

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098870.D
 Acq On : 27 Sep 2017 18:41
 Operator : SJ/JU
 Sample : PB102662BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:51:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139857	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	580888	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	271285	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	506788	20.00	ng	0.00
75) Chrysene-d12	14.09	240	444458	20.00	ng	0.00
86) Perylene-d12	15.57	264	414413	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	740120	84.24	ng	0.00
7) Phenol-d6	6.54	99	892728	82.37	ng	0.00
23) Nitrobenzene-d5	7.48	82	771719	85.20	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	207844	93.63	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1429174	87.95	ng	0.00
78) Terphenyl-d14	13.03	244	1356777	69.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	137169	32.68	ng	98
3) Pyridine	3.55	79	392477	34.57	ng	98
4) n-Nitrosodimethylamine	3.50	42	192024	39.89	ng	97
6) Aniline	6.57	93	384866	26.31	ng	98
8) 2-Chlorophenol	6.70	128	383839	38.58	ng	99
9) Benzaldehyde	6.46	77	85787	13.65	ng	98
10) Phenol	6.55	94	467821	38.60	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	359792	38.18	ng	95
12) 1,3-Dichlorobenzene	6.86	146	396720	38.07	ng	98
13) 1,4-Dichlorobenzene	6.93	146	400850	37.81	ng	98
14) 1,2-Dichlorobenzene	7.09	146	374733	38.26	ng	99
15) Benzyl Alcohol	7.05	79	324118	40.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	552919	37.66	ng	98
17) 2-Methylphenol	7.16	107	325677	40.01	ng	97
18) Hexachloroethane	7.43	117	142017	37.27	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	255599	36.94	ng	97
20) 3+4-Methylphenols	7.31	107	401548	38.99	ng	93
22) Acetophenone	7.32	105	512681	36.43	ng	# 98
24) Nitrobenzene	7.50	77	388461	37.81	ng	94
25) Isophorone	7.73	82	710878	37.96	ng	100
26) 2-Nitrophenol	7.81	139	209031	42.30	ng	95
27) 2,4-Dimethylphenol	7.85	122	362561	38.85	ng	96
28) bis(2-Chloroethoxy)methane	7.94	93	458718	39.31	ng	99
29) 2,4-Dichlorophenol	8.05	162	321383	40.11	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	315505	39.37	ng	99
31) Naphthalene	8.22	128	1071375	39.27	ng	99
32) Benzoic acid	7.96	122	216167	28.20	ng	94
33) 4-Chloroaniline	8.26	127	262597	23.05	ng	97
34) Hexachlorobutadiene	8.33	225	158825	38.48	ng	99
35) Caprolactam	8.63	113	66500	25.88	ng	99
36) 4-Chloro-3-methylphenol	8.75	107	352495	39.14	ng	95
37) 2-Methylnaphthalene	8.91	142	747842	42.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	288026	35.60	ng	100
40) Hexachlorocyclopentadiene	9.06	237	309735	83.77	ng	96

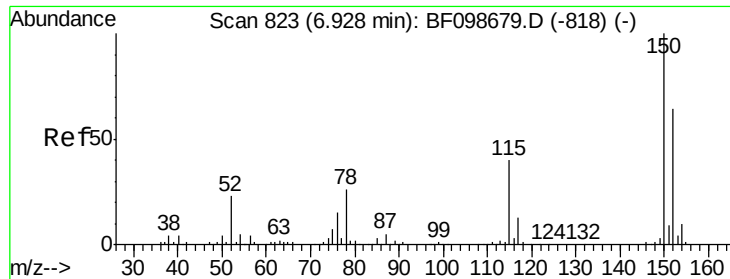
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	226528	39.52	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	232288	40.60	ng	95
45) 1,1'-Biphenyl	9.37	154	866091	37.15	ng	99
46) 2-Chloronaphthalene	9.40	162	684320	39.09	ng	98
47) 2-Nitroaniline	9.49	65	224370	41.86	ng	99
48) Acenaphthylene	9.82	152	1068753	39.88	ng	100
49) Dimethylphthalate	9.67	163	823466	40.22	ng	99
50) 2,6-Dinitrotoluene	9.73	165	188203	42.22	ng	98
51) Acenaphthene	9.99	154	676701	39.86	ng	100
52) 3-Nitroaniline	9.90	138	147001	28.28	ng	96
53) 2,4-Dinitrophenol	10.01	184	89760	41.69	ng	97
54) Dibenzofuran	10.16	168	963912	42.65	ng	99
55) 4-Nitrophenol	10.06	139	372098	84.67	ng	95
56) 2,4-Dinitrotoluene	10.14	165	261044	45.12	ng	93
57) Fluorene	10.50	166	737160	40.58	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	180465	45.66	ng	99
59) Diethylphthalate	10.37	149	816428	40.81	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	330530	40.50	ng	96
61) 4-Nitroaniline	10.52	138	216949	43.27	ng	92
62) Azobenzene	10.65	77	775655	42.16	ng	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	90046	29.20	ng	89
65) n-Nitrosodiphenylamine	10.61	169	682863	38.89	ng	98
66) 4-Bromophenyl-phenylether	10.98	248	195889	39.49	ng	99
67) Hexachlorobenzene	11.05	284	200616	37.87	ng	95
68) Atrazine	11.14	200	221292	41.89	ng	98
69) Pentachlorophenol	11.25	266	231012	70.06	ng	99
70) Phenanthrene	11.47	178	1102651	40.65	ng	99
71) Anthracene	11.52	178	1147392	41.34	ng	99
72) Carbazole	11.67	167	1128832	41.53	ng	99
73) Di-n-butylphthalate	11.99	149	1320625	40.37	ng	100
74) Fluoranthene	12.66	202	1214139	44.20	ng	99
76) Benzidine	12.77	184	506775	30.83	ng	97
77) Pyrene	12.89	202	1274132	37.59	ng	99
79) Butylbenzylphthalate	13.50	149	623829	39.16	ng	92
80) Benzo(a)anthracene	14.07	228	1098218	40.81	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	272015	27.57	ng	99
82) Chrysene	14.11	228	1034326	40.37	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	833568	38.01	ng	99
84) Di-n-octyl phthalate	14.66	149	1407675	39.86	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	969444	47.30	ng	96
87) Benzo(b)fluoranthene	15.17	252	925912	36.34	ng	97
88) Benzo(k)fluoranthene	15.17	252	925912	36.79	ng	99
89) Benzo(a)pyrene	15.52	252	950798	40.65	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	797662	42.62	ng	98
91) Benzo(g,h,i)perylene	17.55	276	809292	43.74	ng	96

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

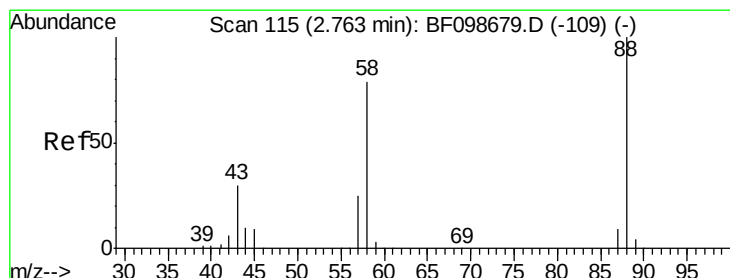
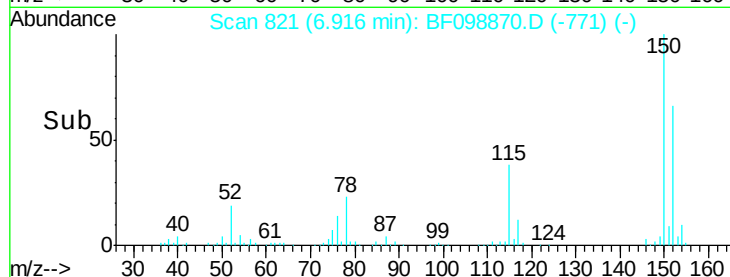
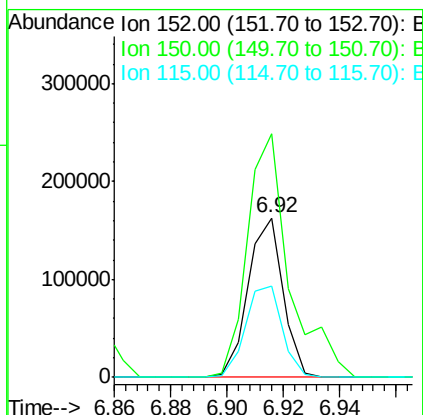
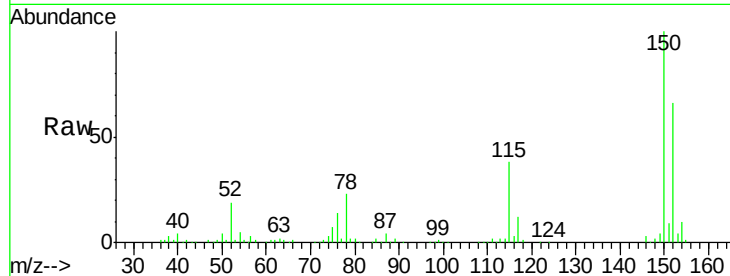


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :

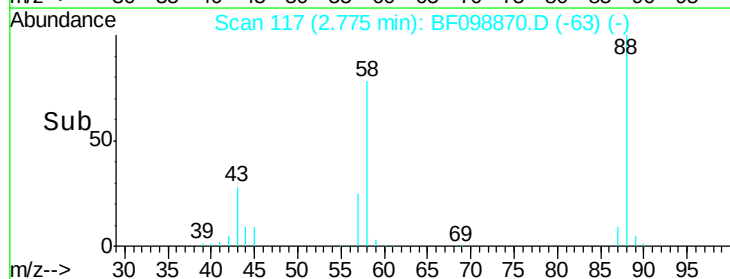
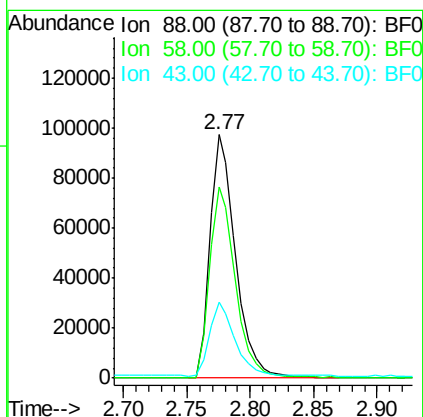
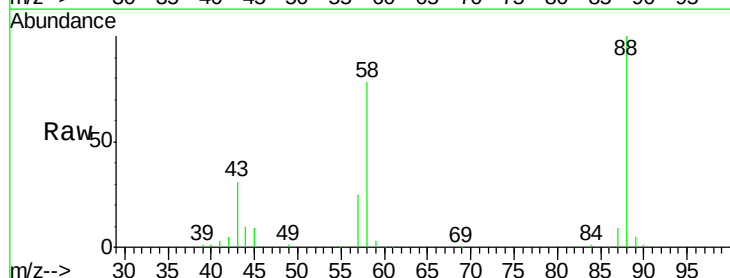
Tot Ion:152 Resp: 139857
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 57.6 50.1 75.1

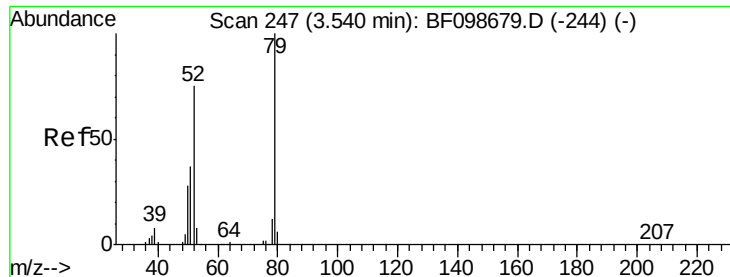


#2

1,4-Dioxane
Concen: 32.68 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion: 88 Resp: 137169
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 30.4 24.6 37.0





#3

Pvridine

Concen: 34.57 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.02 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

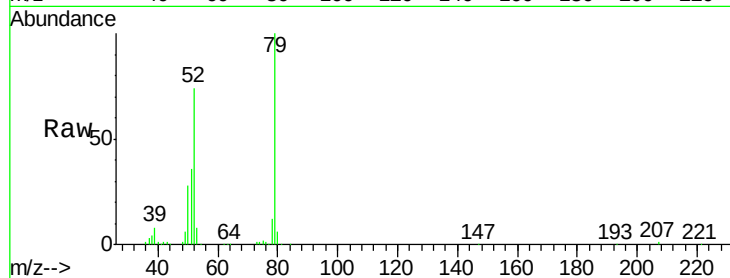
Tot Ion: 79 Resp: 392477

Ion Ratio Lower Upper

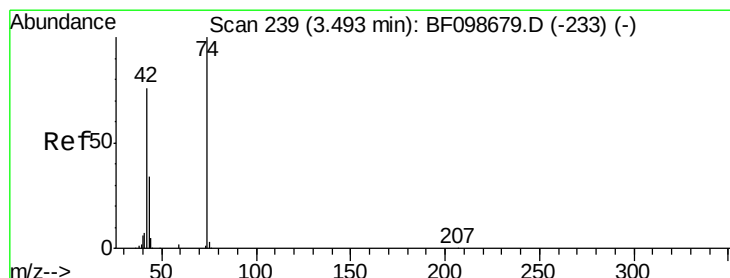
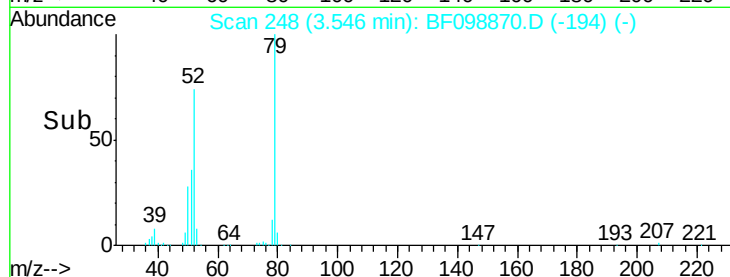
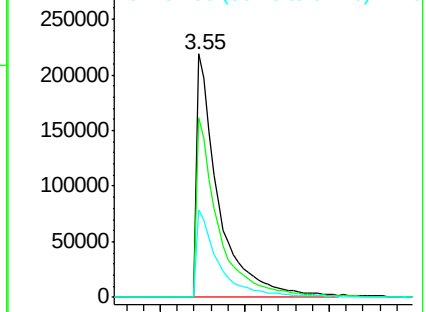
79 100

52 73.6 59.8 89.6

51 35.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.89 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.02 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

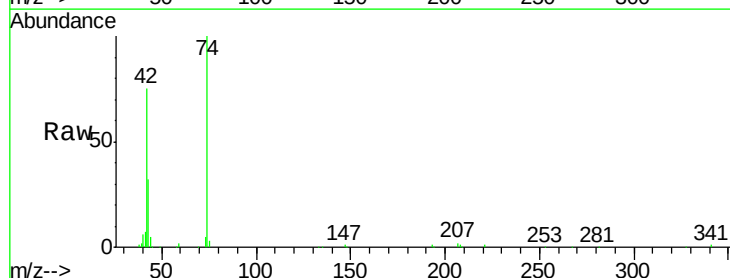
Tgt Ion: 42 Resp: 192024

Ion Ratio Lower Upper

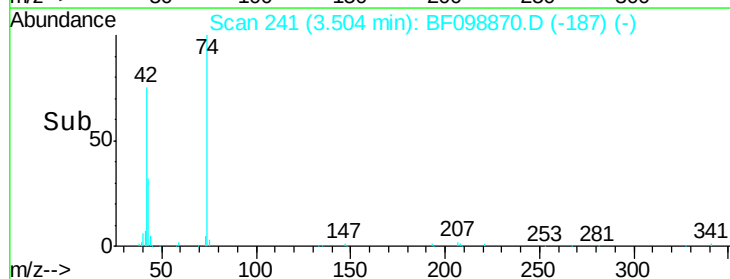
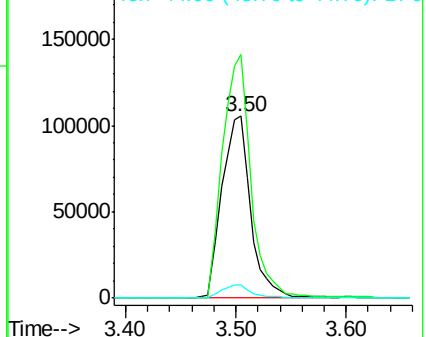
42 100

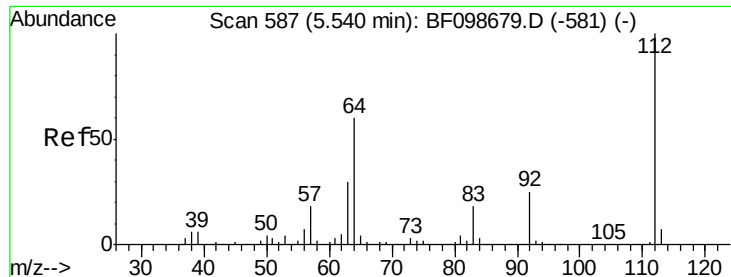
74 134.0 104.9 157.3

44 7.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.24 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

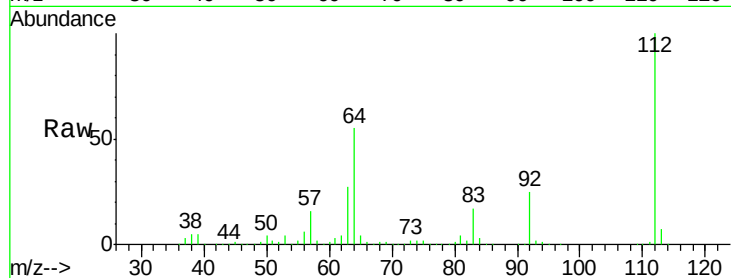
Tot Ion:112 Resp: 740120

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

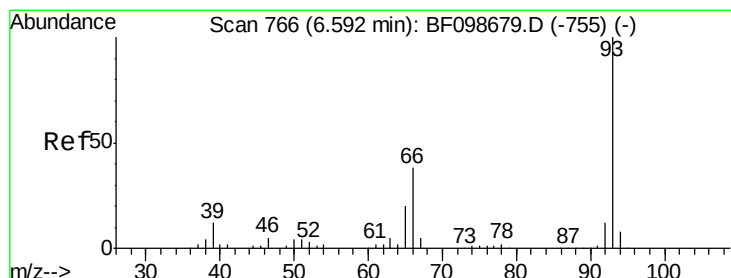
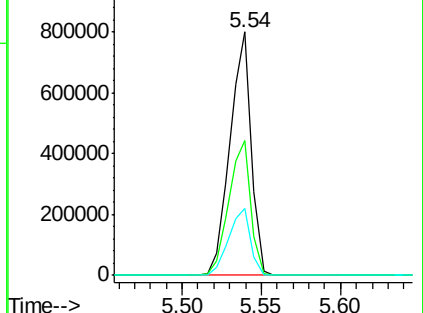
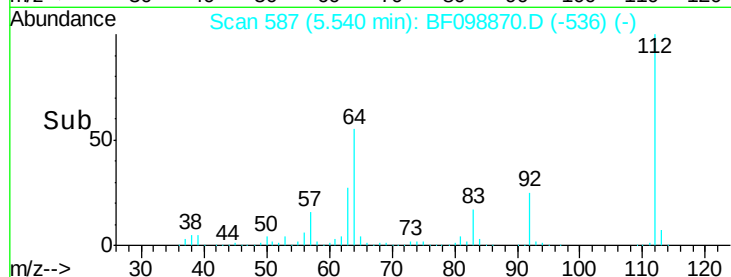
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.31 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

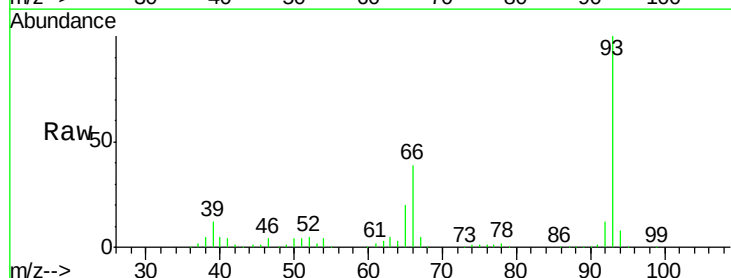
Tgt Ion: 93 Resp: 384866

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

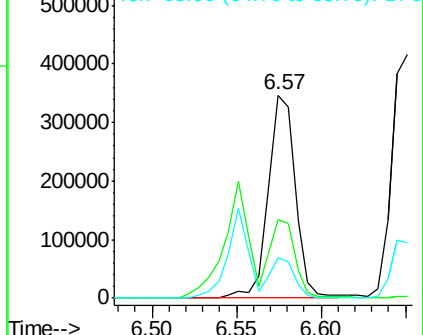
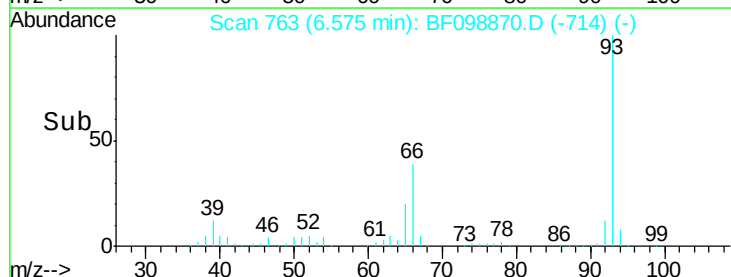
65 19.8 16.4 24.6

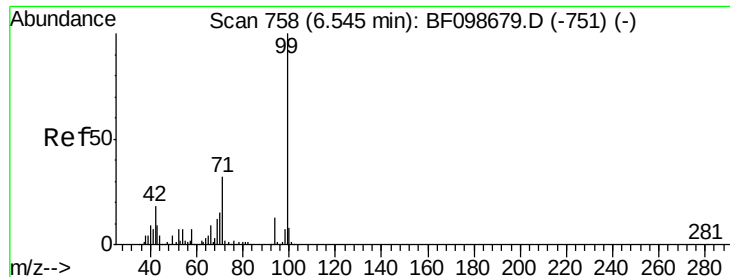


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.37 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

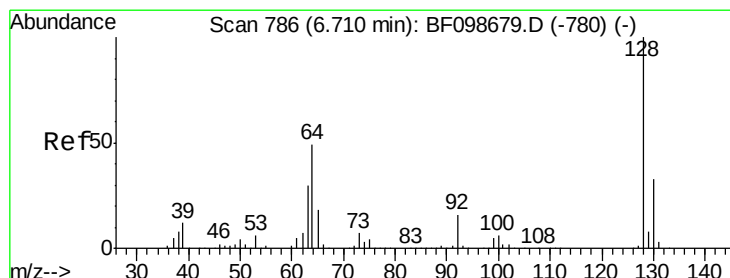
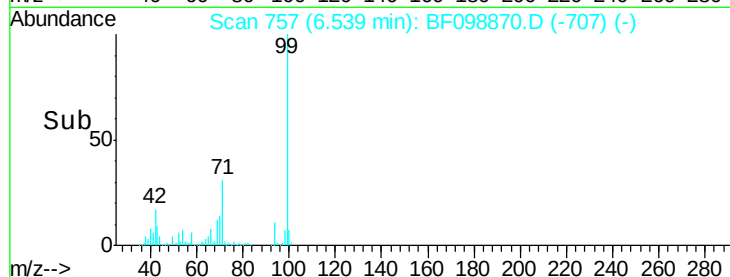
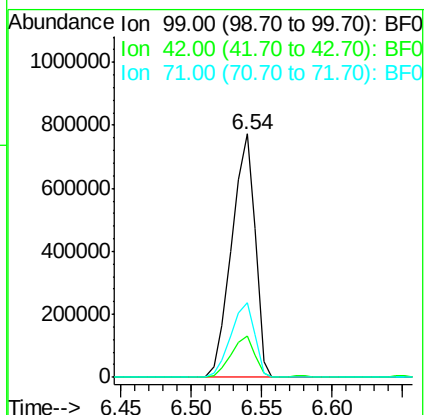
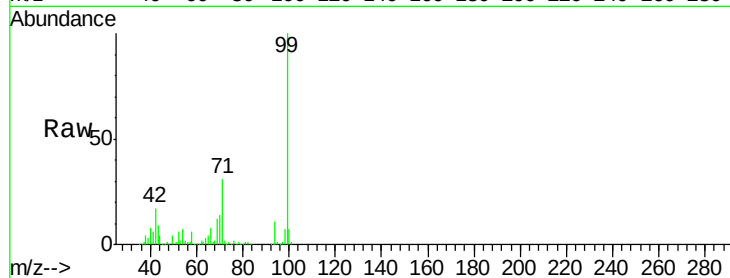
Tot Ion: 99 Resp: 892728

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 30.8 25.4 38.0



#8

2-Chlorophenol

Concen: 38.58 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

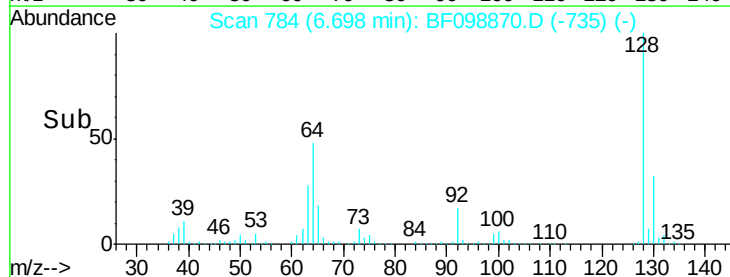
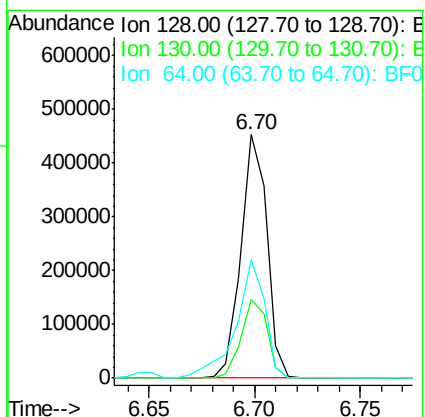
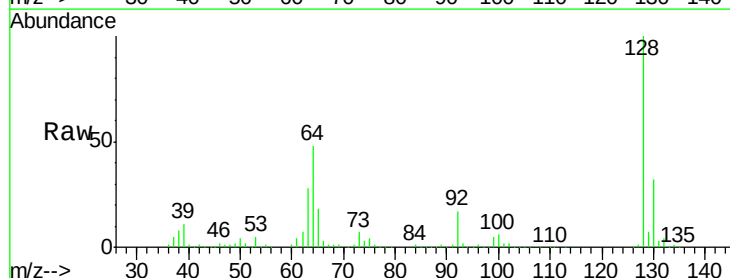
Tgt Ion: 128 Resp: 383839

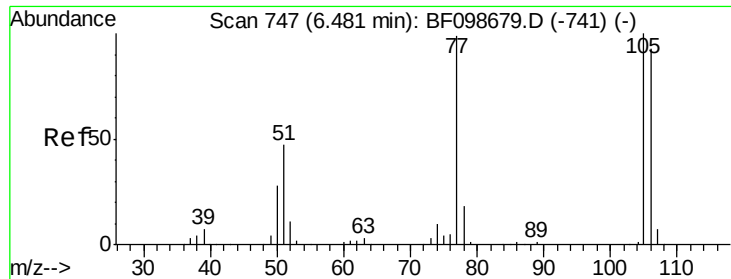
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 48.4 29.4 69.4





#9

Benzaldehyde

Concen: 13.65 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

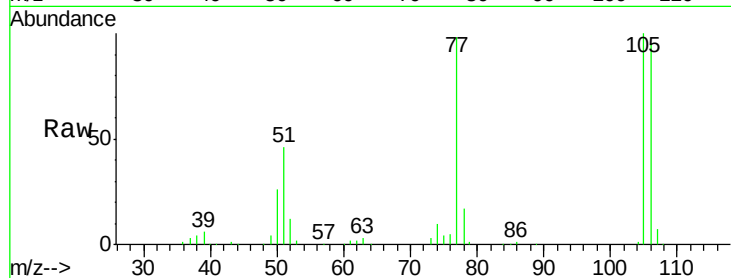
Tot Ion: 77 Resp: 85787

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

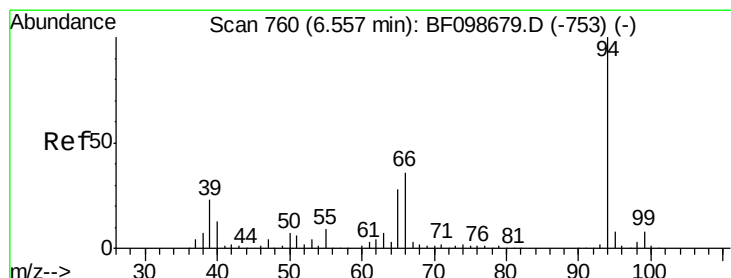
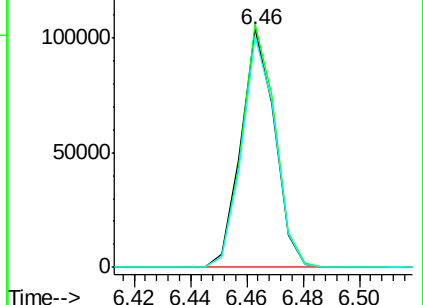
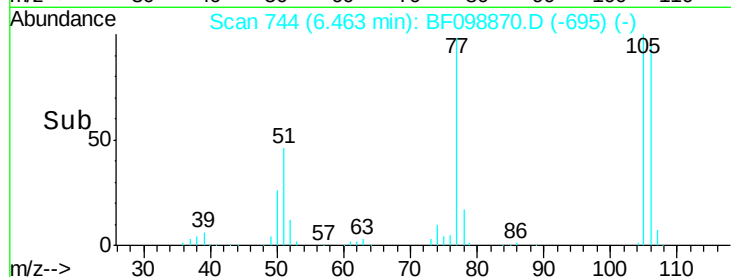
106 96.5 74.5 114.5



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: 38.60 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

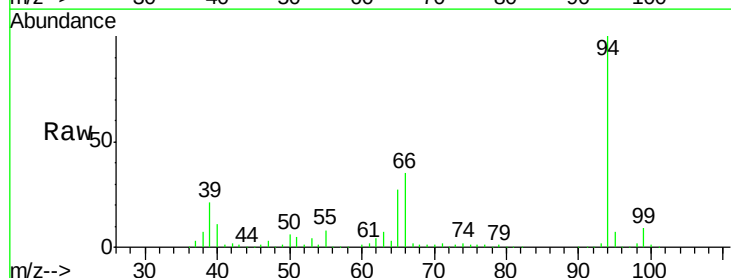
Tgt Ion: 94 Resp: 467821

Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

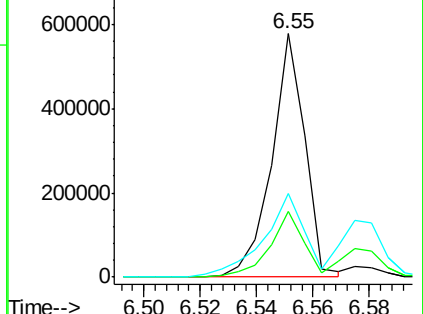
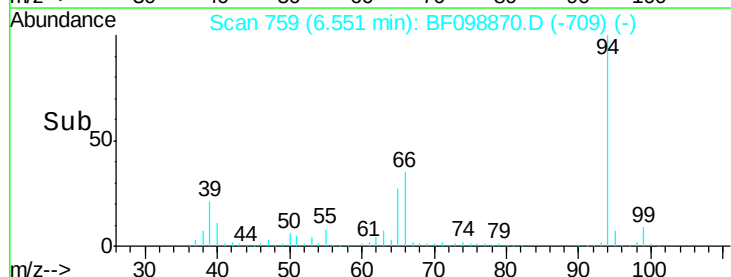
66 34.6 16.2 56.2

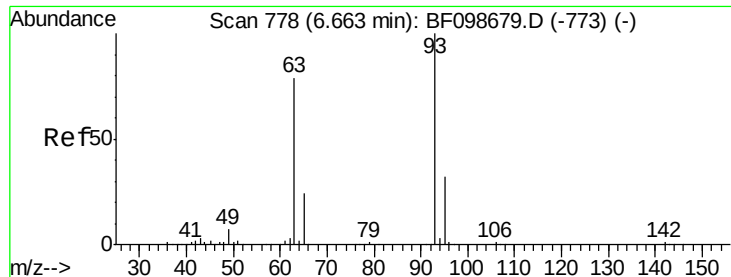


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.18 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

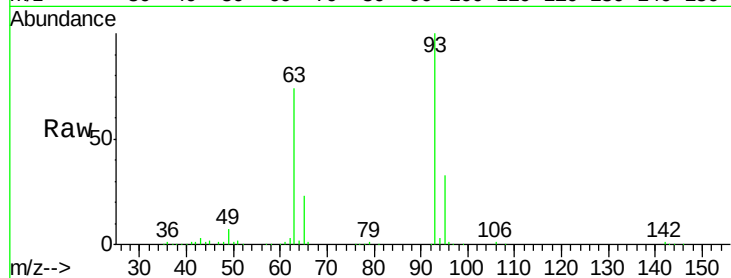
Tot Ion: 93 Resp: 359792

Ion Ratio Lower Upper

93 100

63 73.7 58.6 98.6

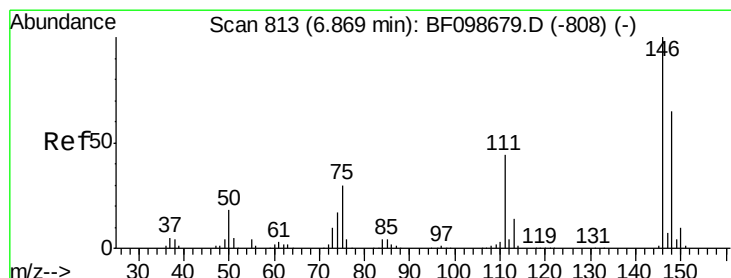
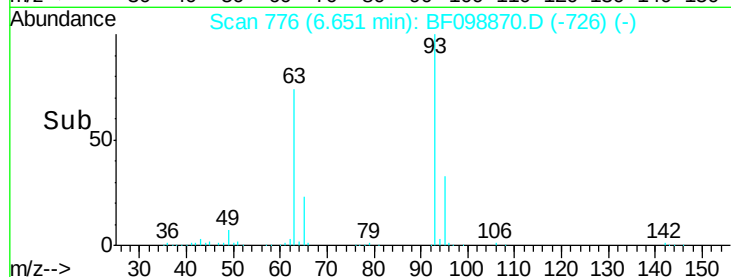
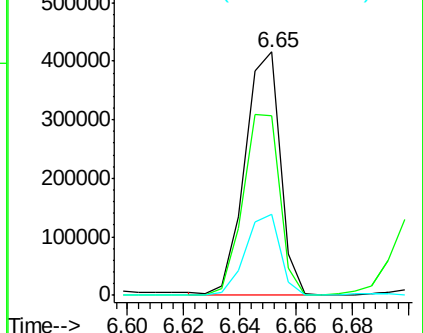
95 33.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.07 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

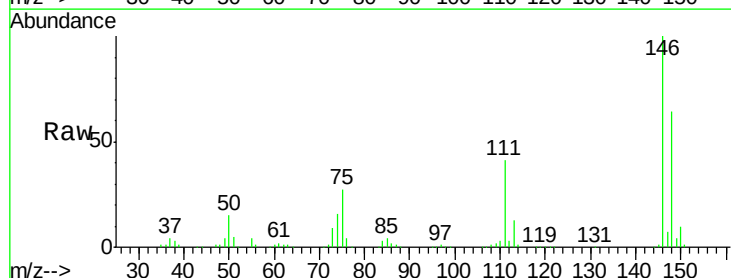
Tgt Ion: 146 Resp: 396720

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

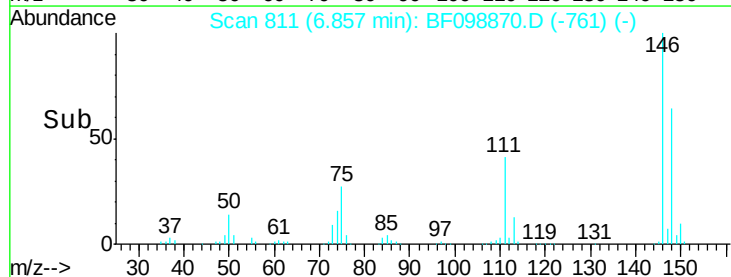
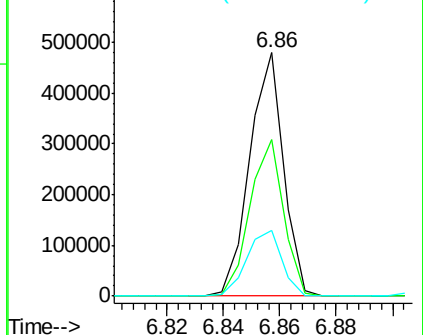
75 27.2 24.2 36.4

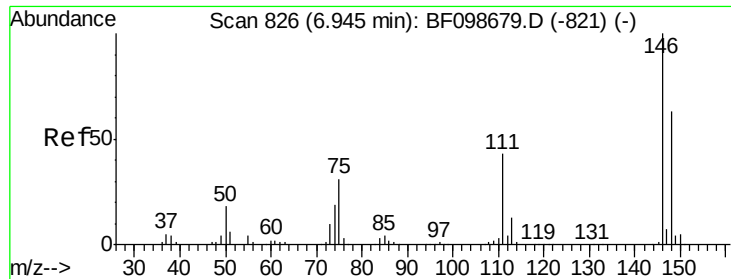


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

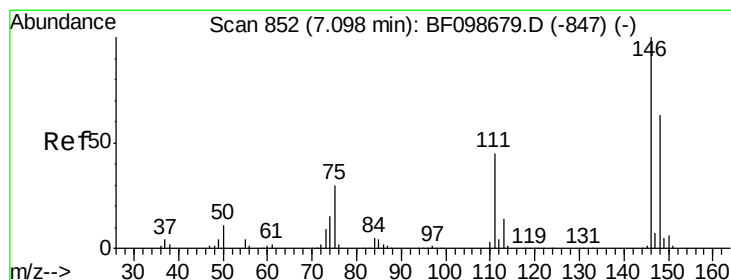
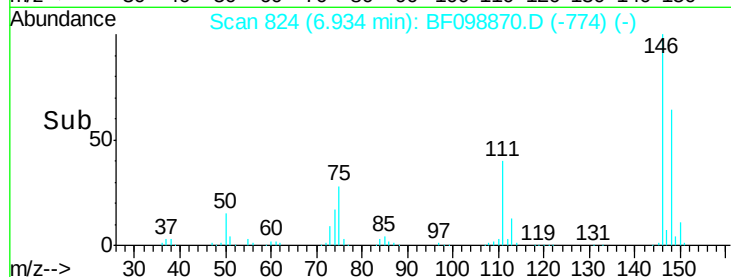
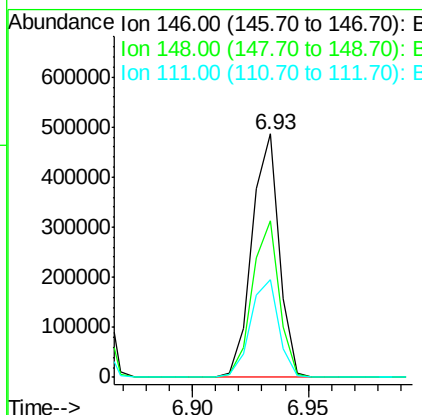
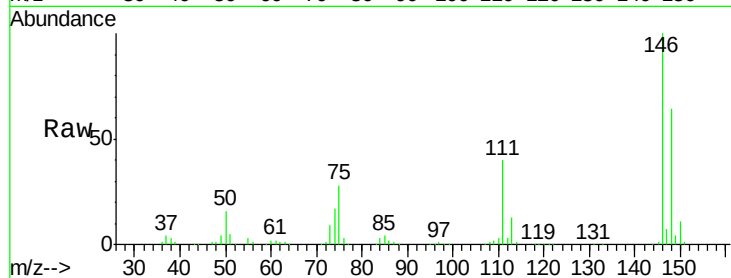




#13
 1,4-Dichlorobenzene
 Concen: 37.81 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

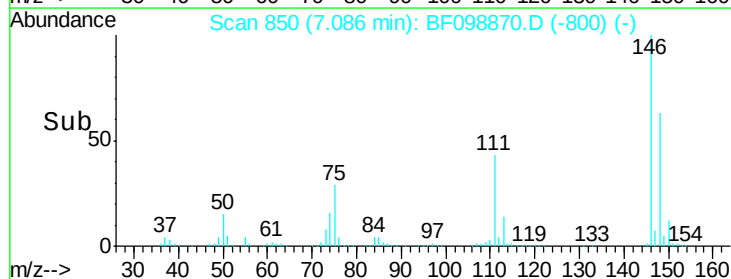
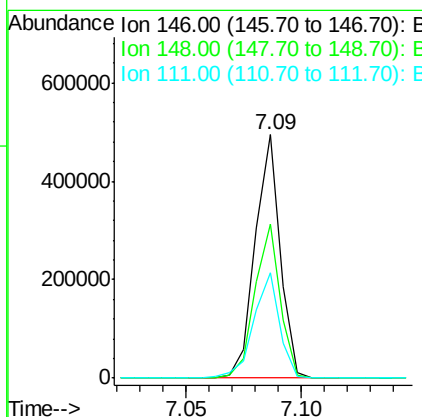
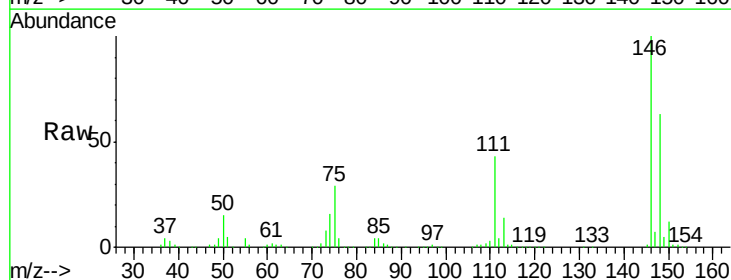
Instrument :
 BNA_F
 ClientSampleId :

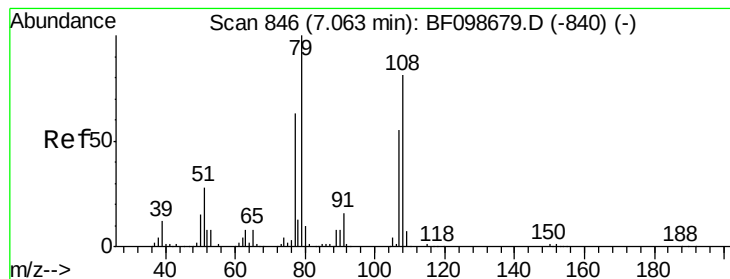
Tot Ion:146 Resp: 400850
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 39.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.26 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion:146 Resp: 374733
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 43.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.77 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

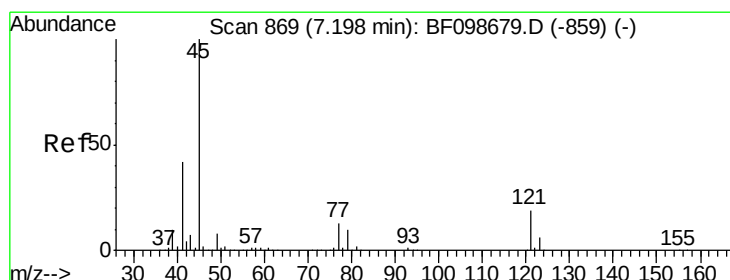
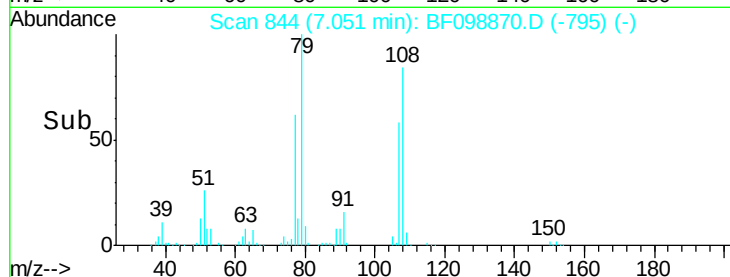
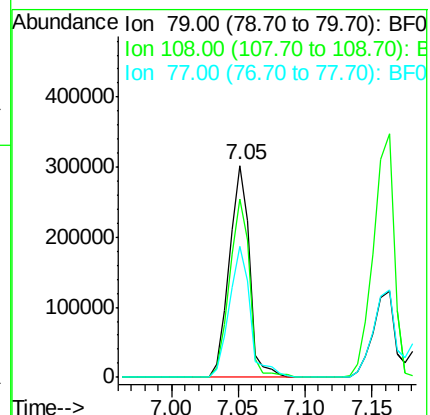
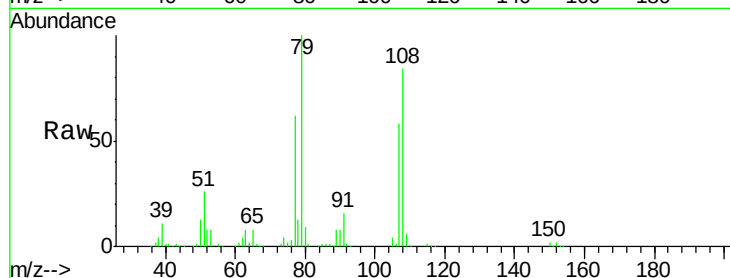
Tot Ion: 79 Resp: 324118

Ion Ratio Lower Upper

79 100

108 83.8 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.66 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

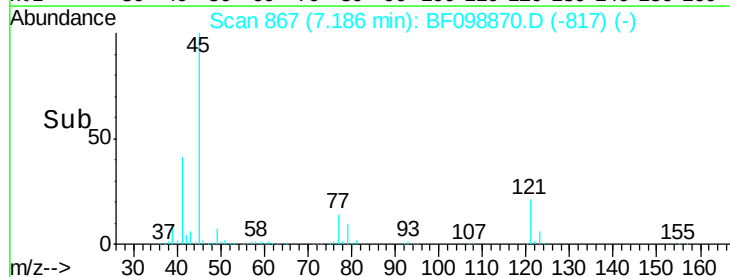
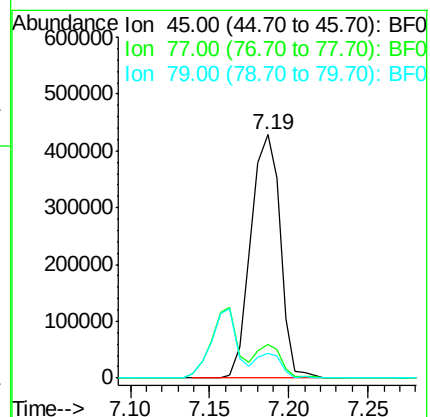
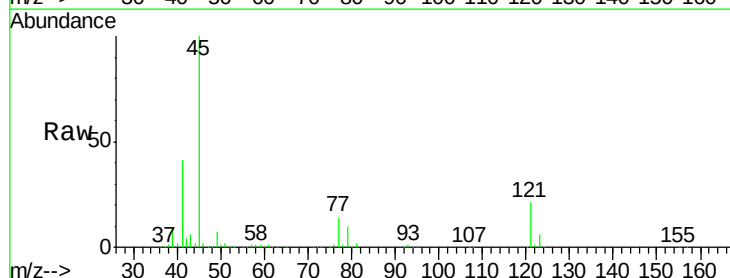
Tgt Ion: 45 Resp: 552919

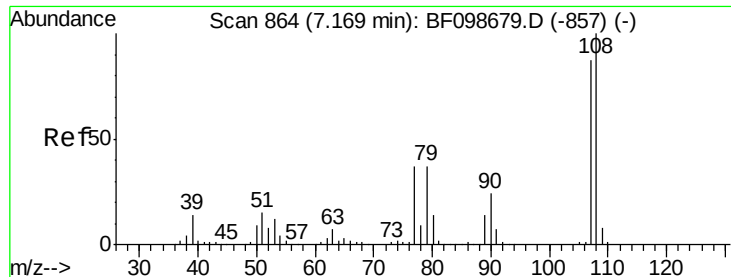
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 10.3 0.0 29.6





#17

2-Methylphenol

Concen: 40.01 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 325677

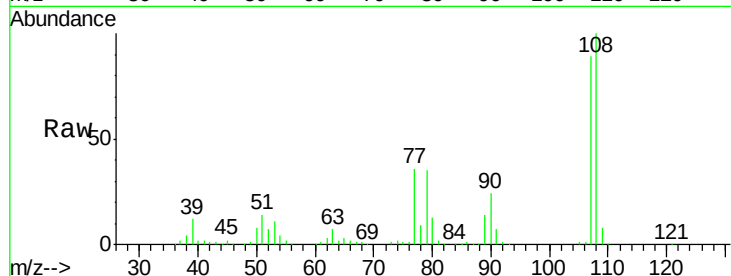
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 40.2 33.8 50.8

79 39.6 33.8 50.8

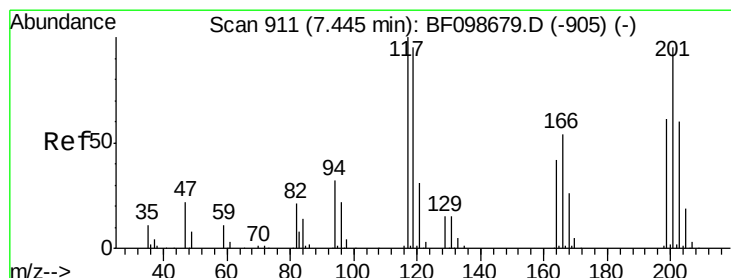
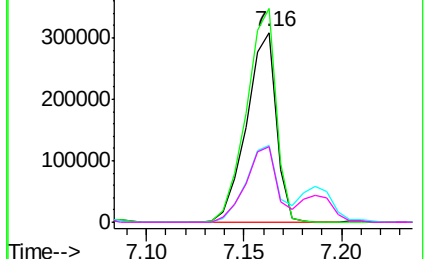
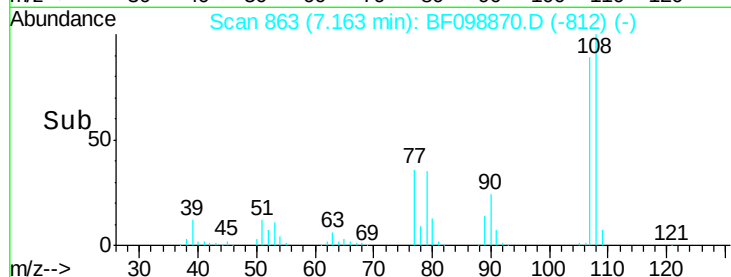


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.27 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

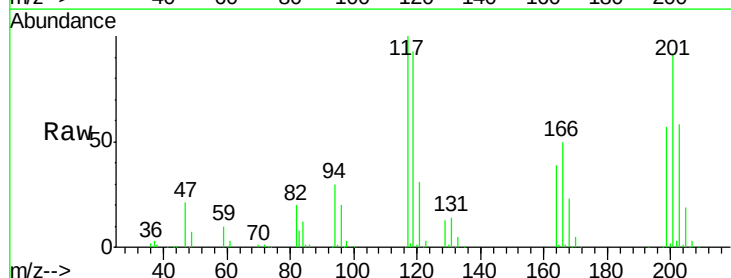
Tgt Ion:117 Resp: 142017

Ion Ratio Lower Upper

117 100

119 92.7 75.8 113.8

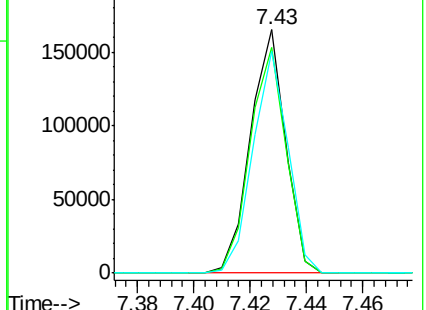
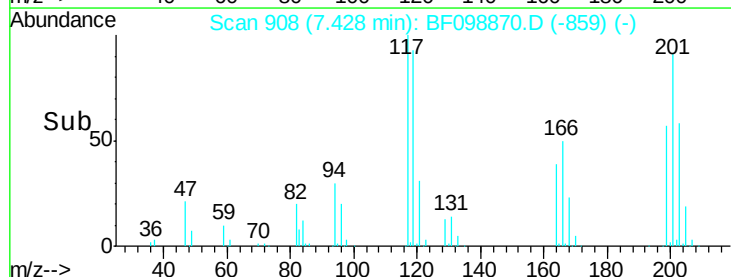
201 90.9 75.7 113.5

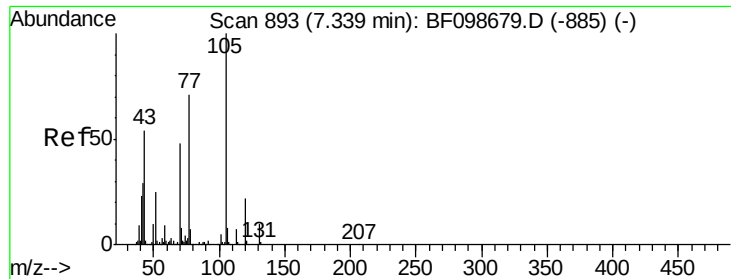


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

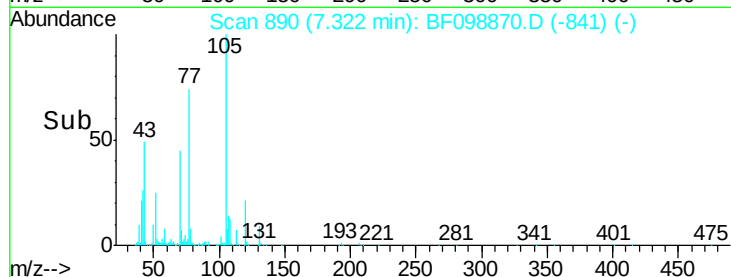
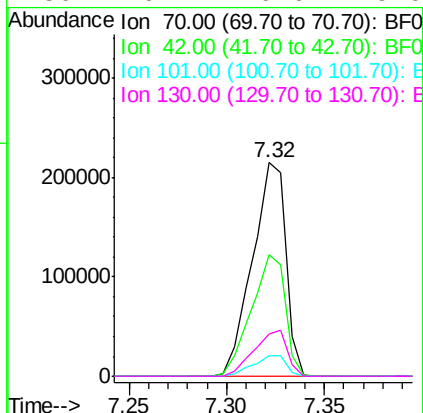
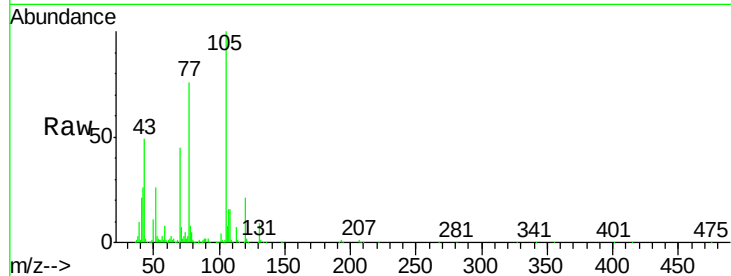




#19
n-Nitroso-di-n-propylamine
Concen: 36.94 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

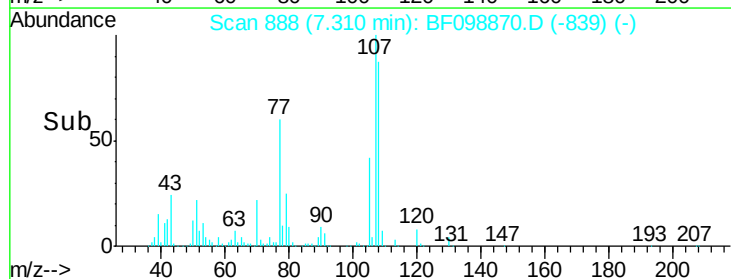
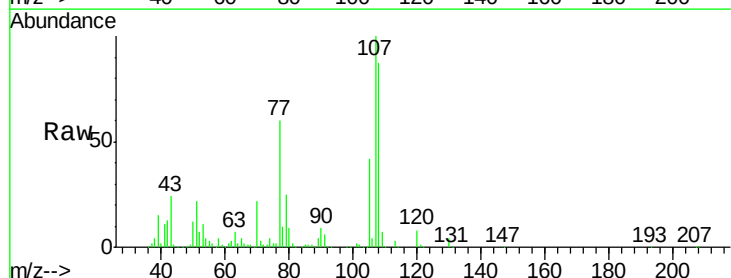
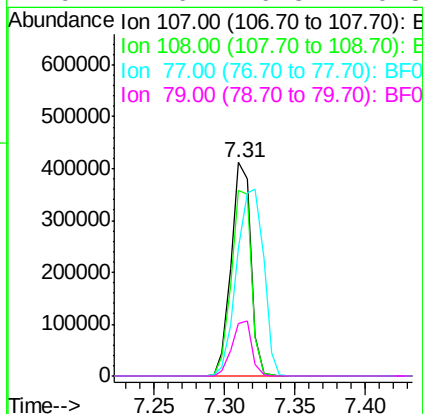
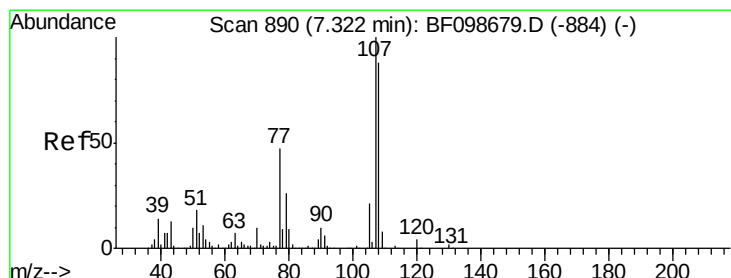
Instrument :
BNA_F
ClientSampleId :

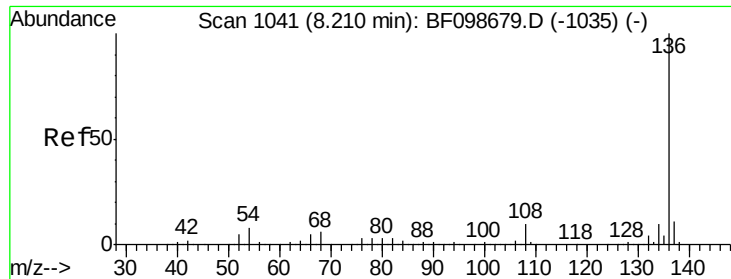
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.5	71.3
101	9.8	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.99 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.2	108.2
77	59.7	26.7	66.7
79	24.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 580888

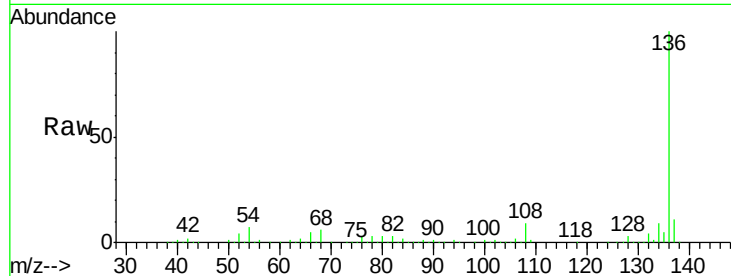
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

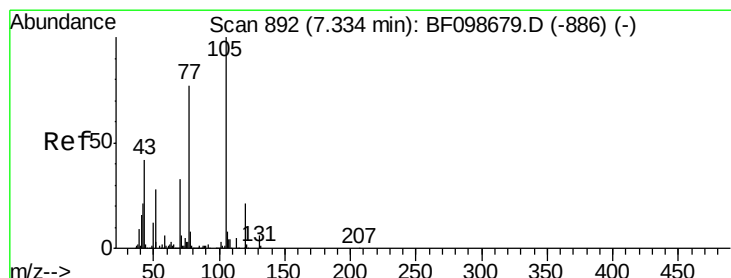
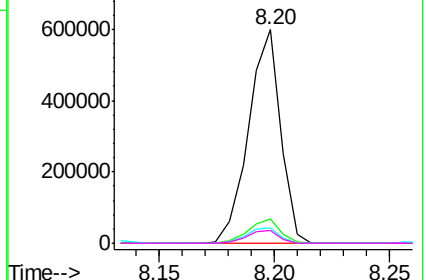
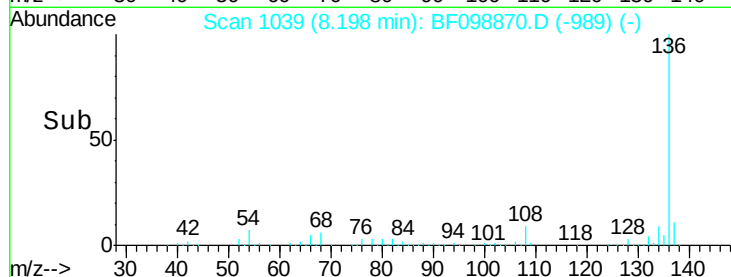


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.43 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:105 Resp: 512681

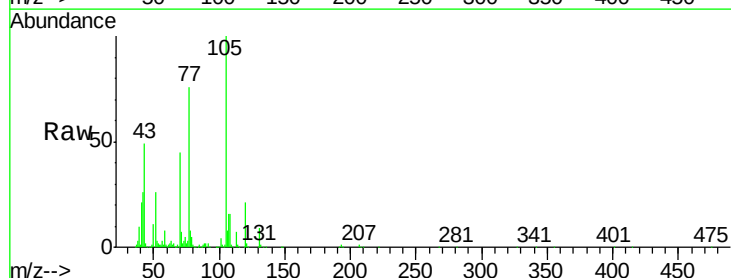
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 26.0 22.3 33.5

120 21.1 16.9 25.3

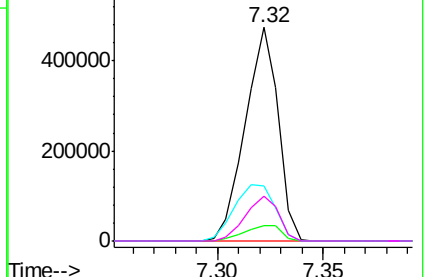
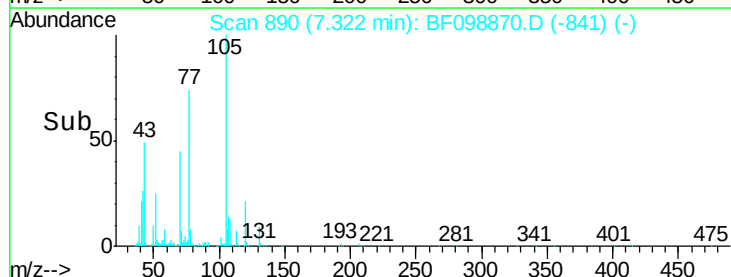


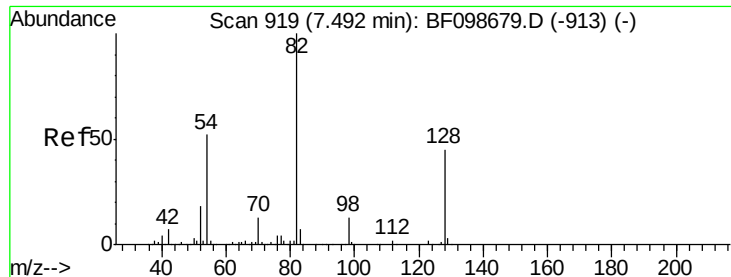
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

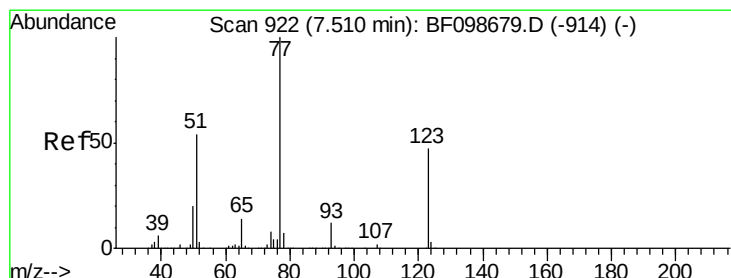
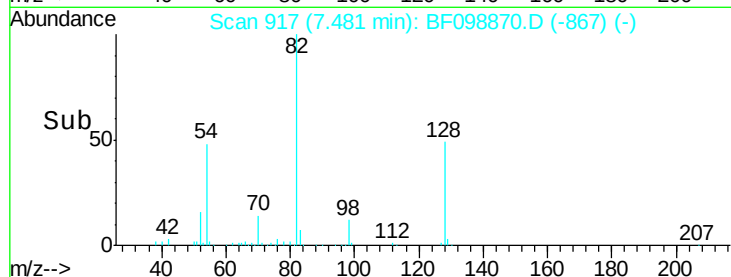
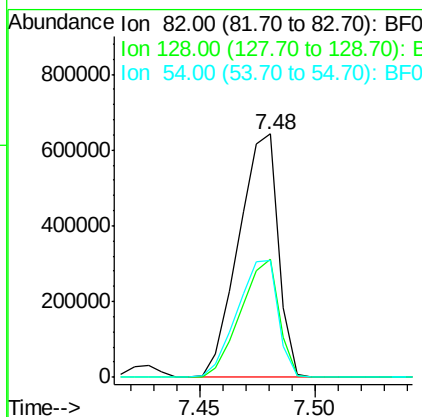
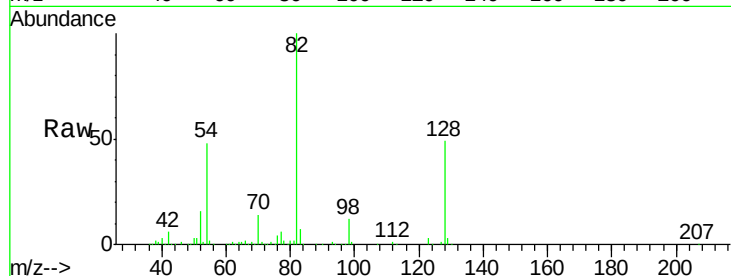




#23
 Nitrobenzene-d5
 Concen: 85.20 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

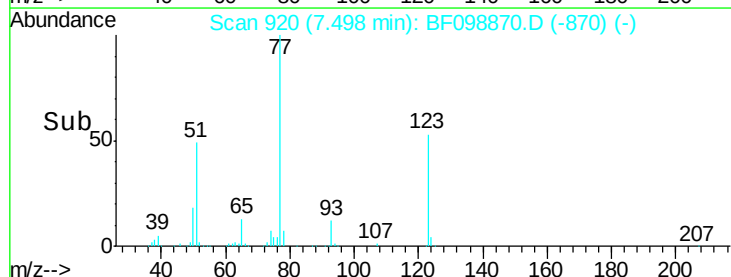
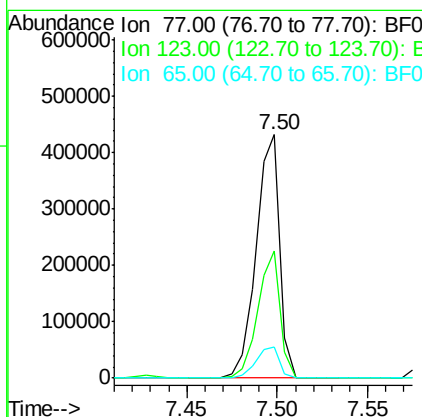
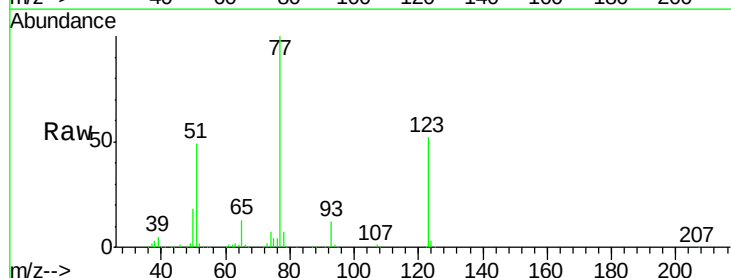
Instrument :
 BNA_F
 ClientSampled :

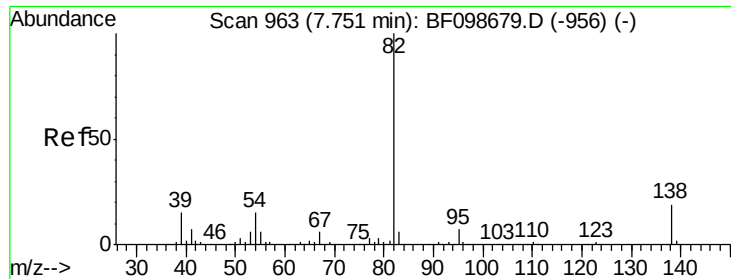
Tot Ion: 82 Resp: 771719
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 48.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 37.81 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion: 77 Resp: 388461
 Ion Ratio Lower Upper
 77 100
 123 52.3 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 37.96 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

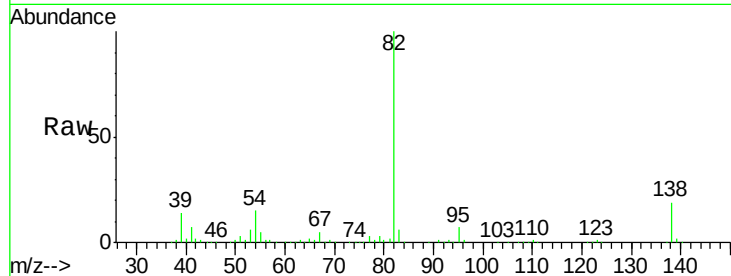
Tot Ion: 82 Resp: 710878

Ion Ratio Lower Upper

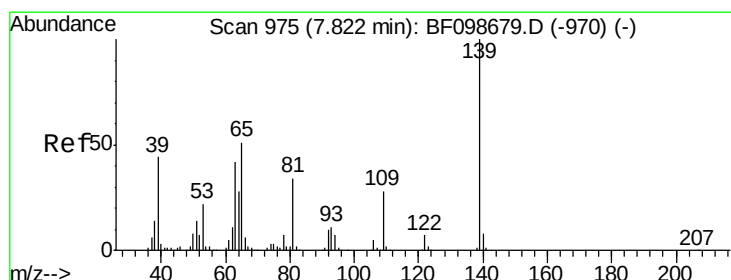
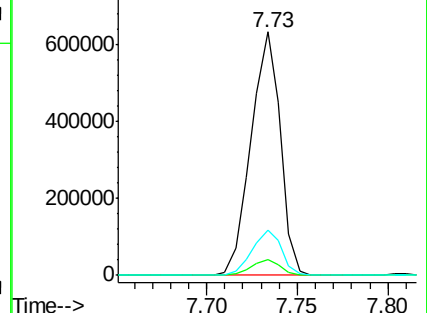
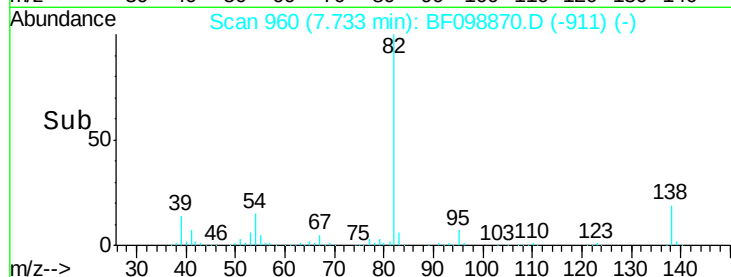
82 100

95 6.5 5.2 7.8

138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.30 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

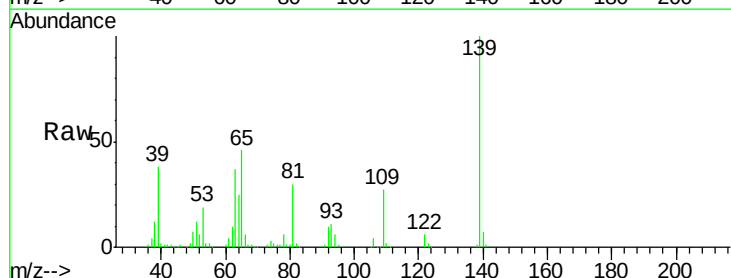
Tgt Ion: 139 Resp: 209031

Ion Ratio Lower Upper

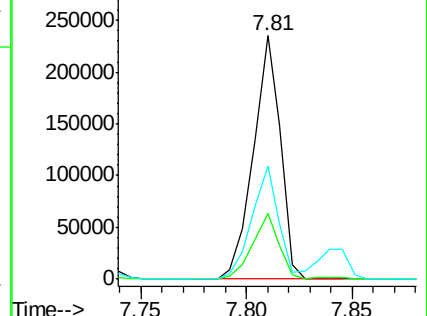
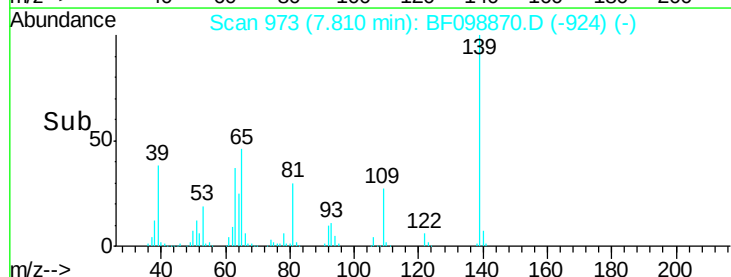
139 100

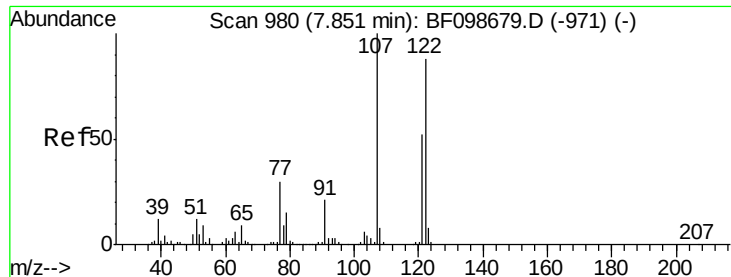
109 26.8 22.7 34.1

65 46.3 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.85 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

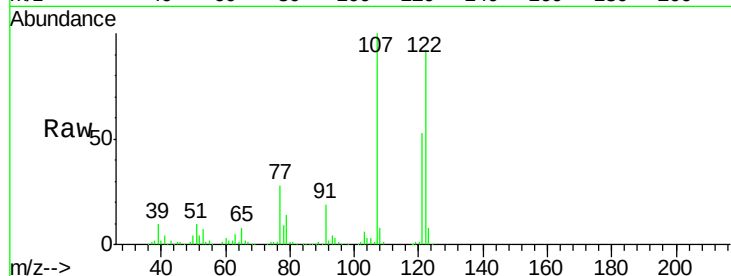
Tot Ion:122 Resp: 362561

Ion Ratio Lower Upper

122 100

107 108.9 91.2 136.8

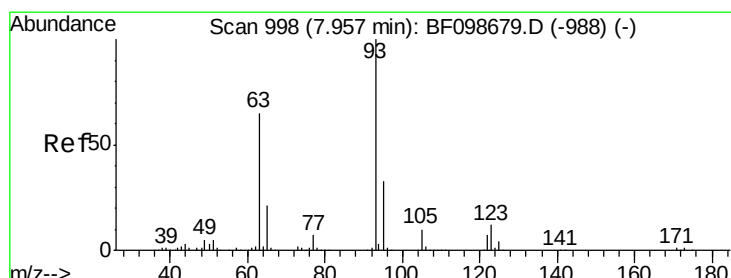
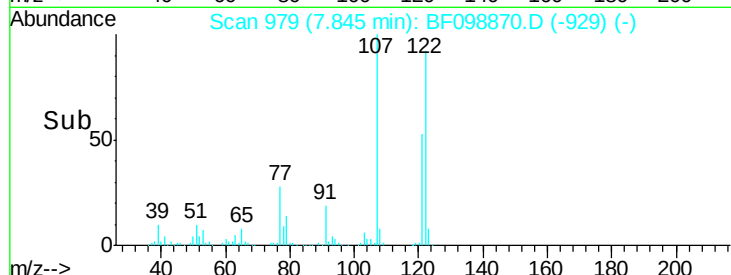
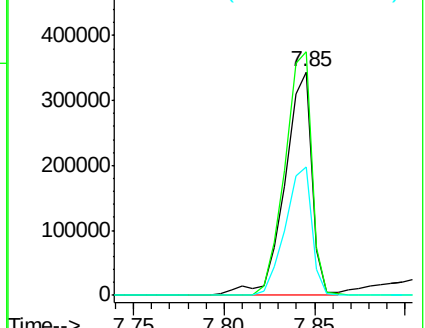
121 57.3 47.2 70.8



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: 39.31 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

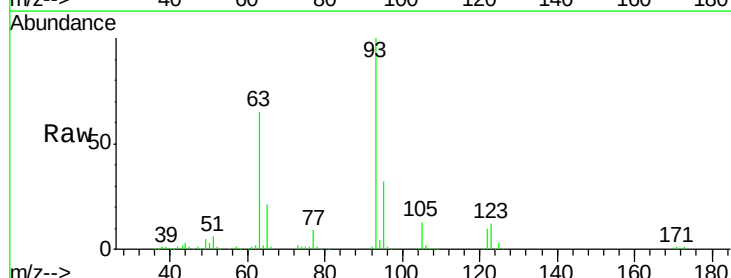
Tgt Ion: 93 Resp: 458718

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

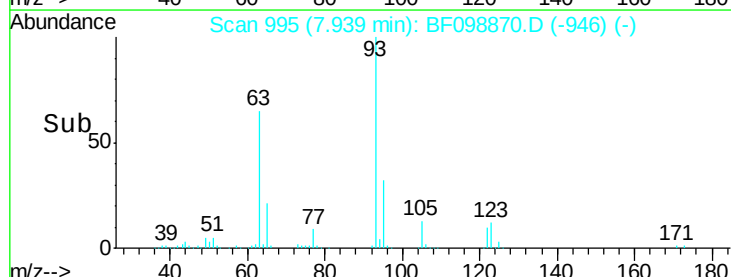
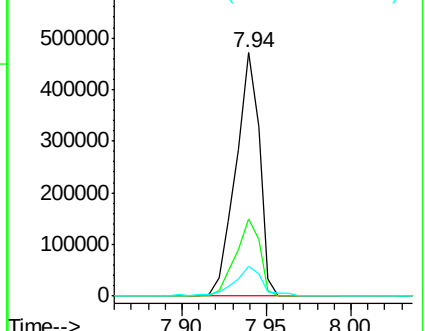
123 12.2 9.8 14.6

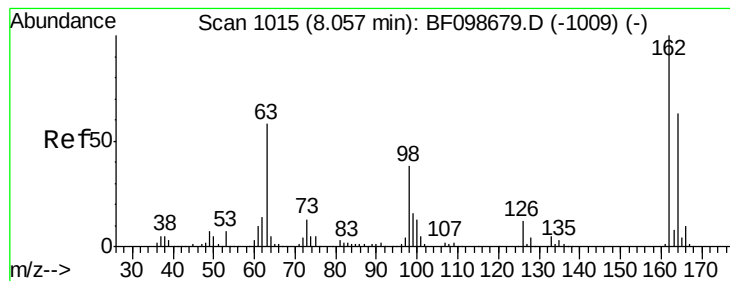


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.11 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

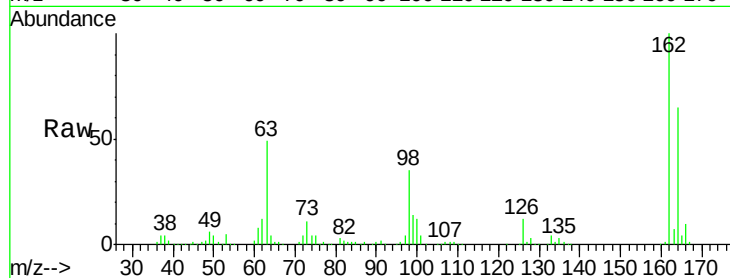
Tot Ion:162 Resp: 321383

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

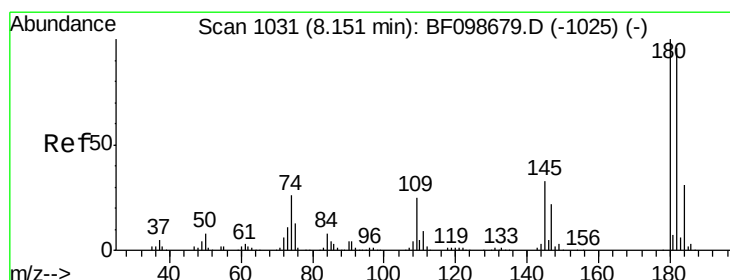
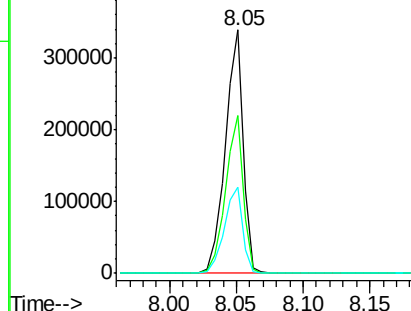
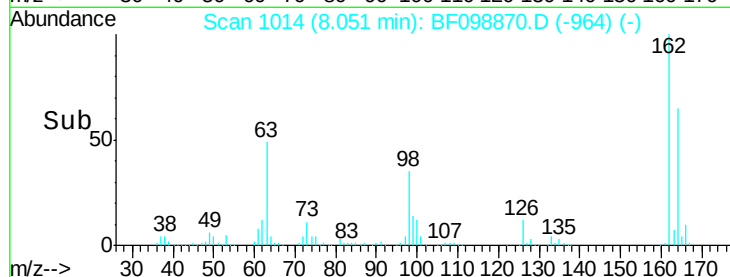
98 35.3 18.1 58.1



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: 39.37 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

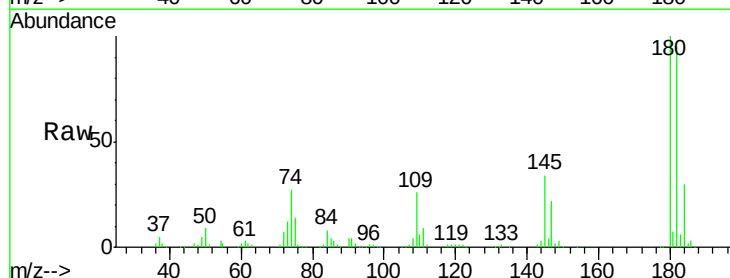
Tgt Ion:180 Resp: 315505

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

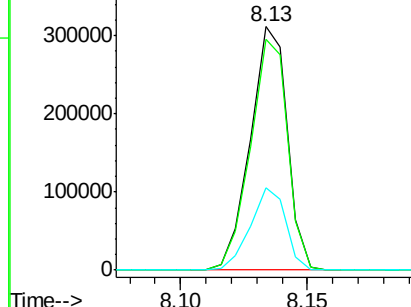
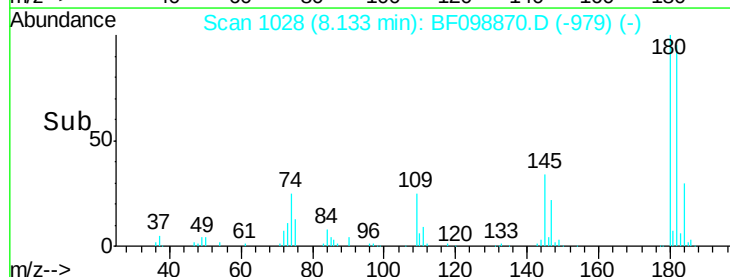
145 33.8 26.5 39.7

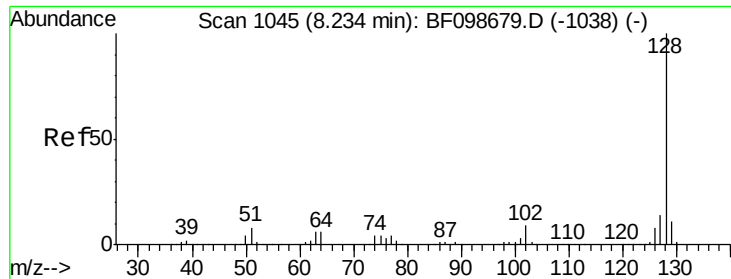


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

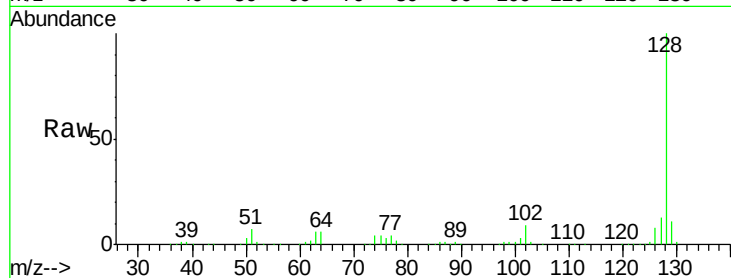




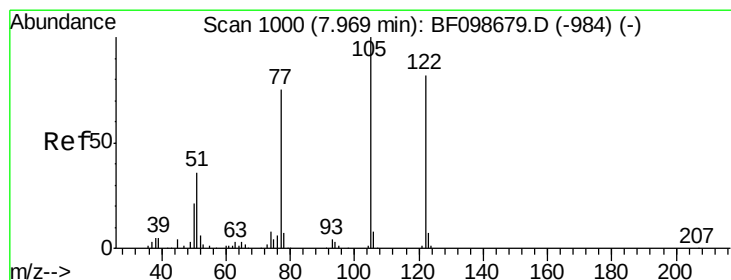
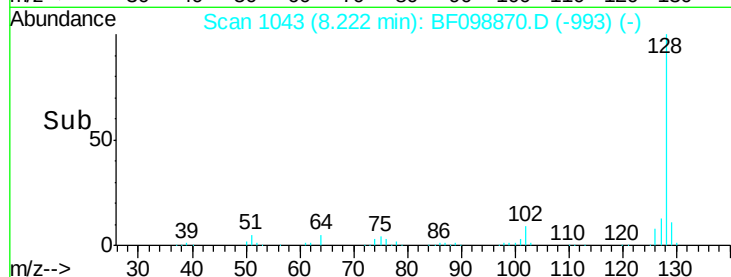
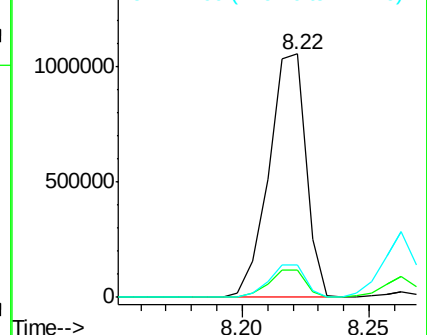
#31
Naphthalene
Concen: 39.27 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1071375
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3

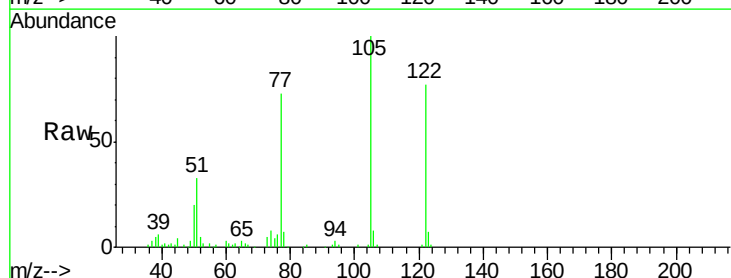


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

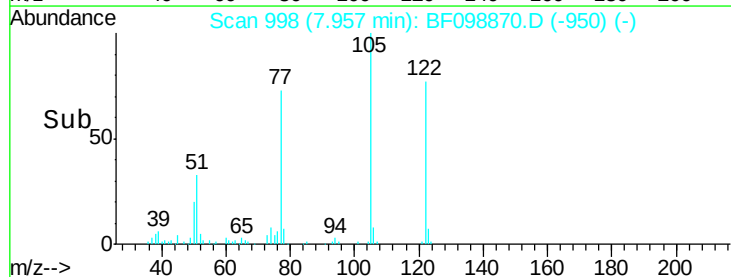
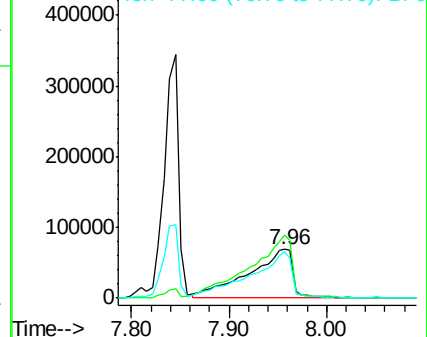


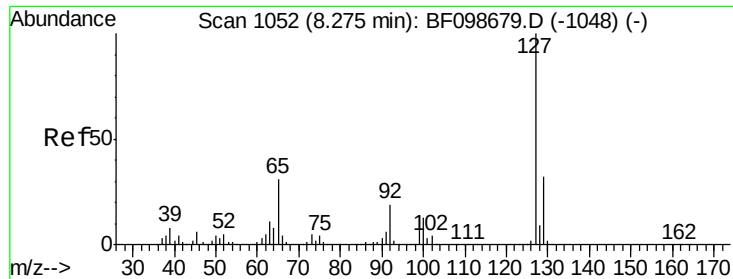
#32
Benzoic acid
Concen: 28.20 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:122 Resp: 216167
Ion Ratio Lower Upper
122 100
105 129.3 101.1 141.1
77 94.8 70.7 110.7



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

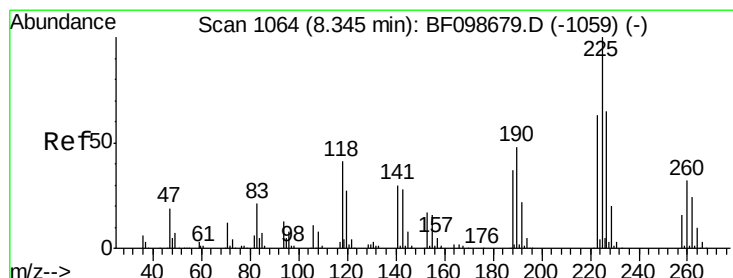
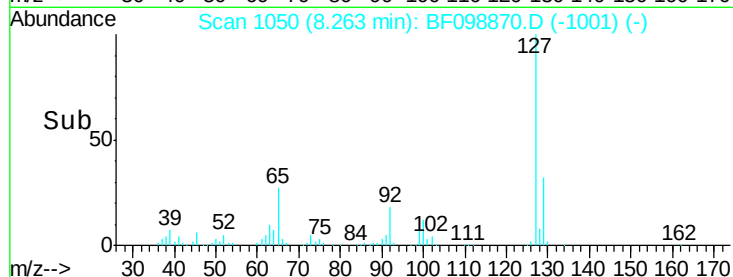
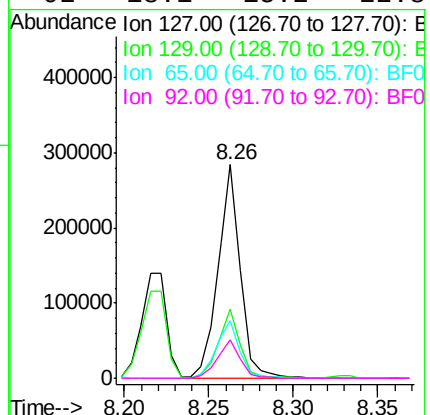
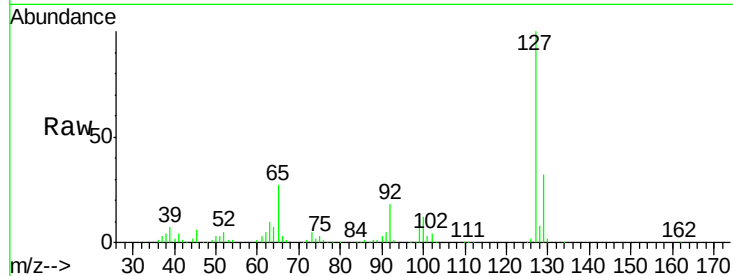




#33
4-Chloroaniline
Concen: 23.05 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

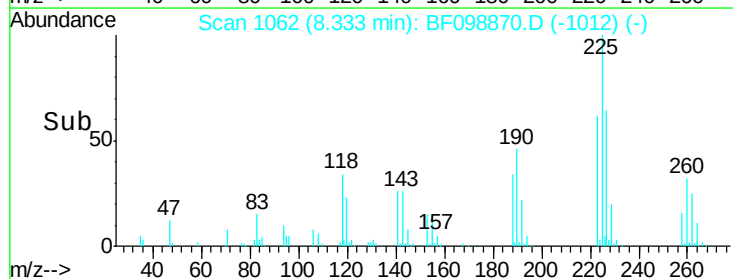
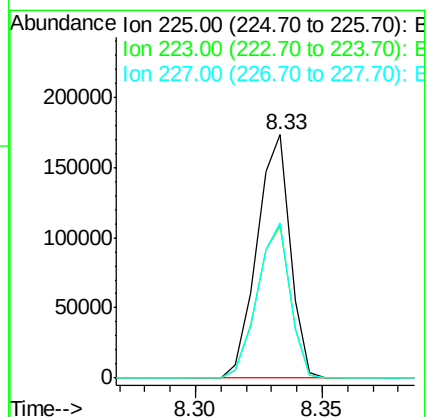
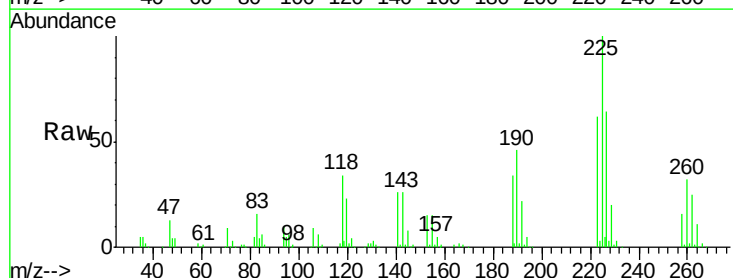
Instrument :
BNA_F
ClientSampled :

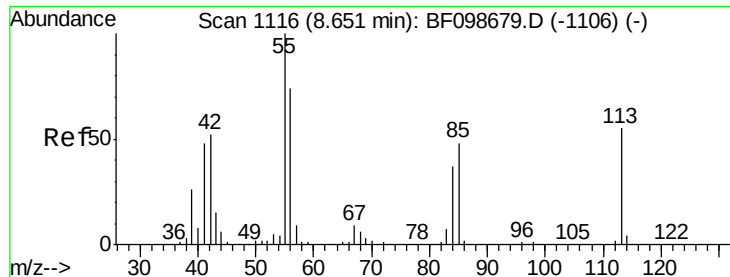
Tot Ion:	127	Resp:	262597
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.3	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.48 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:	225	Resp:	158825
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.9	51.9	77.9

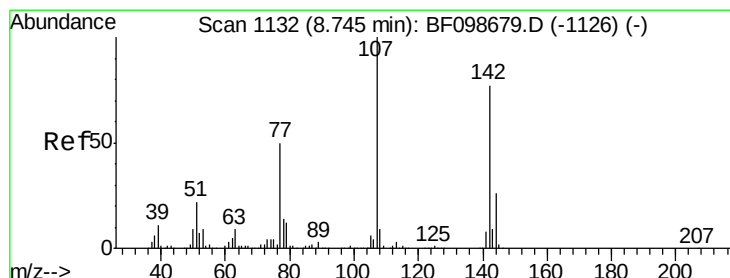
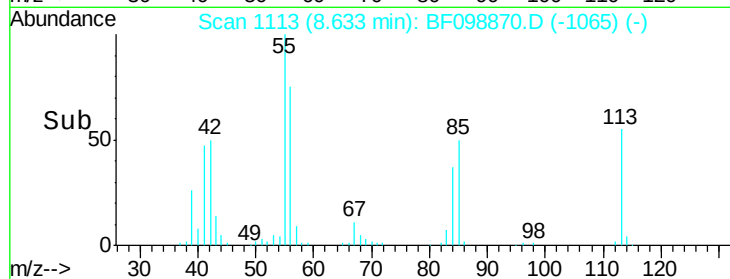
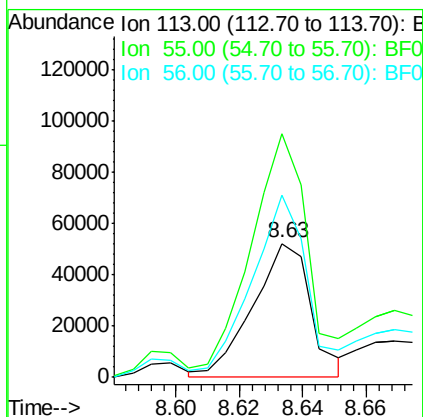
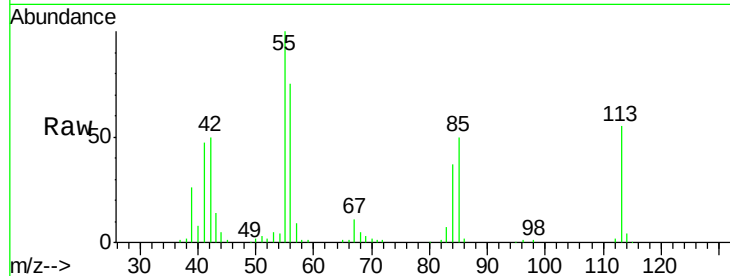




#35
 Caprolactam
 Concen: 25.88 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

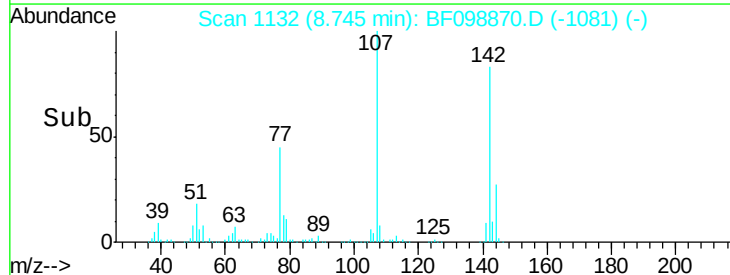
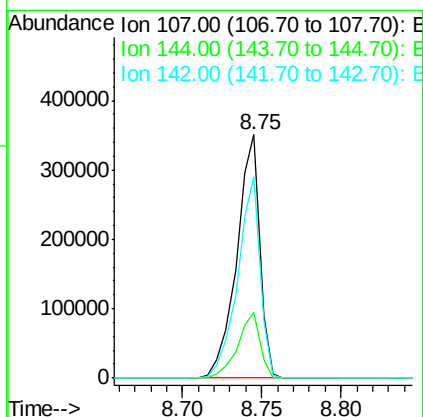
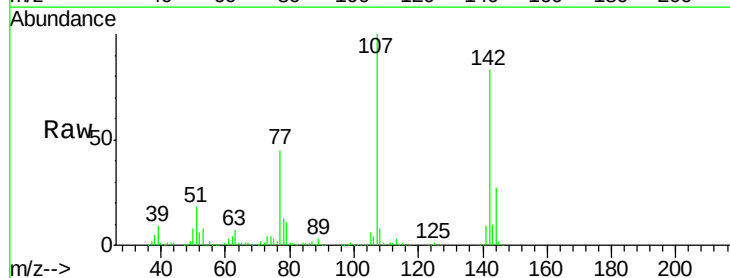
Instrument :
 BNA_F
 ClientSampleId :

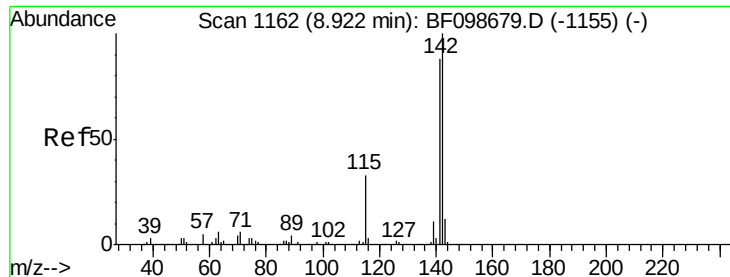
Tot Ion:113 Resp: 66500
 Ion Ratio Lower Upper
 113 100
 55 181.6 163.3 203.3
 56 135.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.14 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion:107 Resp: 352495
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 82.6 62.0 93.0

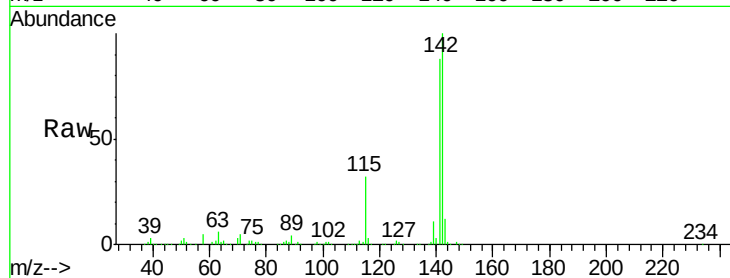




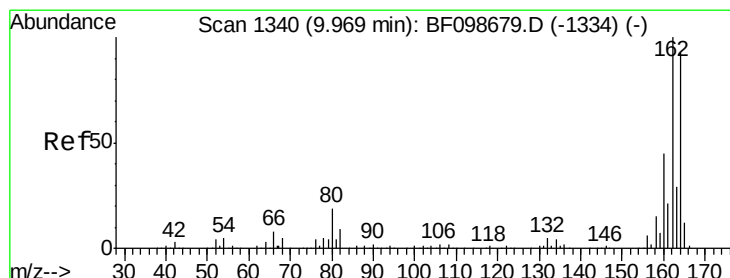
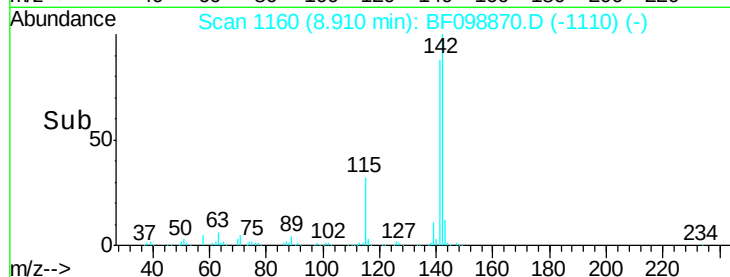
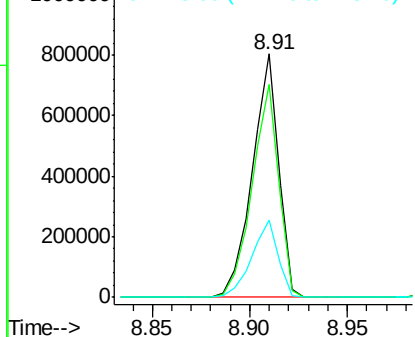
#37
2-Methylnaphthalene
Concen: 42.17 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 747842
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 31.7 26.1 39.1

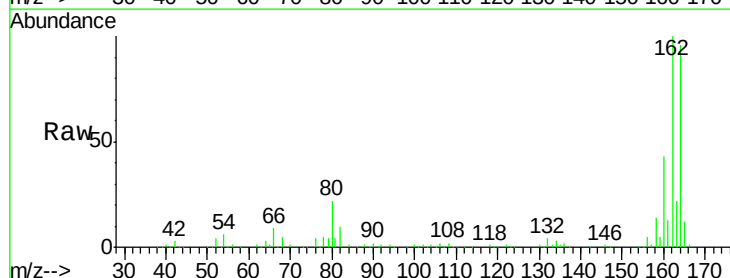


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

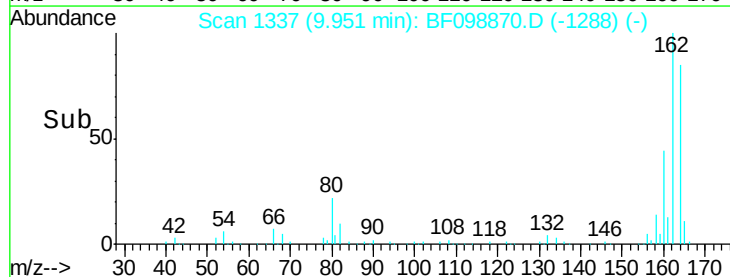
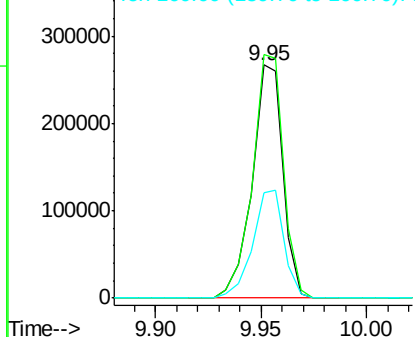


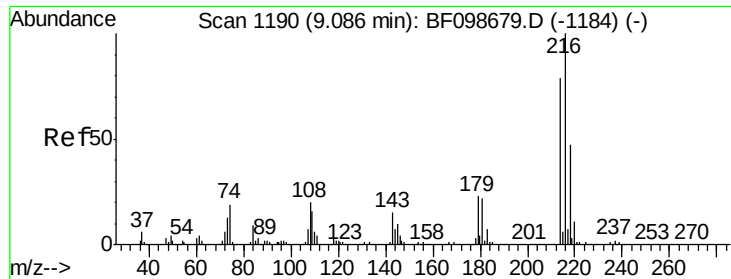
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:164 Resp: 271285
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.1 38.3 57.5



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: 35.60 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 288026

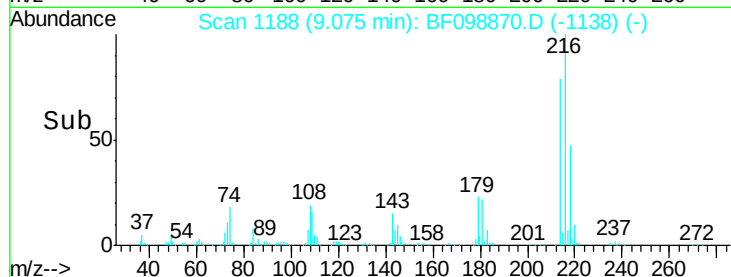
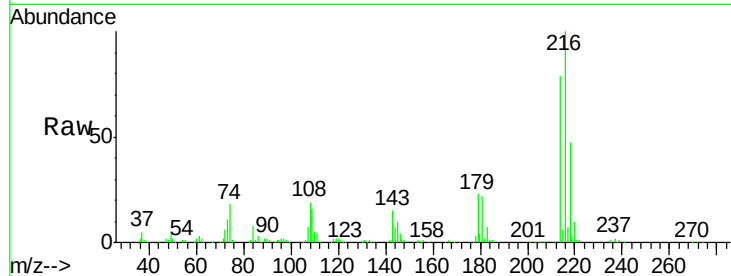
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 22.8 18.1 27.1

108 22.3 17.2 25.8

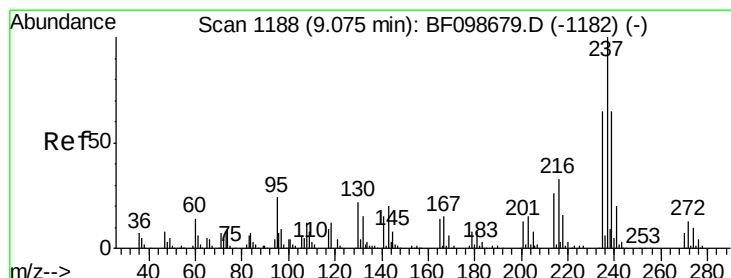
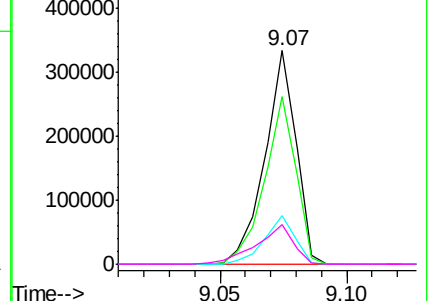


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.77 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

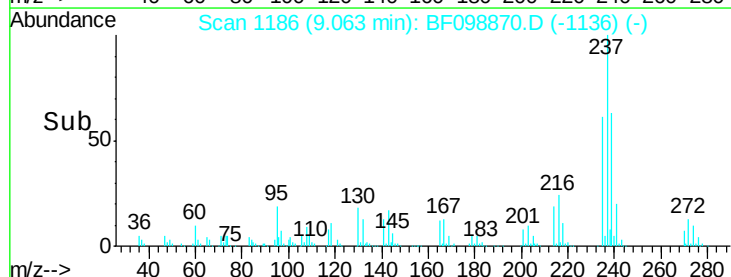
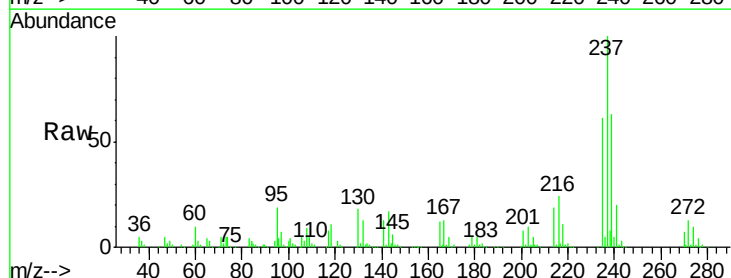
Tgt Ion:237 Resp: 309735

Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

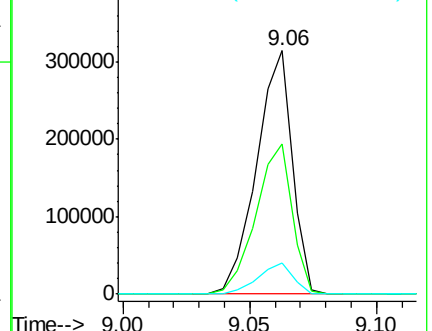
272 13.0 0.0 33.3

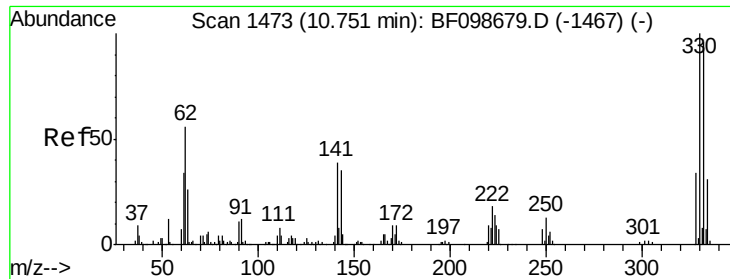


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

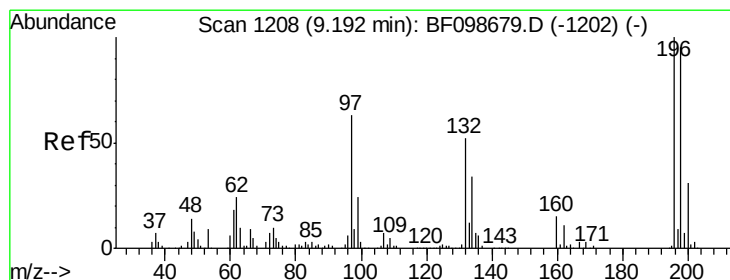
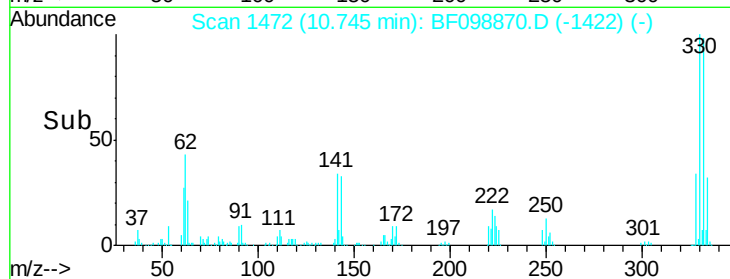
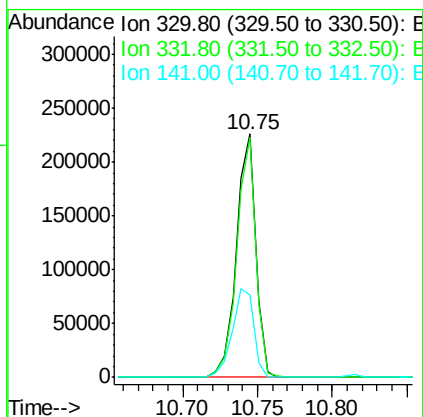
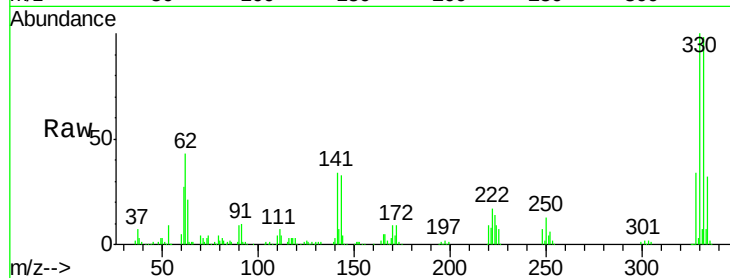




#41
 2,4,6-Tribromophenol
 Concen: 93.63 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

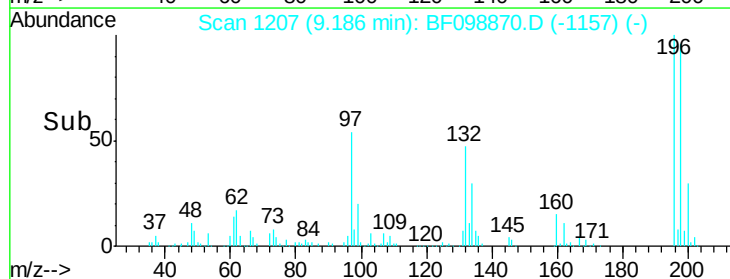
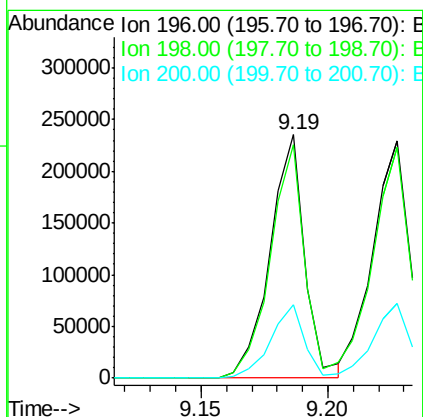
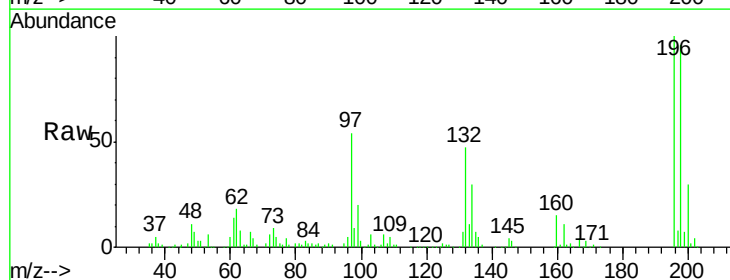
Instrument :
 BNA_F
 ClientSampleId :

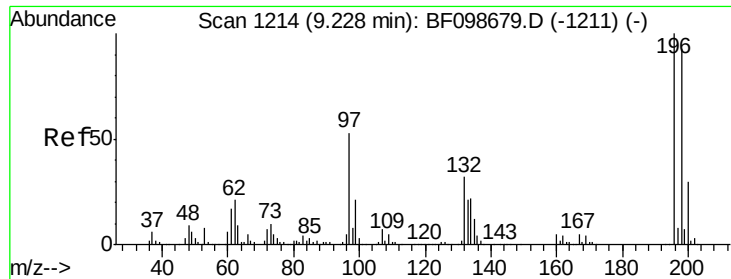
Tot Ion:330 Resp: 207844
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 40.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.52 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion:196 Resp: 226528
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 29.9 24.5 36.7

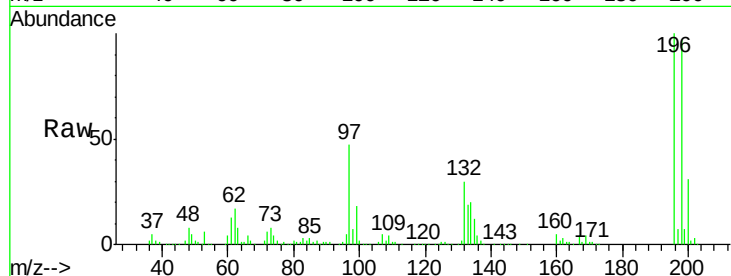




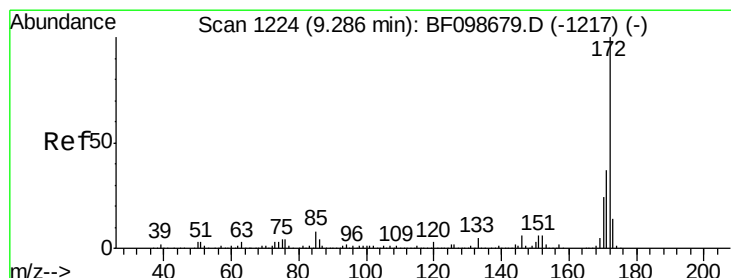
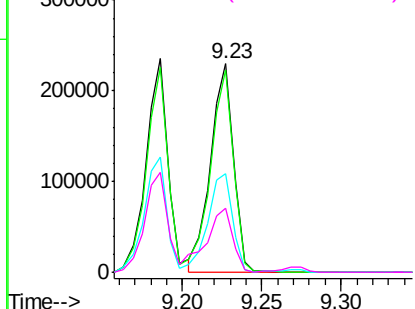
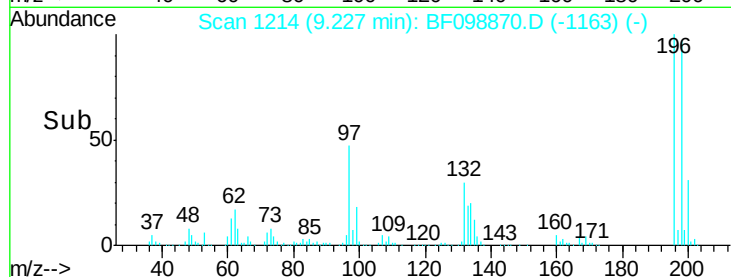
#43
 2,4,5-Trichlorophenol
 Concen: 40.60 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	232288
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	47.3	42.9	64.3
132	30.5	26.3	39.5

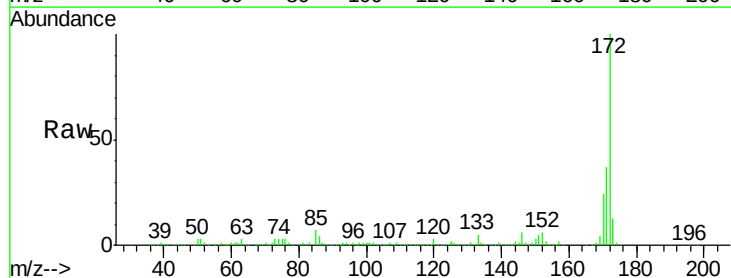


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

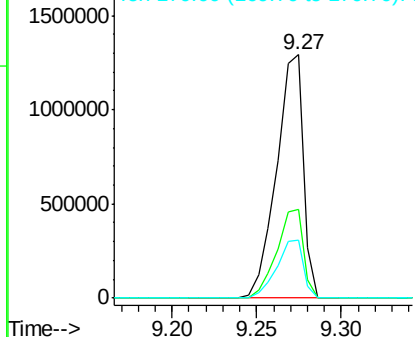
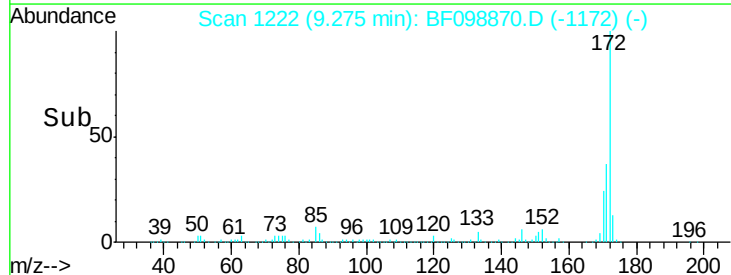


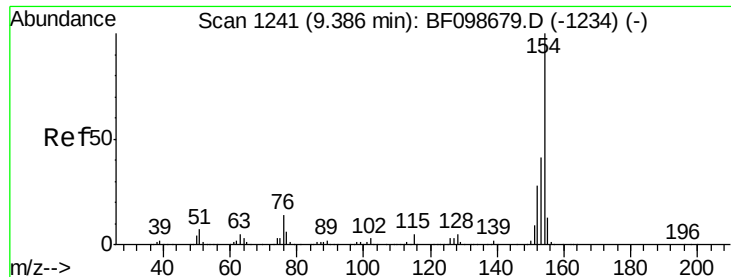
#44
 2-Fluorobiphenyl
 Concen: 87.95 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	172	Resp	1429174
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4



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: 37.15 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

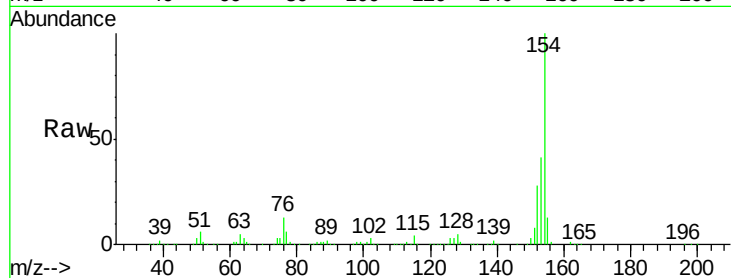
Tot Ion:154 Resp: 866091

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

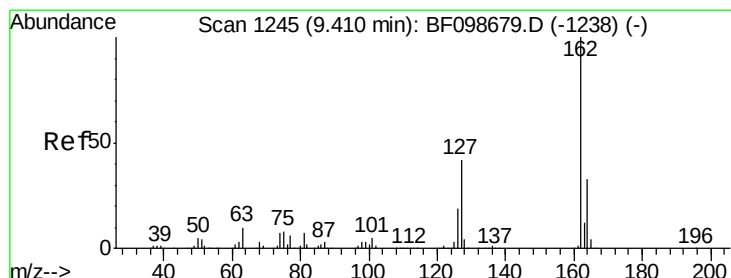
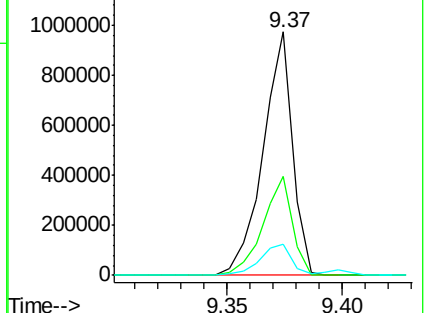
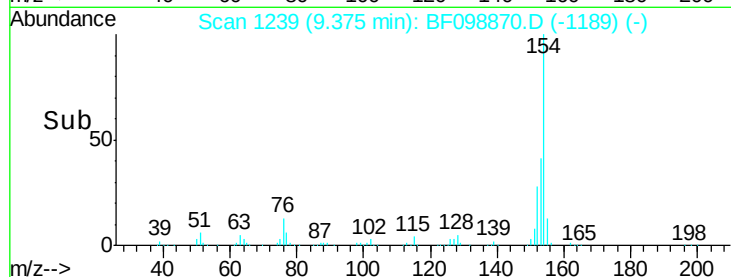
76 13.0 0.0 34.0



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: 39.09 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

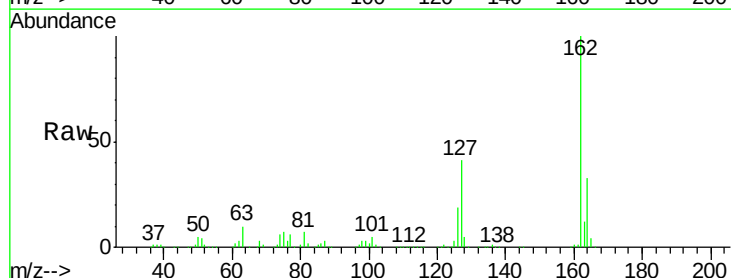
Tgt Ion:162 Resp: 684320

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

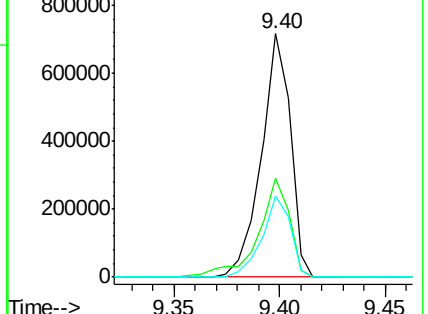
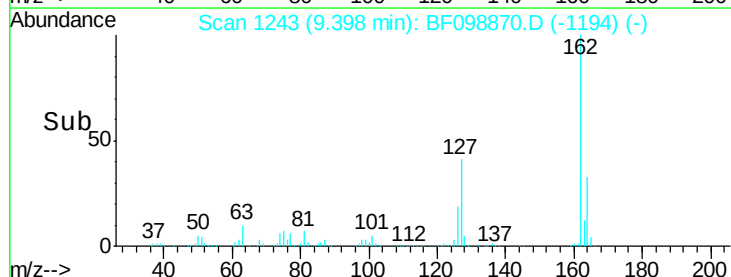
164 33.2 26.5 39.7

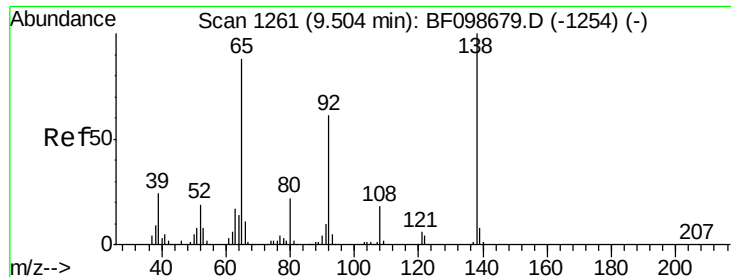


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.86 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

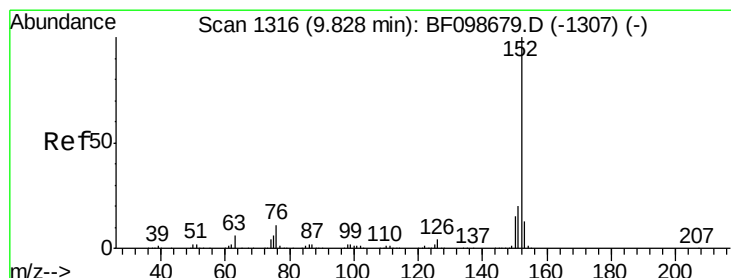
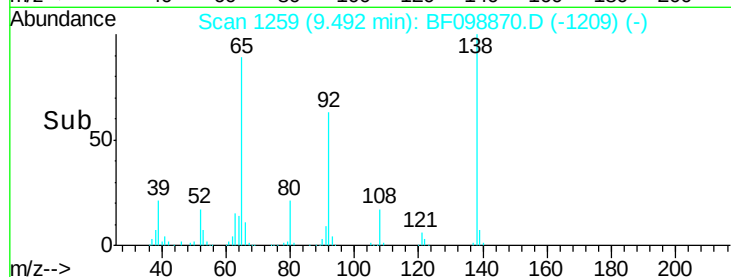
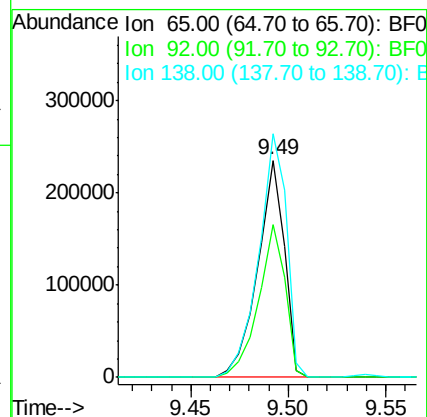
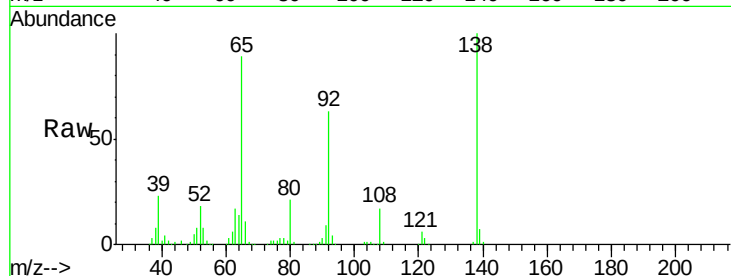
Tot Ion: 65 Resp: 224370

Ion Ratio Lower Upper

65 100

92 70.2 55.8 83.6

138 112.0 91.2 136.8



#48

Acenaphthylene

Concen: 39.88 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

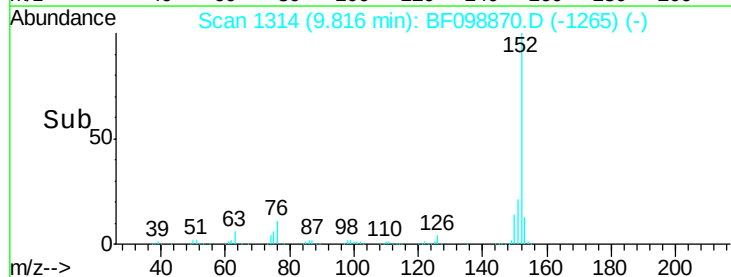
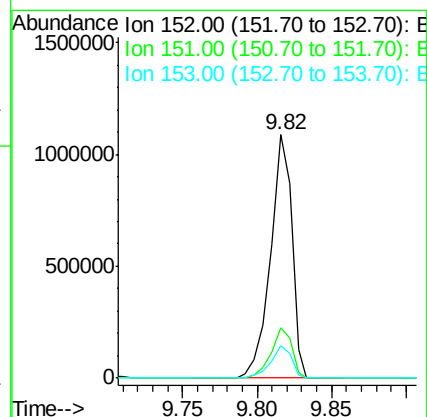
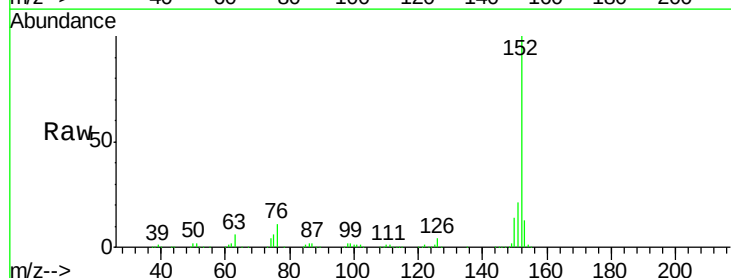
Tgt Ion: 152 Resp: 1068753

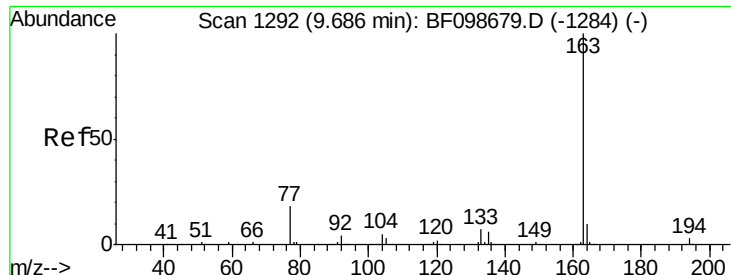
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.4 10.7 16.1

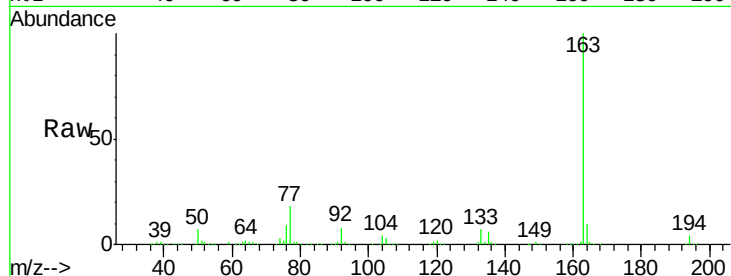




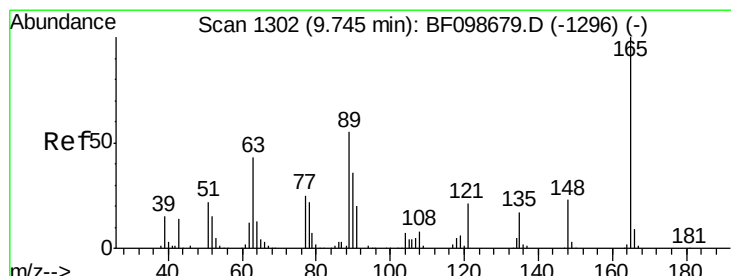
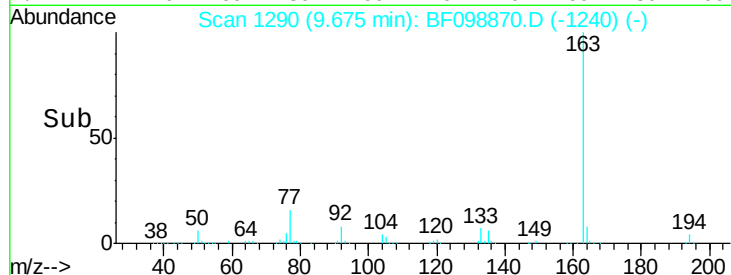
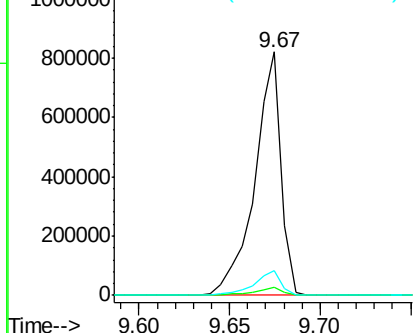
#49
Dimethylphthalate
Concen: 40.22 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 823466
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

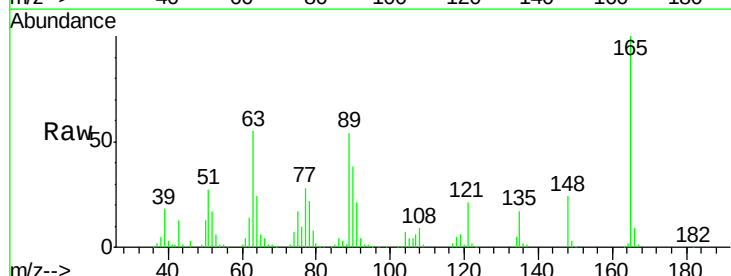


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

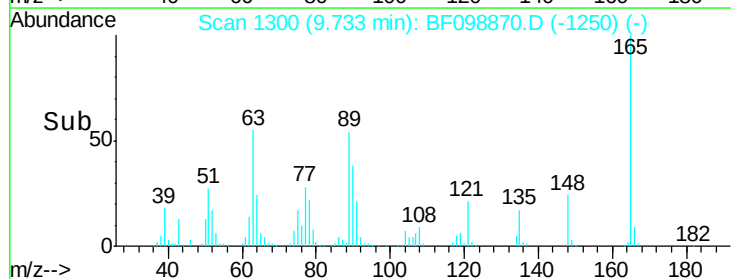
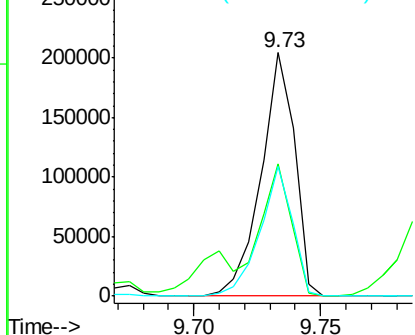


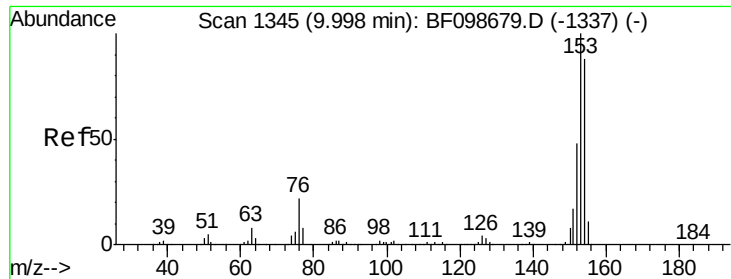
#50
2,6-Dinitrotoluene
Concen: 42.22 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:165 Resp: 188203
Ion Ratio Lower Upper
165 100
63 54.6 44.7 67.1
89 53.5 44.0 66.0



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: 39.86 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

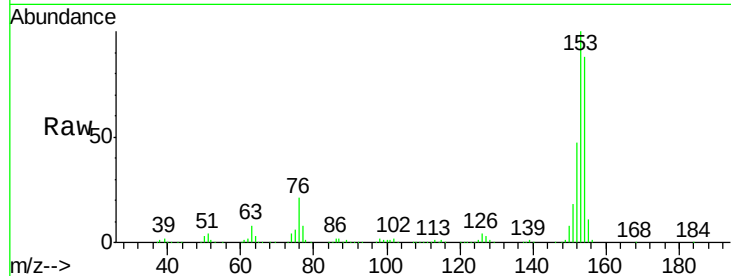
Tot Ion:154 Resp: 676701

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

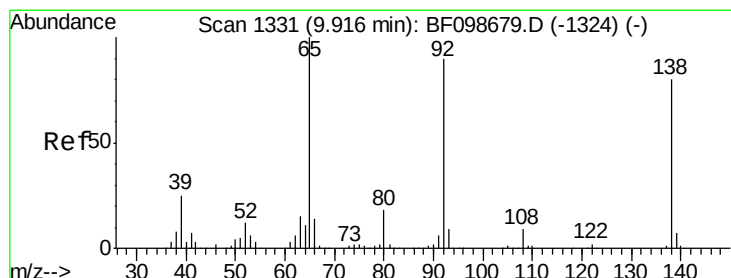
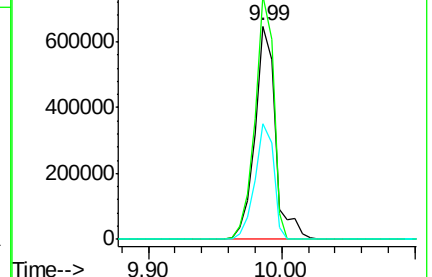
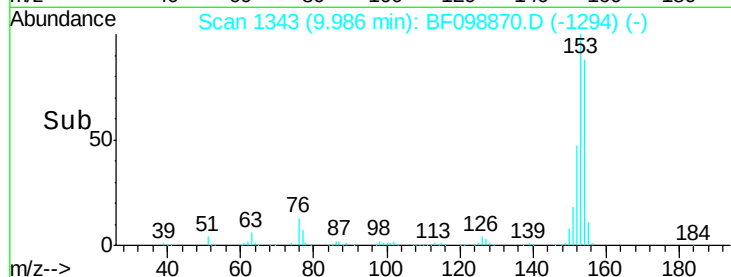
152 54.2 43.8 65.8



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: 28.28 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

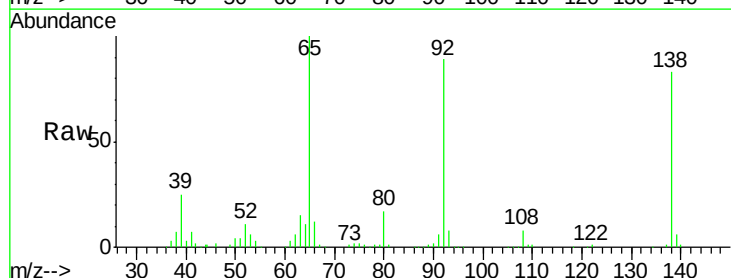
Tgt Ion:138 Resp: 147001

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

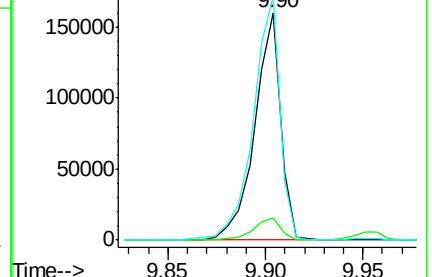
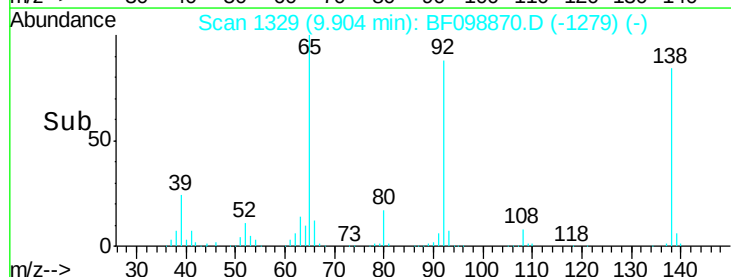
92 107.2 89.4 134.2

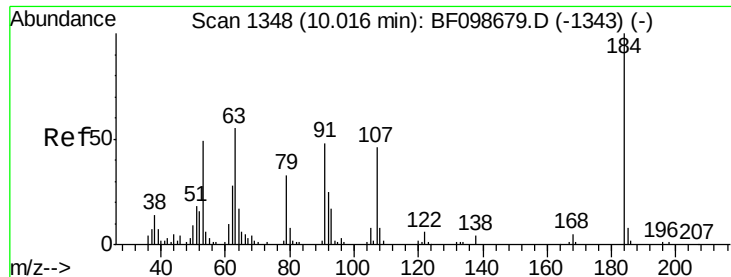


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

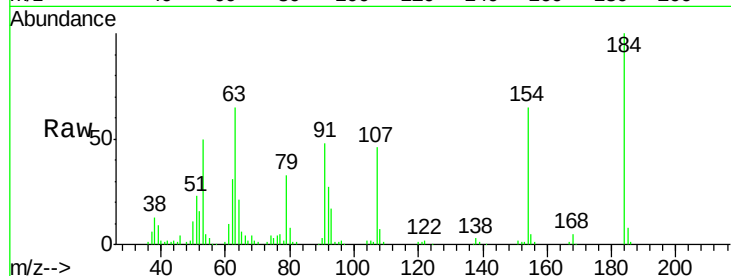




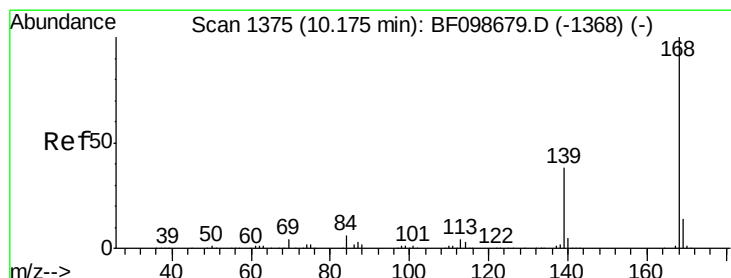
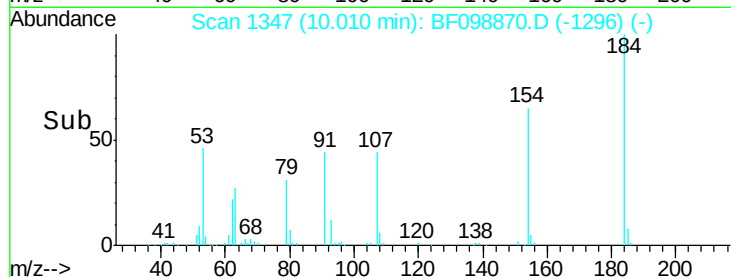
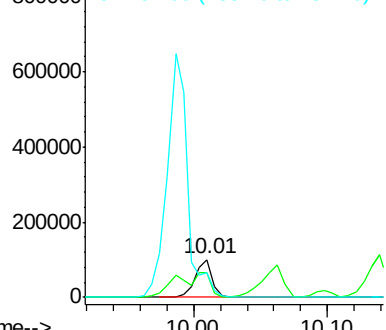
#53
2,4-Dinitrophenol
Concen: 41.69 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 89760
Ion Ratio Lower Upper
184 100
63 64.9 54.2 81.2
154 64.8 53.5 80.3

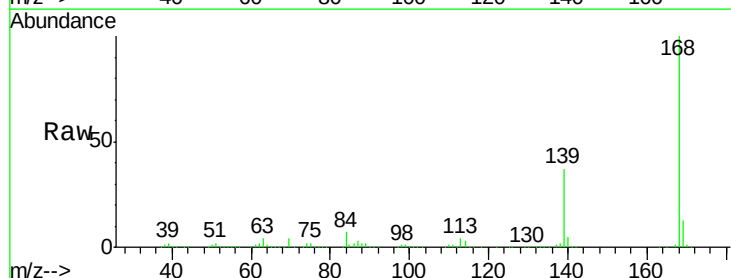


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

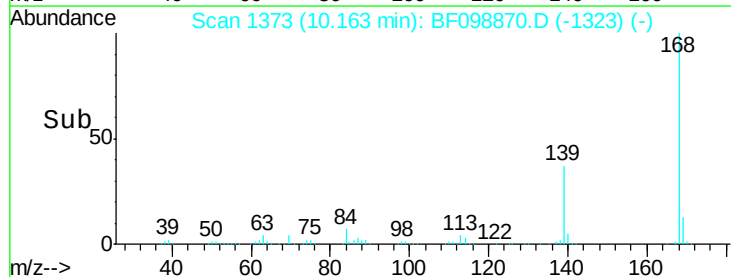
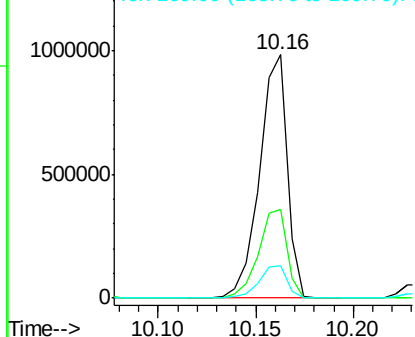


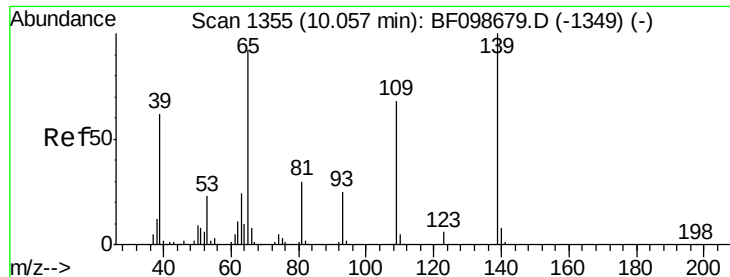
#54
Dibenzofuran
Concen: 42.65 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:168 Resp: 963912
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

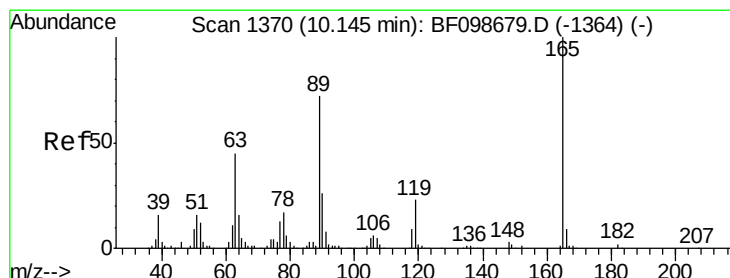
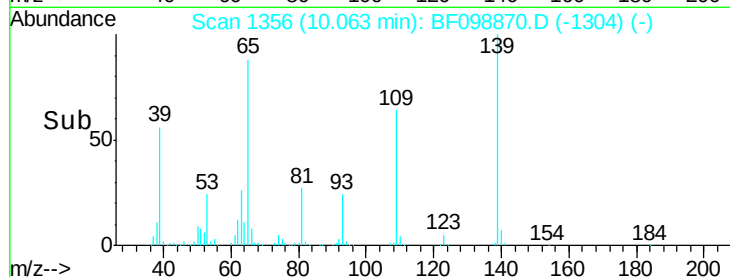
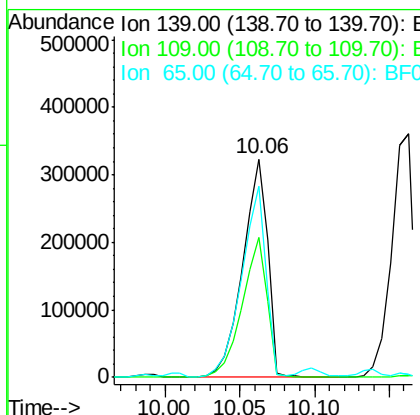
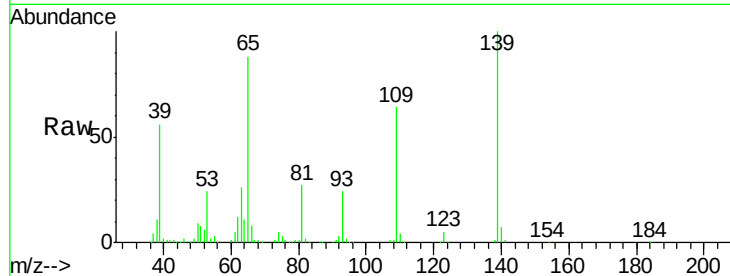




#55
4-Nitrophenol
Concen: 84.67 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

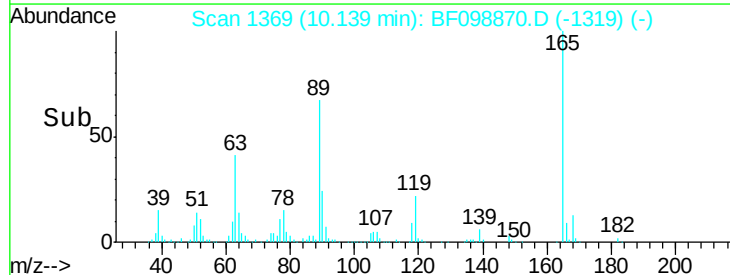
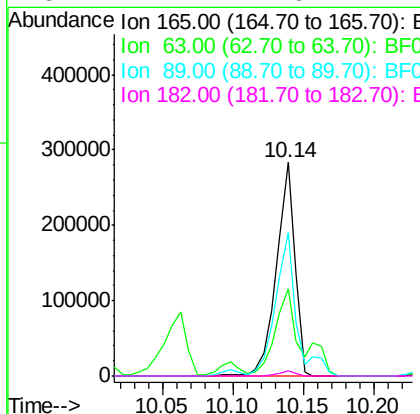
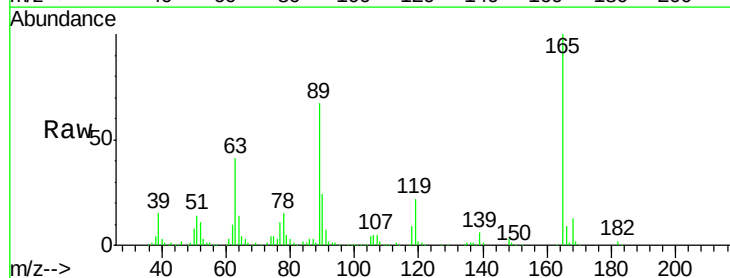
Instrument :
BNA_F
ClientSampleId :

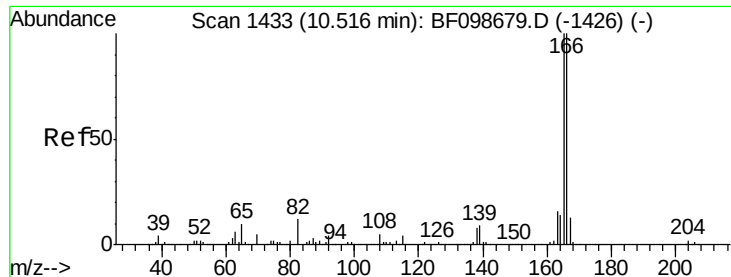
Tot Ion:139 Resp: 372098
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 87.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.12 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:165 Resp: 261044
Ion Ratio Lower Upper
165 100
63 40.5 36.4 54.6
89 67.1 57.8 86.6
182 2.2 1.6 2.4

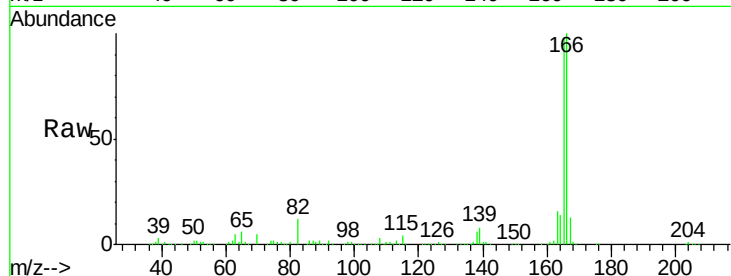




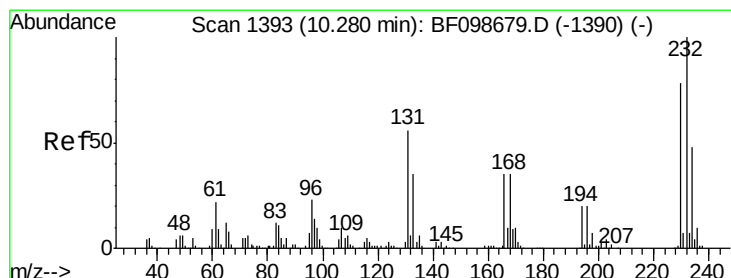
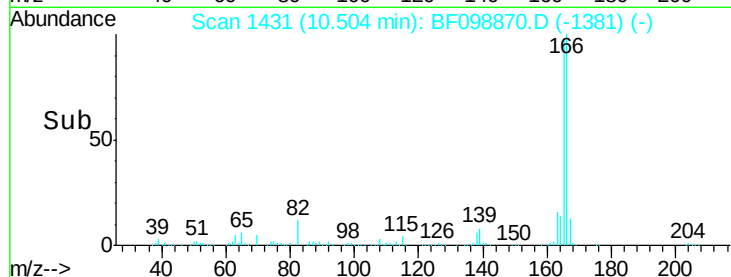
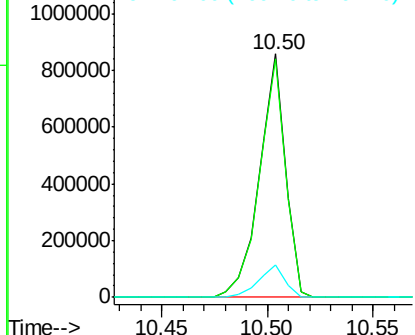
#57
 Fluorene
 Concen: 40.58 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 737160
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.2 10.6 16.0

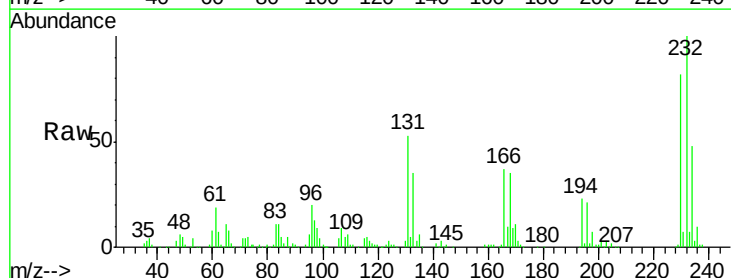


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

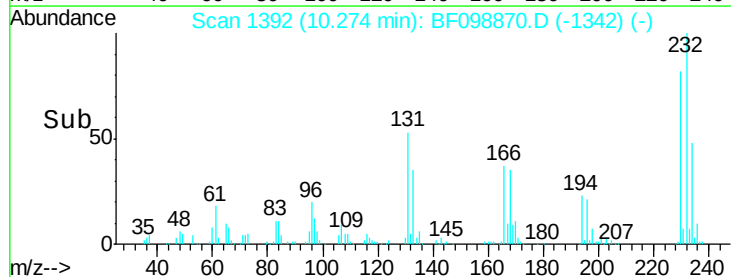
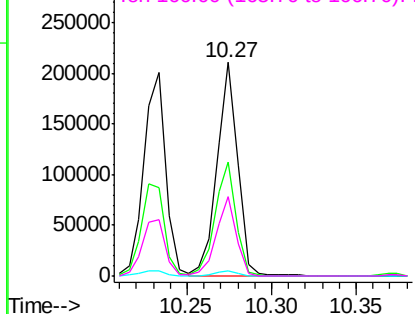


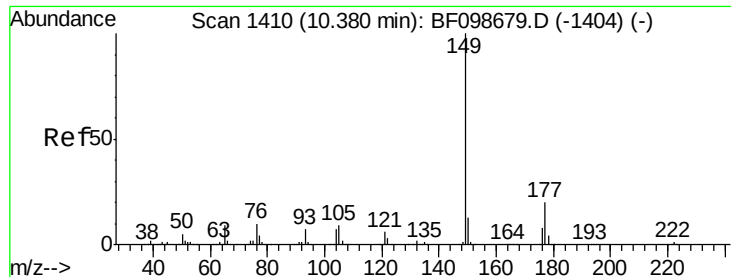
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.66 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion:232 Resp: 180465
 Ion Ratio Lower Upper
 232 100
 131 54.6 43.8 65.8
 130 2.5 2.1 3.1
 166 36.2 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

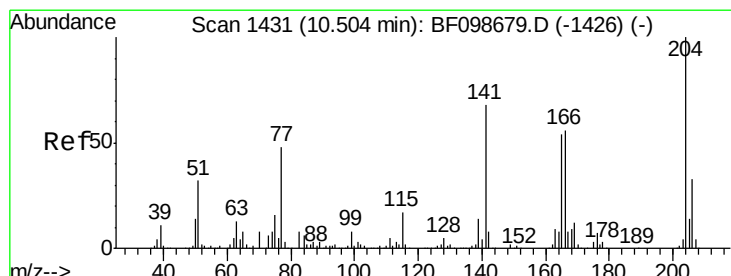
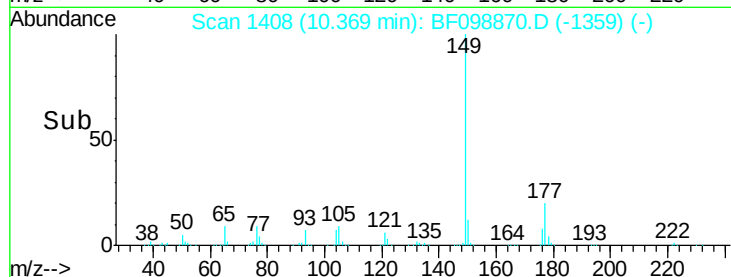
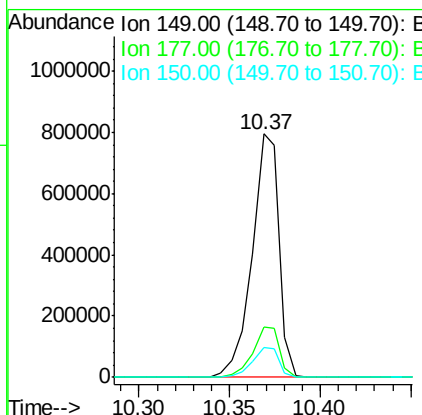
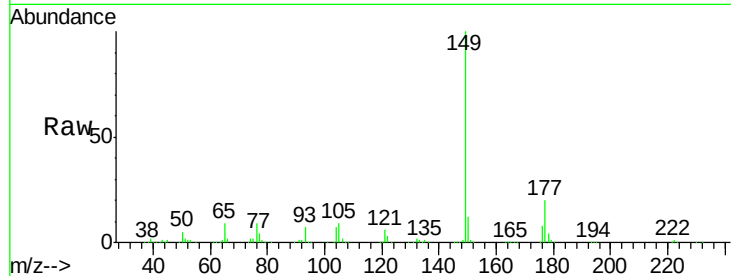




#59
Diethylphthalate
Concen: 40.81 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

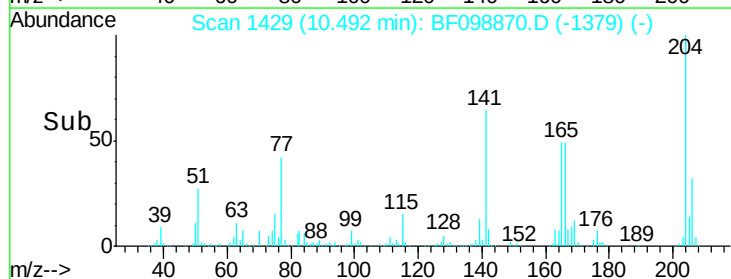
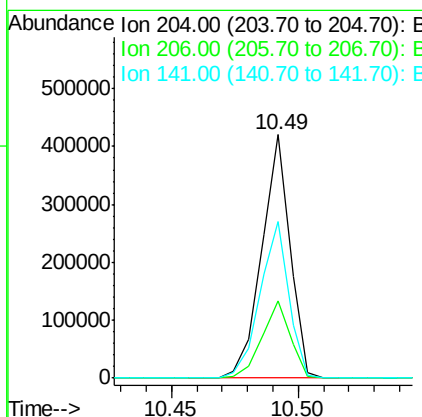
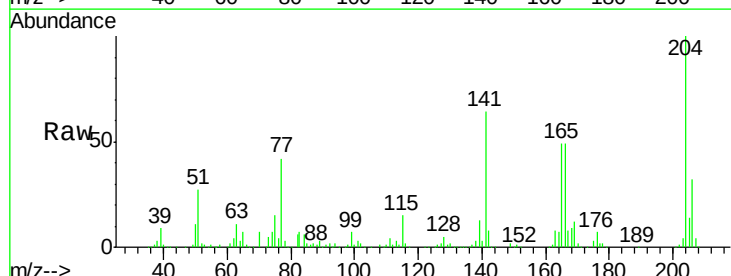
Instrument :
BNA_F
ClientSampleId :

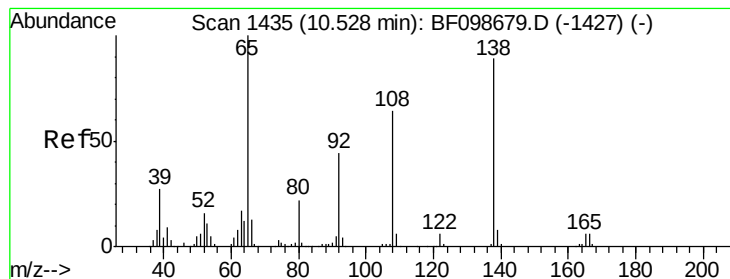
Tot Ion:149 Resp: 816428
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.50 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:204 Resp: 330530
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 64.2 54.6 81.8





#61

4-Nitroaniline

Concen: 43.27 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

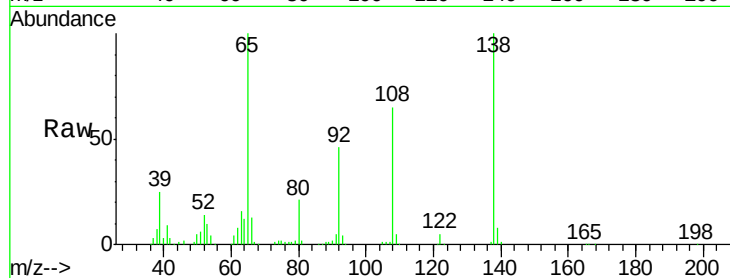
Tot Ion:138 Resp: 216949

Ion Ratio Lower Upper

138 100

92 46.0 30.2 70.2

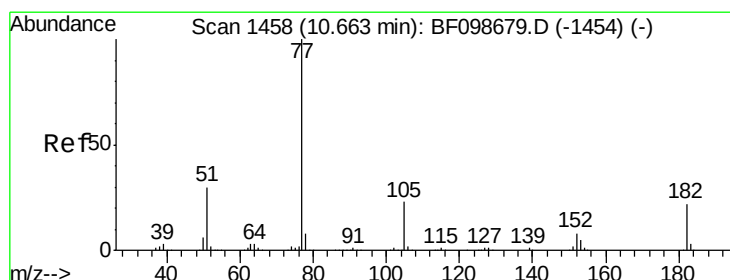
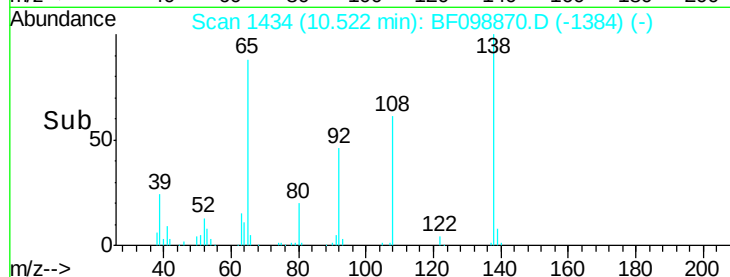
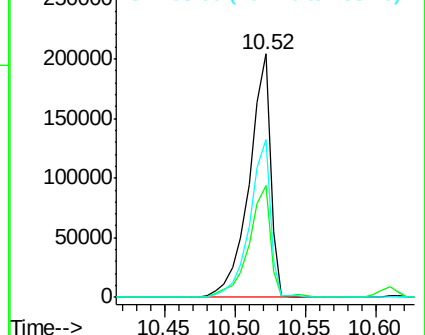
108 64.7 52.5 92.5



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: 42.16 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion: 77 Resp: 775655

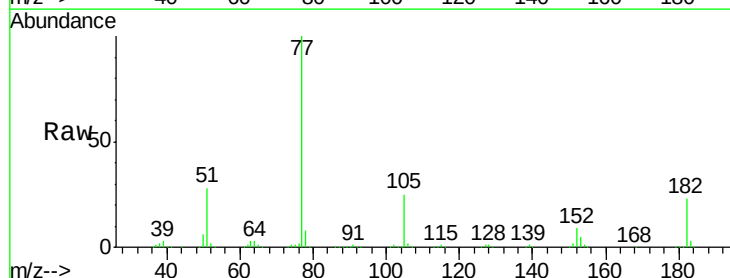
Ion Ratio Lower Upper

77 100

182 23.2 1.7 41.7

105 24.5 3.0 43.0

51 28.4 9.9 49.9

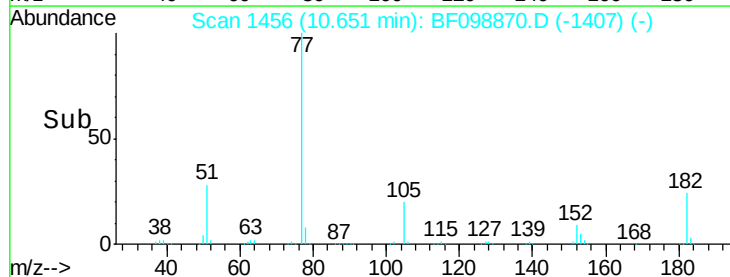
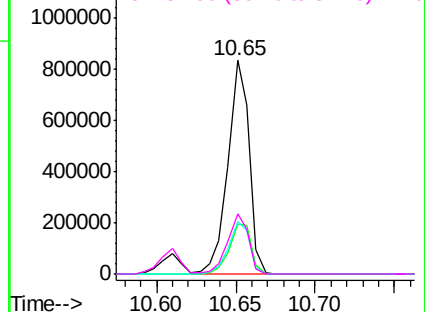


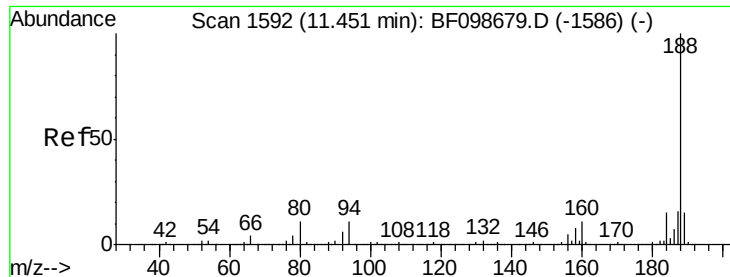
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

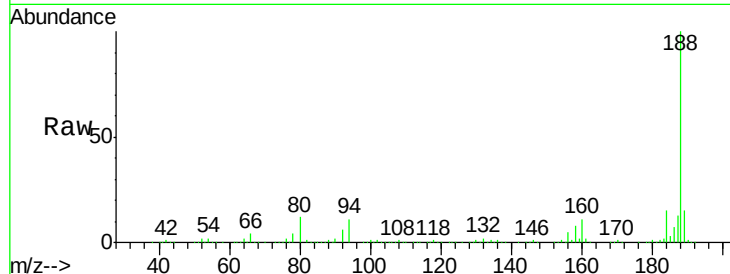




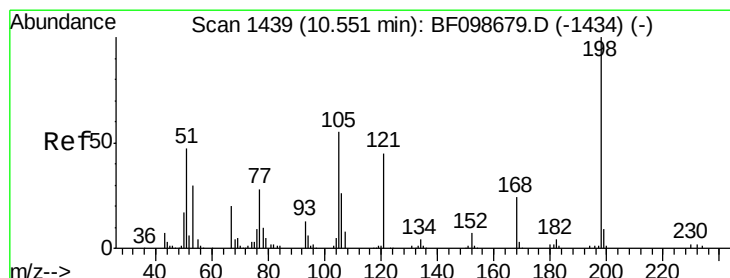
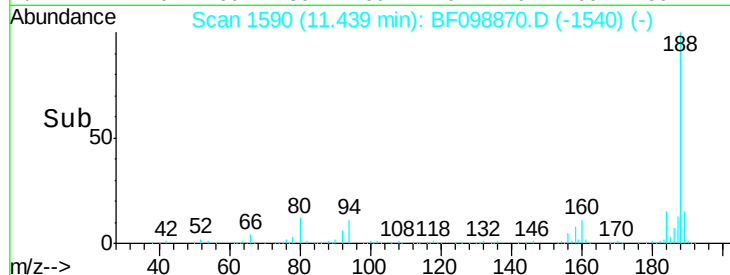
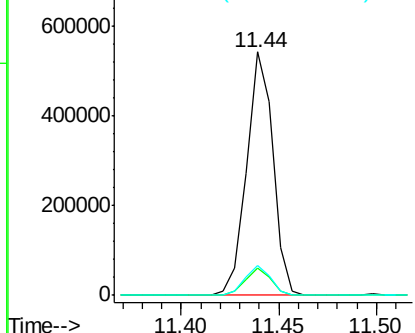
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8

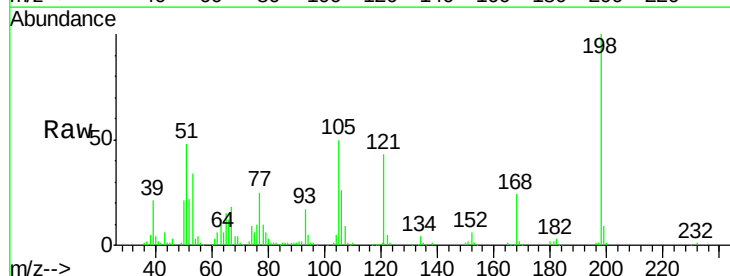


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

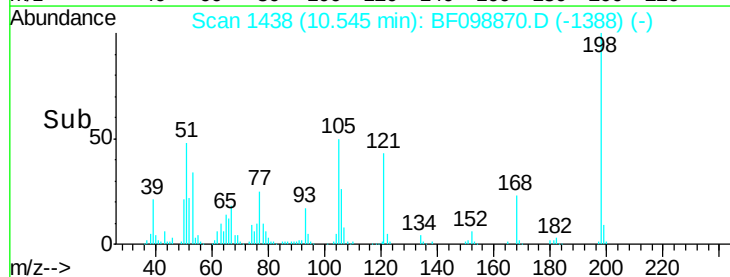
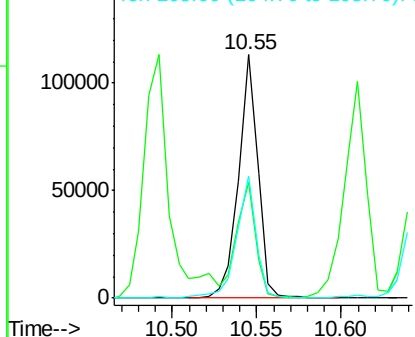


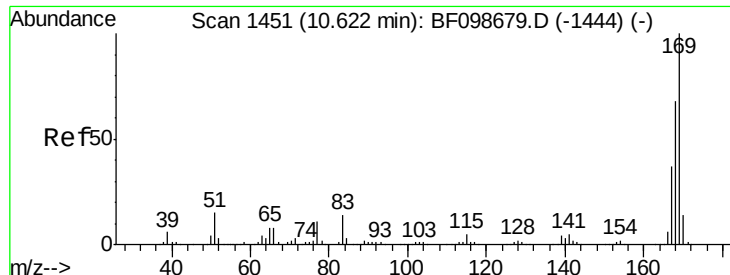
#64
4,6-Dinitro-2-methylphenol
Concen: 29.20 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.6	37.7	77.7
105	50.2	36.3	76.3



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

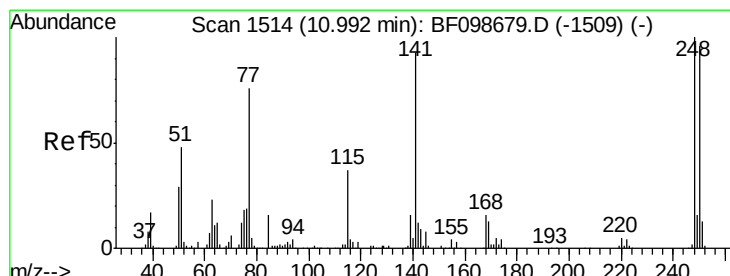
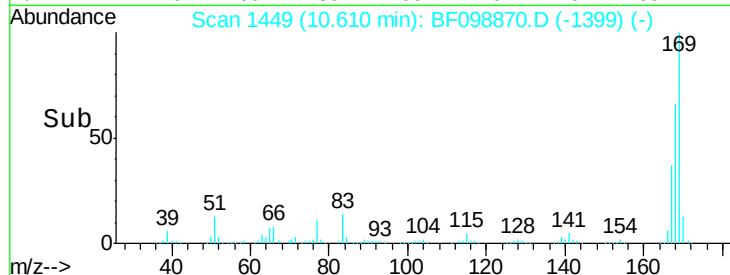
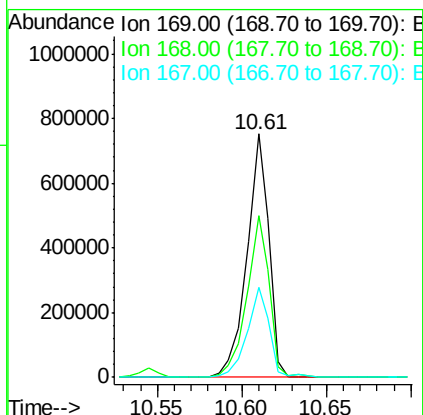
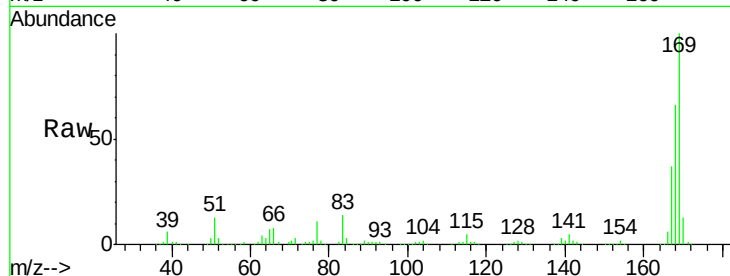




#65
 n-Nitrosodiphenylamine
 Concen: 38.89 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

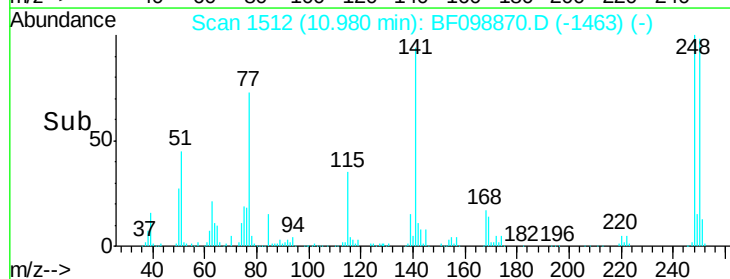
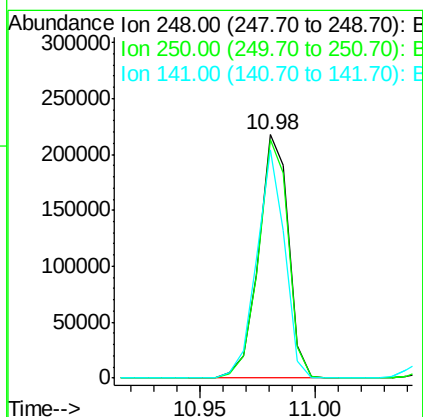
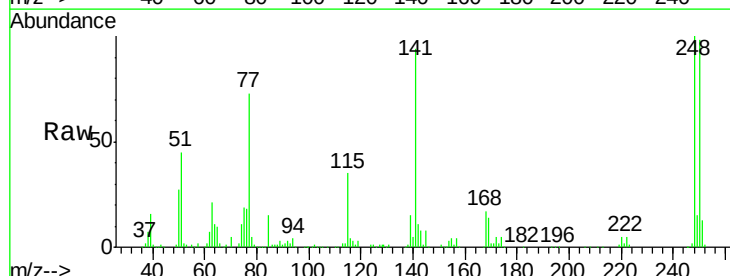
Instrument :
 BNA_F
 ClientSampleId :

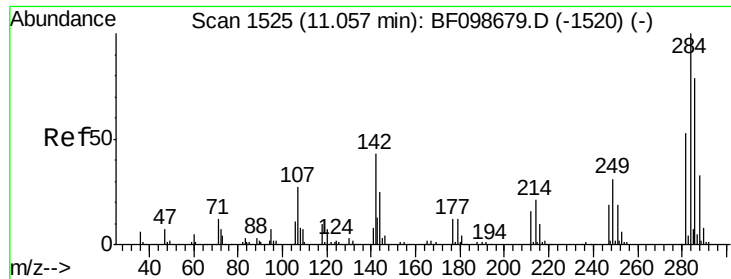
Tot Ion:169 Resp: 682863
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.49 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion:248 Resp: 195889
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 93.6 74.4 111.6

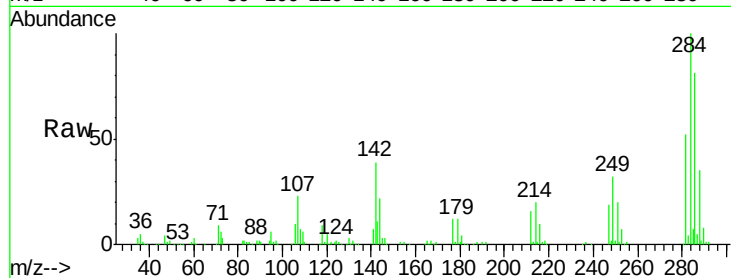




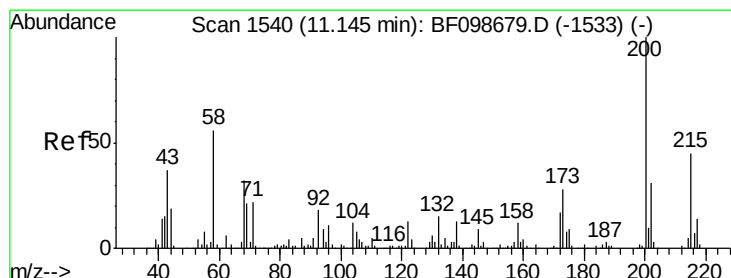
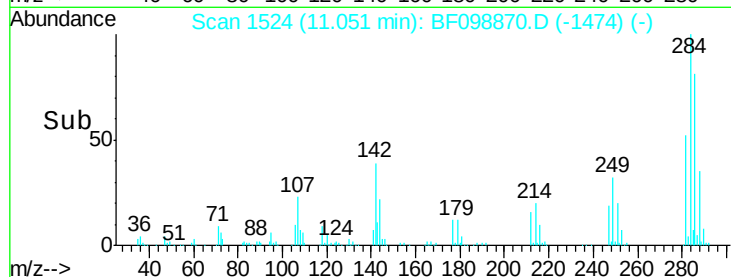
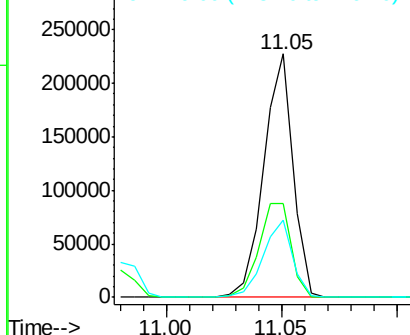
#67
Hexachlorobenzene
Concen: 37.87 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.6	34.6	52.0
249	31.6	24.8	37.2

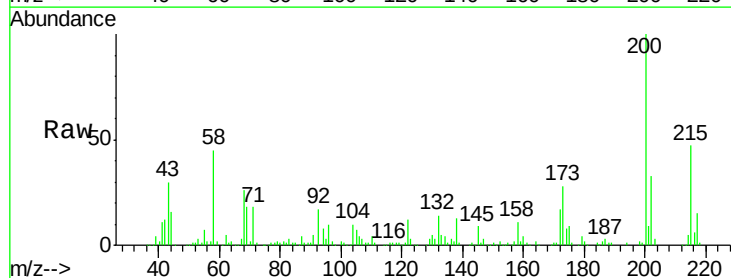


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

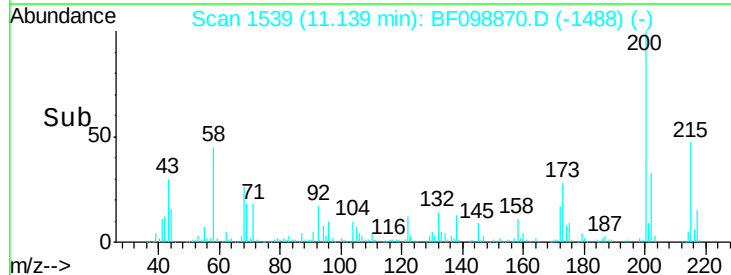
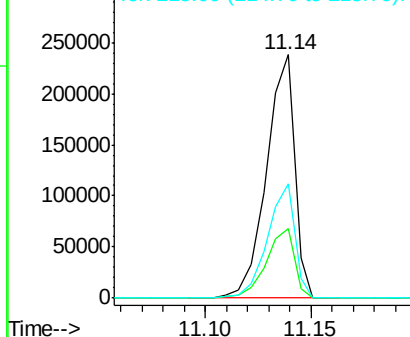


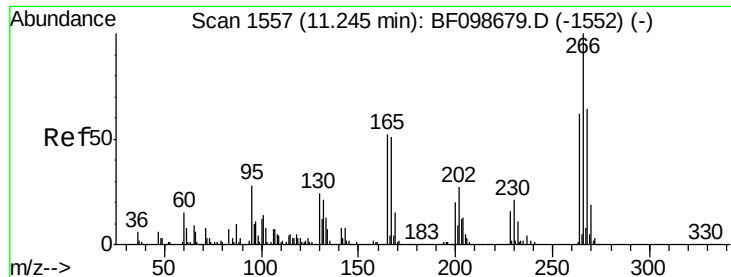
#68
Atrazine
Concen: 41.89 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	46.8	25.1	65.1



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: 70.06 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

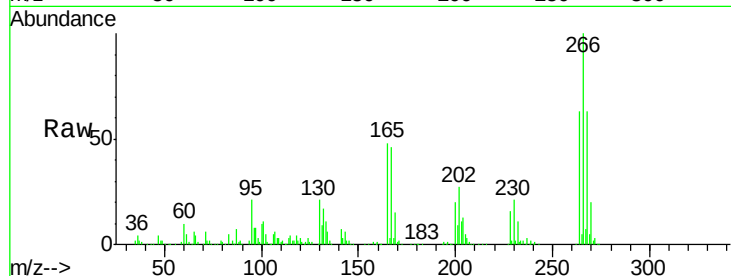
Tot Ion:266 Resp: 231012

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

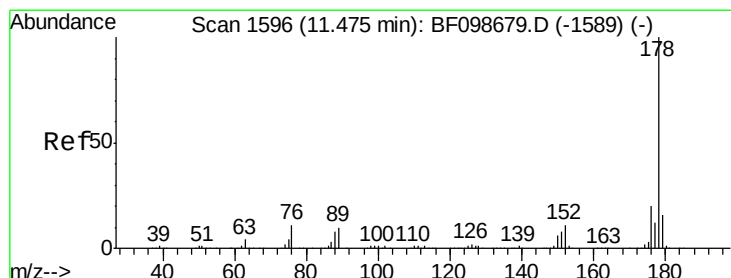
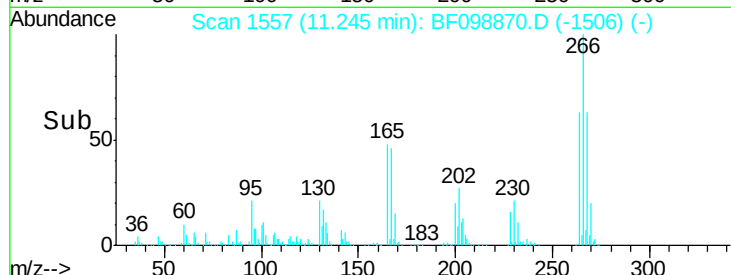
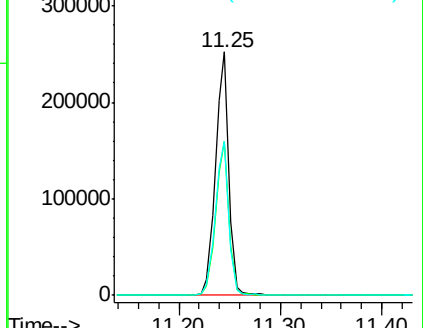
264 63.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.65 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

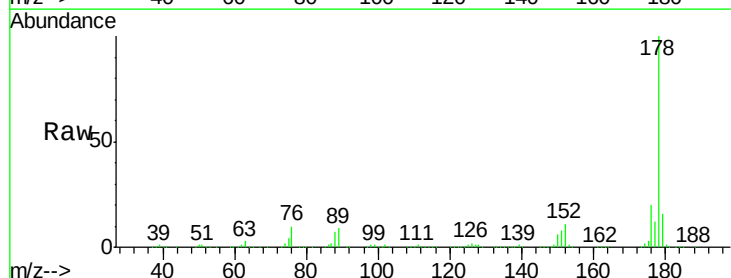
Tgt Ion:178 Resp: 1102651

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

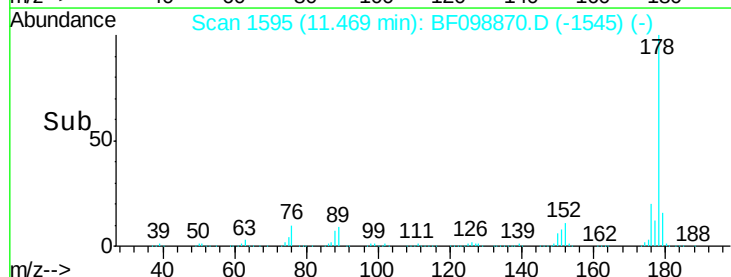
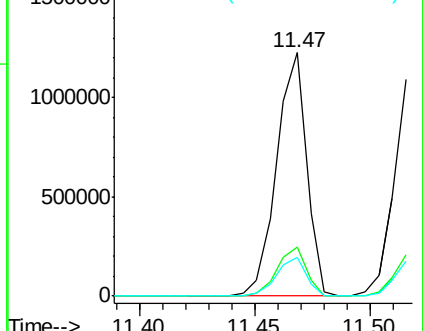
179 15.8 13.0 19.6

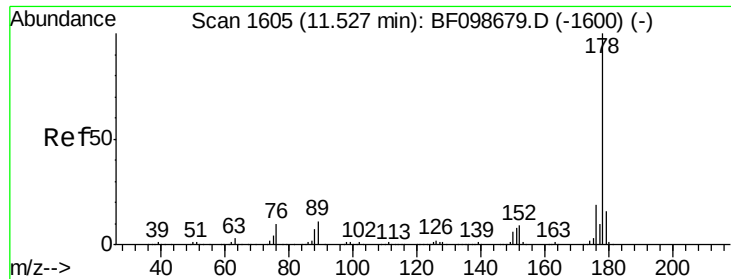


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

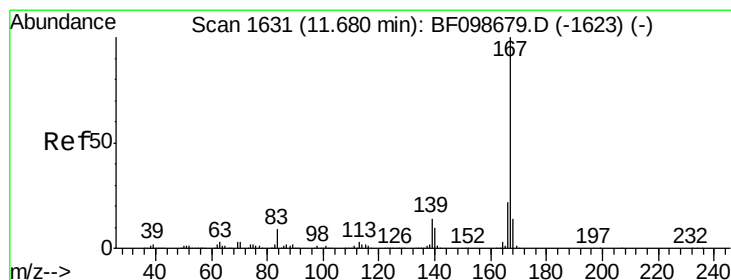
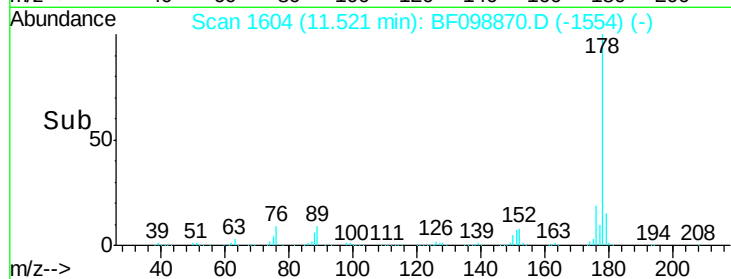
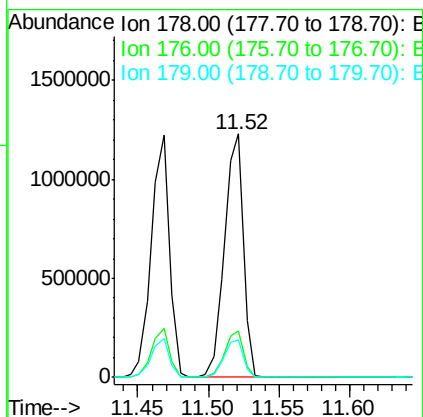
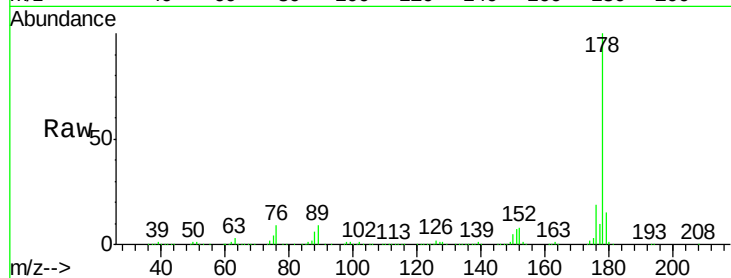




#71
 Anthracene
 Concen: 41.34 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

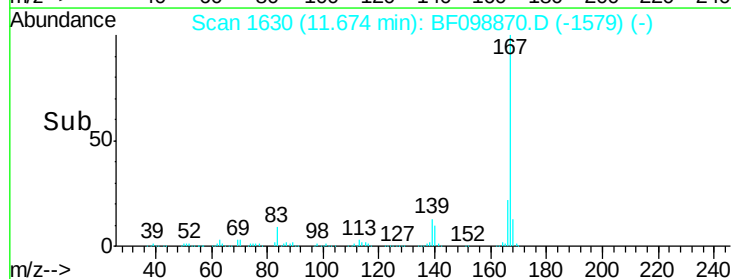
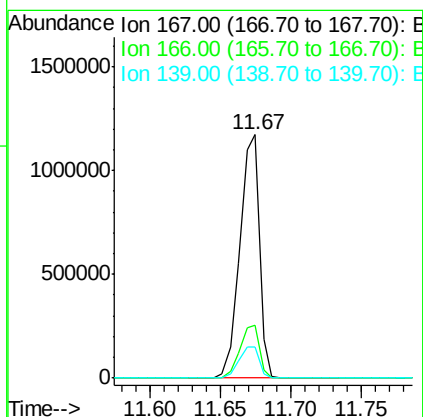
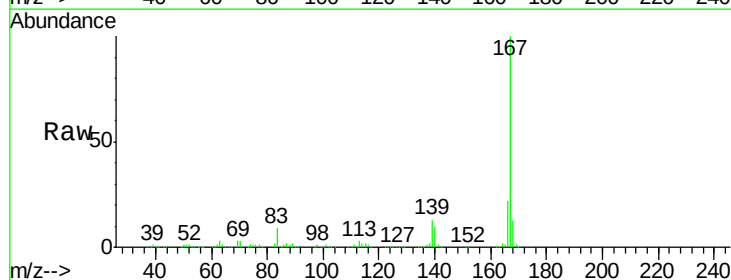
Instrument :
 BNA_F
 ClientSampleId :

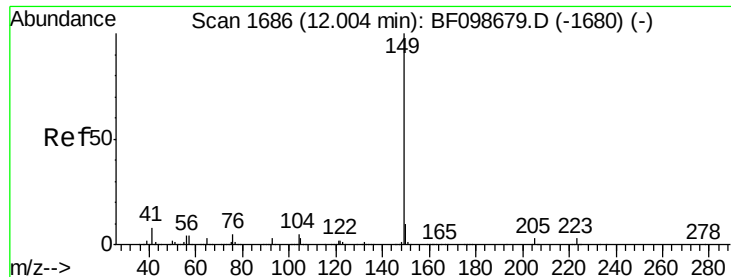
Tot Ion:178 Resp: 1147392
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 41.53 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion:167 Resp: 1128832
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.37 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

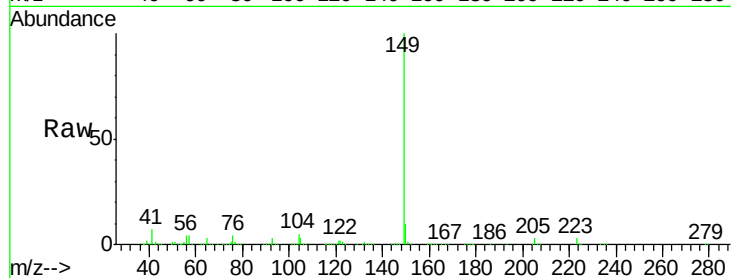
Tot Ion:149 Resp: 1320625

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

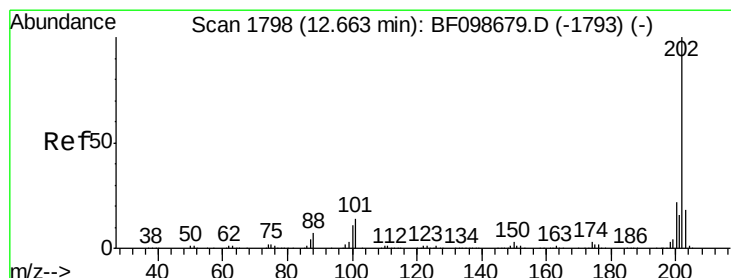
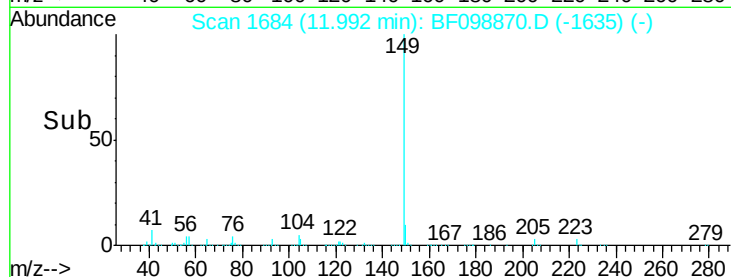
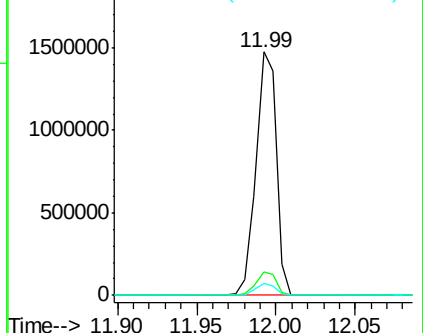
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.20 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

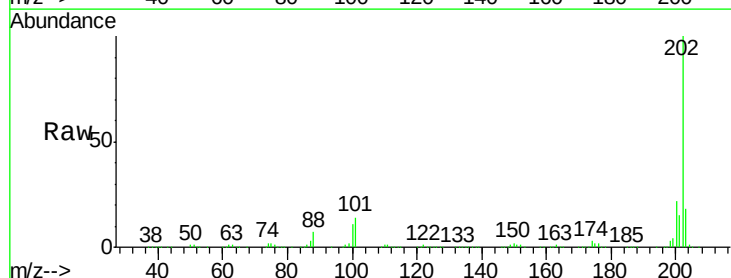
Tgt Ion:202 Resp: 1214139

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

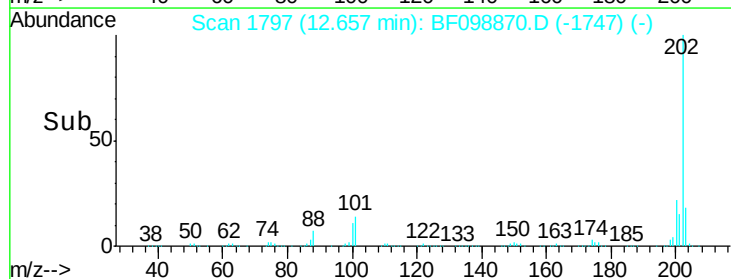
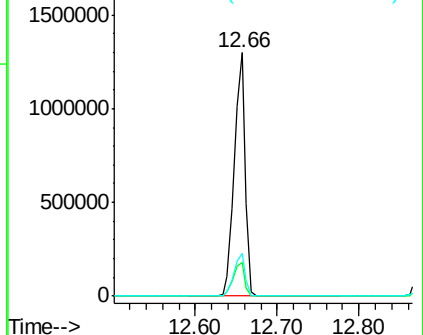
203 17.7 0.0 38.1

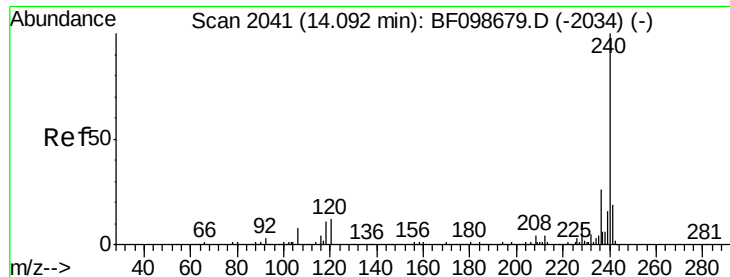


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

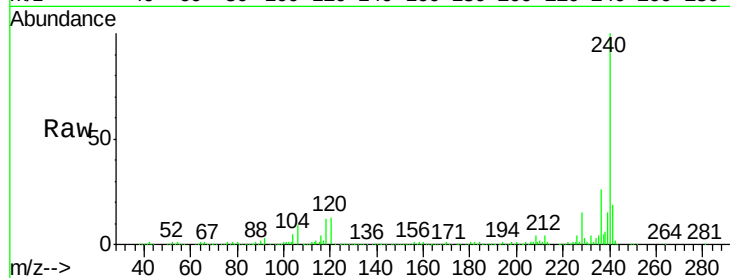
Tot Ion:240 Resp: 444458

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

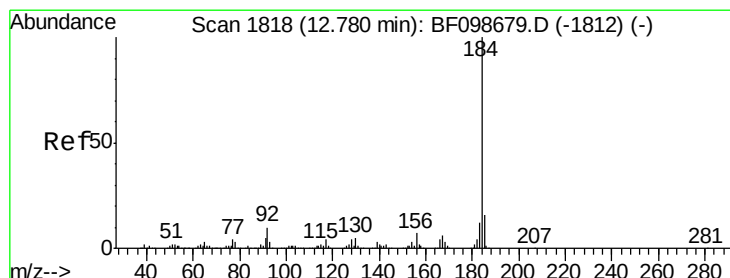
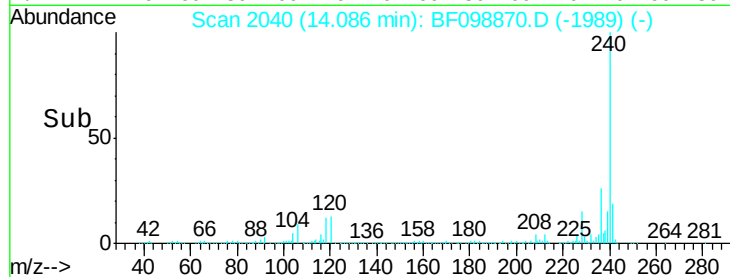
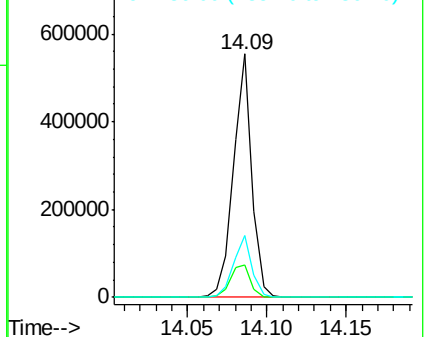
236 25.7 20.7 31.1



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



#76

Benzidine

Concen: 30.83 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

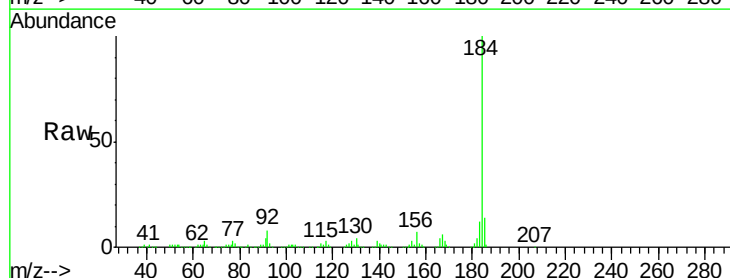
Tgt Ion:184 Resp: 506775

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

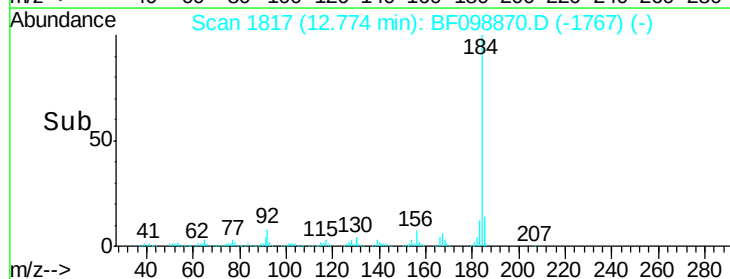
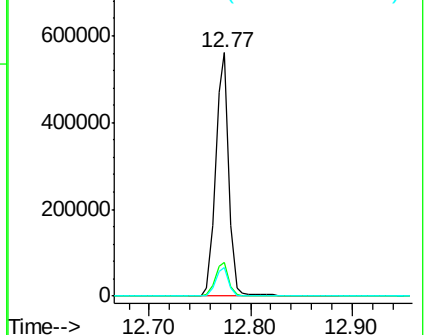
183 11.8 9.3 13.9

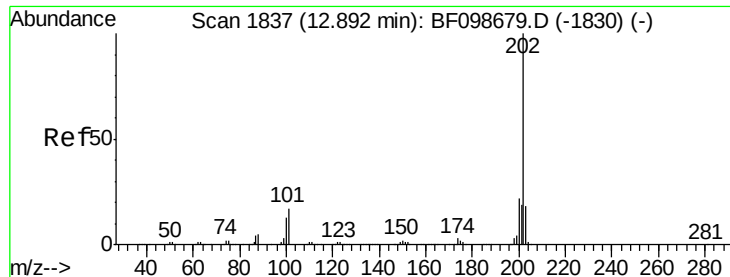


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.59 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

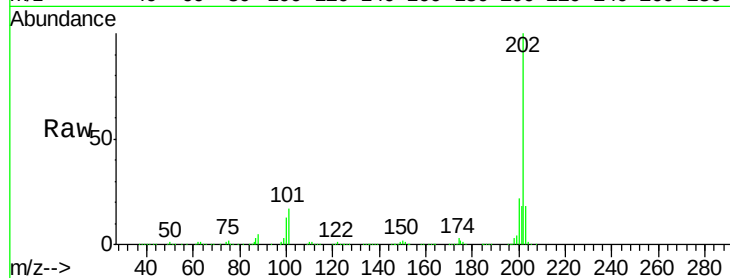
Tot Ion:202 Resp: 1274132

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

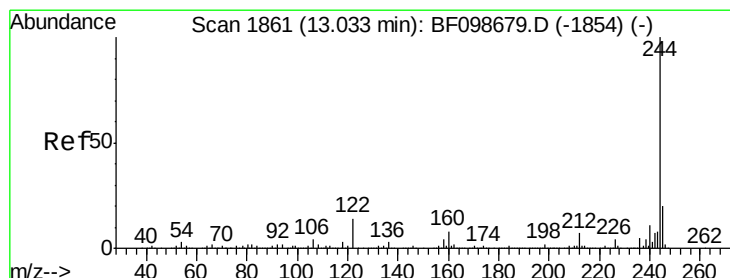
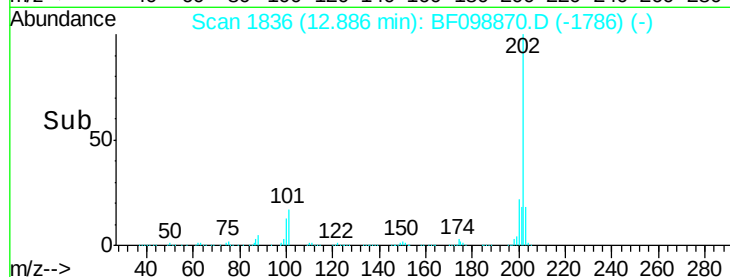
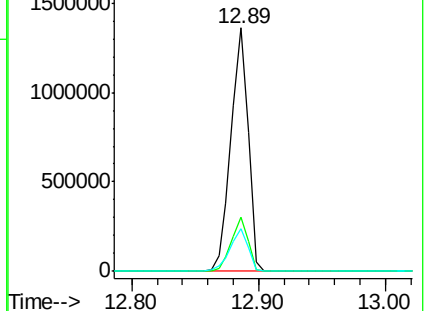
203 17.6 14.3 21.5



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: 69.42 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

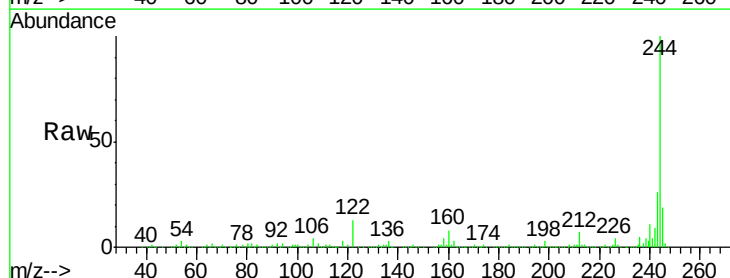
Tgt Ion:244 Resp: 1356777

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

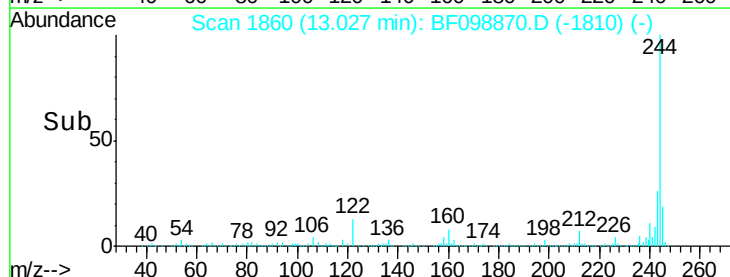
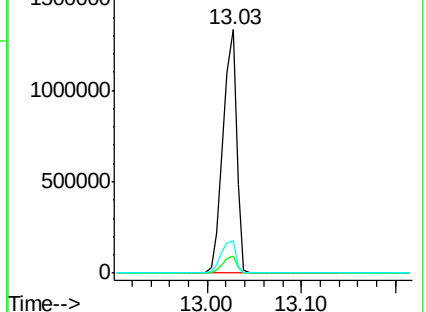
122 13.1 11.0 16.4

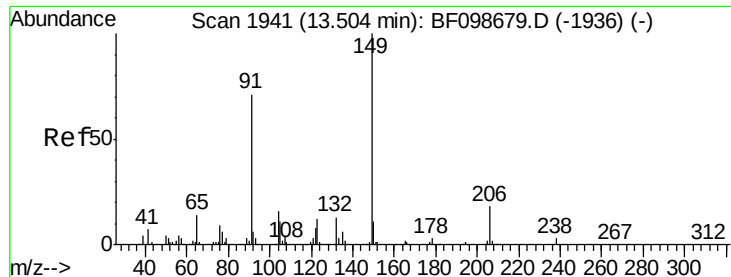


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.16 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

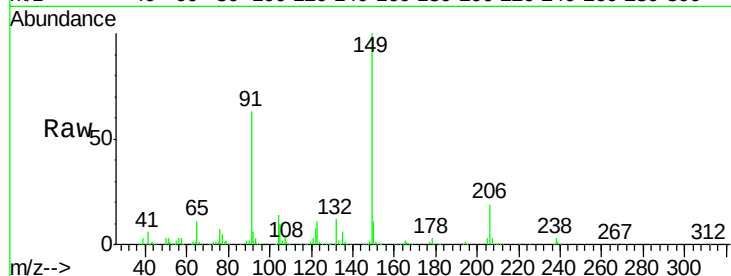
Tot Ion:149 Resp: 623829

Ion Ratio Lower Upper

149 100

91 63.3 56.8 85.2

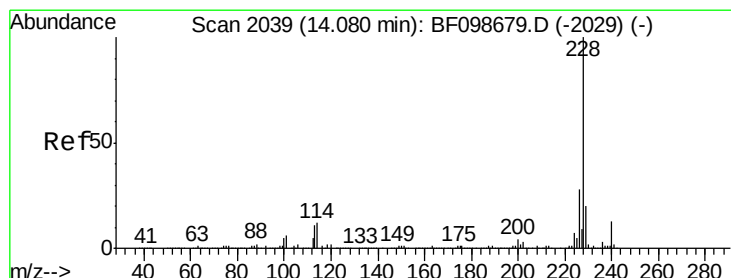
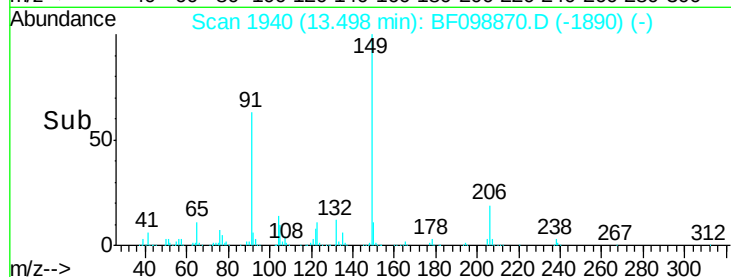
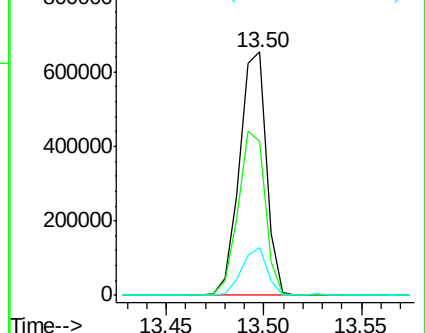
206 19.5 14.1 21.1



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: 40.81 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

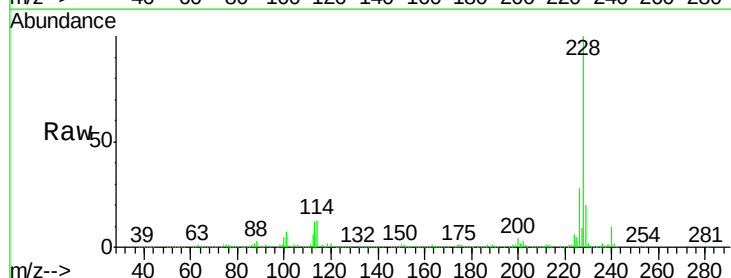
Tgt Ion:228 Resp: 1098218

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

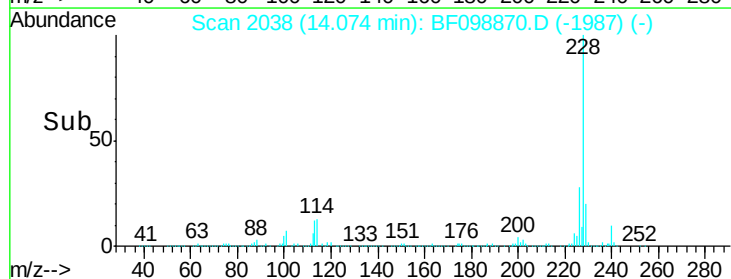
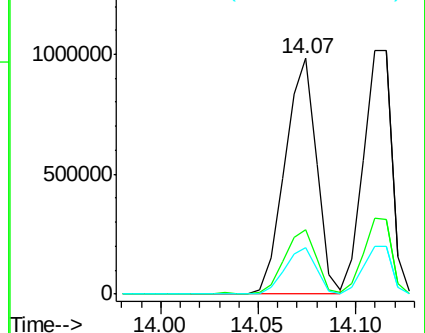
229 19.9 15.8 23.6

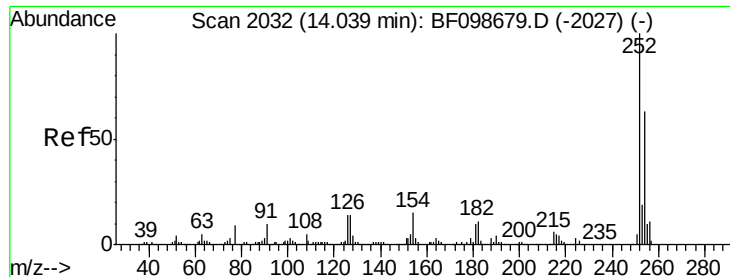


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

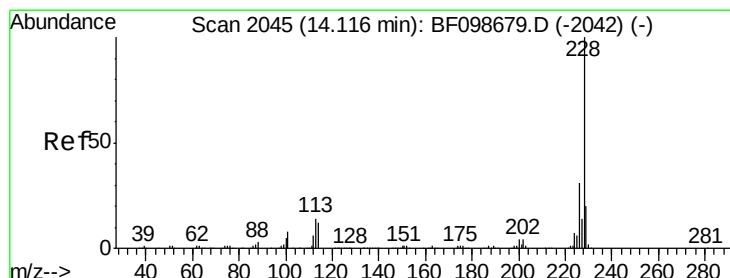
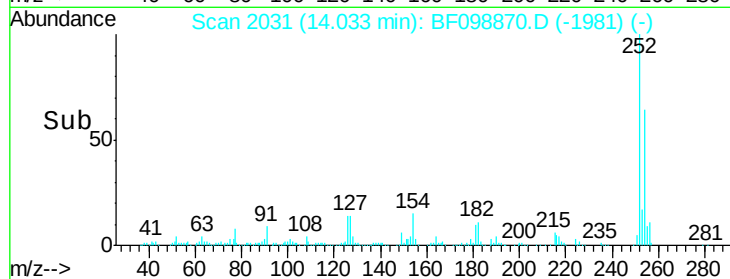
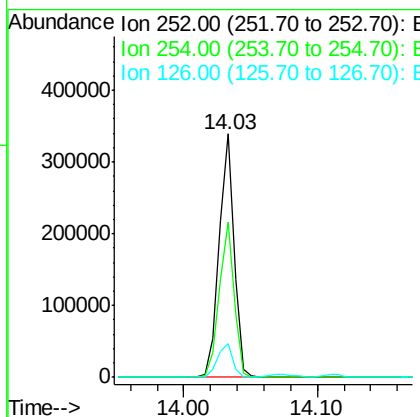
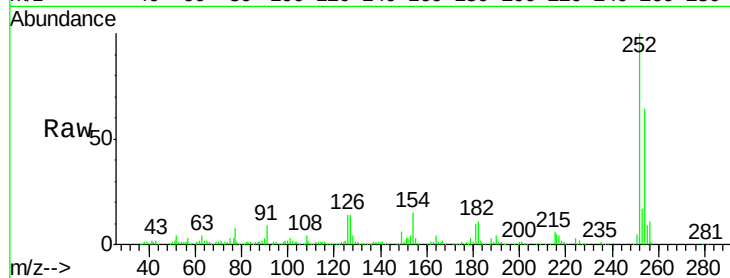




#81
 3,3'-Dichlorobenzidine
 Concen: 27.57 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

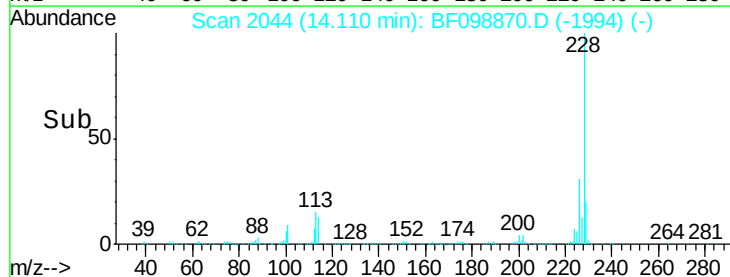
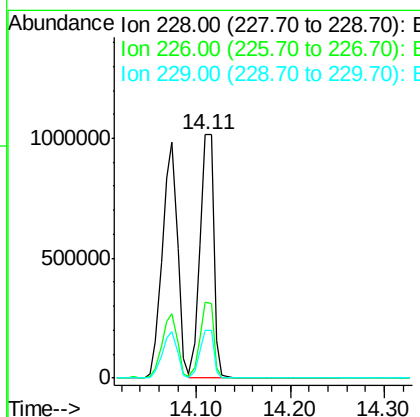
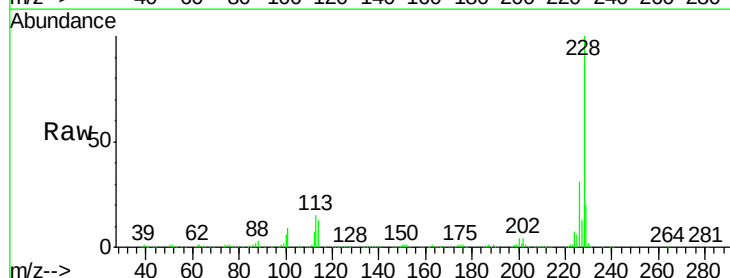
Instrument :
 BNA_F
 ClientSampleId :

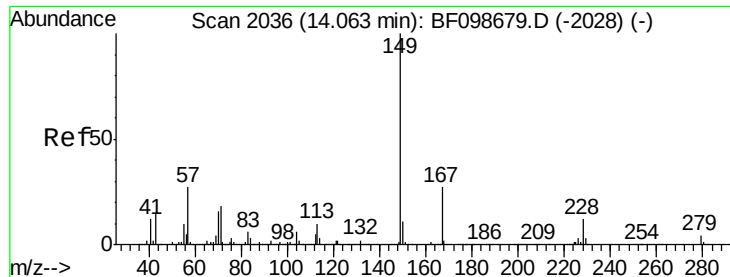
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	13.9	11.3	16.9



#82
 Chrysene
 Concen: 40.37 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.01 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

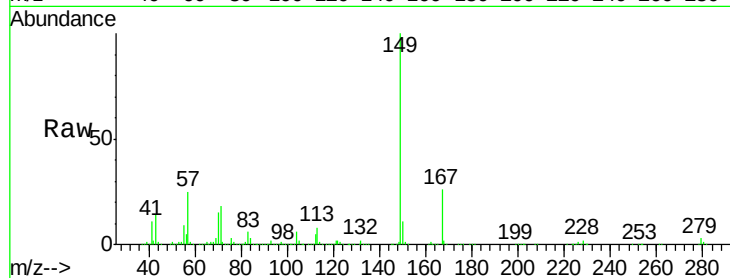
Tot Ion:149 Resp: 833568

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

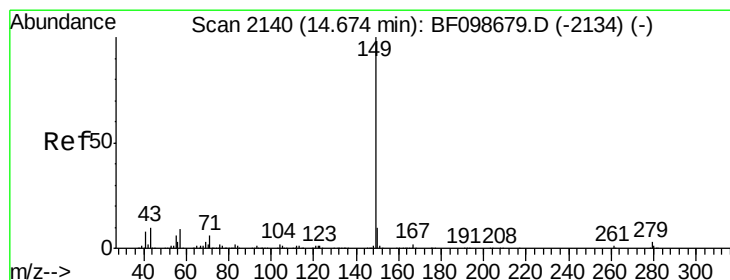
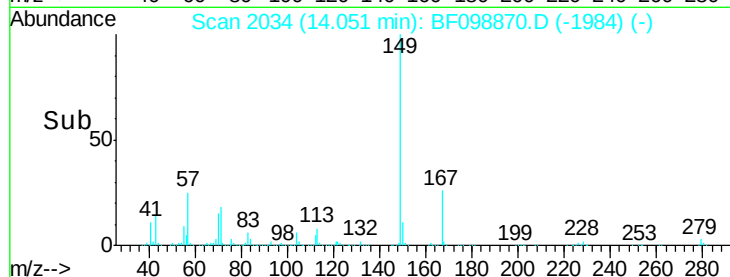
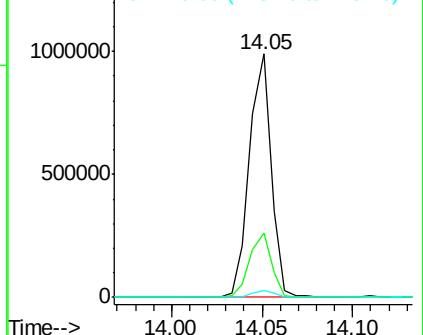
279 3.0 3.0 4.4



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: 39.86 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

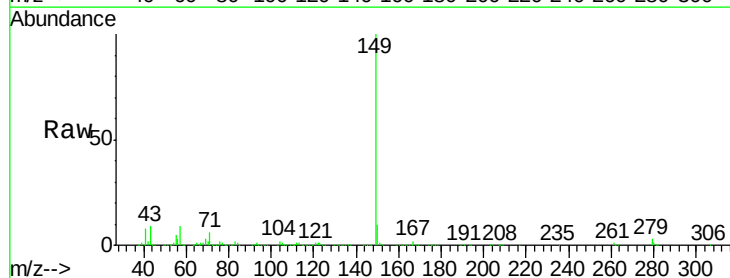
Tgt Ion:149 Resp: 1407675

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

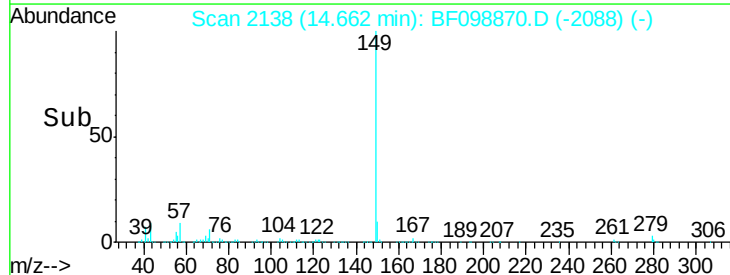
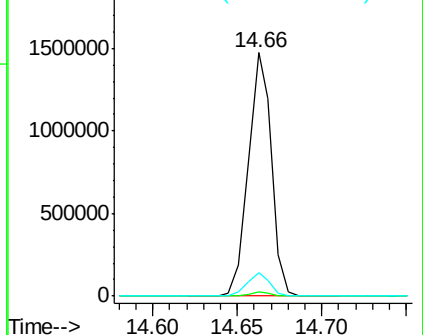
43 9.2 8.4 12.6

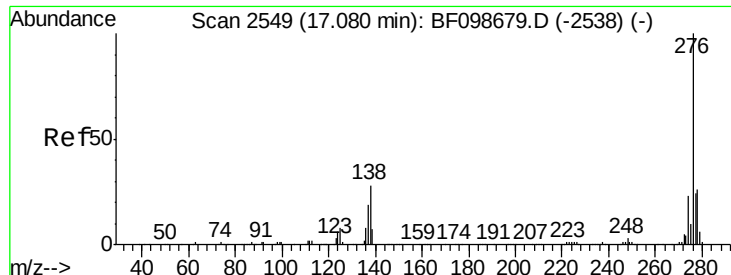


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

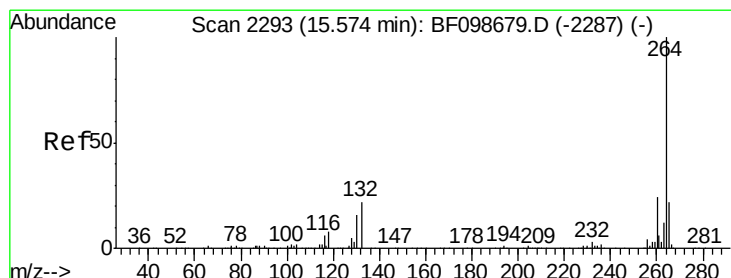
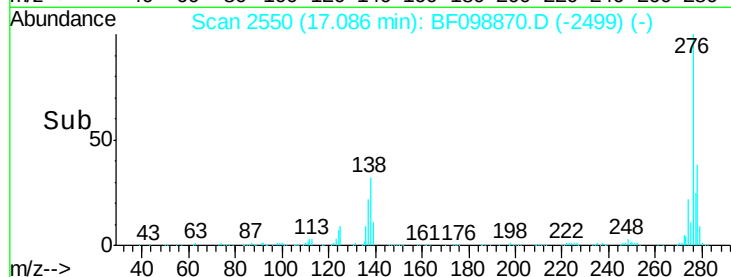
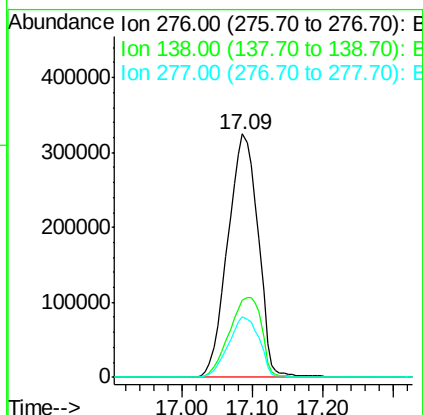
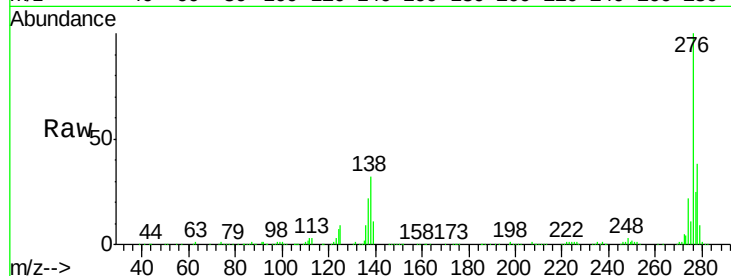




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.30 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

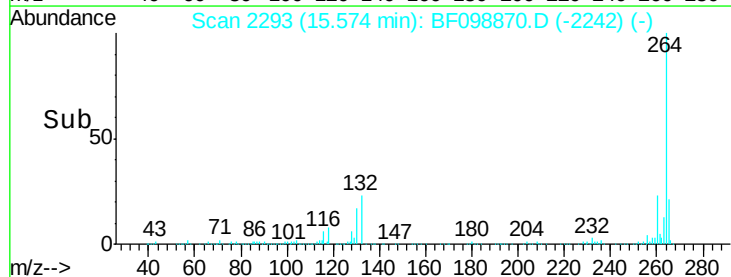
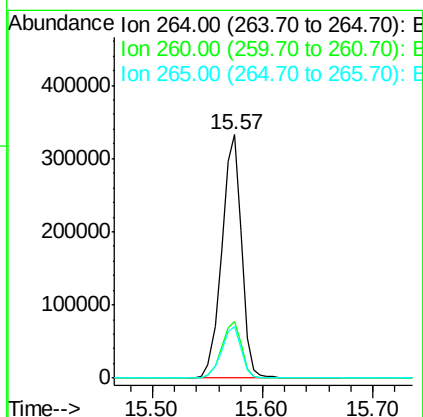
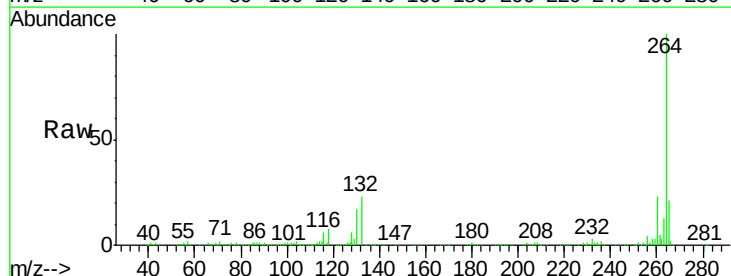
Instrument :
BNA_F
ClientSampleId :

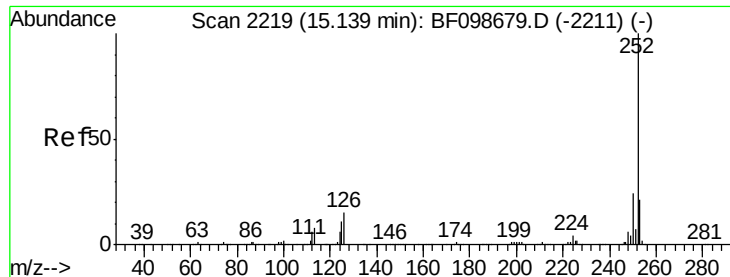
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

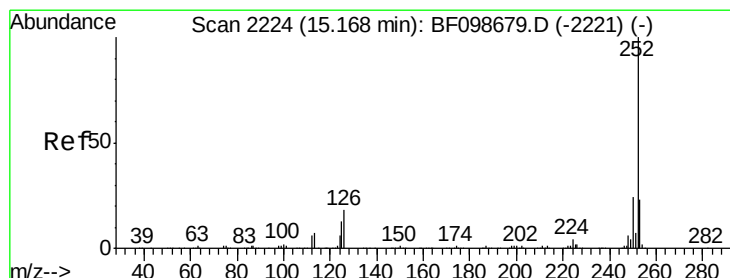
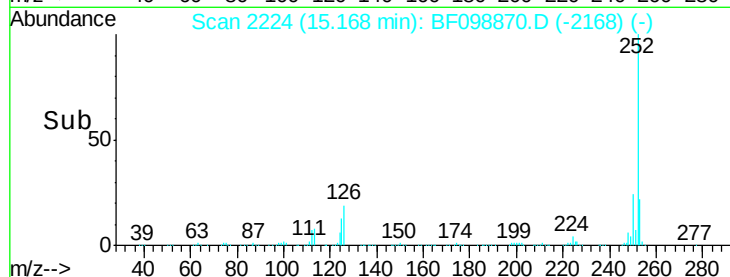
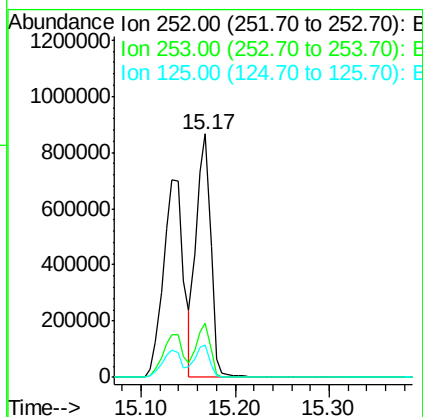
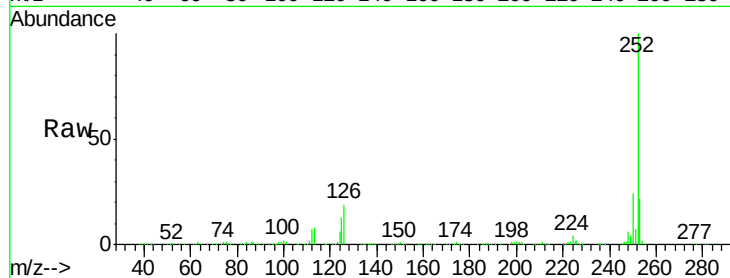




#87
Benzo(b)fluoranthene
Concen: 36.34 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.03 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

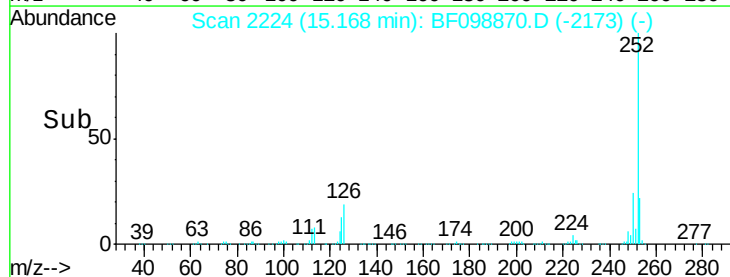
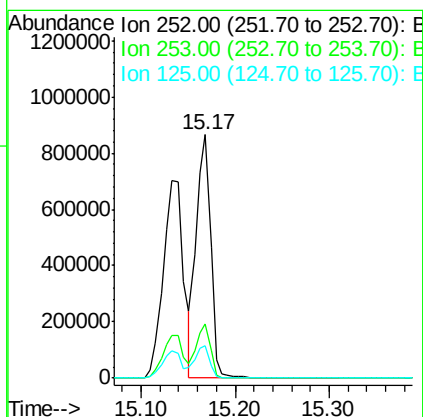
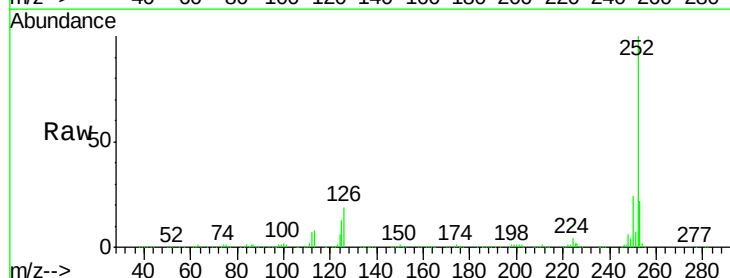
Instrument :
BNA_F
ClientSampled :

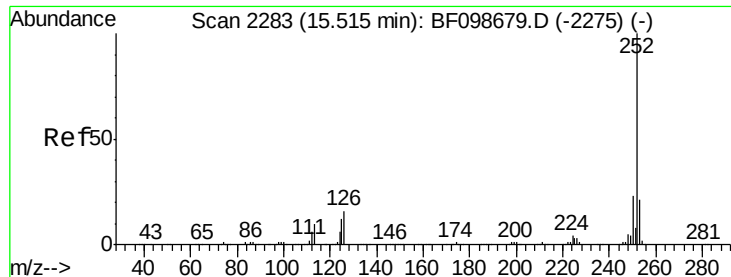
Tot Ion:252 Resp: 925912
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.79 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:252 Resp: 925912
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.2 10.2 15.2

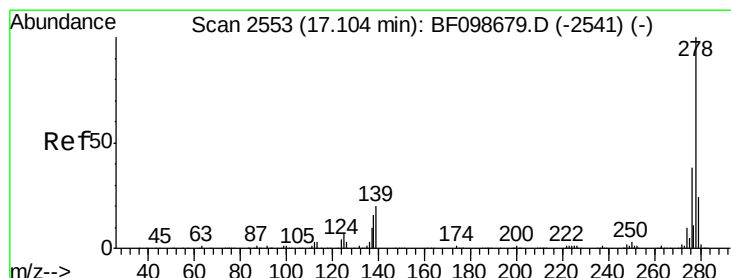
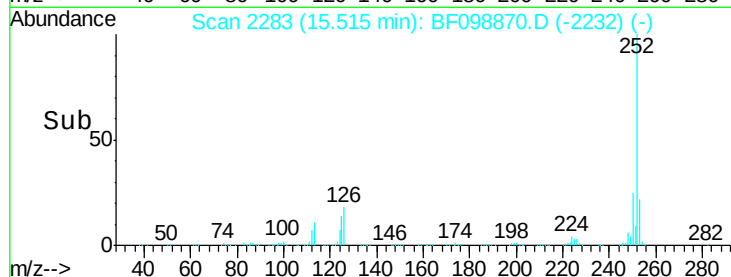
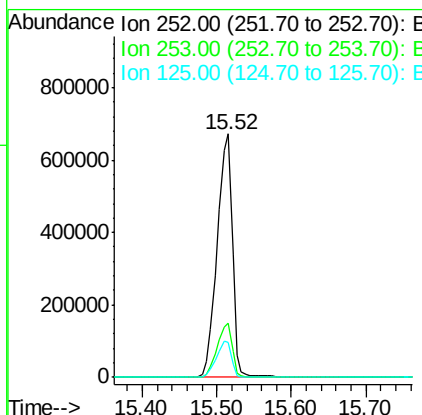
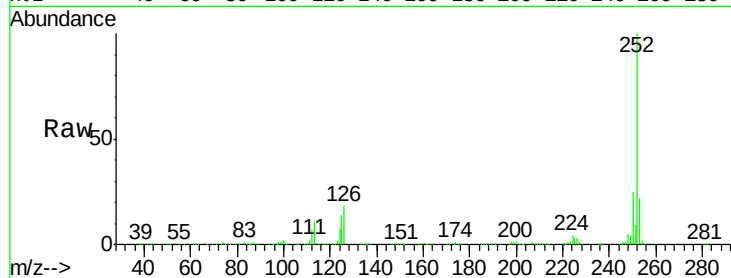




#89
Benzo(a)pyrene
Concen: 40.65 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

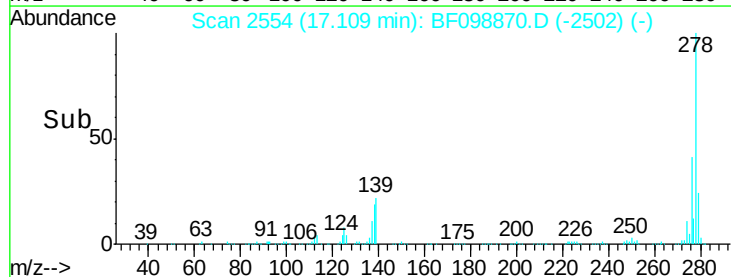
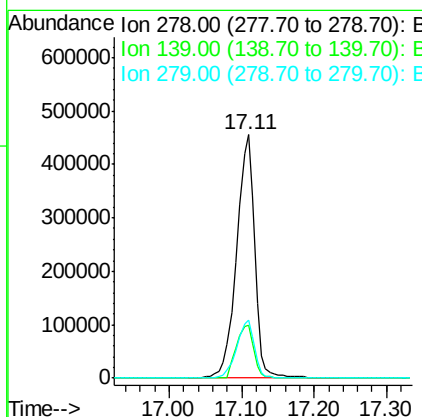
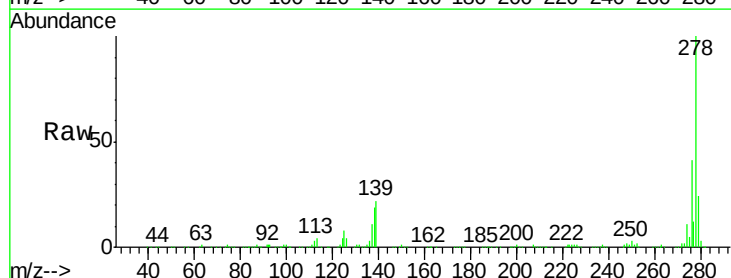
Instrument :
BNA_F
ClientSampleId :

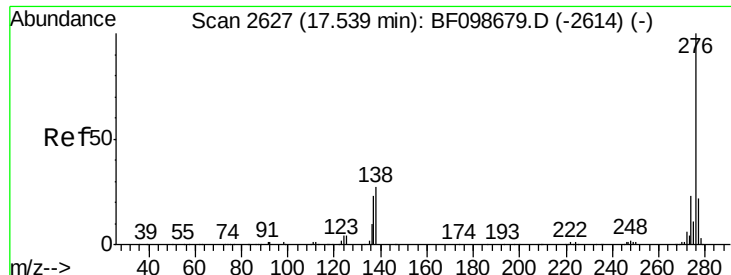
Tot Ion:252 Resp: 950798
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 14.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.62 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion:278 Resp: 797662
Ion Ratio Lower Upper
278 100
139 21.9 15.9 23.9
279 23.6 19.0 28.4

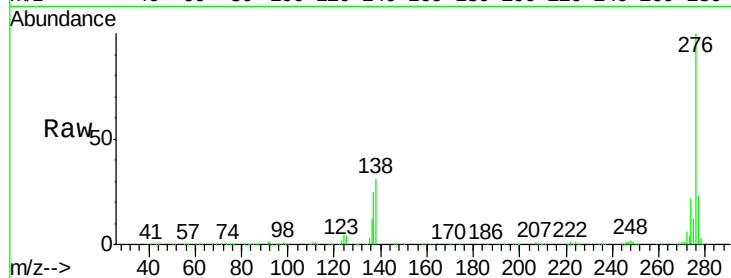




#91
 Benzo(a,h,i)perylene
 Concen: 43.74 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	30.8	21.8	32.8



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

