

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098910.D
 Acq On : 28 Sep 2017 15:58
 Operator : SJ/JU
 Sample : I5447-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:42:44 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	132782	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	534725	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	216727	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	318127	20.00	ng	0.00
75) Chrysene-d12	14.09	240	238977	20.00	ng	0.00
86) Perylene-d12	15.57	264	171954	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	968360	116.10	ng	0.00
7) Phenol-d6	6.55	99	1194703	116.11	ng	0.00
23) Nitrobenzene-d5	7.48	82	705463	84.61	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	181805	102.52	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1065282	82.06	ng	0.00
78) Terphenyl-d14	13.03	244	737512	70.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	127153	31.91	ng	98
3) Pyridine	3.53	79	371837	34.50	ng	97
4) n-Nitrosodimethylamine	3.48	42	184454	40.36	ng	99
6) Aniline	6.58	93	362015	26.07	ng	99
8) 2-Chlorophenol	6.70	128	371023	39.28	ng	98
9) Benzaldehyde	6.47	77	80121	13.42	ng	97
10) Phenol	6.56	94	488298	42.43	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	377472	42.19	ng	100
12) 1,3-Dichlorobenzene	6.86	146	367344	37.13	ng	98
13) 1,4-Dichlorobenzene	6.93	146	375639	37.32	ng	100
14) 1,2-Dichlorobenzene	7.09	146	351371	37.78	ng	97
15) Benzyl Alcohol	7.06	79	315748	41.83	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	543261	38.98	ng	98
17) 2-Methylphenol	7.17	107	308882	39.96	ng	99
18) Hexachloroethane	7.43	117	110925	30.66	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	243858	37.12	ng	99
20) 3+4-Methylphenols	7.32	107	378153	38.68	ng	# 74
22) Acetophenone	7.33	105	491895	37.97	ng	# 98
24) Nitrobenzene	7.50	77	384159	40.62	ng	95
25) Isophorone	7.74	82	671184	38.93	ng	99
26) 2-Nitrophenol	7.82	139	164473	36.16	ng	95
27) 2,4-Dimethylphenol	7.85	122	317619	36.98	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	436260	40.61	ng	99
29) 2,4-Dichlorophenol	8.06	162	290831	39.44	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	287293	38.95	ng	98
31) Naphthalene	8.22	128	987103	39.30	ng	100
32) Benzoic acid	7.91	122	19517	2.77	ng	98
33) 4-Chloroaniline	8.27	127	285659	27.24	ng	99
34) Hexachlorobutadiene	8.33	225	141407	37.22	ng	99
35) Caprolactam	8.63	113	90532	38.27	ng	94
36) 4-Chloro-3-methylphenol	8.74	107	304640	36.75	ng	98
37) 2-Methylnaphthalene	8.91	142	656348	40.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	251306	38.88	ng	99
40) Hexachlorocyclopentadiene	9.06	237	42746	14.47	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

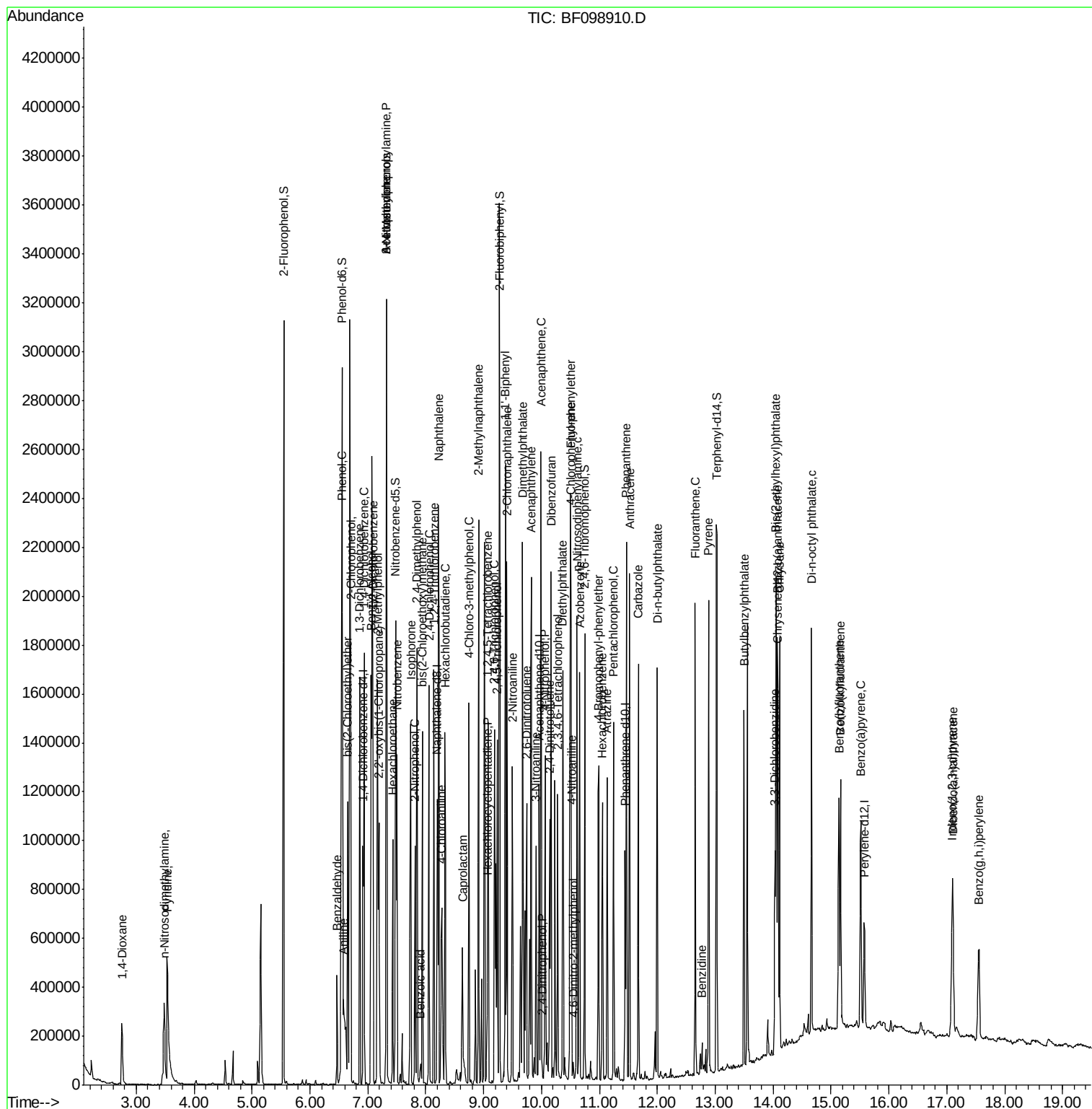
42) 2,4,6-Trichlorophenol	9.19	196	185109	40.43	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	185649	40.62	nq	96
45) 1,1'-Biphenyl	9.37	154	737090	39.57	nq	99
46) 2-Chloronaphthalene	9.40	162	574525	41.08	nq	98
47) 2-Nitroaniline	9.50	65	198147	46.27	nq	99
48) Acenaphthylene	9.82	152	828582	38.70	nq	100
49) Dimethylphthalate	9.67	163	899799	55.01	nq	100
50) 2,6-Dinitrotoluene	9.74	165	139131	39.07	nq	93
51) Acenaphthene	9.99	154	492392	36.31	nq	100
52) 3-Nitroaniline	9.91	138	155589	37.47	nq	89
53) 2,4-Dinitrophenol	10.01	184	4581	8.12	nq	# 81
54) Dibenzofuran	10.16	168	740608	41.02	nq	99
55) 4-Nitrophenol	10.06	139	224250	63.87	nq	98
56) 2,4-Dinitrotoluene	10.14	165	165824	35.88	nq	100
57) Fluorene	10.50	166	543535	37.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	125595	39.78	nq	97
59) Diethylphthalate	10.37	149	646391	40.44	nq	100
60) 4-Chlorophenyl-phenylether	10.49	204	256195	39.30	nq	99
61) 4-Nitroaniline	10.52	138	148958	37.18	nq	92
62) Azobenzene	10.66	77	584604	39.78	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	6374	3.29	nq	94
65) n-Nitrosodiphenylamine	10.62	169	493519	44.78	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	136698	43.90	nq	94
67) Hexachlorobenzene	11.05	284	129191	38.84	nq	95
68) Atrazine	11.13	200	138054	41.63	nq	99
69) Pentachlorophenol	11.24	266	135609	65.52	nq	99
70) Phenanthrene	11.47	178	723121	42.47	nq	99
71) Anthracene	11.52	178	728462	41.81	nq	99
72) Carbazole	11.67	167	659958	38.68	nq	100
73) Di-n-butylphthalate	12.00	149	865809	42.16	nq	99
74) Fluoranthene	12.66	202	726655	42.14	nq	99
76) Benzidine	12.77	184	47703	5.40	nq	98
77) Pyrene	12.89	202	743792	40.82	nq	100
79) Butylbenzylphthalate	13.50	149	341943	39.93	nq	95
80) Benzo(a)anthracene	14.07	228	595490	41.15	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	149133	28.11	nq	97
82) Chrysene	14.11	228	563864	40.93	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	498048	42.23	nq	# 99
84) Di-n-octyl phthalate	14.66	149	831358	43.78	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	367262	33.33	nq	97
87) Benzo(b)fluoranthene	15.14	252	463181	43.81	nq	98
88) Benzo(k)fluoranthene	15.17	252	428758	41.06	nq	99
89) Benzo(a)pyrene	15.52	252	399894	41.21	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	304388	39.19	nq	97
91) Benzo(g,h,i)perylene	17.56	276	297391	38.74	nq	96

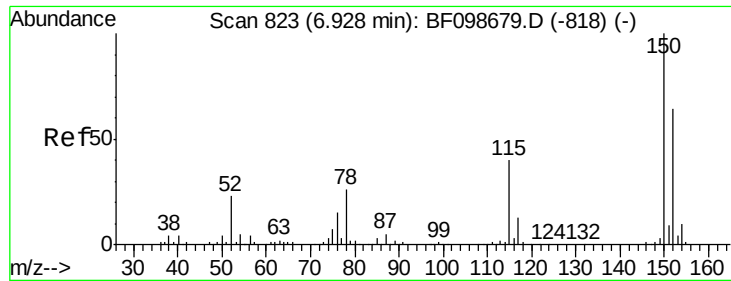
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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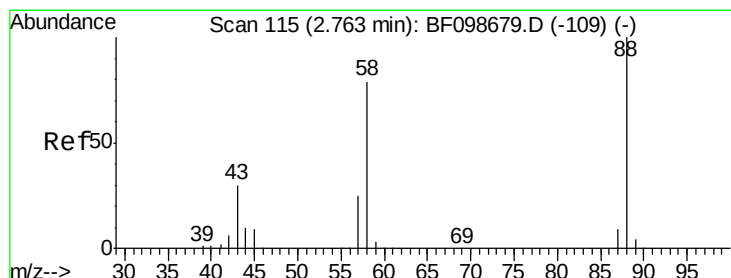
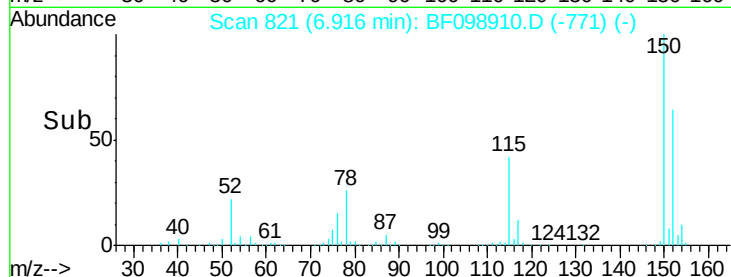
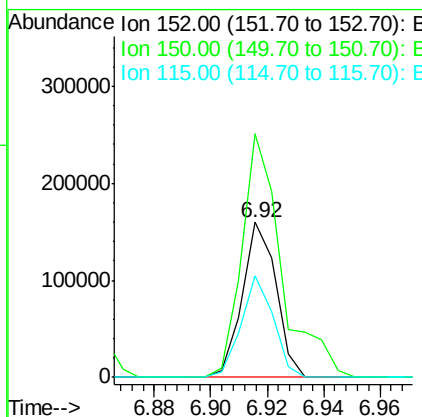
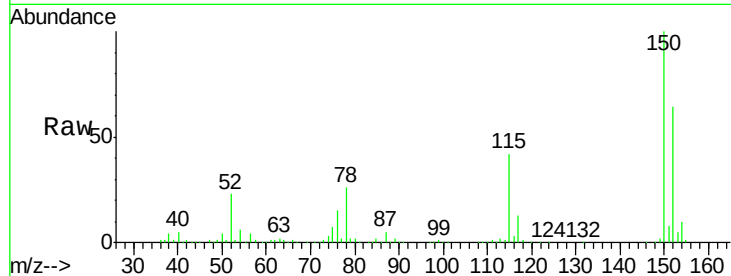


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :

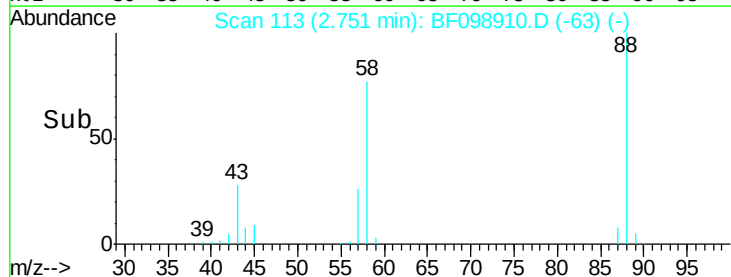
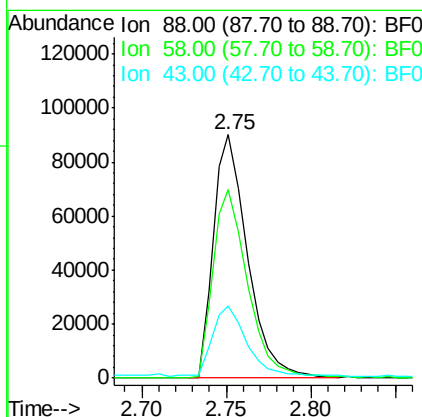
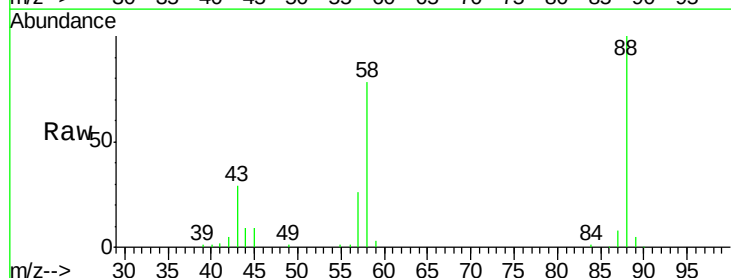
Tot Ion:152 Resp: 132782
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 65.6 50.1 75.1

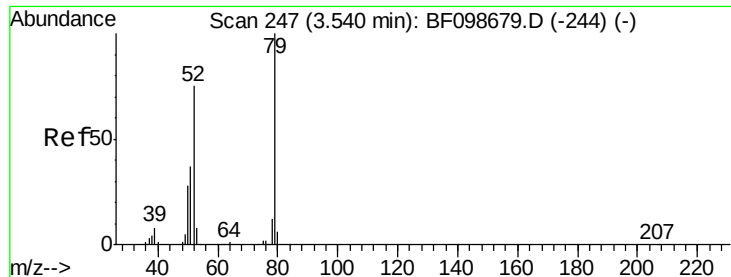


#2

1,4-Dioxane
Concen: 31.91 ng
RT: 2.75 min Scan# 113
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion: 88 Resp: 127153
Ion Ratio Lower Upper
88 100
58 79.1 62.6 93.8
43 28.8 24.6 37.0

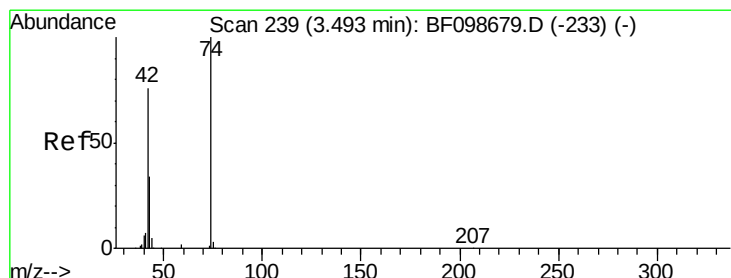
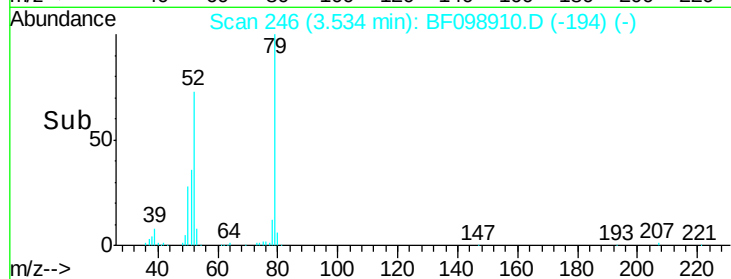
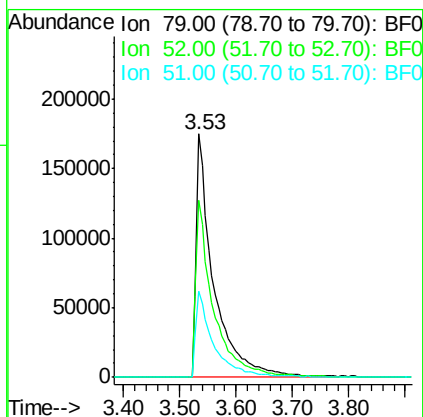
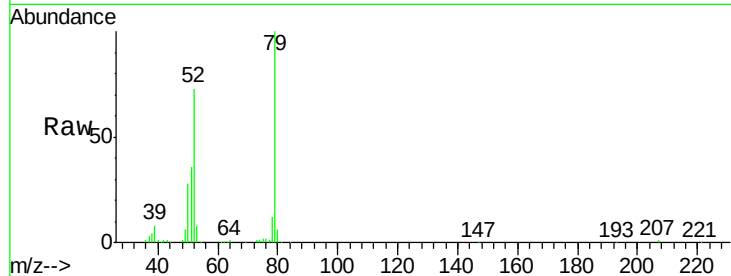




#3
 Pvridine
 Concen: 34.50 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

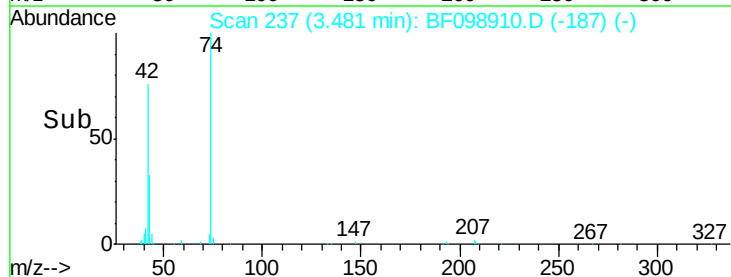
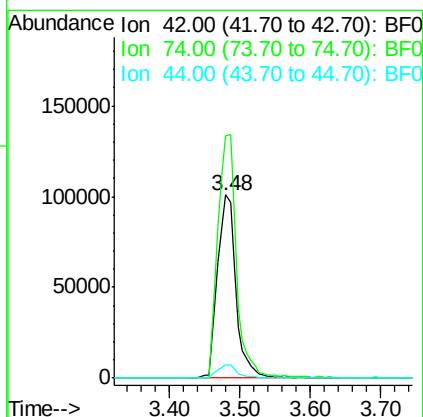
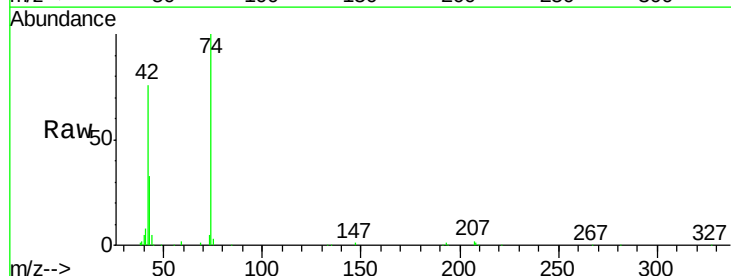
Instrument :
 BNA_F
 ClientSampled :

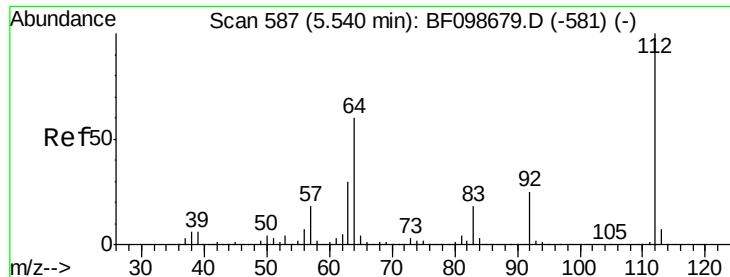
Tot Ion	Ratio	Lower	Upper
79	100		
52	72.5	59.8	89.6
51	35.7	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.36 ng
 RT: 3.48 min Scan# 237
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.1	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 116.10 ng

RT: 5.55 min Scan# 588

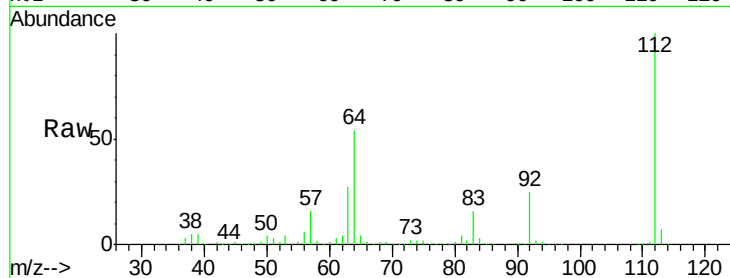
Delta R.T. 0.01 min

Lab File: BF098910.D

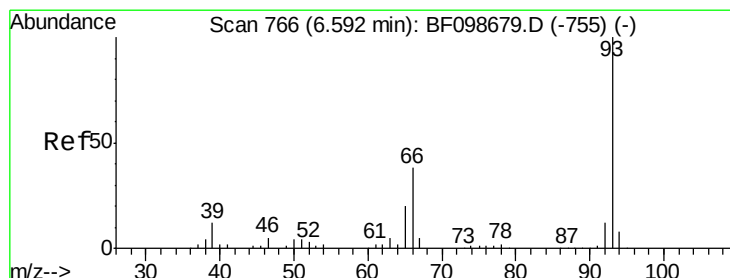
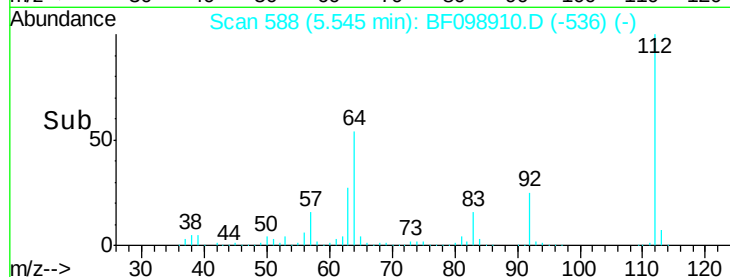
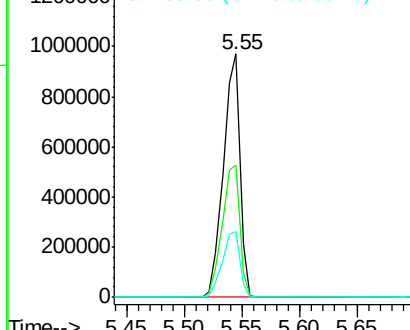
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	968360
Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	27.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.07 ng

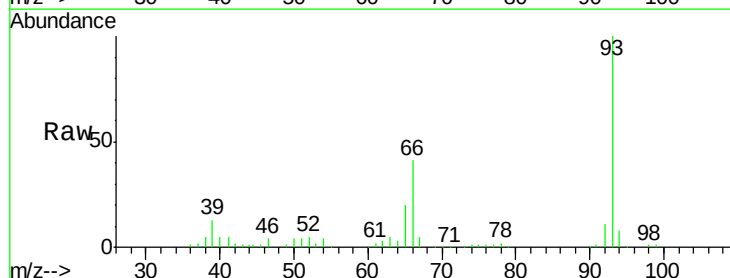
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

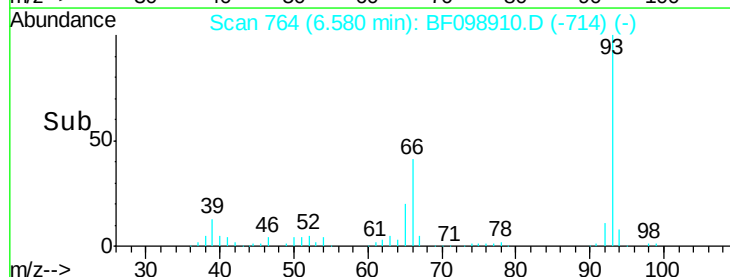
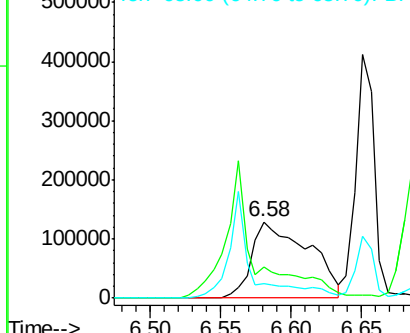
Lab File: BF098910.D

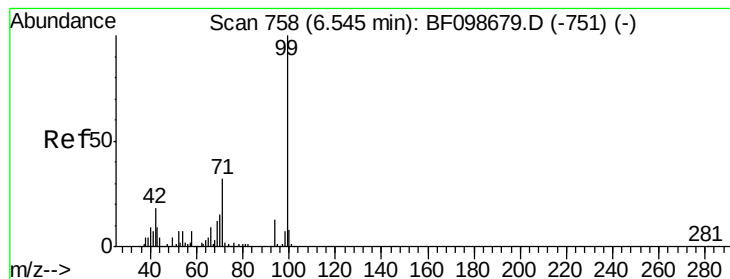
Acq: 28 Sep 2017 15:58

Tgt Ion:	93	Resp:	362015
Ion	Ratio	Lower	Upper
93	100		
66	40.5	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: 116.11 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampled :

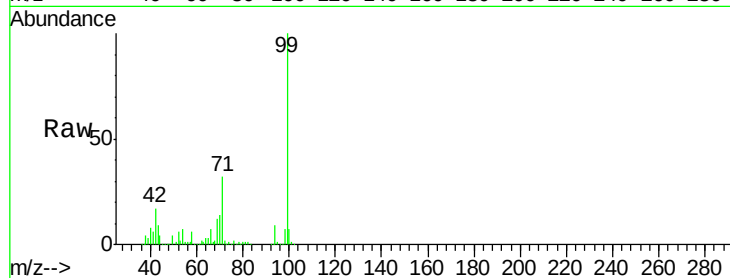
Tot Ion: 99 Resp: 1194703

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

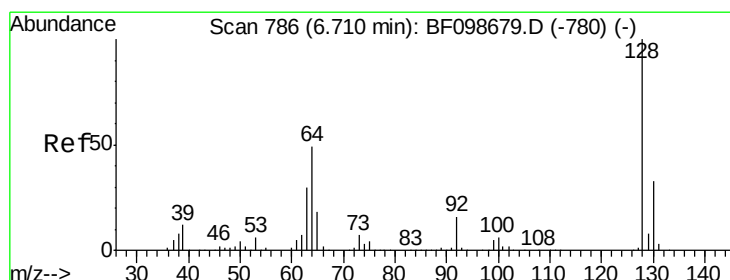
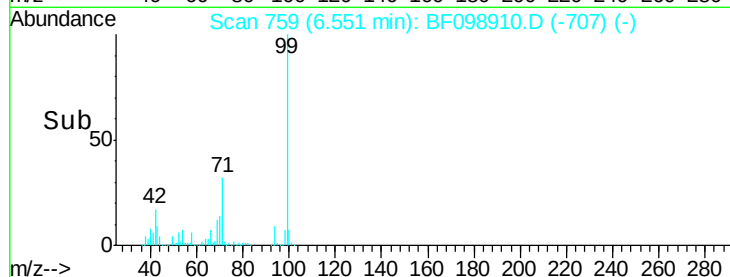
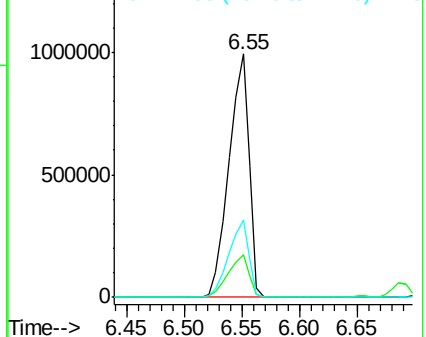
71 31.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.28 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

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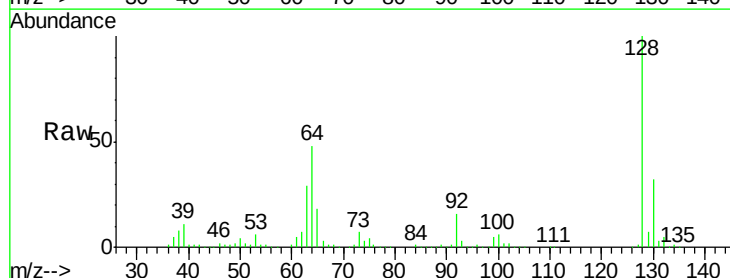
Tgt Ion: 128 Resp: 371023

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

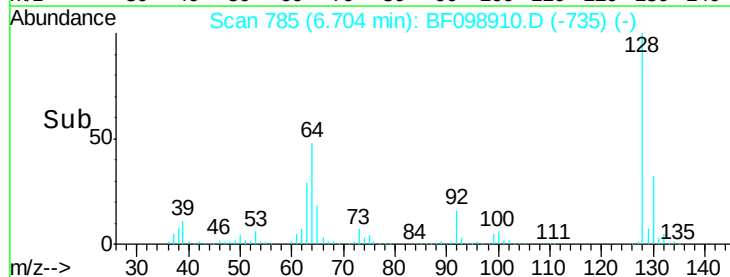
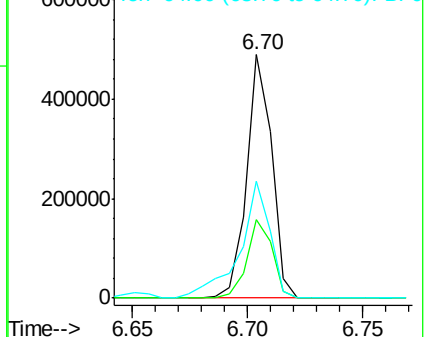
64 48.1 29.4 69.4

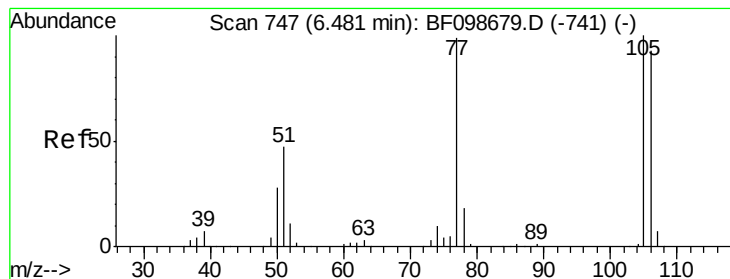


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.42 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098910.D

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ClientSampleId :

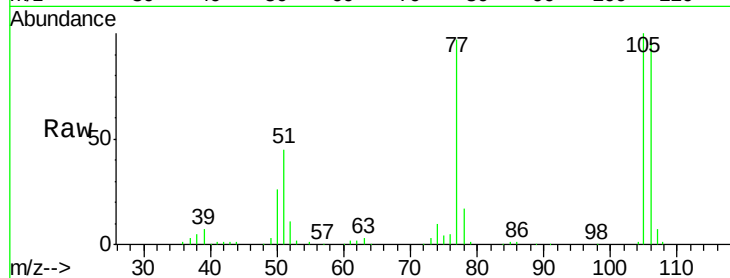
Tot Ion: 77 Resp: 80121

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

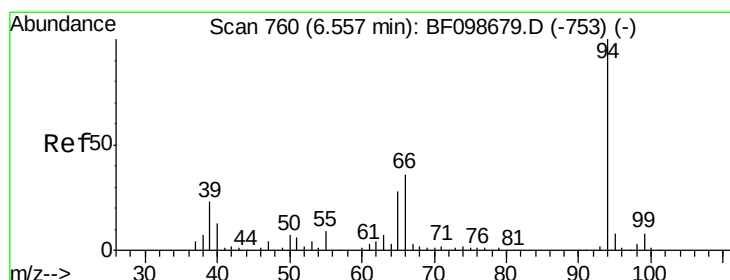
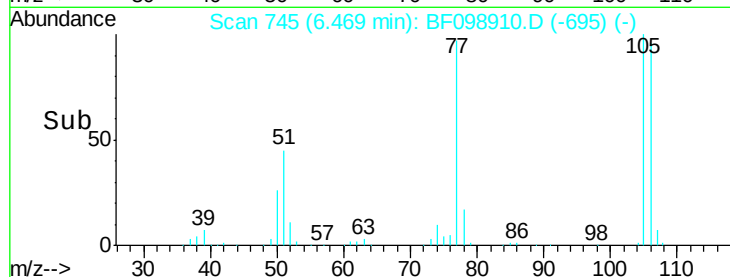
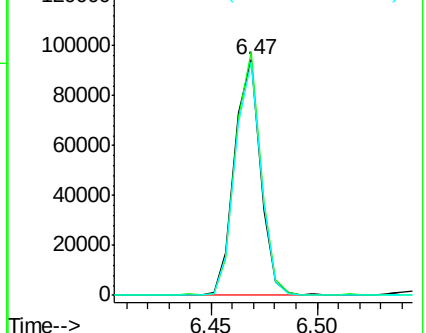
106 98.8 74.5 114.5



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: 42.43 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

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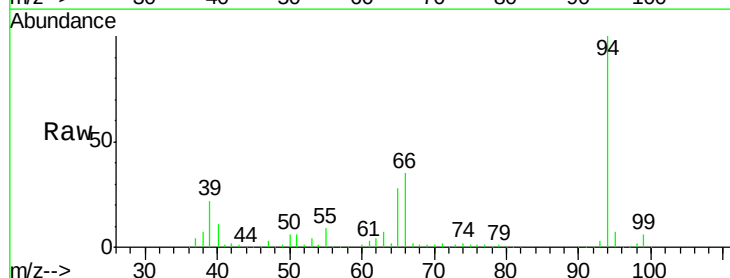
Tgt Ion: 94 Resp: 488298

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

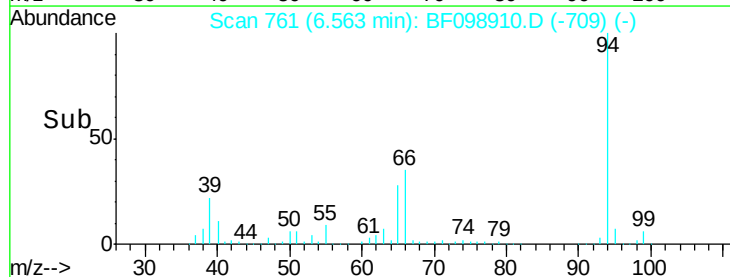
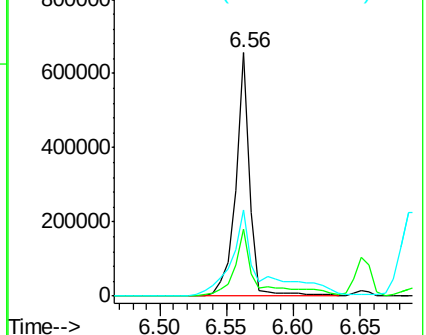
66 35.3 16.2 56.2

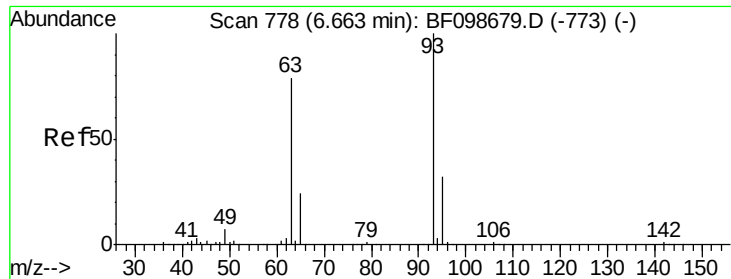


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.19 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

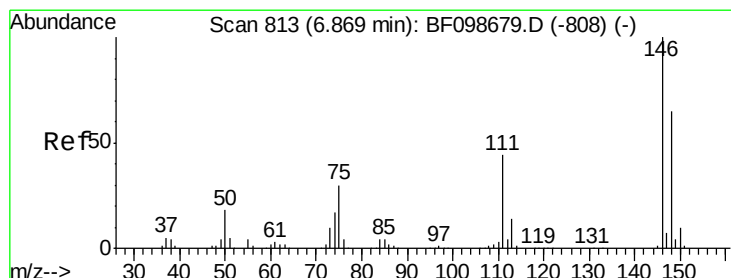
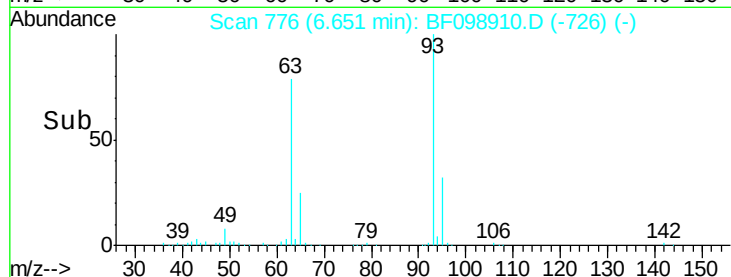
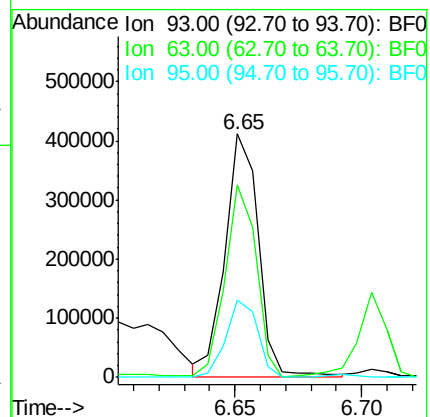
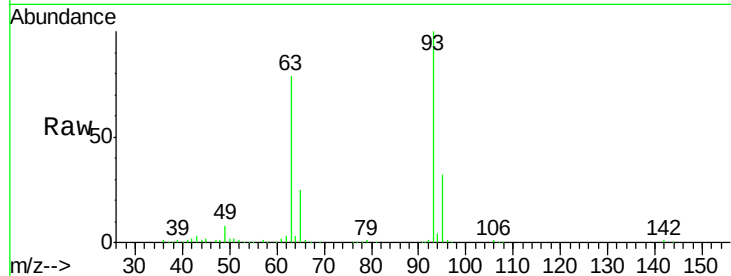
Tot Ion: 93 Resp: 377472

Ion Ratio Lower Upper

93 100

63 79.1 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.13 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

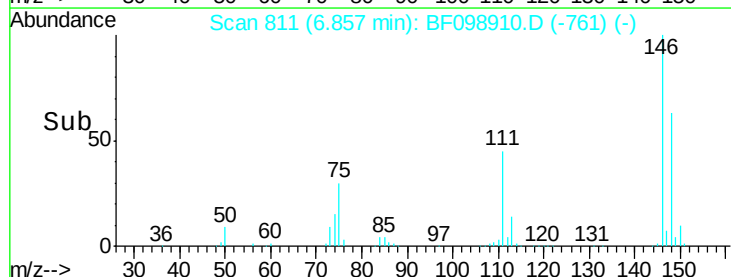
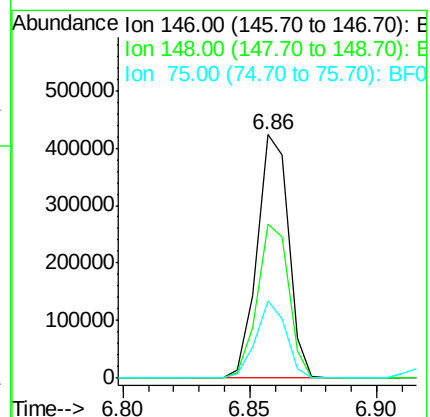
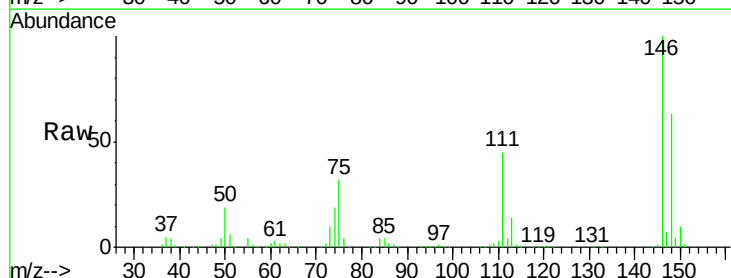
Tgt Ion: 146 Resp: 367344

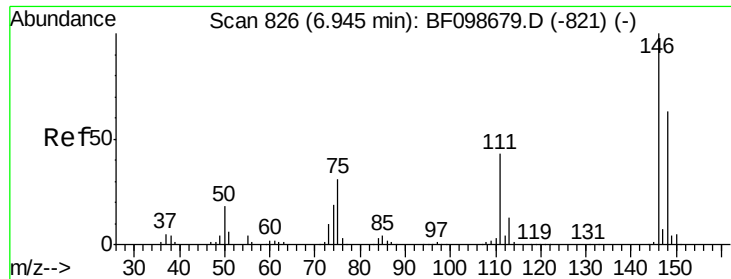
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

75 31.7 24.2 36.4

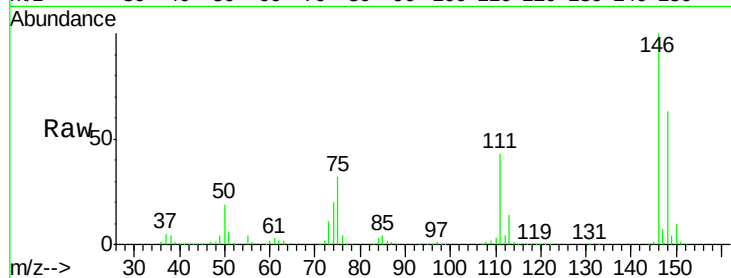




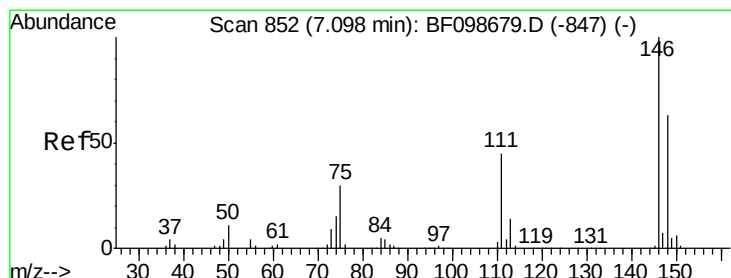
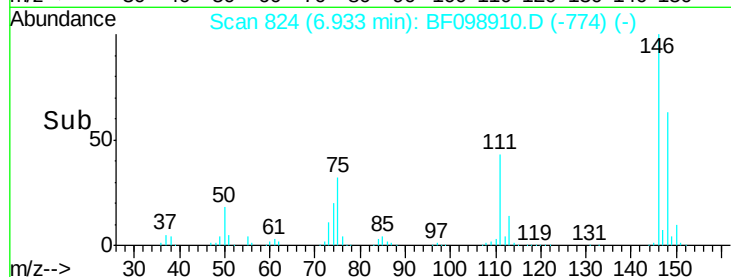
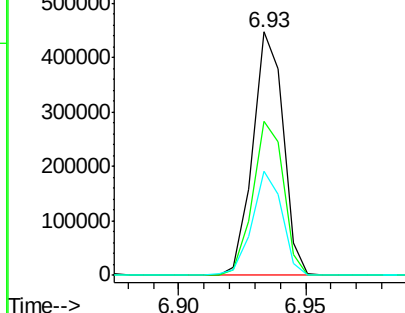
#13
 1,4-Dichlorobenzene
 Concen: 37.32 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 375639
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 42.8 34.2 51.2

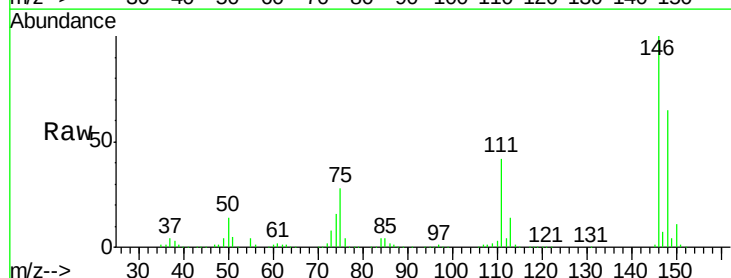


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

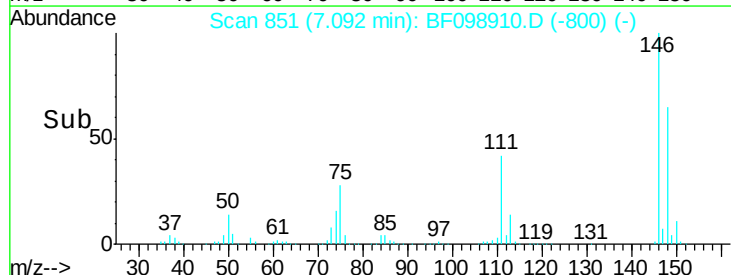
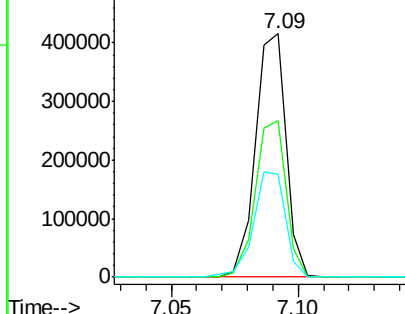


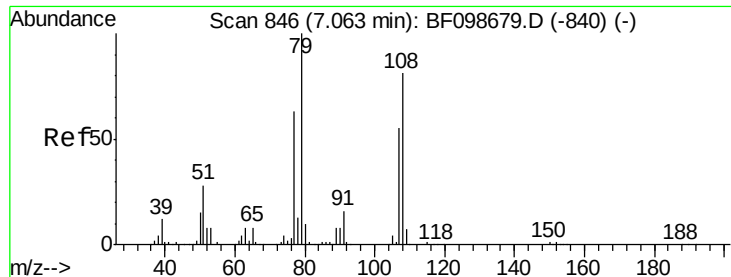
#14
 1,2-Dichlorobenzene
 Concen: 37.78 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:146 Resp: 351371
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 42.5 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 41.83 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

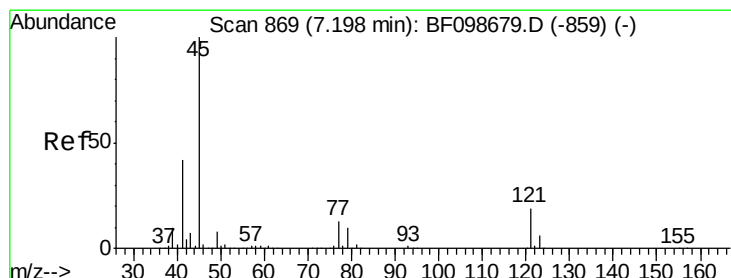
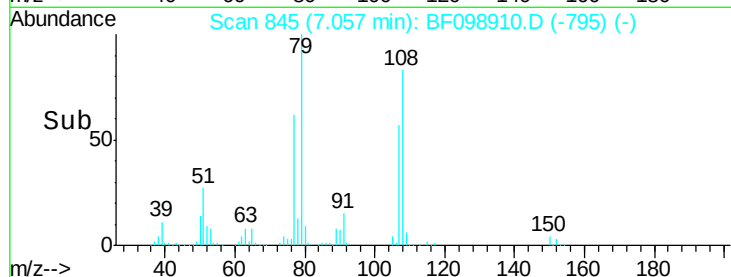
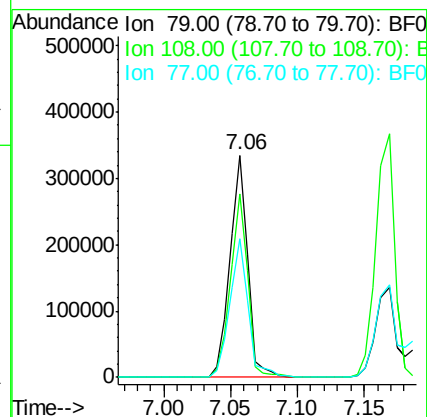
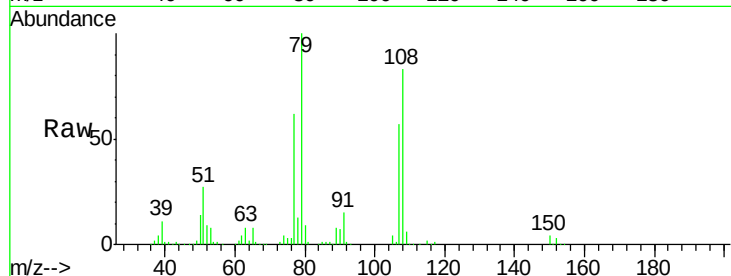
Tot Ion: 79 Resp: 315748

Ion Ratio Lower Upper

79 100

108 82.6 65.1 97.7

77 62.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.98 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

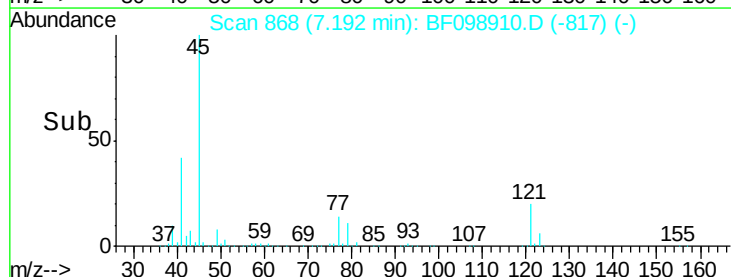
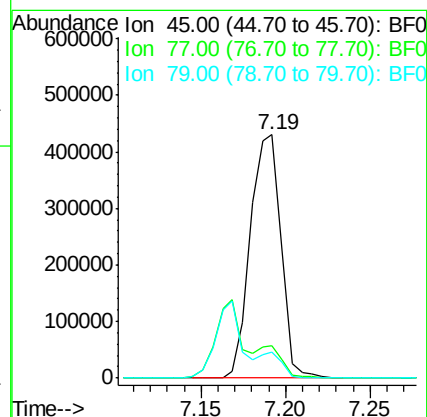
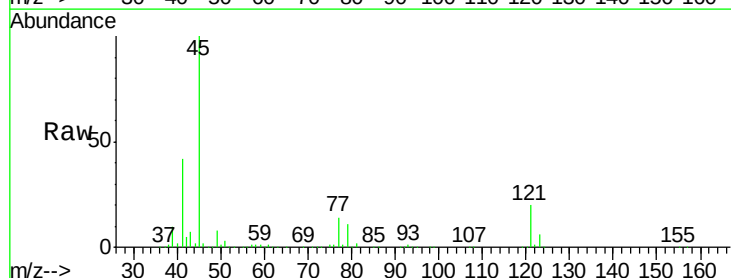
Tgt Ion: 45 Resp: 543261

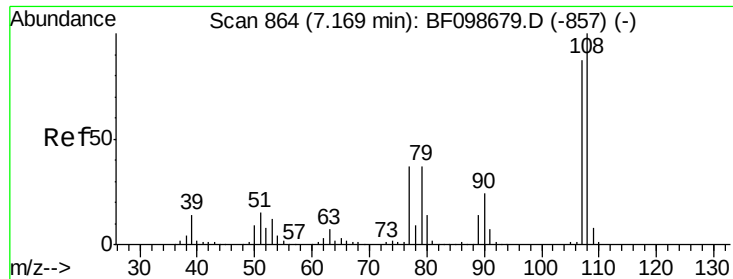
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.9 0.0 29.6

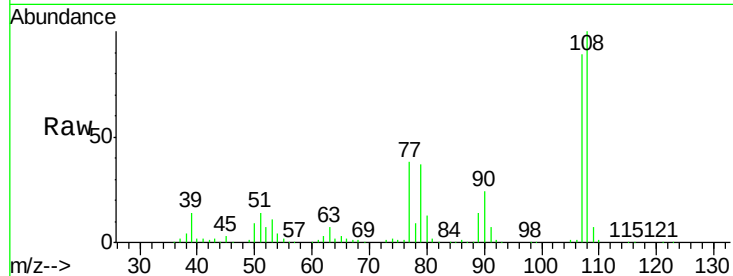




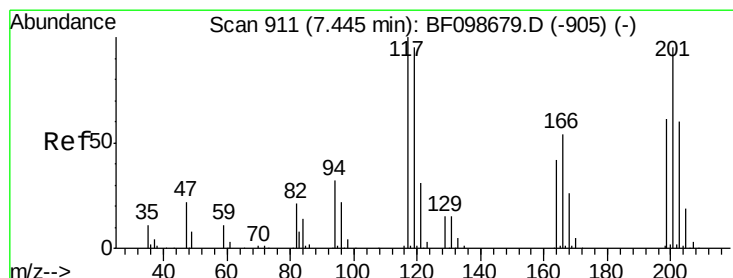
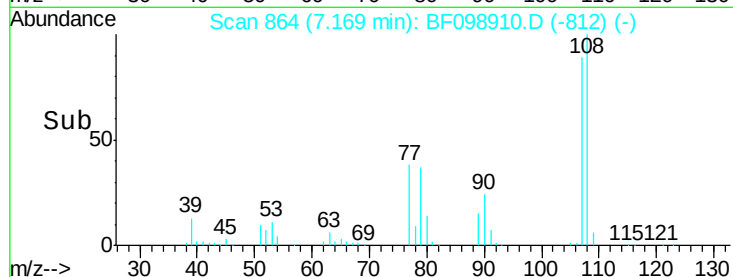
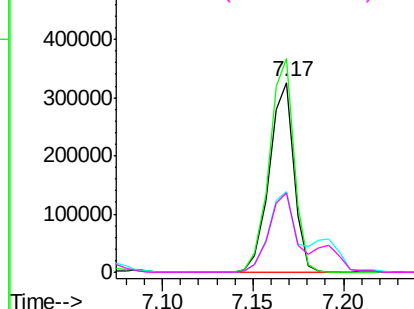
#17
2-Methylphenol
Concen: 39.96 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 308882
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 42.6 33.8 50.8
79 41.7 33.8 50.8

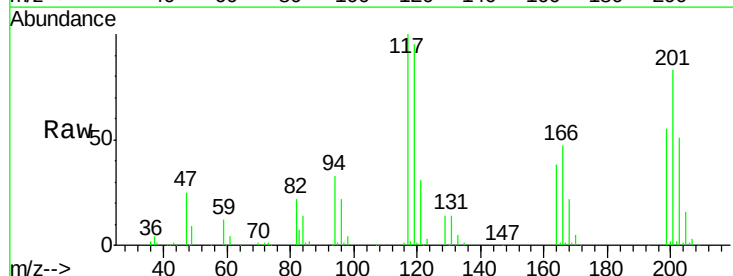


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

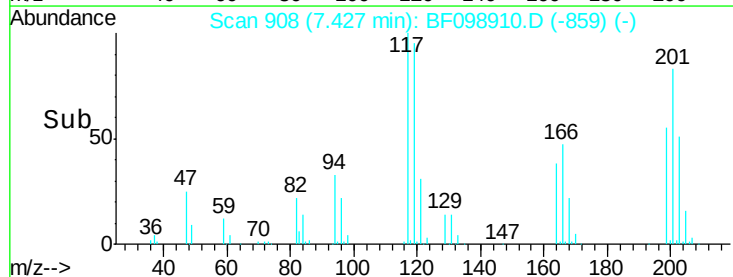
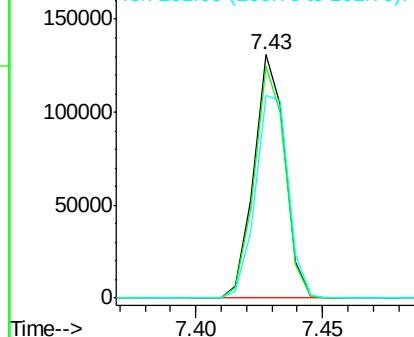


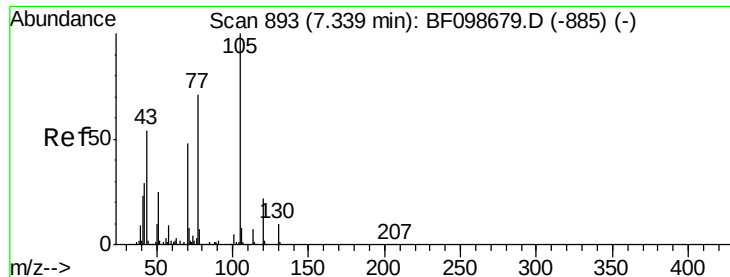
#18
Hexachloroethane
Concen: 30.66 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:117 Resp: 110925
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 83.1 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

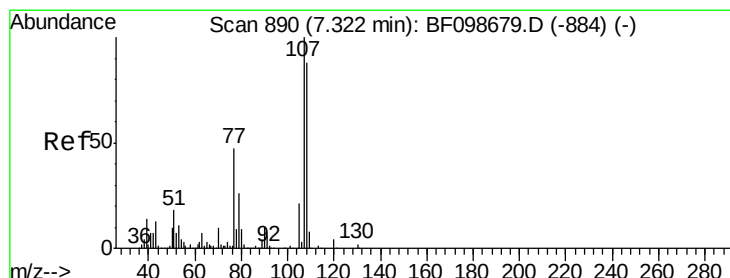
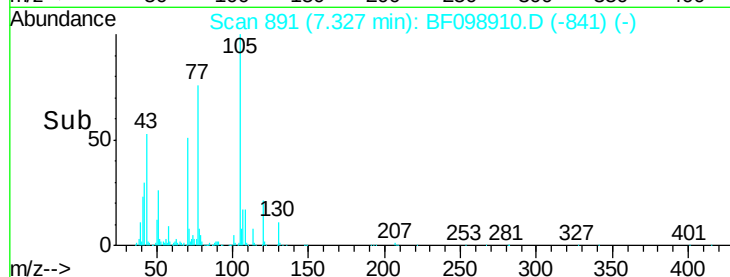
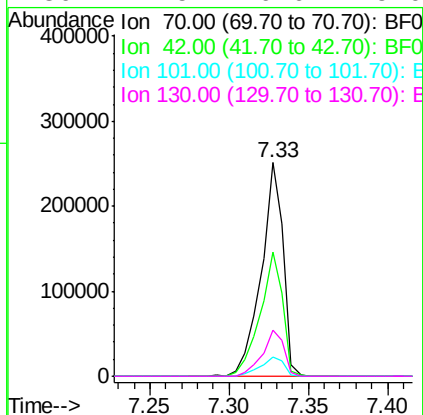
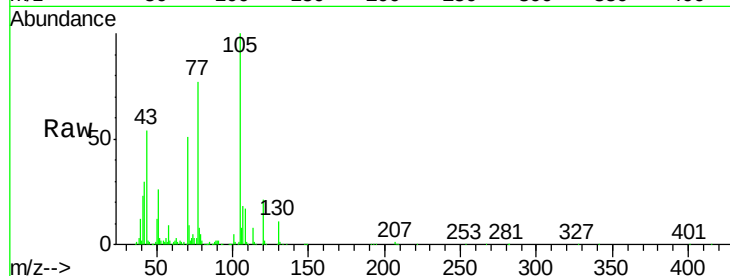




#19
n-Nitroso-di-n-propylamine
Concen: 37.12 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

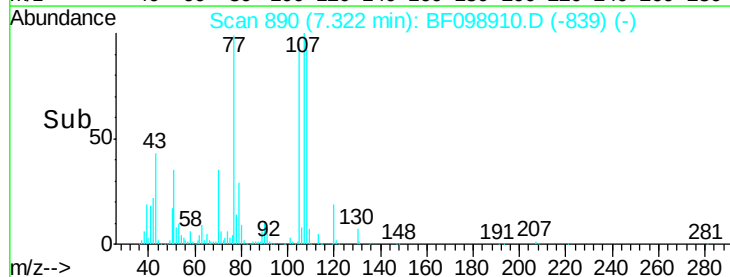
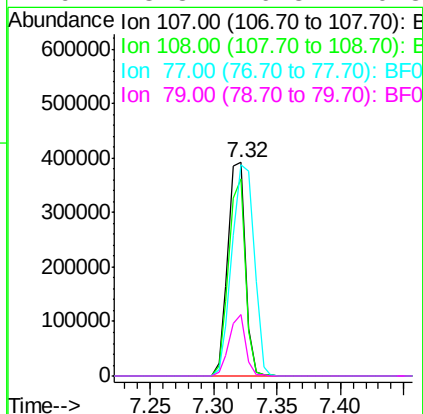
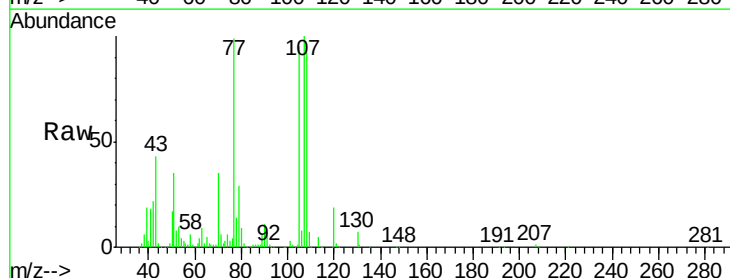
Instrument :
BNA_F
ClientSampleId :

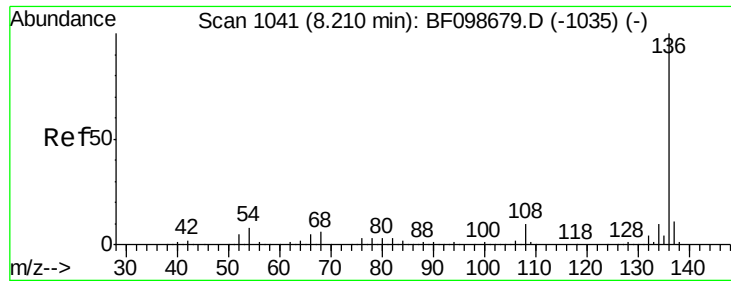
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.5	71.3
101	9.3	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.68 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	99.1	26.7	66.7#
79	28.8	6.3	46.3

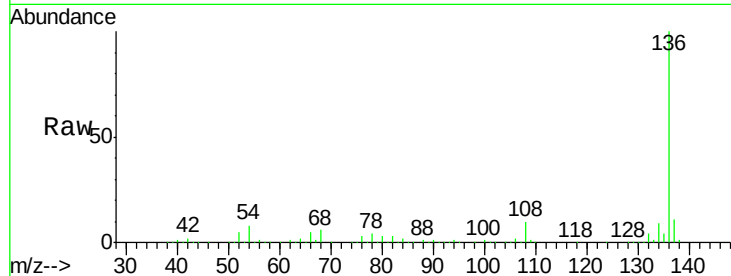




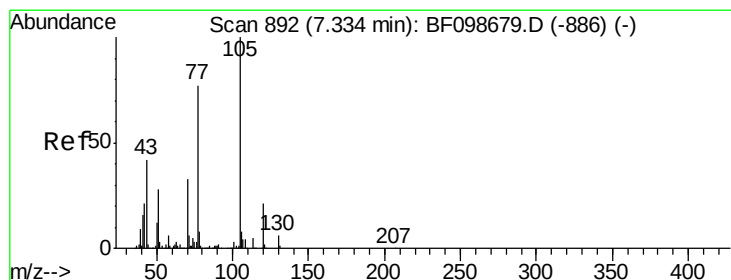
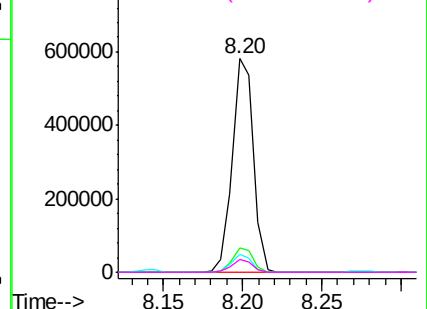
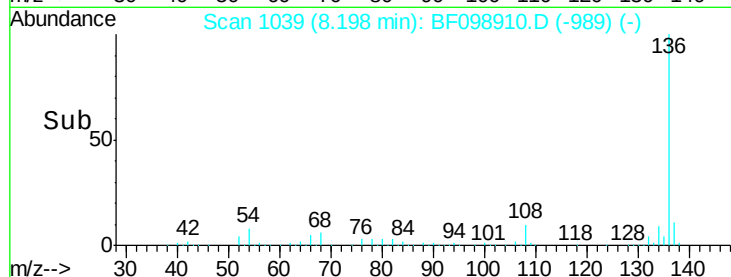
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	534725
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.3	6.6 9.8
68	6.1	5.0 7.4

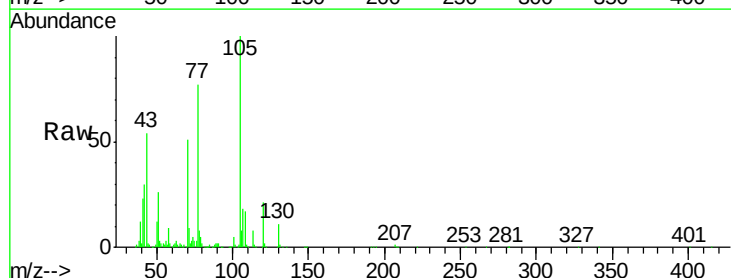


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

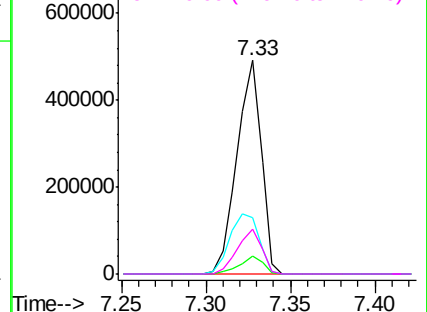
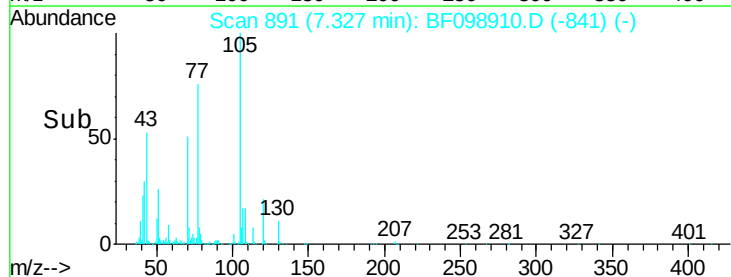


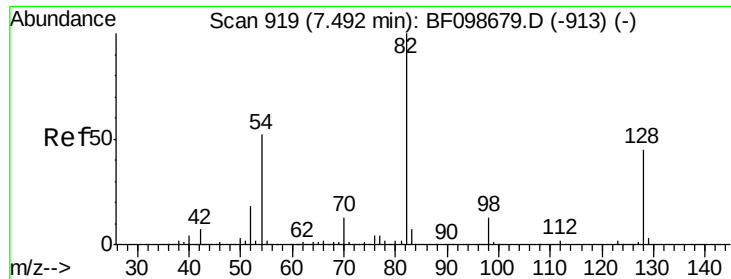
#22
Acetophenone
Concen: 37.97 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:105	Resp:	491895
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	26.5	22.3 33.5
120	21.2	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

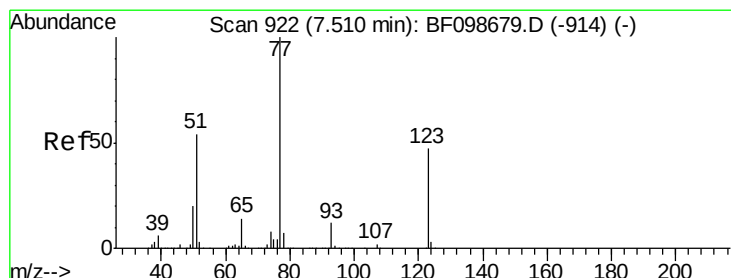
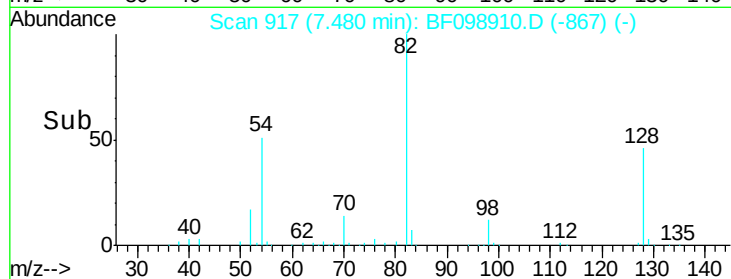
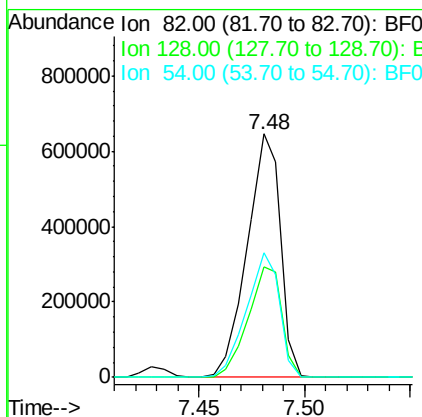
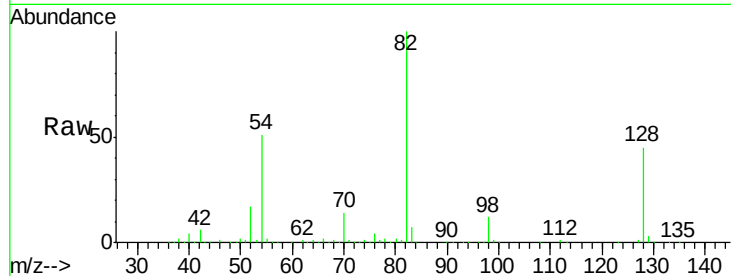




#23
 Nitrobenzene-d5
 Concen: 84.61 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

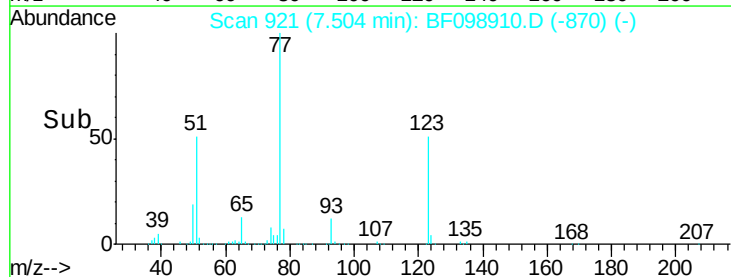
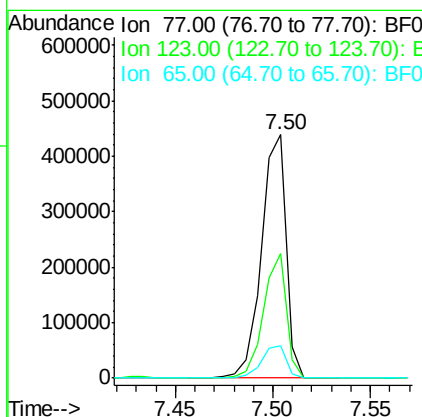
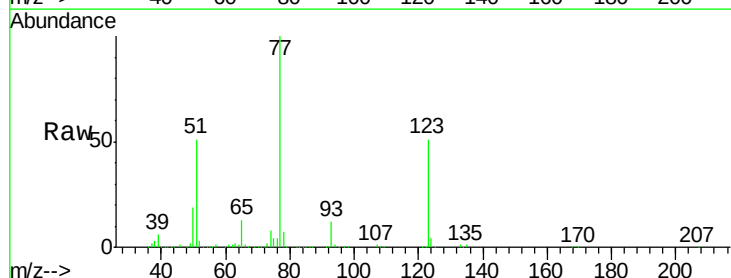
Instrument :
 BNA_F
 ClientSampled :

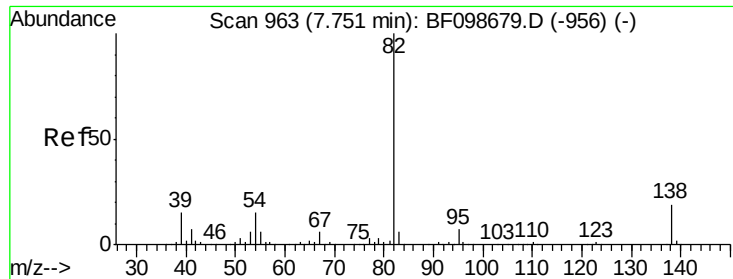
Tot Ion	82	Resp	705463
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	51.4	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.62 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	77	Resp	384159
Ion Ratio	Lower	Upper	
77	100		
123	51.3	37.9	56.9
65	13.2	11.0	16.4

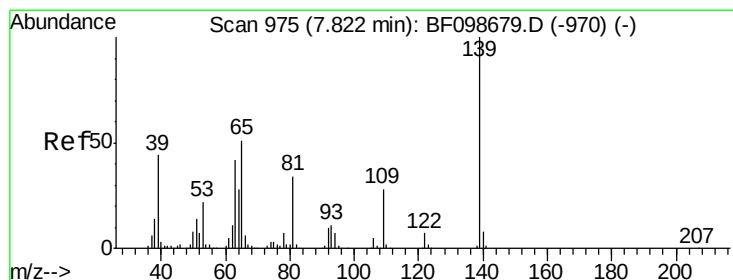
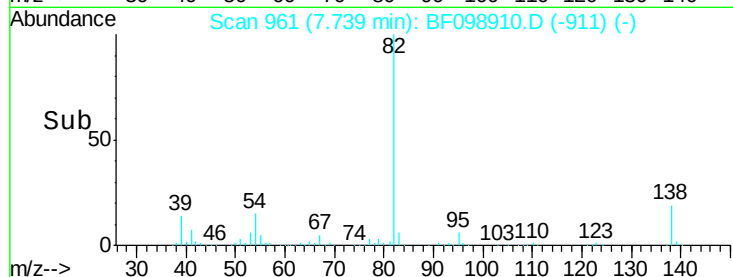
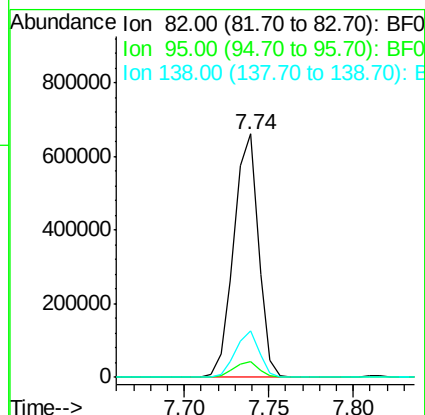
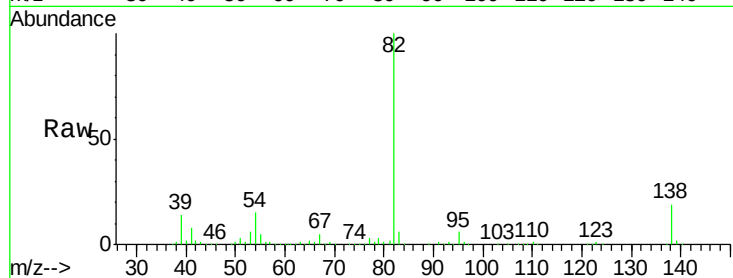




#25
Isophorone
Concen: 38.93 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

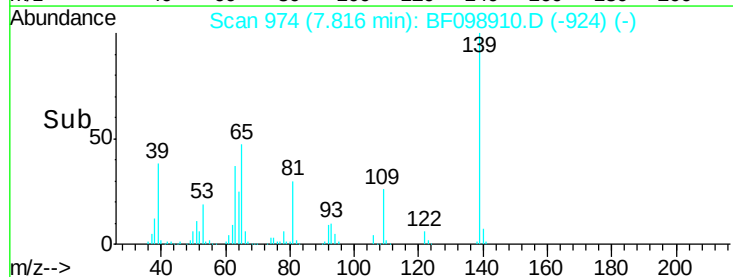
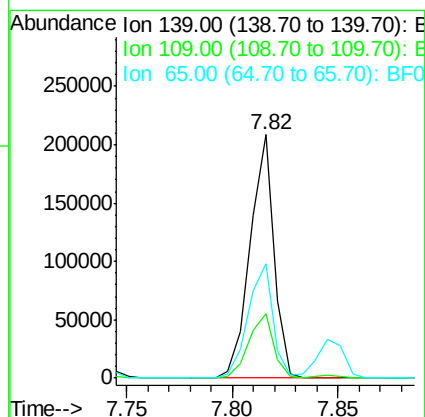
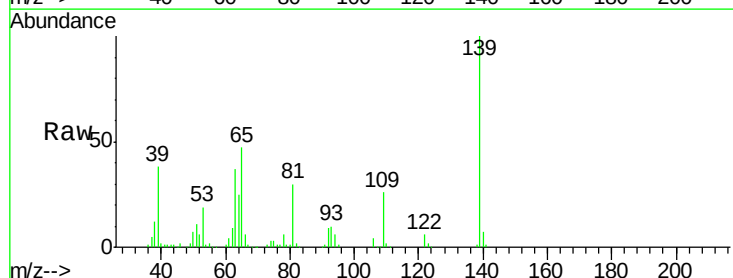
Instrument :
BNA_F
ClientSampleId :

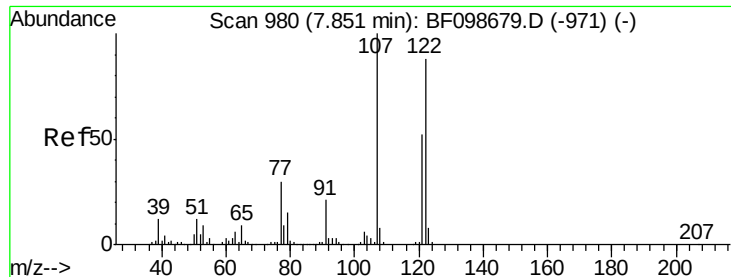
Tot Ion: 82 Resp: 671184
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 36.16 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion: 139 Resp: 164473
Ion Ratio Lower Upper
139 100
109 26.4 22.7 34.1
65 46.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.98 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampled :

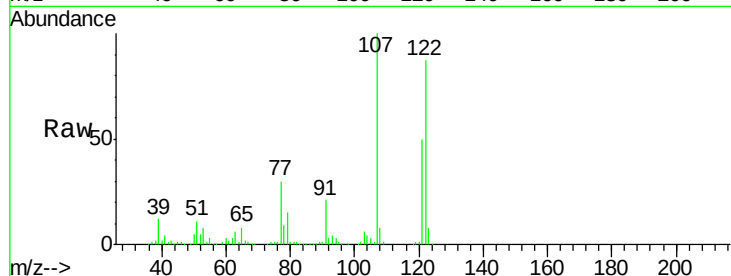
Tot Ion:122 Resp: 317619

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

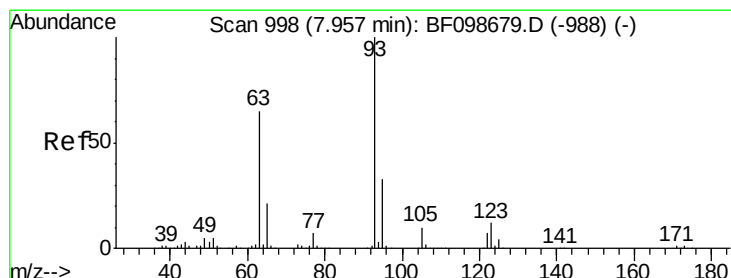
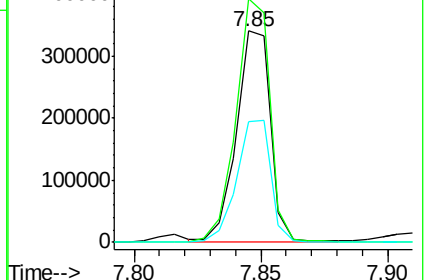
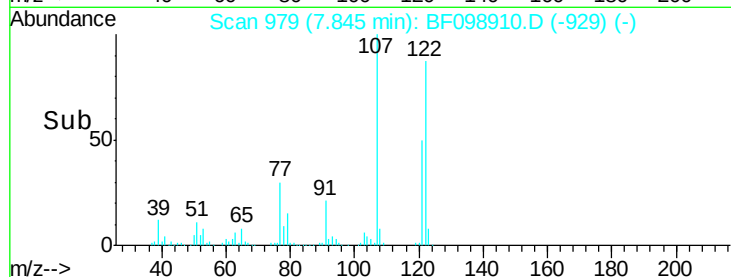
121 57.4 47.2 70.8



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: 40.61 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

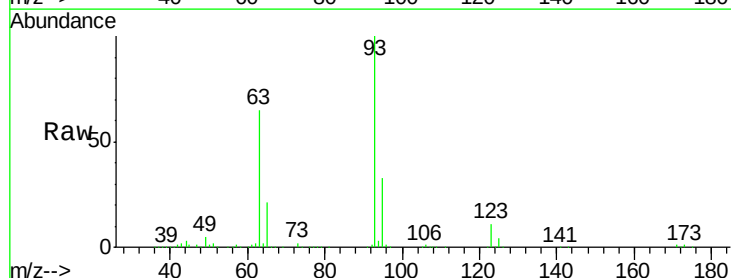
Tgt Ion: 93 Resp: 436260

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

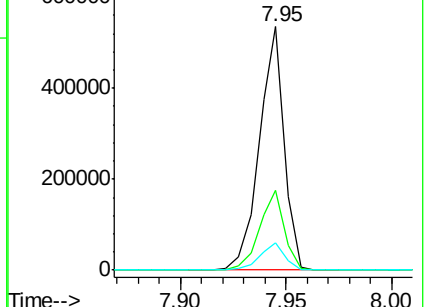
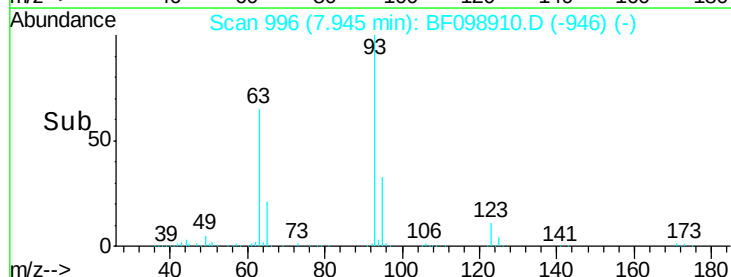
123 11.5 9.8 14.6

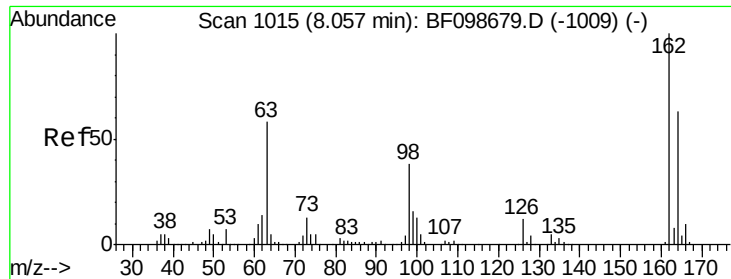


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

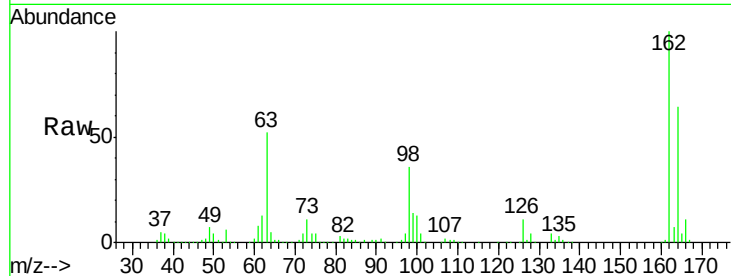




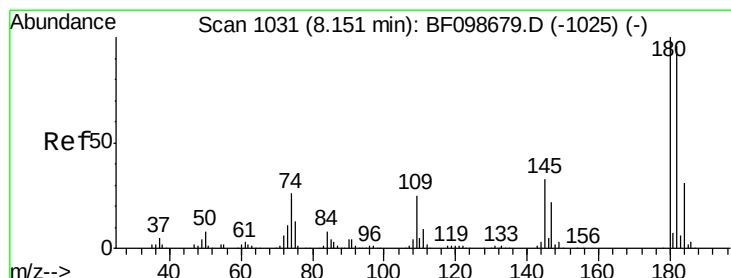
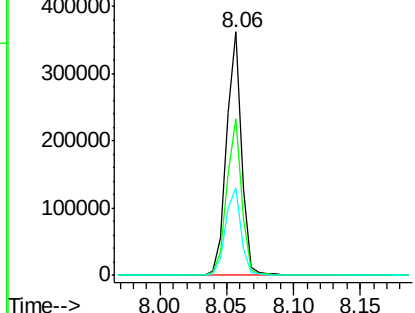
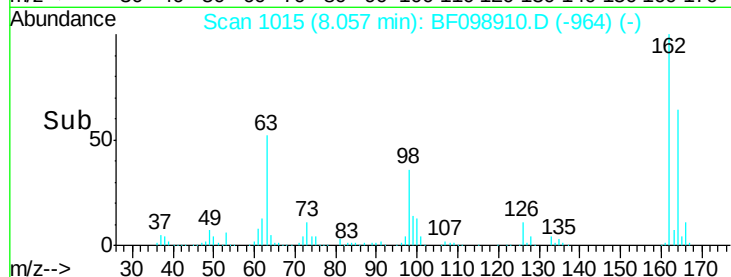
#29
 2,4-Dichlorophenol
 Concen: 39.44 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.0	18.1	58.1

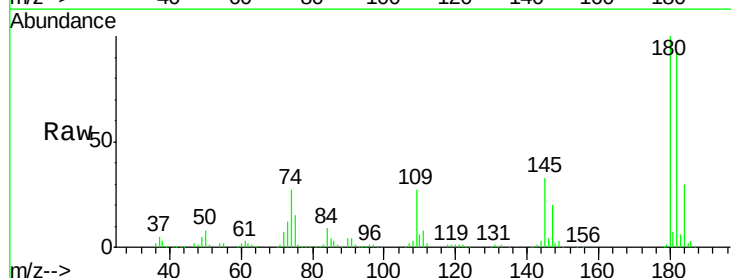


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

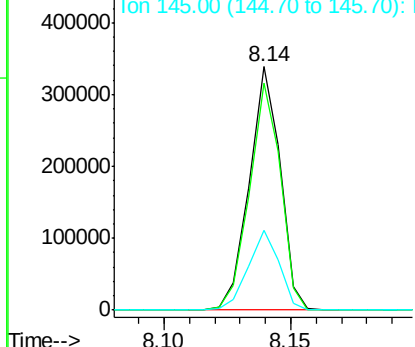
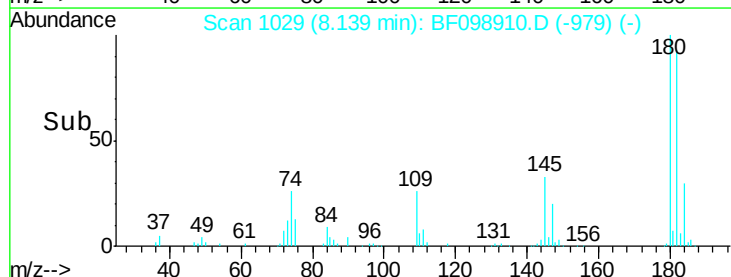


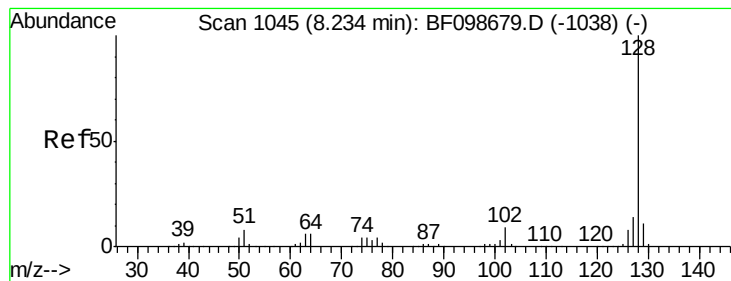
#30
 1,2,4-Trichlorobenzene
 Concen: 38.95 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	32.7	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: 39.30 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

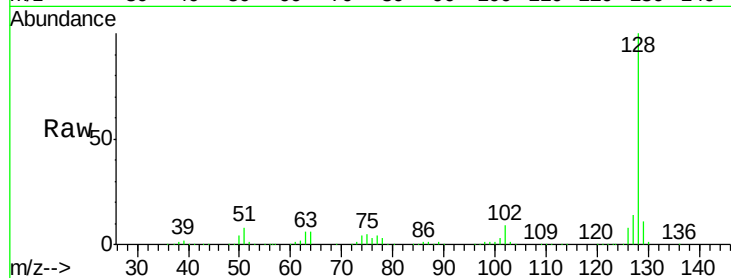
Tot Ion:128 Resp: 987103

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

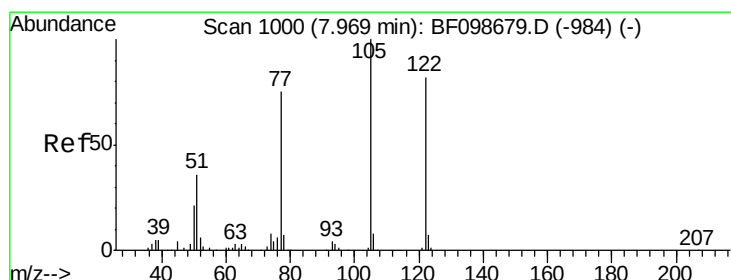
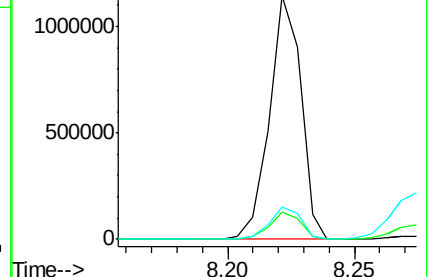
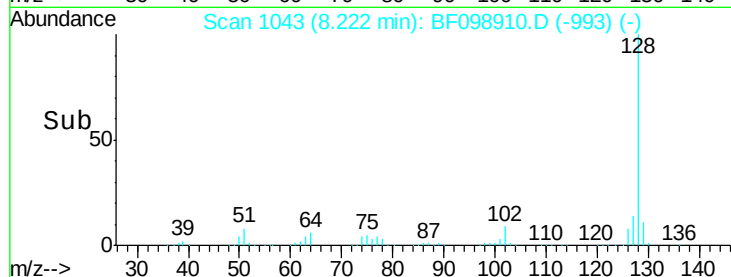
127 13.5 10.9 16.3



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: 2.77 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.06 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

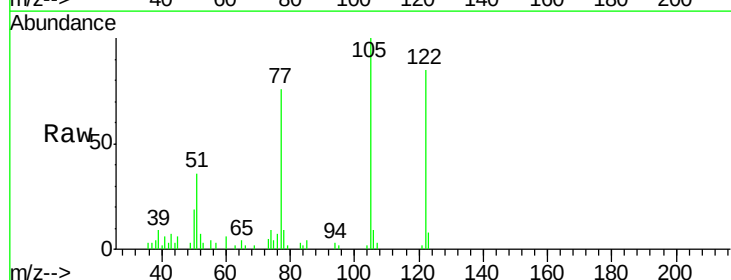
Tgt Ion:122 Resp: 19517

Ion Ratio Lower Upper

122 100

105 117.9 101.1 141.1

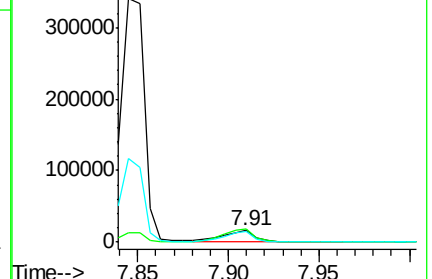
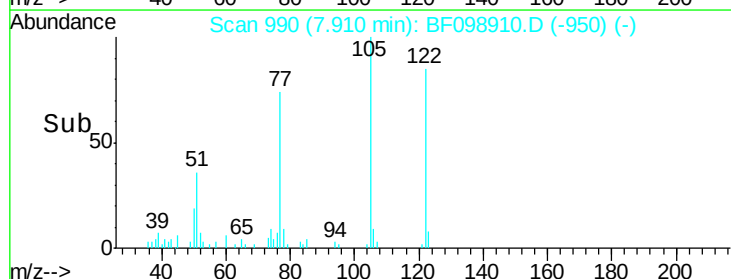
77 89.9 70.7 110.7

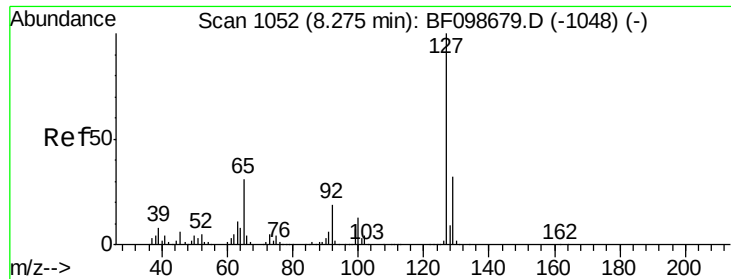


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

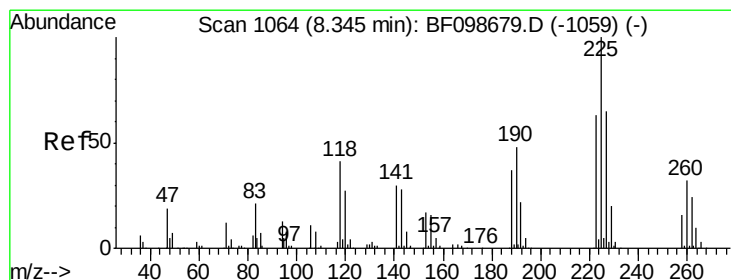
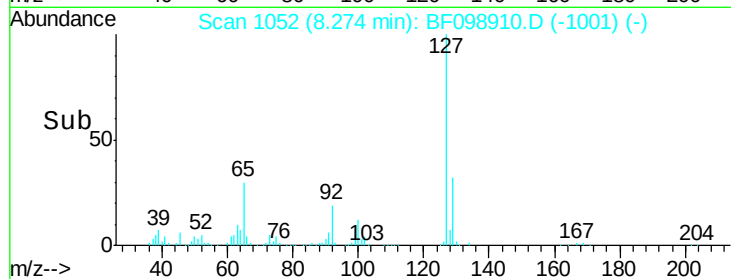
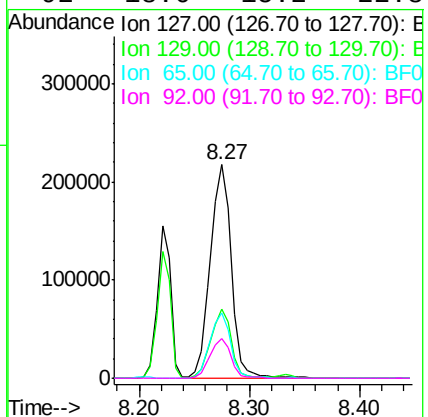
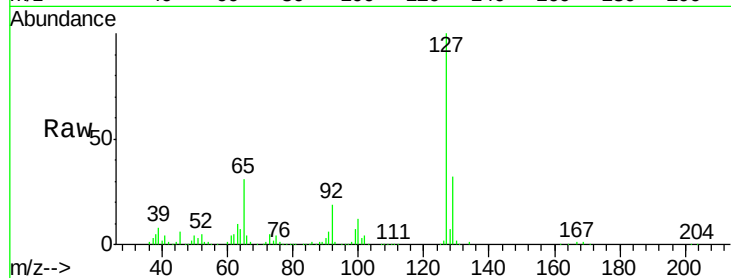




#33
 4-Chloroaniline
 Concen: 27.24 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

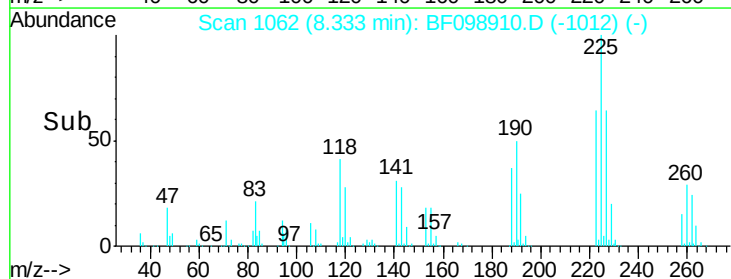
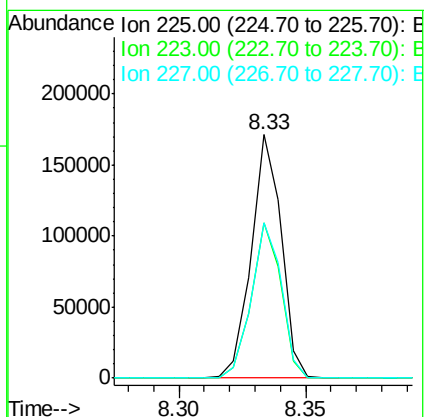
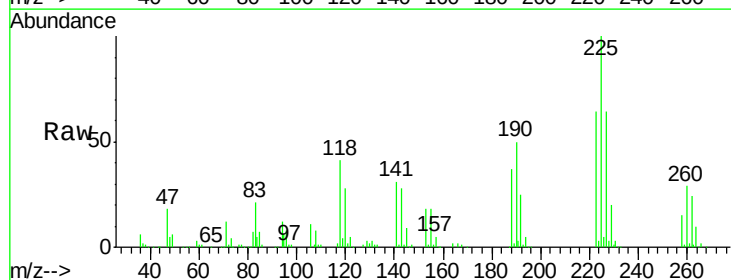
Instrument :
 BNA_F
 ClientSampleId :

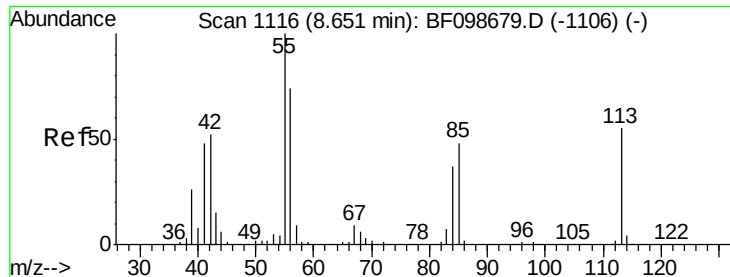
Tot Ion:	127	Resp:	285659
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.5	25.0	37.4
92	18.6	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 37.22 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:	225	Resp:	141407
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	63.6	51.9	77.9

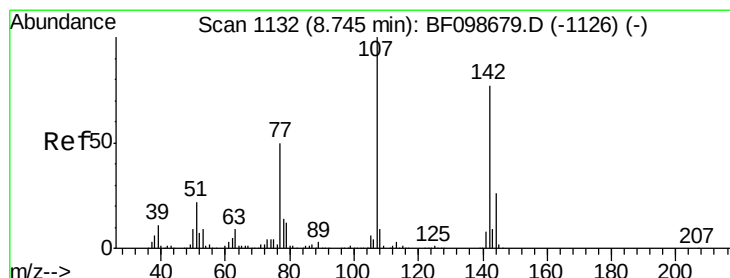
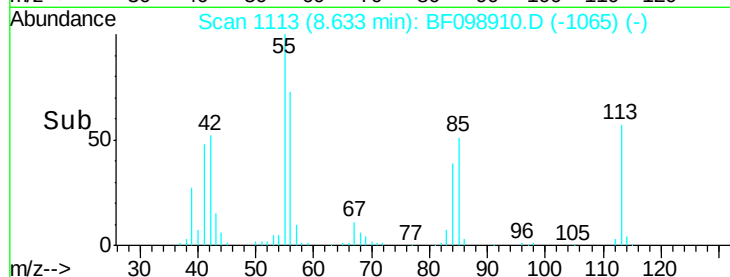
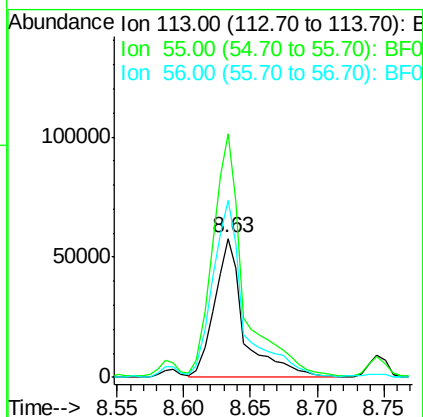
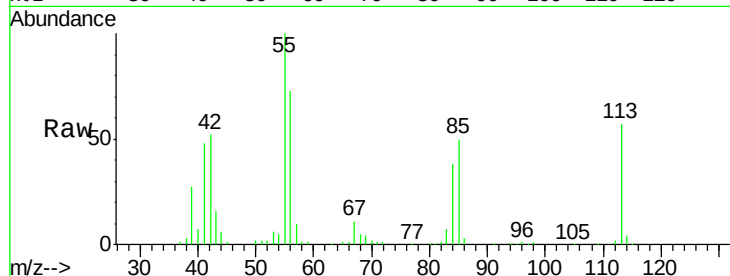




#35
 Caprolactam
 Concen: 38.27 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

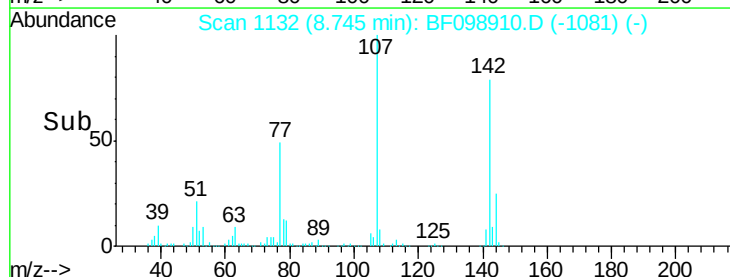
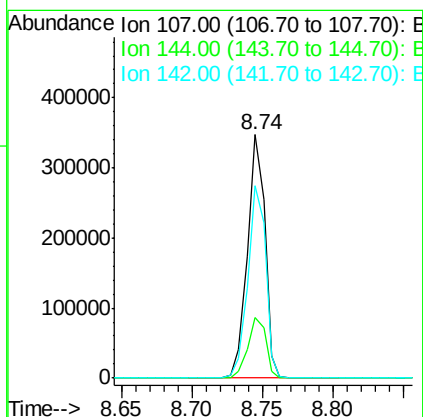
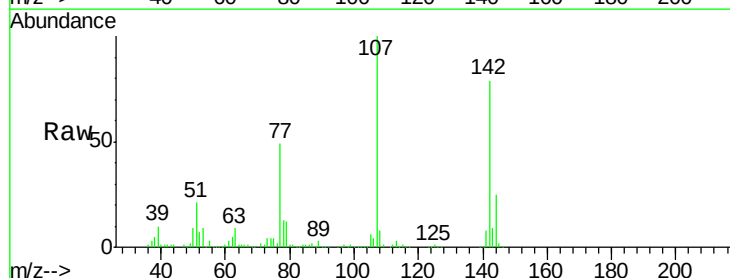
Instrument :
 BNA_F
 ClientSampled :

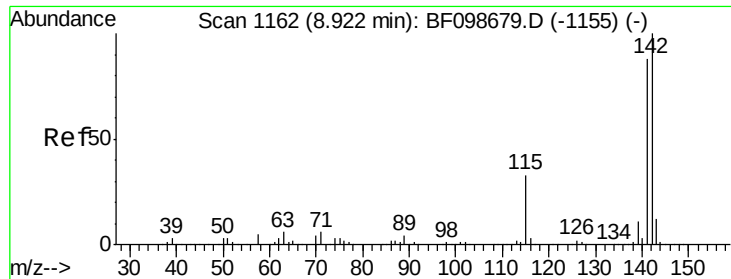
Tot Ion:113 Resp: 90532
 Ion Ratio Lower Upper
 113 100
 55 175.3 163.3 203.3
 56 127.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.75 ng
 RT: 8.74 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:107 Resp: 304640
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 78.9 62.0 93.0

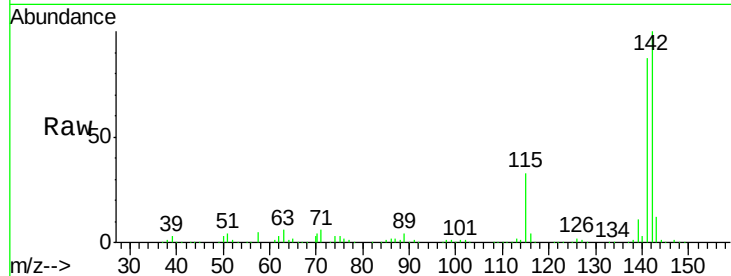




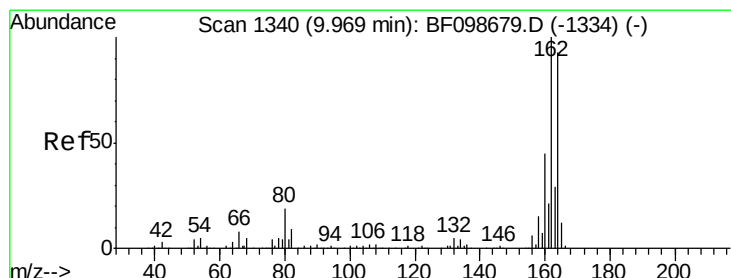
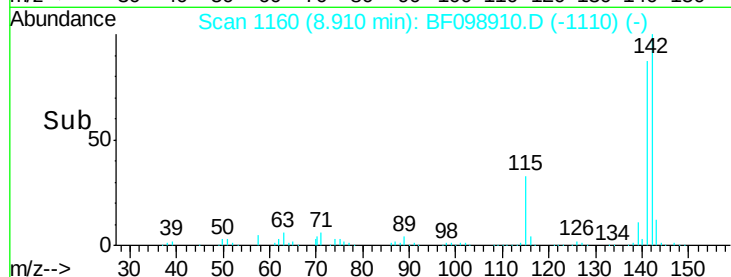
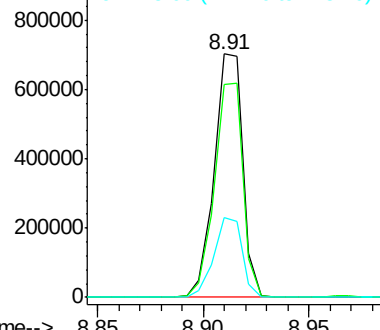
#37
 2-Methylnaphthalene
 Concen: 40.20 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 656348
 Ion Ratio Lower Upper
 142 100
 141 87.4 70.8 106.2
 115 32.9 26.1 39.1

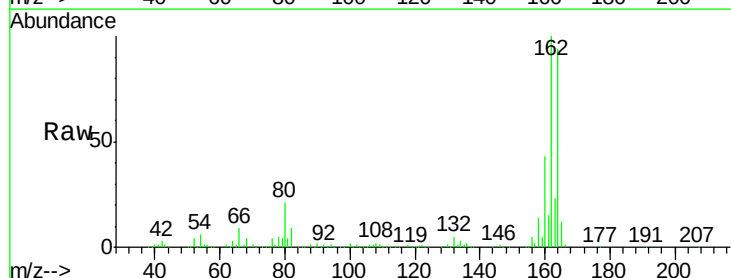


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

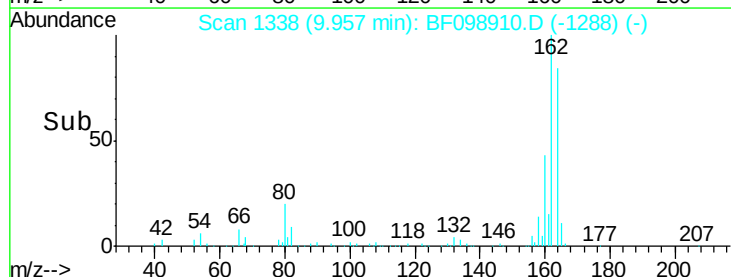
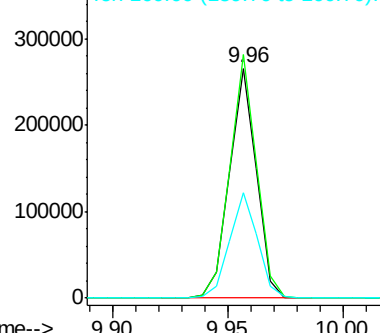


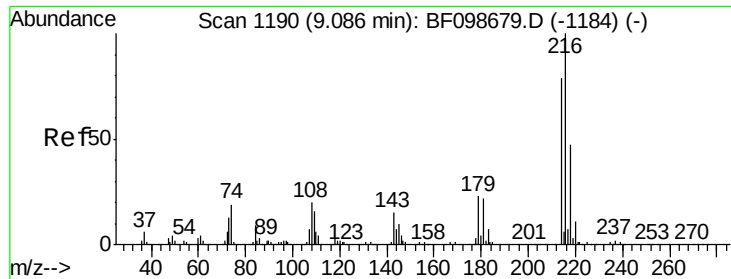
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:164 Resp: 216727
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 45.9 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

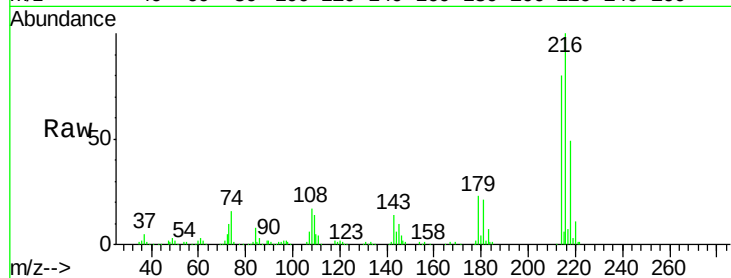




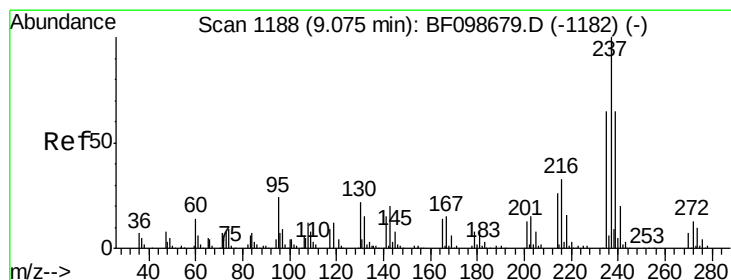
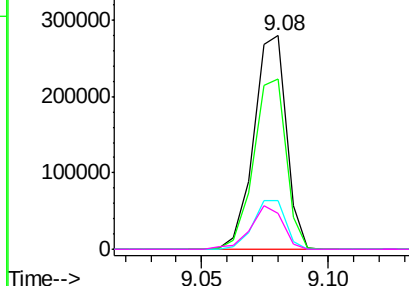
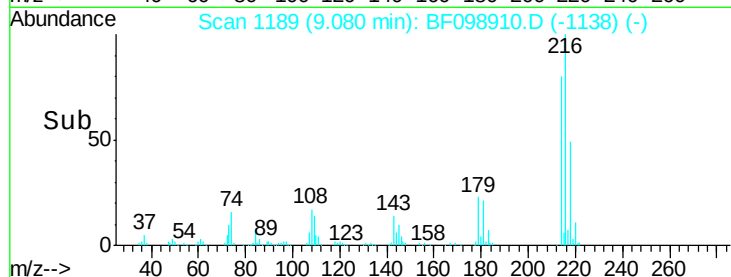
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.88 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	251306
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.2	18.1	27.1
108	20.4	17.2	25.8

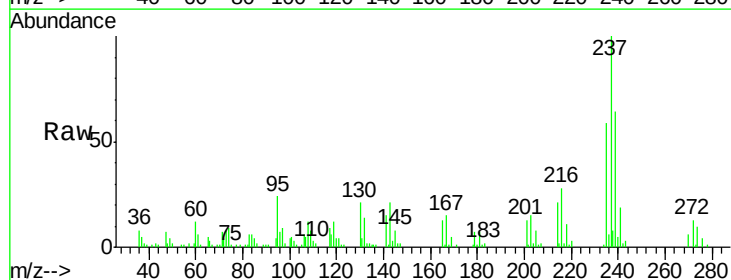


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

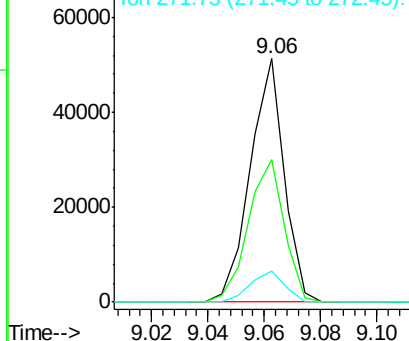
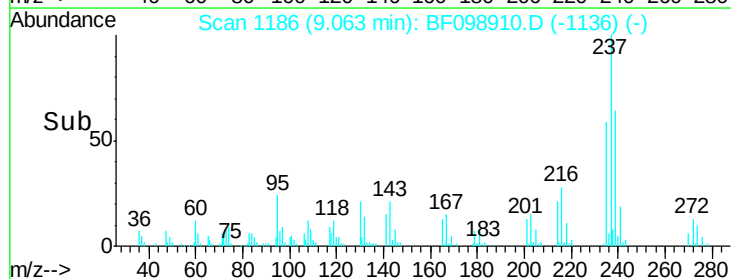


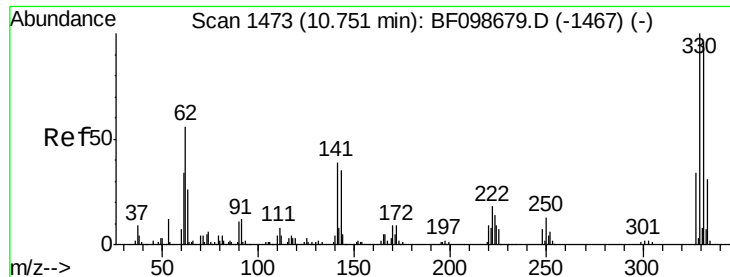
#40
 Hexachlorocyclopentadiene
 Concen: 14.47 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:	237	Resp:	42746
Ion	Ratio	Lower	Upper
237	100		
235	58.6	44.8	84.8
272	12.7	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

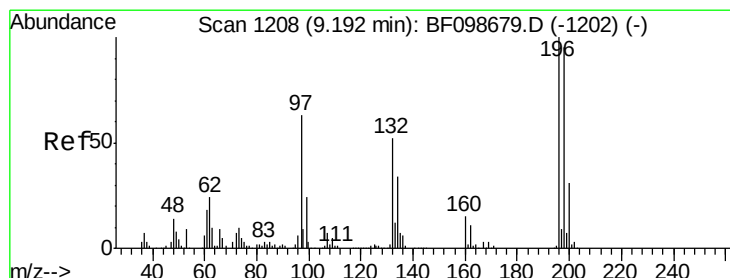
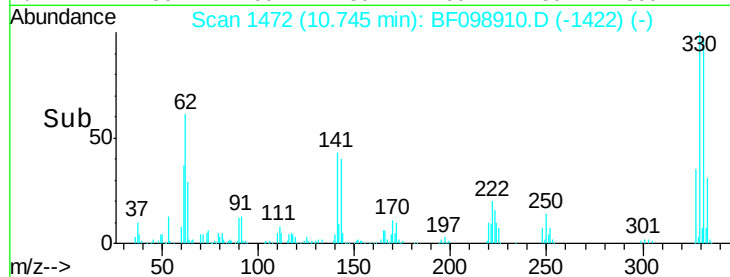
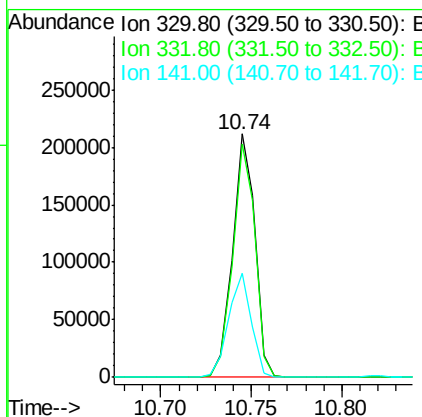
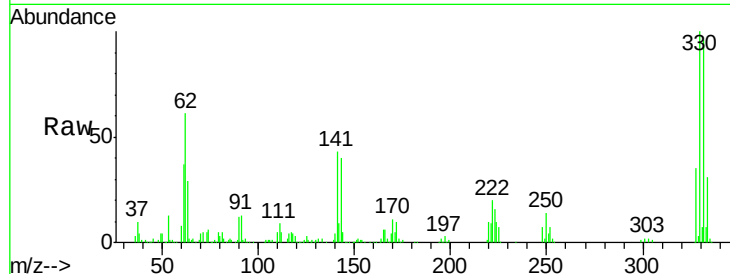




#41
 2,4,6-Tribromophenol
 Concen: 102.52 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

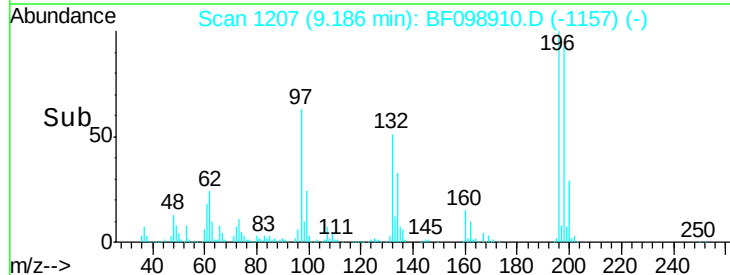
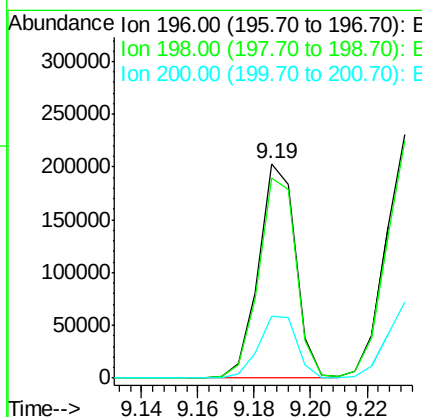
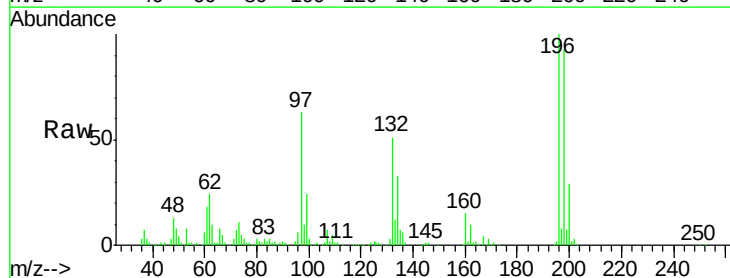
Instrument :
 BNA_F
 ClientSampleId :

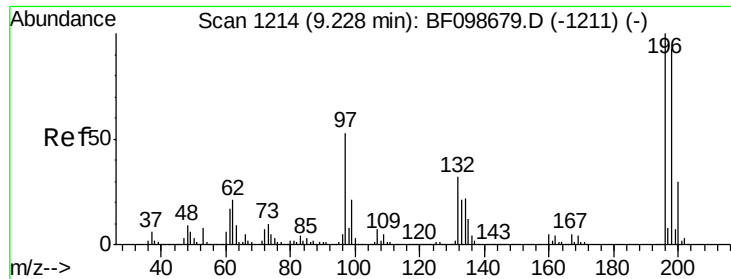
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	43.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.43 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.7	113.5
200	29.0	24.5	36.7

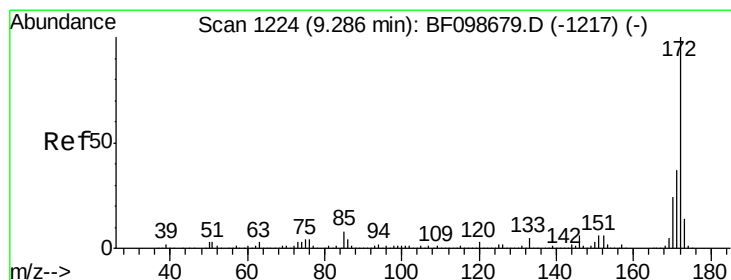
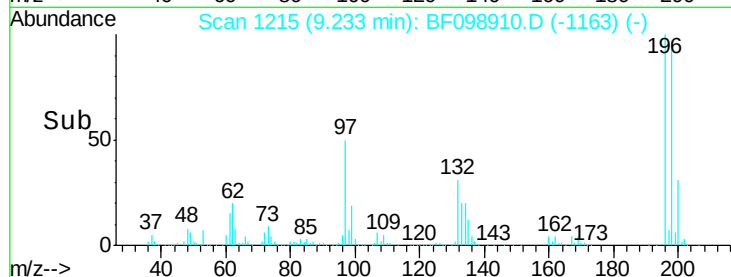
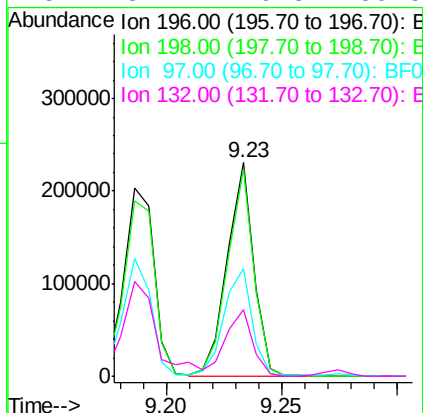
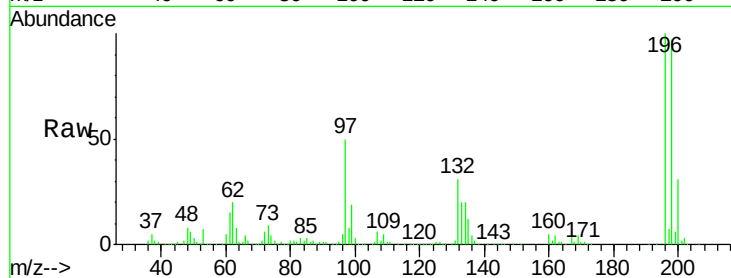




#43
 2,4,5-Trichlorophenol
 Concen: 40.62 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

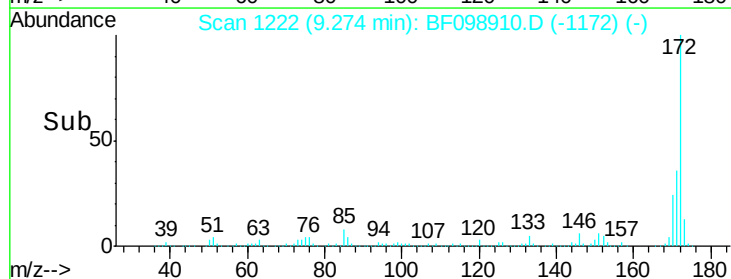
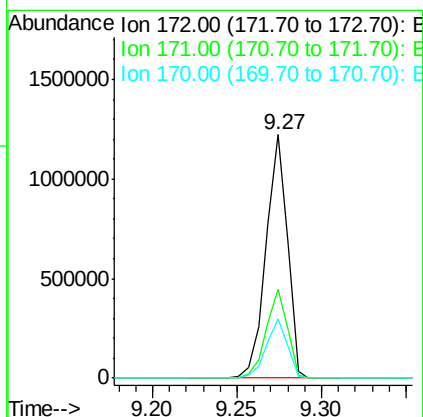
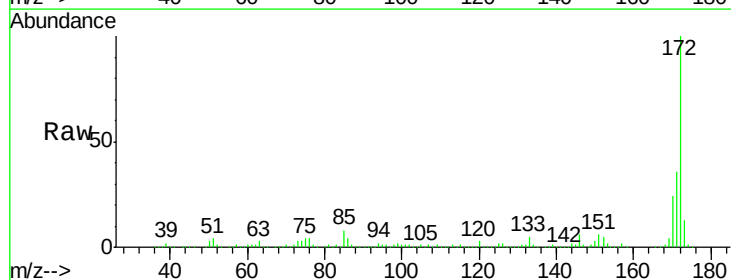
Instrument :
 BNA_F
 ClientSampleId :

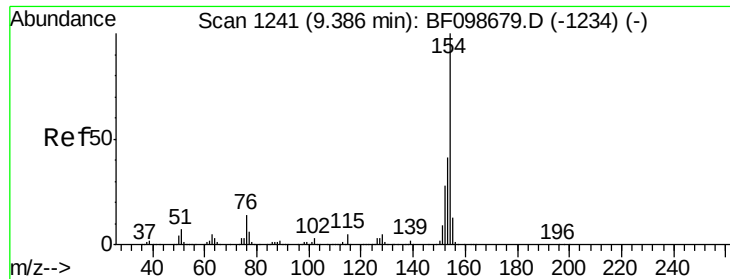
Tot Ion:196 Resp: 185649
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.6 112.0
 97 50.3 42.9 64.3
 132 31.4 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 82.06 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:172 Resp: 1065282
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 19.6 29.4

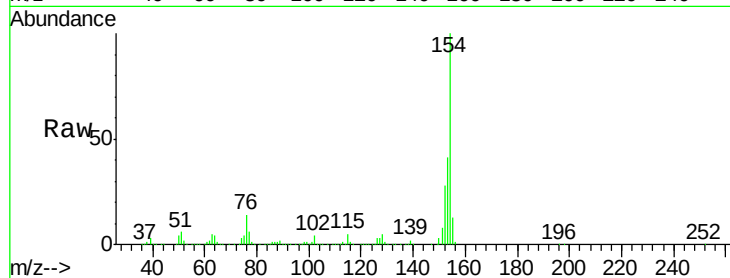




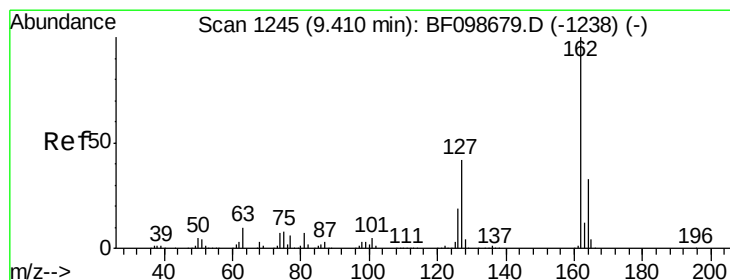
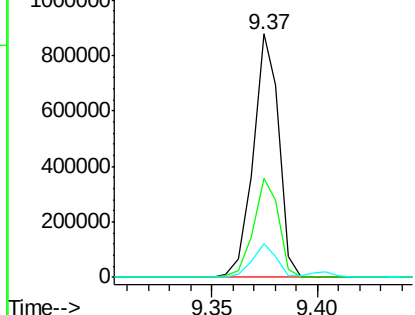
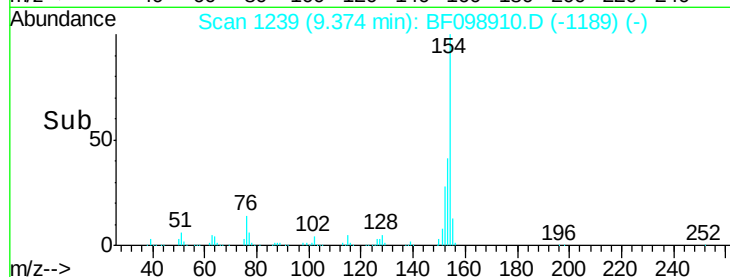
#45
 1,1'-Biphenyl
 Concen: 39.57 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.9	0.0	34.0

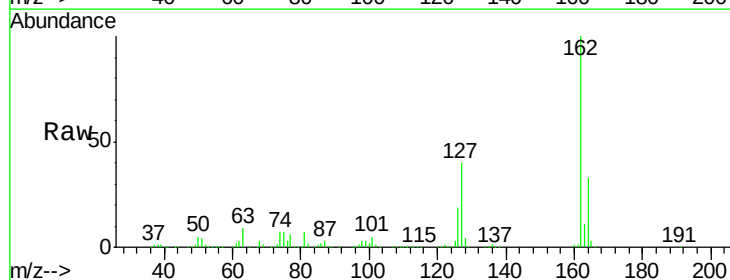


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

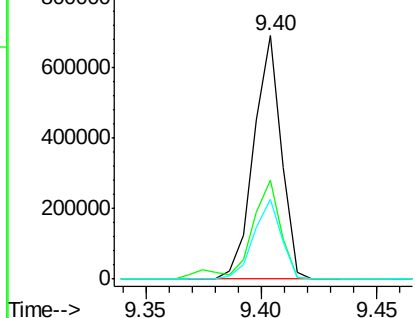
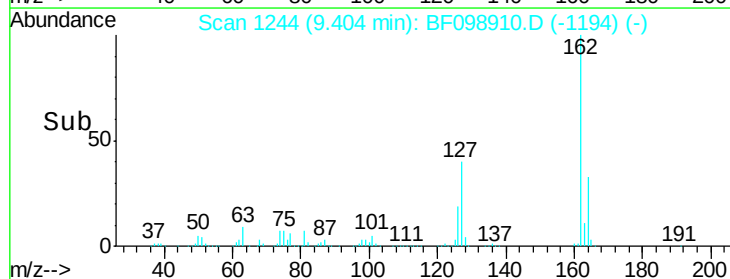


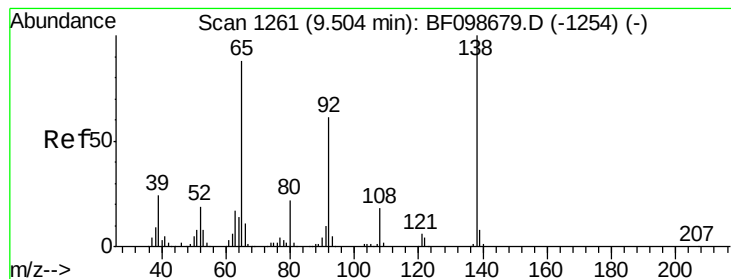
#46
 2-Chloronaphthalene
 Concen: 41.08 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	32.5	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: 46.27 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

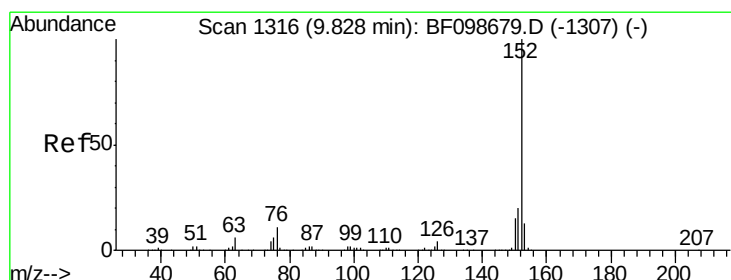
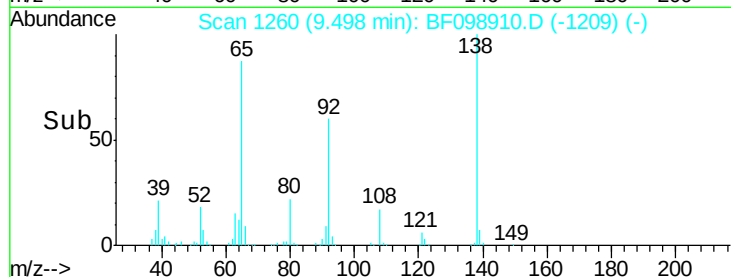
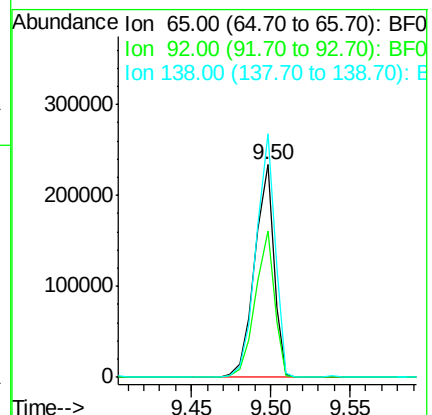
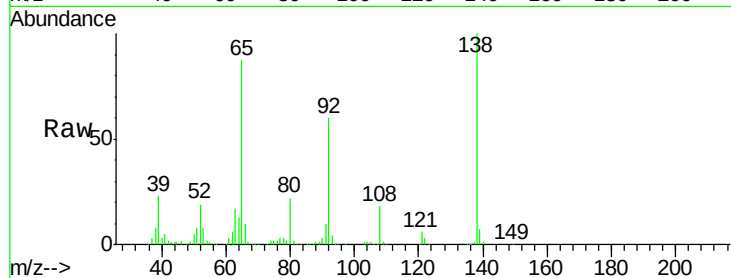
Tot Ion: 65 Resp: 198147

Ion Ratio Lower Upper

65 100

92 68.7 55.8 83.6

138 114.4 91.2 136.8



#48

Acenaphthylene

Concen: 38.70 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

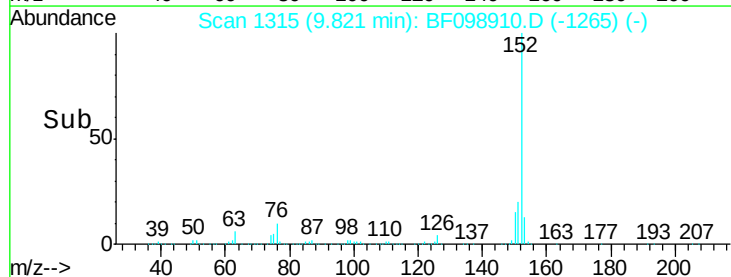
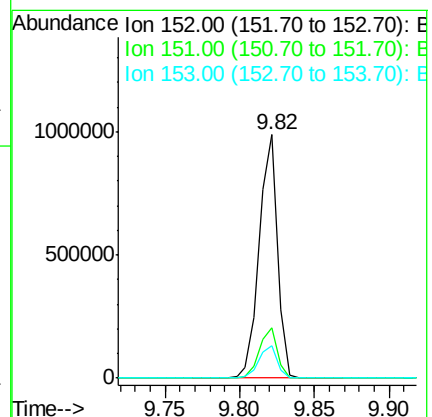
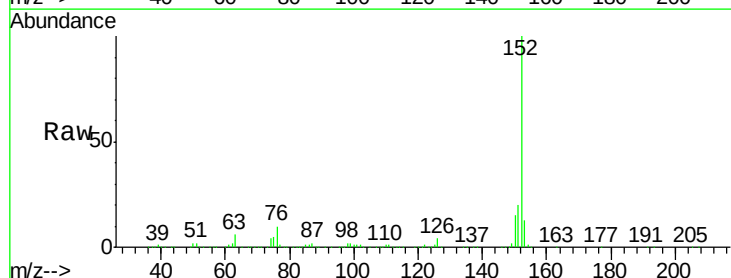
Tgt Ion: 152 Resp: 828582

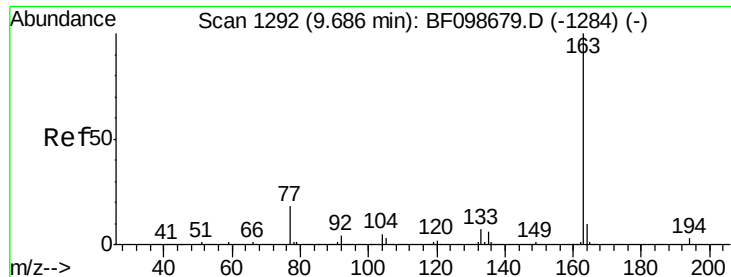
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.1 10.7 16.1

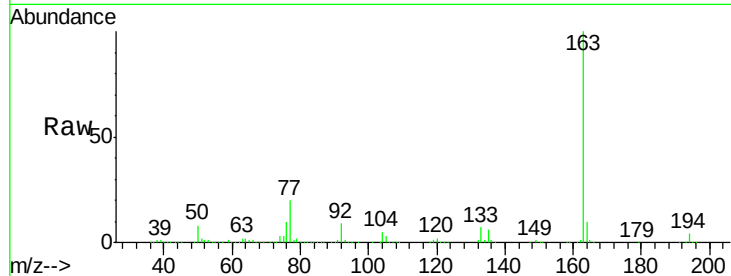




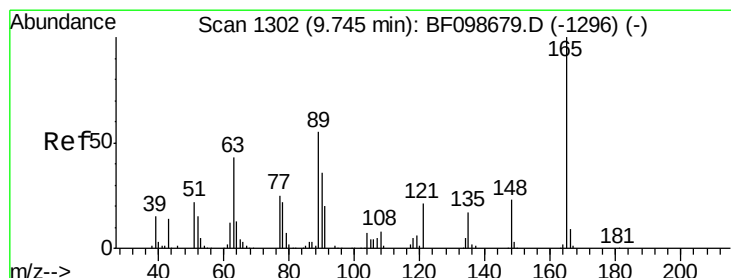
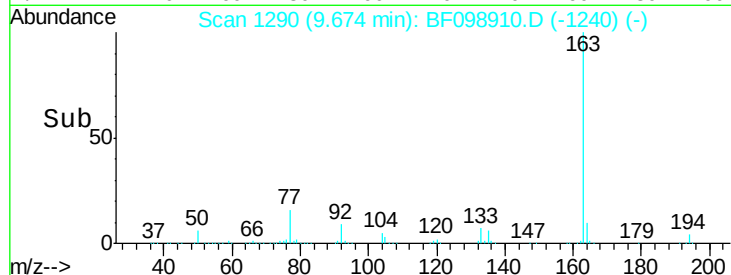
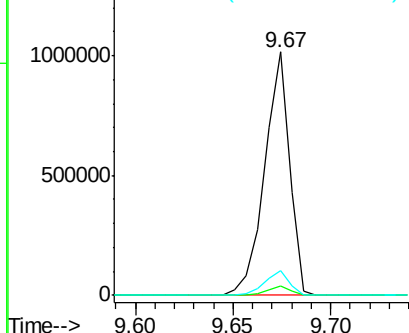
#49
Dimethylphthalate
Concen: 55.01 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 899799
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

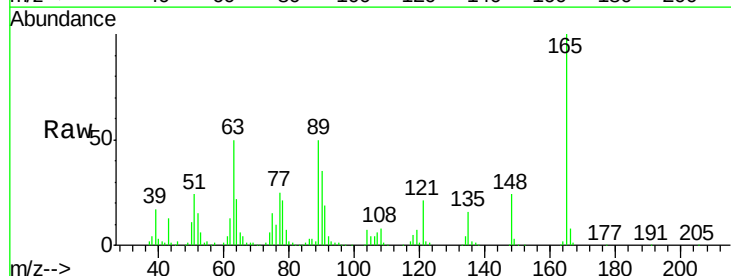


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

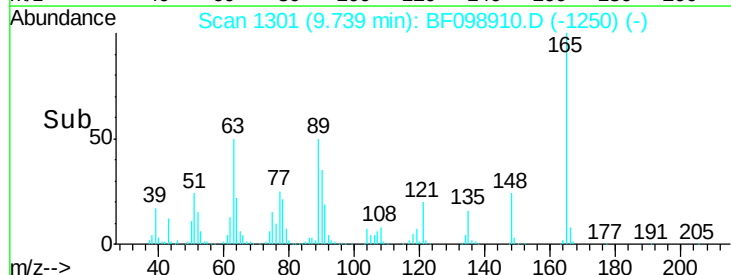
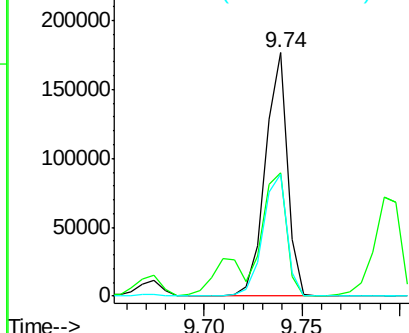


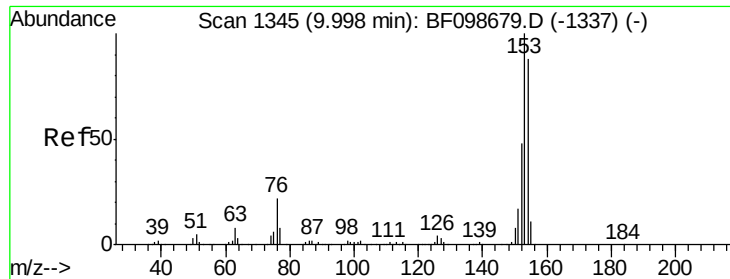
#50
2,6-Dinitrotoluene
Concen: 39.07 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:165 Resp: 139131
Ion Ratio Lower Upper
165 100
63 50.4 44.7 67.1
89 50.1 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: 36.31 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampled :

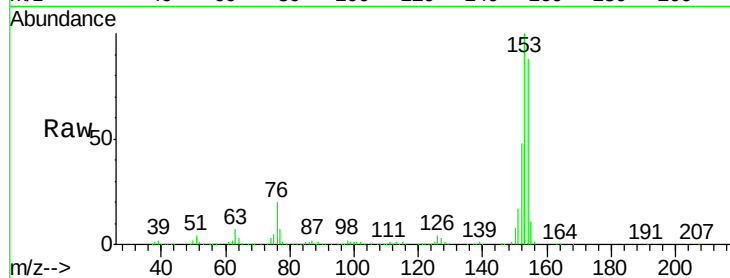
Tot Ion:154 Resp: 492392

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

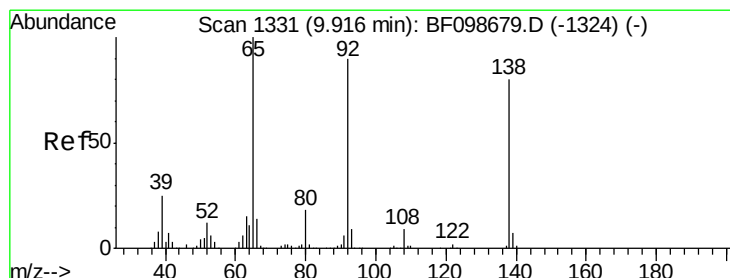
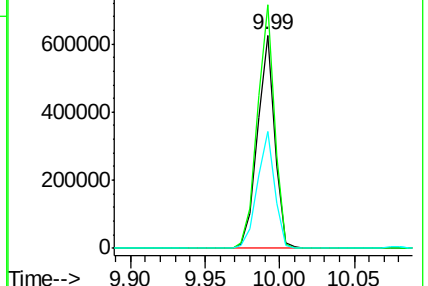
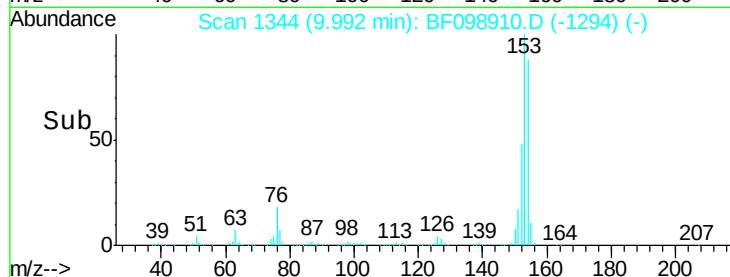
152 54.6 43.8 65.8



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: 37.47 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

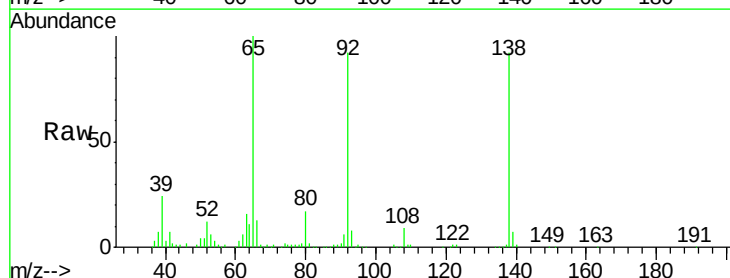
Tgt Ion:138 Resp: 155589

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.0

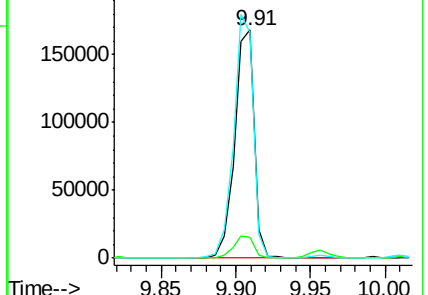
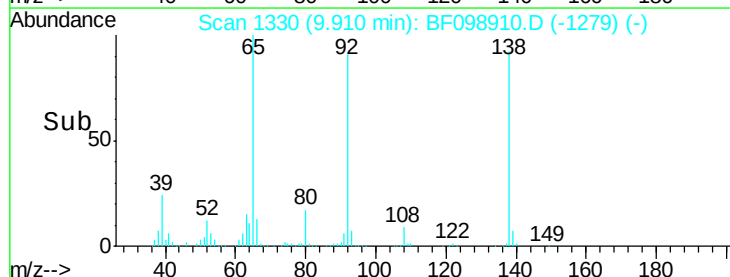
92 99.3 89.4 134.2

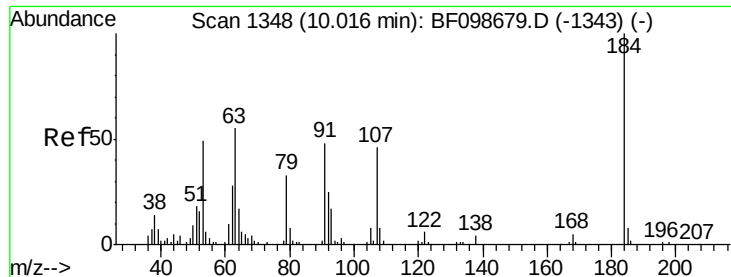


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

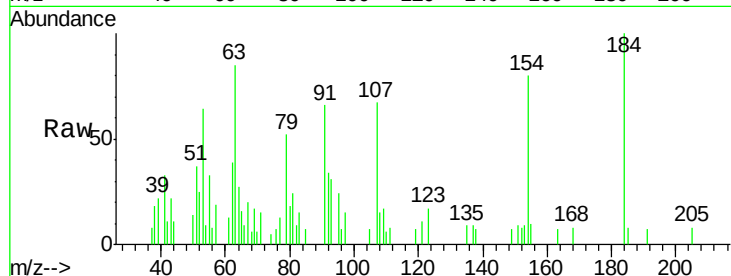




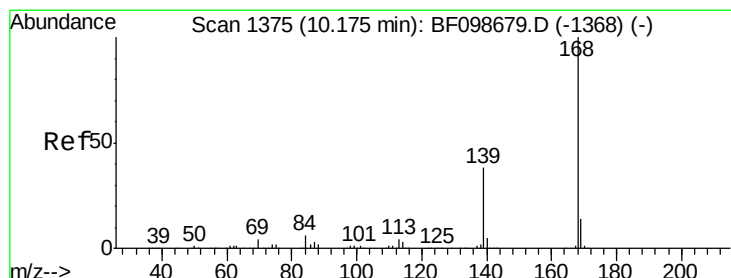
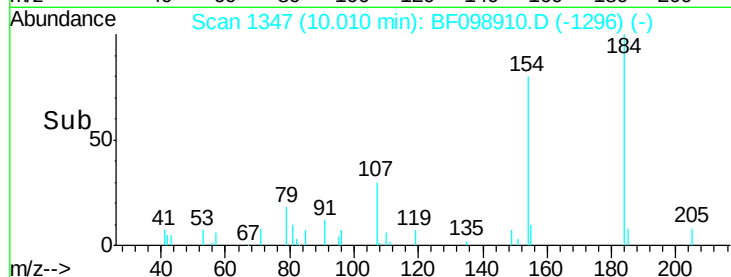
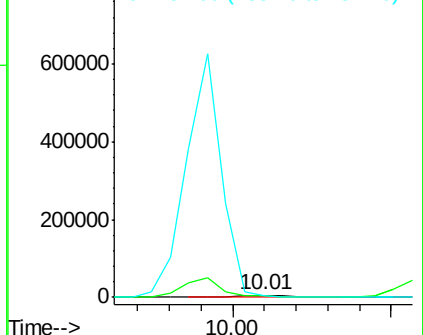
#53
2,4-Dinitrophenol
Concen: 8.12 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 4581
Ion Ratio Lower Upper
184 100
63 84.6 54.2 81.2#
154 80.4 53.5 80.3#

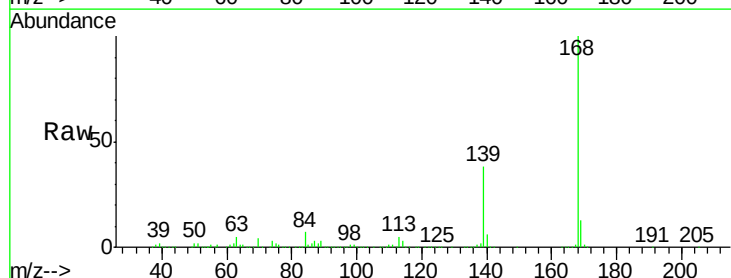


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

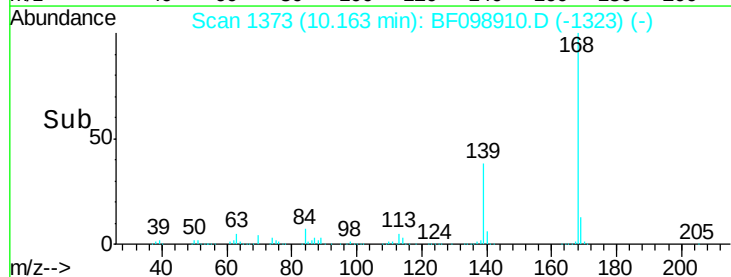
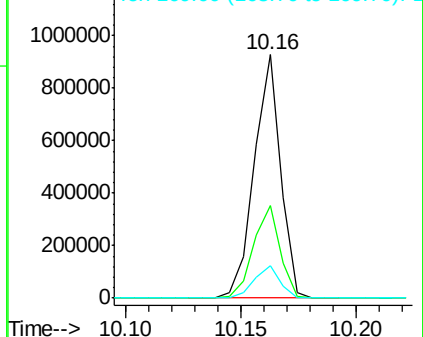


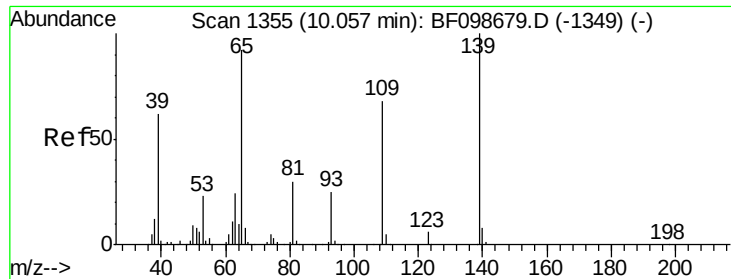
#54
Dibenzofuran
Concen: 41.02 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:168 Resp: 740608
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.3 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

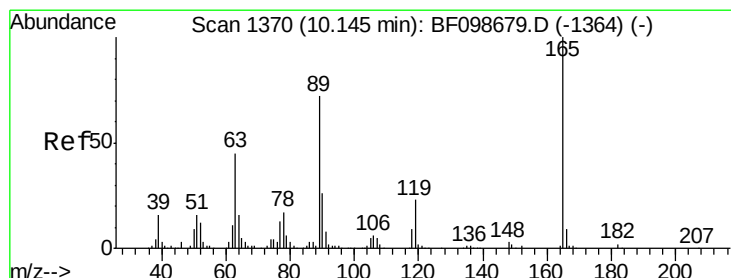
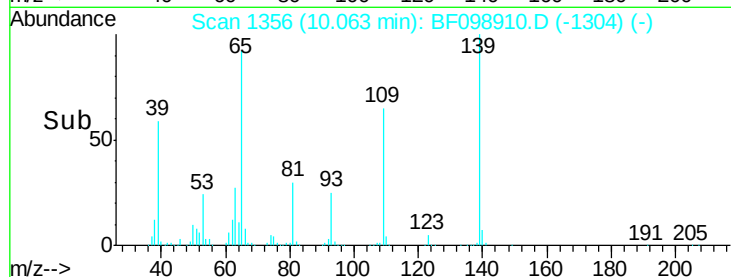
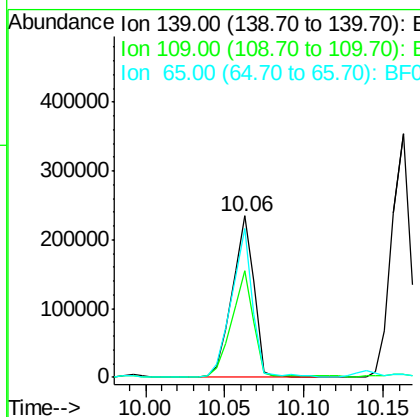
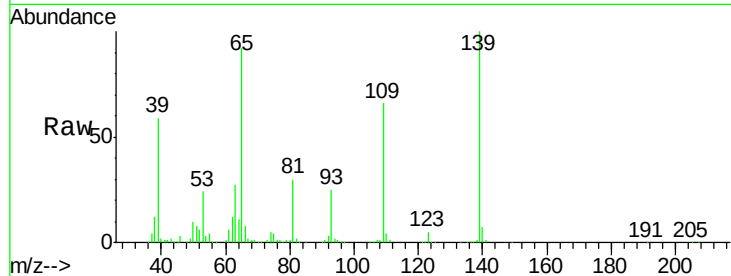




#55
4-Nitrophenol
Concen: 63.87 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

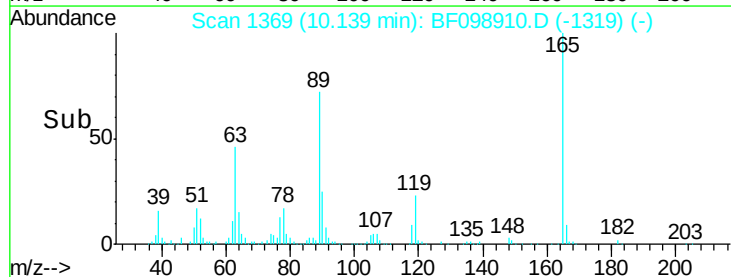
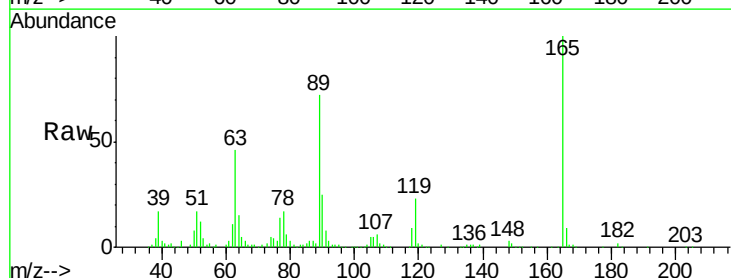
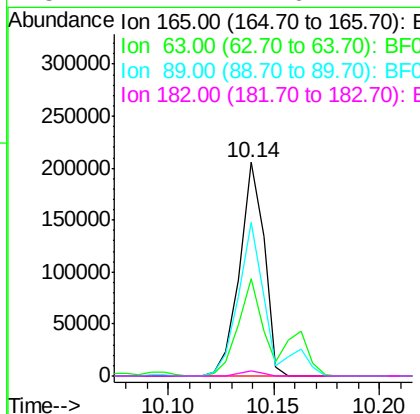
Instrument :
BNA_F
ClientSampleId :

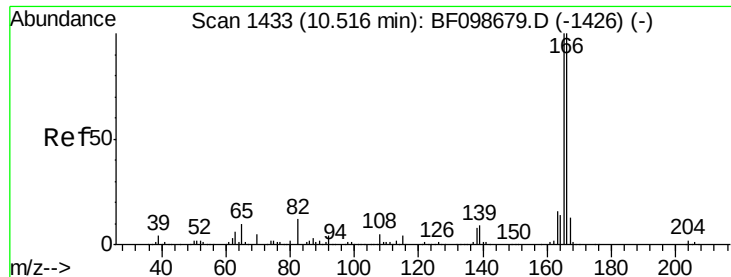
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.7	48.4	88.4
65	92.0	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 35.88 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.8	36.4	54.6
89	71.8	57.8	86.6
182	2.2	1.6	2.4

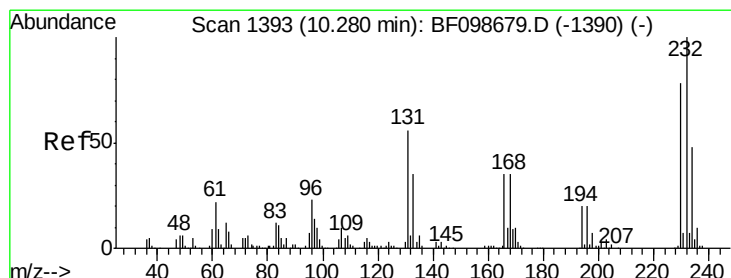
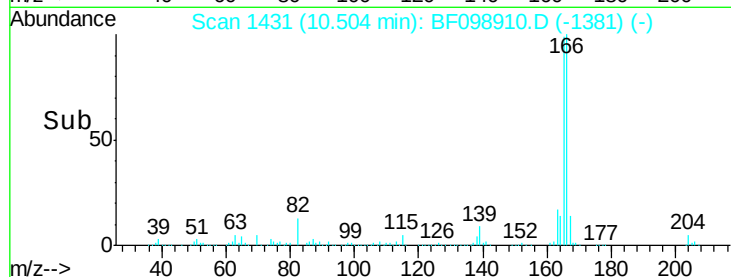
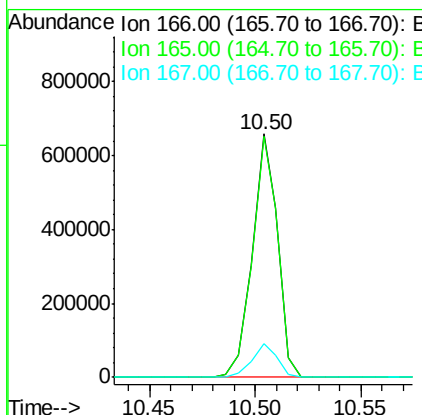
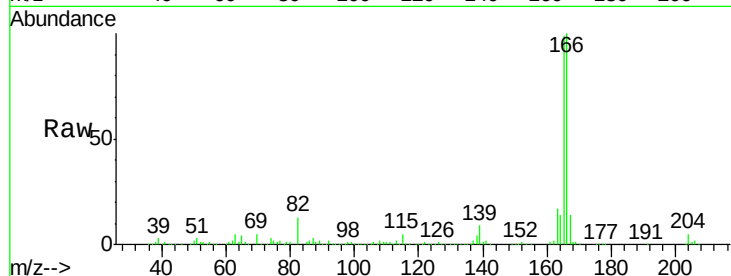




#57
 Fluorene
 Concen: 37.45 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

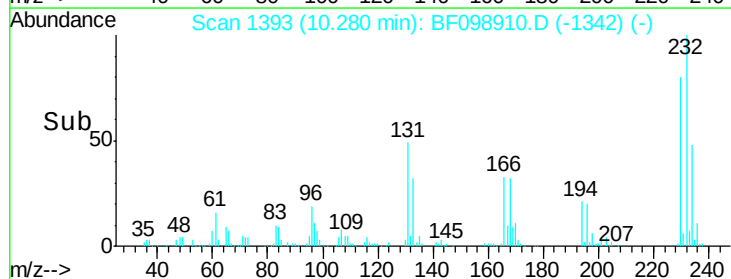
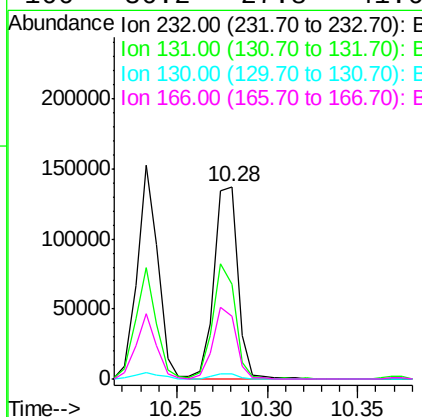
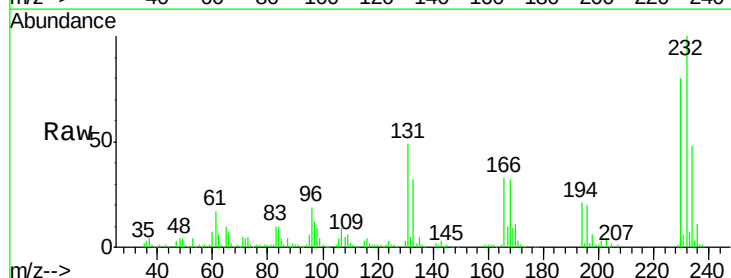
Instrument :
 BNA_F
 ClientSampled :

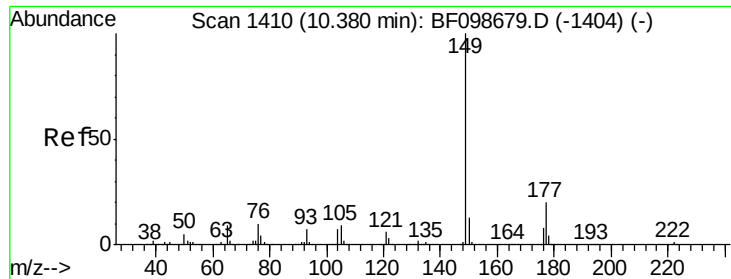
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.78 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.0	43.8	65.8
130	2.8	2.1	3.1
166	36.2	27.8	41.6

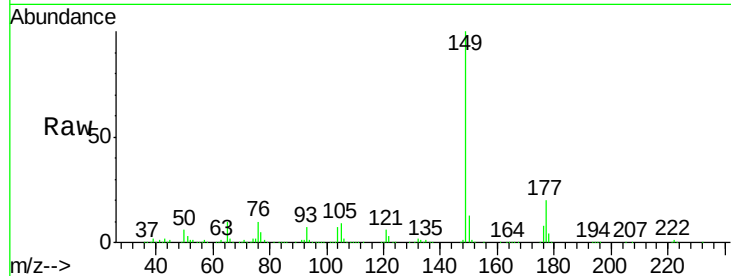




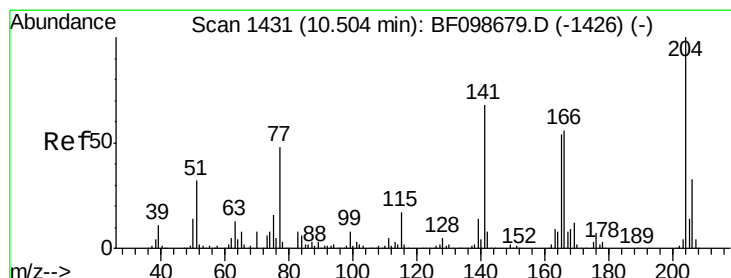
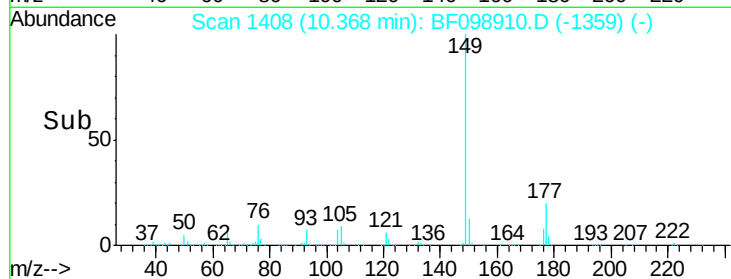
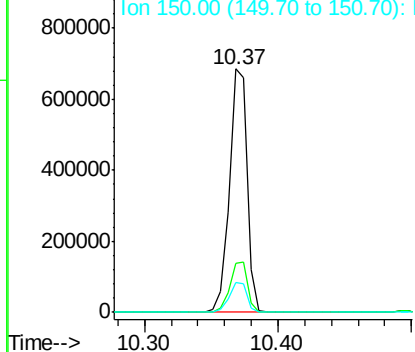
#59
Diethylphthalate
Concen: 40.44 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 646391
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.5 10.1 15.1

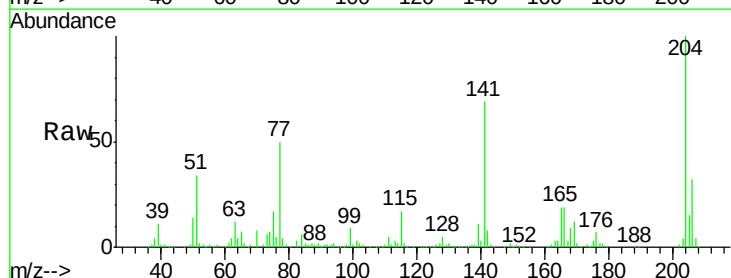


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

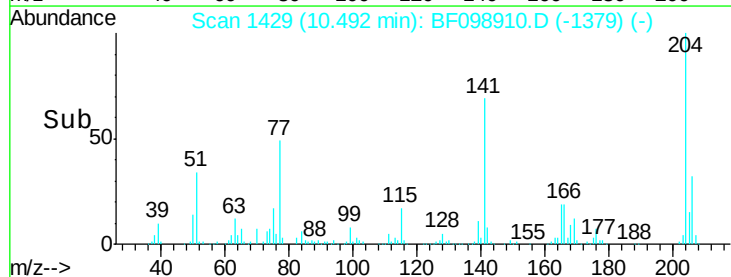
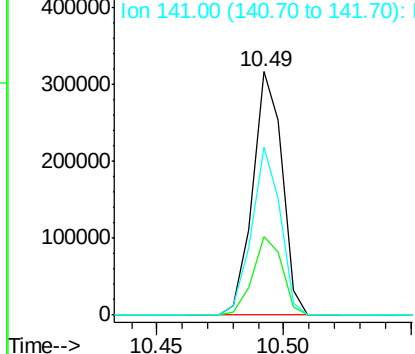


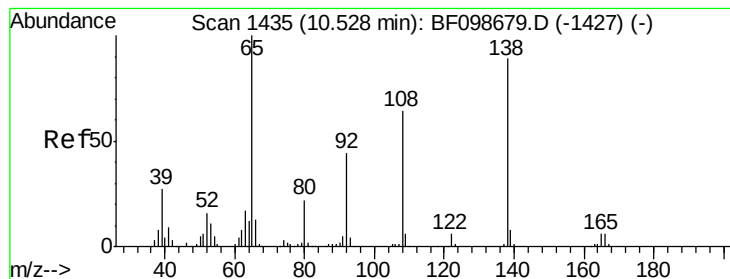
#60
4-Chlorophenyl-phenylether
Concen: 39.30 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:204 Resp: 256195
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 68.9 54.6 81.8



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





#61

4-Nitroaniline

Concen: 37.18 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

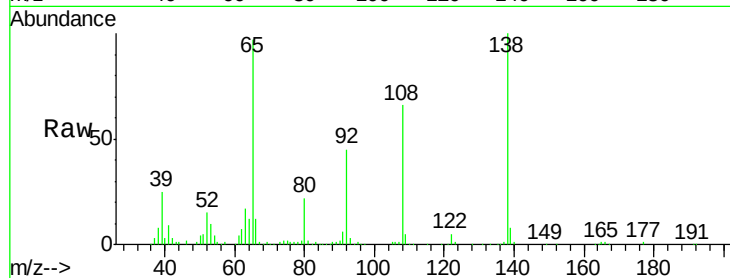
Tot Ion:138 Resp: 148958

Ion Ratio Lower Upper

138 100

92 45.1 30.2 70.2

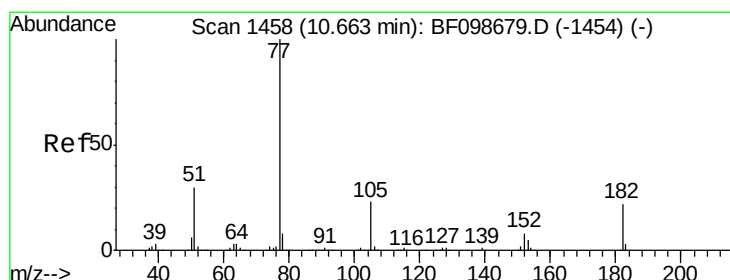
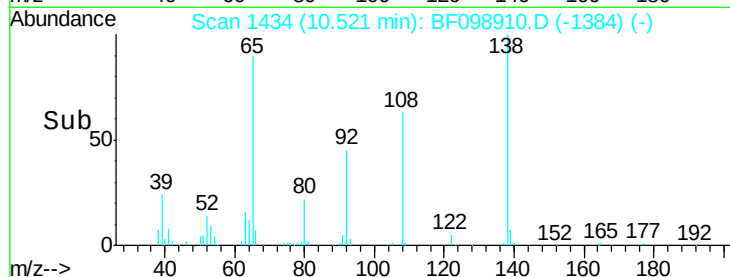
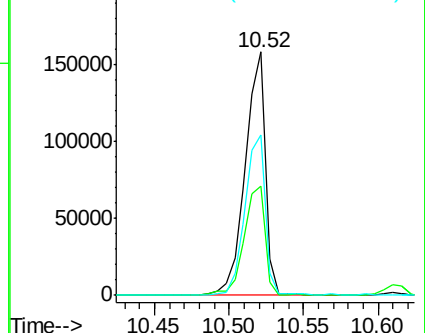
108 65.8 52.5 92.5



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: 39.78 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Tgt Ion: 77 Resp: 584604

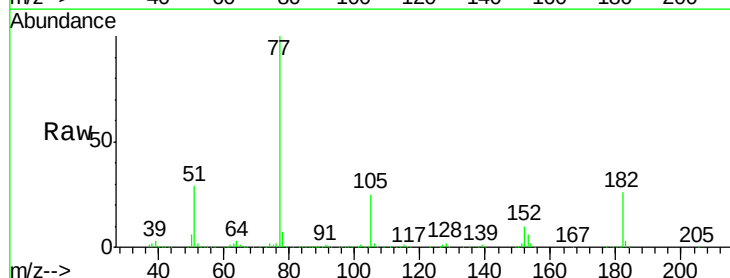
Ion Ratio Lower Upper

77 100

182 25.7 1.7 41.7

105 24.8 3.0 43.0

51 28.7 9.9 49.9

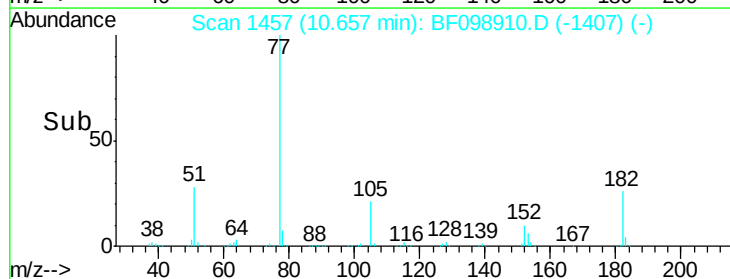
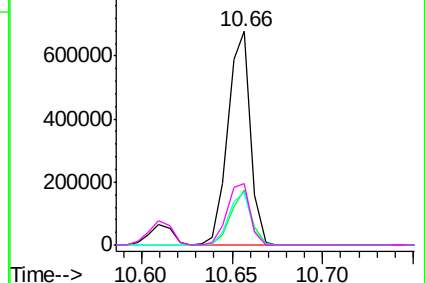


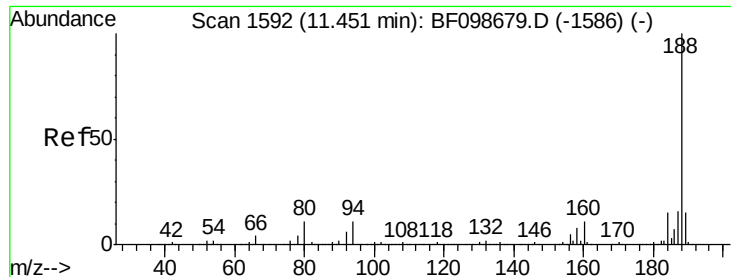
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

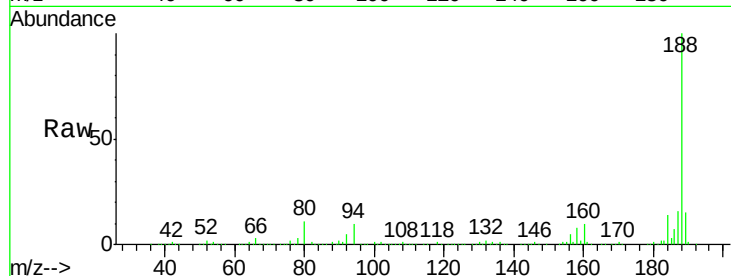




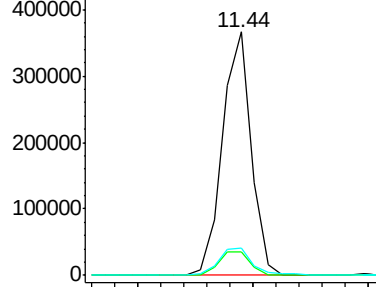
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampled :

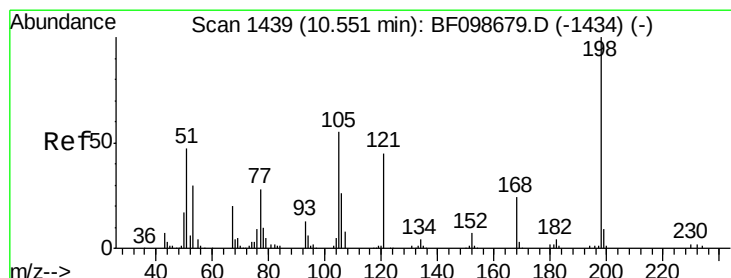
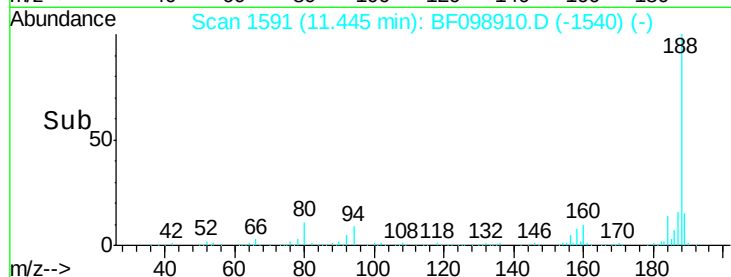
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	11.0	9.2	13.8



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

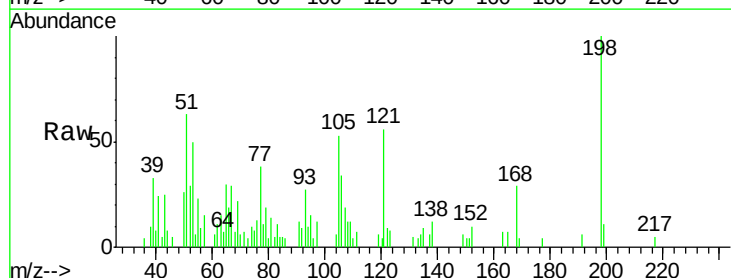


Time-->

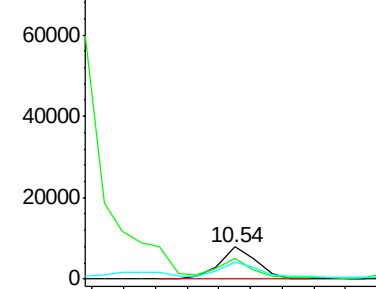


#64
4,6-Dinitro-2-methylphenol
Concen: 3.29 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

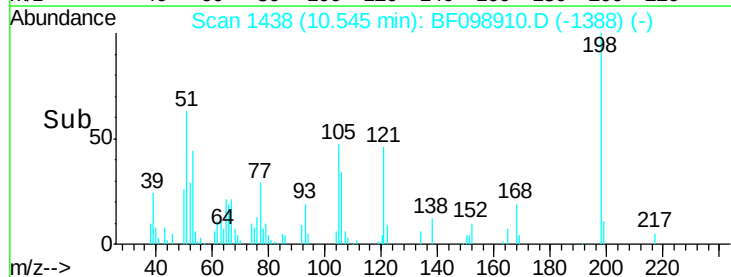
Tgt Ion	Ratio	Lower	Upper
198	100		
51	63.2	37.7	77.7
105	53.4	36.3	76.3

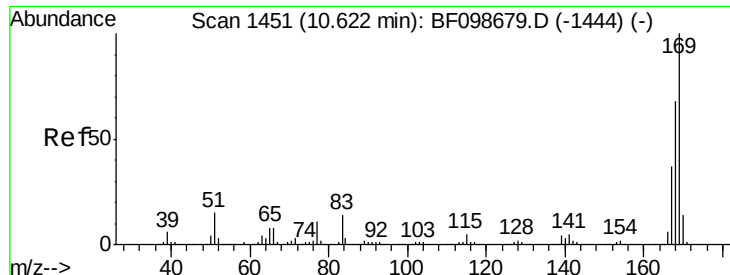


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



Time-->

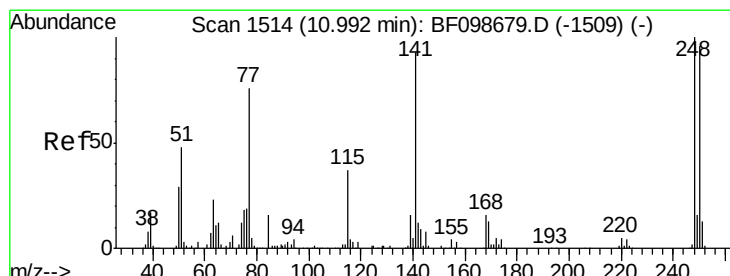
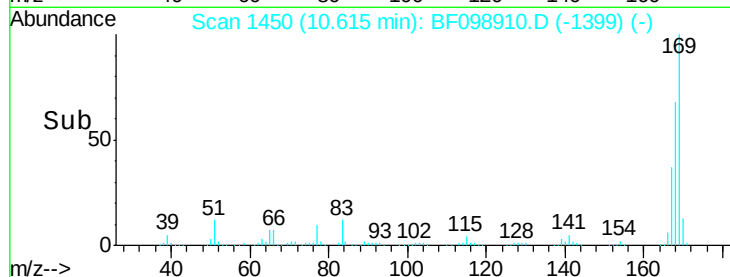
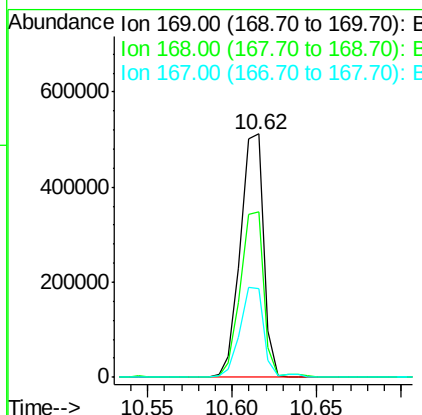
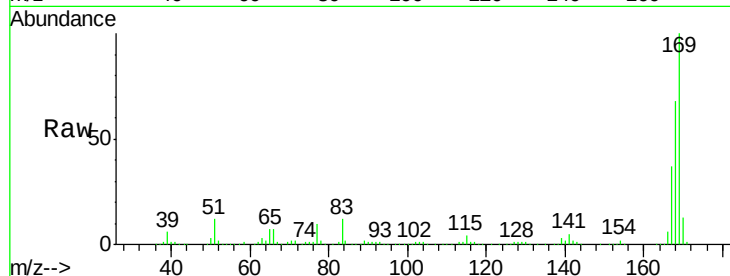




#65
 n-Nitrosodiphenylamine
 Concen: 44.78 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

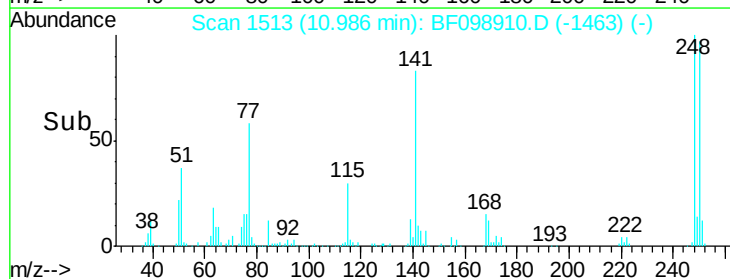
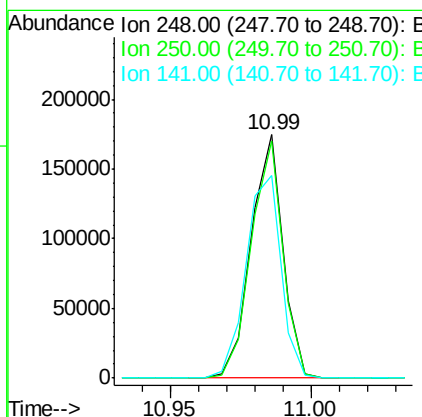
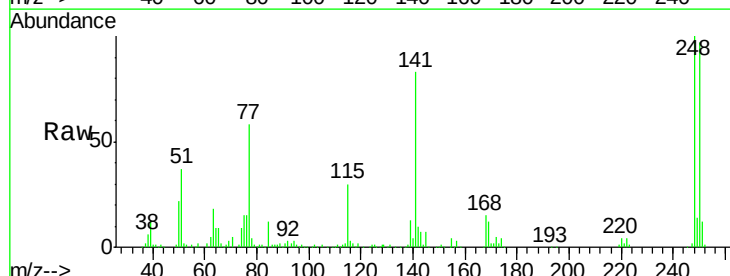
Instrument :
 BNA_F
 ClientSampleId :

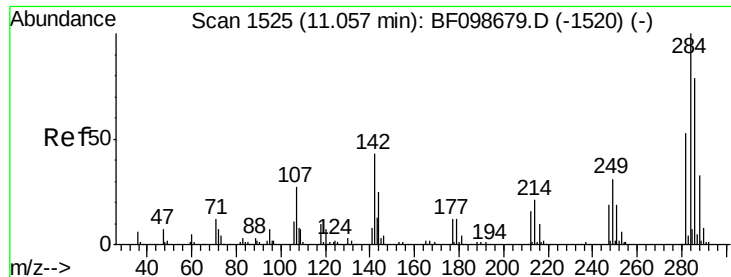
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.90 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	83.3	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.84 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampled :

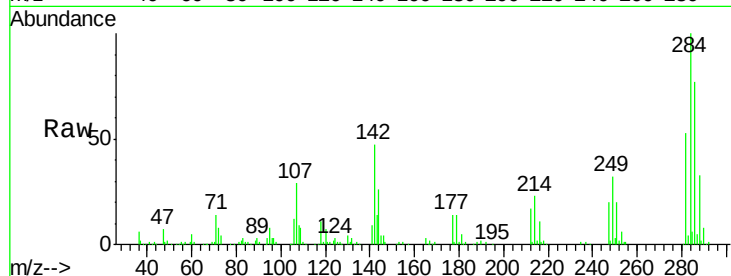
Tot Ion:284 Resp: 129191

Ion Ratio Lower Upper

284 100

142 47.2 34.6 52.0

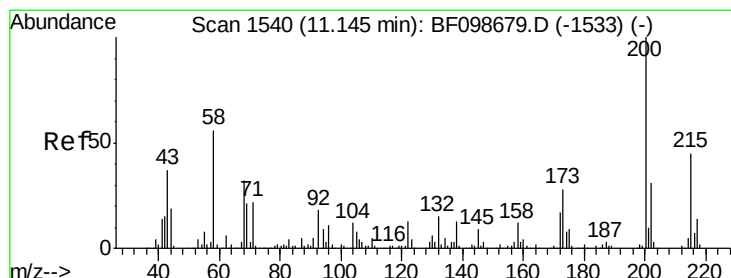
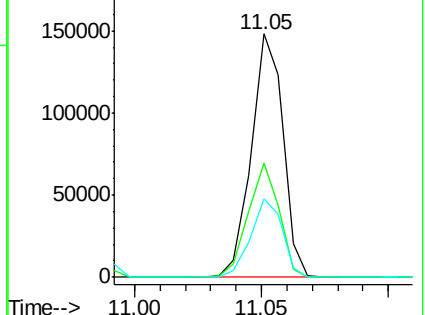
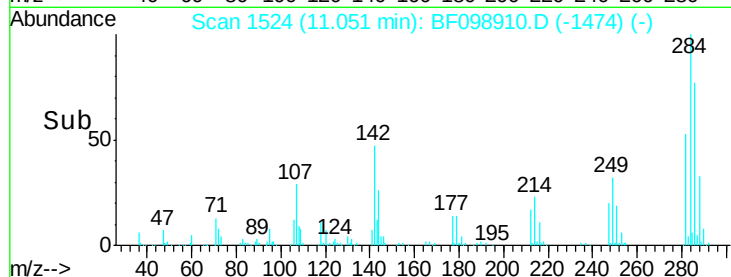
249 32.4 24.8 37.2



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: 41.63 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

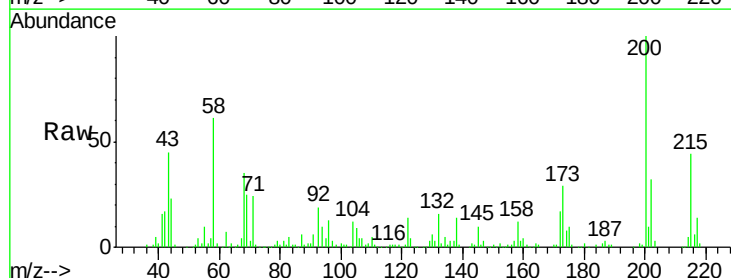
Tgt Ion:200 Resp: 138054

Ion Ratio Lower Upper

200 100

173 29.0 8.6 48.6

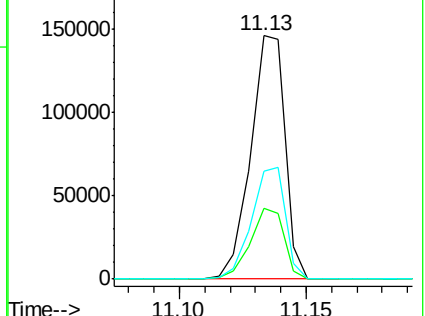
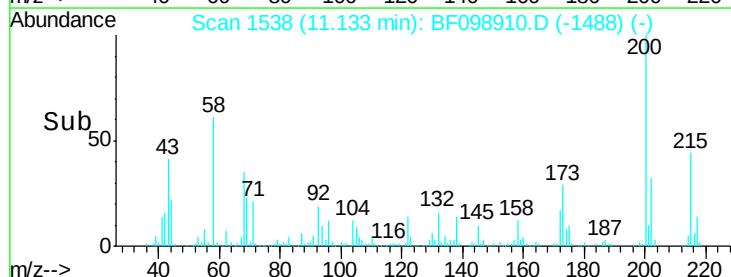
215 44.1 25.1 65.1

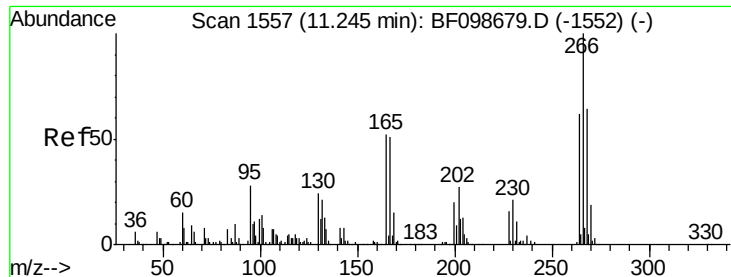


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.52 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampled :

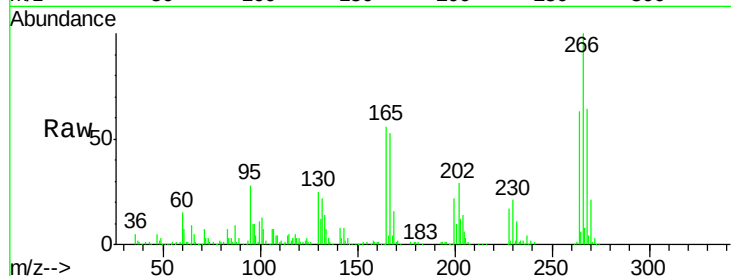
Tot Ion:266 Resp: 135609

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

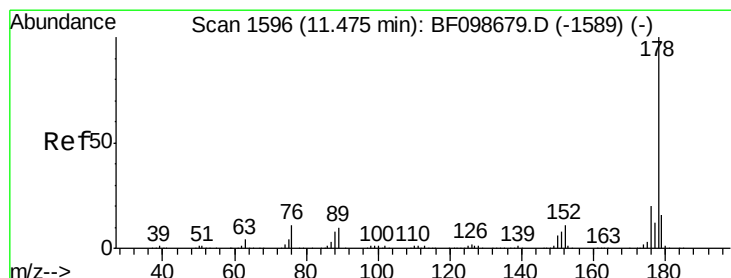
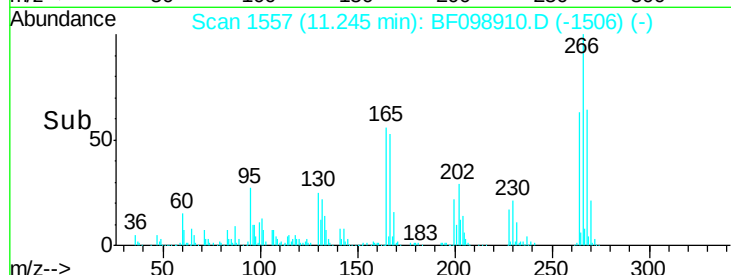
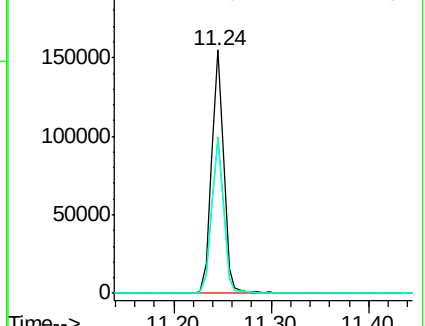
264 63.3 49.5 74.3



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: 42.47 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

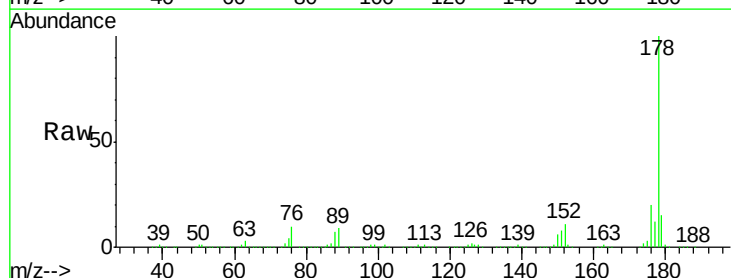
Tgt Ion:178 Resp: 723121

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

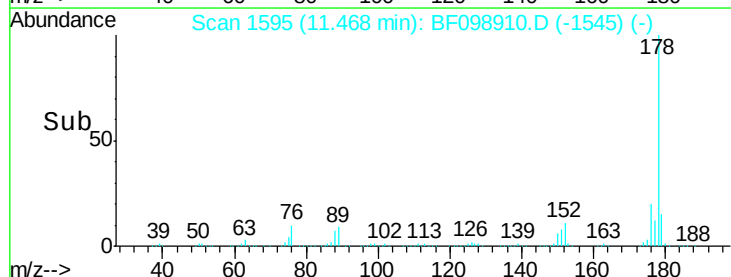
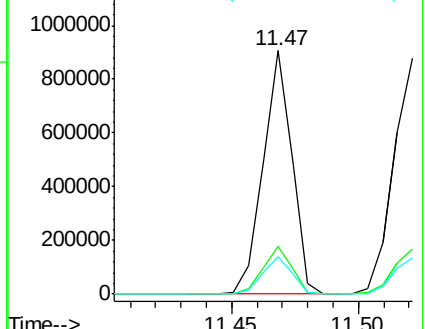
179 15.5 13.0 19.6

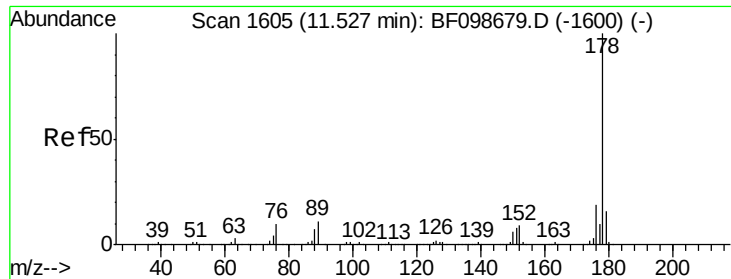


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

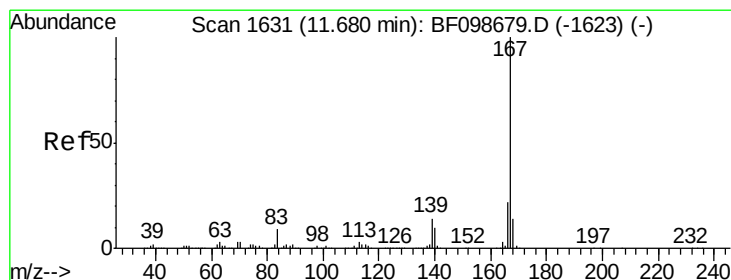
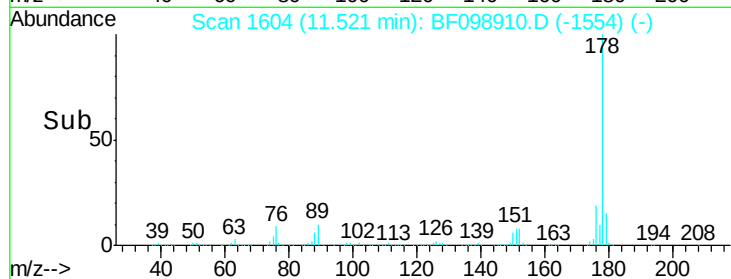
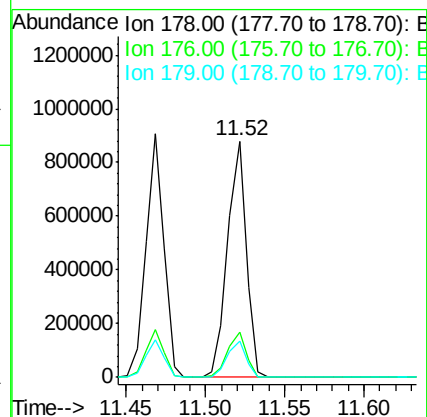
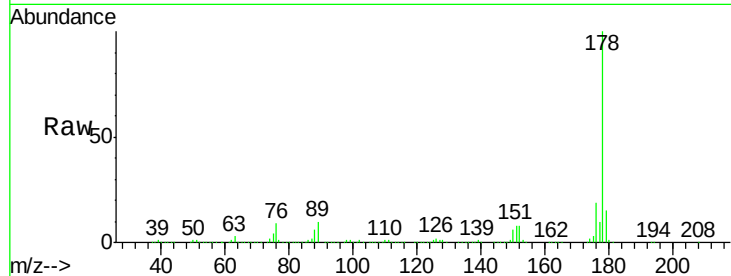




#71
 Anthracene
 Concen: 41.81 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

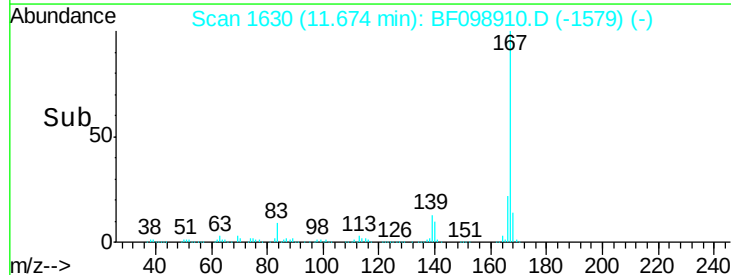
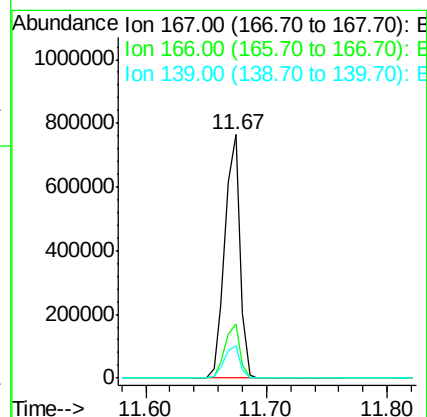
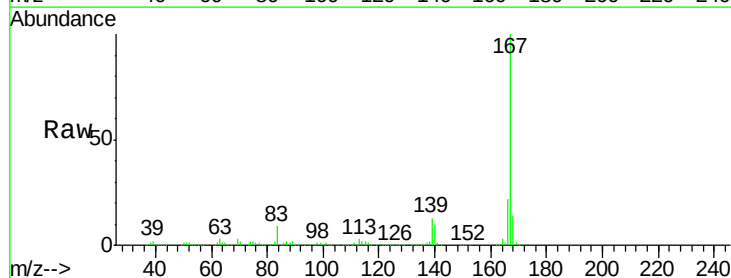
Instrument :
 BNA_F
 ClientSampleId :

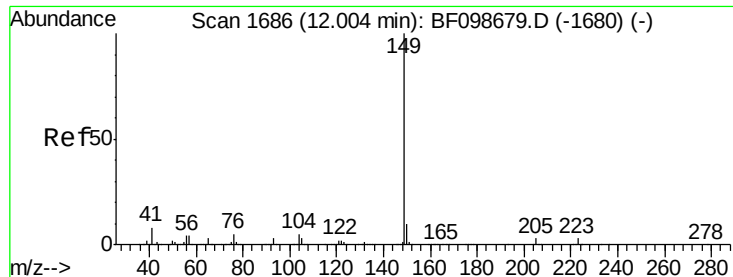
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0



#72
 Carbazole
 Concen: 38.68 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.16 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

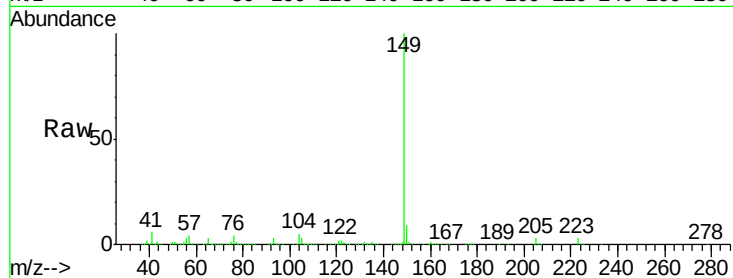
Tot Ion:149 Resp: 865809

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

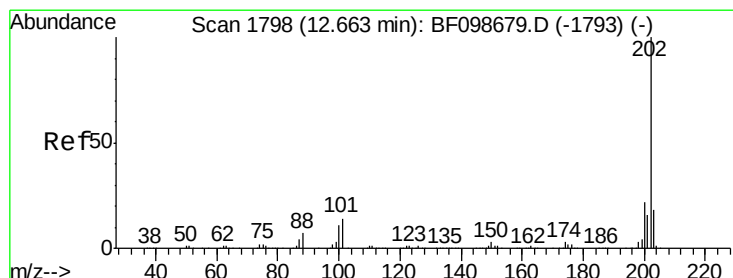
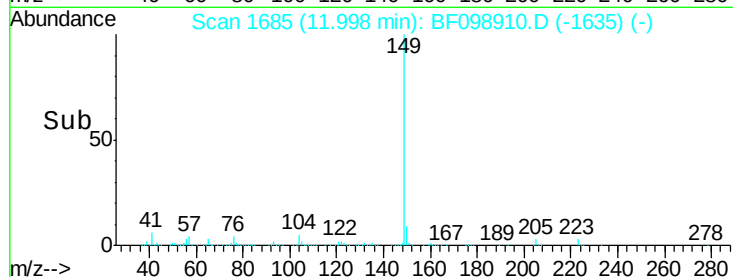
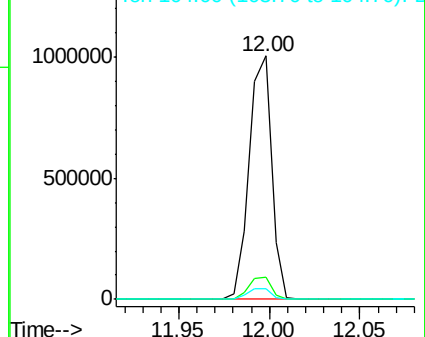
104 4.6 3.8 5.8



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: 42.14 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

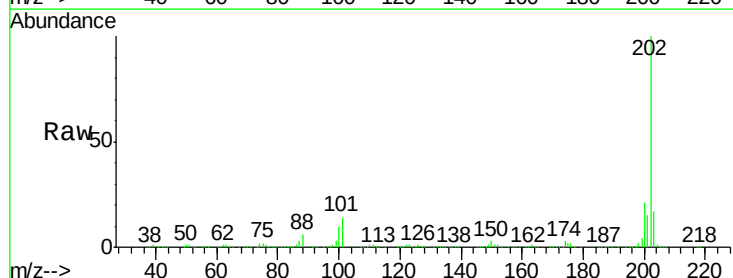
Tgt Ion:202 Resp: 726655

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

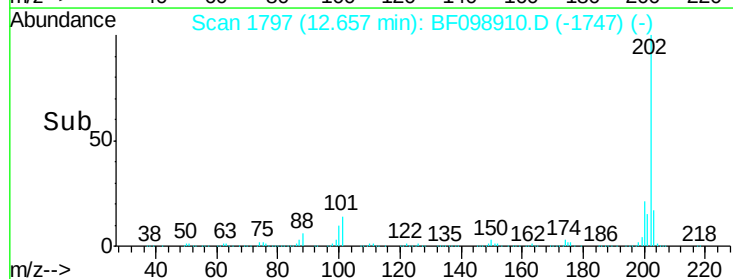
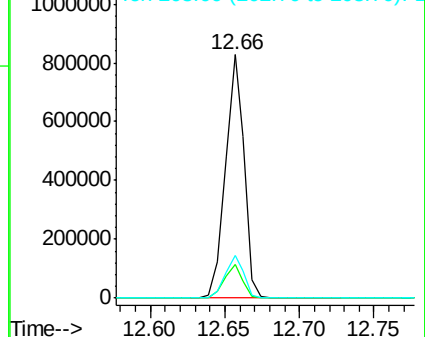
203 17.4 0.0 38.1

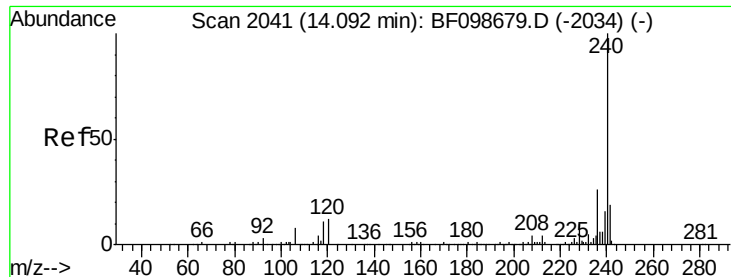


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF098910.D

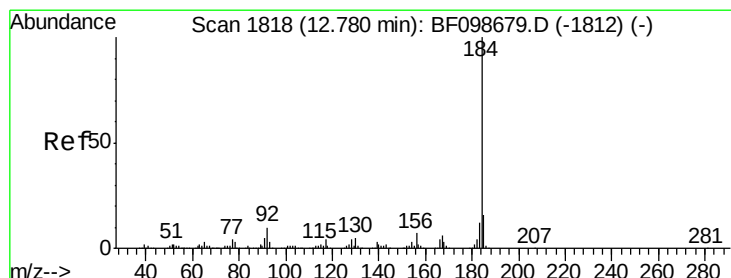
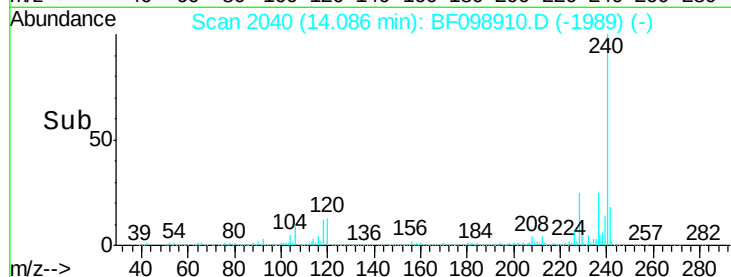
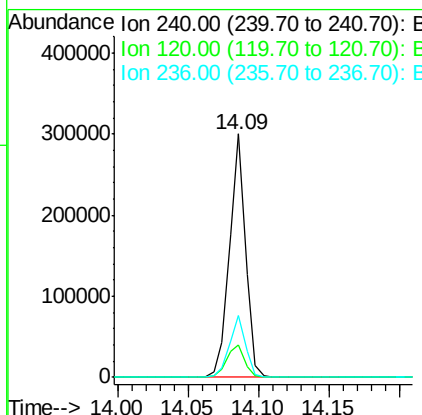
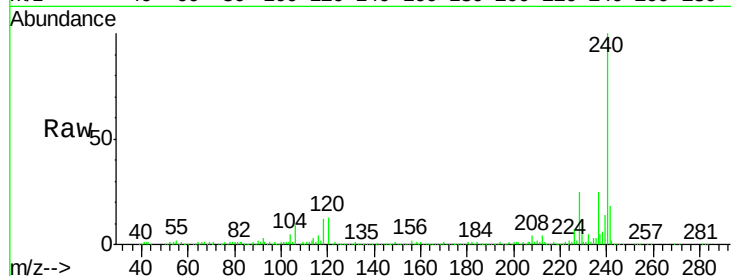
Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	238977
Ion Ratio	Lower	Upper
240	100	
120	13.3	9.5 14.3
236	25.2	20.7 31.1



#76

Benzidine

Concen: 5.40 ng

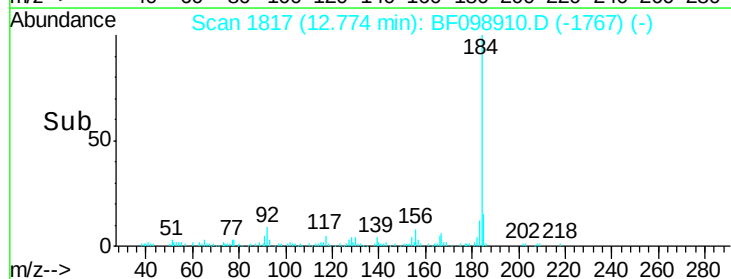
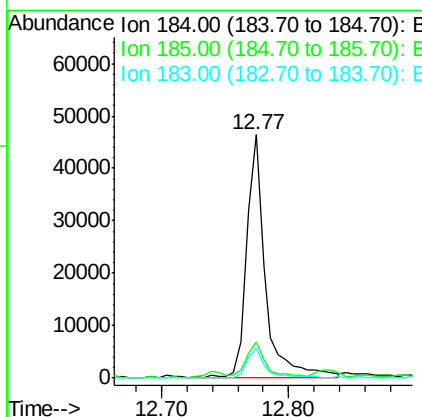
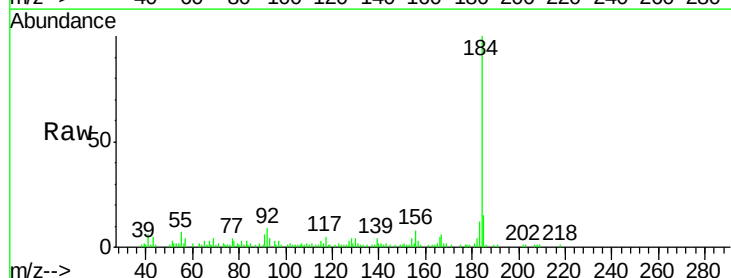
RT: 12.77 min Scan# 1817

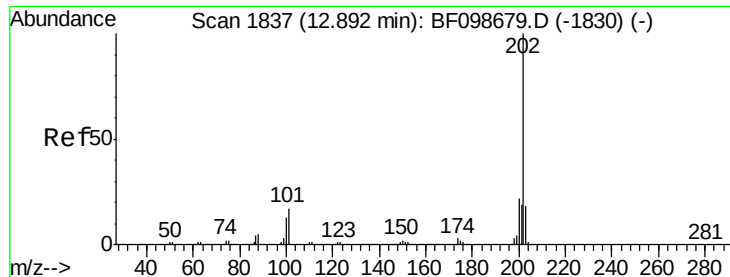
Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Tgt Ion:184	Resp:	47703
Ion Ratio	Lower	Upper
184	100	
185	14.9	12.6 18.8
183	12.1	9.3 13.9

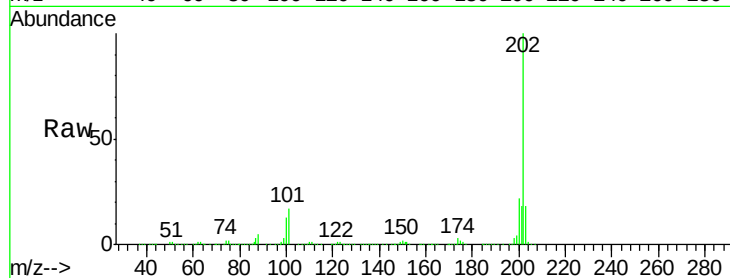




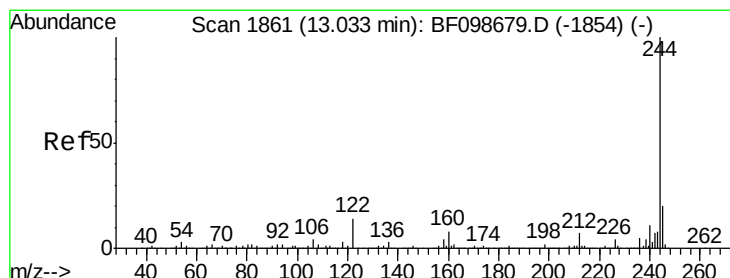
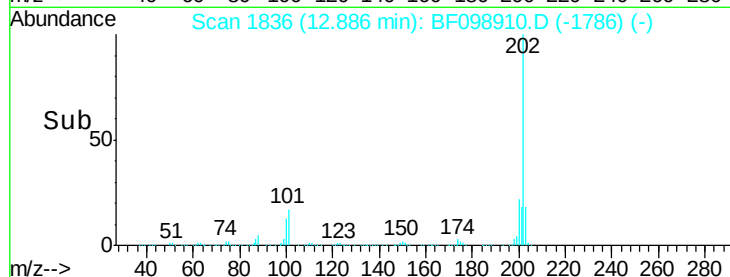
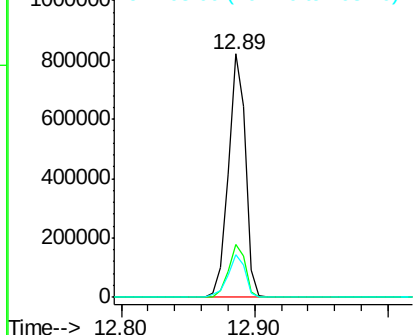
#77
Pvrene
Concen: 40.82 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 743792
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5

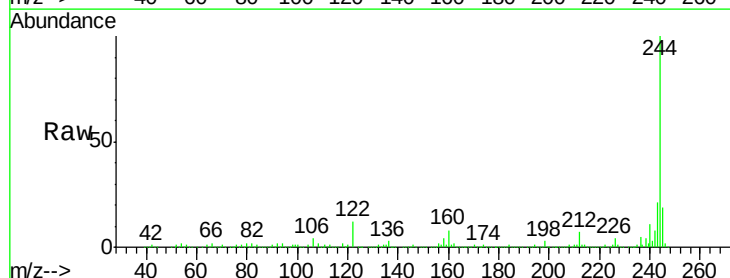


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

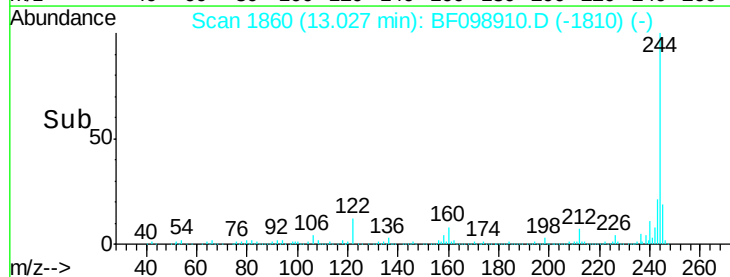
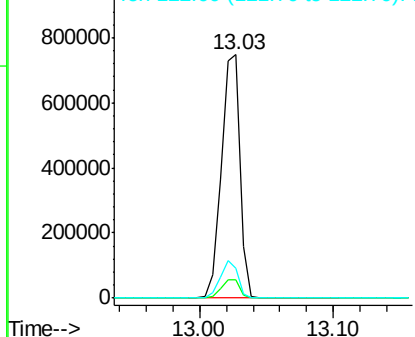


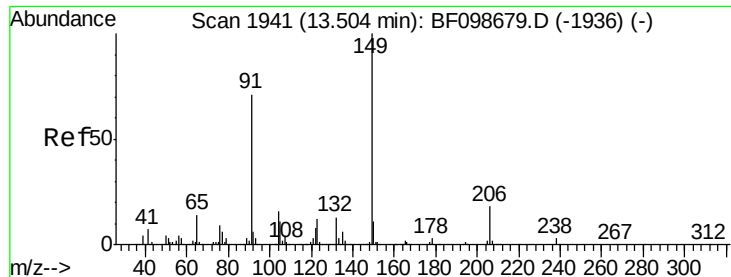
#78
Terphenyl-d14
Concen: 70.18 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:244 Resp: 737512
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 12.1 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

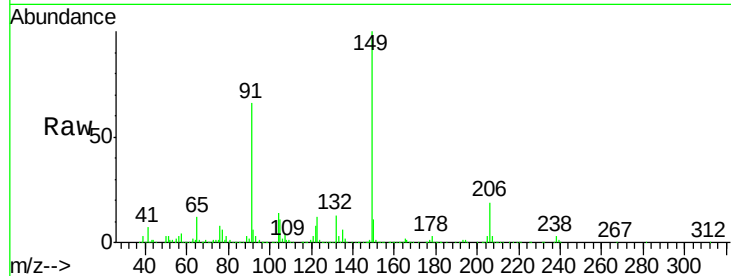




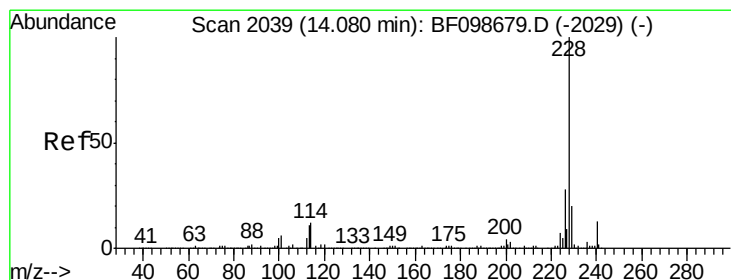
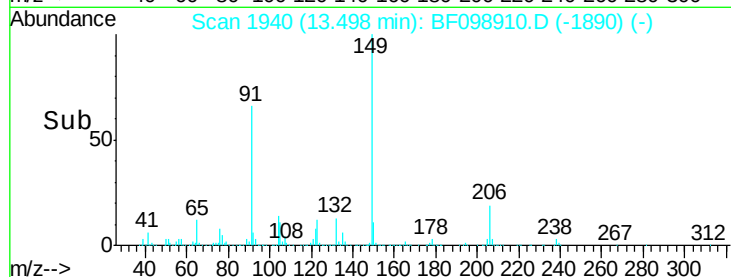
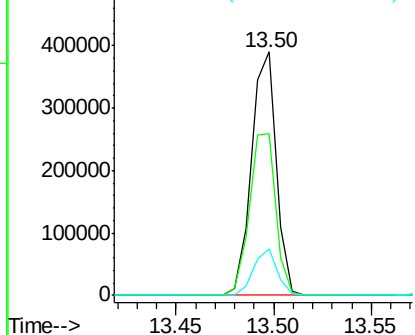
#79
Butylbenzylphthalate
Concen: 39.93 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.4	56.8	85.2
206	19.2	14.1	21.1

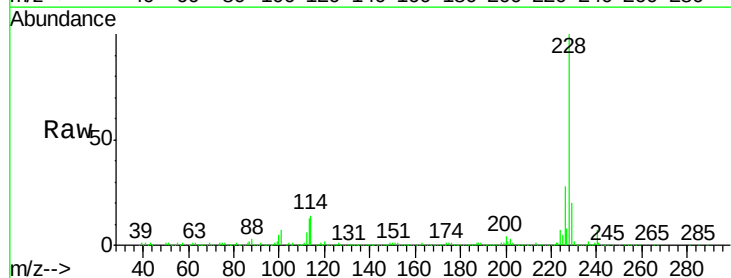


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

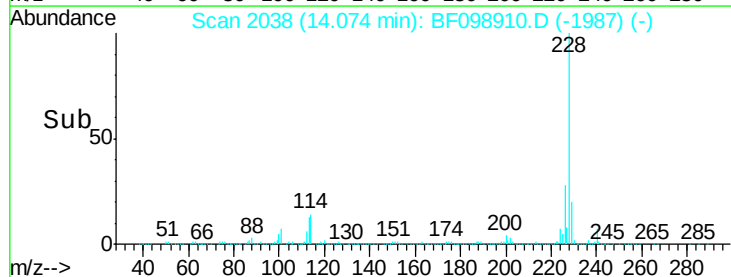
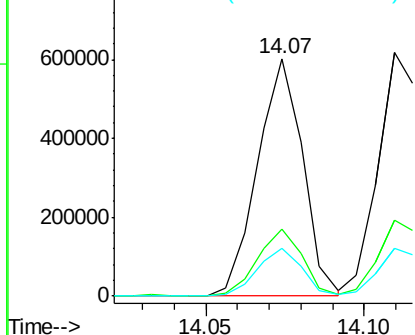


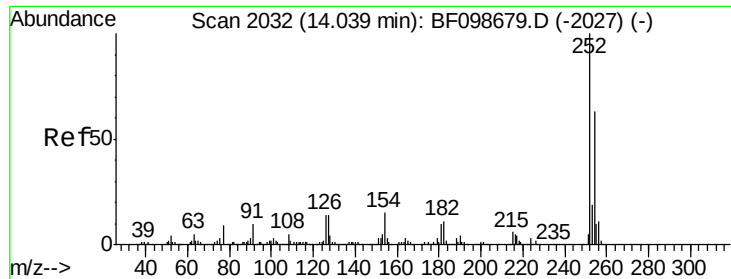
#80
Benzo(a)anthracene
Concen: 41.15 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	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

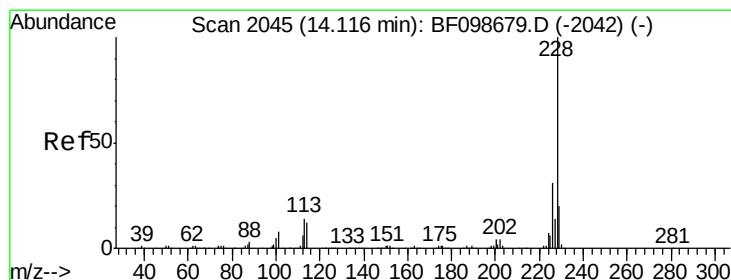
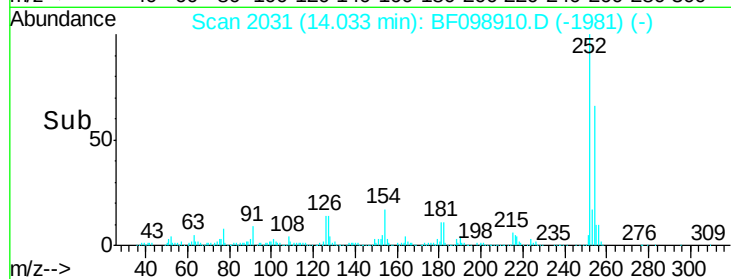
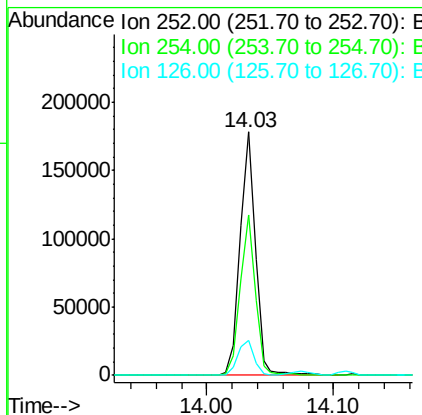
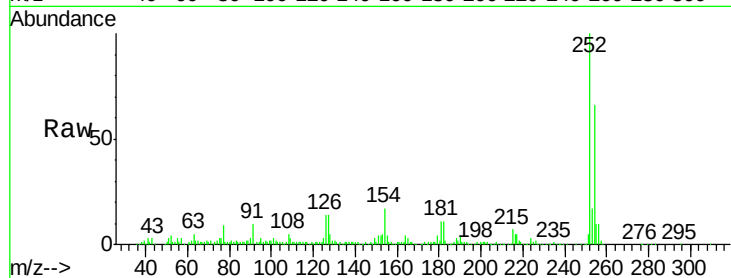




#81
 3,3'-Dichlorobenzidine
 Concen: 28.11 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

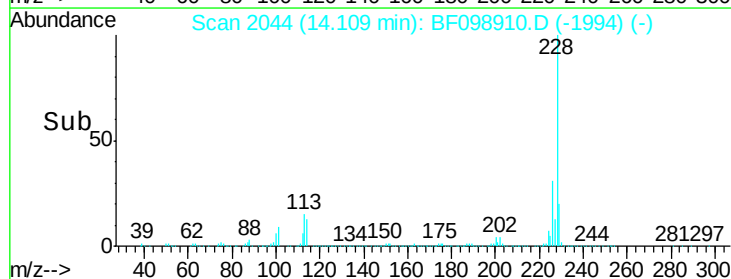
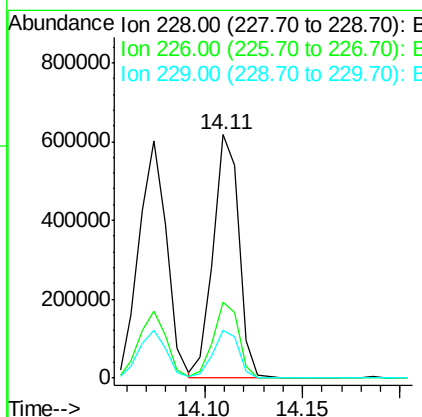
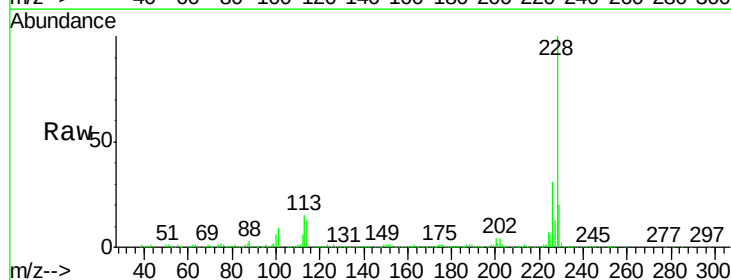
Instrument :
 BNA_F
 ClientSampleId :

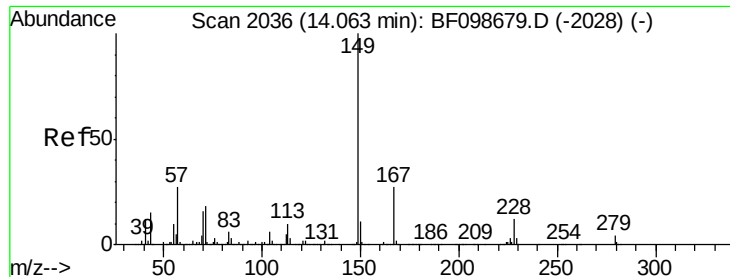
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 40.93 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4

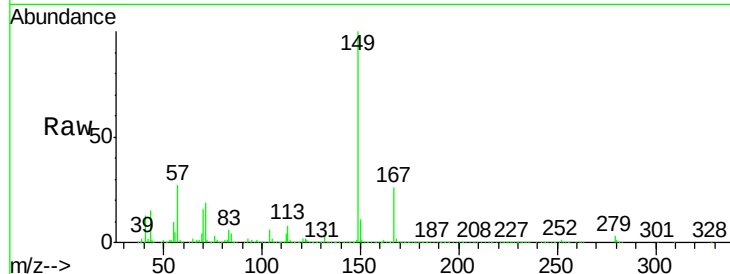




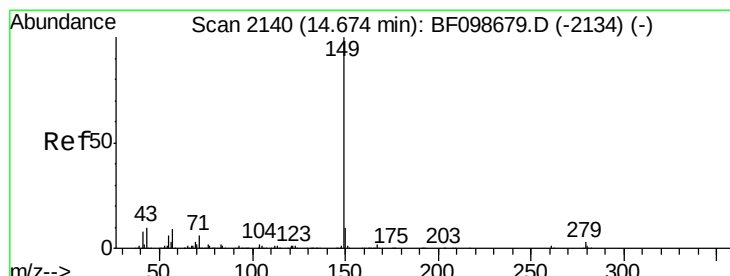
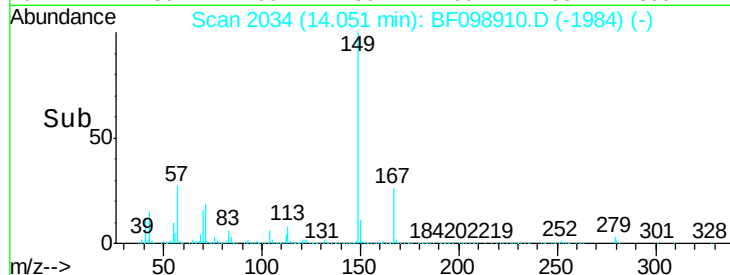
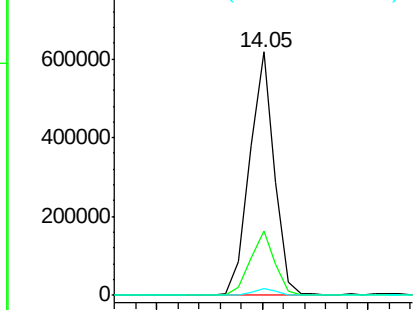
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.23 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.7	3.0	4.4#

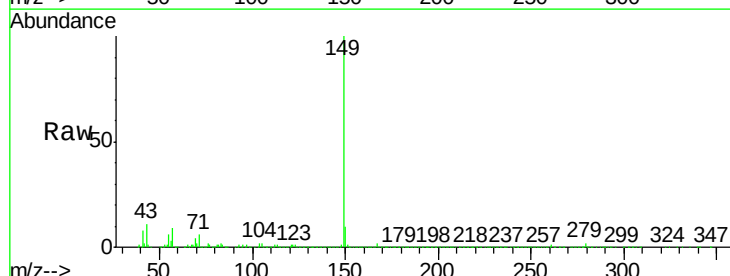


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

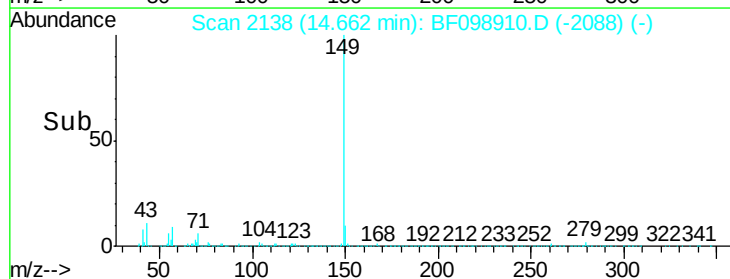
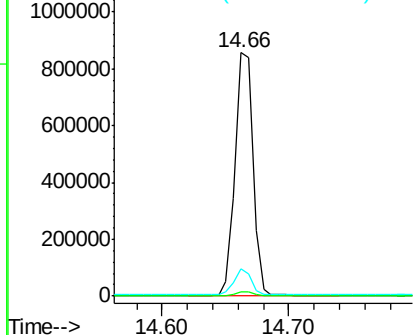


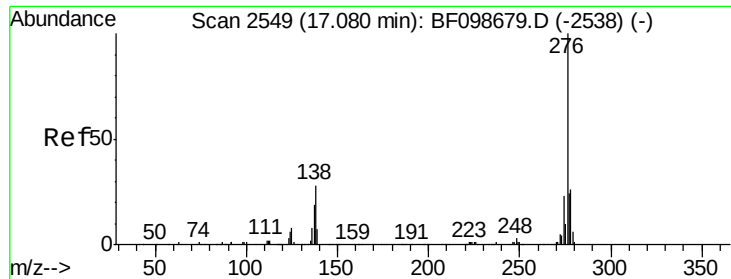
#84
 Di-n-octyl phthalate
 Concen: 43.78 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	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

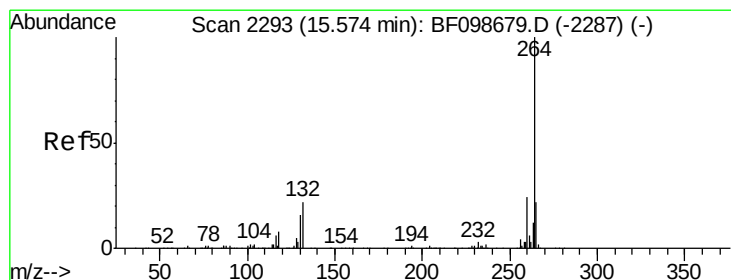
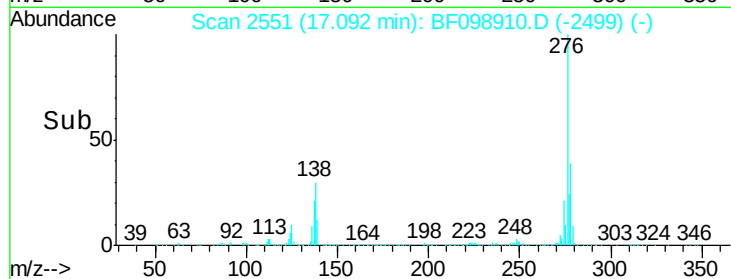
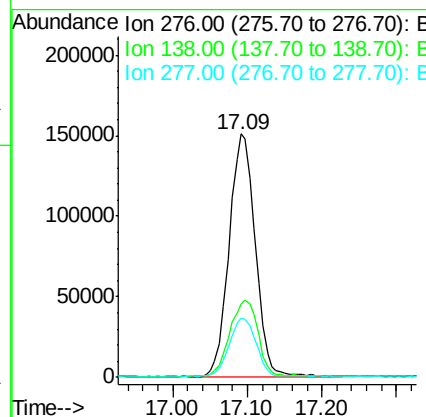
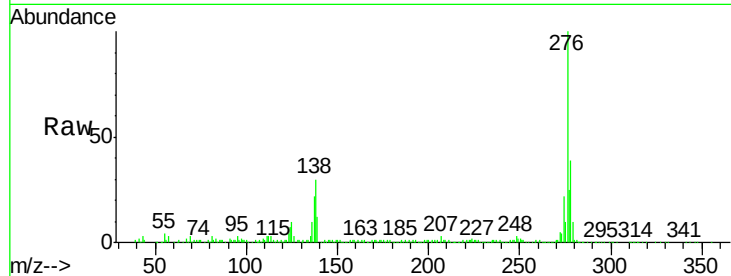




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.33 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

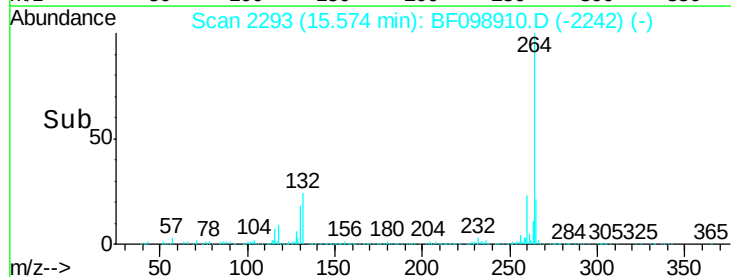
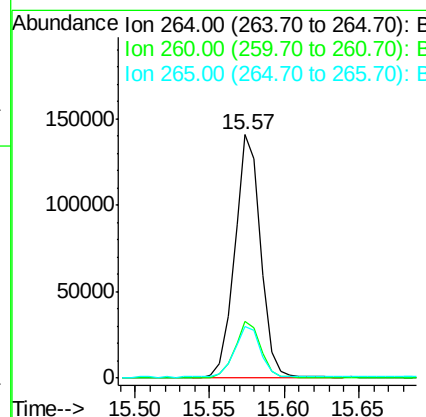
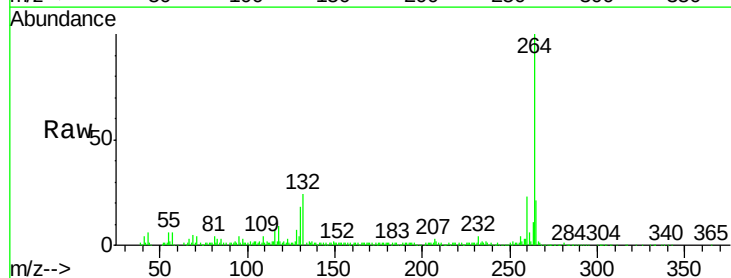
Instrument :
 BNA_F
 ClientSampleId :

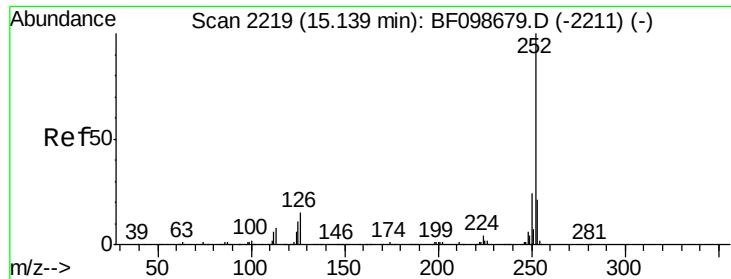
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3

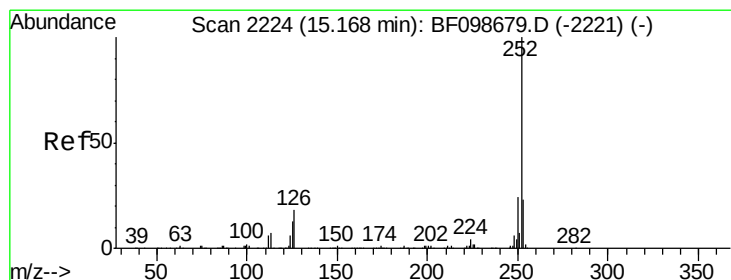
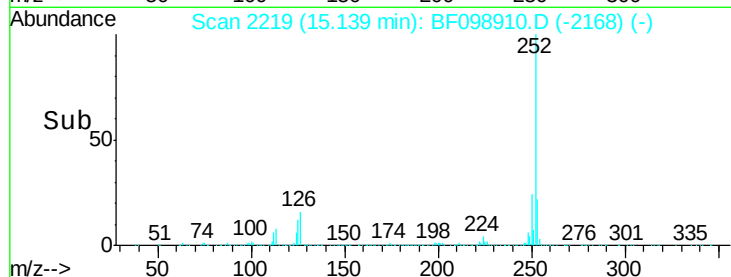
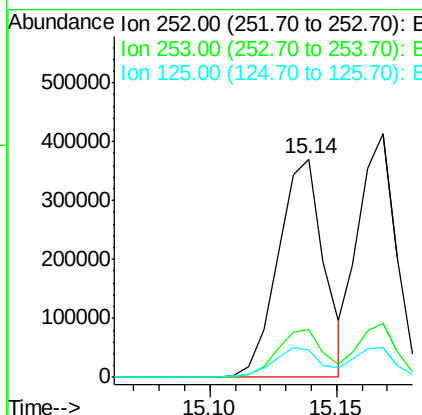
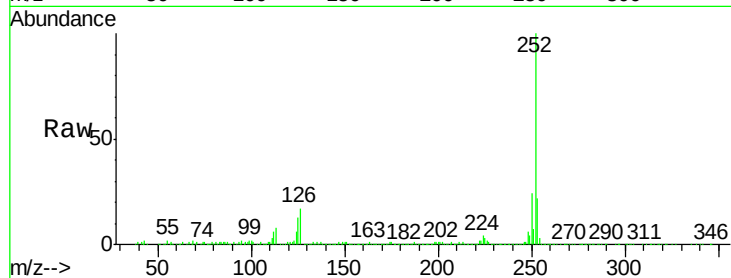




#87
Benzo(b)fluoranthene
Concen: 43.81 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

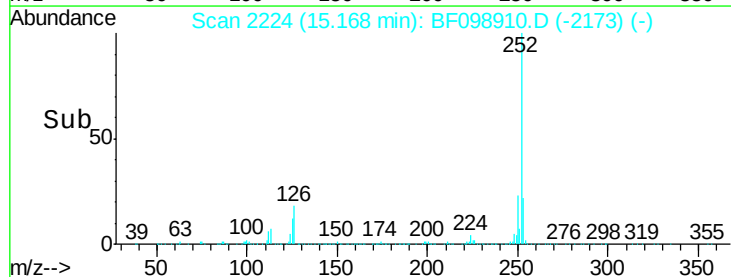
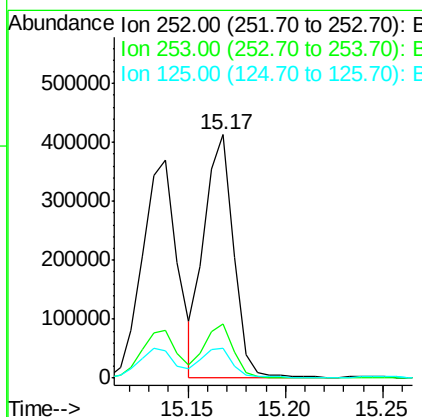
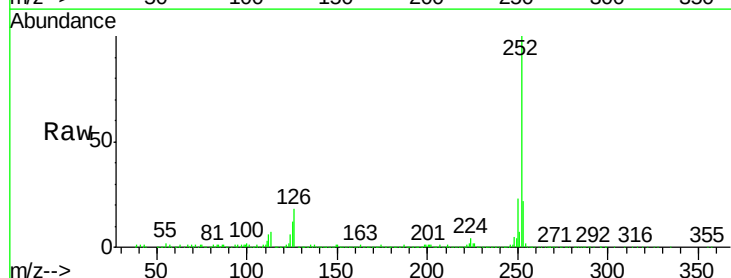
Instrument :
BNA_F
ClientSampled :

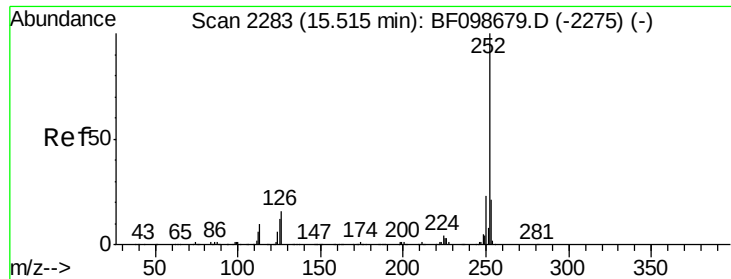
Tot Ion:252 Resp: 463181
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.06 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:252 Resp: 428758
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.5 10.2 15.2

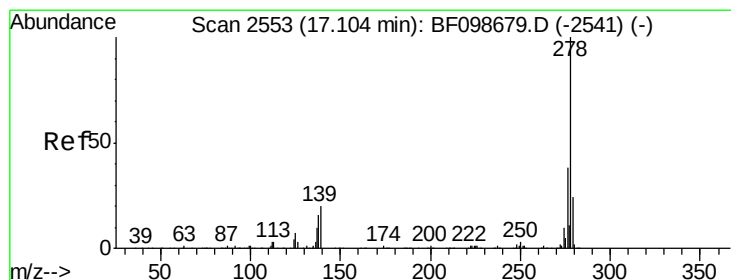
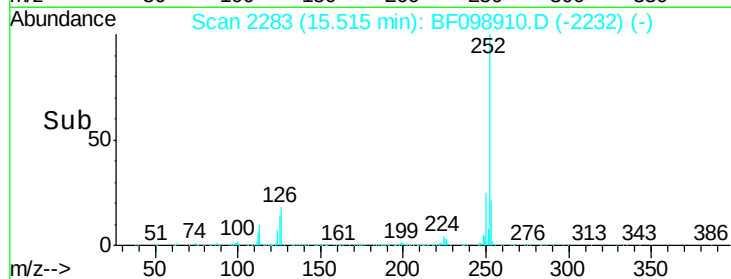
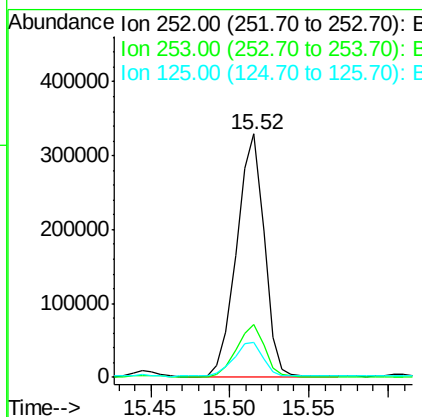
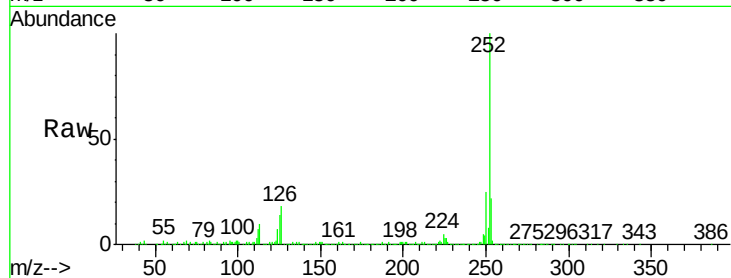




#89
Benzo(a)pyrene
Concen: 41.21 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

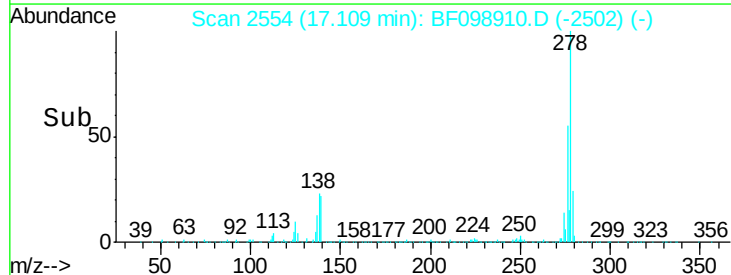
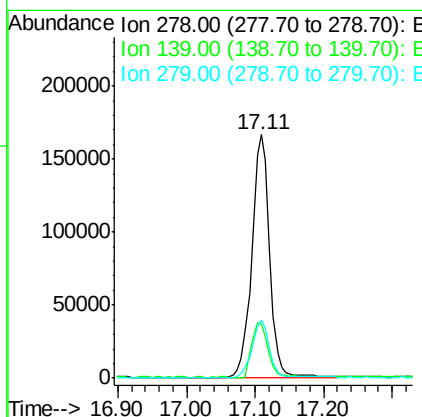
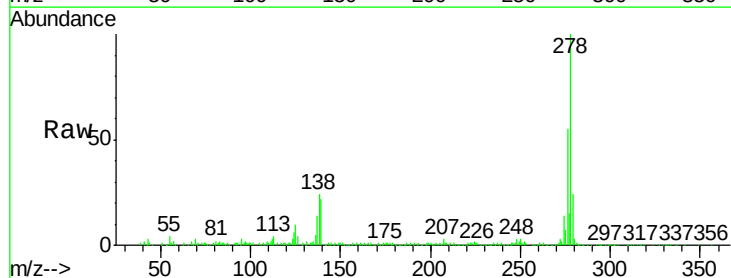
Instrument :
BNA_F
ClientSampleId :

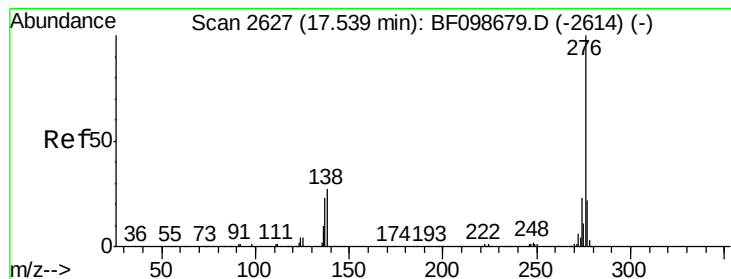
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.19 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	23.8	19.0	28.4

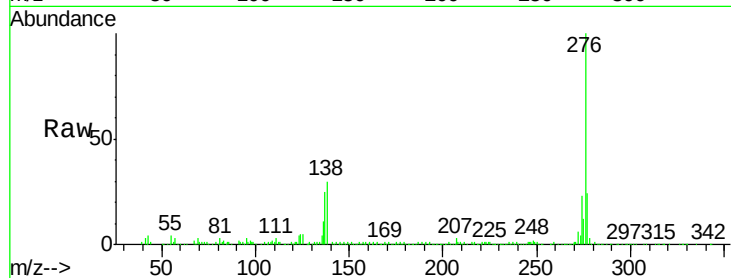




#91
 Benzo(a,h,i)perylene
 Concen: 38.74 ng
 RT: 17.56 min Scan# 2630
 Delta R.T. 0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	29.6	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

