

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098609.D
 Acq On : 18 Sep 2017 18:33
 Operator : SJ/JU
 Sample : I5244-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:36:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	117104	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	476836	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	208245	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	329000	20.00	ng	0.00
75) Chrysene-d12	13.79	240	205257	20.00	ng	0.00
86) Perylene-d12	15.18	264	186460	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	640352	80.85	ng	0.01
7) Phenol-d6	6.29	99	774126	76.98	ng	0.00
23) Nitrobenzene-d5	7.21	82	486900	56.93	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	131210	94.40	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	806589	65.65	ng	0.00
78) Terphenyl-d14	12.73	244	517797	54.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	71540	17.500	ng	# 88
4) n-Nitrosodimethylamine	2.92	42	110974	20.850	ng	82
8) 2-Chlorophenol	6.43	128	230984	26.521	ng	100
9) Benzaldehyde	6.18	77	119404	18.164	ng	90
10) Phenol	6.30	94	284950	24.395	ng	92
11) bis(2-Chloroethyl)ether	6.37	93	213102	24.198	ng	93
12) 1,3-Dichlorobenzene	6.57	146	235065	26.815	ng	98
13) 1,4-Dichlorobenzene	6.65	146	240524	26.787	ng	95
14) 1,2-Dichlorobenzene	6.80	146	224287	27.417	ng	98
15) Benzyl Alcohol	6.79	79	197349	29.487	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	344074	23.745	ng	# 23
17) 2-Methylphenol	6.92	107	185357	26.100	ng	# 85
18) Hexachloroethane	7.14	117	79047	22.987	ng	# 87
19) n-Nitroso-di-n-propylamine	7.06	70	167619	26.499	ng	97
20) 3+4-Methylphenols	7.07	107	249933	27.887	ng	# 63
22) Acetophenone	7.05	105	332118	26.949	ng	92
24) Nitrobenzene	7.23	77	242931	24.935	ng	96
25) Isophorone	7.46	82	429910	24.843	ng	99
26) 2-Nitrophenol	7.54	139	117161	29.784	ng	# 74
27) 2,4-Dimethylphenol	7.59	122	195269	26.040	ng	93
28) bis(2-Chloroethoxy)methane	7.68	93	276140	26.151	ng	99
29) 2,4-Dichlorophenol	7.79	162	184412	29.569	ng	94
30) 1,2,4-Trichlorobenzene	7.86	180	197526	29.116	ng	99
31) Naphthalene	7.94	128	645035	27.364	ng	99
32) Benzoic acid	7.72	122	50424	16.329	ng	93
33) 4-Chloroaniline	8.00	127	64013	6.682	ng	99
34) Hexachlorobutadiene	8.06	225	109642	31.482	ng	99
35) Caprolactam	8.37	113	30028	13.963	ng	# 76
36) 4-Chloro-3-methylphenol	8.50	107	199284	25.766	ng	# 83
37) 2-Methylnaphthalene	8.63	142	409496	28.679	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	178415	27.504	ng	99
40) Hexachlorocyclopentadiene	8.78	237	15512	16.993	ng	93
42) 2,4,6-Trichlorophenol	8.92	196	117840	30.928	ng	93
43) 2,4,5-Trichlorophenol	8.97	196	122821	30.841	ng	91

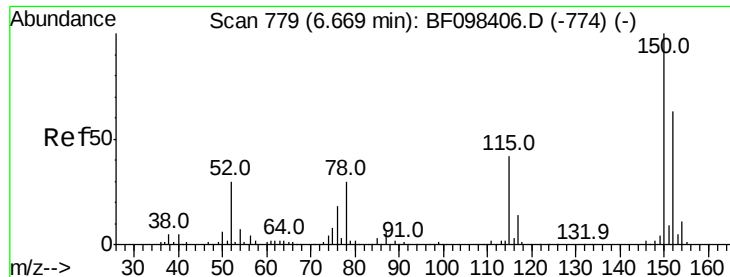
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.10	154	498778	26.760	nq	100
46) 2-Chloronaphthalene	9.12	162	363886	27.336	nq	94
47) 2-Nitroaniline	9.23	65	129248	25.297	nq	98
48) Acenaphthylene	9.53	152	516538	26.098	nq	100
49) Dimethylphthalate	9.40	163	587288	36.433	nq	100
50) 2,6-Dinitrotoluene	9.47	165	94056	28.405	nq #	72
51) Acenaphthene	9.70	154	328901	26.142	nq	98
52) 3-Nitroaniline	9.64	138	75608	18.916	nq	95
53) 2,4-Dinitrophenol	9.76	184	26305	23.540	nq #	84
54) Dibenzofuran	9.87	168	477279	28.796	nq	97
55) 4-Nitrophenol	9.82	139	92220	40.158	nq #	38
56) 2,4-Dinitrotoluene	9.87	165	115555	28.705	nq #	41
57) Fluorene	10.22	166	367330	26.776	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	84698	31.646	nq	94
59) Diethylphthalate	10.10	149	435724	28.422	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	186856	29.488	nq	90
61) 4-Nitroaniline	10.25	138	81460	20.180	nq #	75
62) Azobenzene	10.37	77	394866	23.898	nq	95
64) 4,6-Dinitro-2-methylphenol	10.29	198	30063	18.321	nq #	71
65) n-Nitrosodiphenylamine	10.33	169	327460	30.653	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	100879	32.307	nq	96
67) Hexachlorobenzene	10.76	284	91979	29.040	nq #	83
68) Atrazine	10.86	200	105630	32.118	nq	96
69) Pentachlorophenol	10.97	266	61064	46.715	nq	96
70) Phenanthrene	11.17	178	500427	28.692	nq	98
71) Anthracene	11.23	178	494802	27.632	nq	97
72) Carbazole	11.39	167	411032	24.630	nq	99
73) Di-n-butylphthalate	11.72	149	599573	29.986	nq	99
74) Fluoranthene	12.36	202	460574	26.379	nq	95
77) Pyrene	12.59	202	452055	27.918	nq	99
79) Butylbenzylphthalate	13.21	149	202479	28.825	nq #	85
80) Benzo(a)anthracene	13.77	228	358203	29.766	nq	98
81) 3,3'-Dichlorobenzidine	13.74	252	89924	19.228	nq #	95
82) Chrysene	13.81	228	340872	28.023	nq	97
83) Bis(2-ethylhexyl)phthalate	13.77	149	293520	33.294	nq #	100
84) Di-n-octyl phthalate	14.37	149	487462	32.228	nq	99
85) Indeno(1,2,3-cd)pyrene	16.52	276	265064	31.059	nq #	90
87) Benzo(b)fluoranthene	14.82	252	303946	25.925	nq	97
90) Dibenzo(a,h)anthracene	16.52	278	217666	28.648	nq	96
91) Benzo(g,h,i)perylene	16.91	276	211813	27.716	nq #	89

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

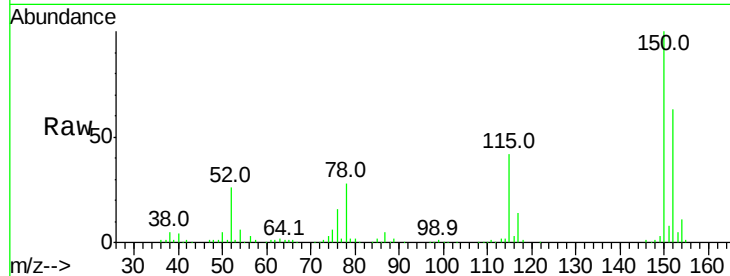


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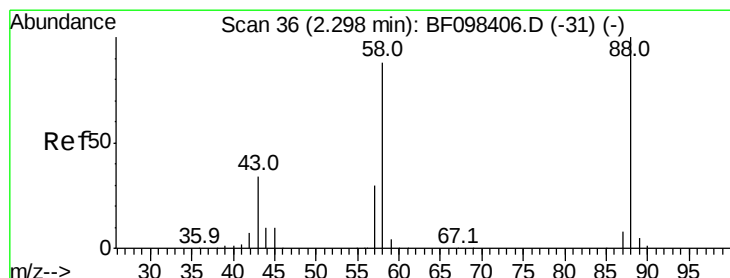
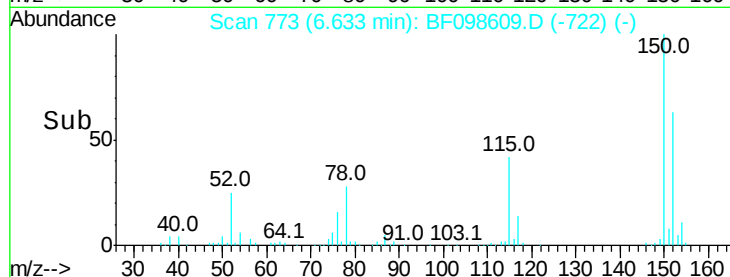
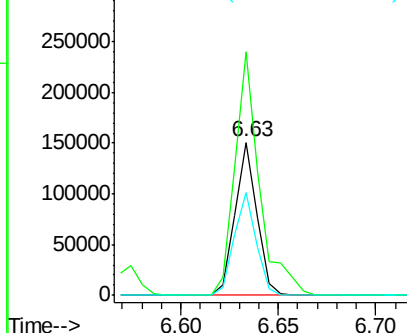
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 117104
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.2 189.2
 115 67.0 52.2 78.2



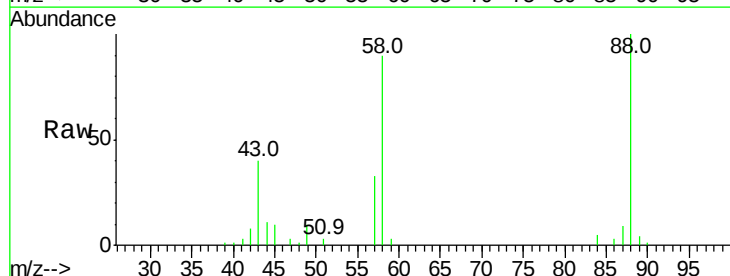
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



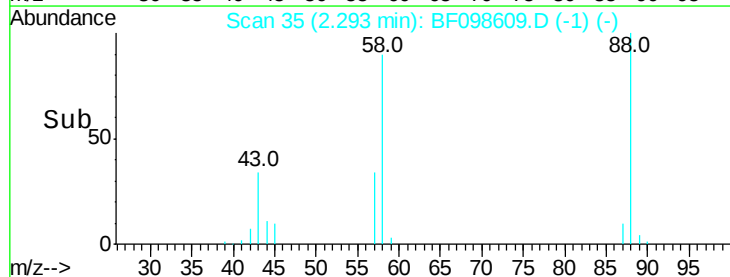
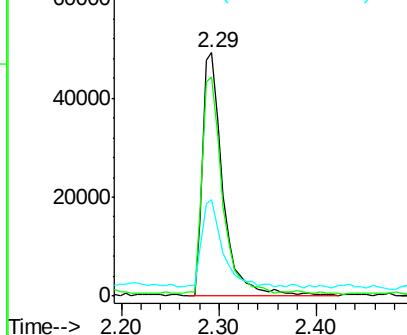
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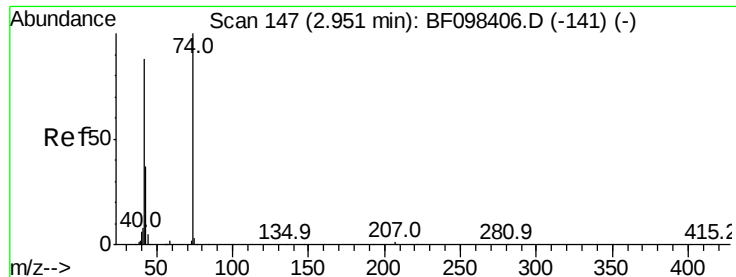
1,4-Dioxane
 Concen: 17.500 ng
 RT: 2.29 min Scan# 35
 Delta R.T. 0.05 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion: 88 Resp: 71540
 Ion Ratio Lower Upper
 88 100
 58 87.5 61.4 92.0
 43 35.7 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0



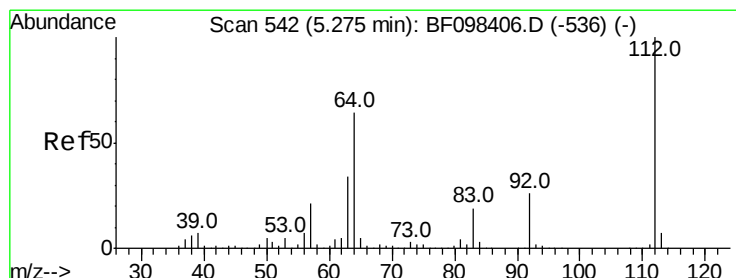
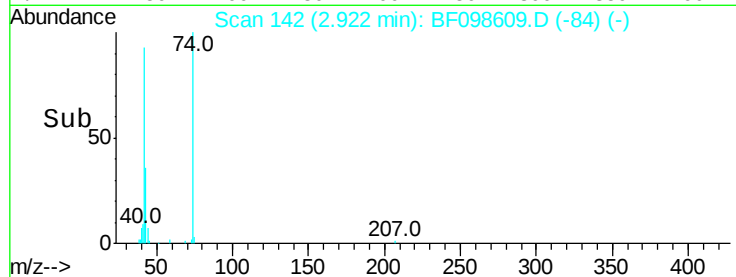
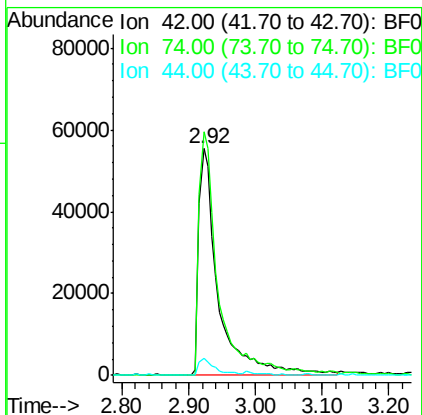
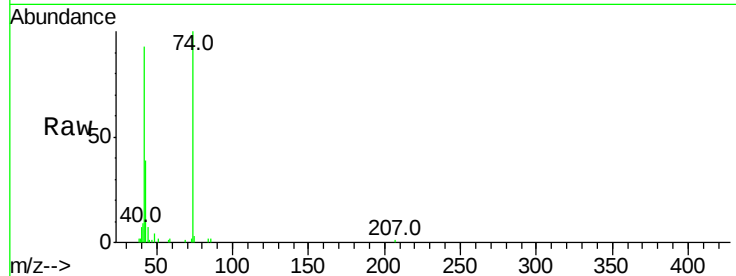


#4

n-Nitrosodimethylamine
 Concen: 20.850 ng
 RT: 2.92 min Scan# 142
 Delta R.T. 0.04 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

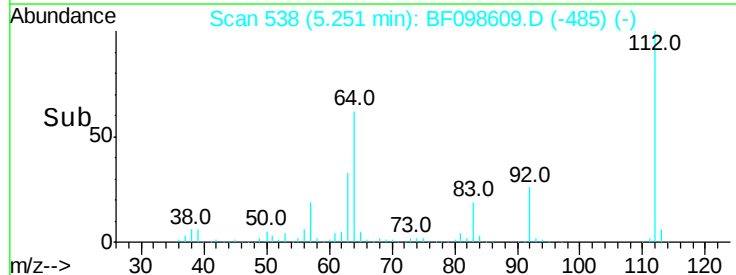
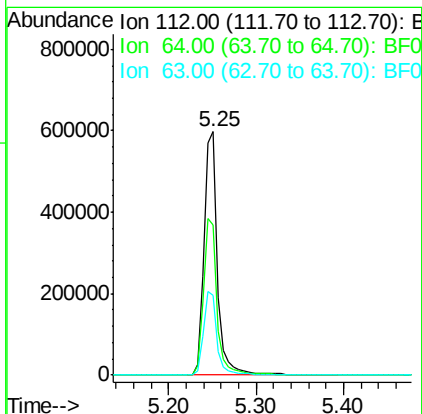
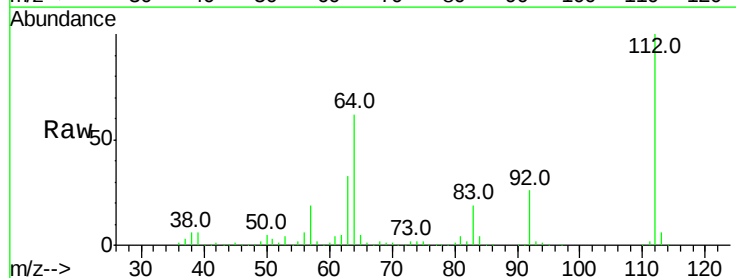
Tot Ion: 42 Resp: 110974
 Ion Ratio Lower Upper
 42 100
 74 107.4 103.9 155.9
 44 7.6 5.7 8.5

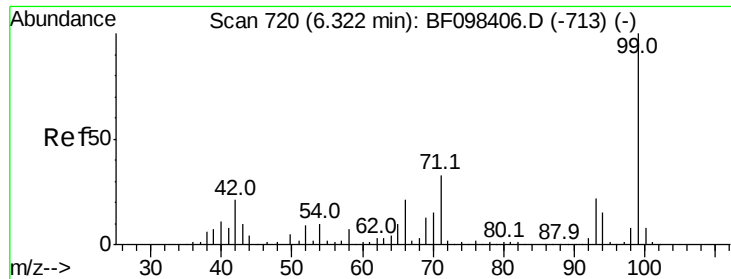


#5

2-Fluorophenol
 Concen: 80.849 ng
 RT: 5.25 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion: 112 Resp: 640352
 Ion Ratio Lower Upper
 112 100
 64 61.5 46.0 69.0
 63 33.0 23.4 35.0





#7

Phenol-d6

Concen: 76.980 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampled :

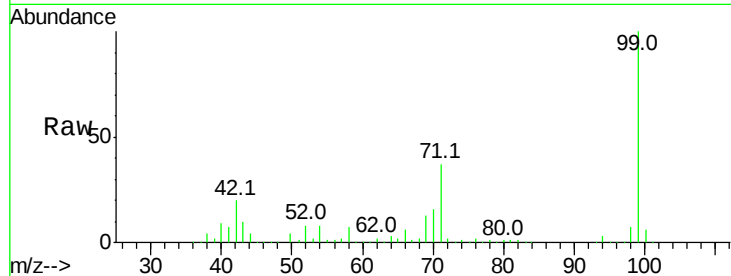
Tot Ion: 99 Resp: 774126

Ion Ratio Lower Upper

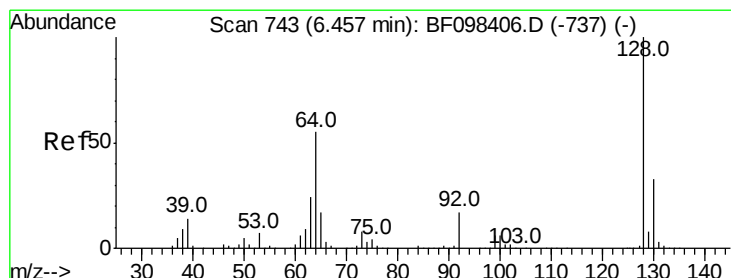
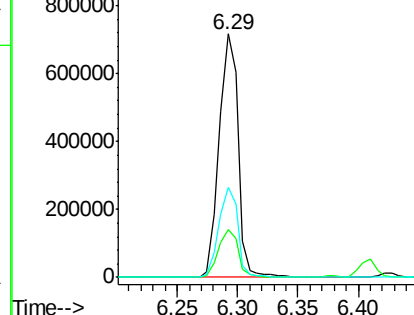
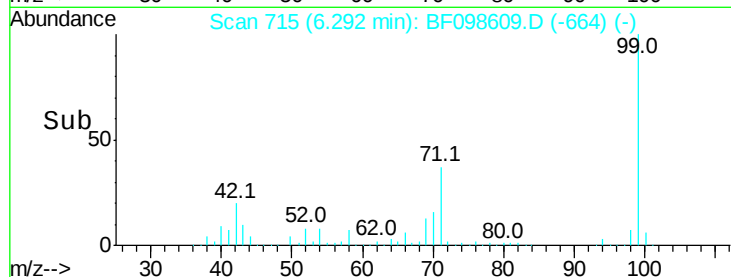
99 100

42 19.7 13.5 20.3

71 36.9 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.521 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

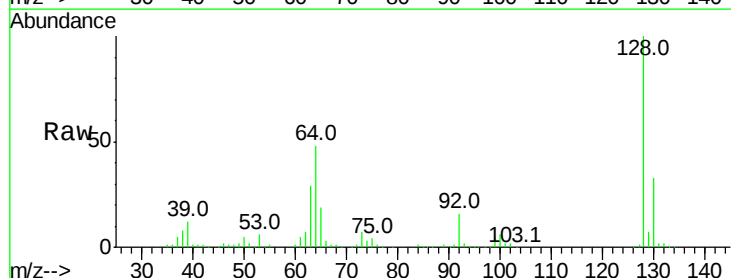
Tgt Ion:128 Resp: 230984

Ion Ratio Lower Upper

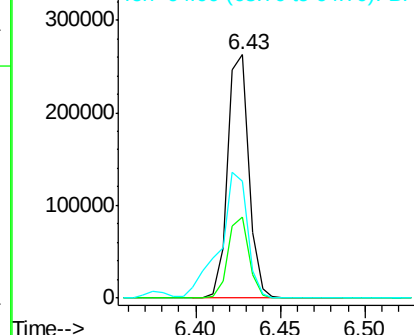
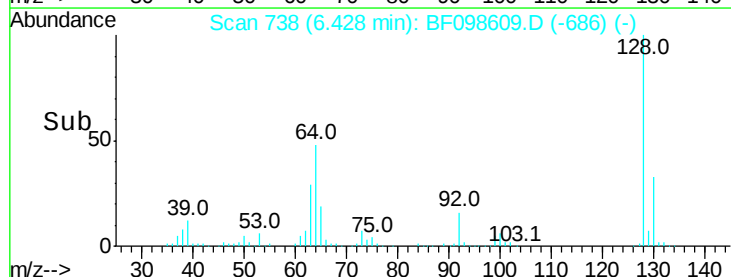
128 100

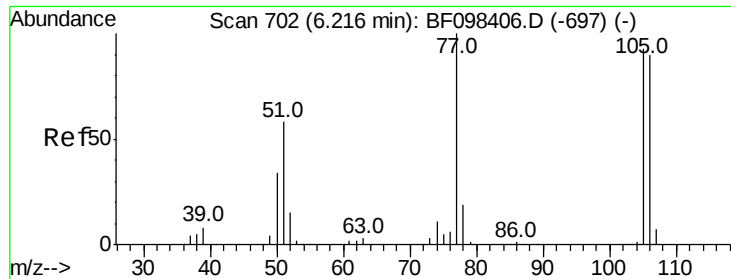
130 33.2 12.9 52.9

64 48.3 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.164 ng

RT: 6.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampled :

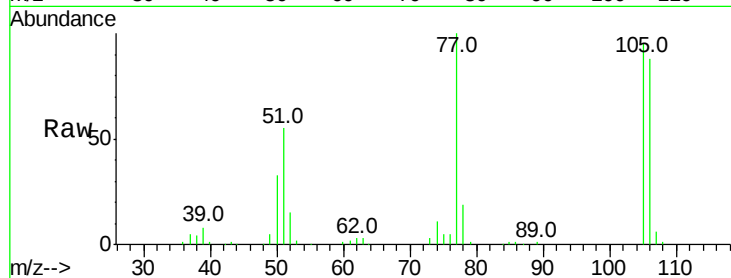
Tot Ion: 77 Resp: 119404

Ion Ratio Lower Upper

77 100

105 95.1 83.8 123.8

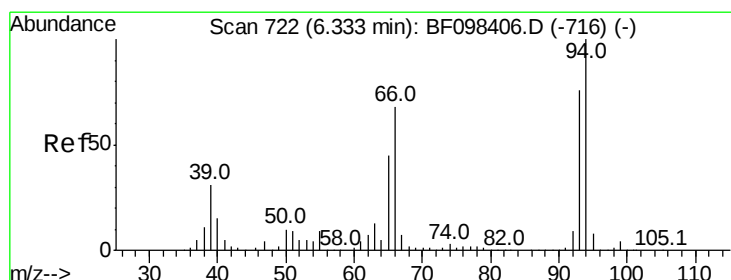
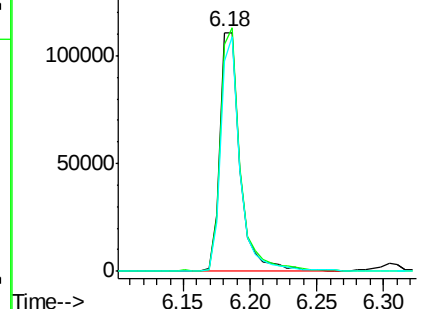
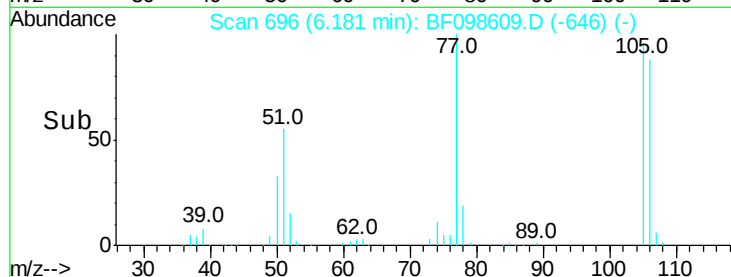
106 88.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 24.395 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

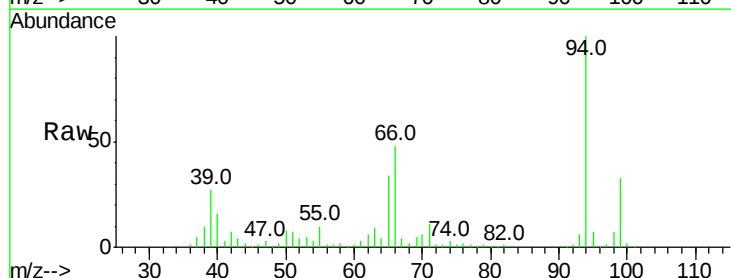
Tgt Ion: 94 Resp: 284950

Ion Ratio Lower Upper

94 100

65 33.6 9.9 49.9

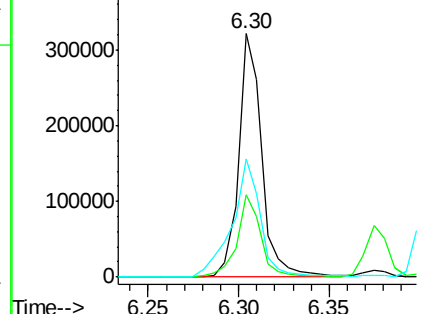
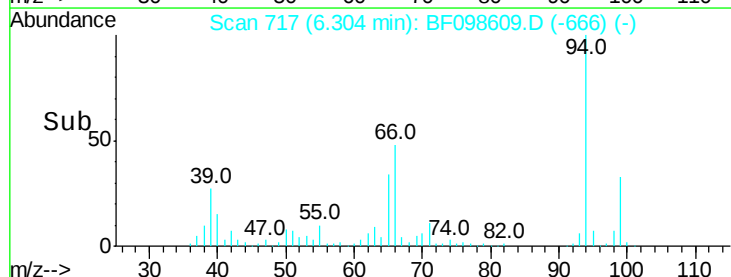
66 48.4 23.1 63.1

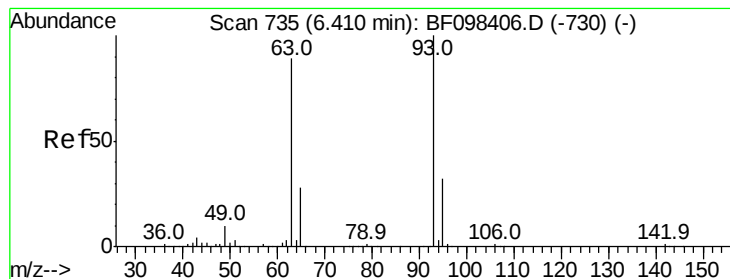


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 24.198 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

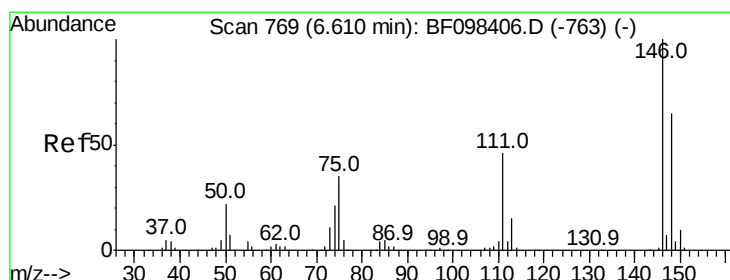
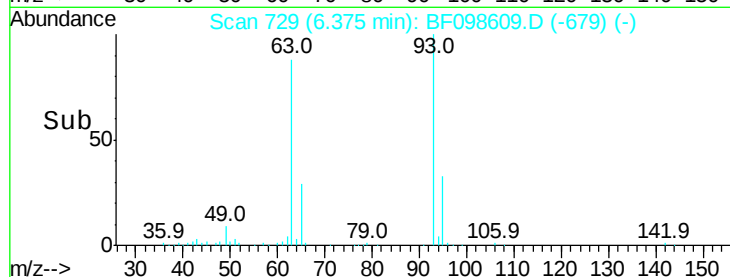
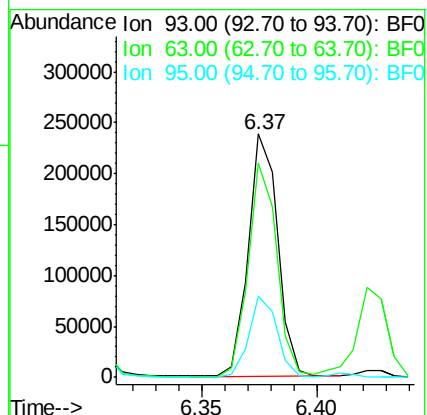
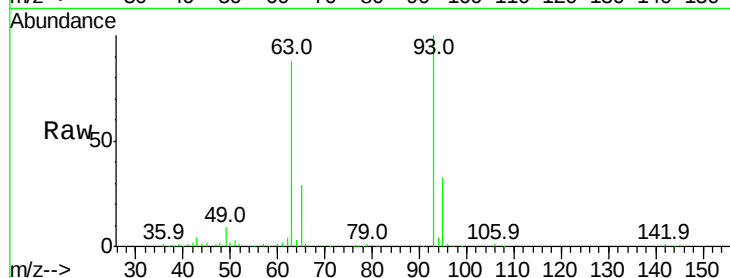
Tot Ion: 93 Resp: 213102

Ion Ratio Lower Upper

93 100

63 88.1 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 26.815 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

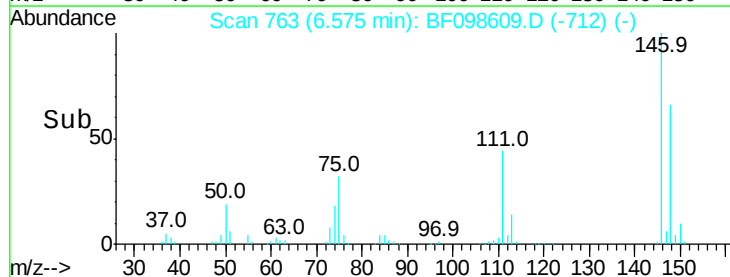
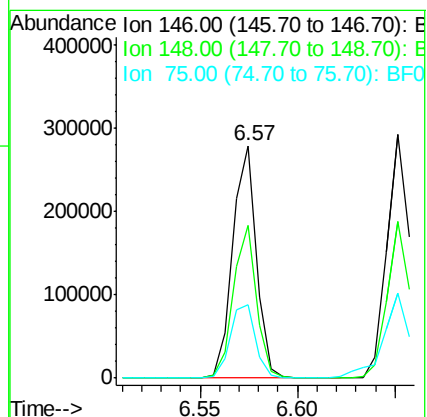
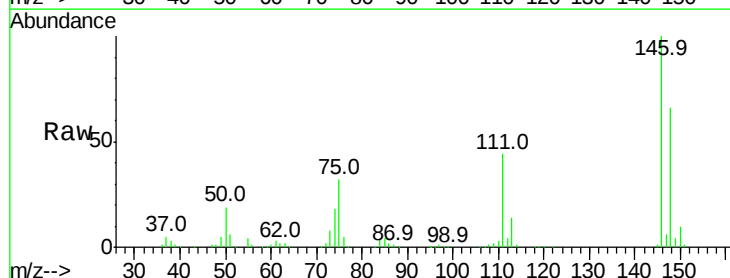
Tgt Ion: 146 Resp: 235065

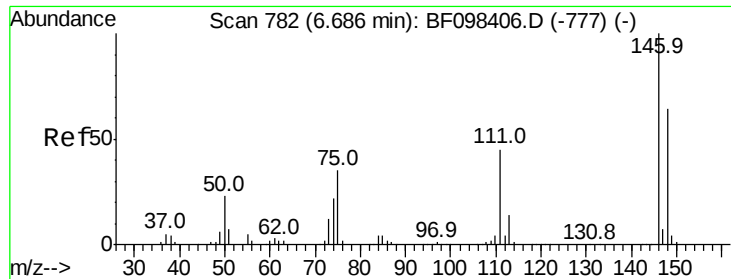
Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.6

75 31.8 23.1 34.7

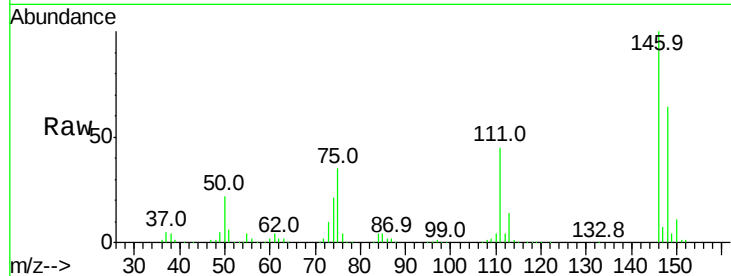




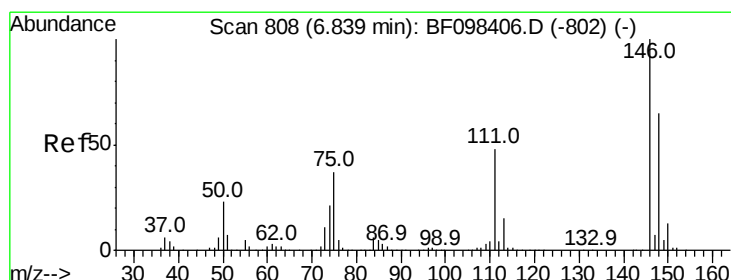
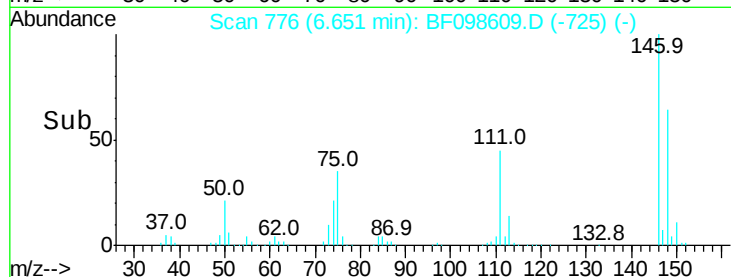
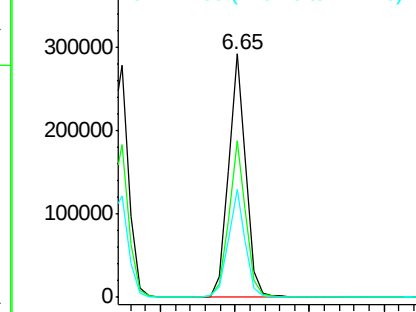
#13
 1,4-Dichlorobenzene
 Concen: 26.787 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 240524
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 44.6 30.3 45.5

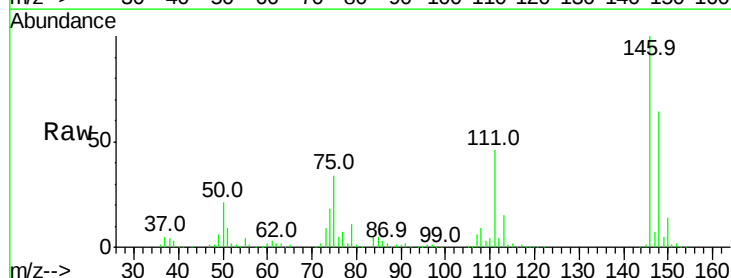


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

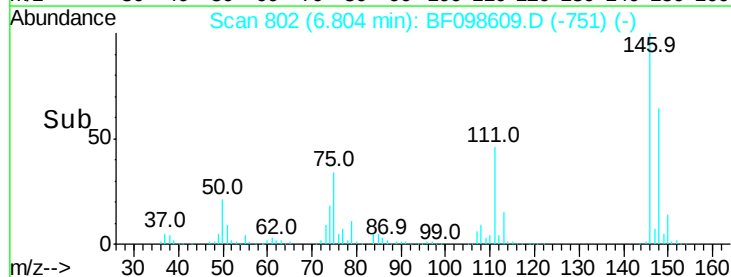
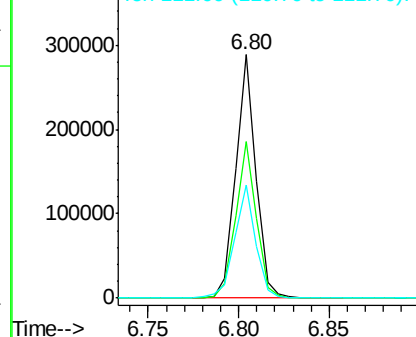


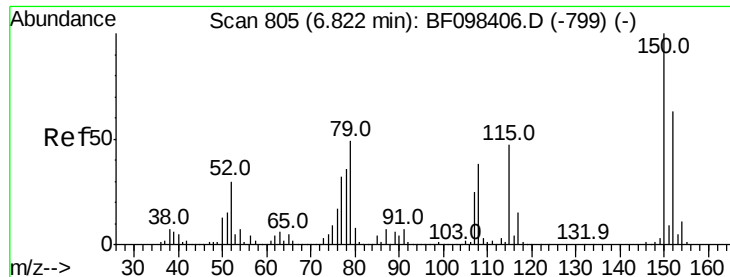
#14
 1,2-Dichlorobenzene
 Concen: 27.417 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:146 Resp: 224287
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 46.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

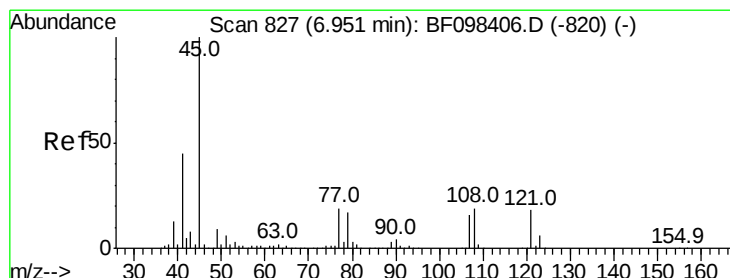
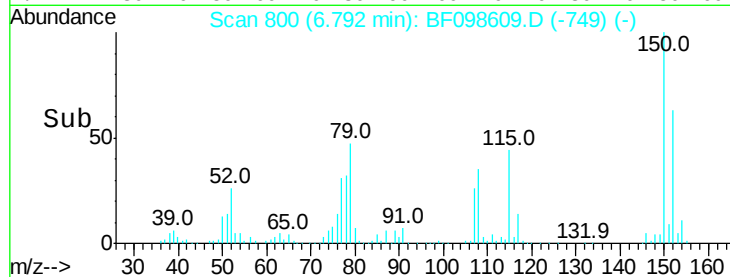
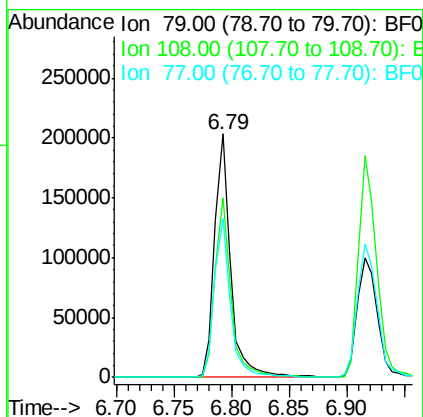
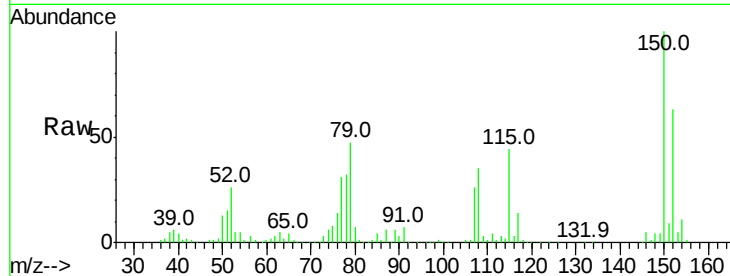




#15
Benzyl Alcohol
Concen: 29.487 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

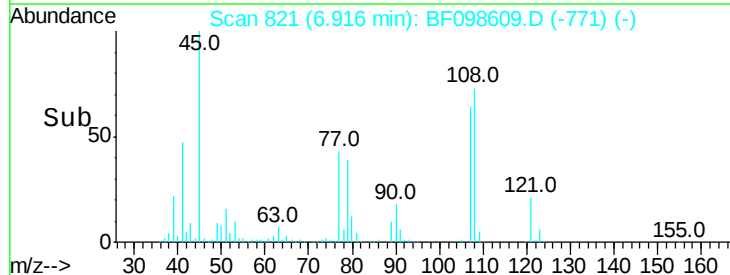
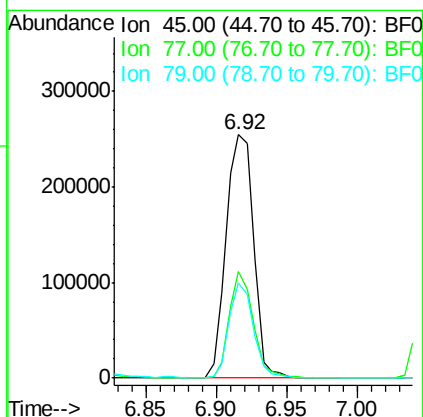
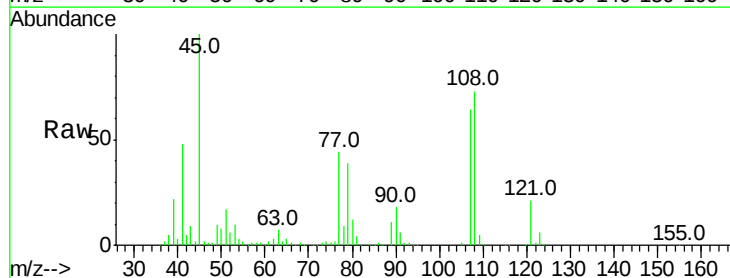
Instrument :
BNA_F
ClientSampleId :

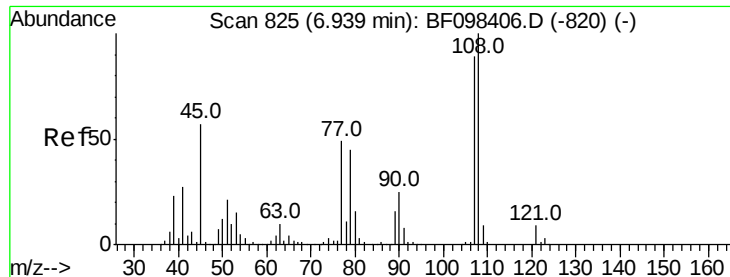
Tot Ion: 79 Resp: 197349
Ion Ratio Lower Upper
79 100
108 74.0 63.4 95.0
77 65.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.745 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion: 45 Resp: 344074
Ion Ratio Lower Upper
45 100
77 43.7 0.0 33.2#
79 39.3 0.0 30.0#

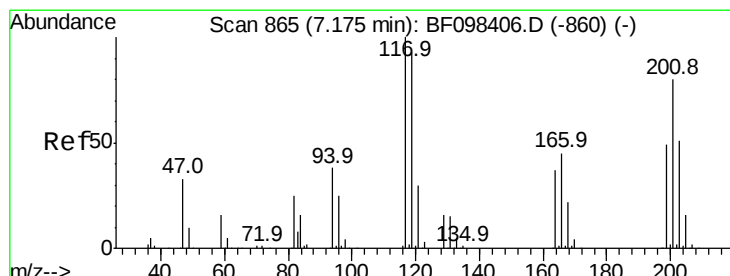
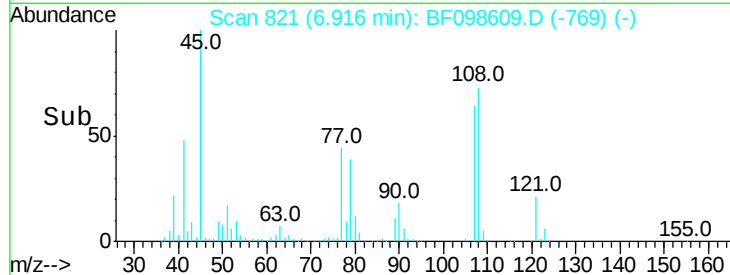
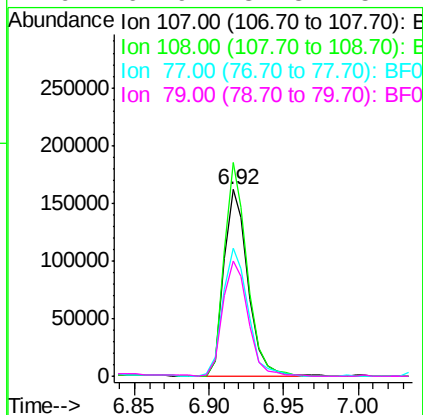
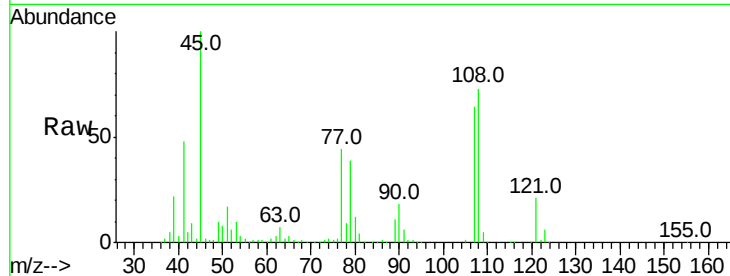




#17
2-Methylphenol
Concen: 26.100 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

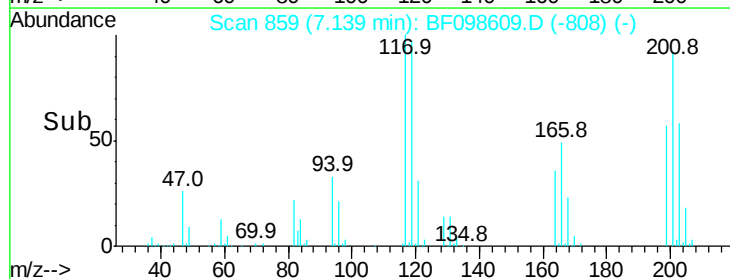
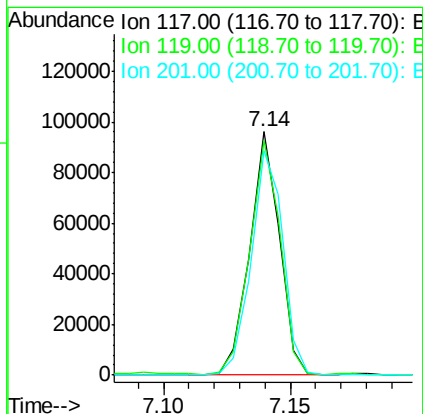
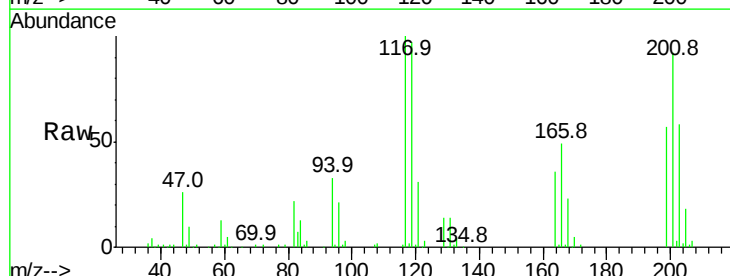
Instrument :
BNA_F
ClientSampleId :

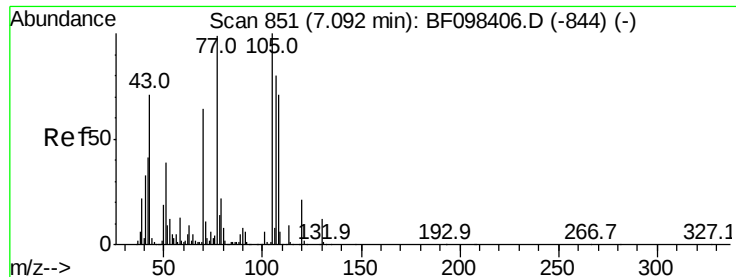
Tot Ion:107 Resp: 185357
Ion Ratio Lower Upper
107 100
108 114.3 93.4 140.0
77 68.7 35.8 53.6#
79 61.9 34.8 52.2#



#18
Hexachloroethane
Concen: 22.987 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:117 Resp: 79047
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 92.0 94.6 141.8#

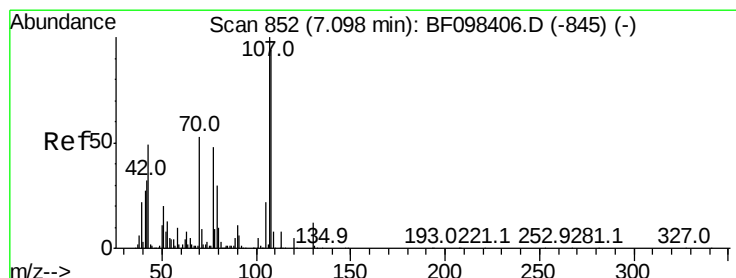
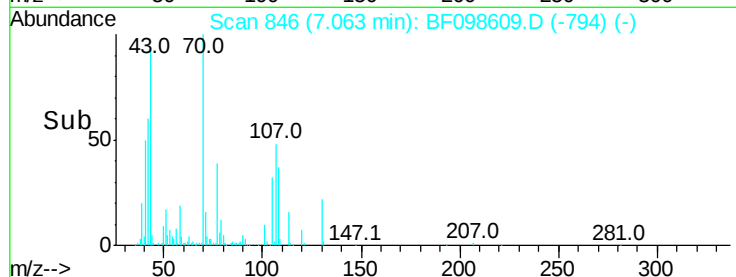
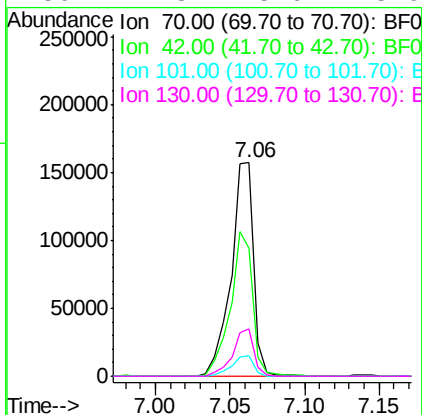
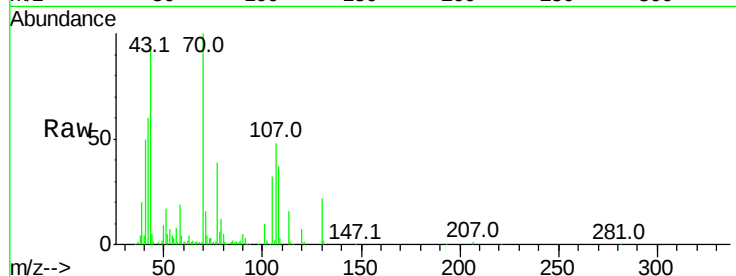




#19
n-Nitroso-di-n-propylamine
Concen: 26.499 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

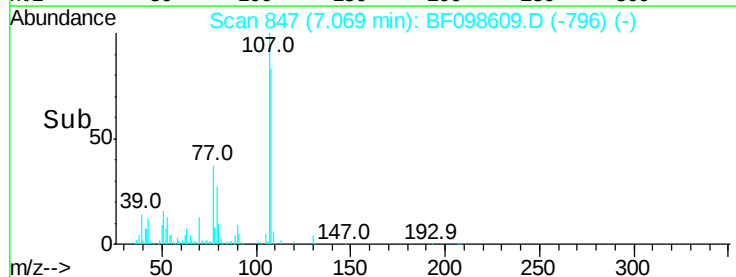
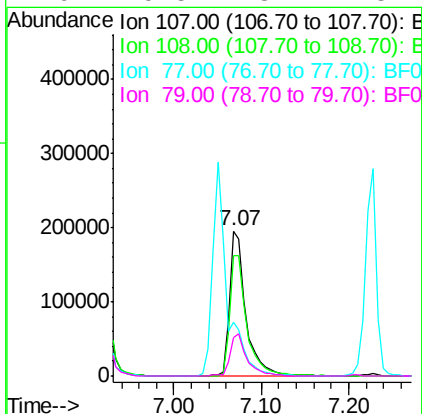
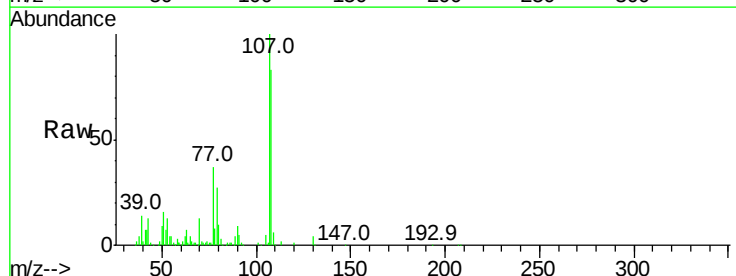
Instrument :
BNA_F
ClientSampleId :

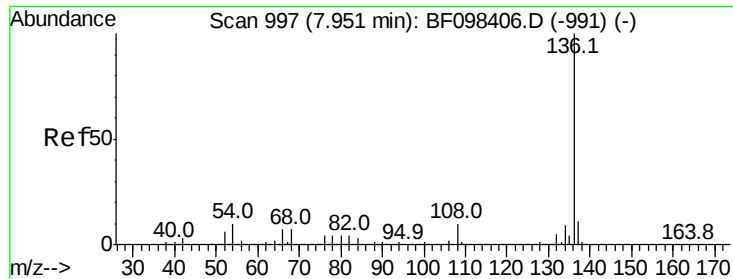
Tot Ion:	70	Resp:	167619
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.2	70.8
101	9.8	7.2	10.8
130	22.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 27.887 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:	107	Resp:	249933
Ion	Ratio	Lower	Upper
107	100		
108	83.2	71.0	111.0
77	36.8	90.5	130.5#
79	26.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF098609.D

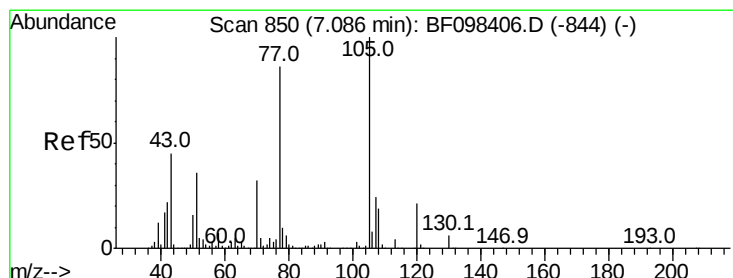
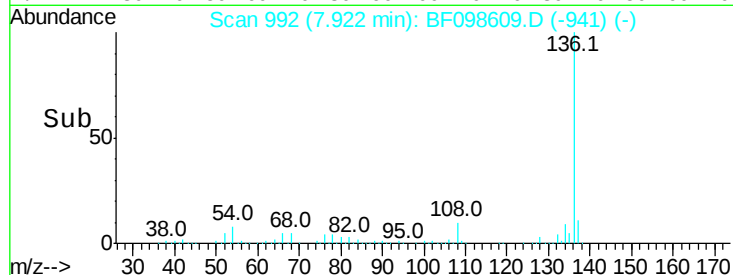
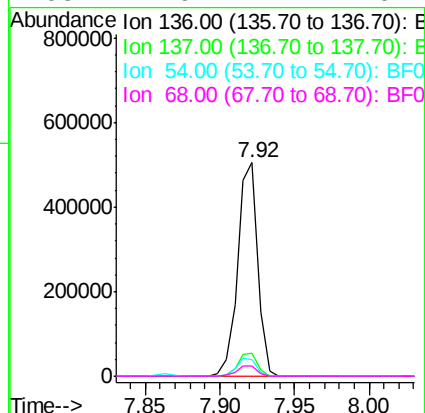
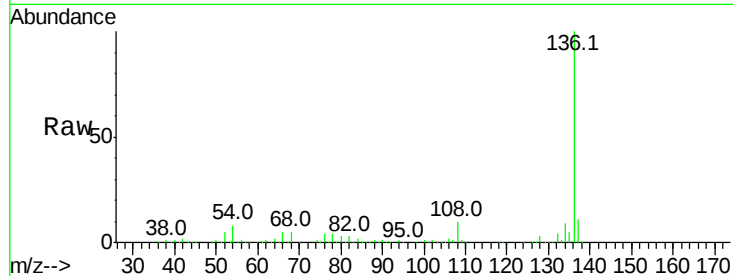
Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	476836
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.9	4.9	7.3#
68	4.6	4.1	6.1



#22

Acetophenone

Concen: 26.949 ng

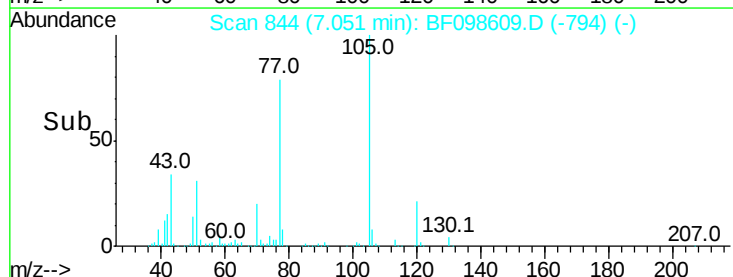
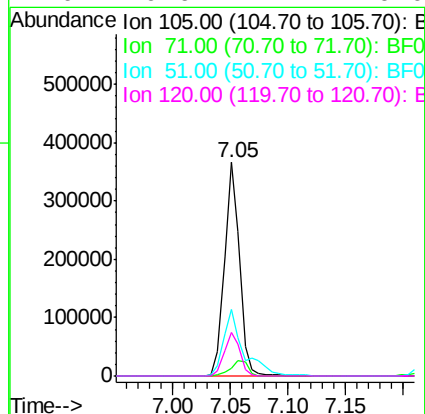
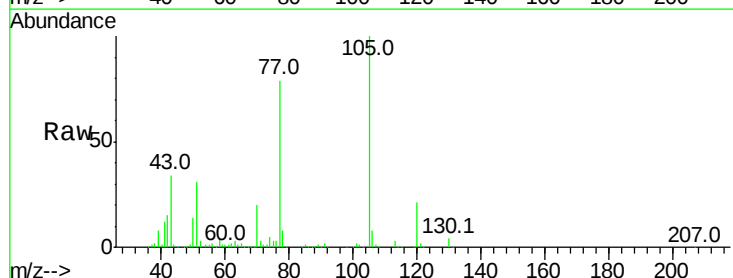
RT: 7.05 min Scan# 844

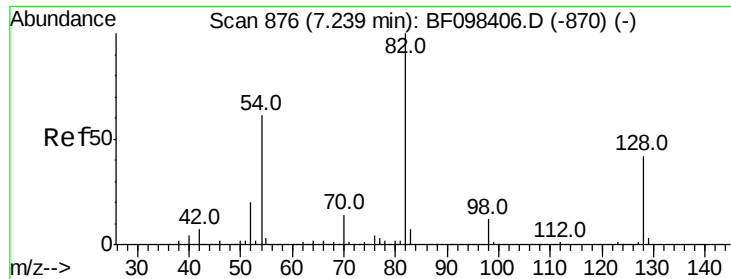
Delta R.T. -0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Tgt Ion:	105	Resp:	332118
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.8	4.2
51	31.5	30.7	46.1
120	20.6	17.4	26.0

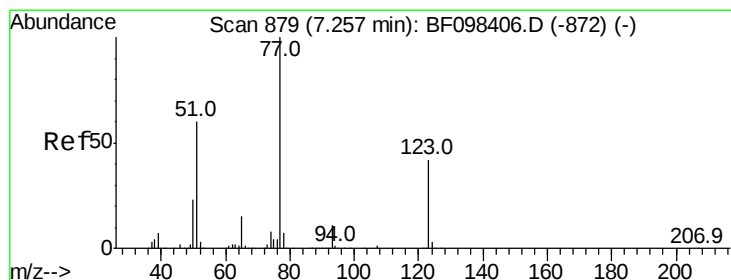
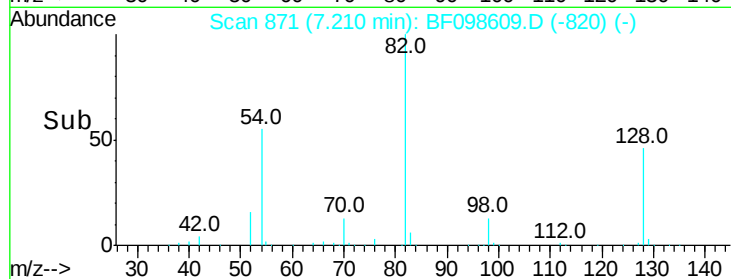
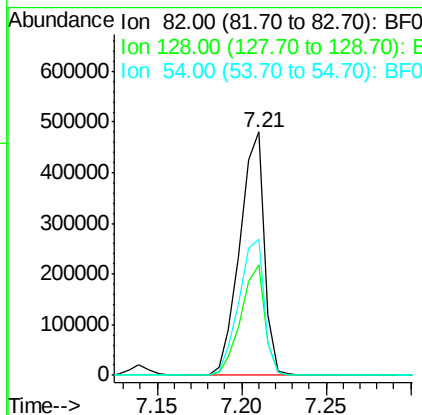
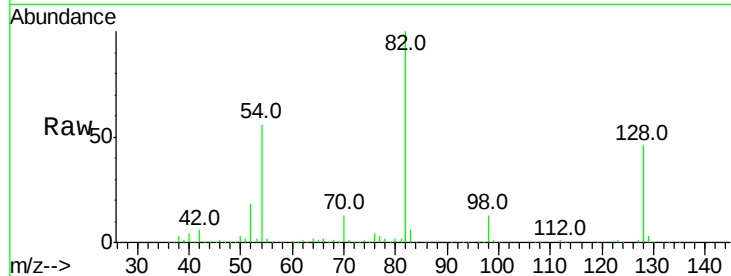




#23
 Nitrobenzene-d5
 Concen: 56.926 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

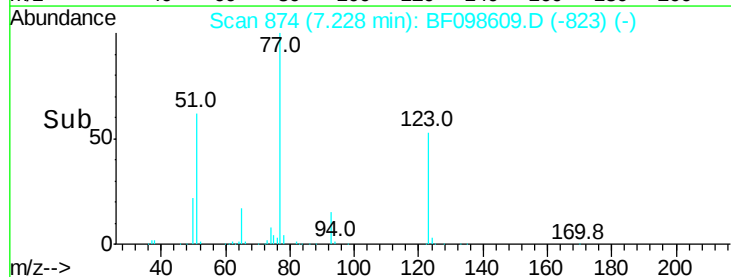
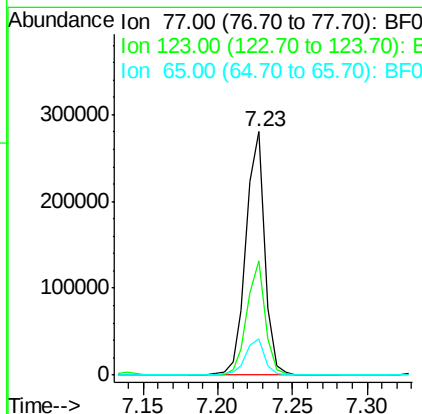
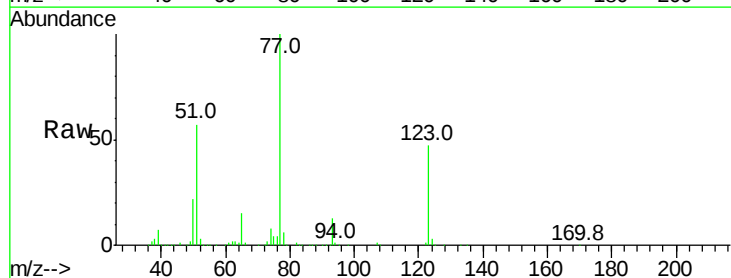
Instrument :
 BNA_F
 ClientSampled :

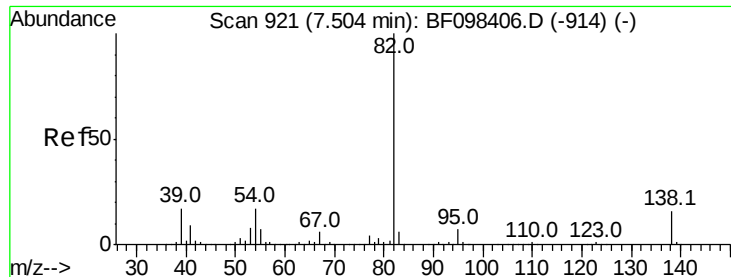
Tot Ion	82	Resp	486900
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	55.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 24.935 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion	77	Resp	242931
Ion Ratio	Lower	Upper	
77	100		
123	47.0	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 24.843 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :
BNA_F
ClientSampleId :

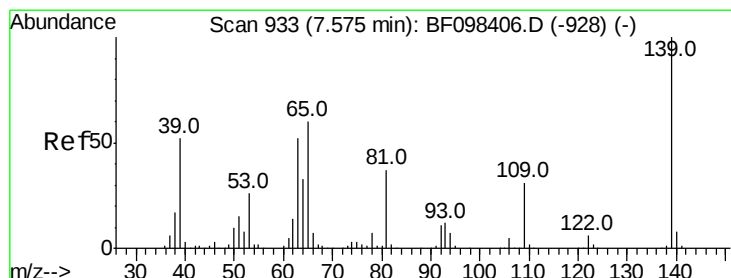
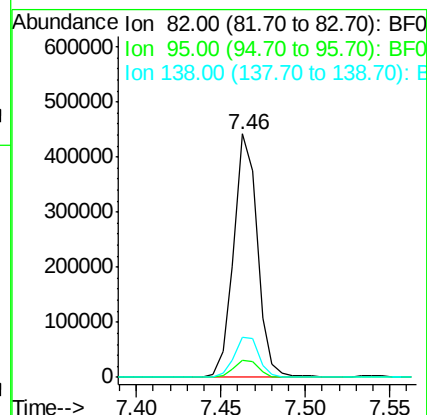
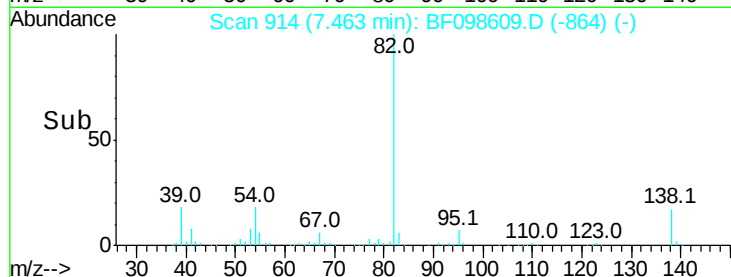
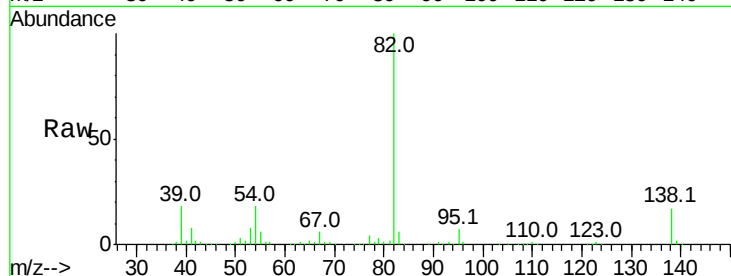
Tot Ion: 82 Resp: 429910

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 16.7 13.1 19.7



#26

2-Nitrophenol

Concen: 29.784 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

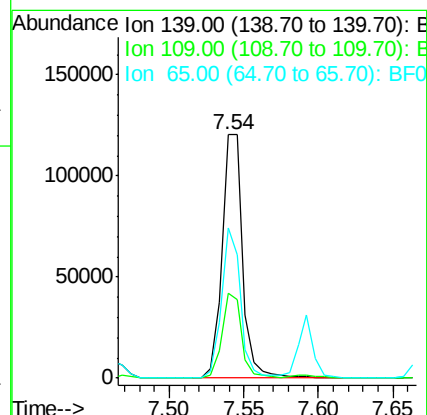
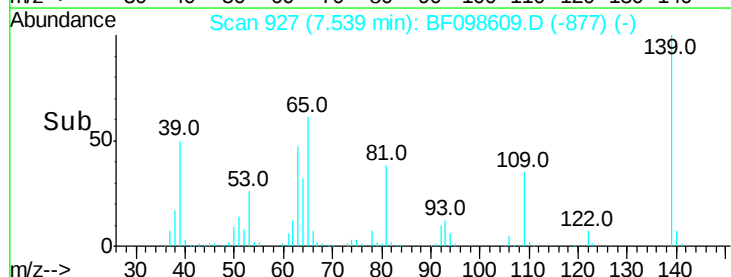
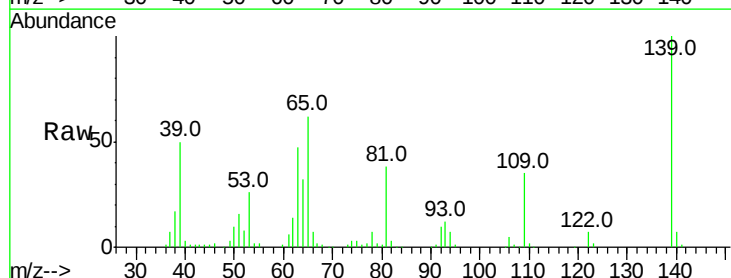
Tgt Ion: 139 Resp: 117161

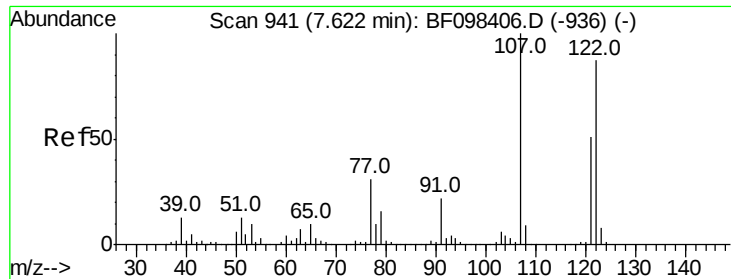
Ion Ratio Lower Upper

139 100

109 35.0 21.0 31.6#

65 61.6 33.0 49.6#

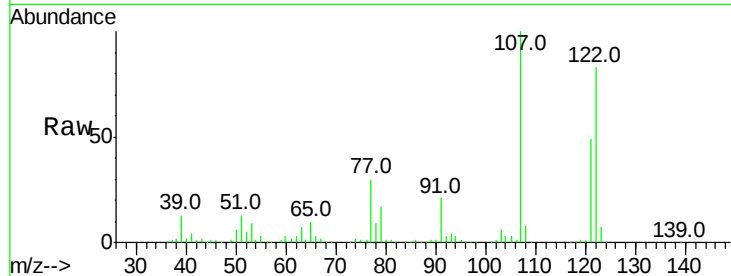




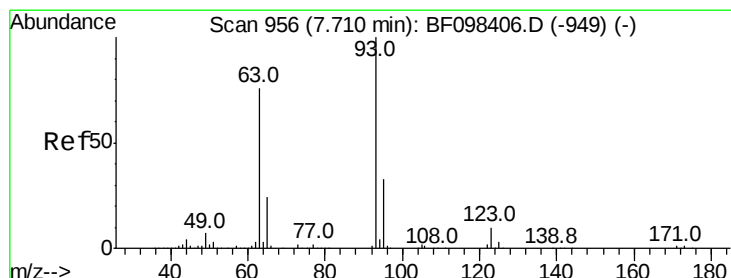
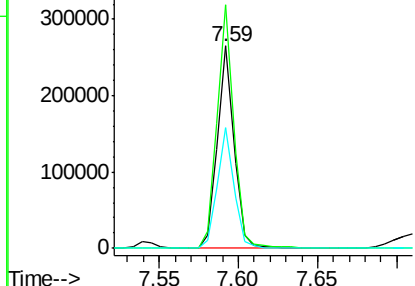
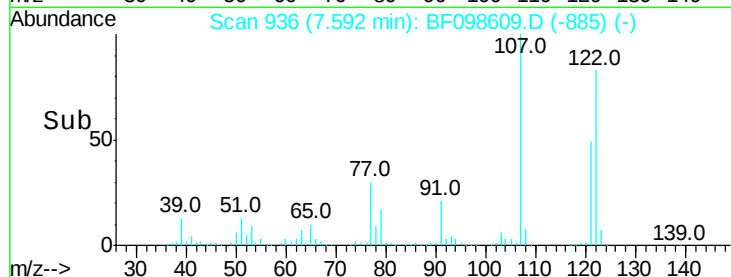
#27
2,4-Dimethylphenol
Concen: 26.040 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 195269
Ion Ratio Lower Upper
122 100
107 120.2 89.2 133.8
121 59.4 45.2 67.8

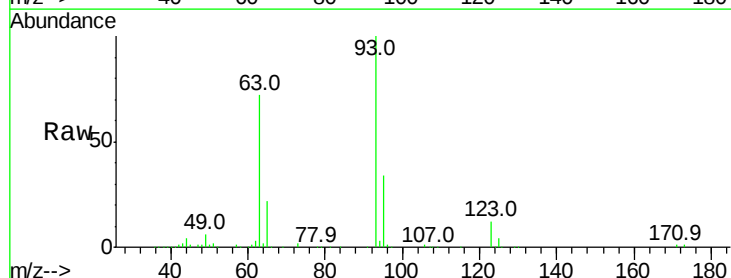


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

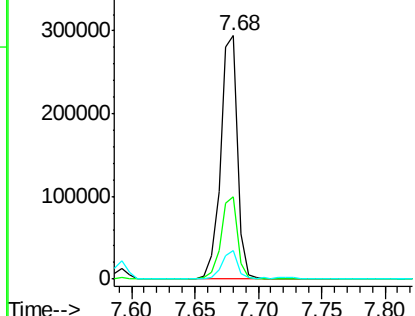
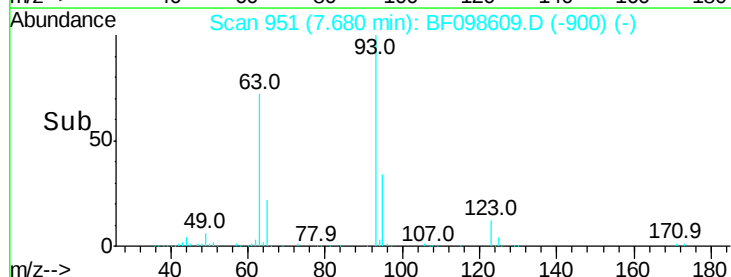


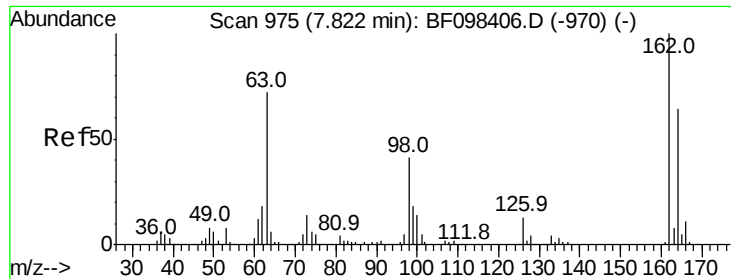
#28
bis(2-Chloroethoxy)methane
Concen: 26.151 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion: 93 Resp: 276140
Ion Ratio Lower Upper
93 100
95 33.9 26.5 39.7
123 11.7 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

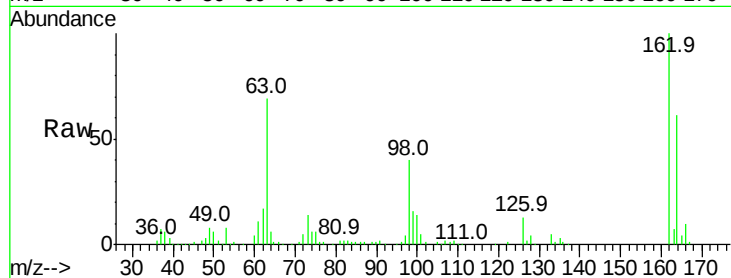




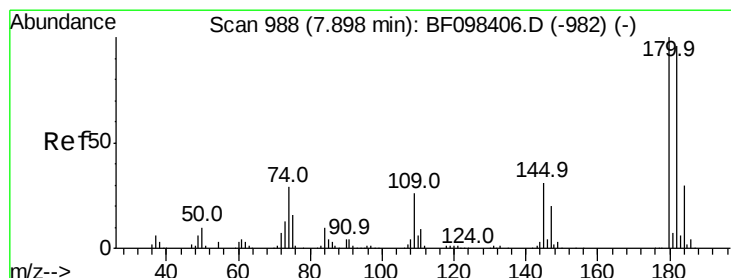
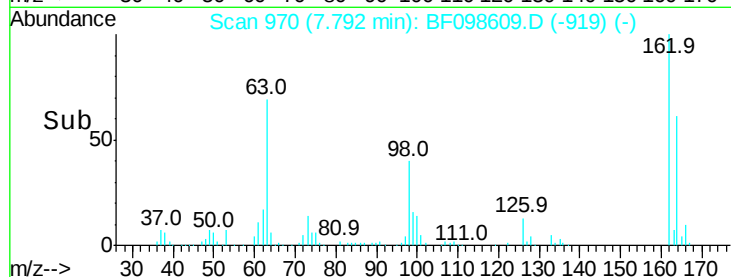
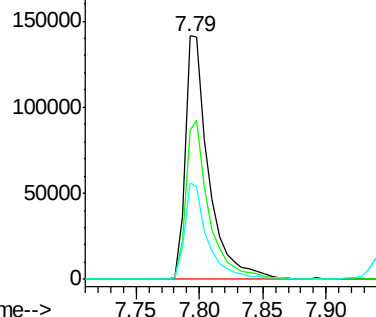
#29
 2,4-Dichlorophenol
 Concen: 29.569 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	44.6	84.6
98	39.9	14.8	54.8

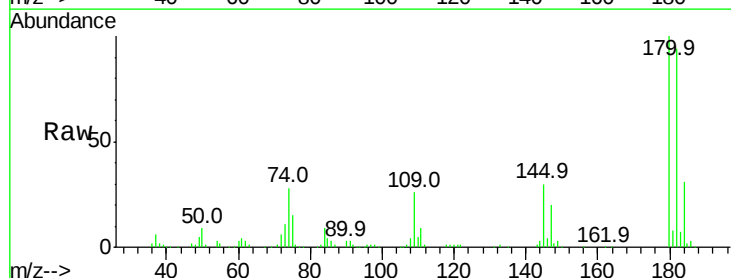


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

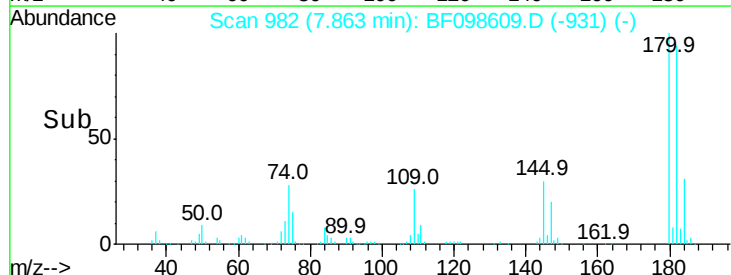
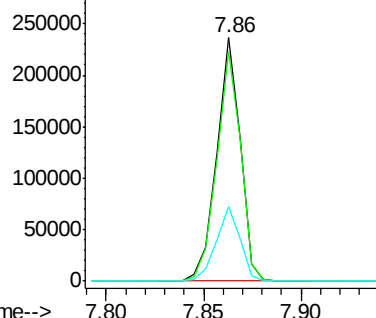


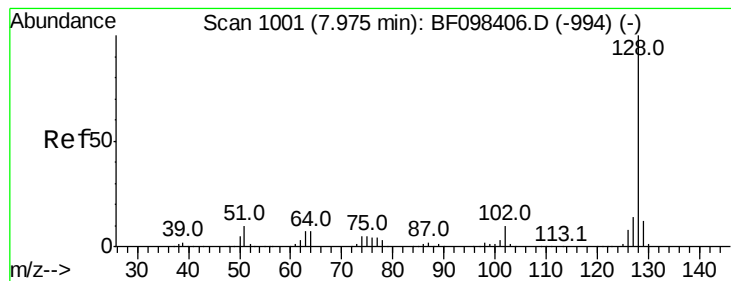
#30
 1,2,4-Trichlorobenzene
 Concen: 29.116 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	30.4	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.364 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampled :

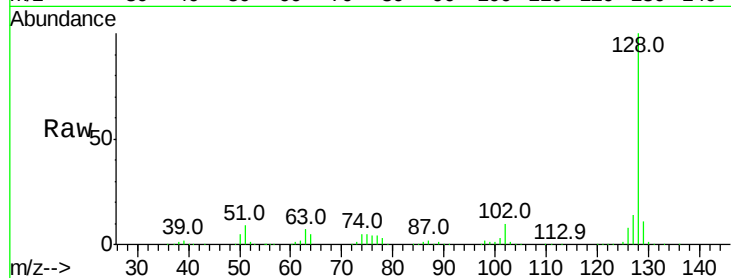
Tot Ion:128 Resp: 645035

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

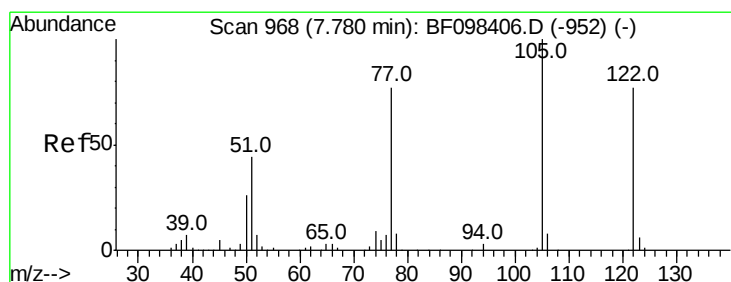
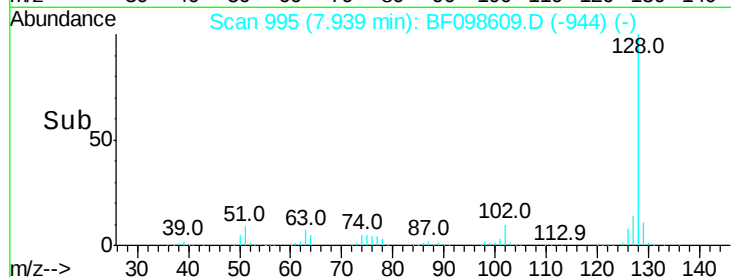
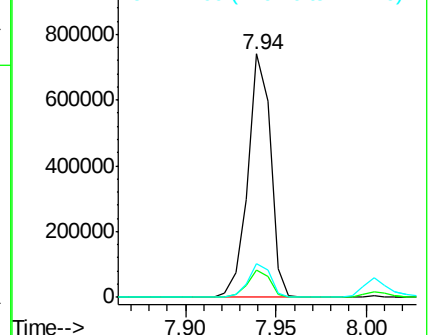
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.329 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

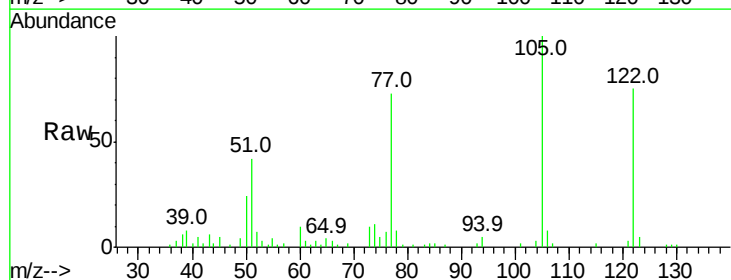
Tgt Ion:122 Resp: 50424

Ion Ratio Lower Upper

122 100

105 133.4 103.3 143.3

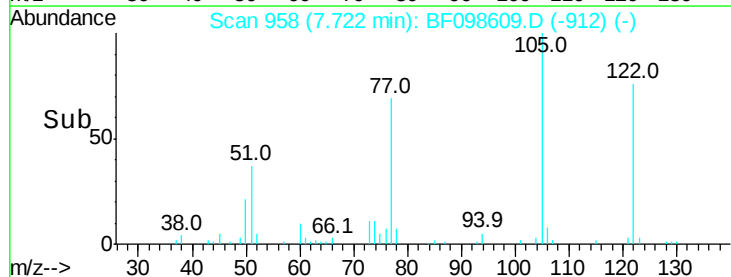
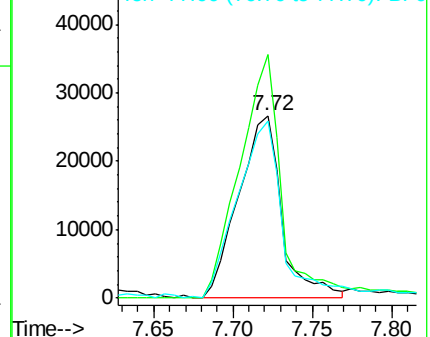
77 97.2 73.7 113.7

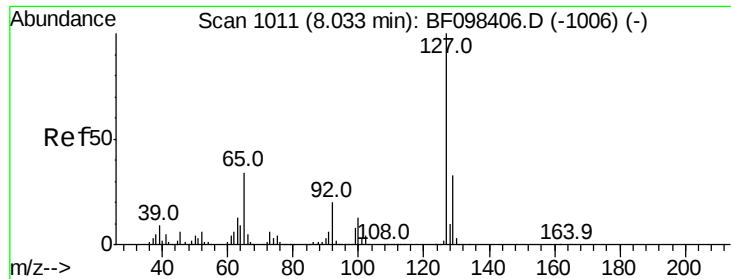


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

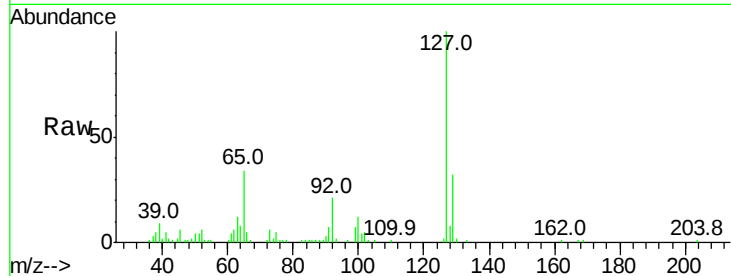




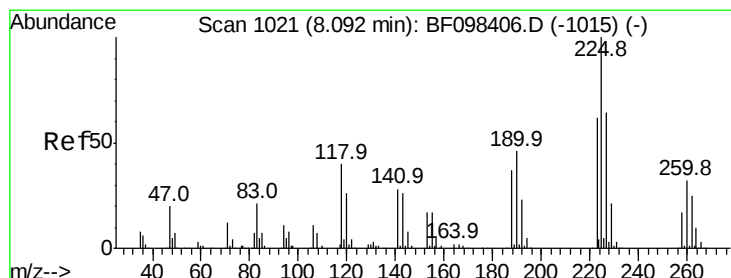
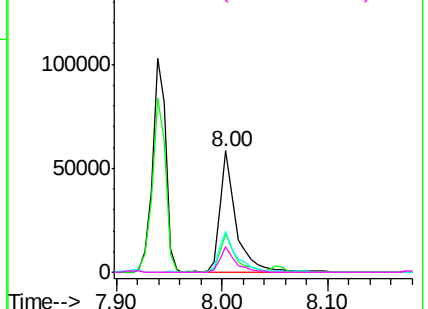
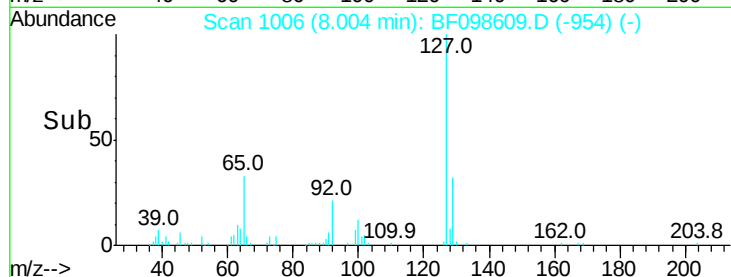
#33
4-Chloroaniline
Concen: 6.682 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 64013
Ion Ratio Lower Upper
127 100
129 31.8 26.2 39.2
65 34.0 27.8 41.8
92 21.2 16.8 25.2

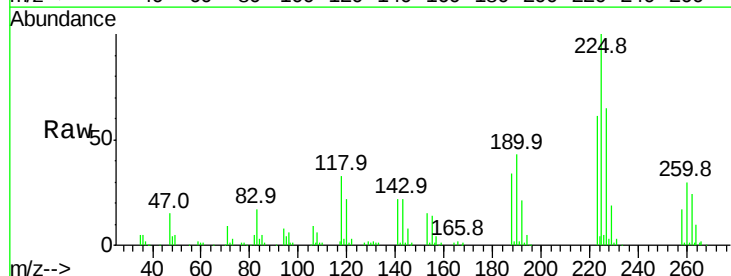


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

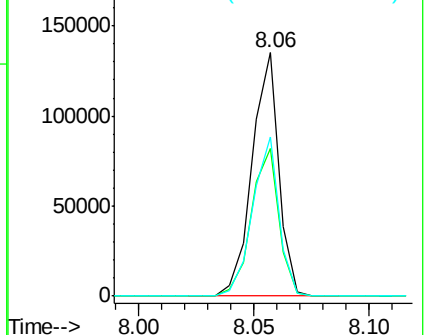
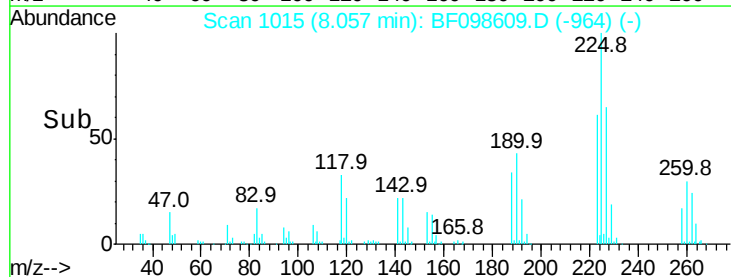


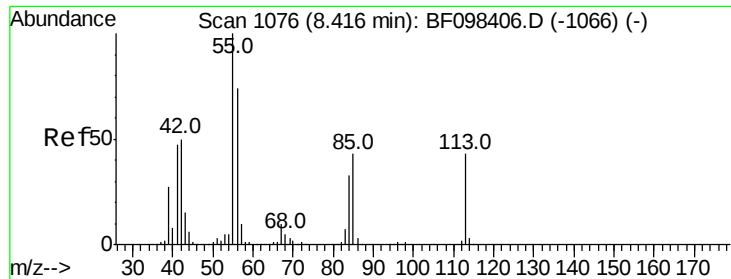
#34
Hexachlorobutadiene
Concen: 31.482 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:225 Resp: 109642
Ion Ratio Lower Upper
225 100
223 60.8 48.8 73.2
227 65.2 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

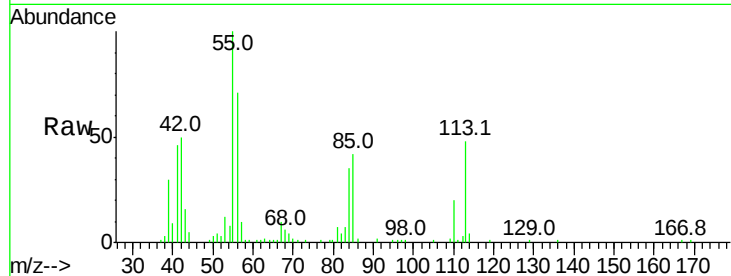




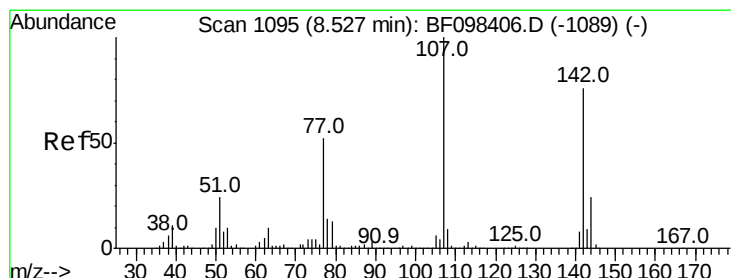
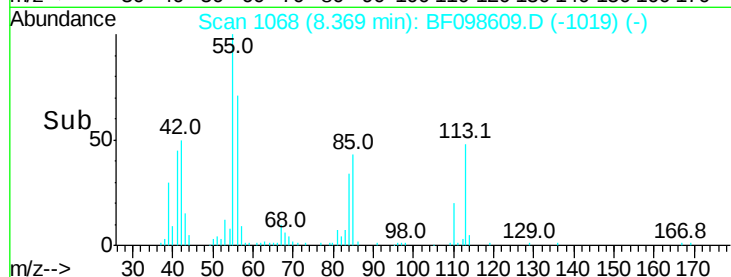
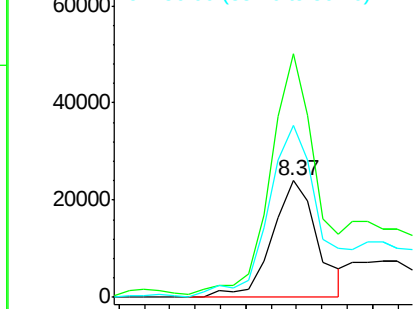
#35
 Caprolactam
 Concen: 13.963 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 30028
 Ion Ratio Lower Upper
 113 100
 55 208.9 150.2 190.2#
 56 147.7 107.8 147.8

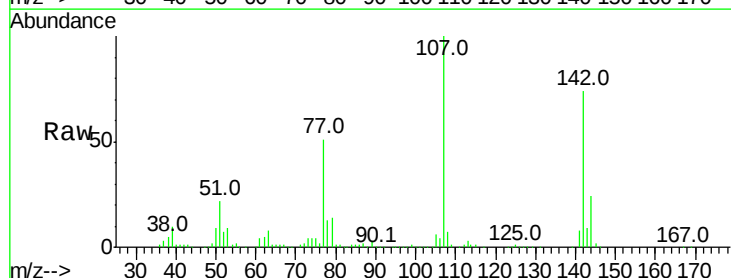


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

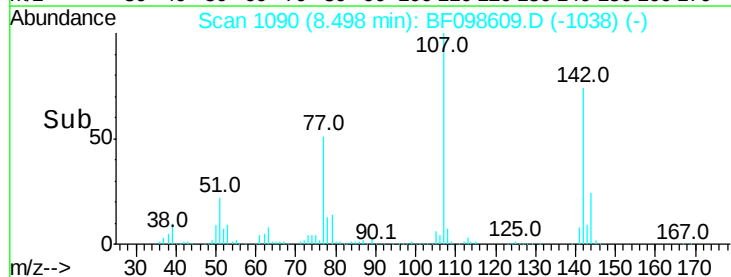
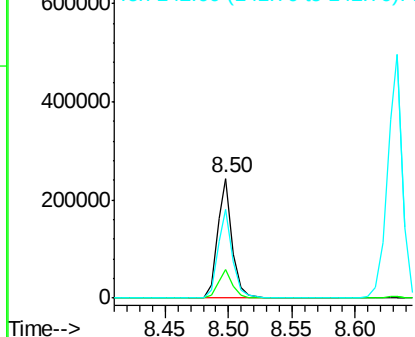


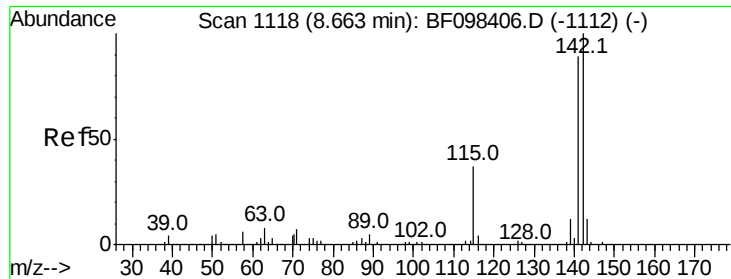
#36
 4-Chloro-3-methylphenol
 Concen: 25.766 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:107 Resp: 199284
 Ion Ratio Lower Upper
 107 100
 144 24.1 24.2 36.4#
 142 74.4 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

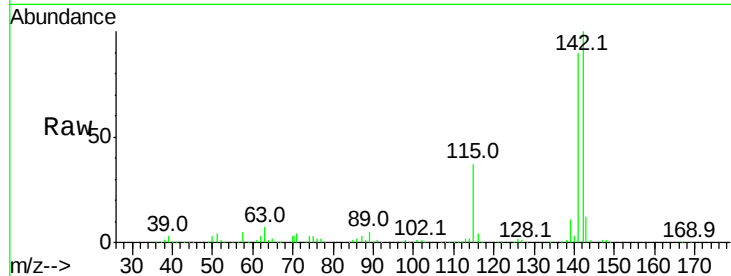




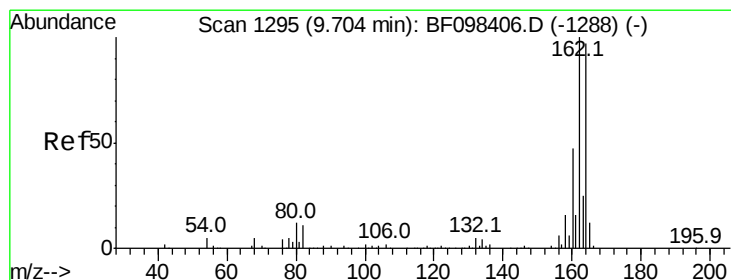
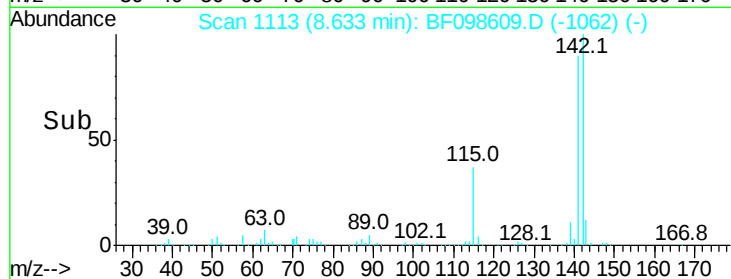
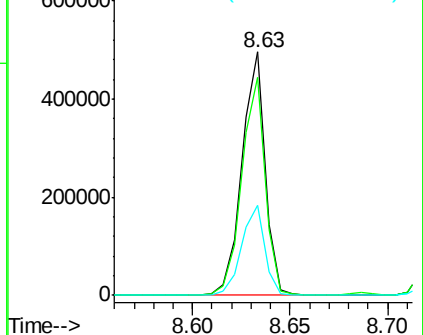
#37
 2-Methylnaphthalene
 Concen: 28.679 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 409496
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.3 106.9
 115 36.8 27.1 40.7

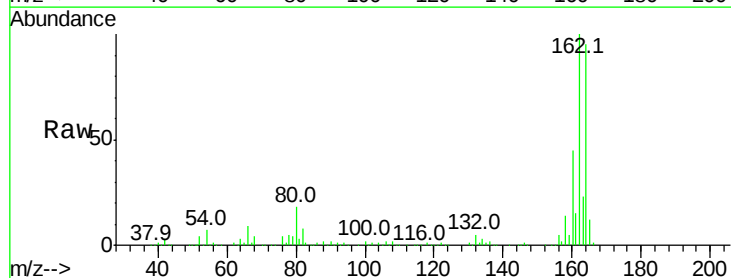


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

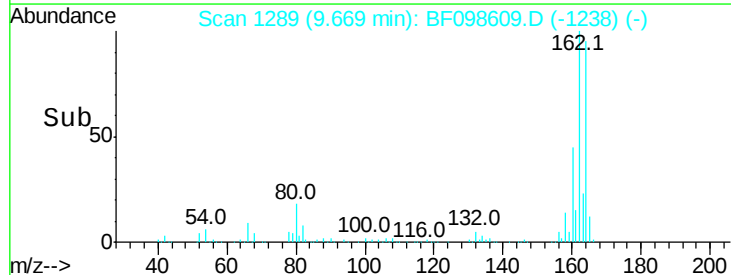
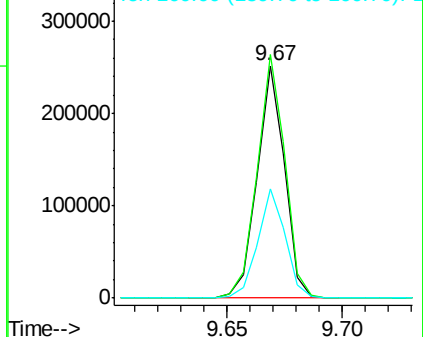


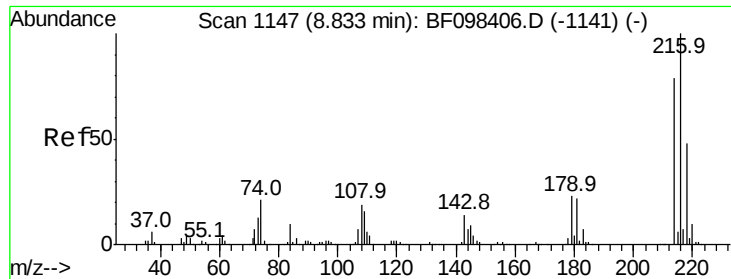
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:164 Resp: 208245
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 47.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

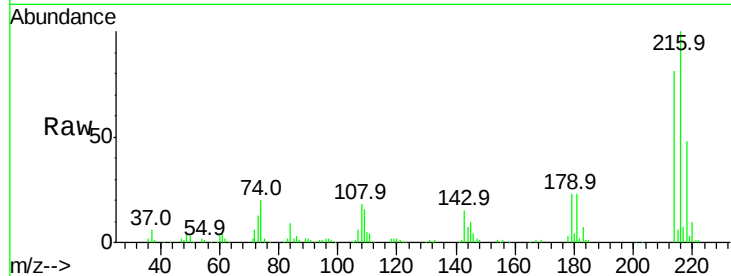




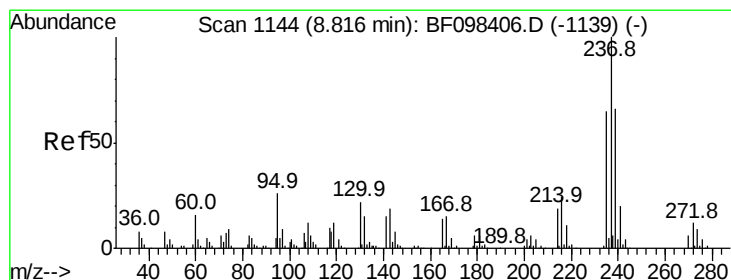
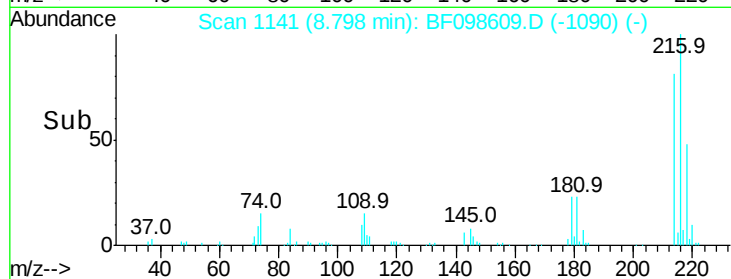
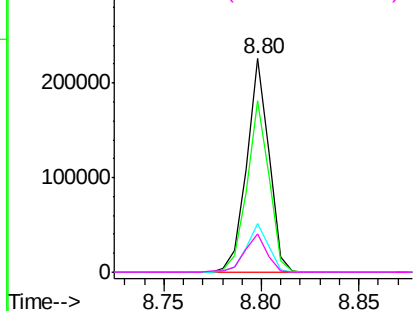
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.504 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	178415
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.4	95.2
179	22.4	17.9	26.9
108	18.1	16.5	24.7

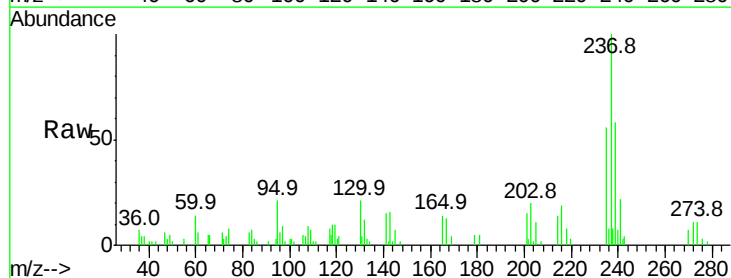


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

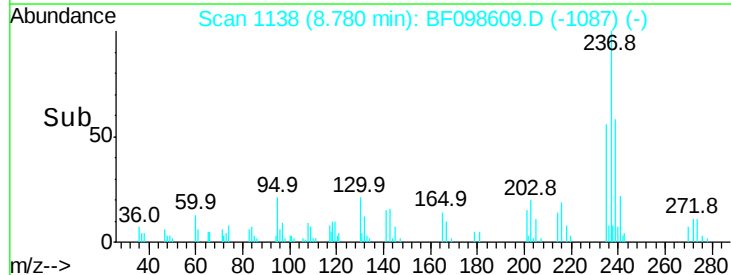
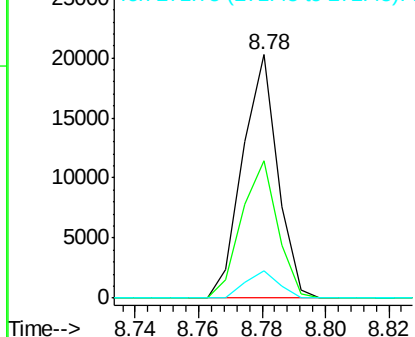


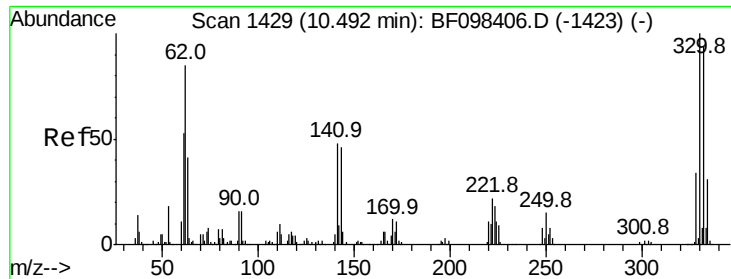
#40
 Hexachlorocyclopentadiene
 Concen: 16.993 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:	237	Resp:	15512
Ion Ratio	Lower	Upper	
237	100		
235	56.4	42.6	82.6
272	11.3	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

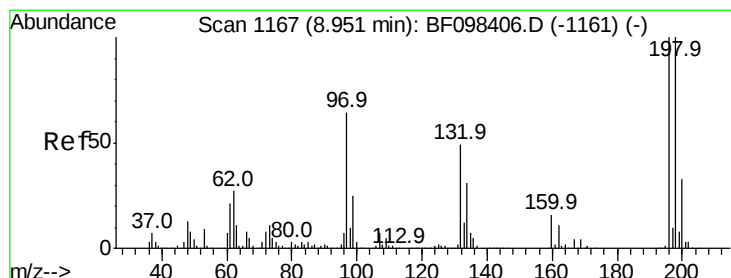
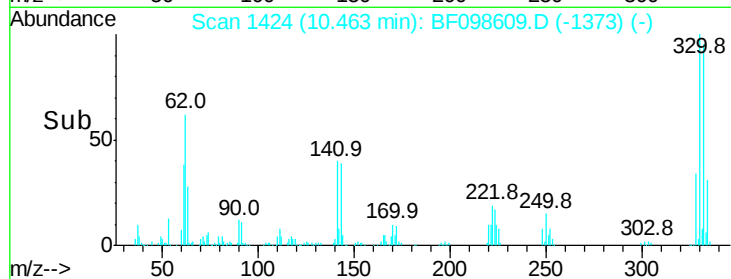
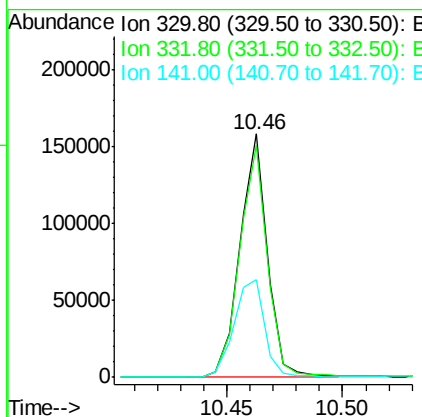
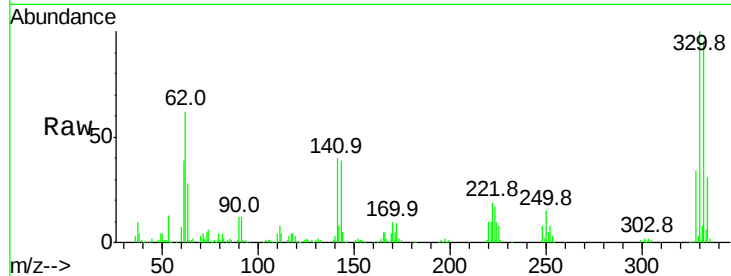




#41
 2,4,6-Tribromophenol
 Concen: 94.405 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

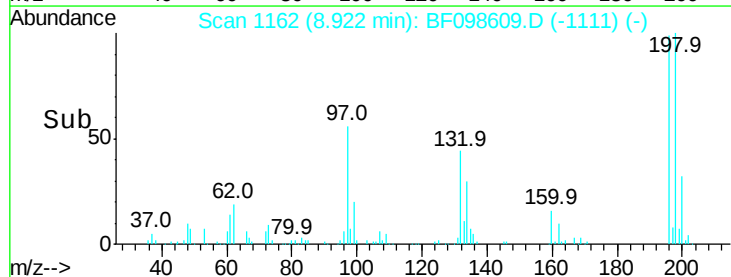
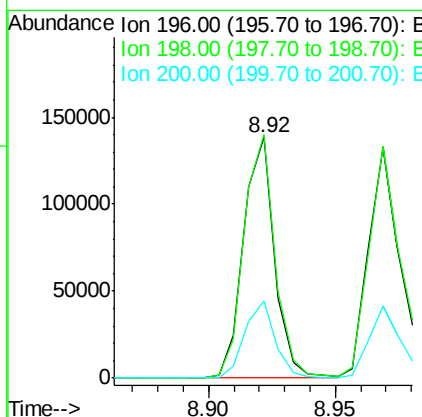
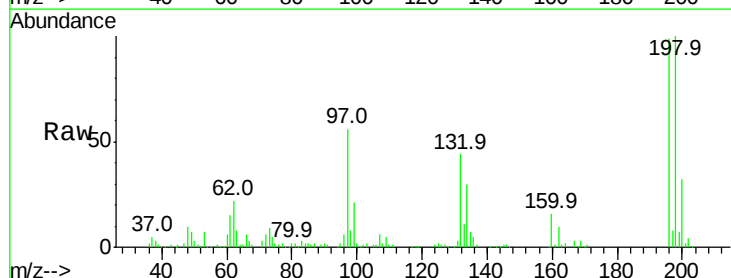
Instrument :
 BNA_F
 ClientSampleId :

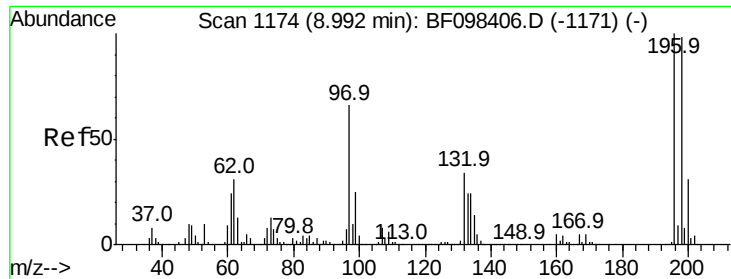
Tot Ion:330 Resp: 131210
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 45.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 30.928 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:196 Resp: 117840
 Ion Ratio Lower Upper
 196 100
 198 101.2 74.2 111.4
 200 31.9 24.0 36.0

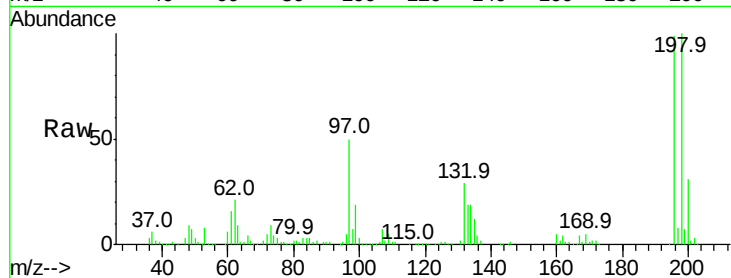




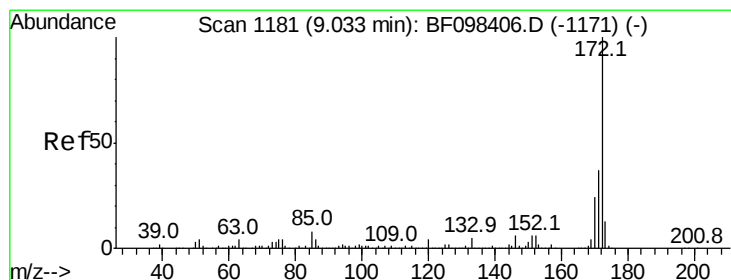
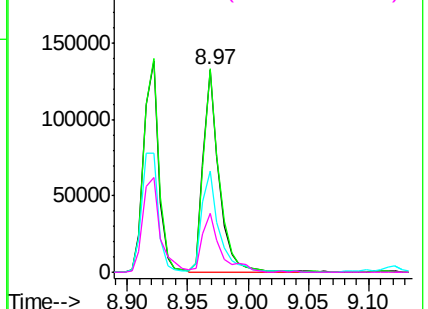
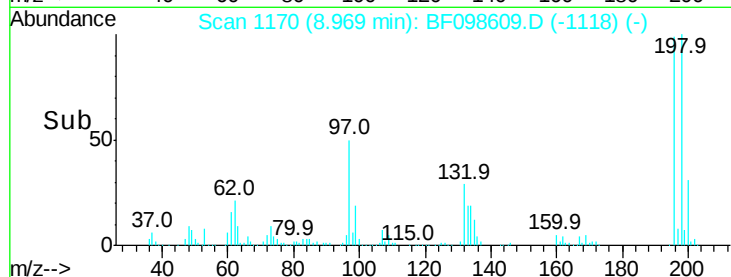
#43
 2,4,5-Trichlorophenol
 Concen: 30.841 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 122821
 Ion Ratio Lower Upper
 196 100
 198 100.8 75.7 113.5
 97 50.3 47.7 71.5
 132 28.8 28.0 42.0

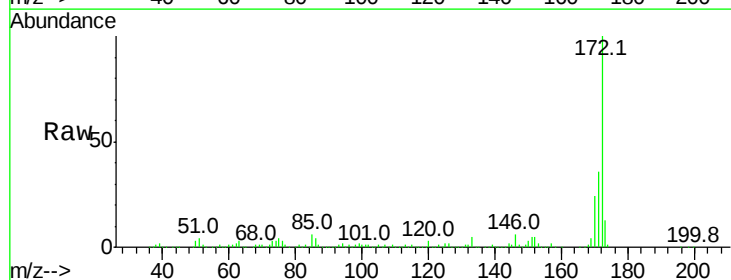


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

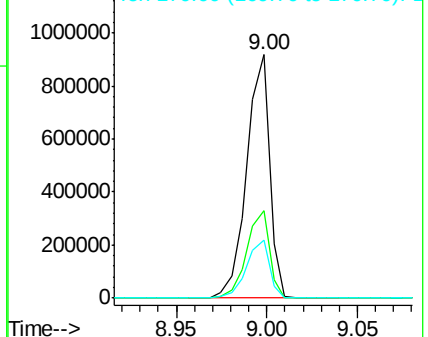
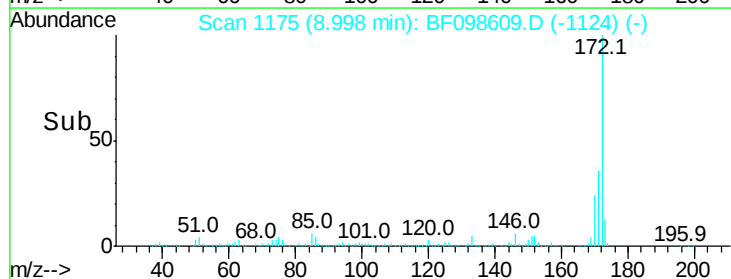


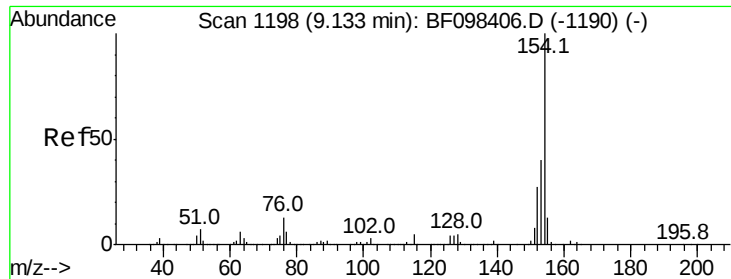
#44
 2-Fluorobiphenyl
 Concen: 65.649 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:172 Resp: 806589
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

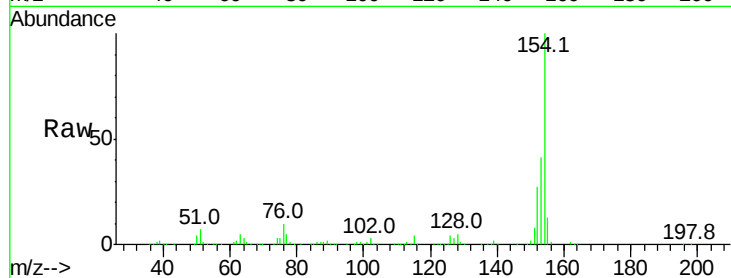




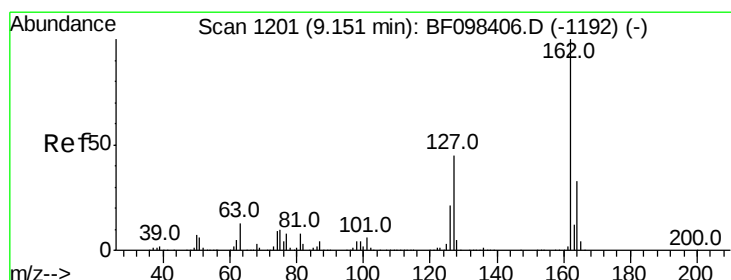
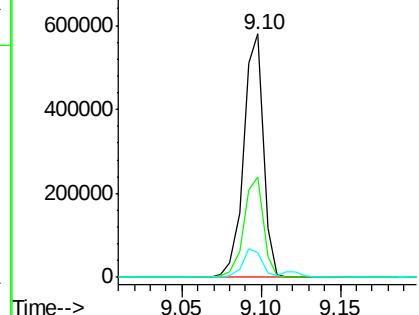
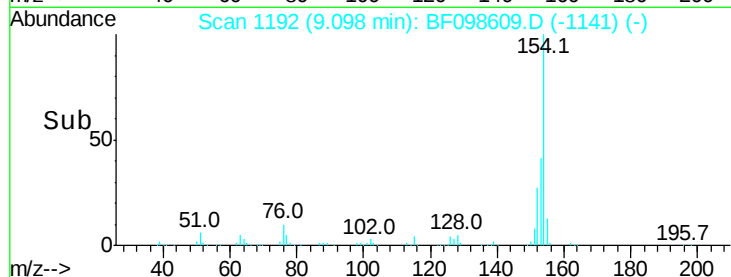
#45
 1,1'-Biphenyl
 Concen: 26.760 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	10.3	0.0	29.9

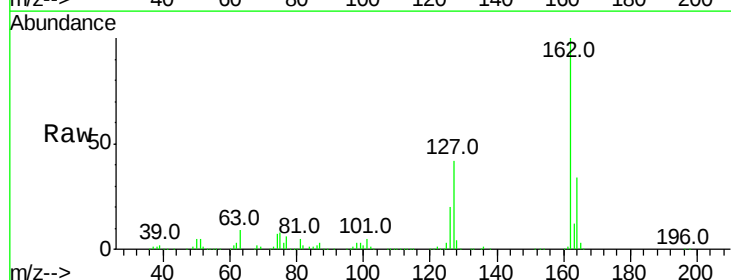


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

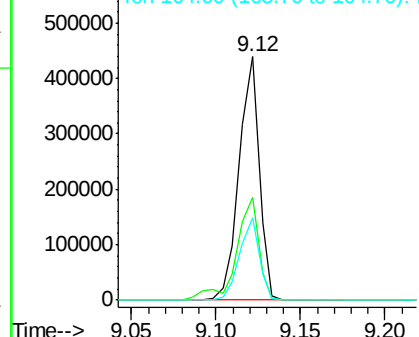
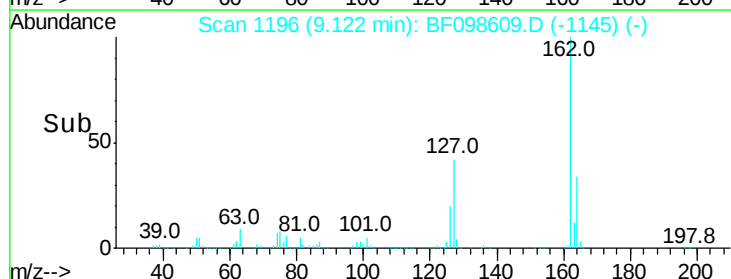


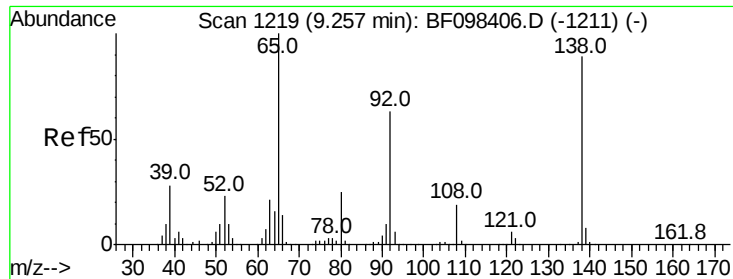
#46
 2-Chloronaphthalene
 Concen: 27.336 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	28.3	42.5
164	33.8	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 25.297 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

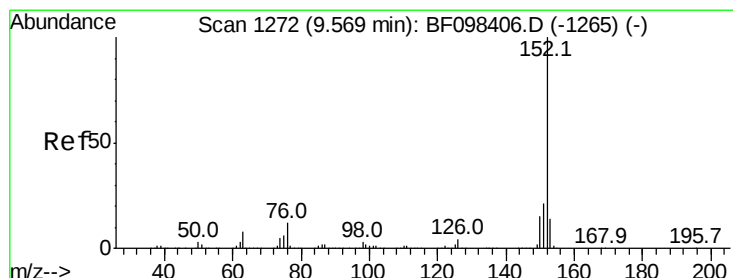
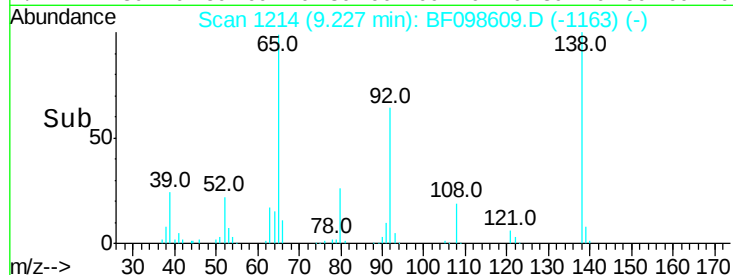
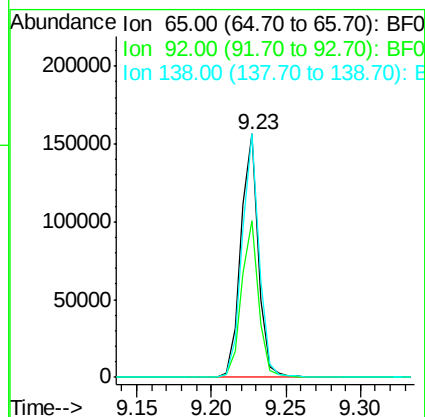
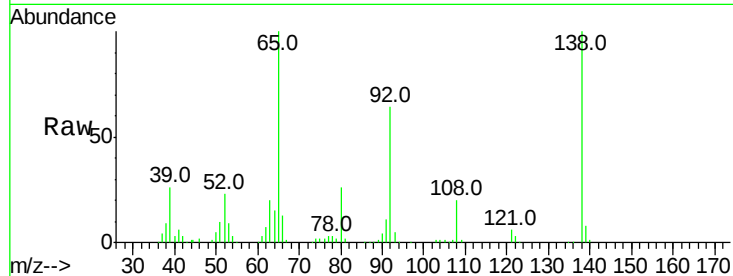
Tot Ion: 65 Resp: 129248

Ion Ratio Lower Upper

65 100

92 64.5 53.9 80.9

138 100.1 78.8 118.2



#48

Acenaphthylene

Concen: 26.098 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

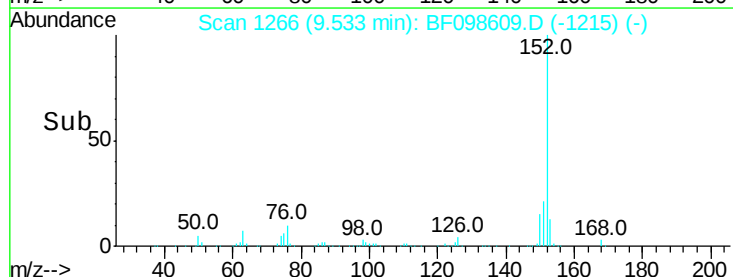
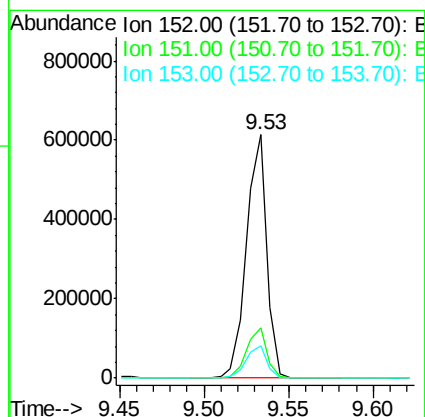
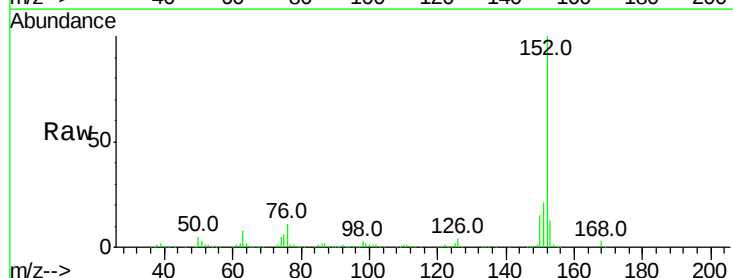
Tgt Ion:152 Resp: 516538

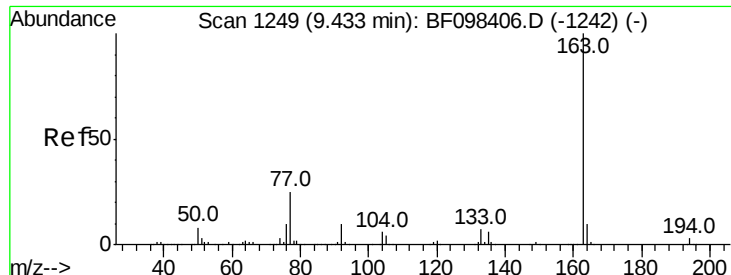
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.5 10.8 16.2

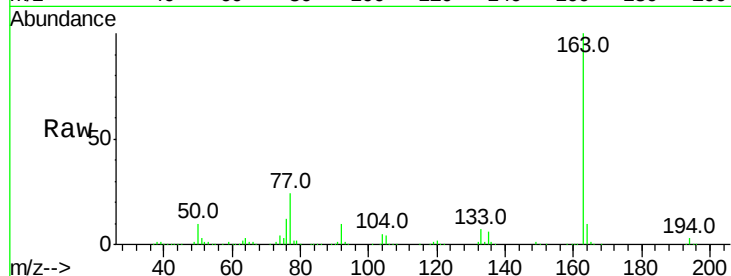




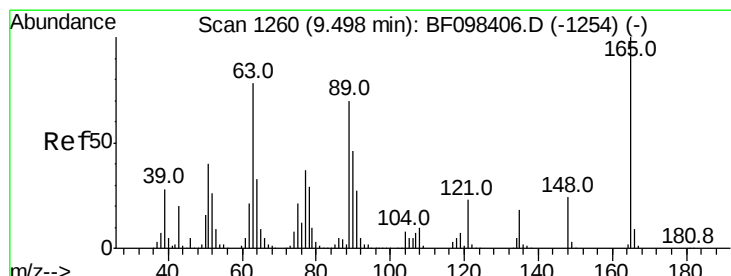
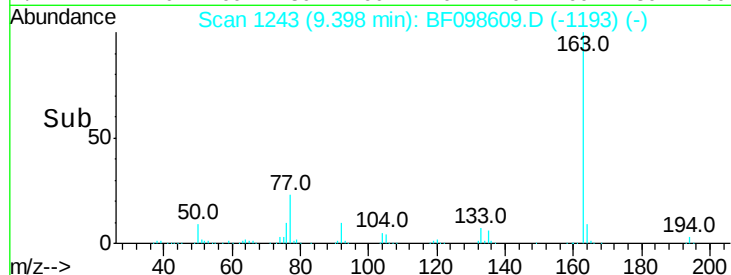
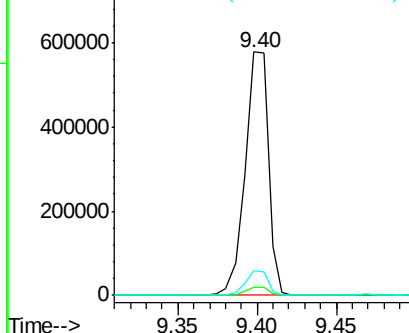
#49
 Dimethylphthalate
 Concen: 36.433 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
163	100	587288		
194	3.4		2.6	4.0
164	10.3		8.4	12.6

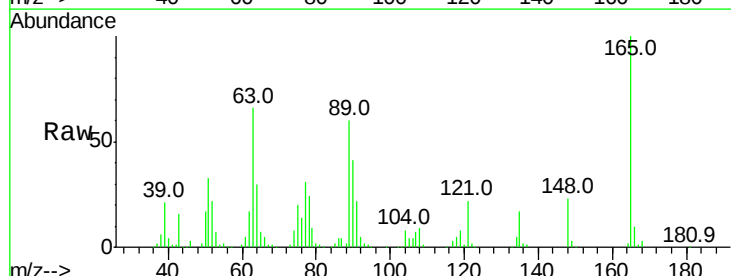


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

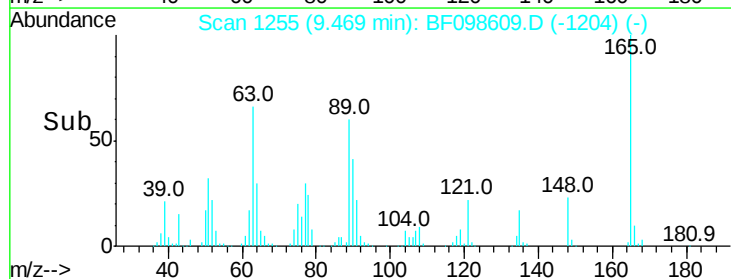
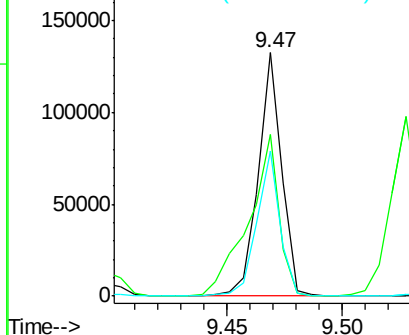


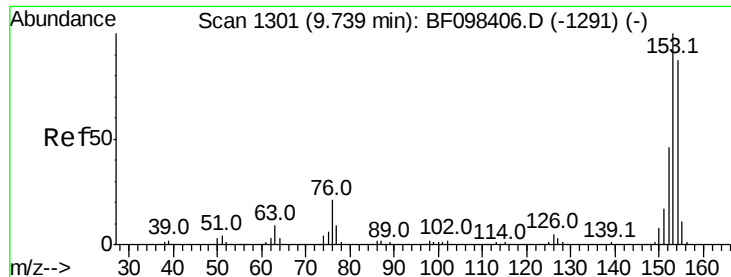
#50
 2,6-Dinitrotoluene
 Concen: 28.405 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94056		
63	66.3		34.3	51.5#
89	59.6		37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

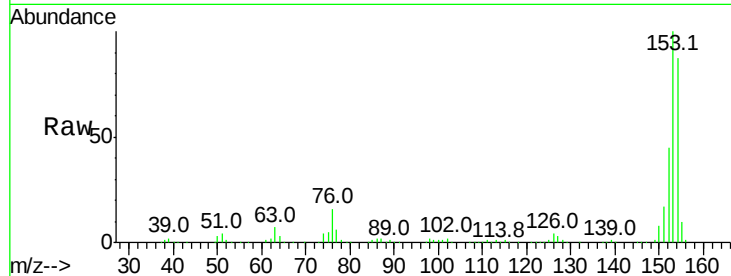




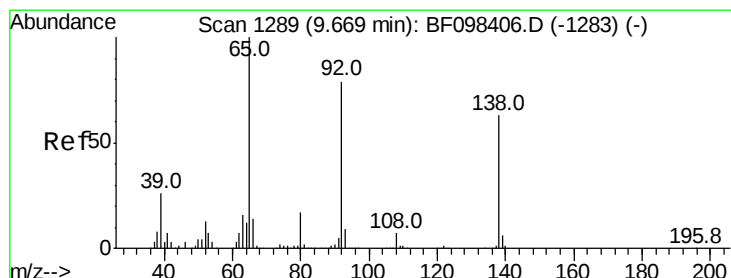
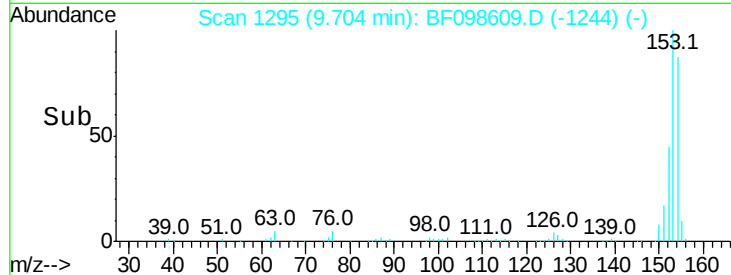
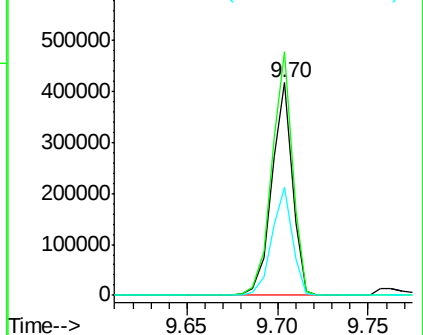
#51
Acenaphthene
Concen: 26.142 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 328901
Ion Ratio Lower Upper
154 100
153 114.4 90.5 135.7
152 51.0 43.6 65.4

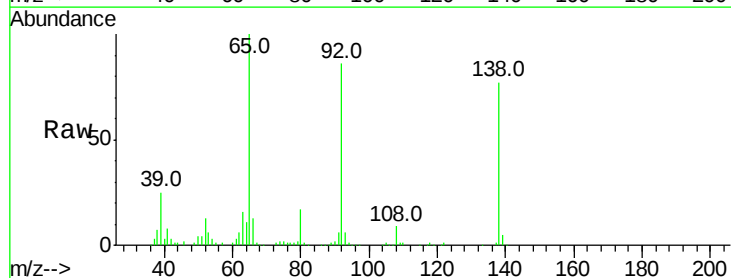


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

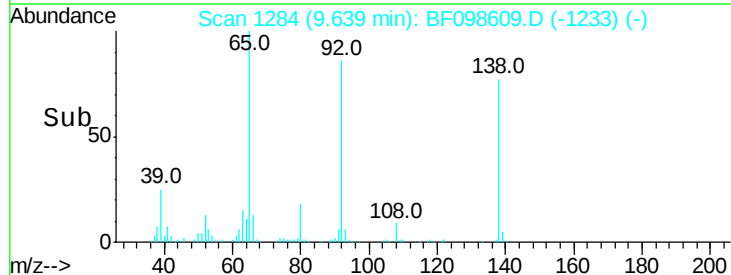
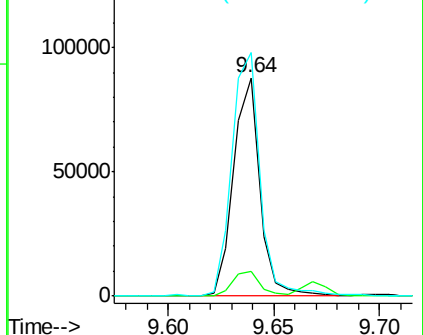


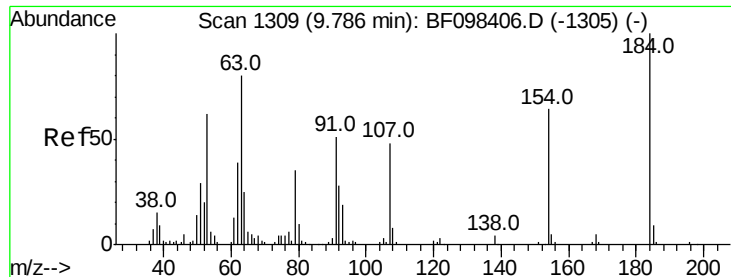
#52
3-Nitroaniline
Concen: 18.916 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:138 Resp: 75608
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 111.5 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

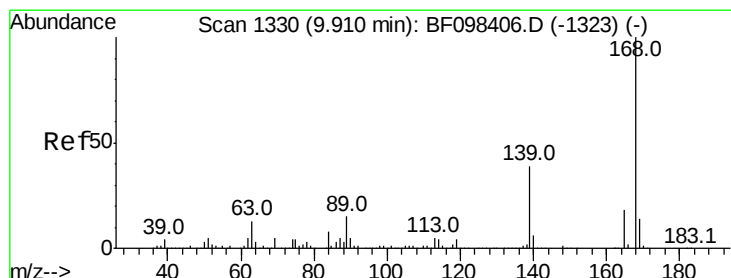
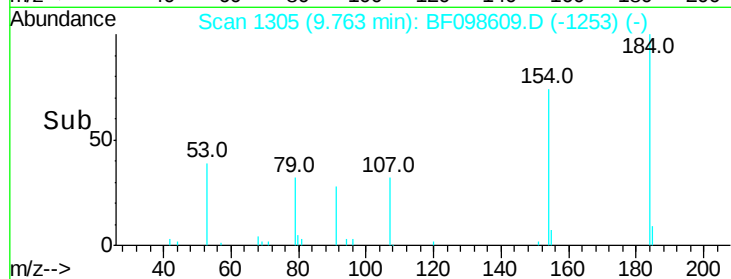
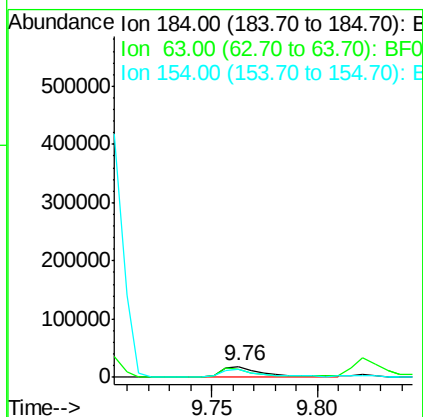
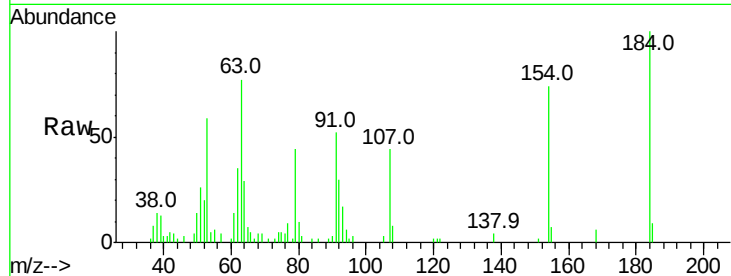




#53
 2,4-Dinitrophenol
 Concen: 23.540 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

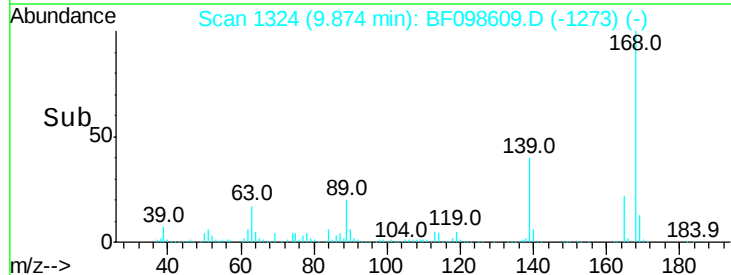
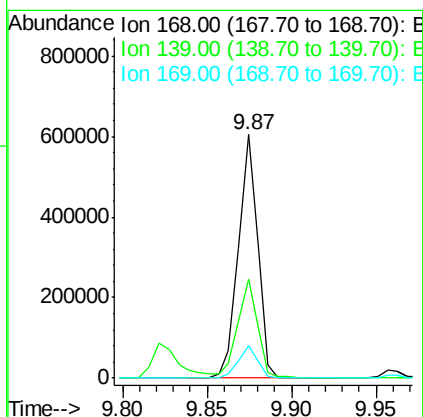
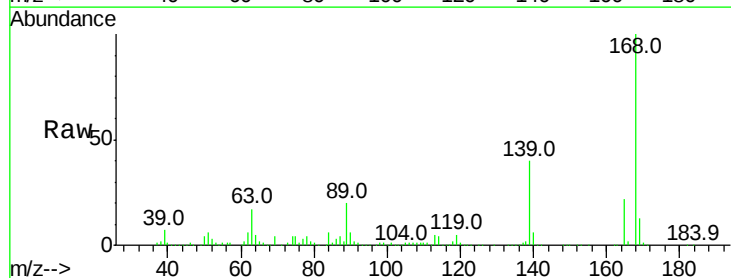
Instrument :
 BNA_F
 ClientSampleId :

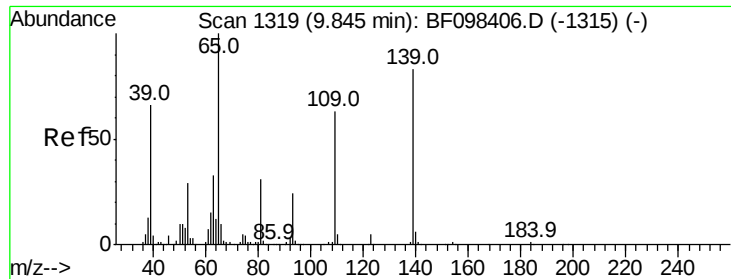
Tot Ion:184 Resp: 26305
 Ion Ratio Lower Upper
 184 100
 63 77.3 62.7 94.1
 154 73.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 28.796 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:168 Resp: 477279
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.6 45.8
 169 13.3 10.8 16.2

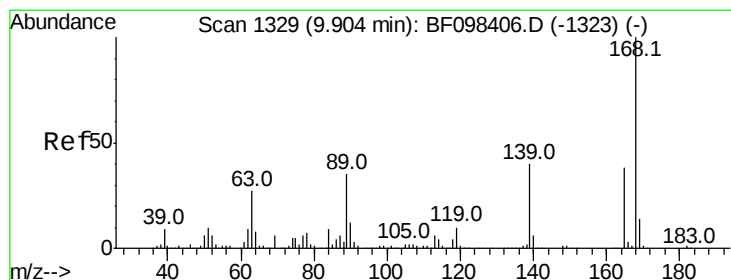
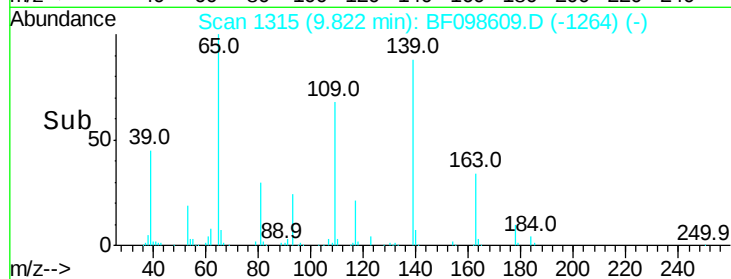
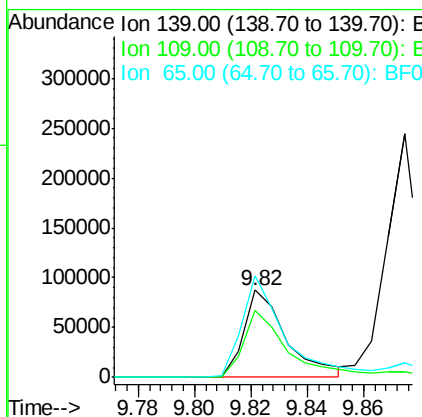
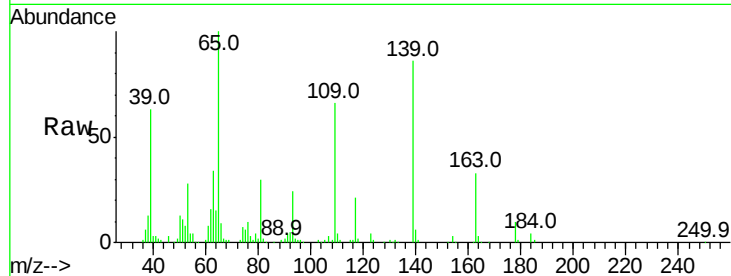




#55
4-Nitrophenol
Concen: 40.158 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

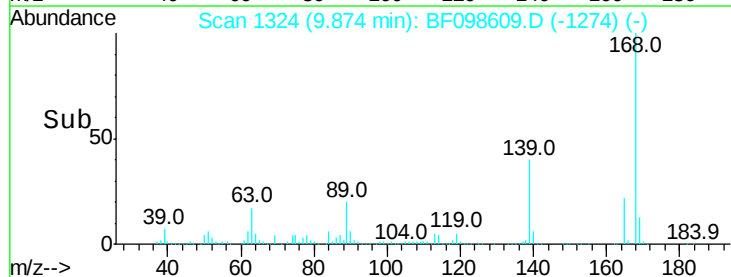
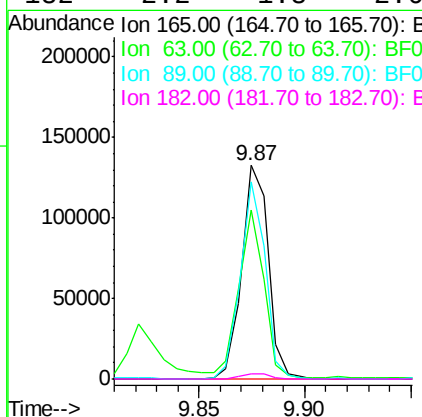
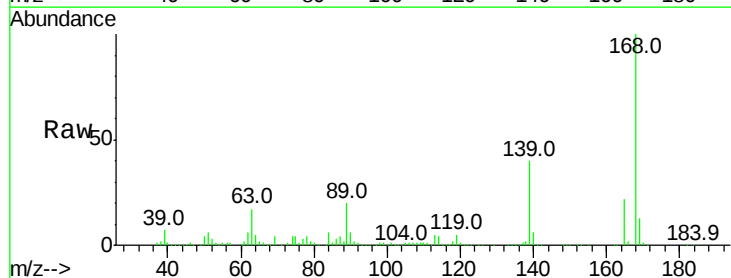
Instrument :
BNA_F
ClientSampleId :

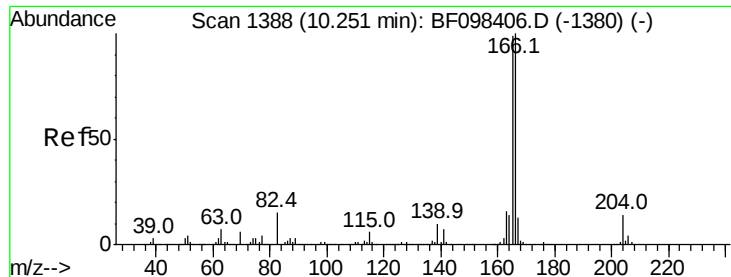
Tot Ion:139 Resp: 92220
Ion Ratio Lower Upper
139 100
109 77.5 34.1 74.1#
65 116.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 28.705 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:165 Resp: 115555
Ion Ratio Lower Upper
165 100
63 79.1 25.4 38.0#
89 92.2 46.4 69.6#
182 2.2 1.8 2.6

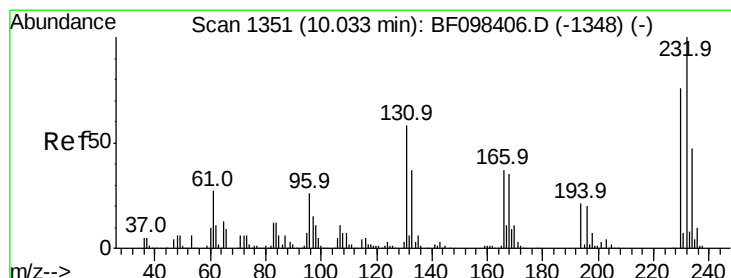
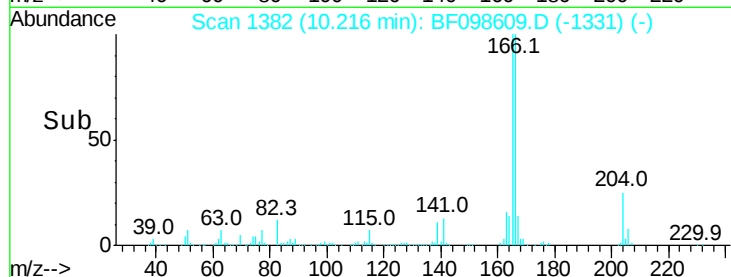
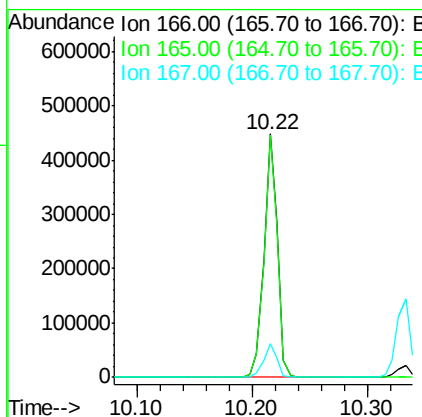
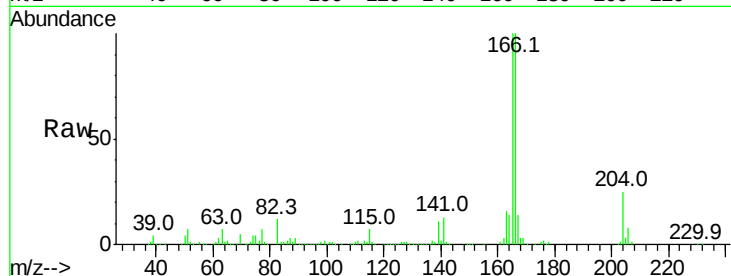




#57
 Fluorene
 Concen: 26.776 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

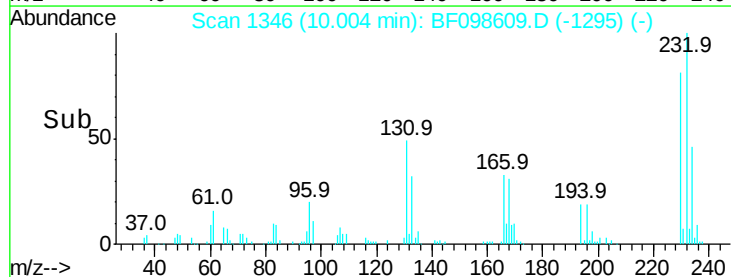
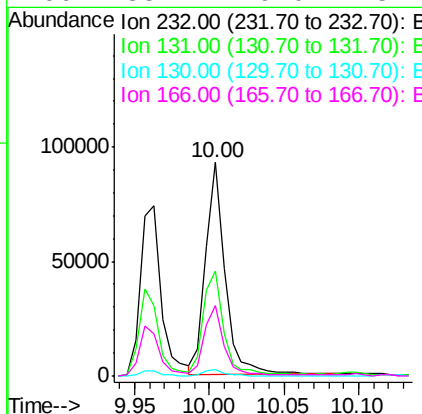
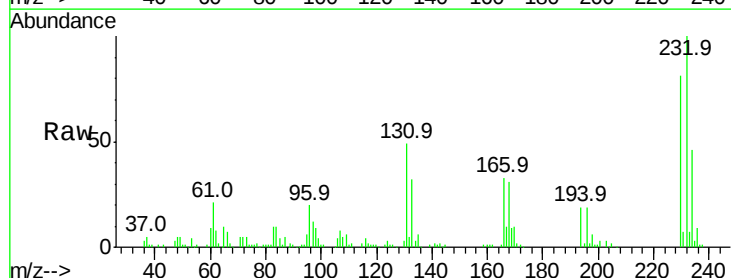
Instrument :
 BNA_F
 ClientSampleID :

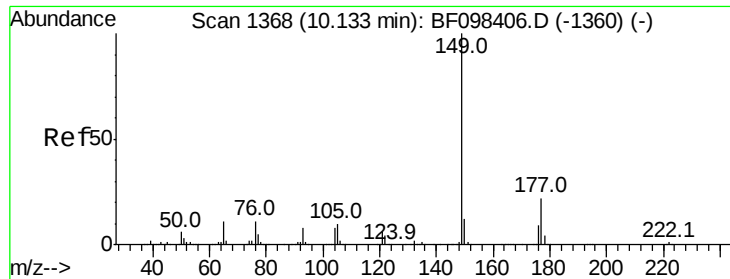
Tot Ion:166 Resp: 367330
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.646 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:232 Resp: 84698
 Ion Ratio Lower Upper
 232 100
 131 50.7 44.8 67.2
 130 3.0 2.3 3.5
 166 33.1 29.0 43.4

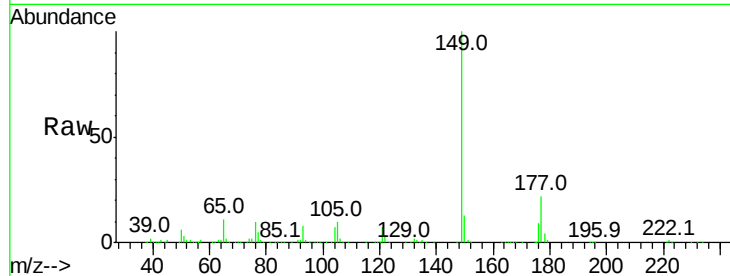




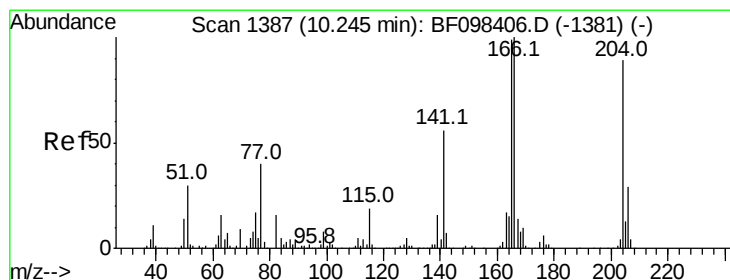
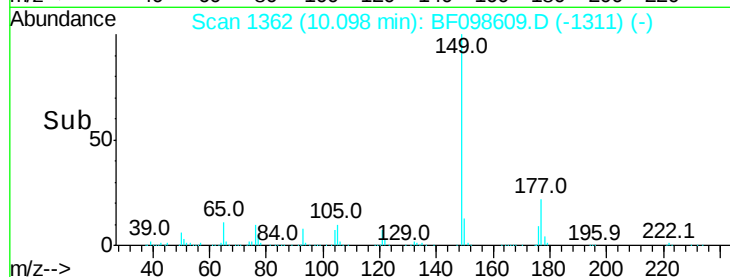
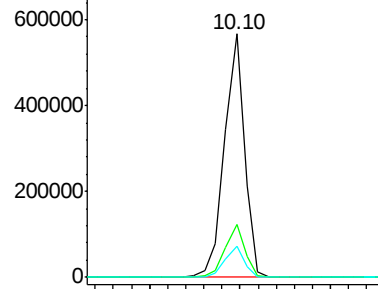
#59
Diethylphthalate
Concen: 28.422 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 435724
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.6 10.2 15.2

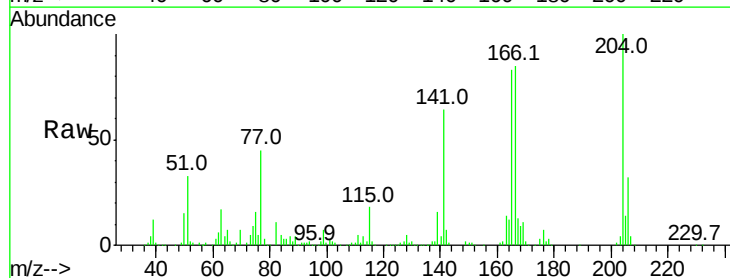


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

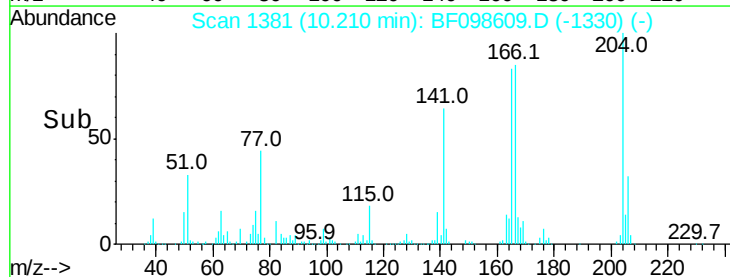
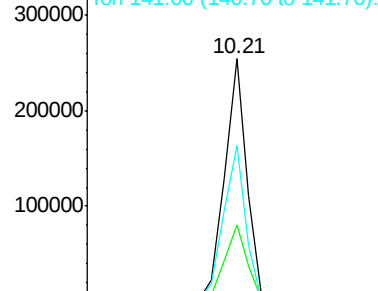


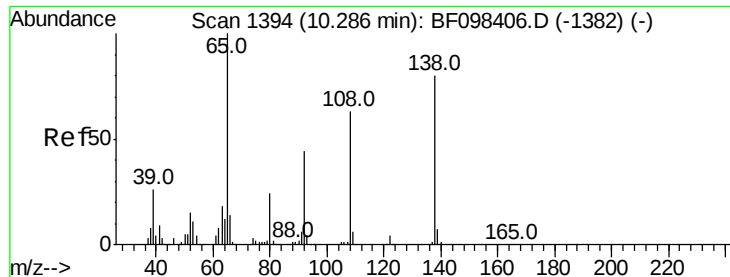
#60
4-Chlorophenyl-phenylether
Concen: 29.488 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:204 Resp: 186856
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.2
141 64.2 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 20.180 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

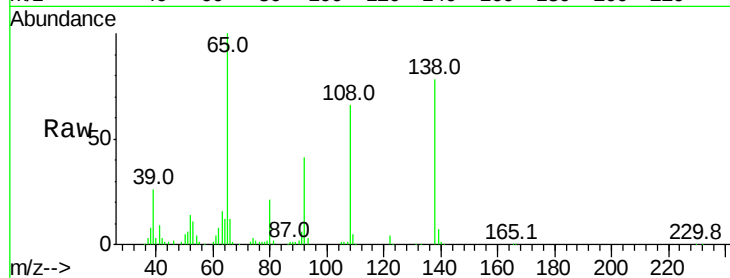
Tot Ion:138 Resp: 81460

Ion Ratio Lower Upper

138 100

92 52.5 21.8 61.8

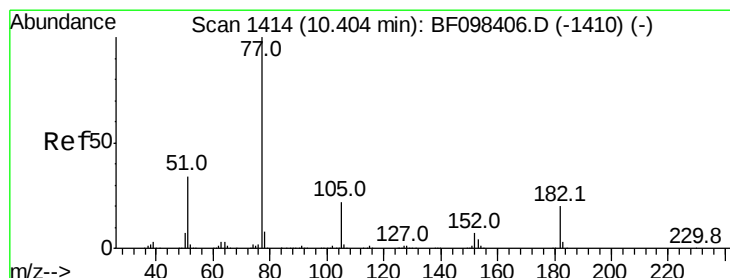
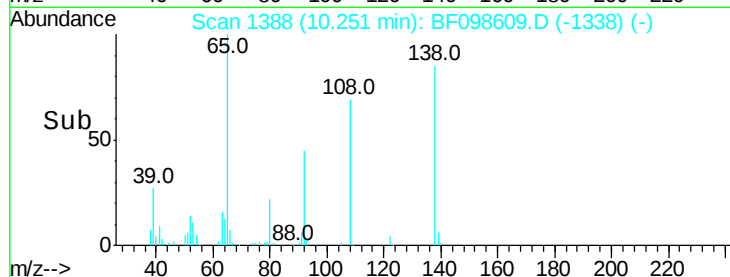
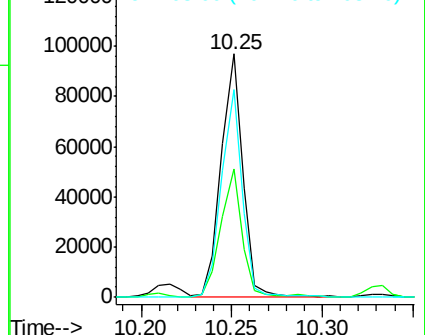
108 85.2 42.3 82.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 23.898 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Tgt Ion: 77 Resp: 394866

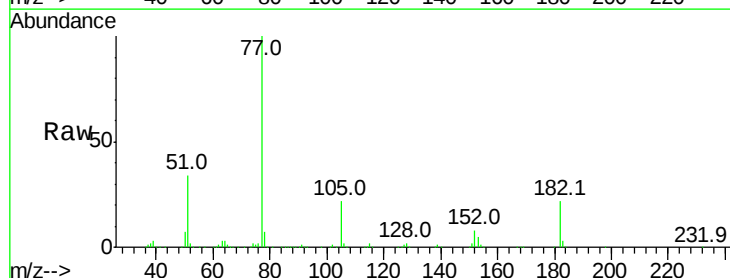
Ion Ratio Lower Upper

77 100

182 22.2 0.1 40.1

105 22.3 3.6 43.6

51 33.6 9.4 49.4

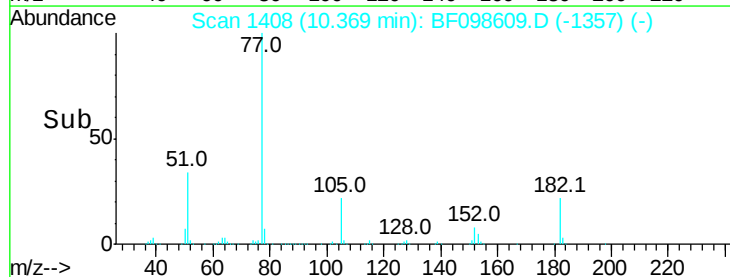
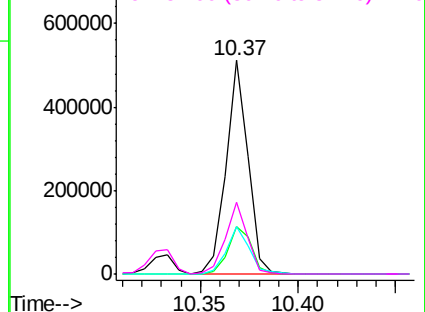


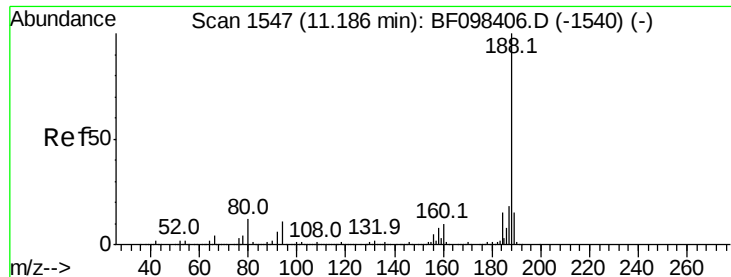
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

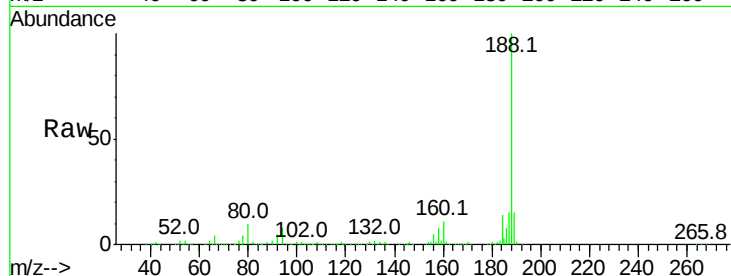




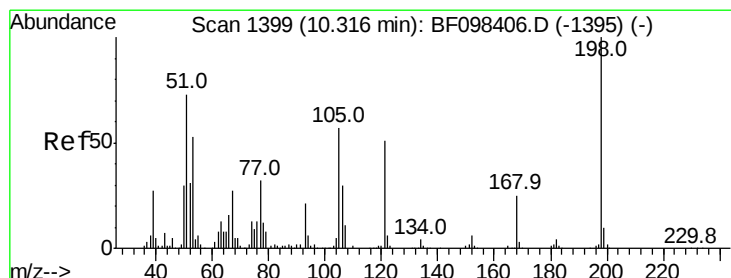
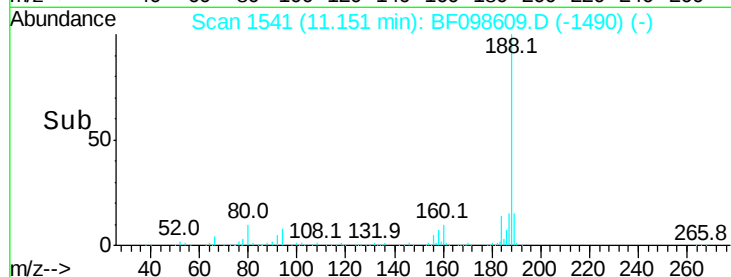
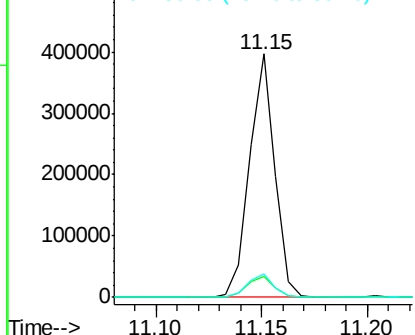
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 329000
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.4 14.2#
 80 9.8 10.2 15.2#

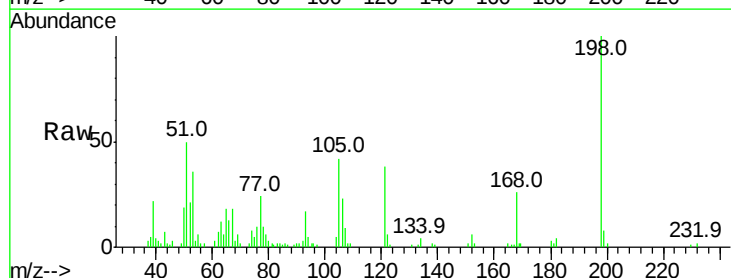


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

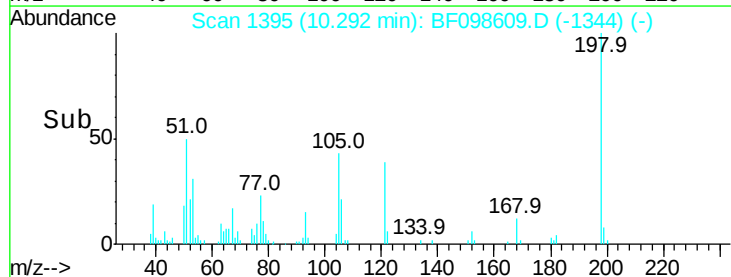
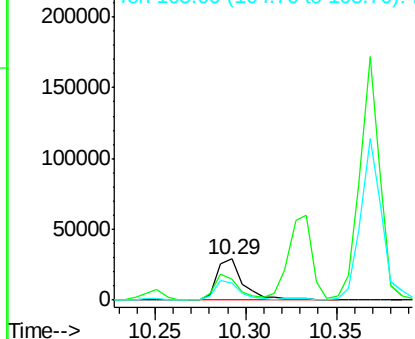


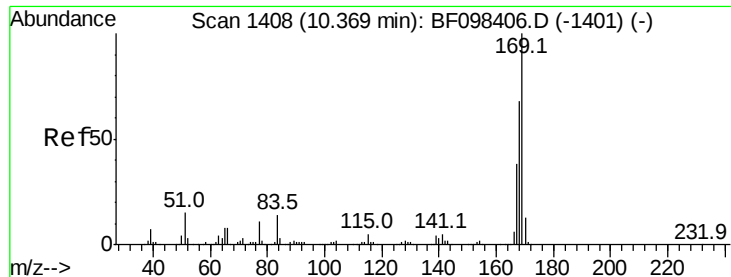
#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.321 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:198 Resp: 30063
 Ion Ratio Lower Upper
 198 100
 51 49.8 53.2 93.2#
 105 41.8 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.653 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

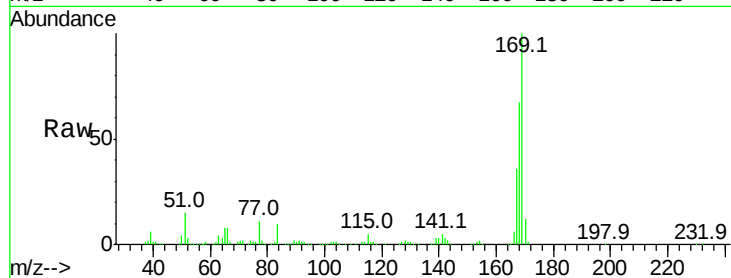
Tot Ion:169 Resp: 327460

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

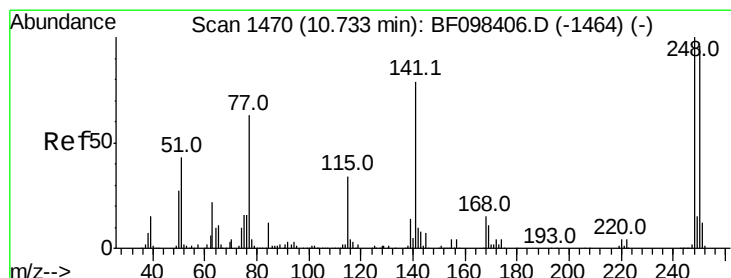
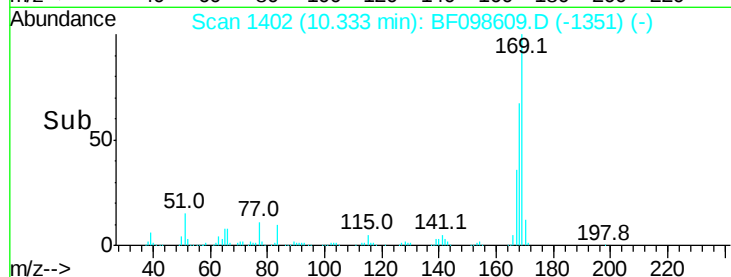
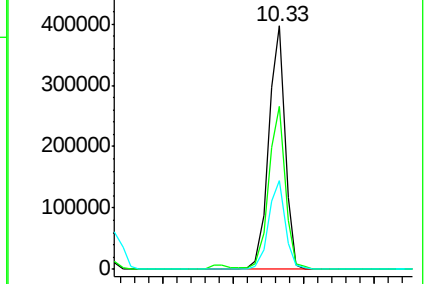
167 36.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.307 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

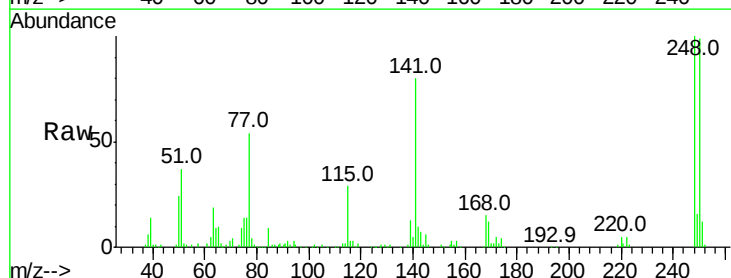
Tgt Ion:248 Resp: 100879

Ion Ratio Lower Upper

248 100

250 98.9 76.8 115.2

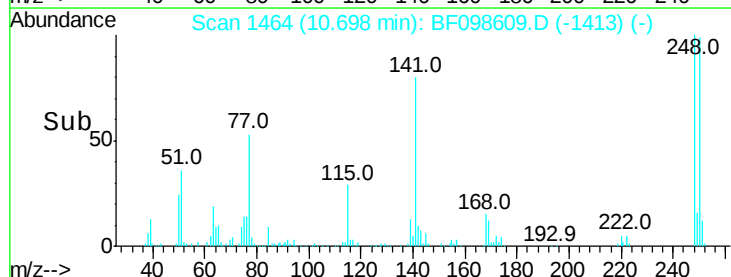
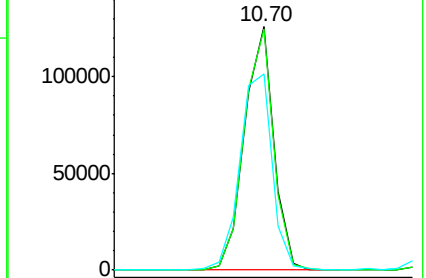
141 80.5 68.6 103.0

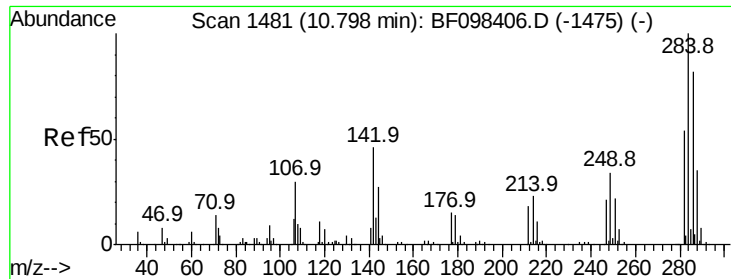


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

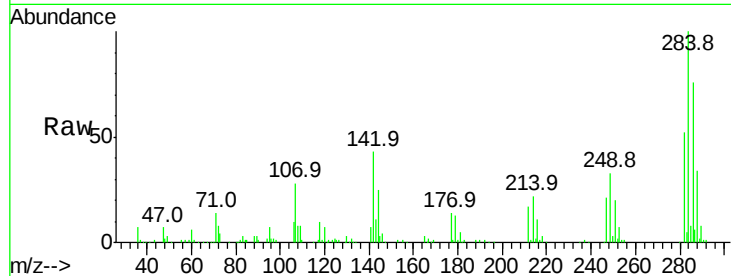




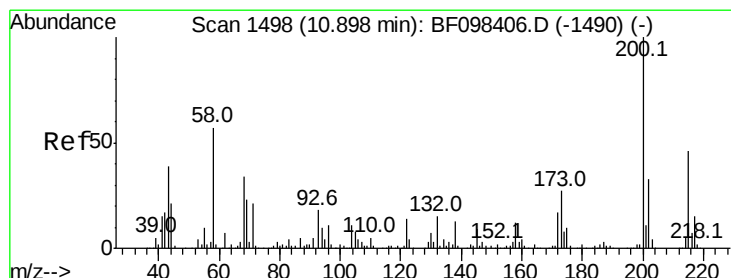
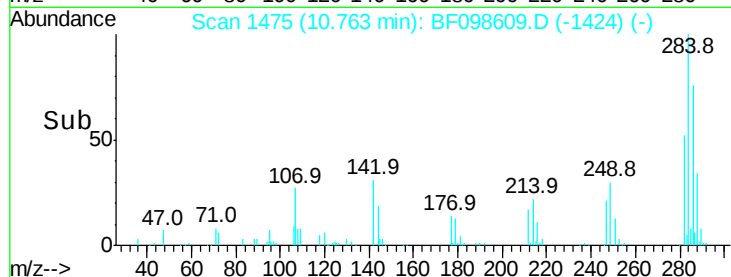
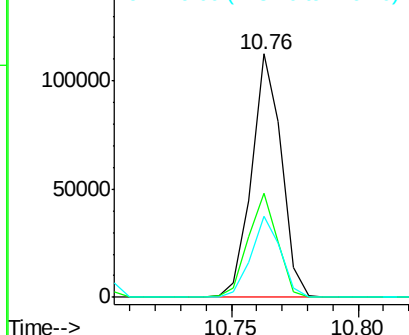
#67
Hexachlorobenzene
Concen: 29.040 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 91979
Ion Ratio Lower Upper
284 100
142 43.0 22.8 34.2#
249 33.4 24.0 36.0

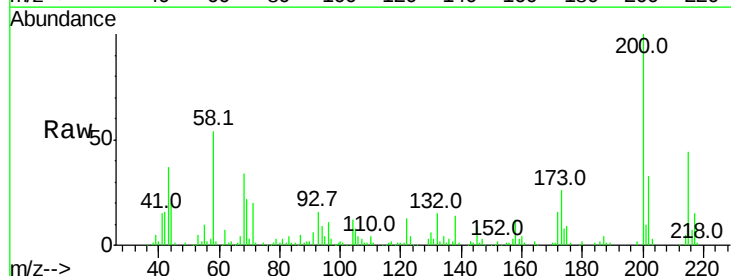


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

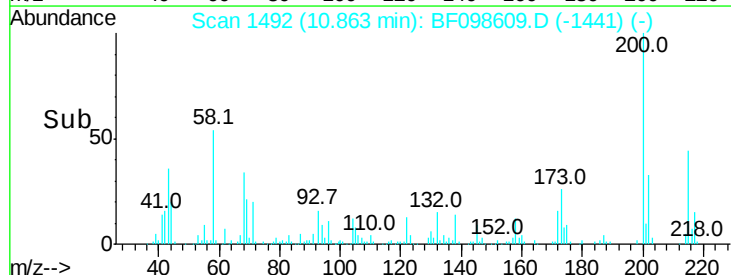
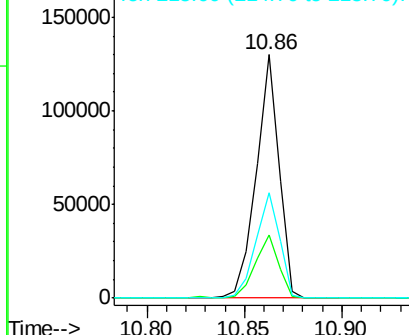


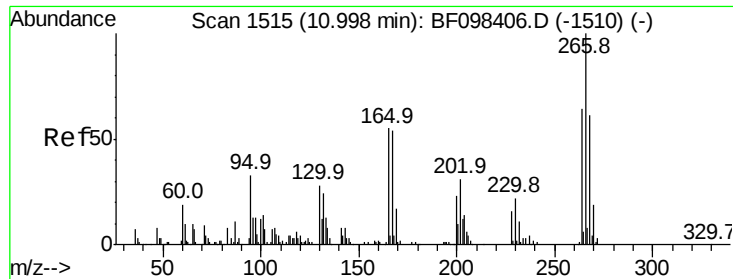
#68
Atrazine
Concen: 32.118 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:200 Resp: 105630
Ion Ratio Lower Upper
200 100
173 25.8 6.3 46.3
215 43.5 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

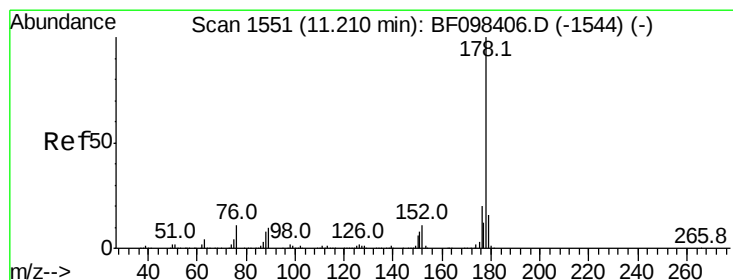
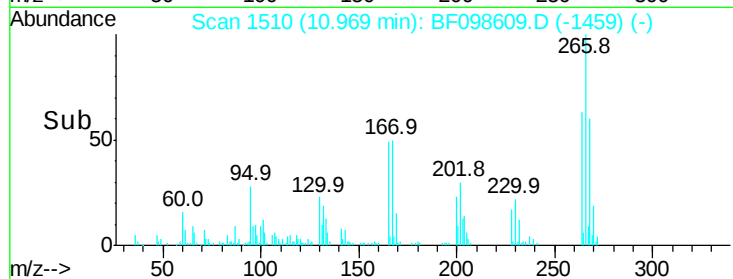
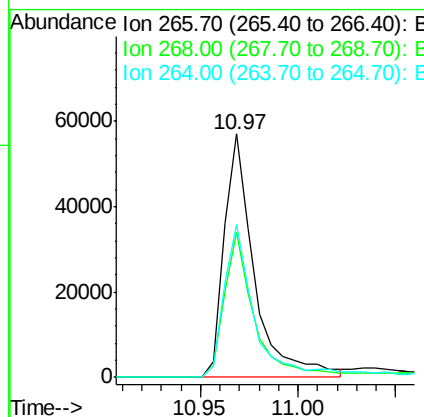
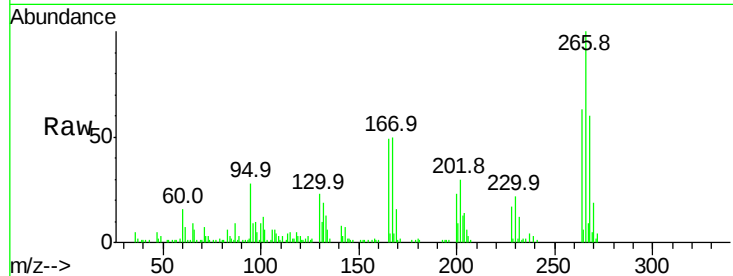




#69
 Pentachlorophenol
 Concen: 46.715 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

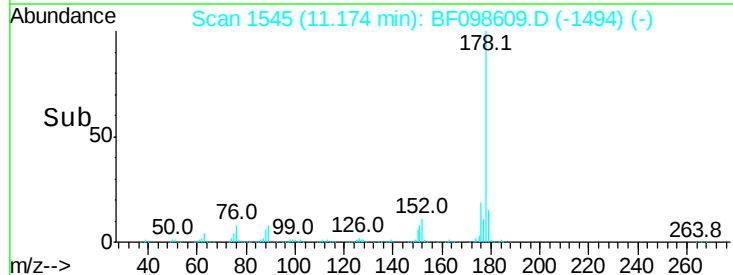
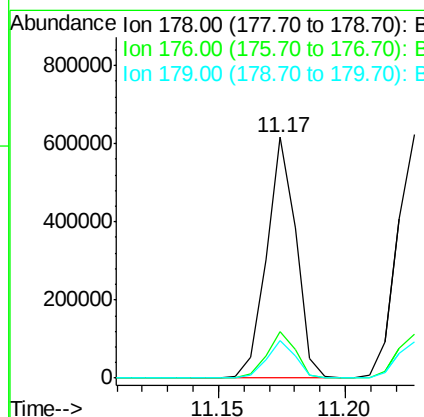
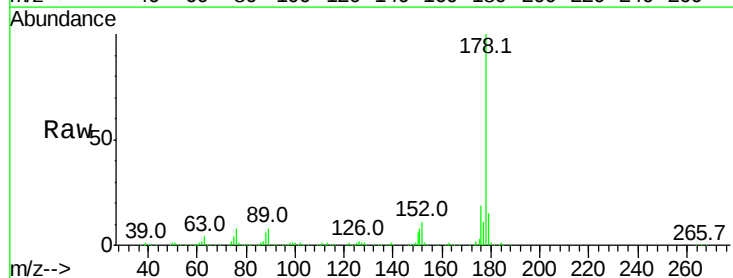
Instrument :
 BNA_F
 ClientSampleId :

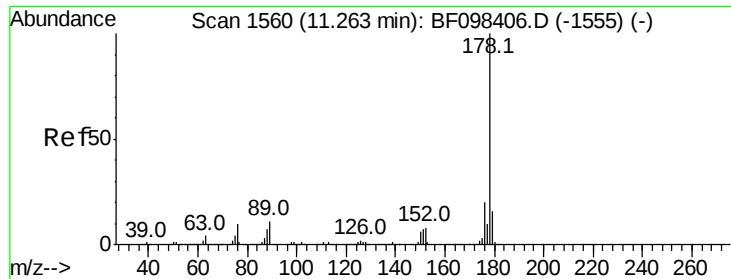
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.8	51.1	76.7
264	63.0	51.7	77.5



#70
 Phenanthrene
 Concen: 28.692 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.4	12.6	19.0

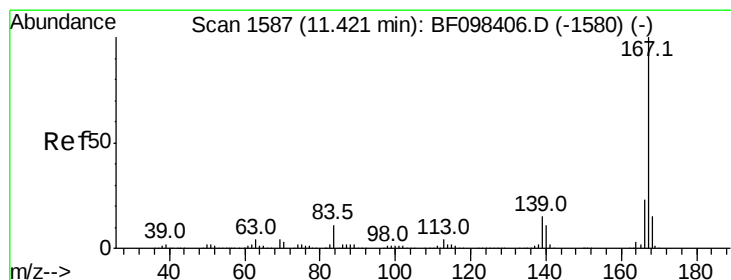
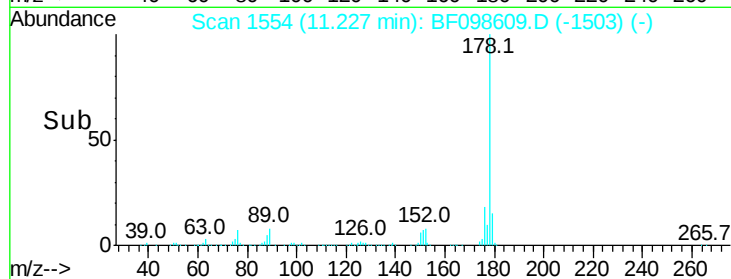
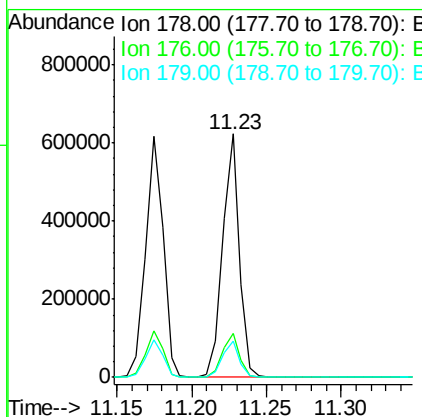
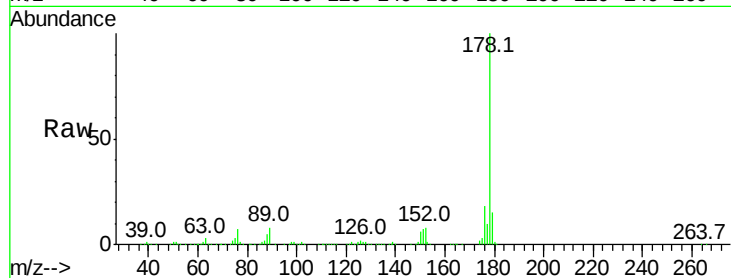




#71
 Anthracene
 Concen: 27.632 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

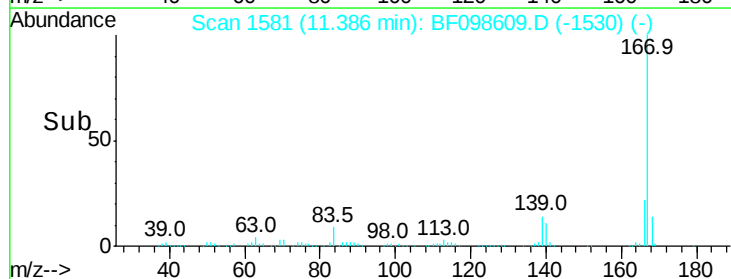
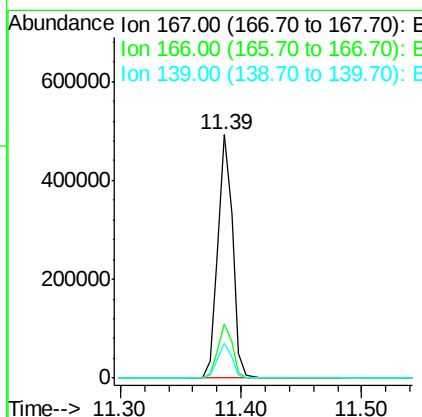
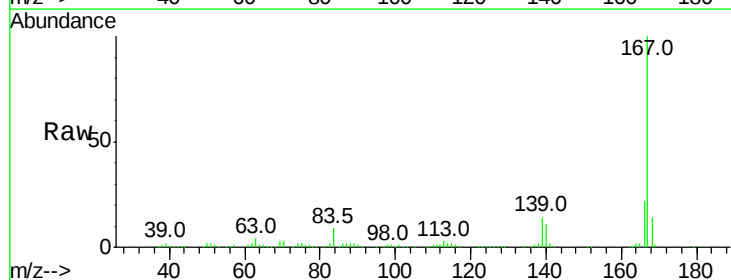
Instrument :
 BNA_F
 ClientSampleId :

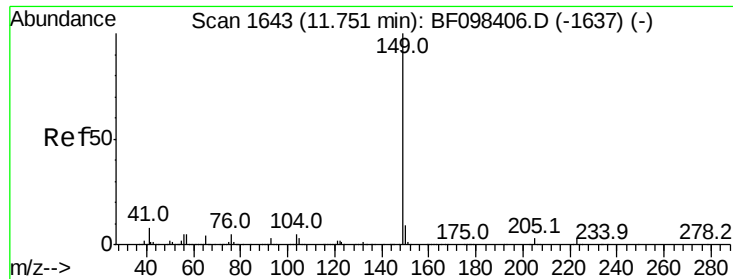
Tot Ion:178 Resp: 494802
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 24.630 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BF098609.D
 Acq: 18 Sep 2017 18:33

Tgt Ion:167 Resp: 411032
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 14.1 11.7 17.5

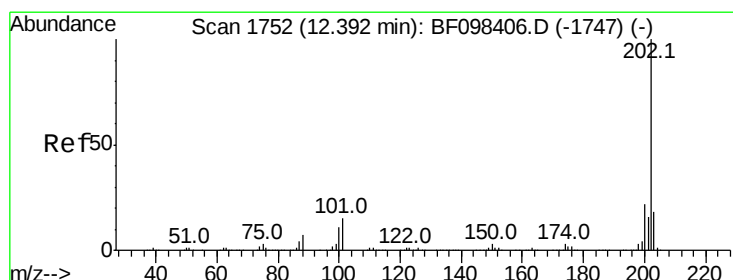
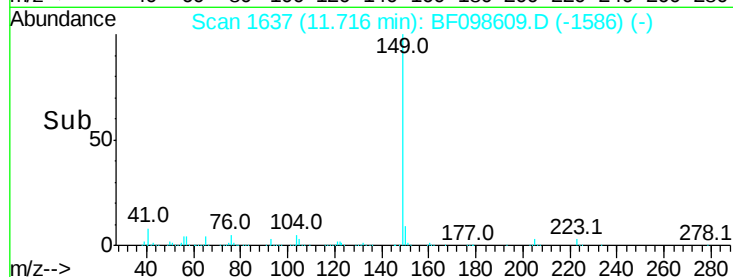
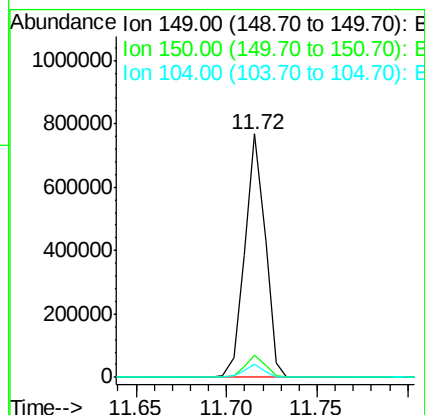
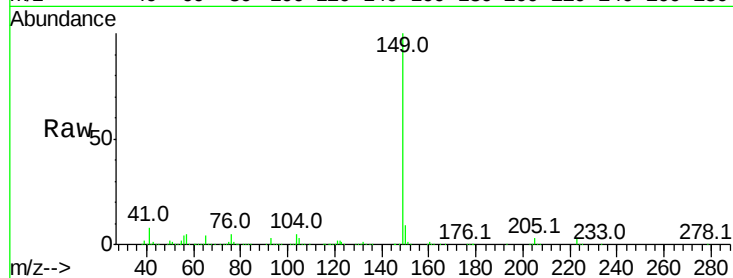




#73
Di-n-butylphthalate
Concen: 29.986 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

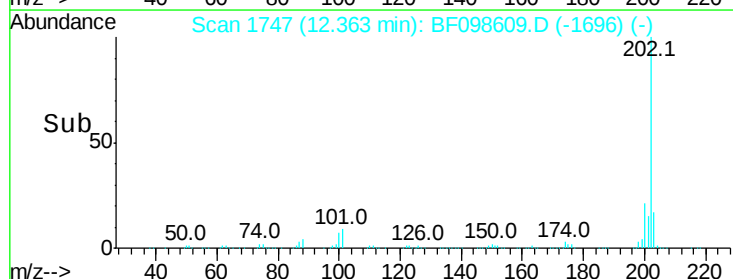
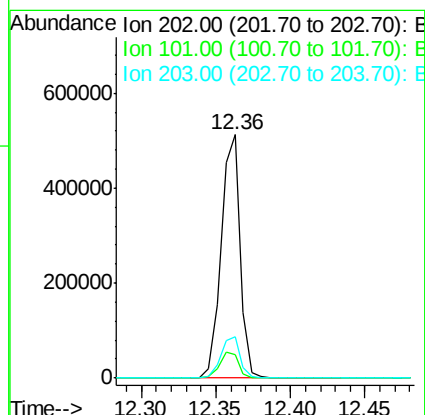
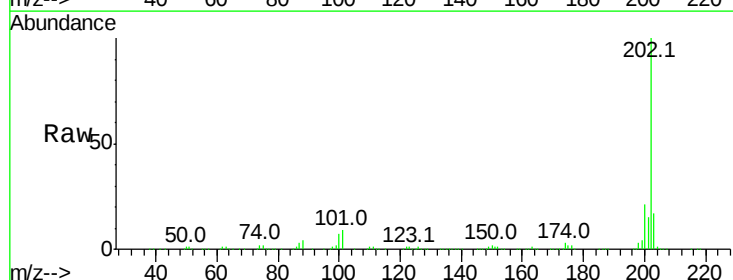
Instrument :
BNA_F
ClientSampleId :

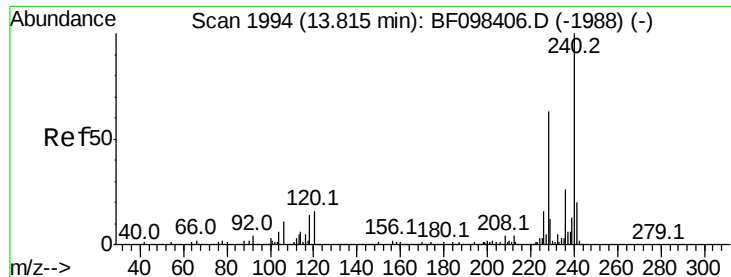
Tot Ion:149 Resp: 599573
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.4 4.0 6.0



#74
Fluoranthene
Concen: 26.379 ng
RT: 12.36 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:202 Resp: 460574
Ion Ratio Lower Upper
202 100
101 9.4 0.0 33.2
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

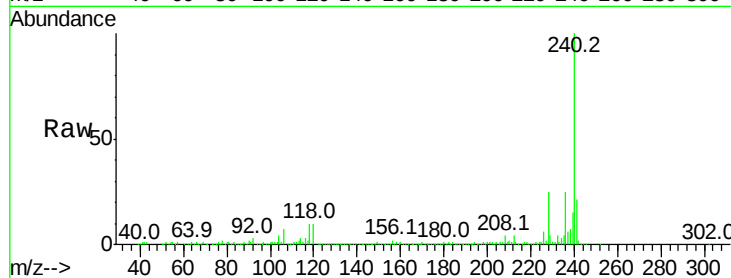
Tot Ion:240 Resp: 205257

Ion Ratio Lower Upper

240 100

120 10.3 5.8 8.8#

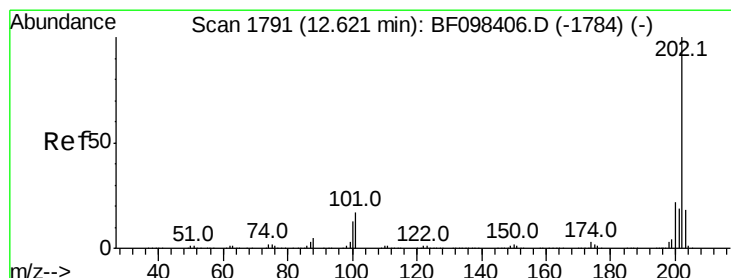
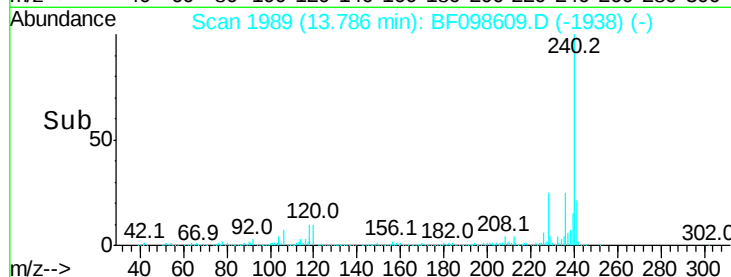
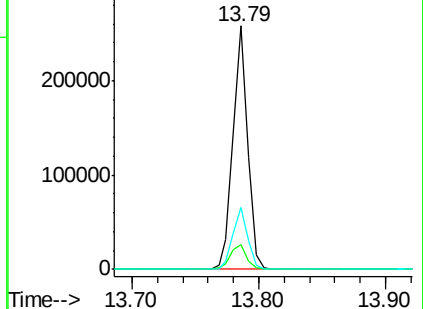
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 27.918 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

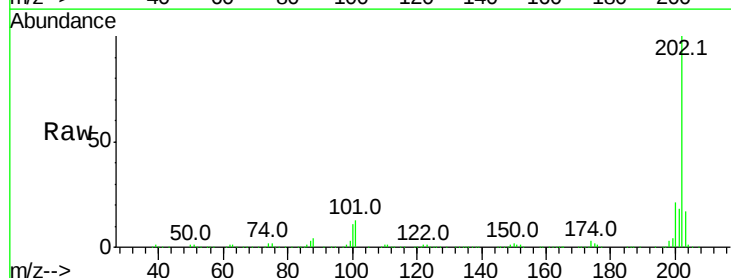
Tgt Ion:202 Resp: 452055

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

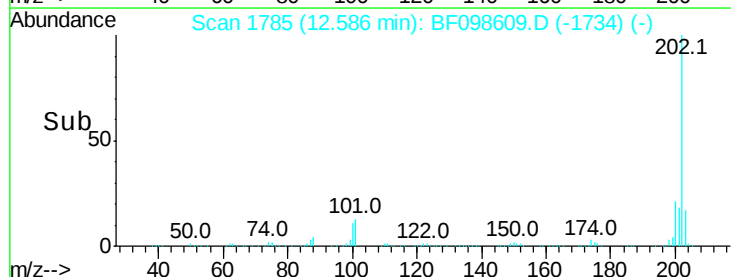
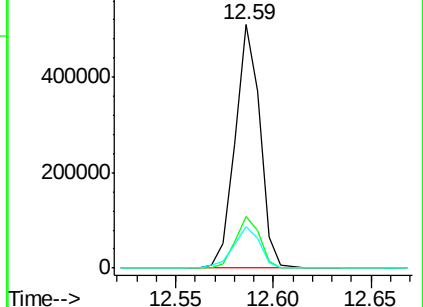
203 17.2 14.4 21.6

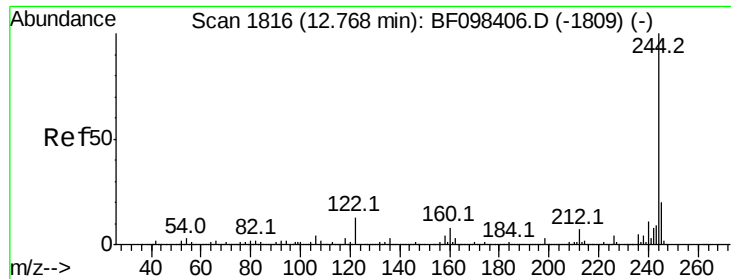


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.451 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

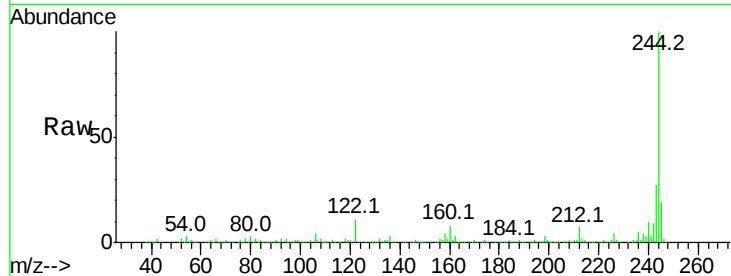
Tot Ion:244 Resp: 517797

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

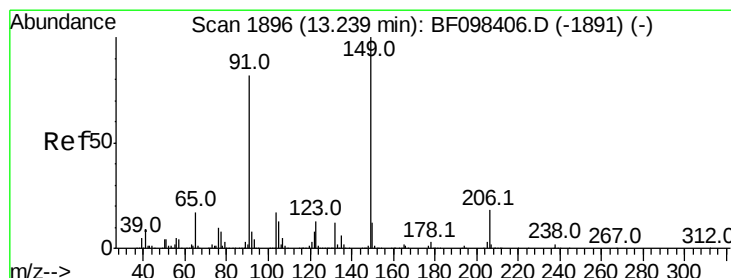
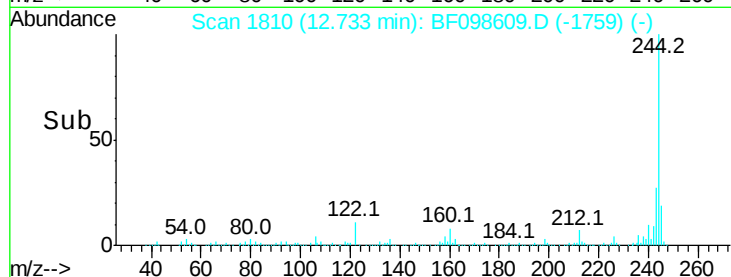
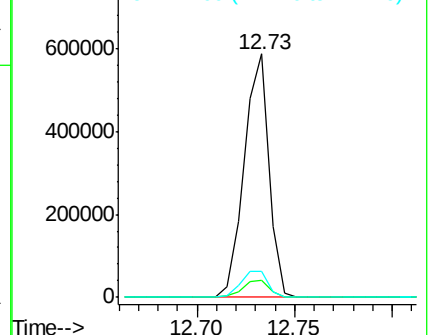
122 10.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 28.825 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

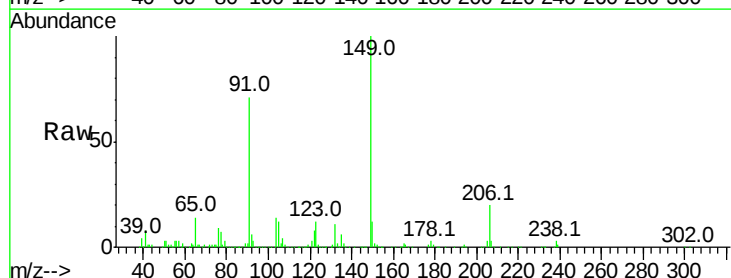
Tgt Ion:149 Resp: 202479

Ion Ratio Lower Upper

149 100

91 71.1 45.0 67.4#

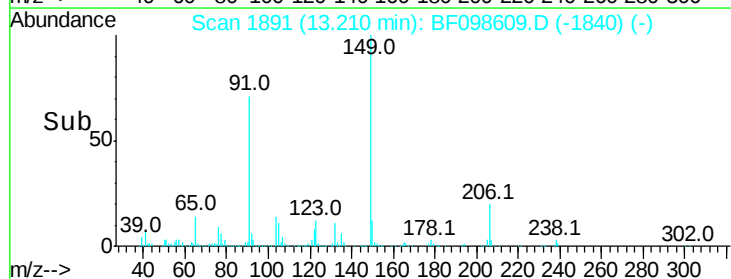
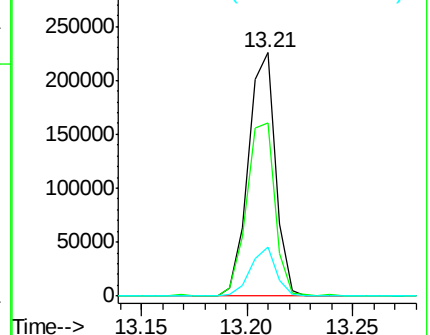
206 20.2 17.0 25.6

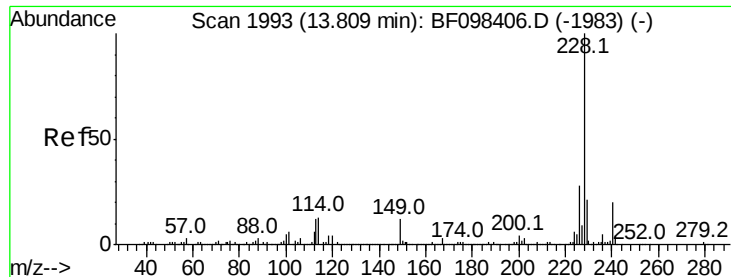


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 29.766 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

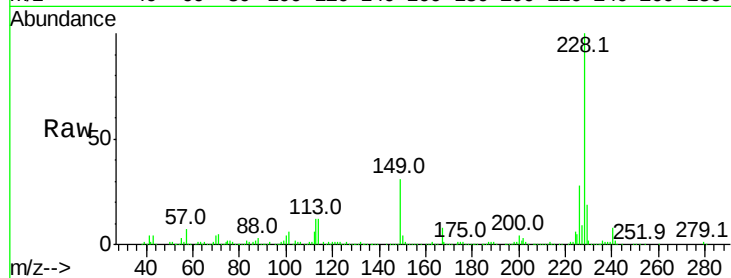
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 358203

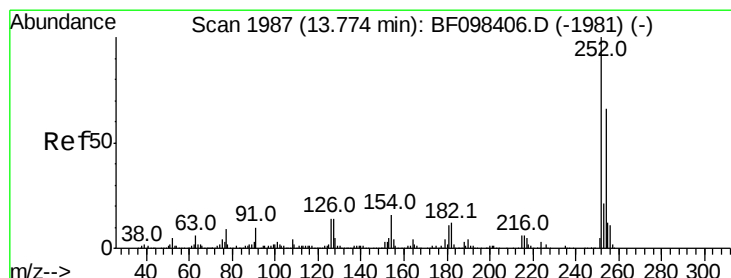
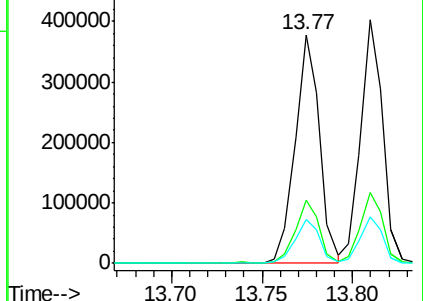
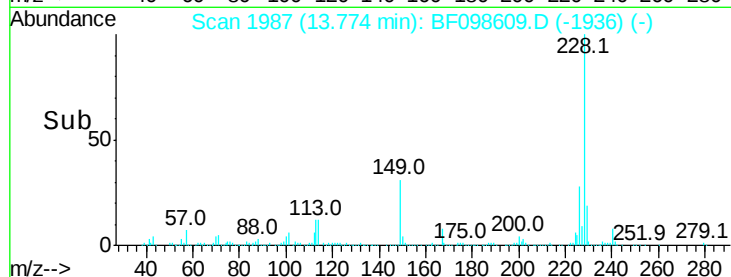
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.3	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 19.228 ng

RT: 13.74 min Scan# 1981

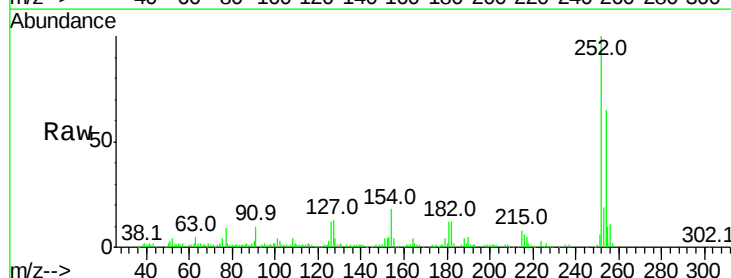
Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Tgt Ion:252 Resp: 89924

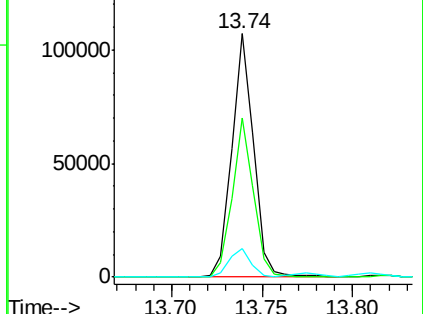
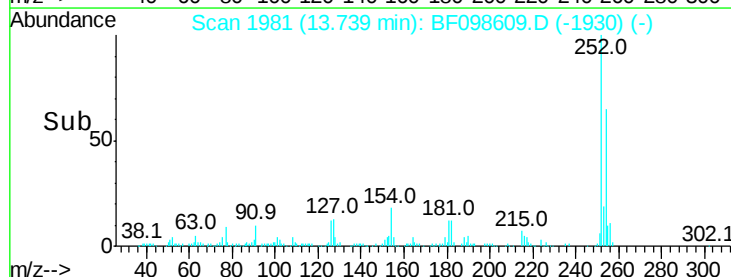
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	12.0	15.8	23.8

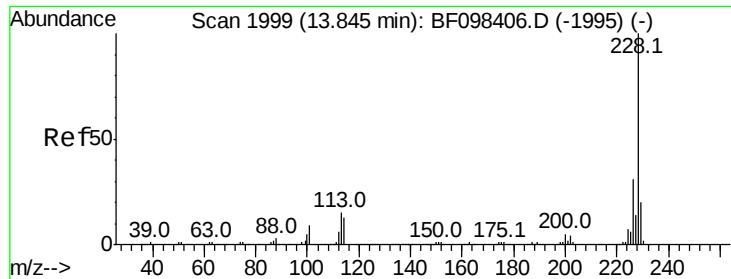


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 28.023 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

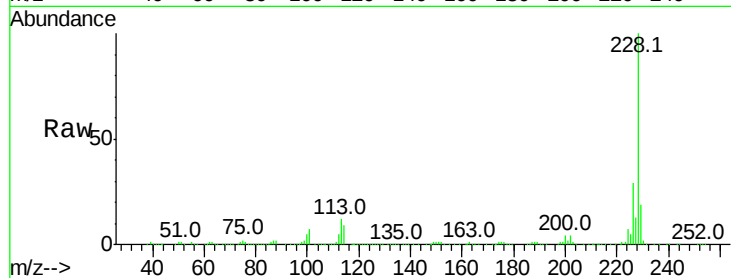
Tot Ion:228 Resp: 340872

Ion Ratio Lower Upper

228 100

226 28.9 24.9 37.3

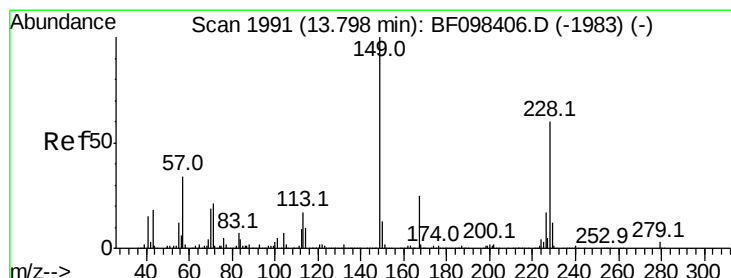
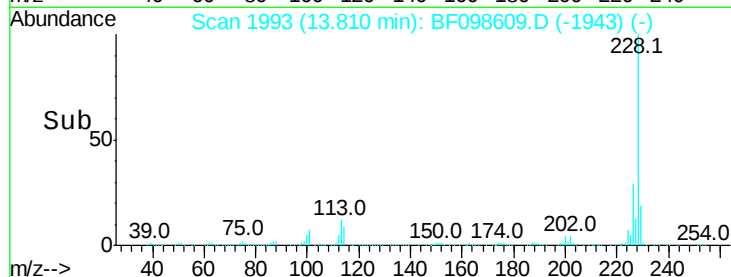
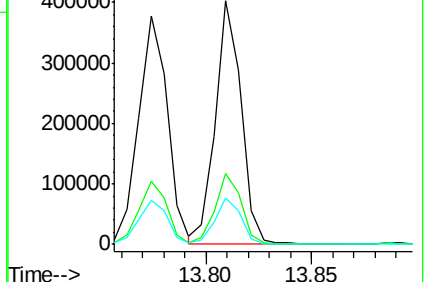
229 19.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.294 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

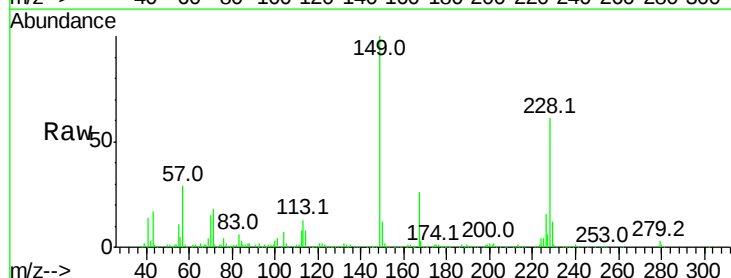
Tgt Ion:149 Resp: 293520

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

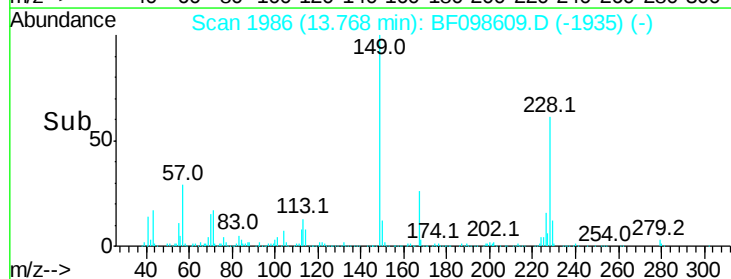
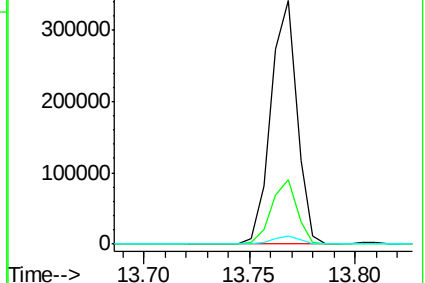
279 3.1 1.9 2.9#

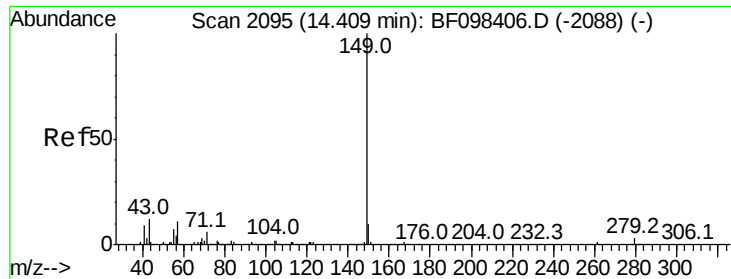


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 32.228 ng

RT: 14.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

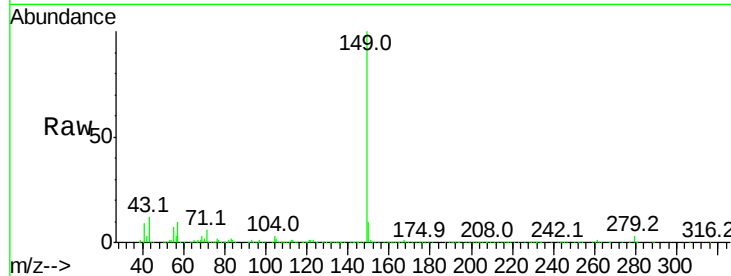
Tot Ion:149 Resp: 487462

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

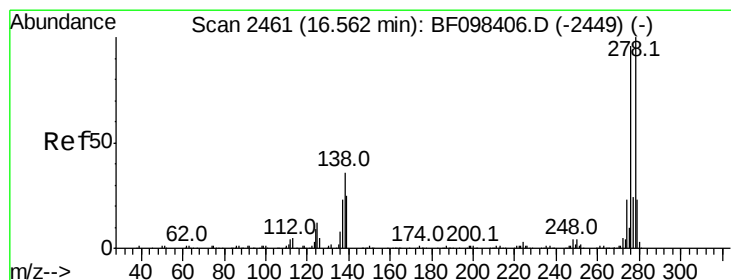
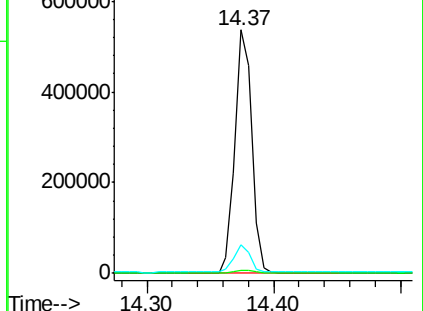
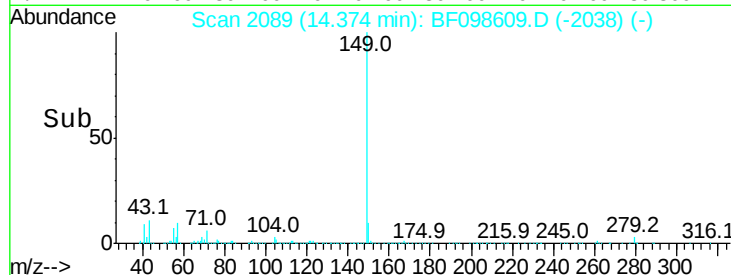
43 10.9 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 31.059 ng

RT: 16.52 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

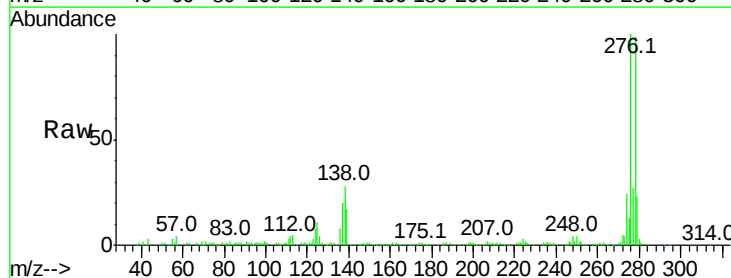
Tgt Ion:276 Resp: 265064

Ion Ratio Lower Upper

276 100

138 25.4 27.8 41.6#

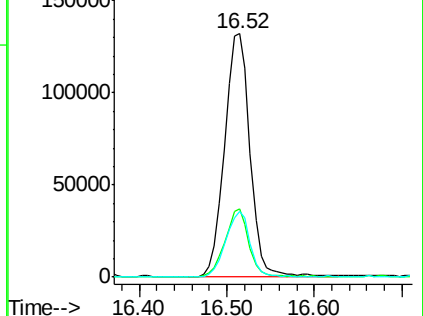
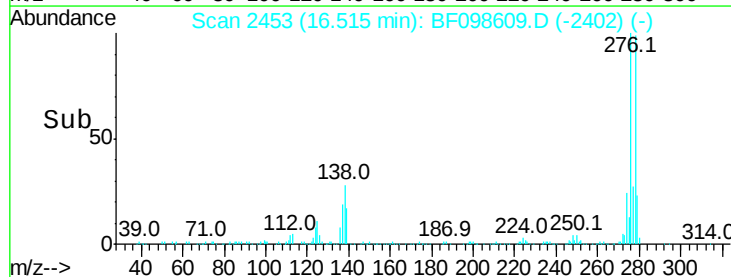
277 26.0 20.2 30.4

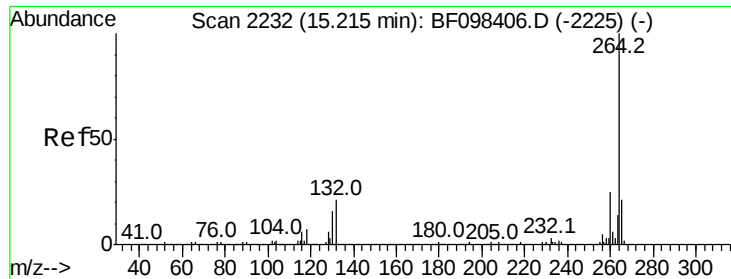


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

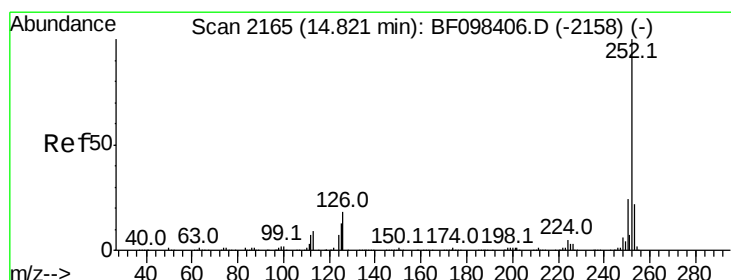
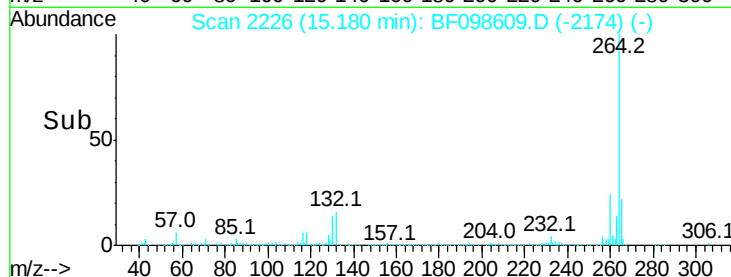
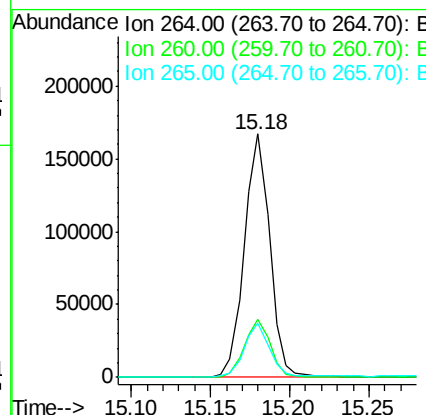
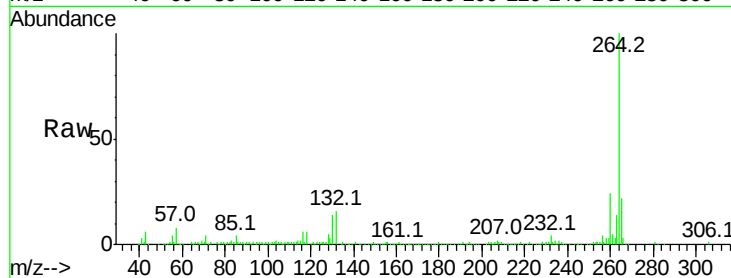




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

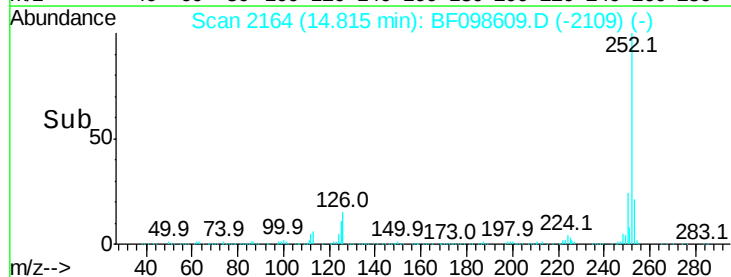
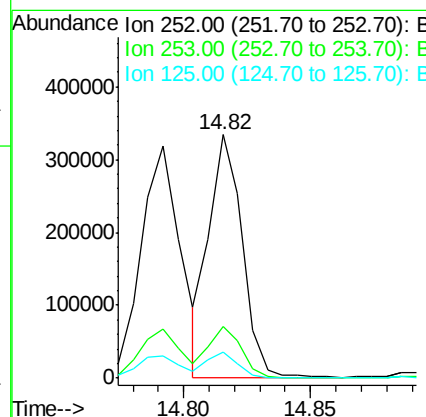
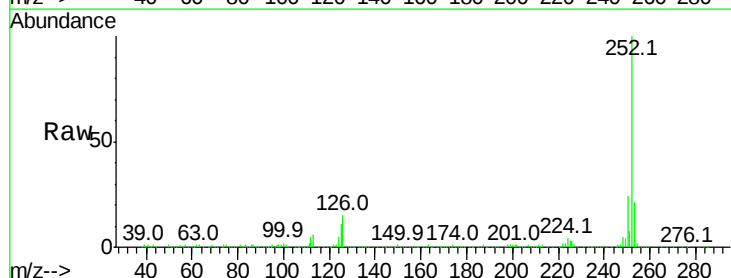
Instrument :
BNA_F
ClientSampleId :

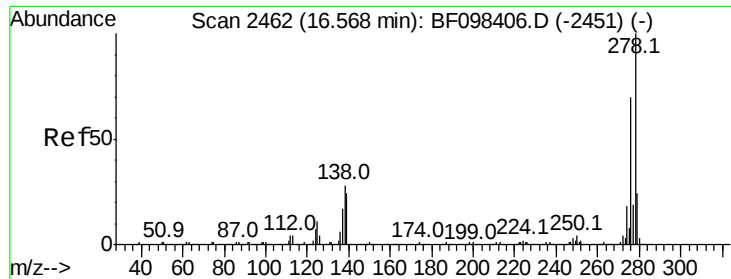
Tot Ion:264 Resp: 186460
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 25.925 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.02 min
Lab File: BF098609.D
Acq: 18 Sep 2017 18:33

Tgt Ion:252 Resp: 303946
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 10.7 9.8 14.8





#90

Dibenzo(a,h)anthracene

Concen: 28.648 ng

RT: 16.52 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

Instrument :

BNA_F

ClientSampleId :

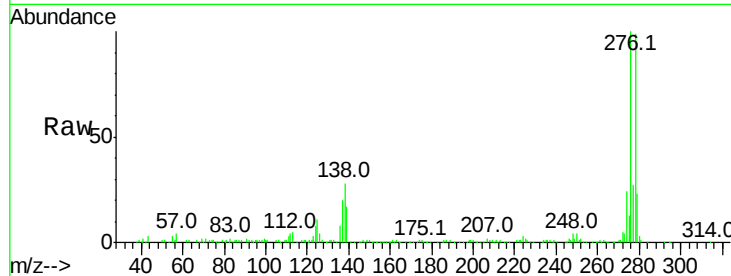
Tot Ion:278 Resp: 217666

Ion Ratio Lower Upper

278 100

139 17.5 16.6 24.8

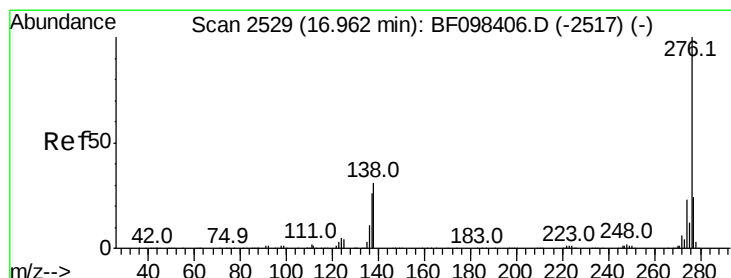
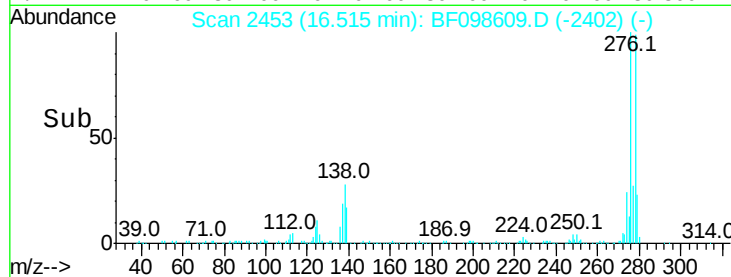
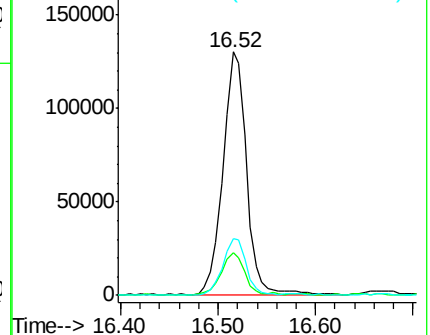
279 23.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 27.716 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BF098609.D

Acq: 18 Sep 2017 18:33

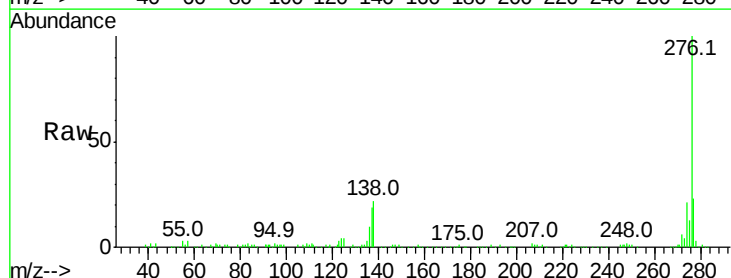
Tgt Ion:276 Resp: 211813

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 21.6 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

