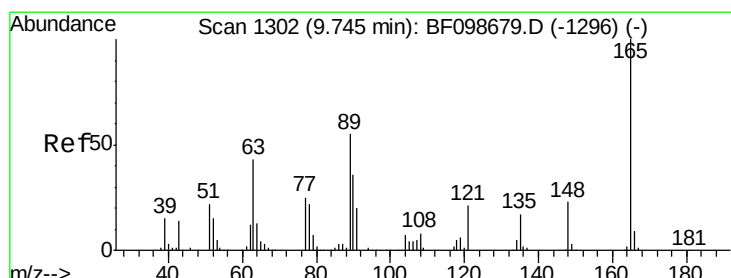
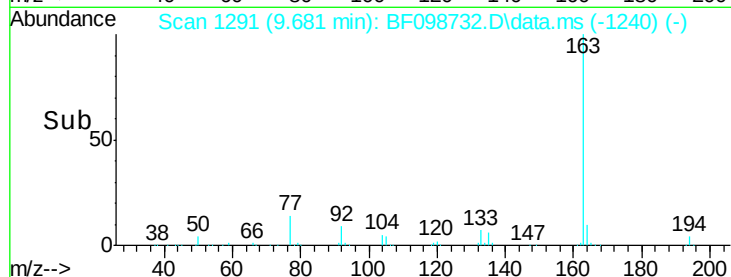
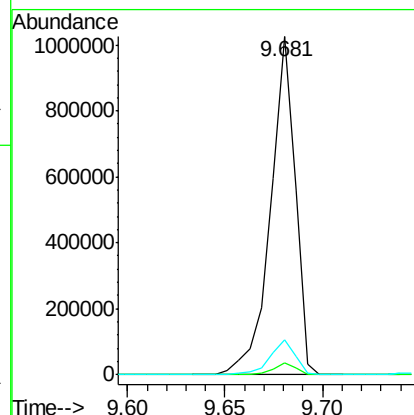
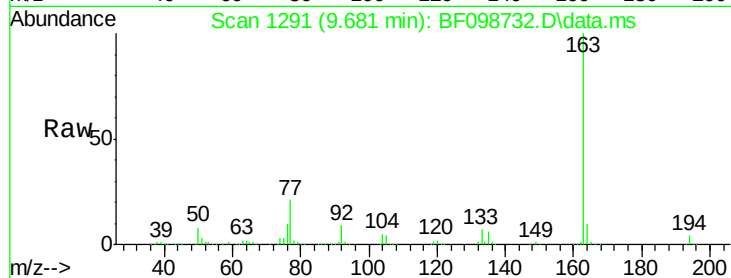
Tot Ion:163 Resp: 899933

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.4 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 45.47 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

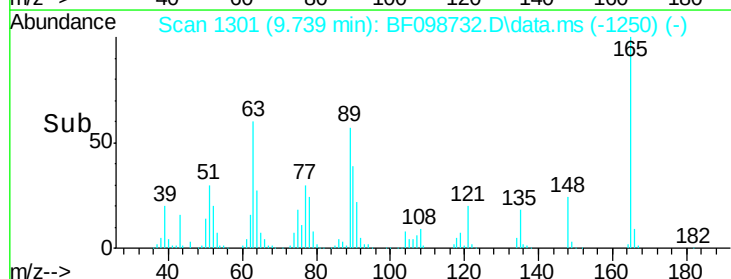
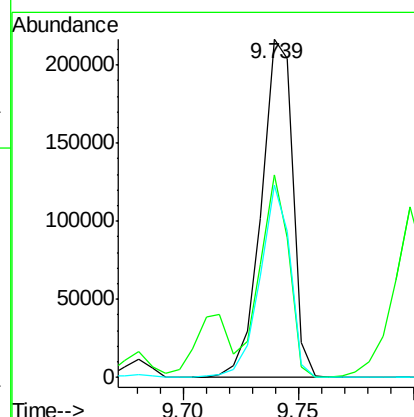
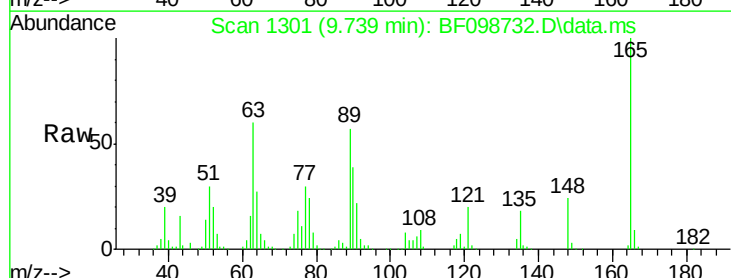
Tgt Ion:165 Resp: 206182

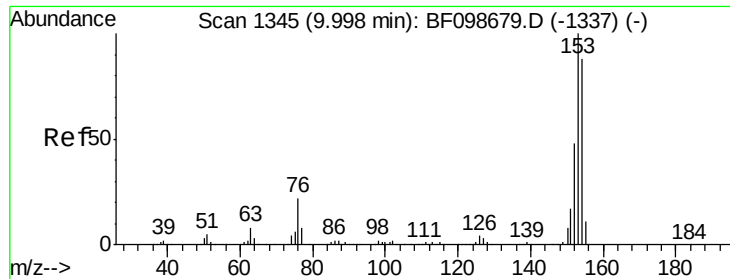
Ion Ratio Lower Upper

165 100

63 60.0 44.7 67.1

89 56.8 44.0 66.0





#51

Acenaphthene

Concen: 39.94 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

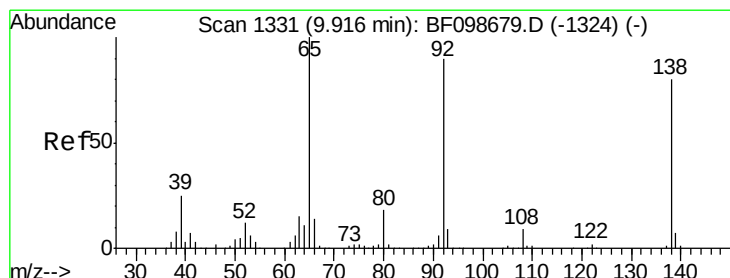
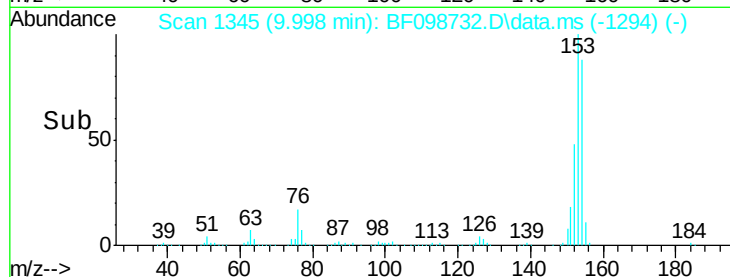
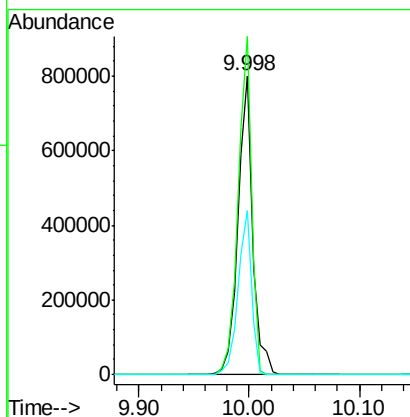
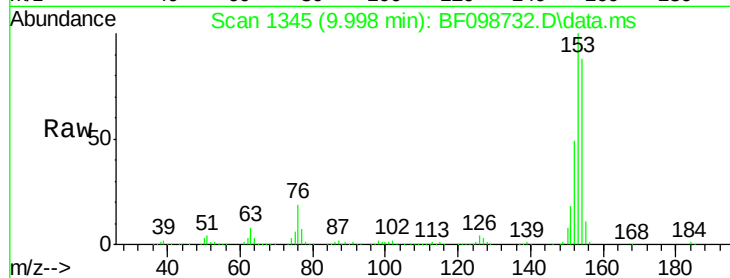
Tot Ion:154 Resp: 752676

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

152 55.1 43.8 65.8



#52

3-Nitroaniline

Concen: 45.10 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

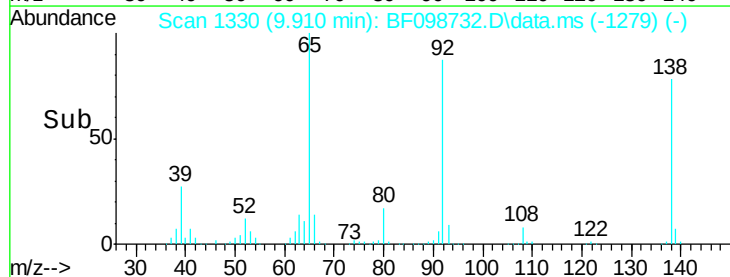
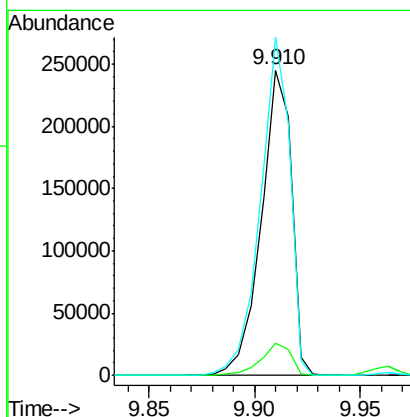
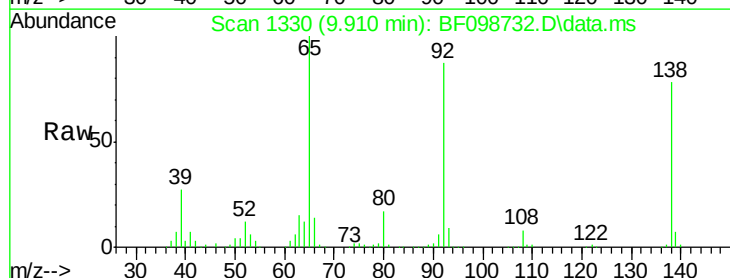
Tgt Ion:138 Resp: 243765

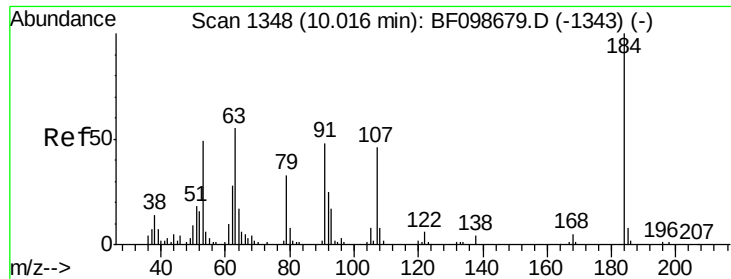
Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

92 110.8 89.4 134.2

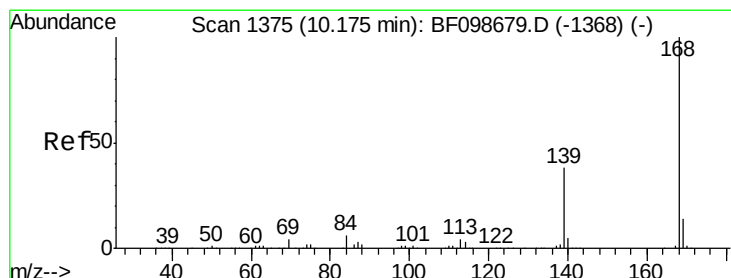
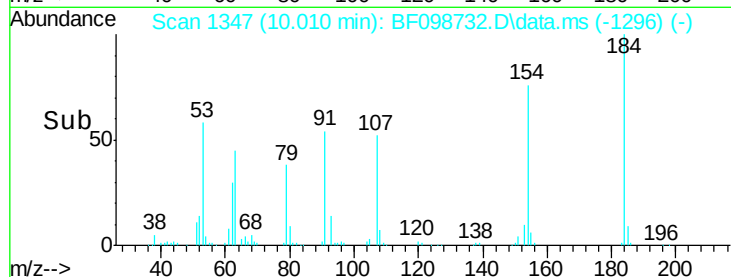
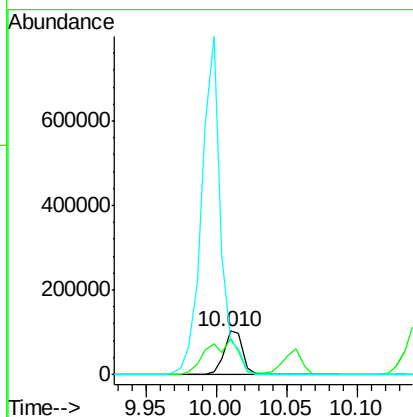
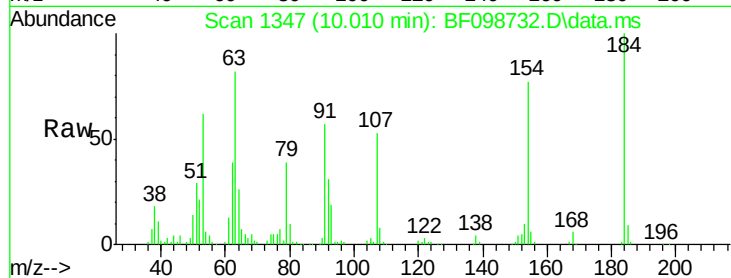




#53
 2,4-Dinitrophenol
 Concen: 66.07 ng
 RT: 10.010 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

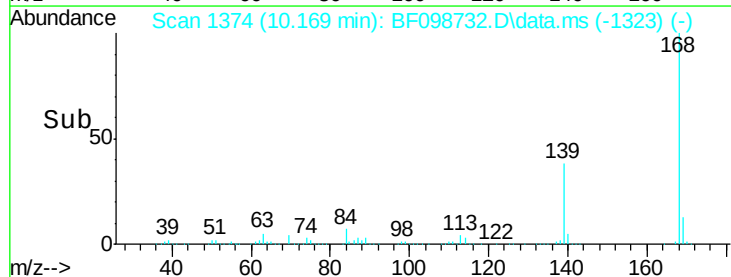
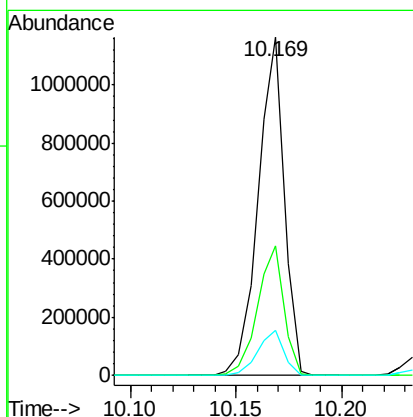
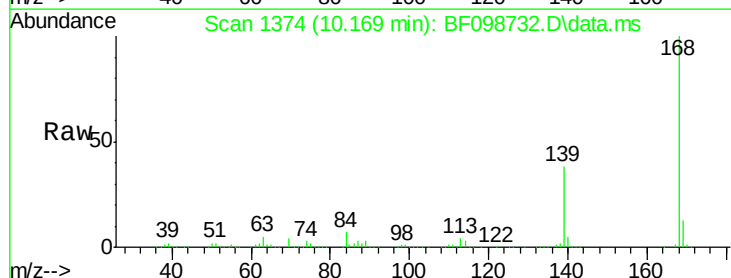
Instrument :
 BNA_F
 ClientSampleId :

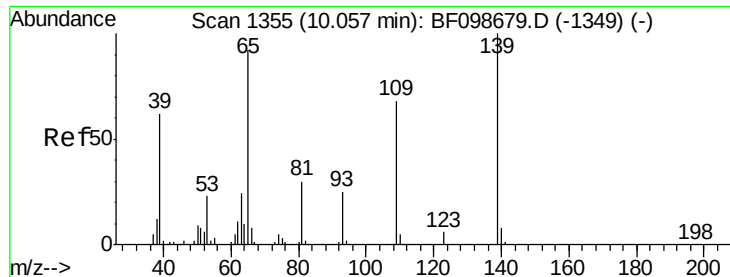
Tot Ion:184 Resp: 94861
 Ion Ratio Lower Upper
 184 100
 63 82.2 54.2 81.2#
 154 76.7 53.5 80.3



#54
 Dibenzofuran
 Concen: 38.93 ng
 RT: 10.169 min Scan# 1374
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion:168 Resp: 1001828
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.4 10.9 16.3

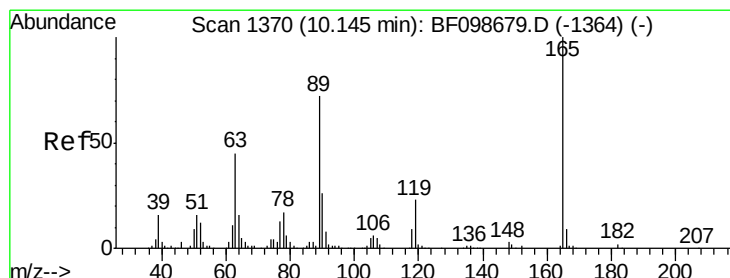
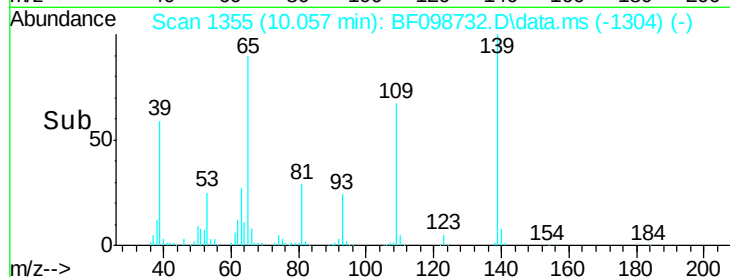
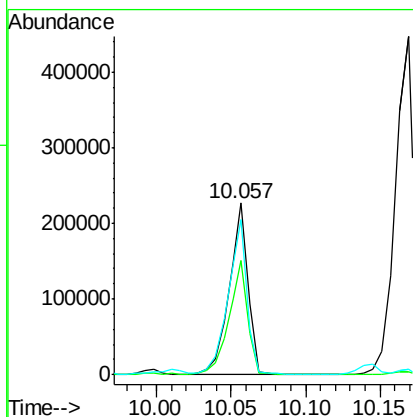
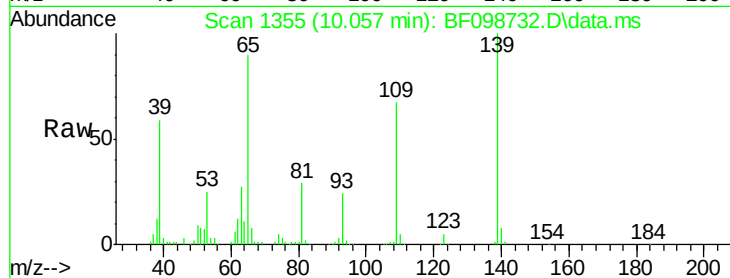




#55
4-Nitrophenol
Concen: 43.34 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

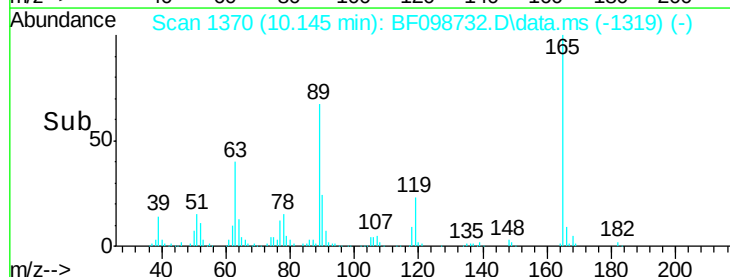
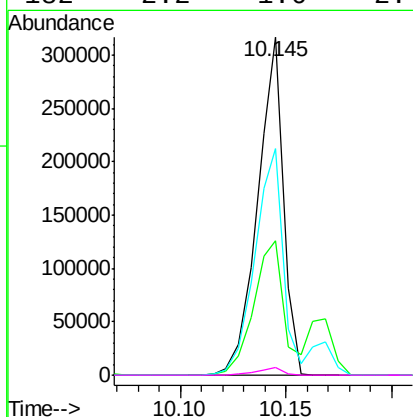
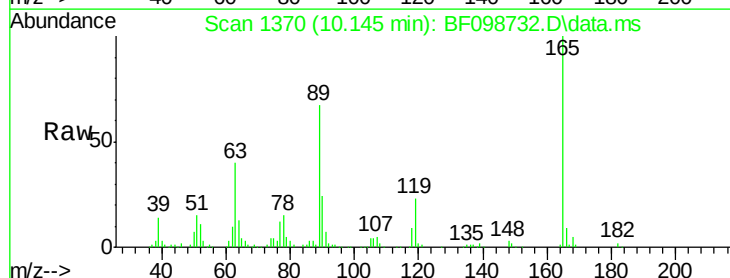
Instrument :
BNA_F
ClientSampleId :

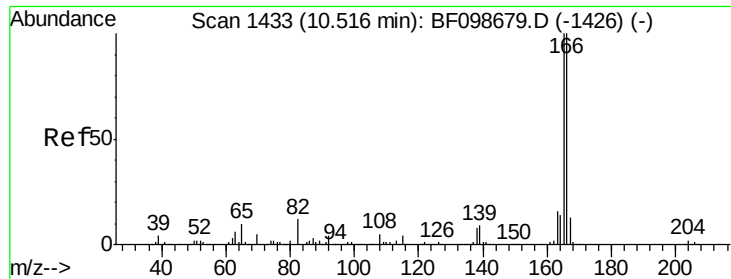
Tot Ion	Ratio	Lower	Upper
139	100		
109	66.5	48.4	88.4
65	90.4	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 44.23 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.7	36.4	54.6
89	67.2	57.8	86.6
182	2.2	1.6	2.4

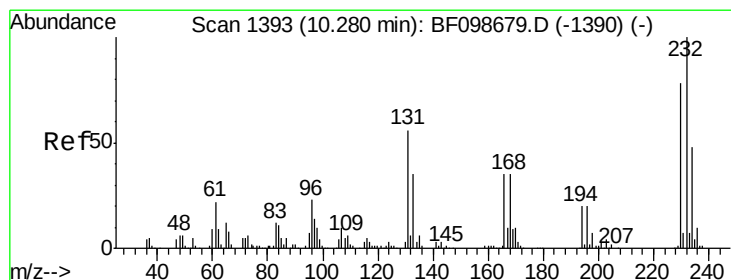
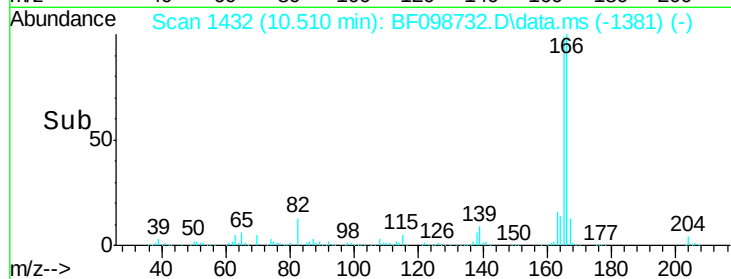
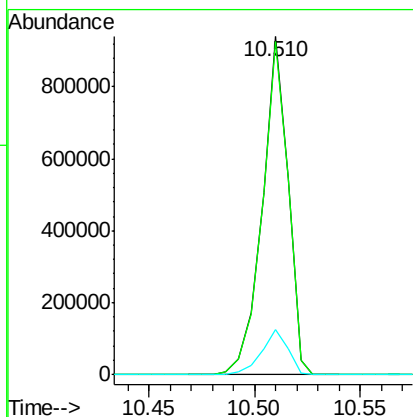
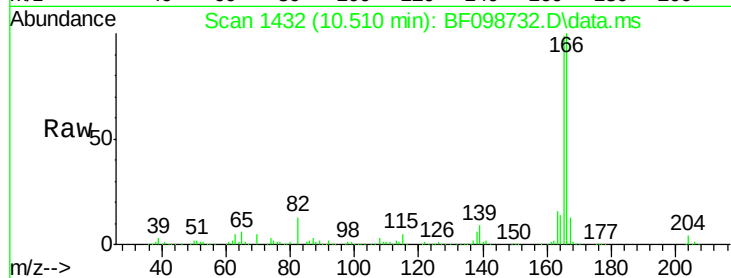




#57
 Fluorene
 Concen: 38.52 ng
 RT: 10.510 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

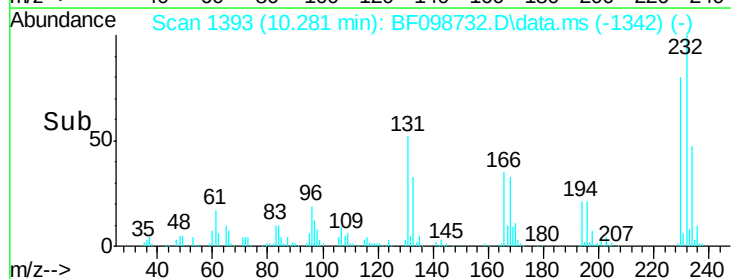
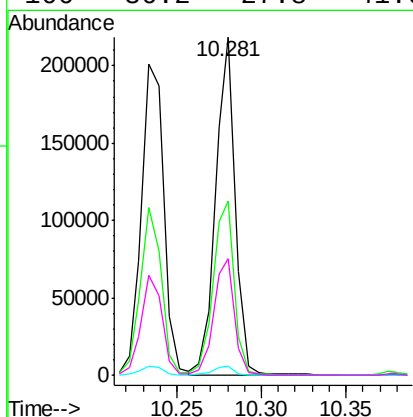
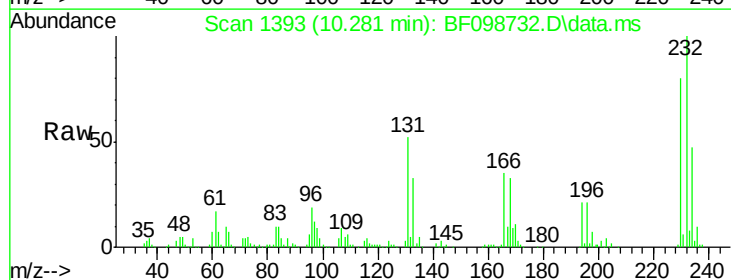
Instrument :
 BNA_F
 ClientSampleId :

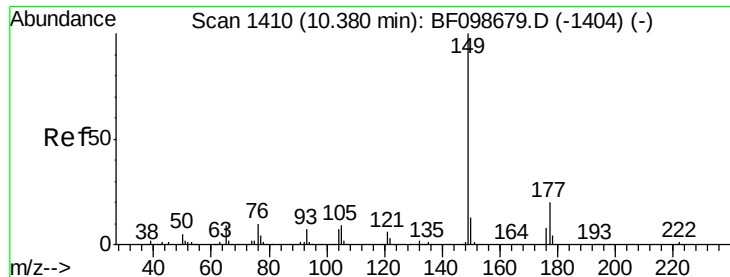
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.22 ng
 RT: 10.281 min Scan# 1393
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.9	43.8	65.8
130	2.8	2.1	3.1
166	36.2	27.8	41.6





#59

Diethylphthalate

Concen: 39.38 ng

RT: 10.381 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

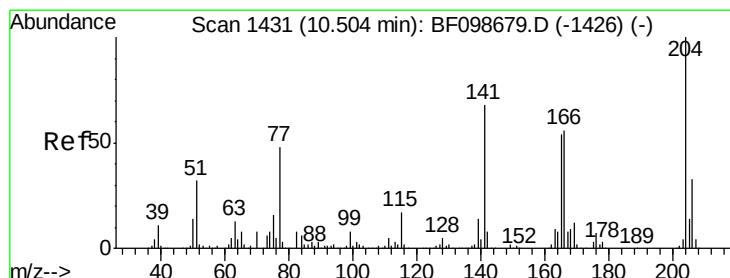
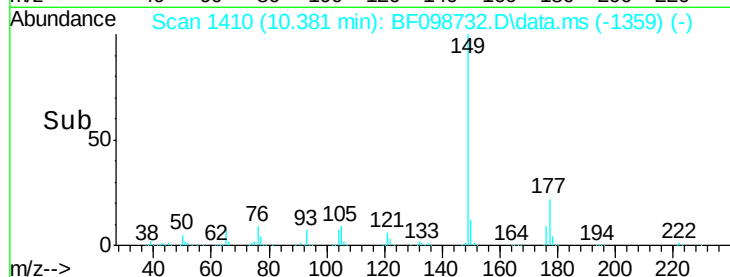
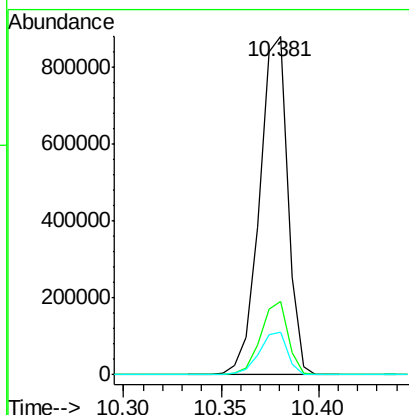
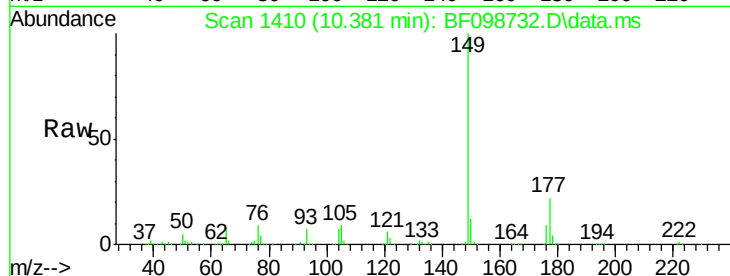
Tot Ion:149 Resp: 886706

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

150 12.4 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 39.79 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

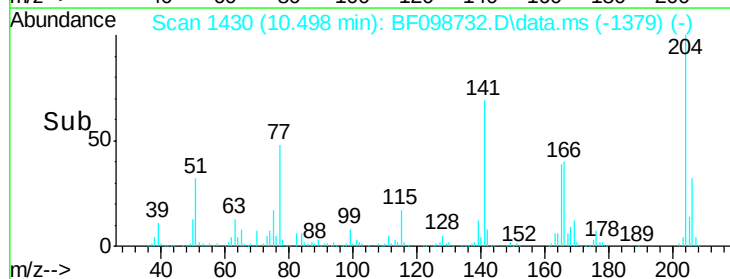
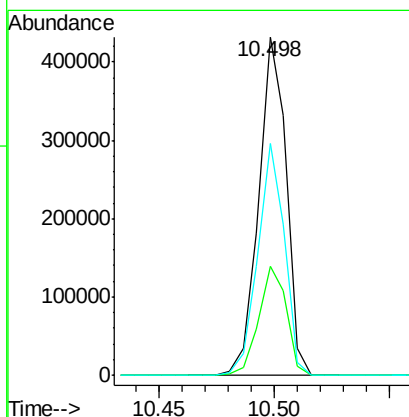
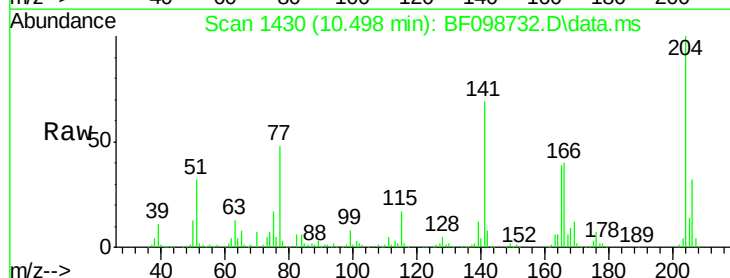
Tgt Ion:204 Resp: 360563

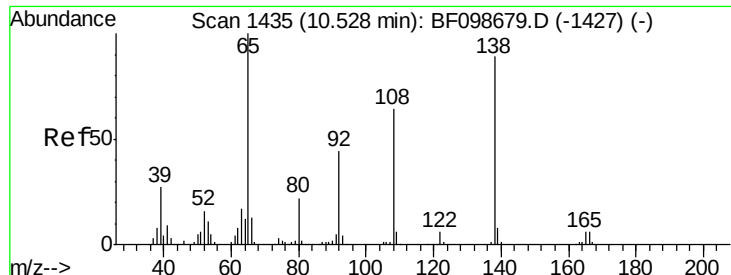
Ion Ratio Lower Upper

204 100

206 32.3 26.5 39.7

141 68.6 54.6 81.8

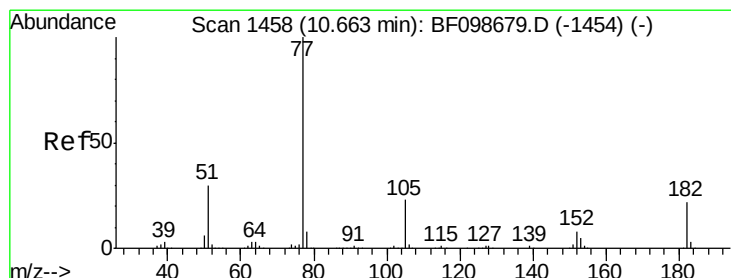
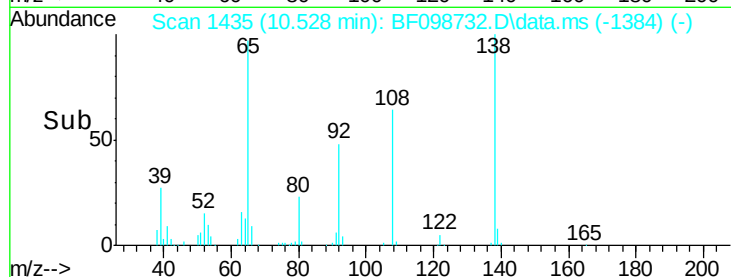
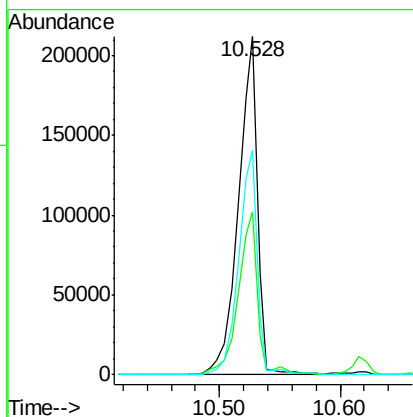
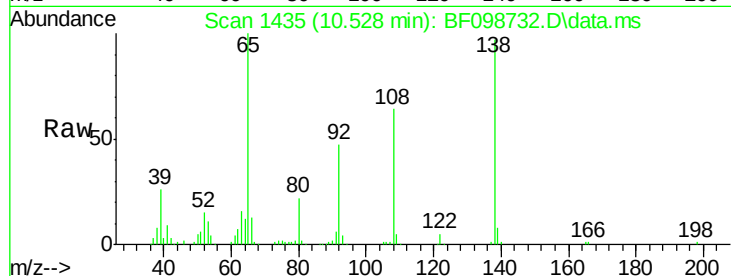




#61
4-Nitroaniline
Concen: 44.89 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

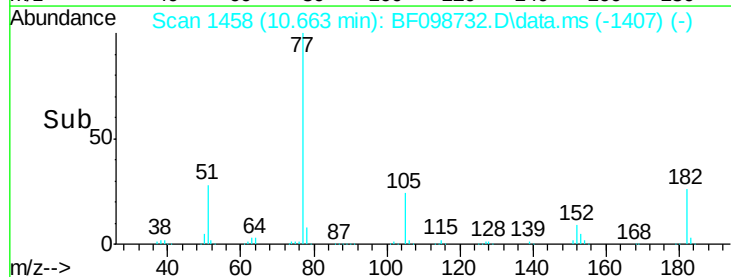
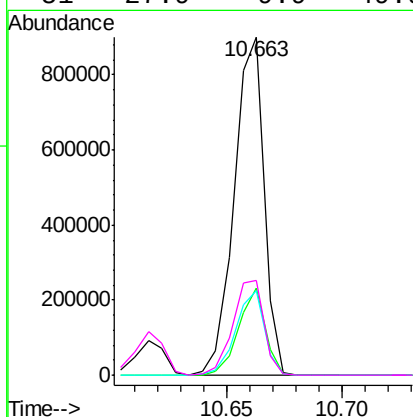
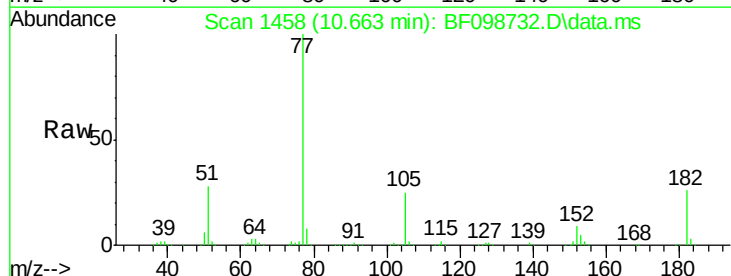
Instrument :
BNA_F
ClientSampleId :

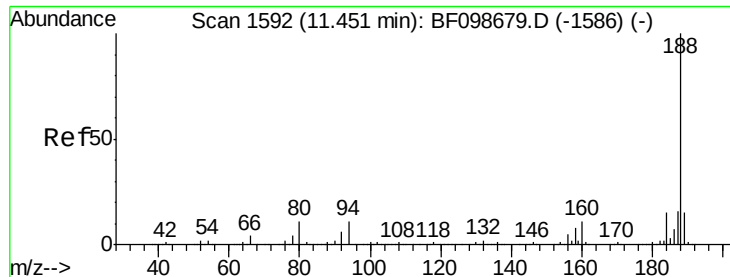
Tot Ion:138 Resp: 232679
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 38.68 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion: 77 Resp: 814457
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 24.9 3.0 43.0
51 27.9 9.9 49.9

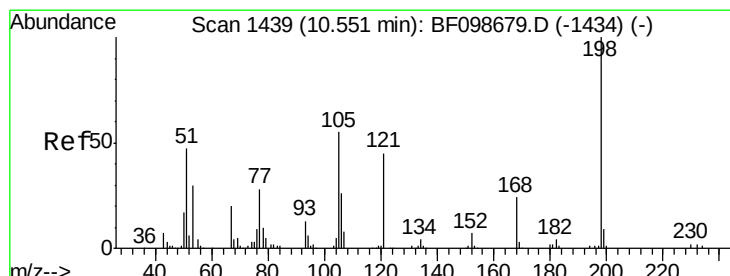
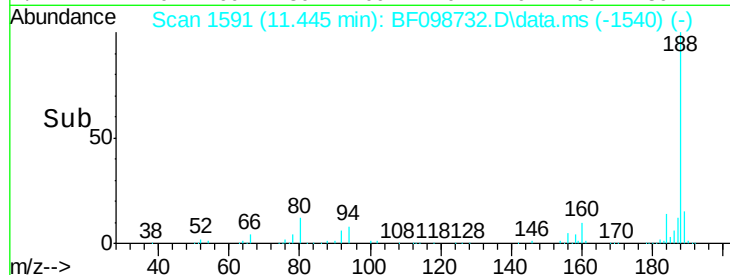
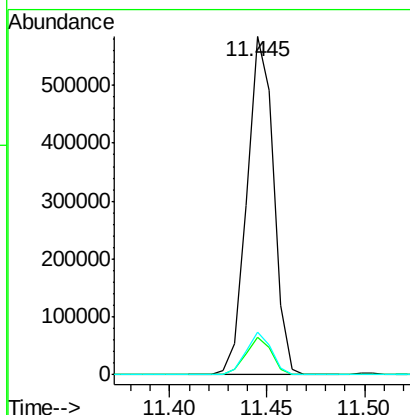
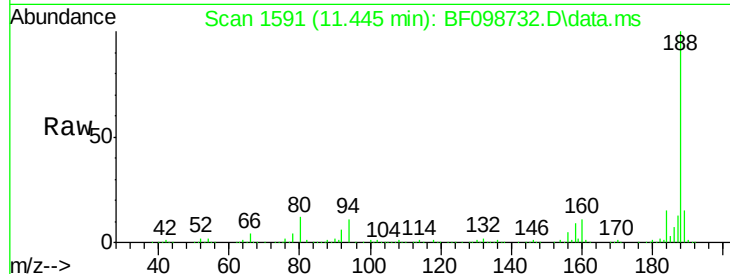




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.445 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

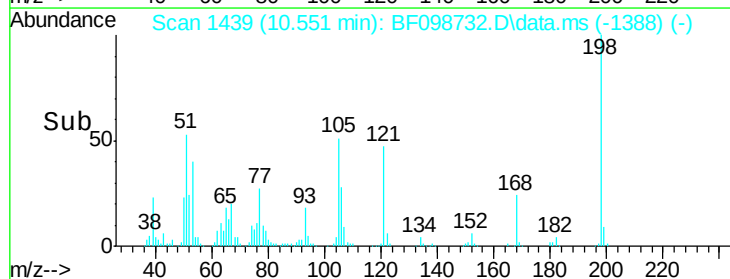
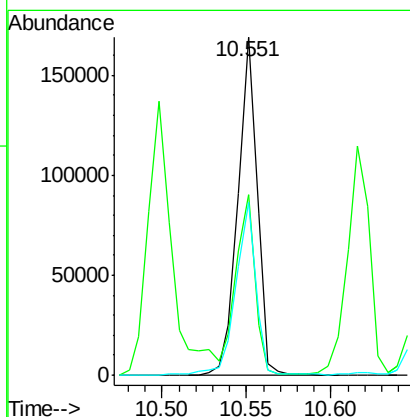
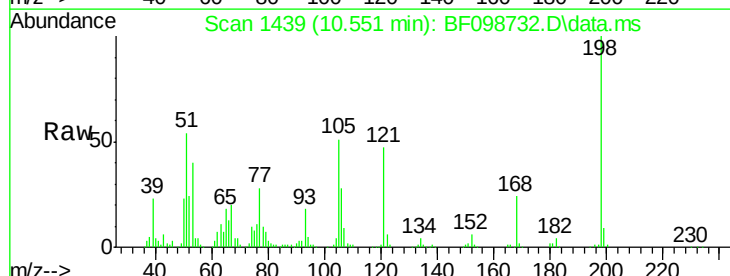
Instrument :
 BNA_F
 ClientSampleId :

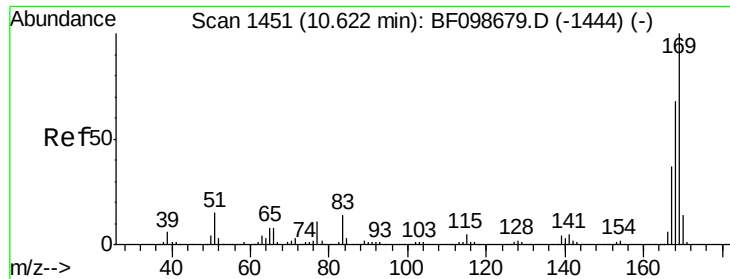
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.4	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.52 ng
 RT: 10.551 min Scan# 1439
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.6	37.7	77.7
105	51.2	36.3	76.3

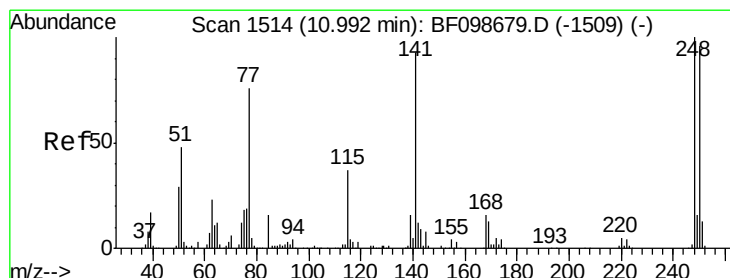
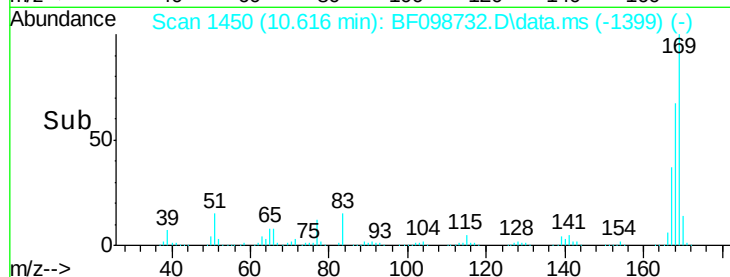
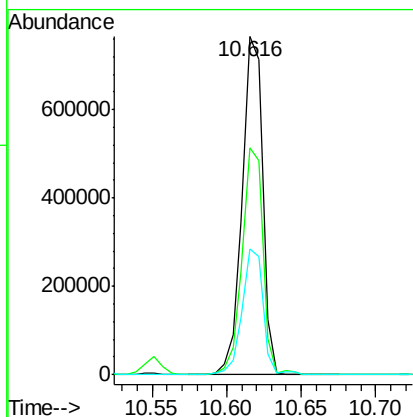
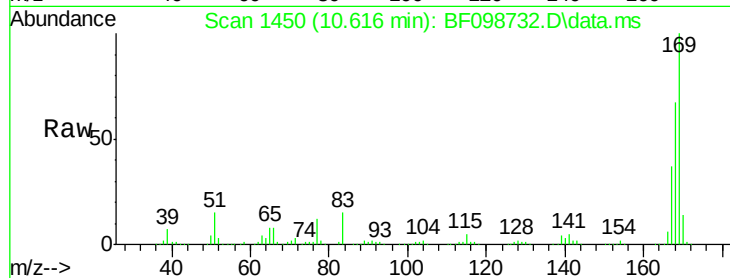




#65
 n-Nitrosodiphenylamine
 Concen: 38.61 ng
 RT: 10.616 min Scan# 1451
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

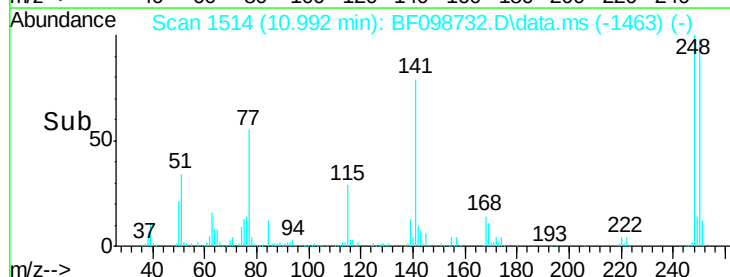
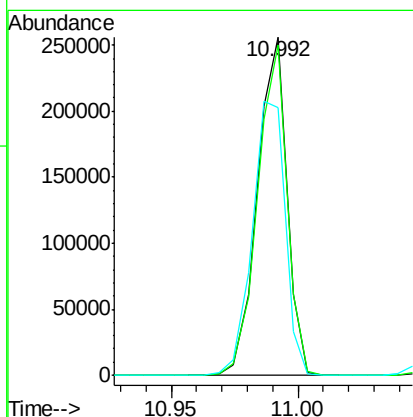
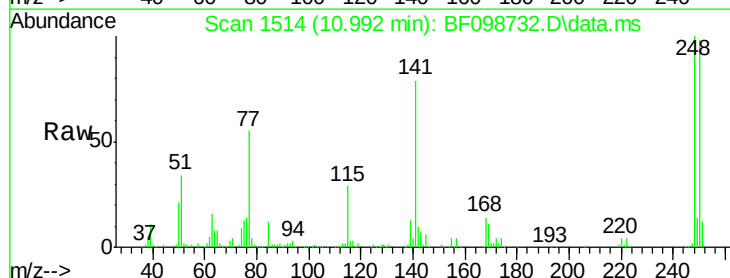
Instrument :
 BNA_F
 ClientSampleId :

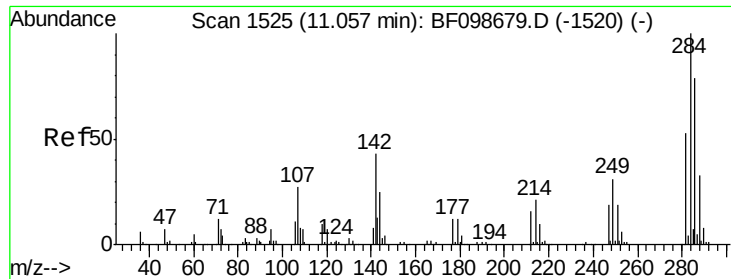
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.4	81.6
167	37.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.70 ng
 RT: 10.992 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.9	115.3
141	79.2	74.4	111.6





#67

Hexachlorobenzene

Concen: 35.11 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampled :

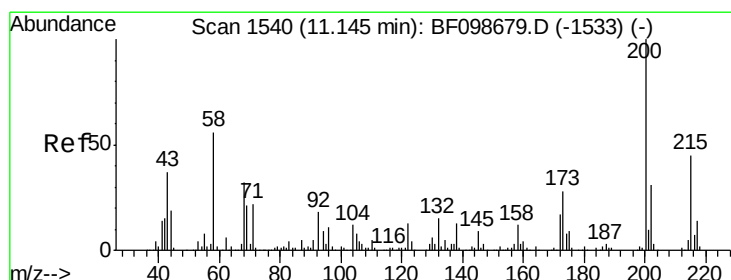
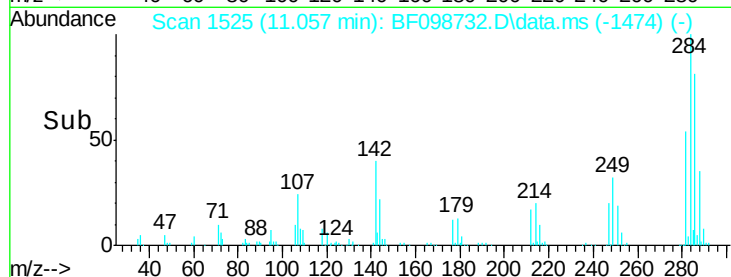
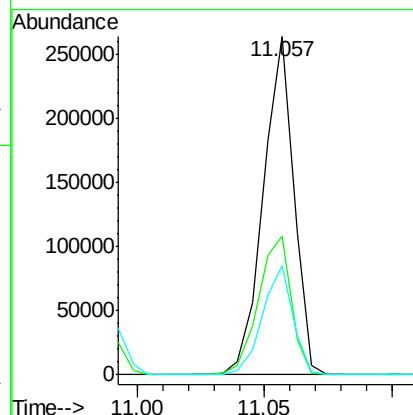
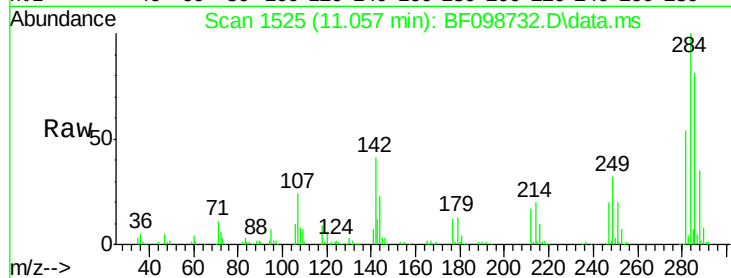
Tot Ion:284 Resp: 222485

Ion Ratio Lower Upper

284 100

142 40.8 34.6 52.0

249 32.4 24.8 37.2



#68

Atrazine

Concen: 39.36 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

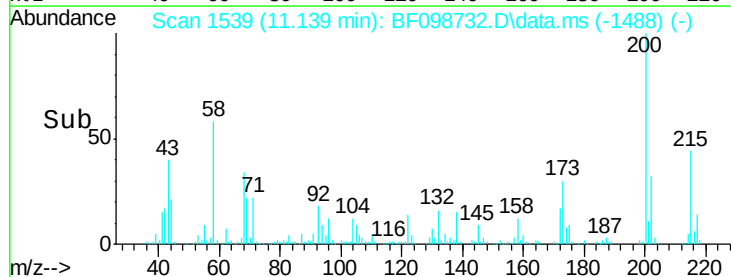
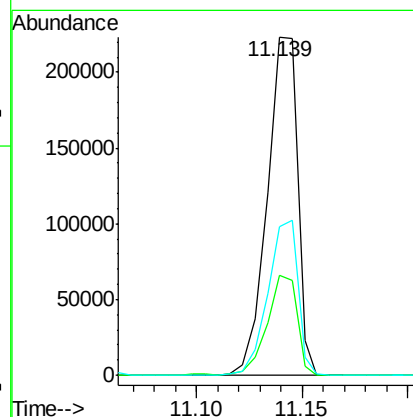
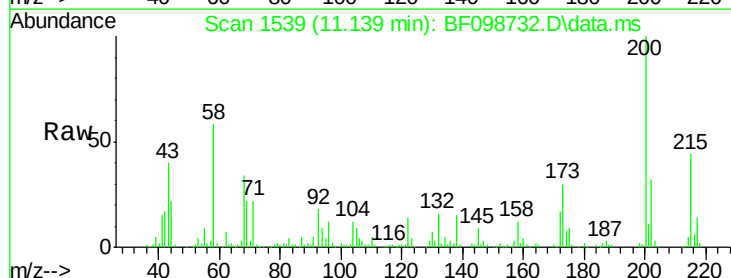
Tgt Ion:200 Resp: 224449

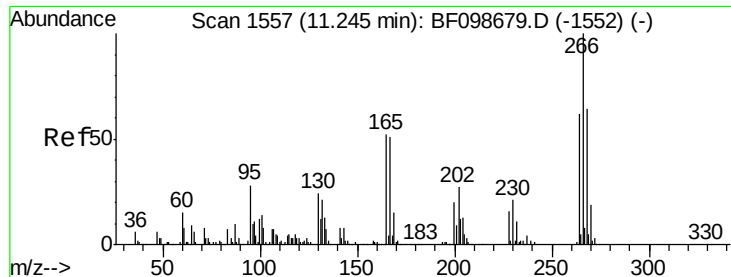
Ion Ratio Lower Upper

200 100

173 29.6 8.6 48.6

215 44.0 25.1 65.1





#69

Pentachlorophenol

Concen: 40.65 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

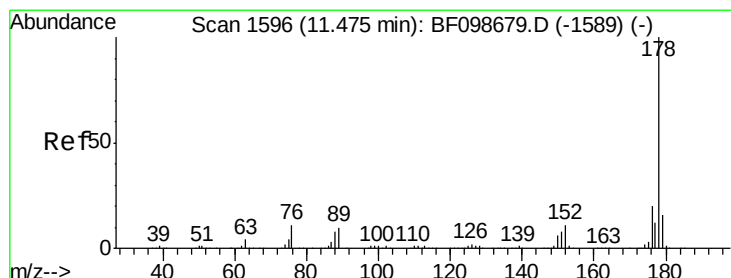
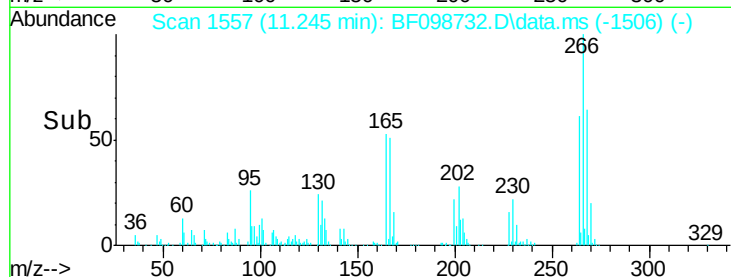
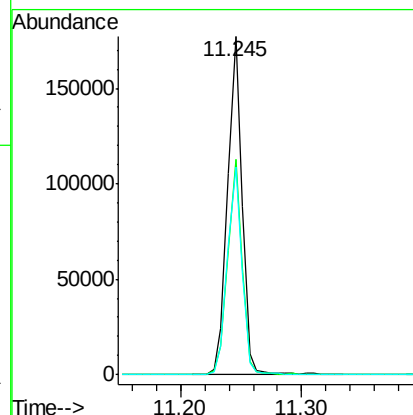
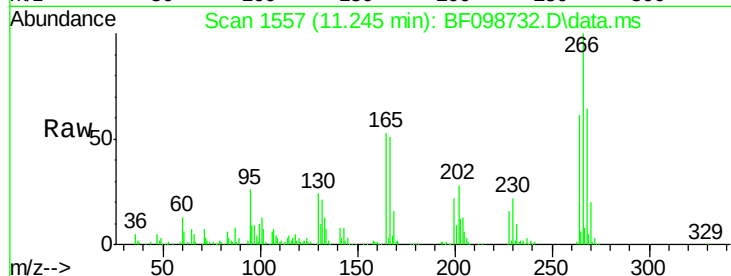
Tot Ion:266 Resp: 147220

Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

264 61.4 49.5 74.3



#70

Phenanthrene

Concen: 37.64 ng

RT: 11.475 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

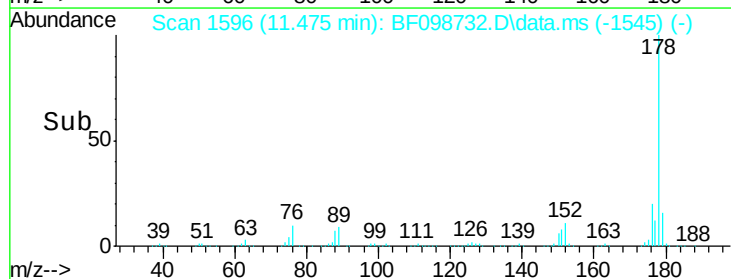
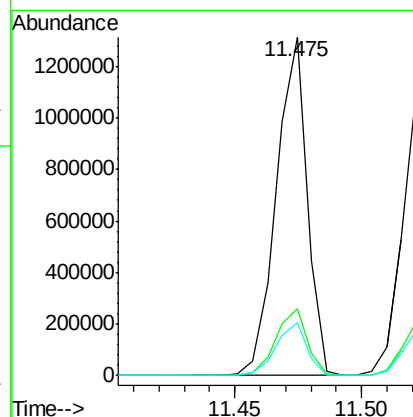
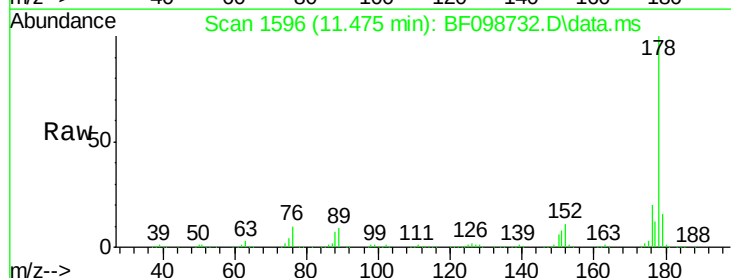
Tgt Ion:178 Resp: 1124449

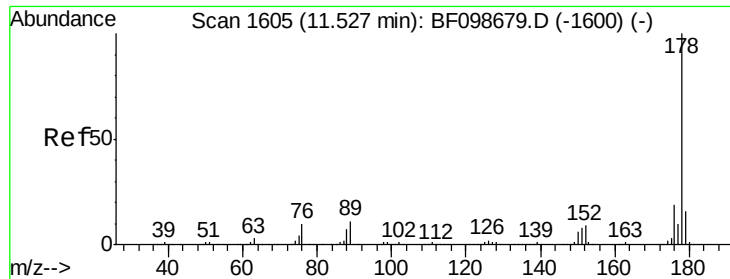
Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.5 13.0 19.6

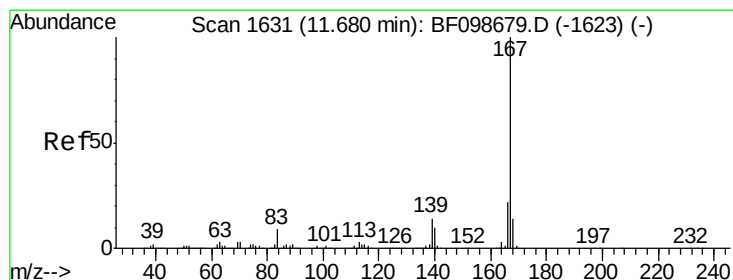
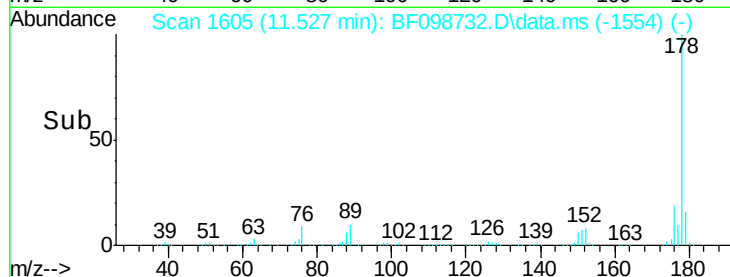
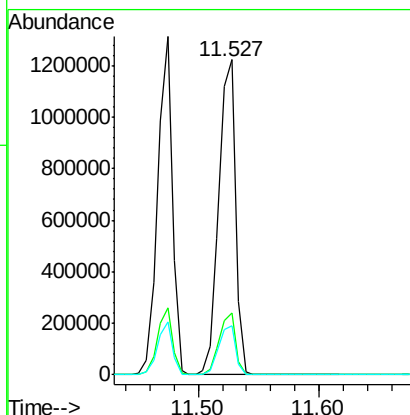
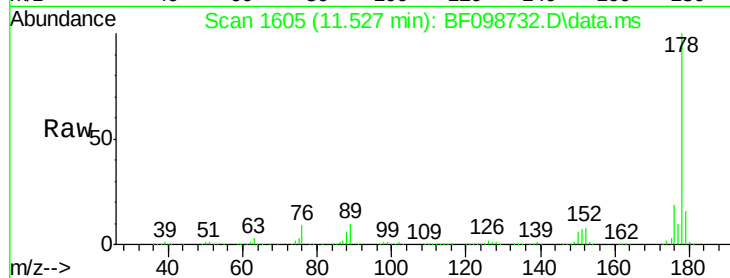




#71
 Anthracene
 Concen: 38.27 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

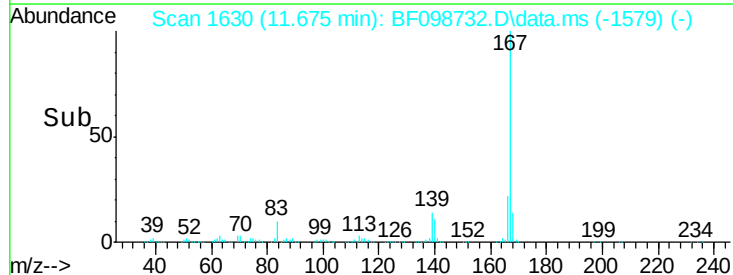
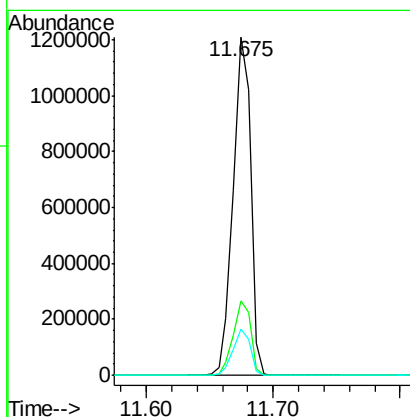
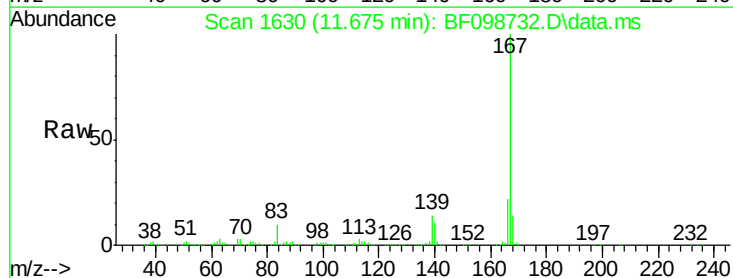
Instrument :
 BNA_F
 ClientSampleId :

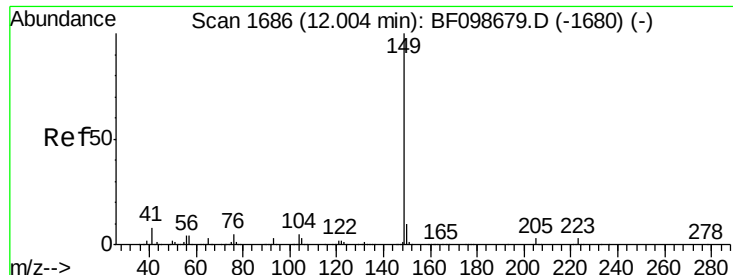
Tot Ion:178 Resp: 1165863
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.60 ng
 RT: 11.675 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion:167 Resp: 1148874
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.8 10.9 16.3

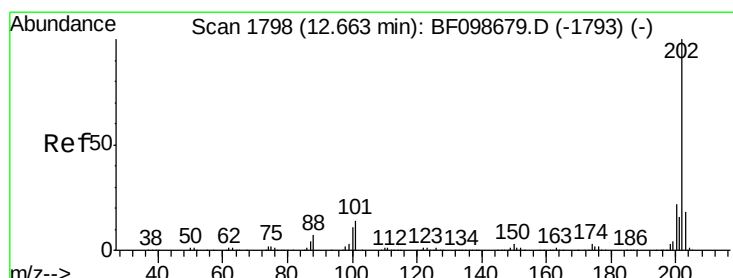
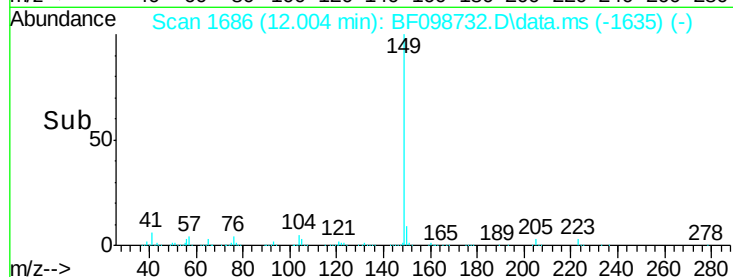
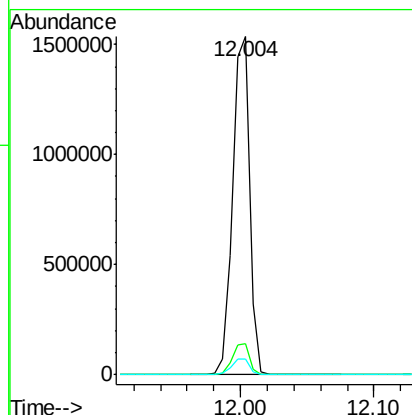
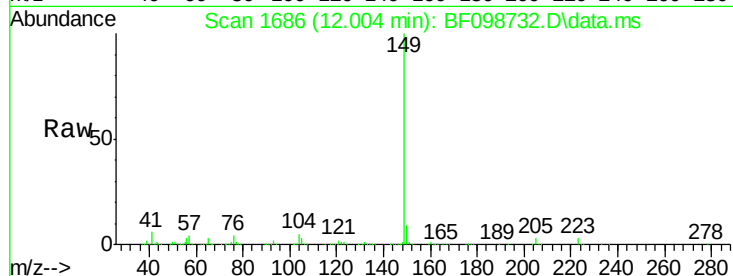




#73
Di-n-butylphthalate
Concen: 40.16 ng
RT: 12.004 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

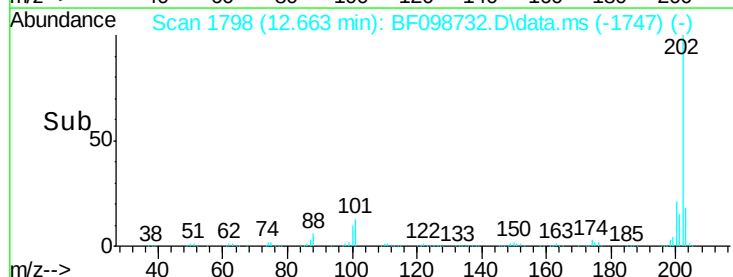
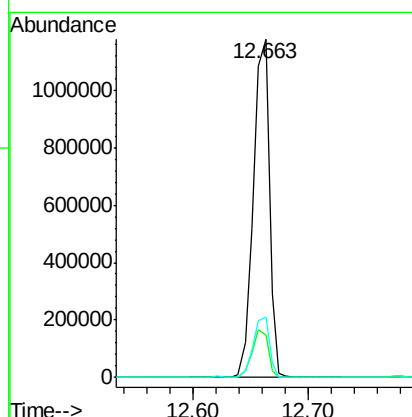
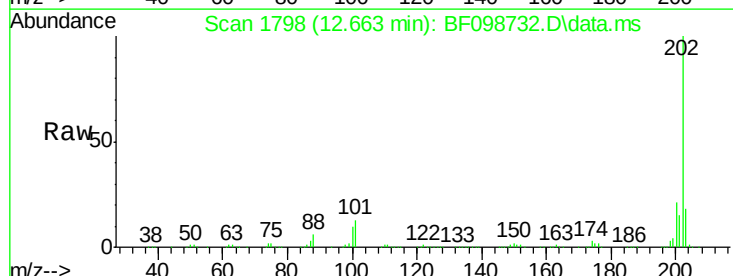
Instrument :
BNA_F
ClientSampleId :

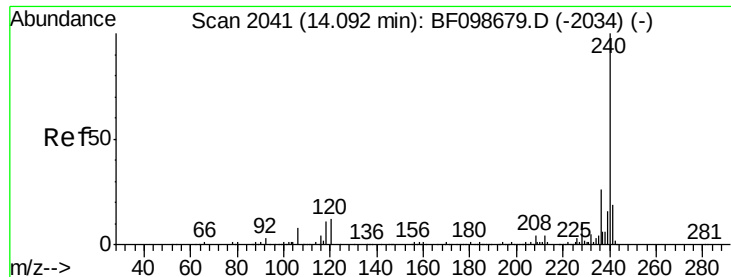
Tot Ion:149 Resp: 1388541
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 38.37 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion:202 Resp: 1142317
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.086 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampled :

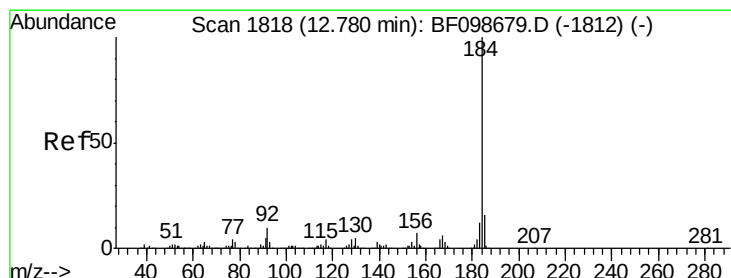
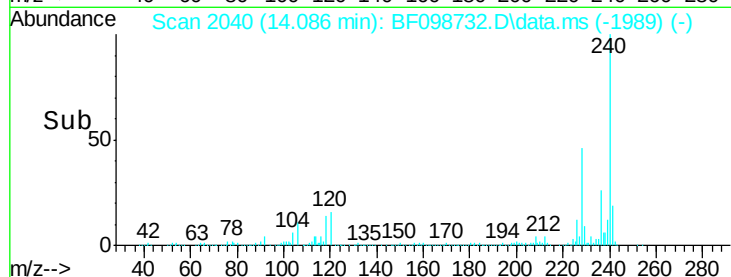
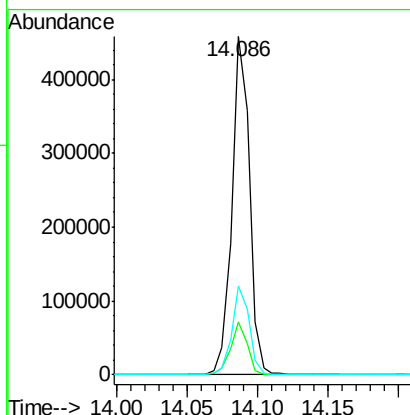
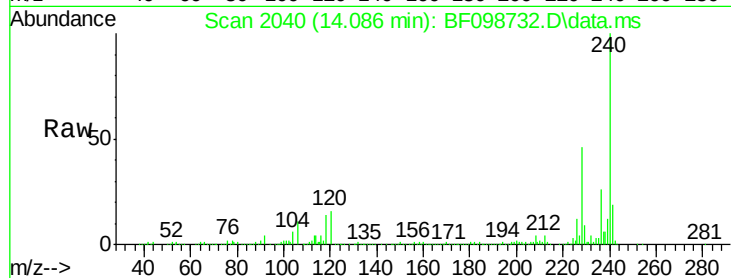
Tot Ion:240 Resp: 396837

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

236 26.1 20.7 31.1



#76

Benzidine

Concen: 35.91 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

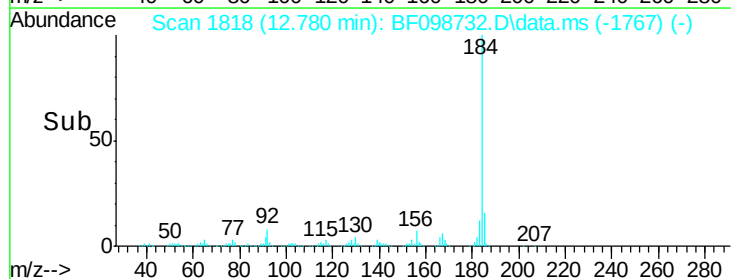
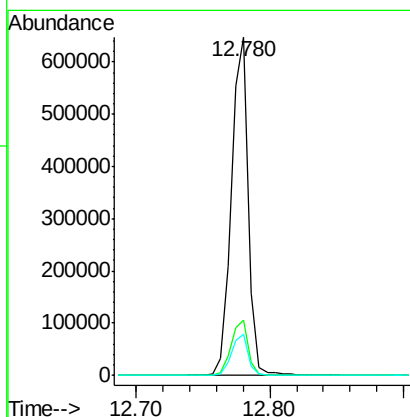
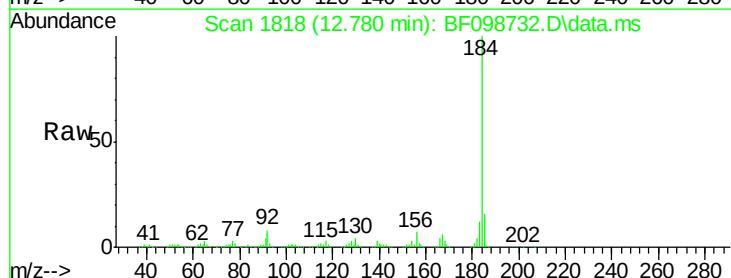
Tgt Ion:184 Resp: 578618

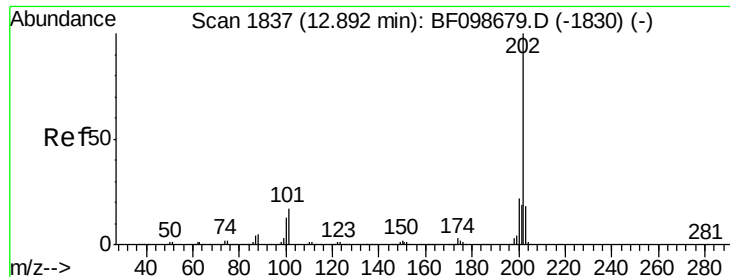
Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

183 12.1 9.3 13.9

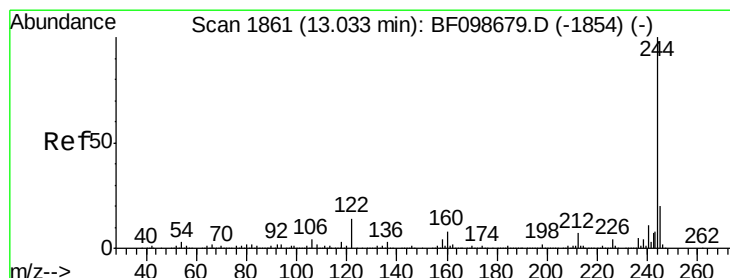
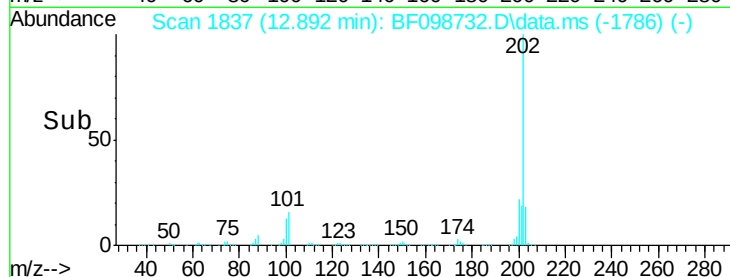
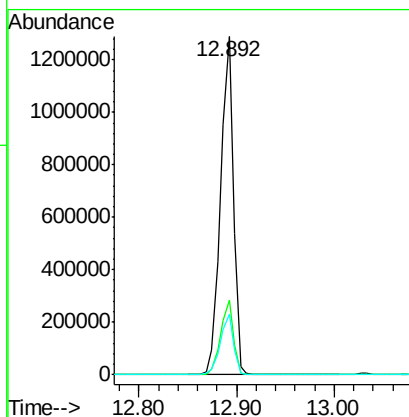
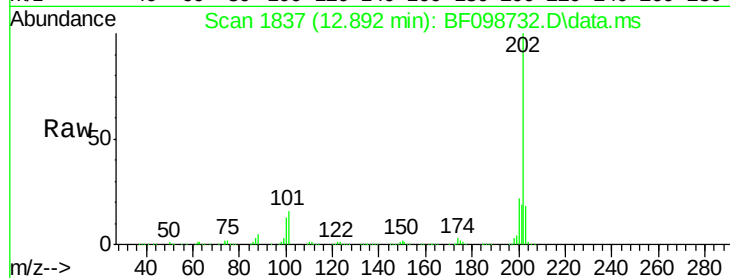




#77
Pvrene
Concen: 40.25 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

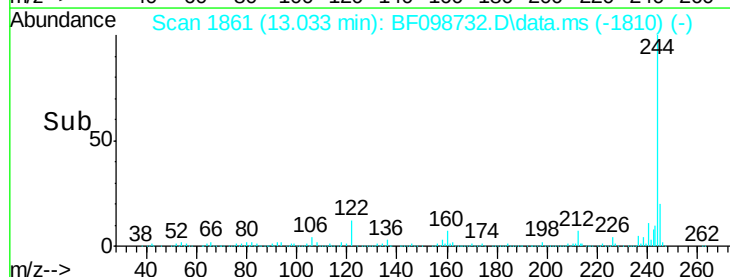
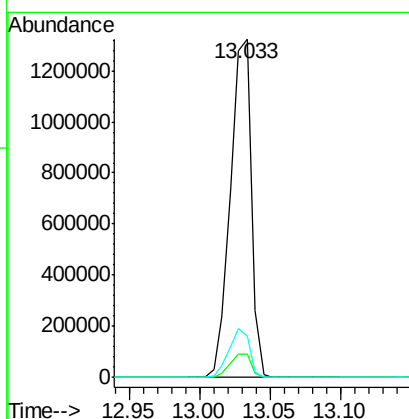
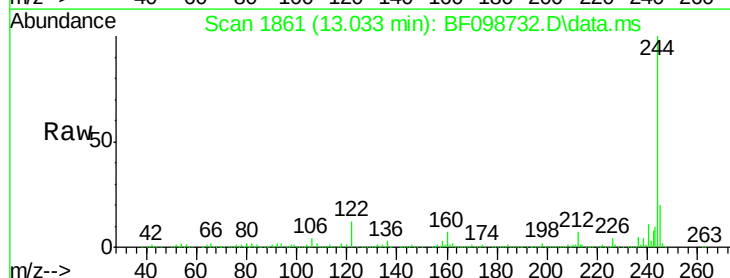
Instrument :
BNA_F
ClientSampleId :

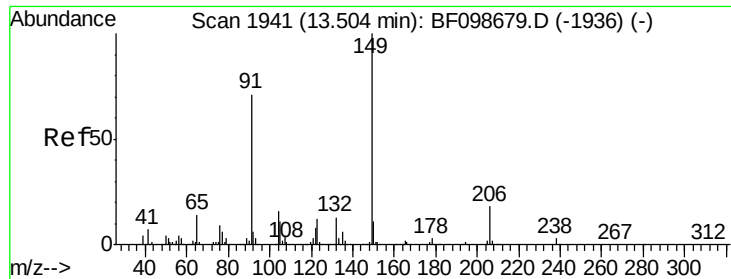
Tot Ion:202 Resp: 1185960
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 74.21 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion:244 Resp: 1371513
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.3 11.0 16.4

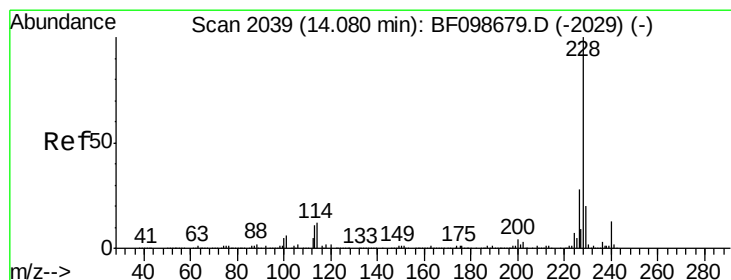
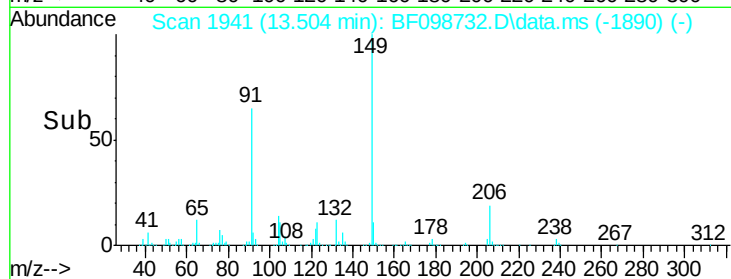
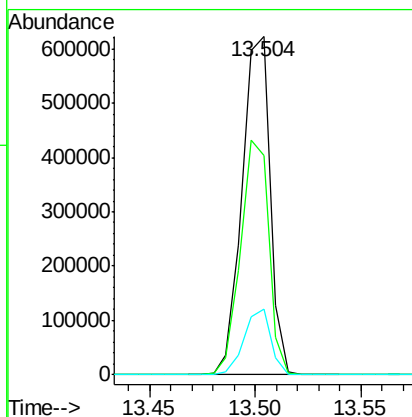
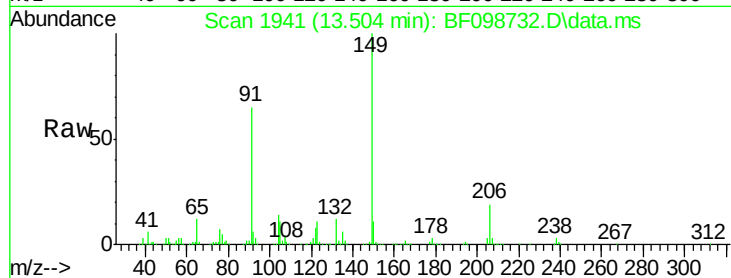




#79
Butylbenzylphthalate
Concen: 47.21 ng
RT: 13.504 min Scan# 19
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

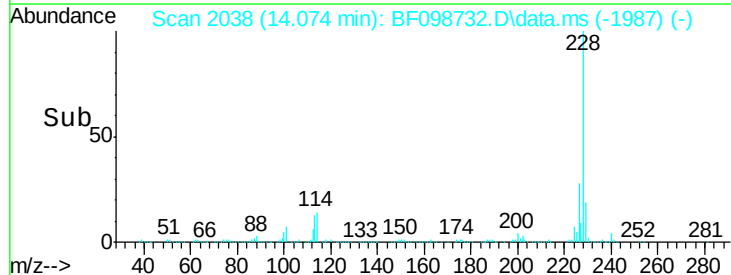
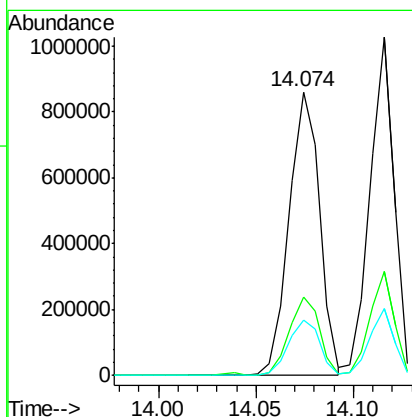
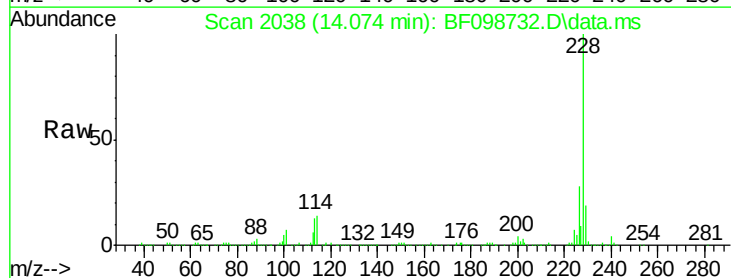
Instrument :
BNA_F
ClientSampled :

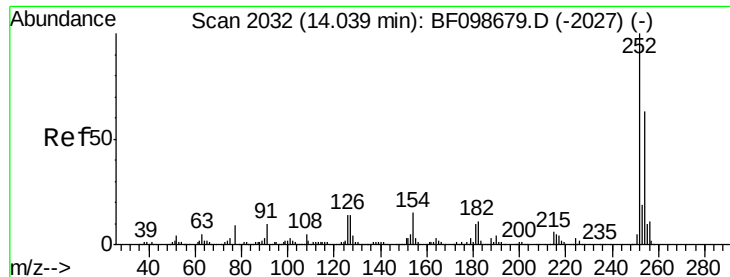
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.8	56.8	85.2
206	19.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF098732.D
Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 41.01 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

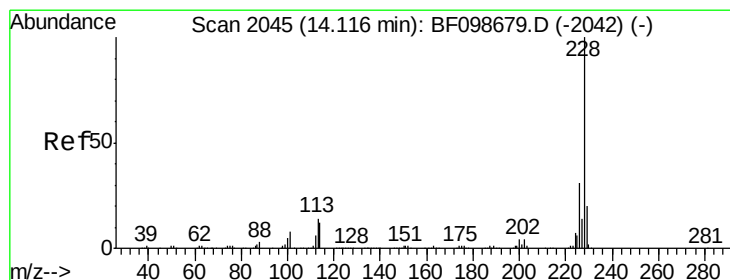
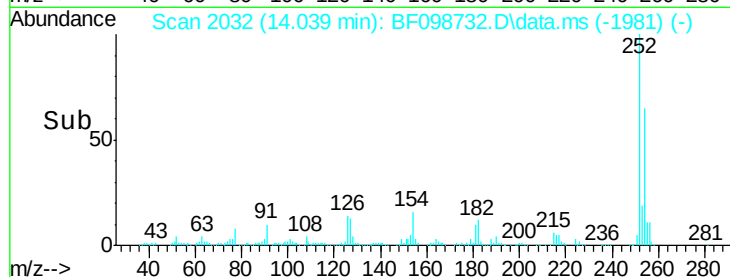
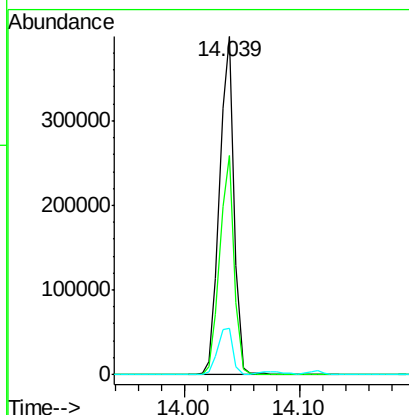
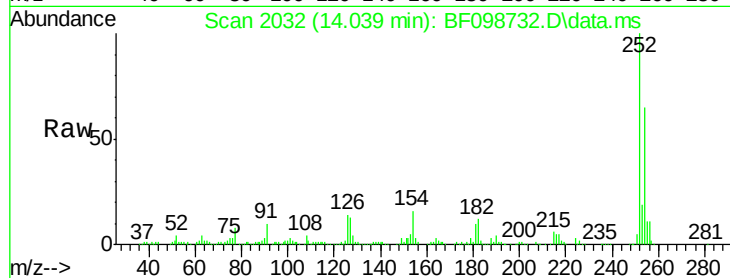
Tot Ion:252 Resp: 349789

Ion Ratio Lower Upper

252 100

254 64.7 50.4 75.6

126 13.8 11.3 16.9



#82

Chrysene

Concen: 38.54 ng

RT: 14.116 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

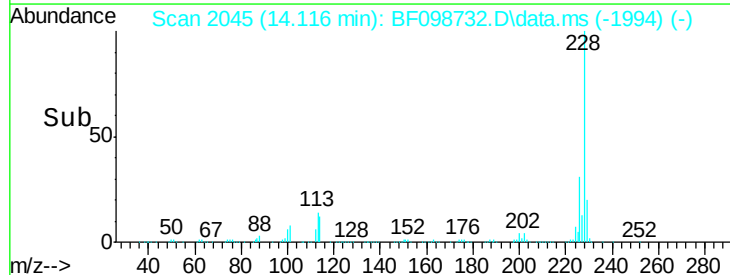
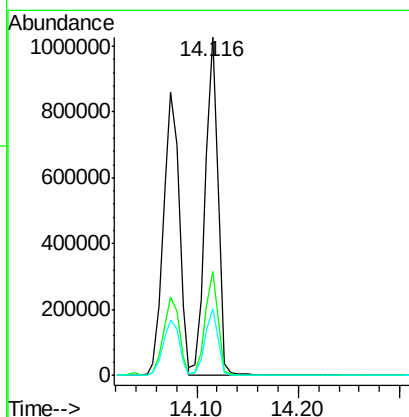
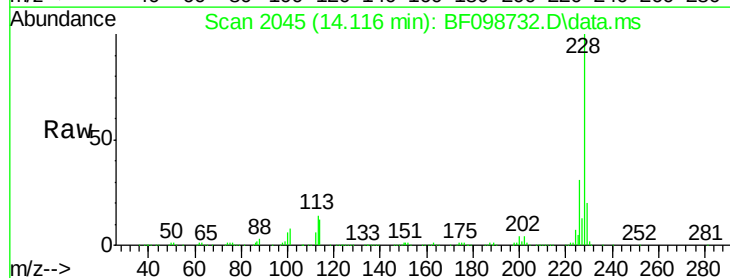
Tgt Ion:228 Resp: 889677

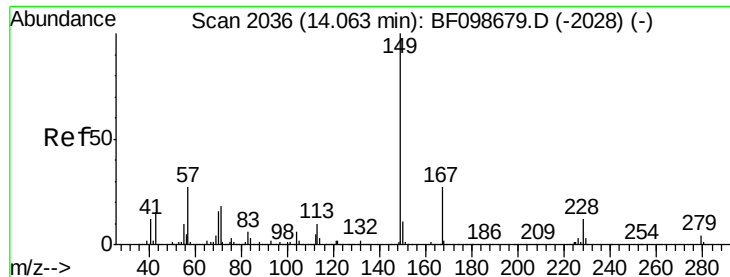
Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.38 ng

RT: 14.057 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

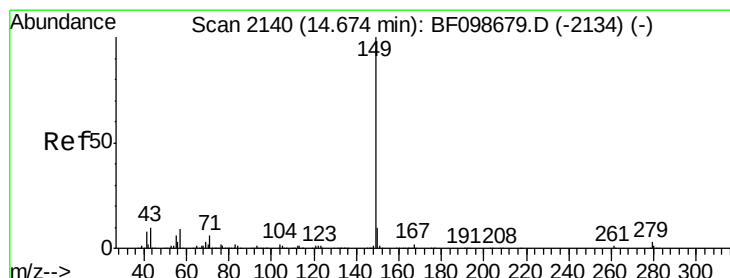
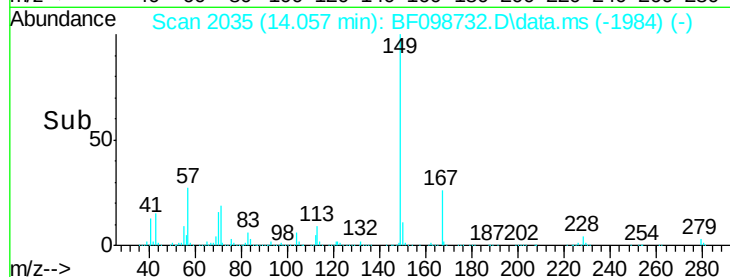
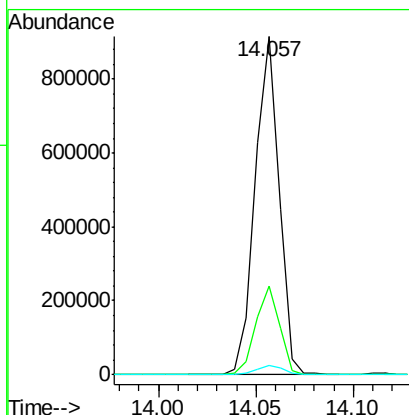
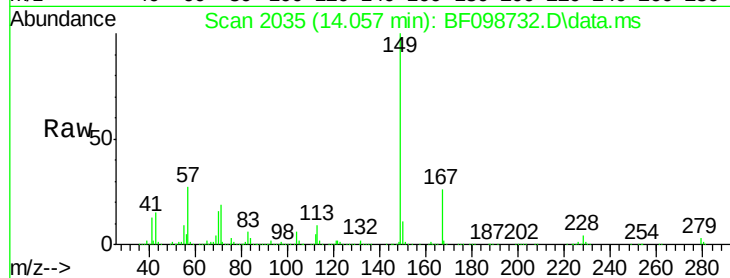
Tot Ion:149 Resp: 781947

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

279 2.7 3.0 4.4#



#84

Di-n-octyl phthalate

Concen: 48.35 ng

RT: 14.668 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

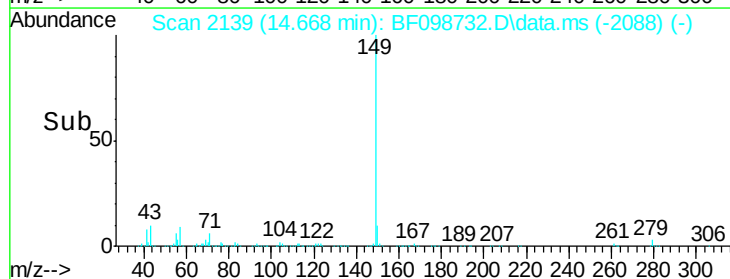
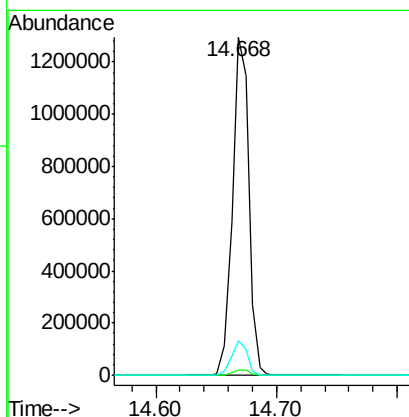
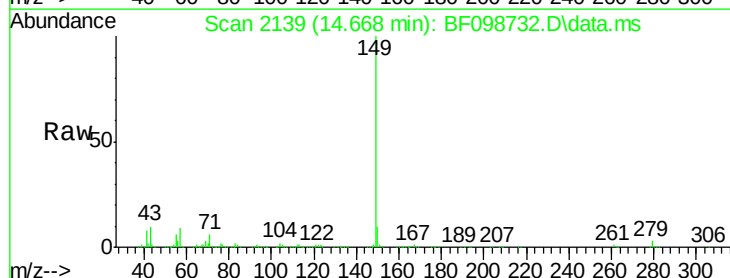
Tgt Ion:149 Resp: 1224209

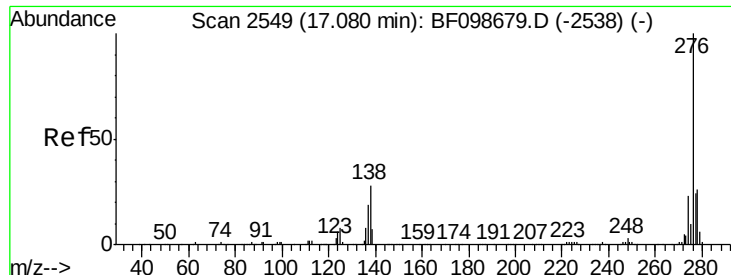
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 8.4 12.6

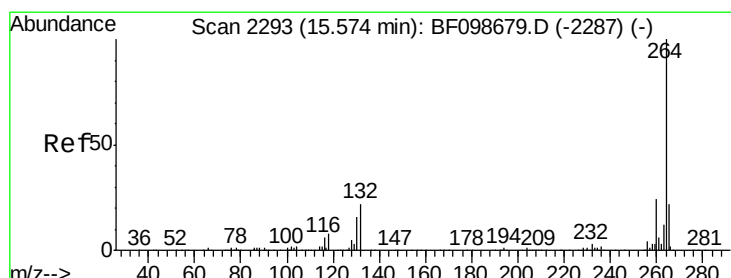
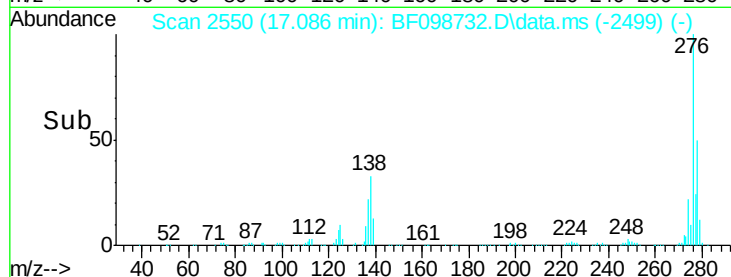
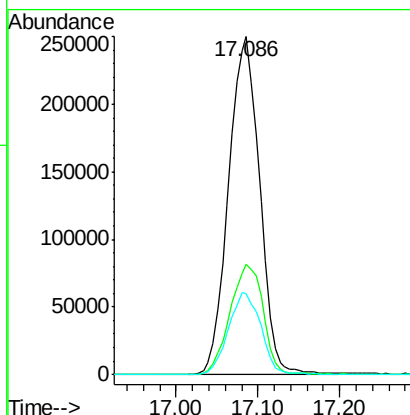
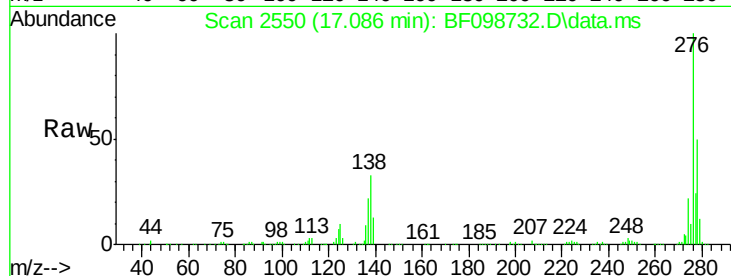




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.03 ng
 RT: 17.086 min Scan# 2549
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

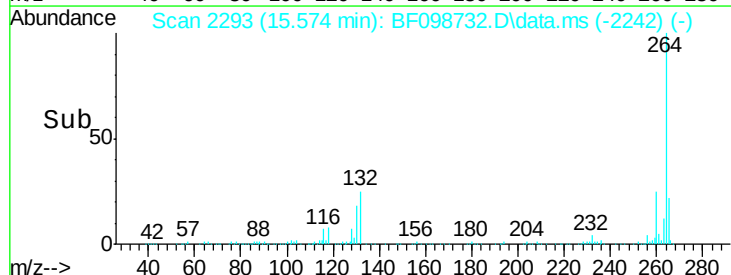
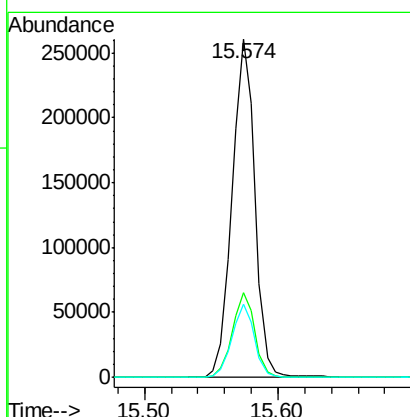
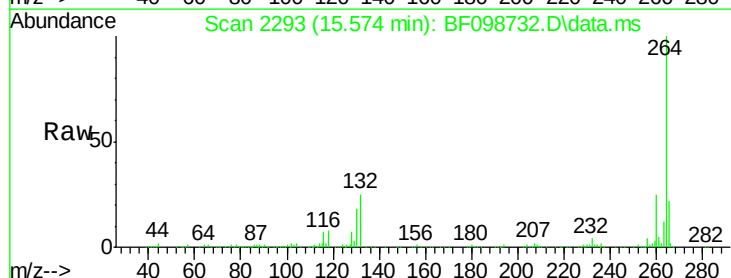
Instrument :
 BNA_F
 ClientSampleId :

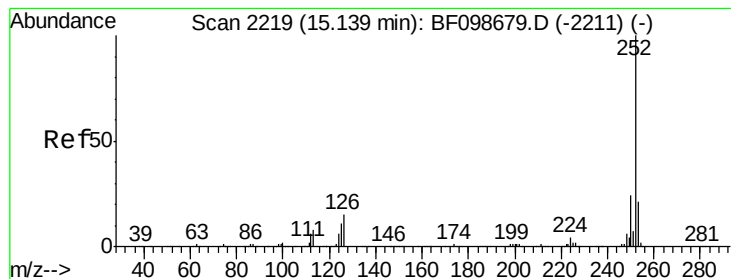
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF098732.D
 Acq: 23 Sep 2017 11:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.06 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

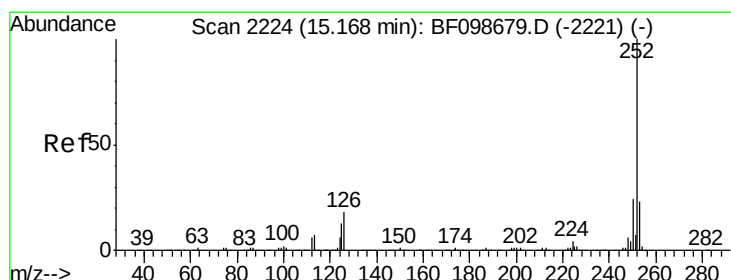
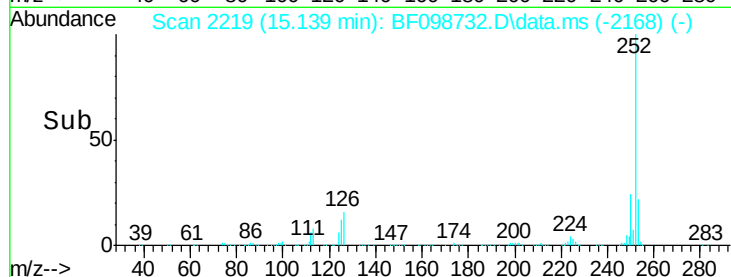
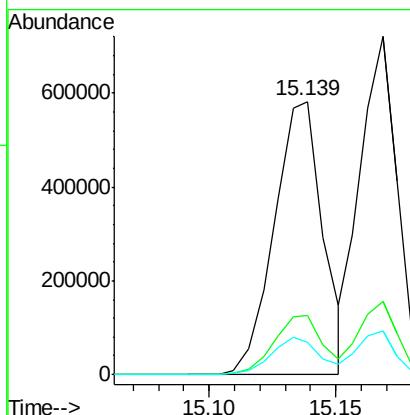
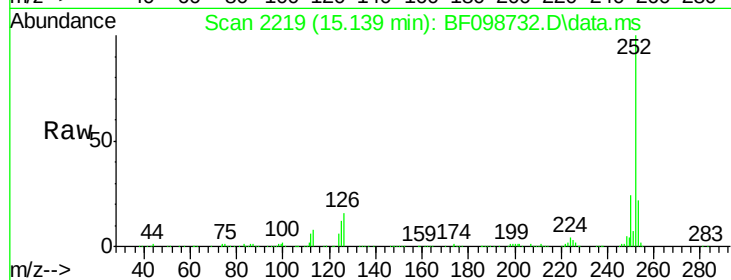
Tot Ion:252 Resp: 779892

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 11.9 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 41.21 ng

RT: 15.168 min Scan# 2224

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

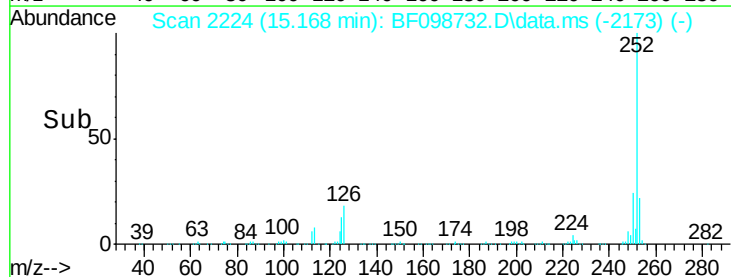
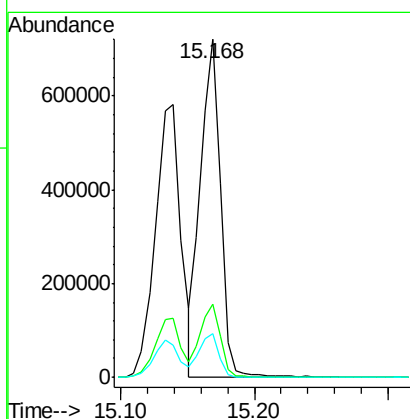
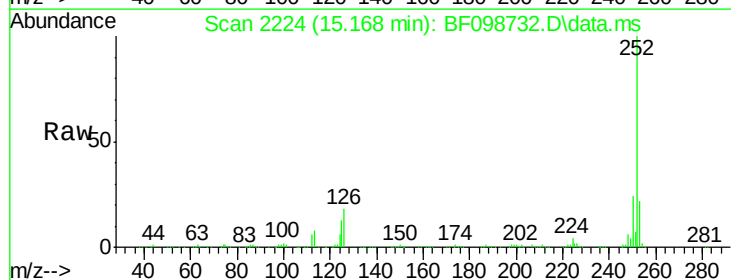
Tgt Ion:252 Resp: 745812

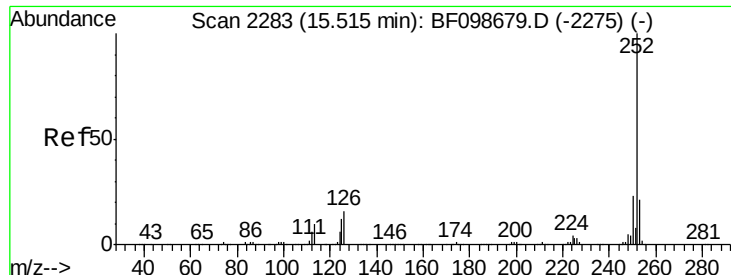
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.47 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

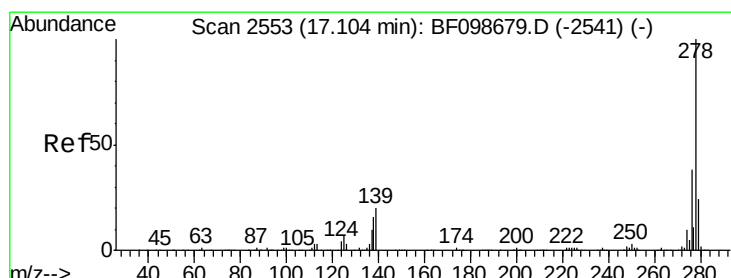
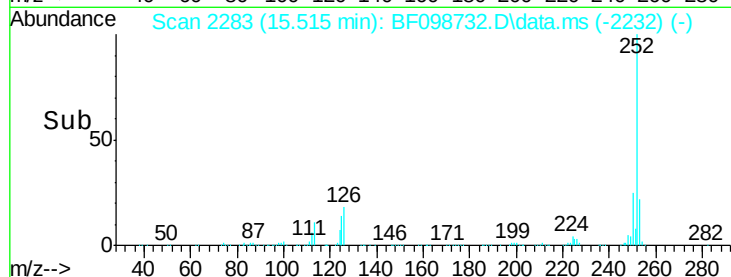
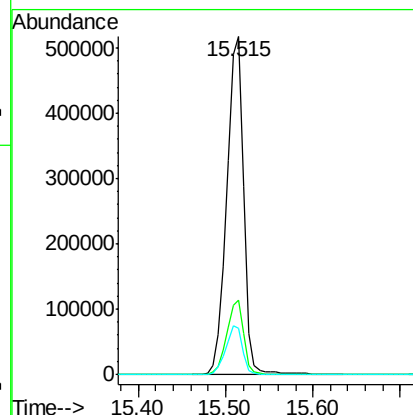
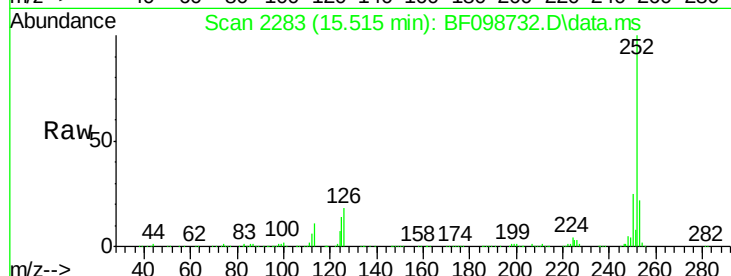
Tot Ion:252 Resp: 698561

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 13.7 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 39.22 ng

RT: 17.104 min Scan# 2553

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

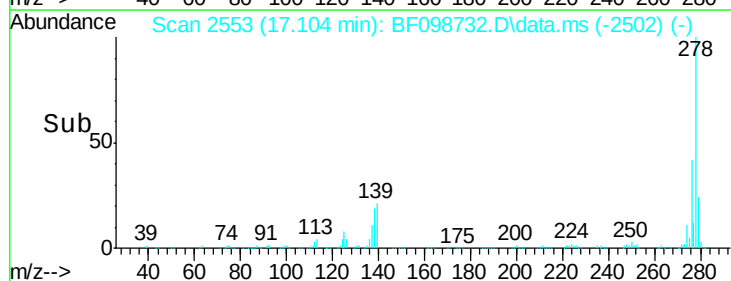
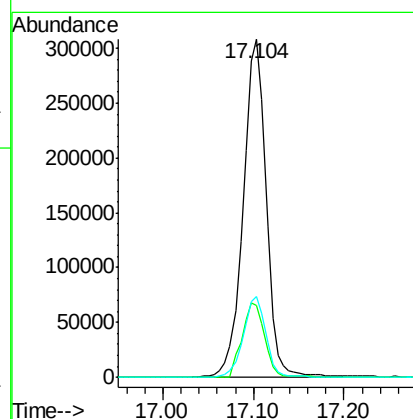
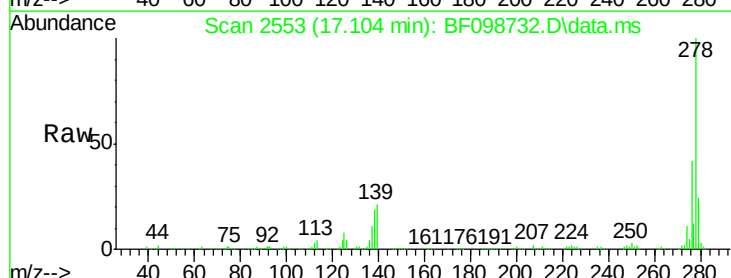
Tgt Ion:278 Resp: 545611

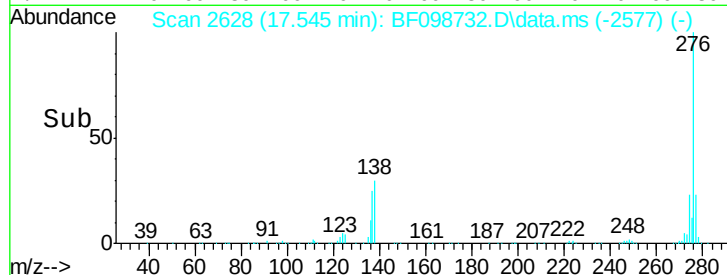
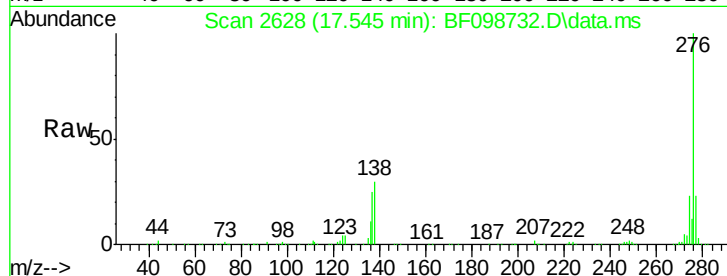
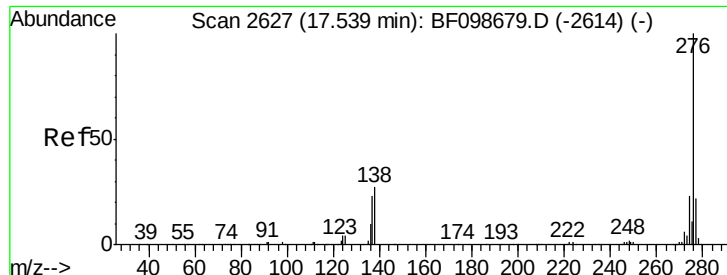
Ion Ratio Lower Upper

278 100

139 21.4 15.9 23.9

279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.69 ng

RT: 17.545 min Scan# 26

Delta R.T. 0.000 min

Lab File: BF098732.D

Acq: 23 Sep 2017 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 540991

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 29.9 21.8 32.8

