

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098328.D
 Acq On : 7 Sep 2017 22:01
 Operator : SJ/JU
 Sample : I5071-03MSD 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

Quant Time: Sep 08 02:52:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103204	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	383132	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	154192	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	272316	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	242190	20.00	ng	-0.02
86) Perylene-d12	15.25	264	171032	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	141177	20.81	ng	-0.02
7) Phenol-d6	6.33	99	187642	20.35	ng	-0.02
23) Nitrobenzene-d5	7.25	82	104929	14.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	25510	19.07	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	167974	16.01	ng	-0.02
78) Terphenyl-d14	12.79	244	126949	10.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	21339	5.639	ng	# 79
3) Pyridine	3.03	79	49234	4.707	ng	# 83
4) n-Nitrosodimethylamine	2.95	42	18509	4.599	ng	# 69
6) Aniline	6.35	93	59693	4.609	ng	# 43
8) 2-Chlorophenol	6.47	128	47006	6.569	ng	# 99
10) Phenol	6.35	94	70109	6.503	ng	# 72
11) bis(2-Chloroethyl)ether	6.42	93	51741	6.358	ng	# 99
12) 1,3-Dichlorobenzene	6.63	146	46944	6.099	ng	# 92
13) 1,4-Dichlorobenzene	6.70	146	46504	5.941	ng	# 91
14) 1,2-Dichlorobenzene	6.86	146	44979	6.232	ng	# 99
15) Benzyl Alcohol	6.83	79	43144	6.251	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	6.97	45	64434	5.885	ng	# 85
17) 2-Methylphenol	6.96	107	41024	6.506	ng	# 94
18) Hexachloroethane	7.20	117	9453	3.080	ng	# 75
19) n-Nitroso-di-n-propylamine	7.10	70	38739	6.139	ng	# 87
20) 3+4-Methylphenols	7.11	107	54001	7.012	ng	# 72
22) Acetophenone	7.10	105	72241	7.137	ng	# 83
24) Nitrobenzene	7.27	77	54714	6.968	ng	# 93
25) Isophorone	7.51	82	99814	6.806	ng	# 96
26) 2-Nitrophenol	7.59	139	11264	8.783	ng	# 80
27) 2,4-Dimethylphenol	7.63	122	40630	6.643	ng	# 94
28) bis(2-Chloroethoxy)methane	7.73	93	64532	6.693	ng	# 97
29) 2,4-Dichlorophenol	7.85	162	32952	6.491	ng	# 94
30) 1,2,4-Trichlorobenzene	7.92	180	36084	6.411	ng	# 99
31) Naphthalene	7.99	128	132232	6.648	ng	# 99
33) 4-Chloroaniline	8.05	127	44492	5.304	ng	# 97
34) Hexachlorobutadiene	8.11	225	20401	6.208	ng	# 98
35) Caprolactam	8.38	113	10583	6.132	ng	# 95
36) 4-Chloro-3-methylphenol	8.54	107	38971	5.974	ng	# 82
37) 2-Methylnaphthalene	8.69	142	82383	6.756	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	32490	6.866	ng	# 99
42) 2,4,6-Trichlorophenol	8.97	196	19653	6.186	ng	# 93
43) 2,4,5-Trichlorophenol	9.02	196	20655	6.553	ng	# 96
45) 1,1'-Biphenyl	9.15	154	94418	6.715	ng	# 97

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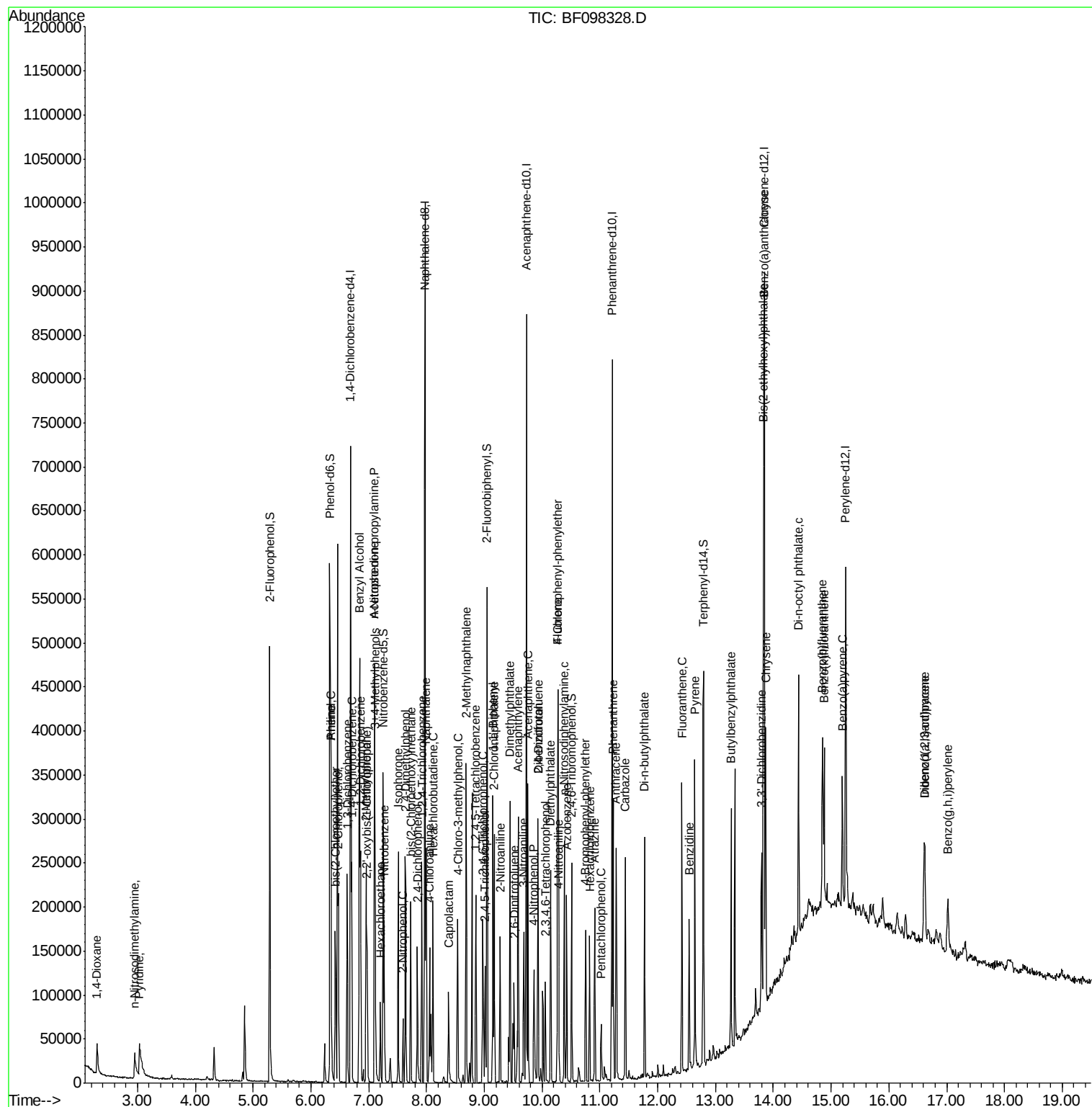
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.17	162	67819	6.528	ng	92
47) 2-Nitroaniline	9.27	65	25811	7.411	ng	96
48) Acenaphthylene	9.59	152	108999	6.681	ng	97
49) Dimethylphthalate	9.45	163	105749	9.382	ng	100
50) 2,6-Dinitrotoluene	9.52	165	11488	5.106	ng	# 68
51) Acenaphthene	9.76	154	63660	6.187	ng	98
52) 3-Nitroaniline	9.68	138	20864	7.188	ng	87
54) Dibenzofuran	9.93	168	95192	6.903	ng	99
55) 4-Nitrophenol	9.86	139	18016	7.781	ng	# 54
56) 2,4-Dinitrotoluene	9.92	165	12884	4.563	ng	# 43
57) Fluorene	10.27	166	72971	6.844	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.06	232	14404	5.903	ng	# 93
59) Diethylphthalate	10.14	149	81794	6.940	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	33774	6.819	ng	89
61) 4-Nitroaniline	10.29	138	21532	7.805	ng	# 72
62) Azobenzene	10.43	77	86661	6.190	ng	93
65) n-Nitrosodiphenylamine	10.39	169	63795	6.880	ng	98
66) 4-Bromophenyl-phenylether	10.76	248	18627	6.587	ng	93
67) Hexachlorobenzene	10.82	284	17692	6.138	ng	# 87
68) Atrazine	10.91	200	17217	7.001	ng	97
69) Pentachlorophenol	11.02	266	7478	4.450	ng	95
70) Phenanthrene	11.23	178	103955	7.164	ng	99
71) Anthracene	11.29	178	101394	6.889	ng	98
72) Carbazole	11.44	167	95526	6.838	ng	97
73) Di-n-butylphthalate	11.77	149	121739	7.565	ng	98
74) Fluoranthene	12.42	202	122122	8.063	ng	97
76) Benzidine	12.54	184	60765	7.652	ng	# 92
77) Pvrene	12.64	202	125339	6.328	ng	97
79) Butylbenzylphthalate	13.27	149	50459	6.644	ng	# 71
80) Benzo(a)anthracene	13.83	228	99213	6.835	ng	98
81) 3,3'-Dichlorobenzidine	13.80	252	32852	6.707	ng	# 94
82) Chrysene	13.87	228	94378	6.536	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	75434	8.964	ng	98
84) Di-n-octyl phthalate	14.44	149	126044	8.608	ng	# 100
85) Indeno(1,2,3-cd)pvrene	16.61	276	59191	5.572	ng	92
87) Benzo(b)fluoranthene	14.85	252	83835	7.776	ng	99
88) Benzo(k)fluoranthene	14.88	252	64901	6.408	ng	96
89) Benzo(a)pyrene	15.19	252	67977	7.123	ng	# 95
90) Dibenzo(a,h)anthracene	16.62	278	47079	6.059	ng	96
91) Benzo(g,h,i)perylene	17.02	276	48489	5.981	ng	96

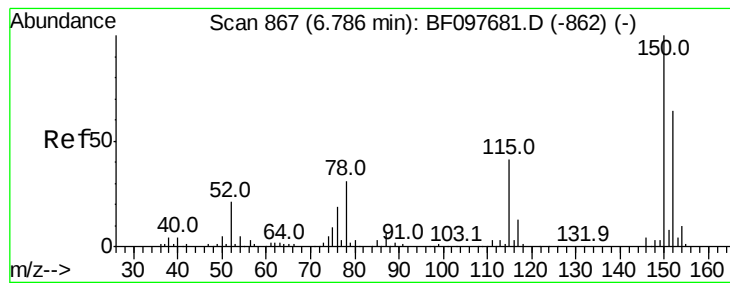
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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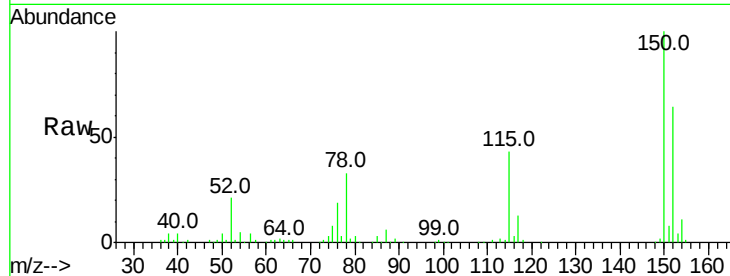


#1

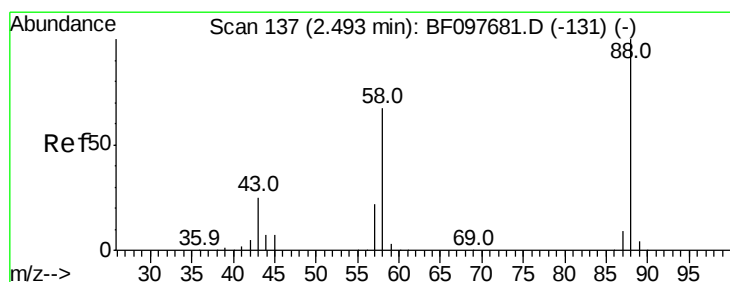
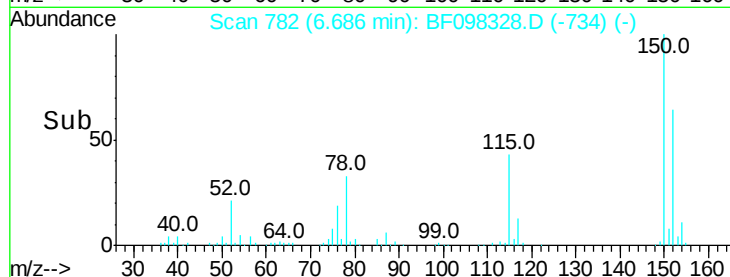
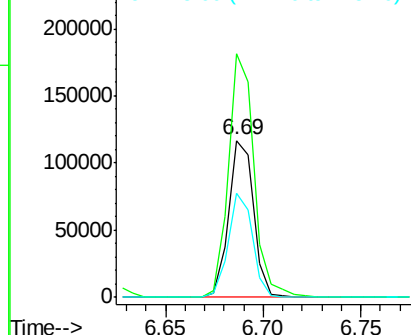
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

Tot Ion:152 Resp: 103204
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 66.3 52.2 78.2



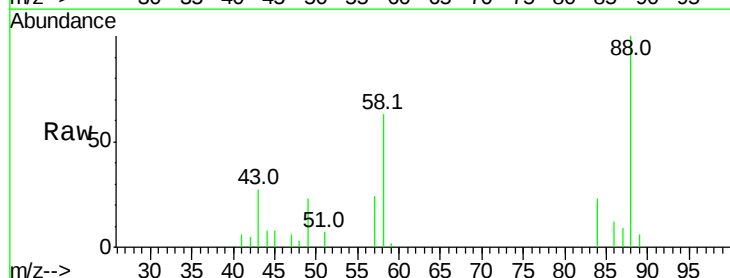
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



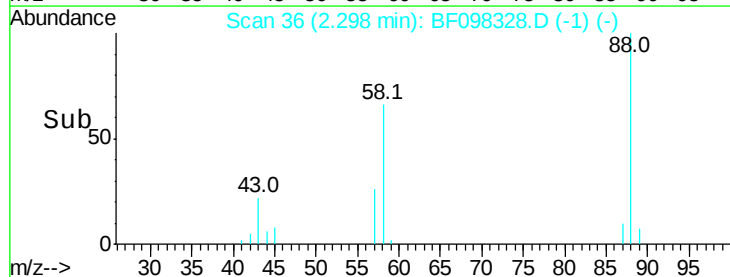
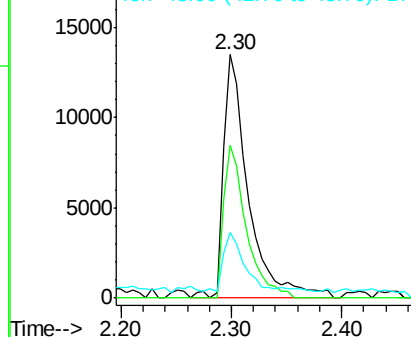
#2

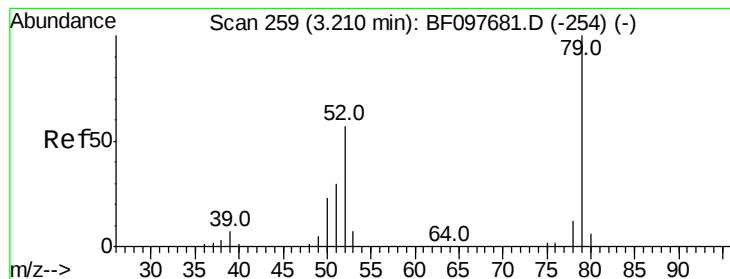
1,4-Dioxane
Concen: 5.639 ng
RT: 2.30 min Scan# 36
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion: 88 Resp: 21339
Ion Ratio Lower Upper
88 100
58 57.0 61.4 92.0#
43 20.2 23.4 35.0#



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





#3

Pvridine

Concen: 4.707 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

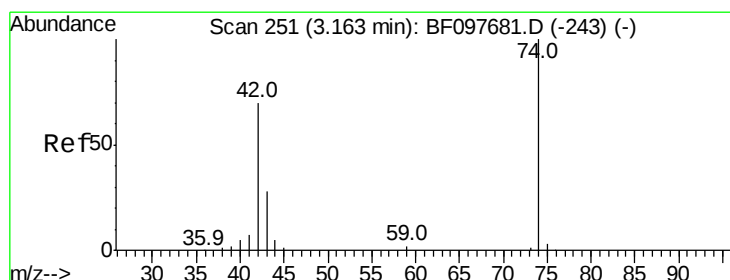
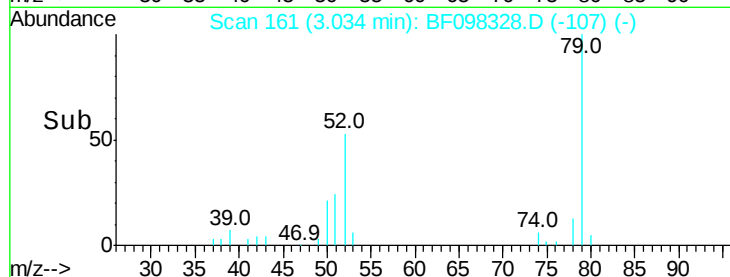
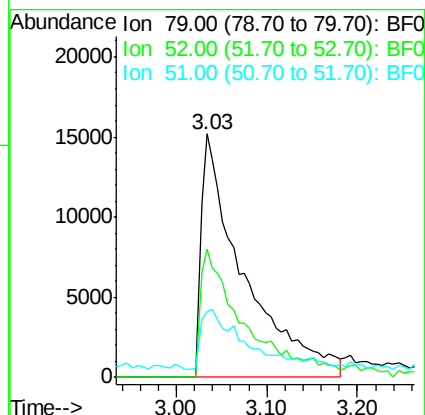
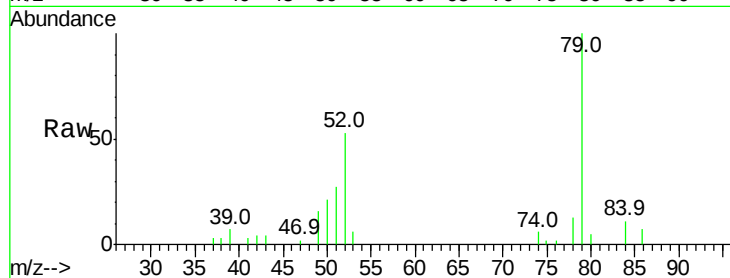
Tot Ion: 79 Resp: 49234

Ion Ratio Lower Upper

79 100

52 52.7 54.8 82.2#

51 26.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 4.599 ng

RT: 2.95 min Scan# 146

Delta R.T. -0.04 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

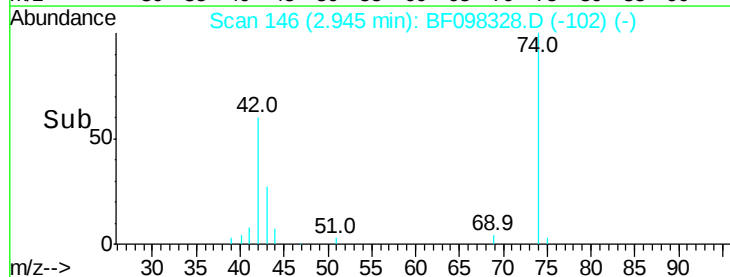
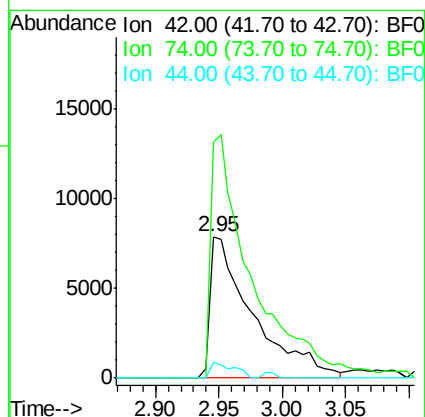
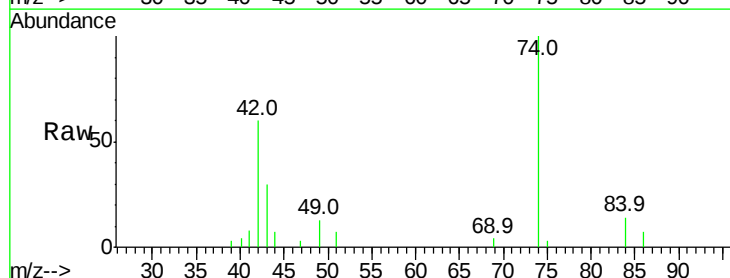
Tgt Ion: 42 Resp: 18509

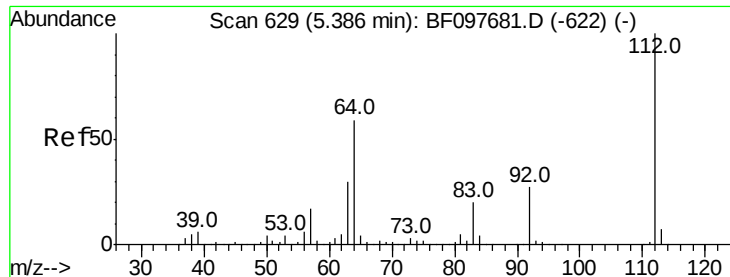
Ion Ratio Lower Upper

42 100

74 166.7 103.9 155.9#

44 11.4 5.7 8.5#





#5

2-Fluorophenol

Concen: 20.807 ng

RT: 5.29 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

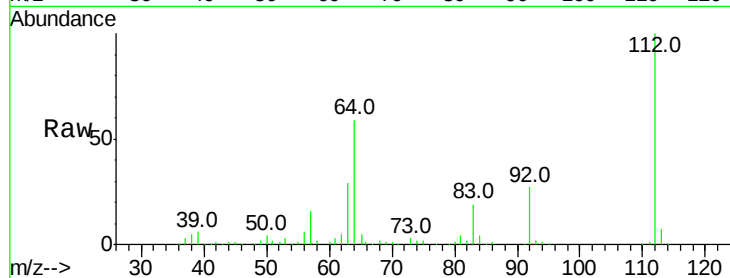
Tot Ion: 112 Resp: 141177

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

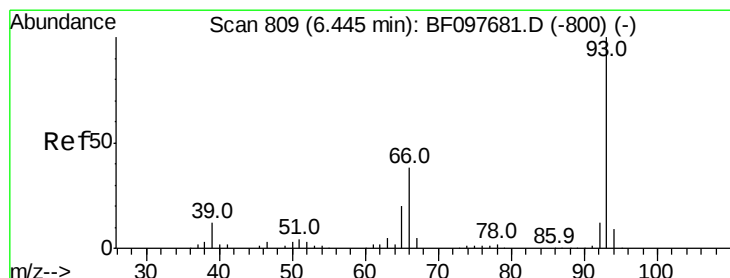
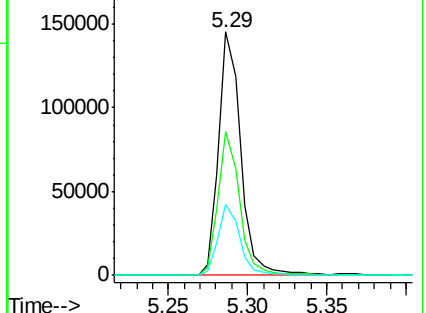
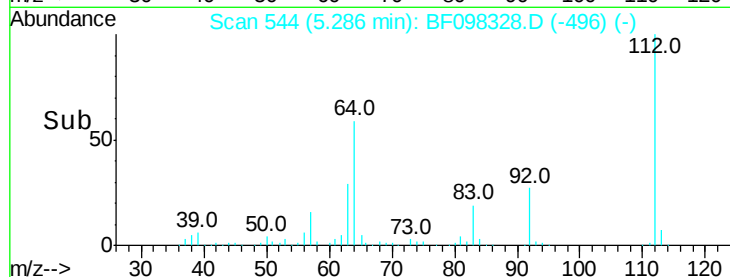
63 29.3 23.4 35.0



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: 4.609 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

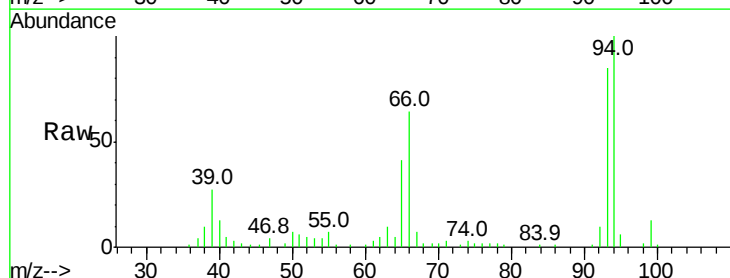
Tgt Ion: 93 Resp: 59693

Ion Ratio Lower Upper

93 100

66 75.7 32.9 49.3#

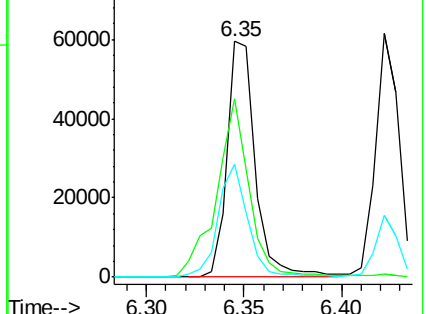
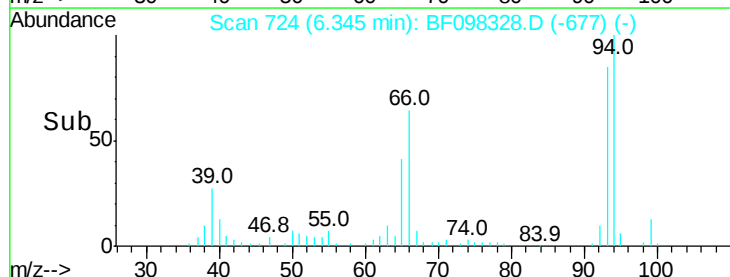
65 47.8 16.0 24.0#

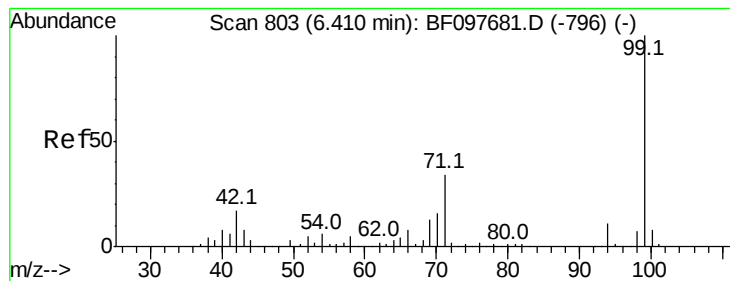


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 20.354 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

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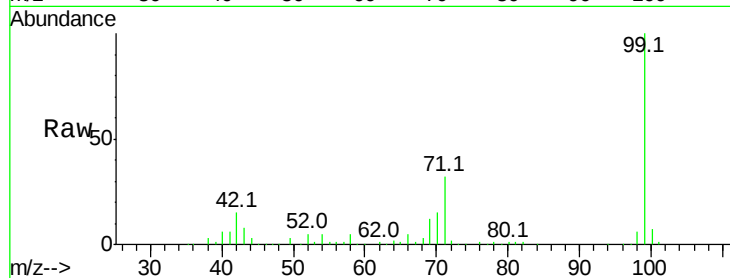
Tot Ion: 99 Resp: 187642

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

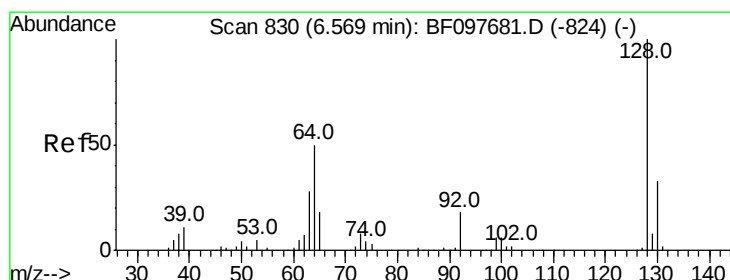
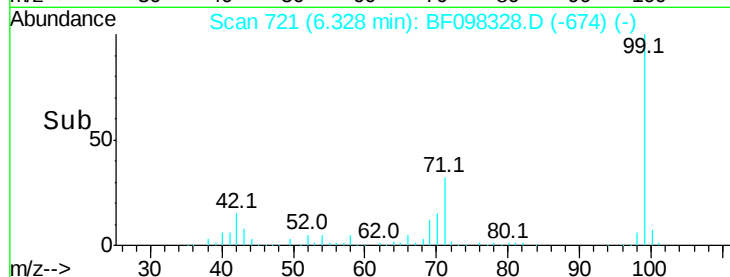
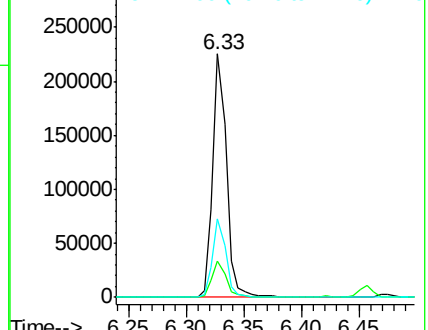
71 32.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 6.569 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

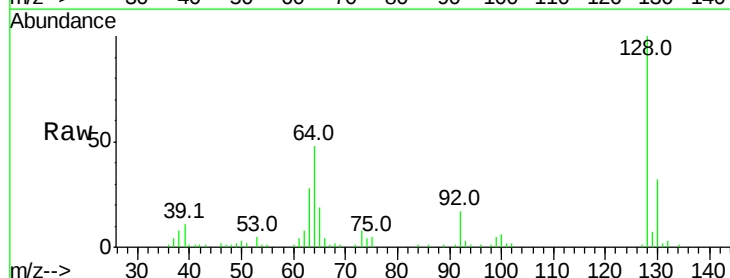
Tgt Ion:128 Resp: 47006

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

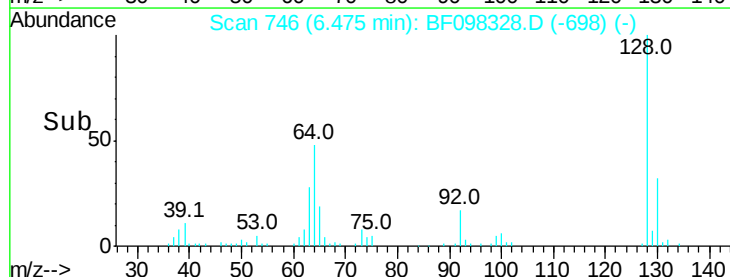
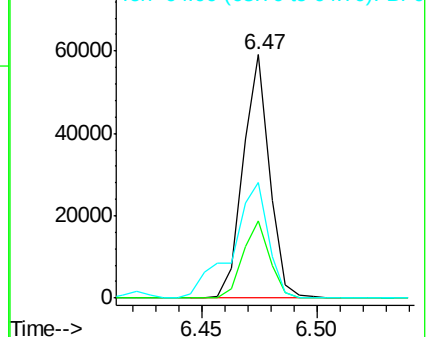
64 47.7 28.4 68.4

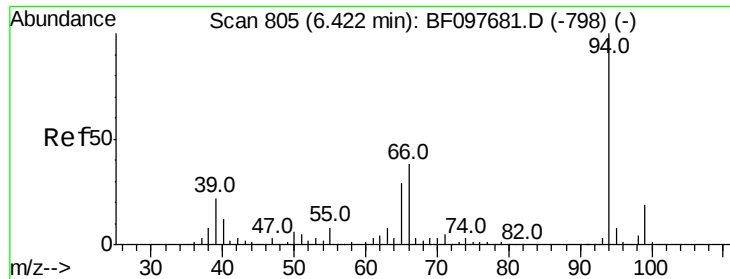


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 6.503 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF098328.D

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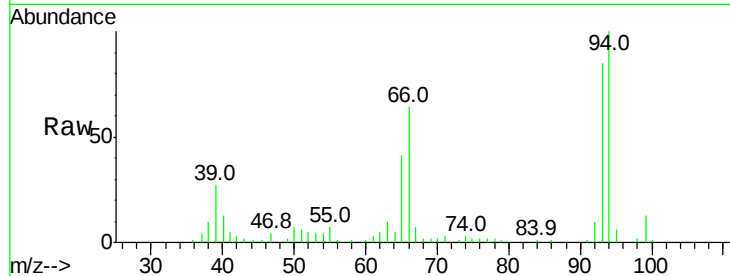
Tot Ion: 94 Resp: 70109

Ion Ratio Lower Upper

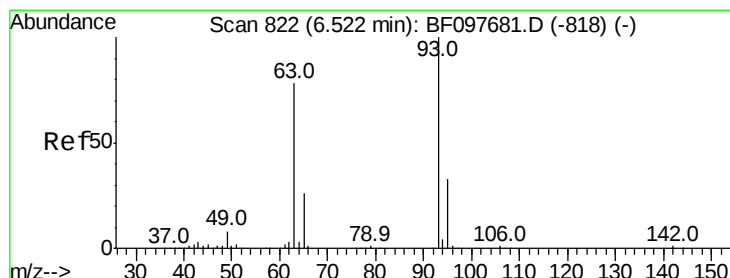
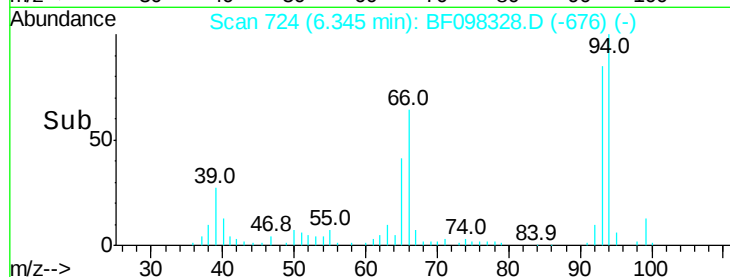
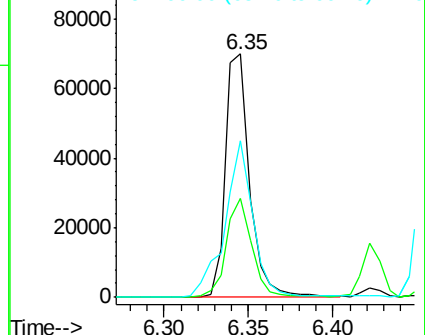
94 100

65 40.7 9.9 49.9

66 64.5 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 6.358 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

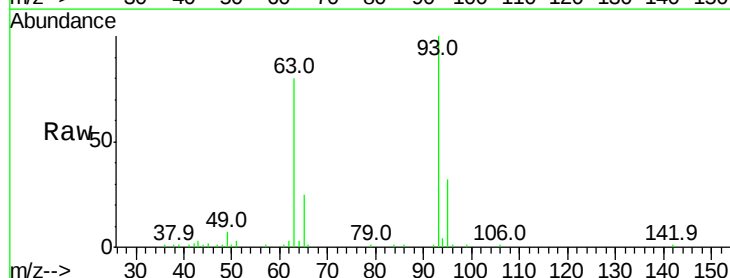
Tgt Ion: 93 Resp: 51741

Ion Ratio Lower Upper

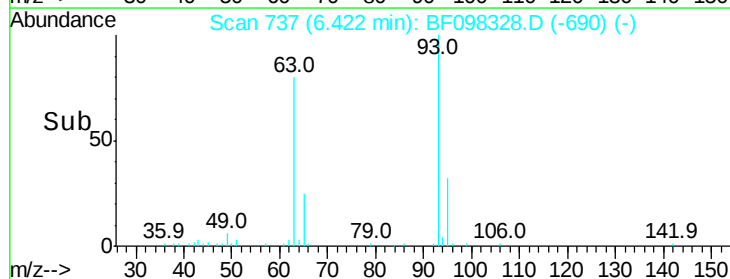
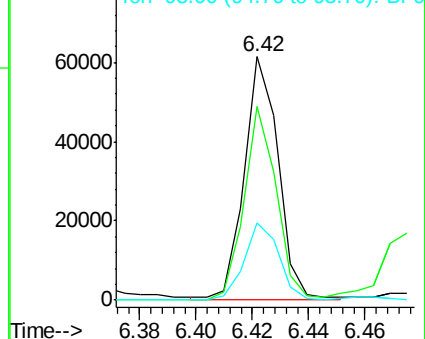
93 100

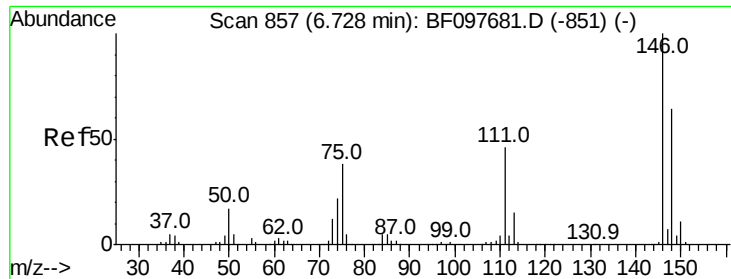
63 79.8 59.2 99.2

95 31.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

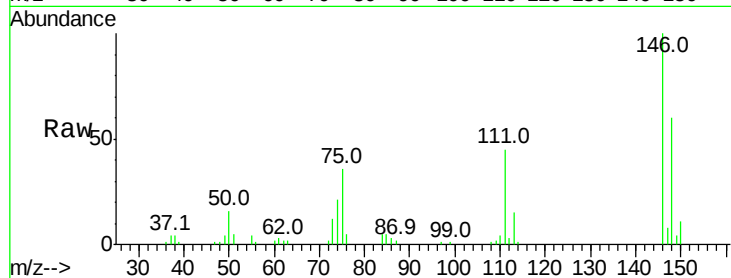




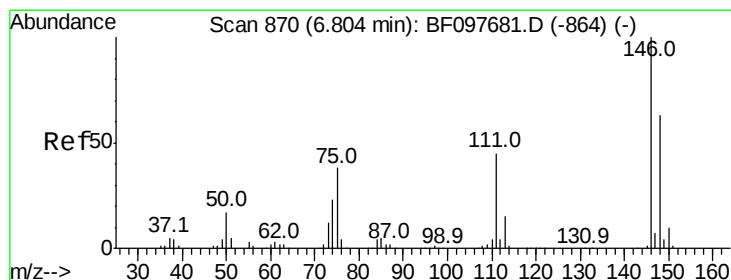
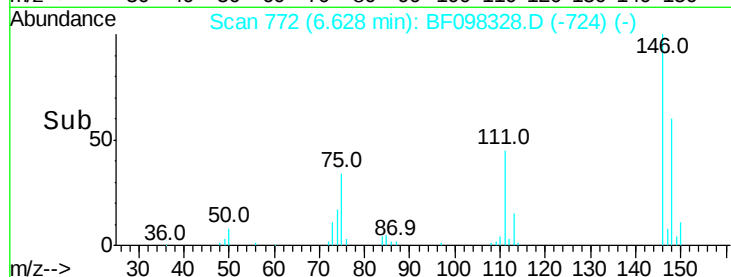
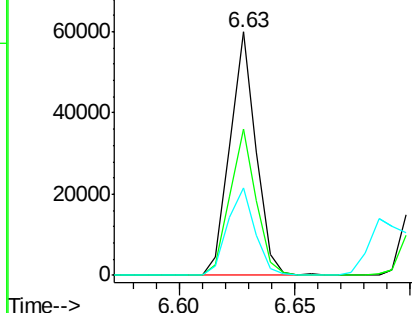
#12
 1,3-Dichlorobenzene
 Concen: 6.099 ng
 RT: 6.63 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

Tot Ion:146 Resp: 46944
 Ion Ratio Lower Upper
 146 100
 148 60.3 51.8 77.6
 75 35.9 23.1 34.7#

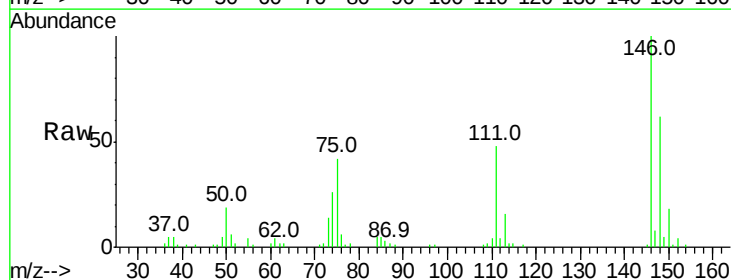


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

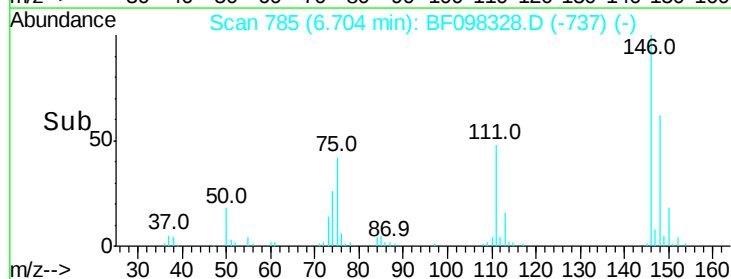
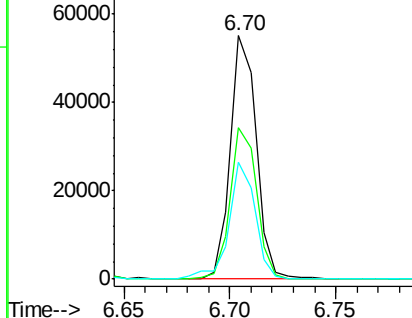


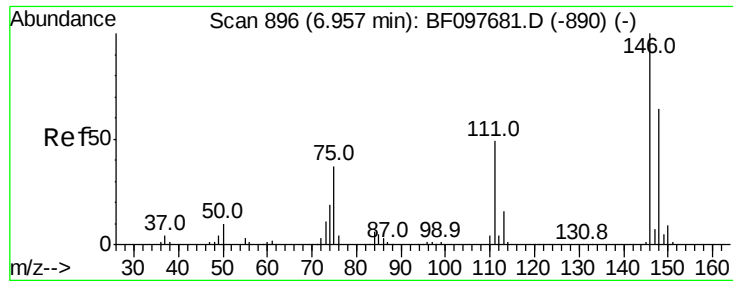
#13
 1,4-Dichlorobenzene
 Concen: 5.941 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:146 Resp: 46504
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.2
 111 48.2 30.3 45.5#



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





#14

1,2-Dichlorobenzene

Concen: 6.232 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

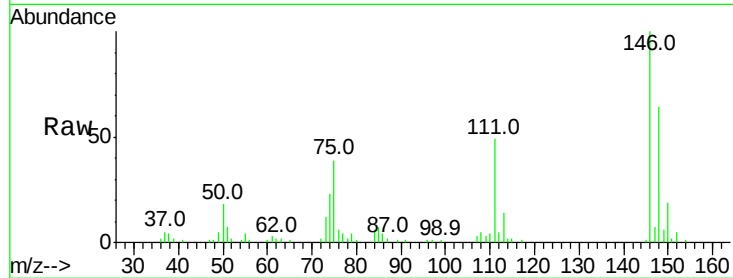
Tot Ion:146 Resp: 44979

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

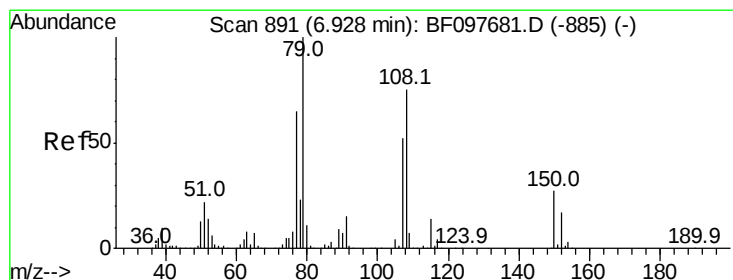
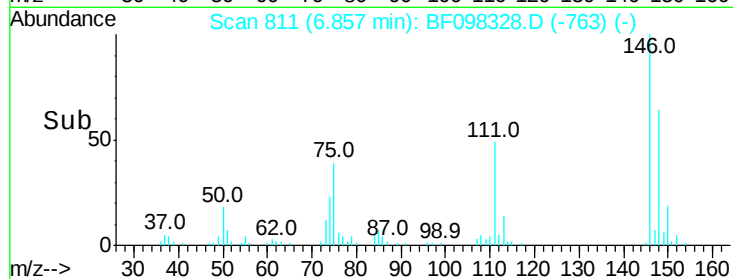
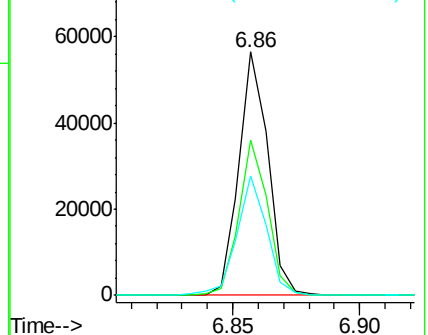
111 49.1 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 6.251 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

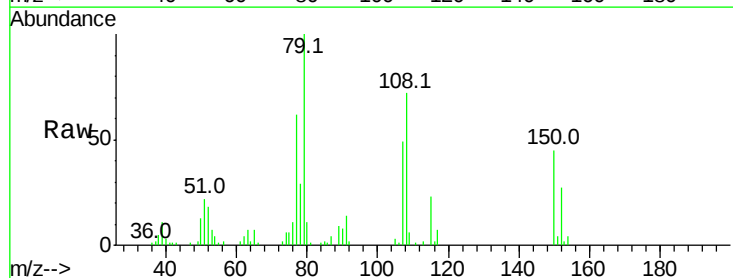
Tgt Ion: 79 Resp: 43144

Ion Ratio Lower Upper

79 100

108 72.4 63.4 95.0

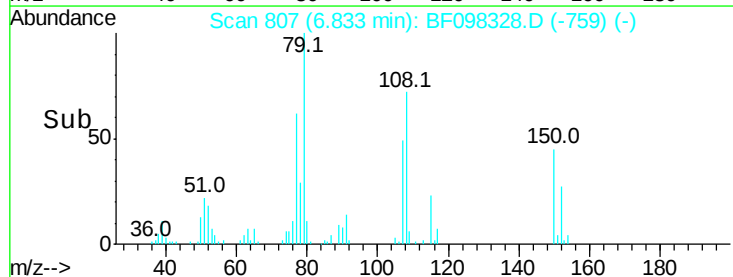
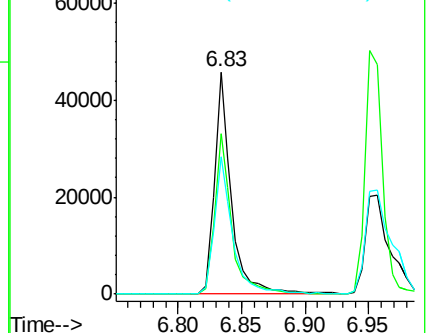
77 62.0 49.2 73.8

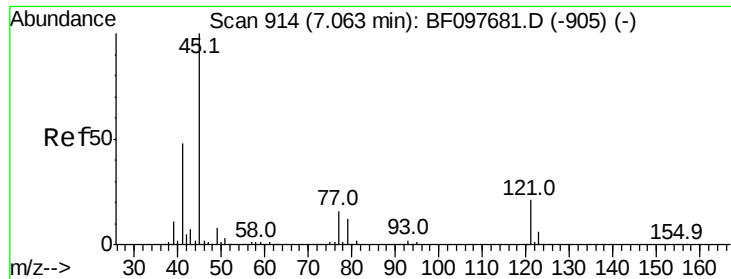


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

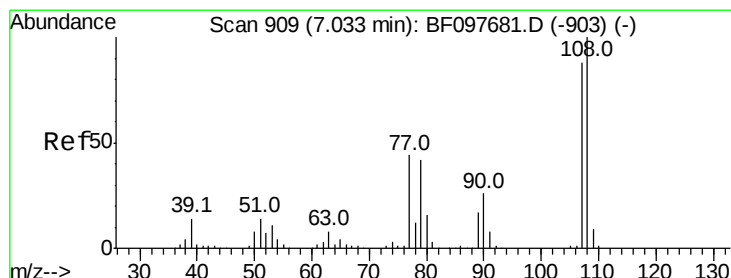
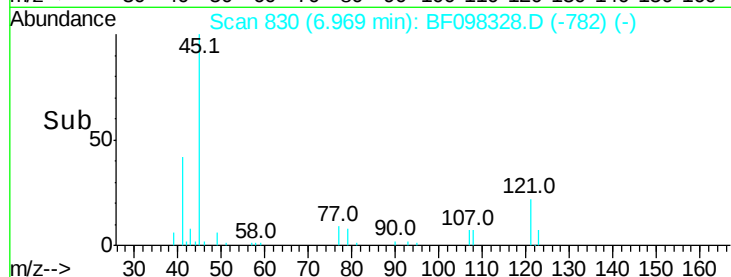
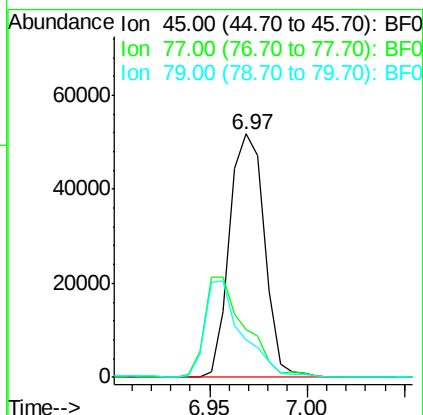
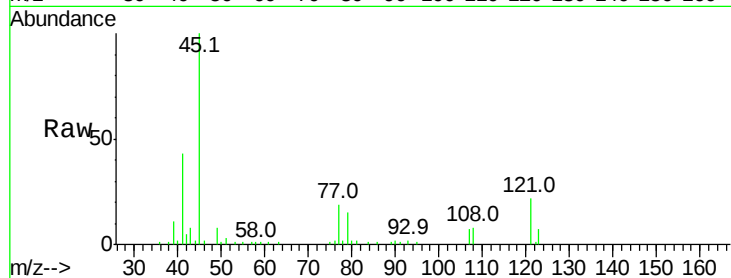




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 5.885 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

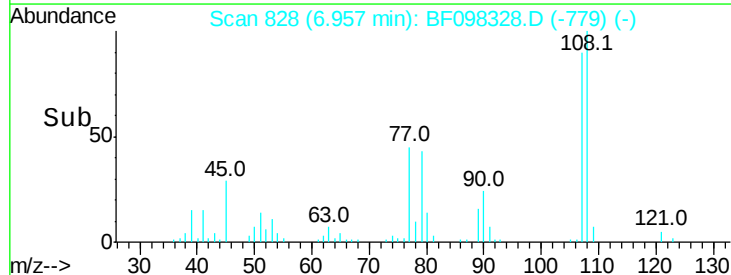
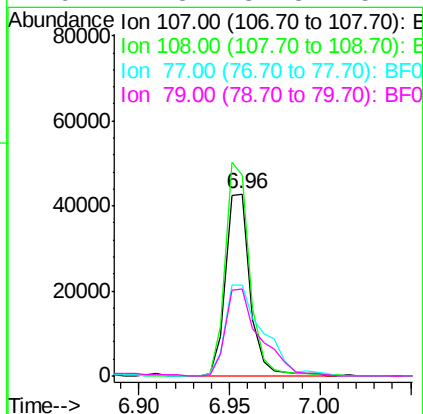
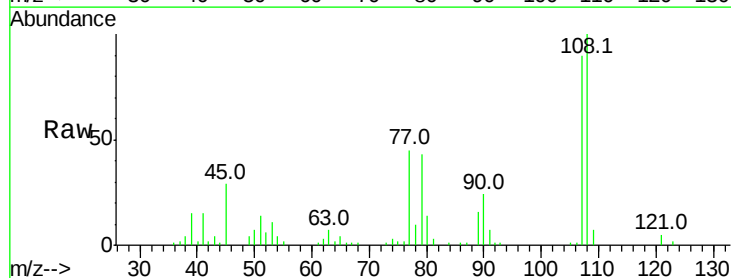
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

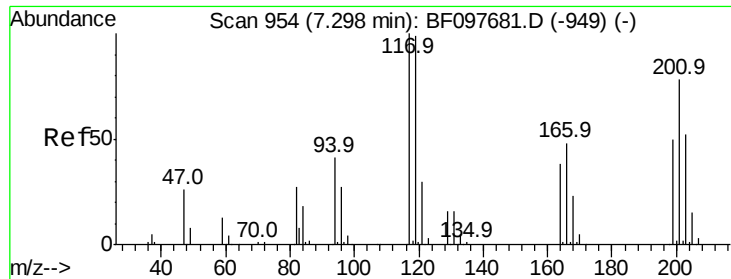
Tot Ion: 45 Resp: 64434
Ion Ratio Lower Upper
45 100
77 19.4 0.0 33.2
79 15.2 0.0 30.0



#17
2-Methylphenol
Concen: 6.506 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion: 107 Resp: 41024
Ion Ratio Lower Upper
107 100
108 110.9 93.4 140.0
77 50.1 35.8 53.6
79 47.8 34.8 52.2

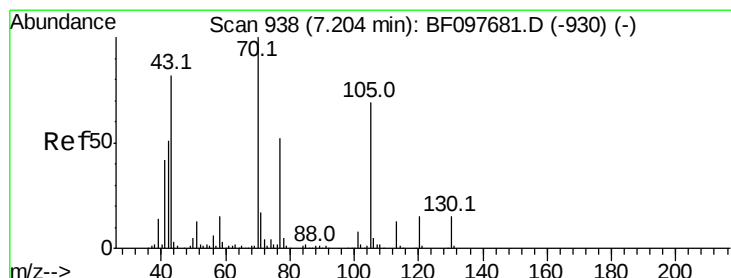
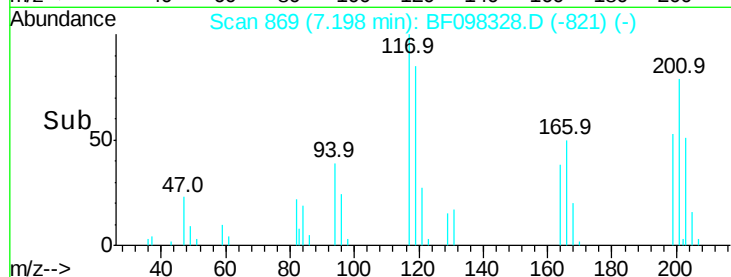
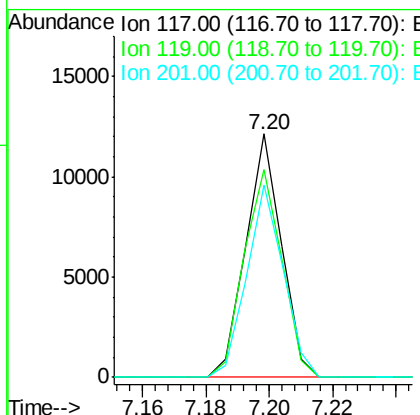
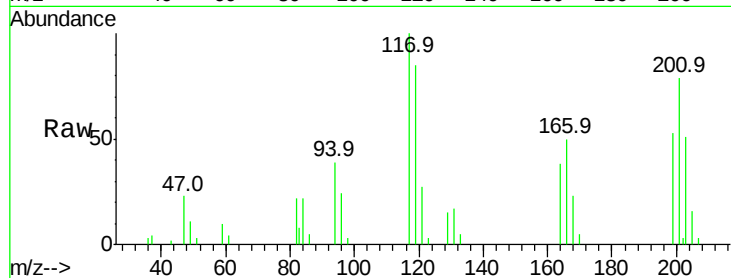




#18
Hexachloroethane
Concen: 3.080 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

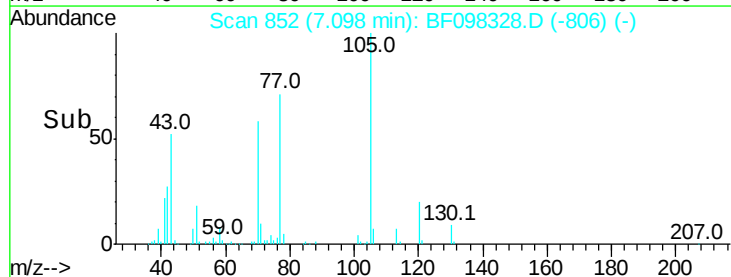
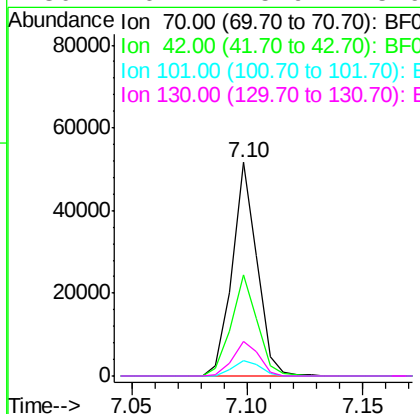
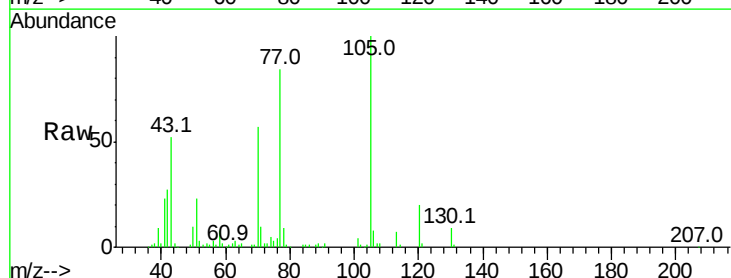
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

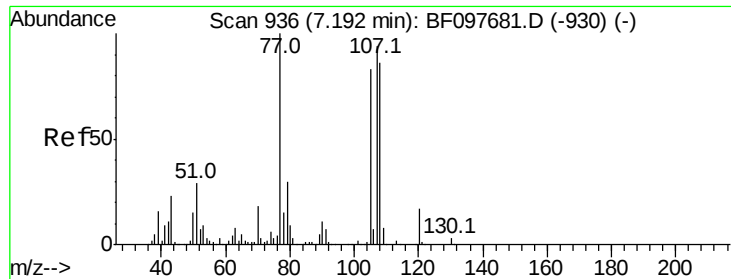
Tot Ion:117 Resp: 9453
Ion Ratio Lower Upper
117 100
119 85.3 77.4 116.0
201 78.9 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 6.139 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion: 70 Resp: 38739
Ion Ratio Lower Upper
70 100
42 47.3 47.2 70.8
101 7.3 7.2 10.8
130 16.2 15.9 23.9





#20

3+4-Methylphenols

Concen: 7.012 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

Tot Ion:107 Resp: 54001

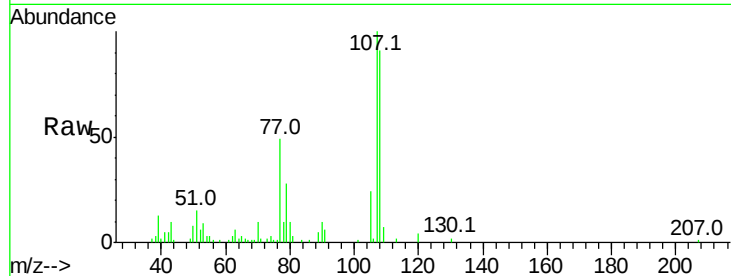
Ion Ratio Lower Upper

107 100

108 91.0 71.0 111.0

77 49.0 90.5 130.5#

79 28.2 8.4 48.4

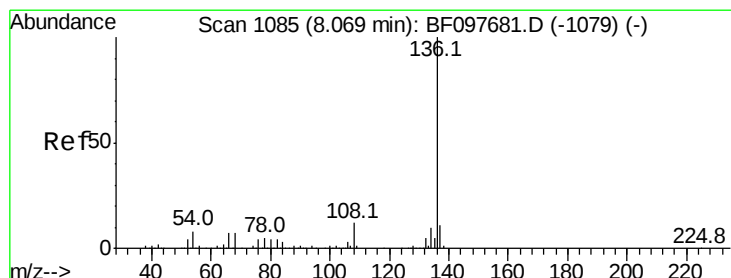
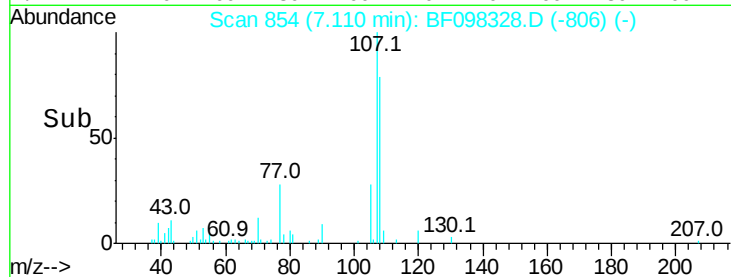
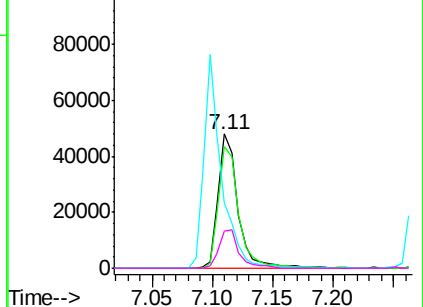


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Tgt Ion:136 Resp: 383132

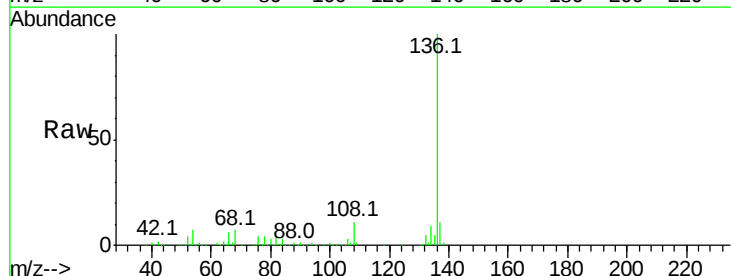
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 7.4 4.1 6.1#

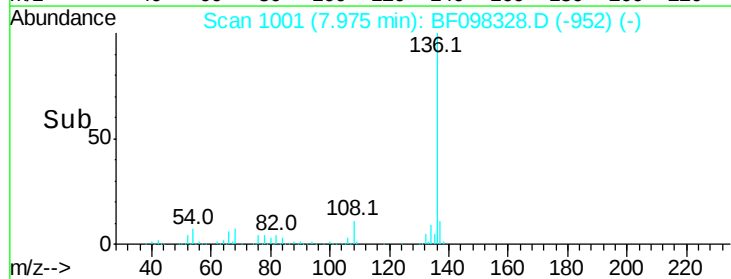
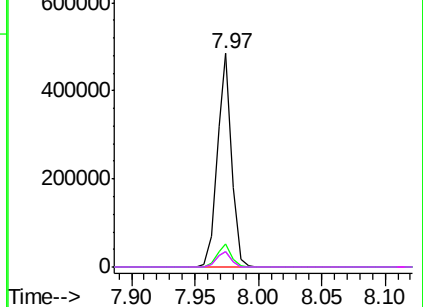


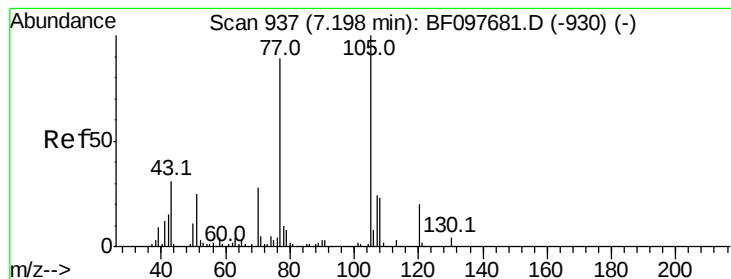
Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.137 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

Tot Ion:105 Resp: 72241

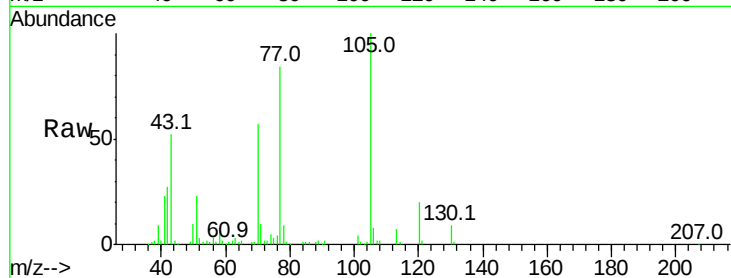
Ion Ratio Lower Upper

105 100

71 9.9 2.8 4.2#

51 23.5 30.7 46.1#

120 20.2 17.4 26.0

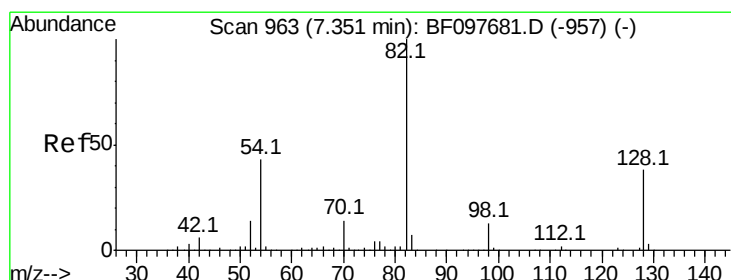
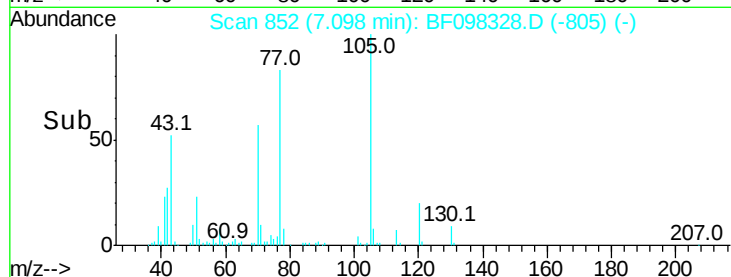
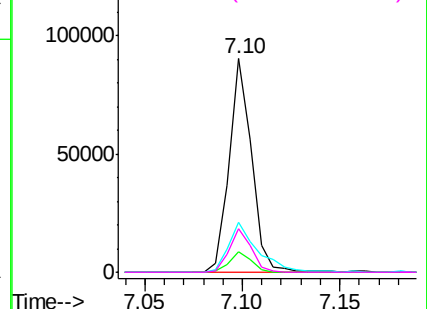


Abundance Ion 105.00 (104.70 to 105.70): E

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: 14.878 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

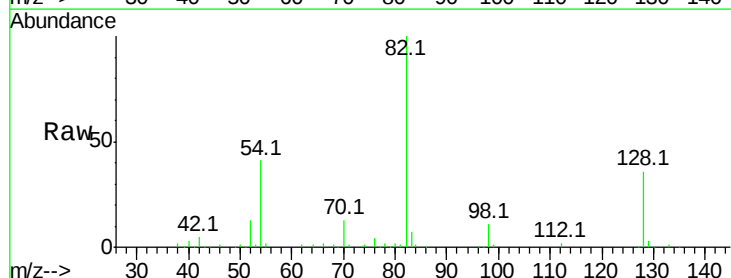
Tgt Ion: 82 Resp: 104929

Ion Ratio Lower Upper

82 100

128 36.1 34.0 51.0

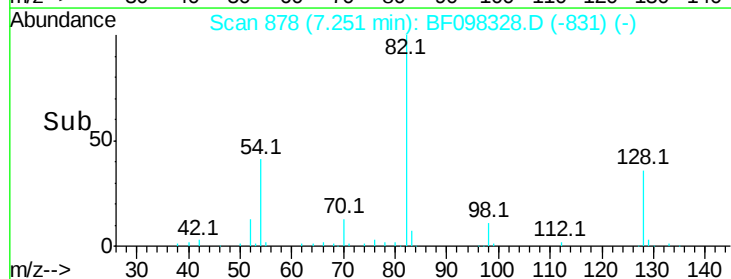
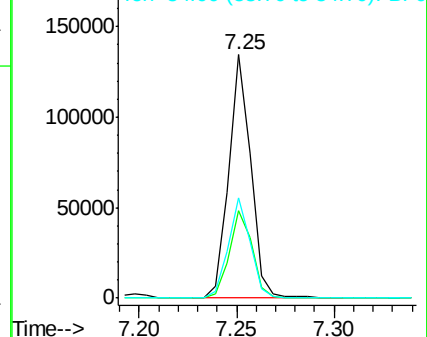
54 41.3 42.2 63.2#

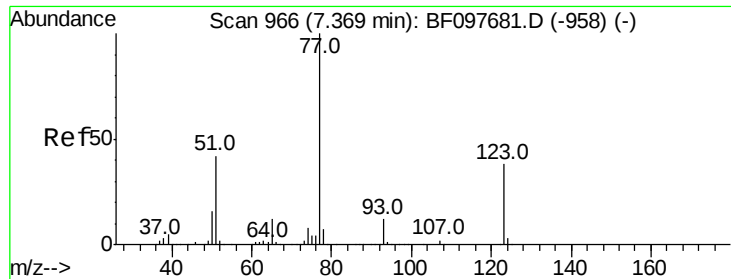


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

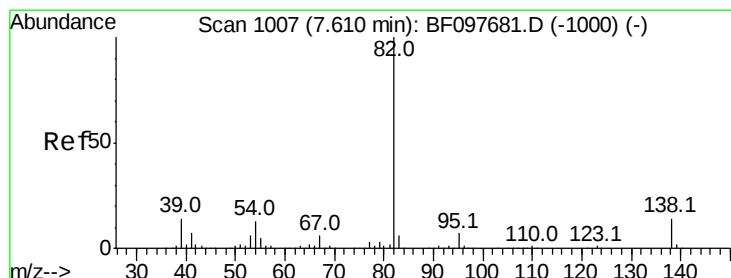
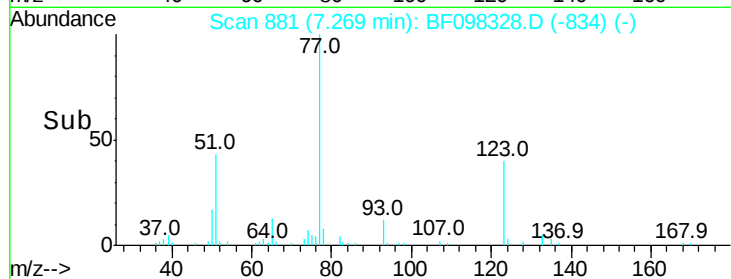
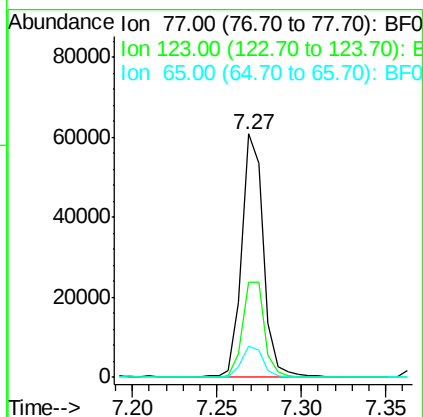
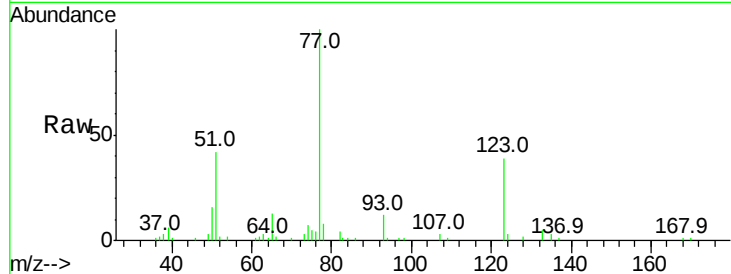




#24
Nitrobenzene
Concen: 6.968 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

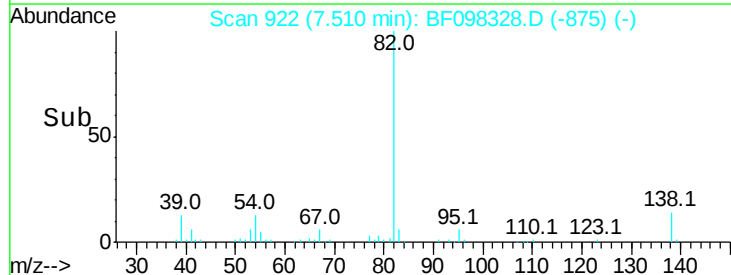
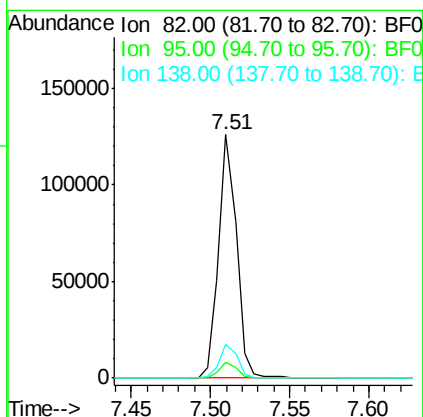
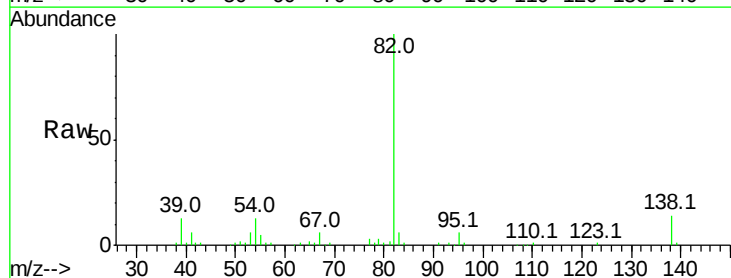
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

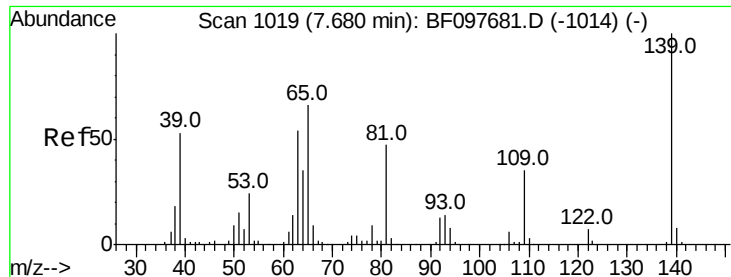
Tot Ion: 77 Resp: 54714
Ion Ratio Lower Upper
77 100
123 39.0 35.8 53.8
65 12.6 10.6 15.8



#25
Isophorone
Concen: 6.806 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion: 82 Resp: 99814
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 13.9 13.1 19.7

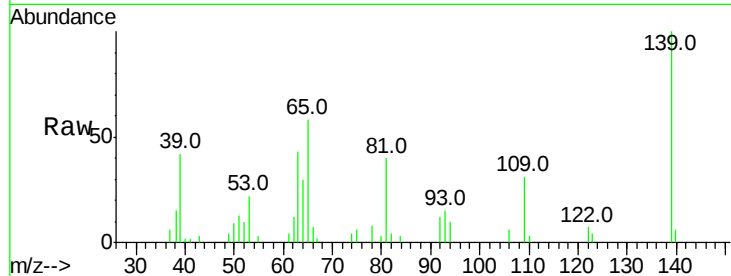




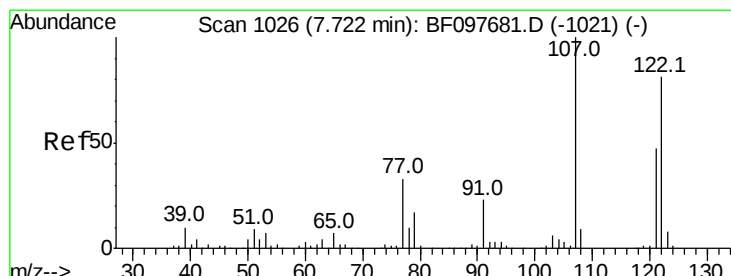
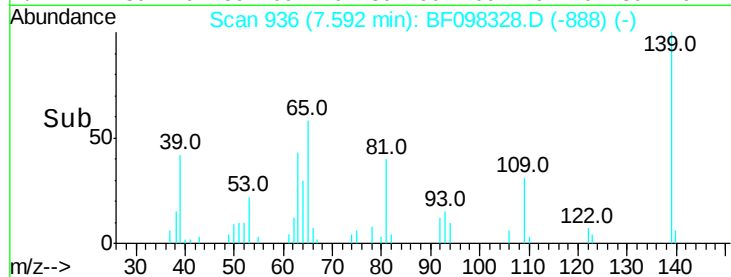
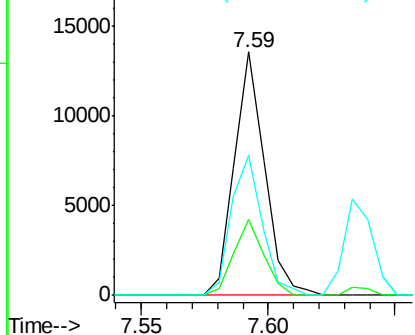
#26
 2-Nitrophenol
 Concen: 8.783 ng
 RT: 7.59 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

Tot Ion:139 Resp: 11264
 Ion Ratio Lower Upper
 139 100
 109 31.3 21.0 31.6
 65 57.5 33.0 49.6#

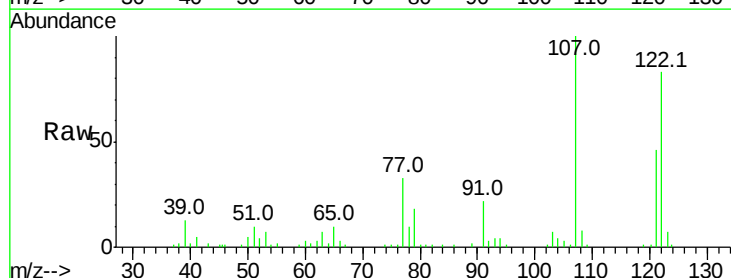


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): B

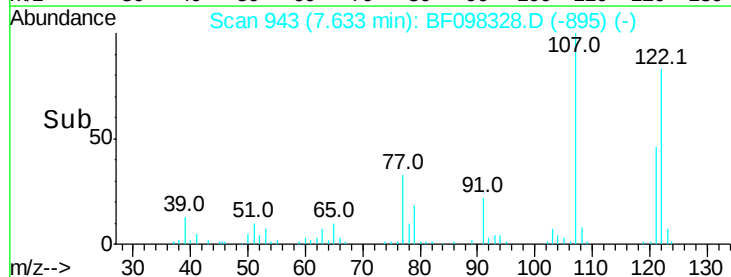
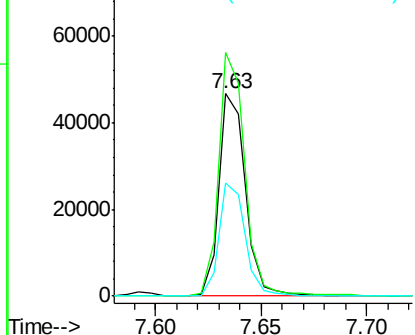


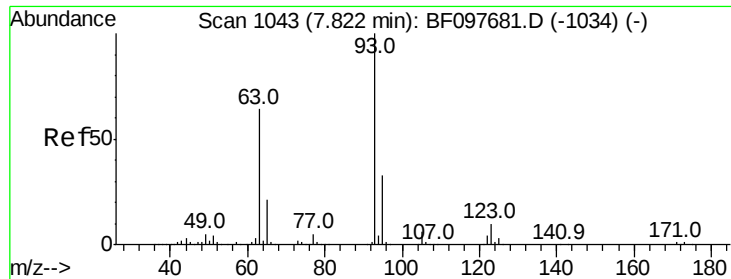
#27
 2,4-Dimethylphenol
 Concen: 6.643 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:122 Resp: 40630
 Ion Ratio Lower Upper
 122 100
 107 120.2 89.2 133.8
 121 55.8 45.2 67.8



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

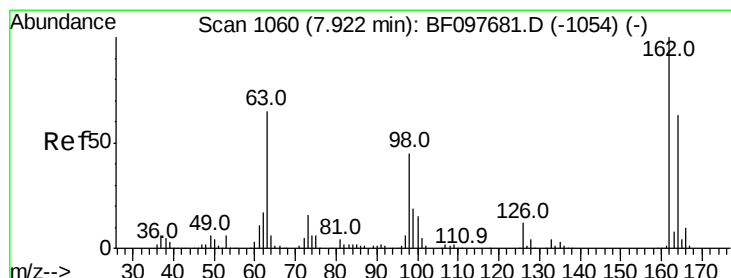
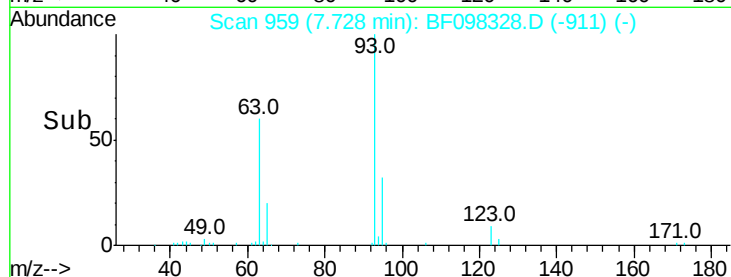
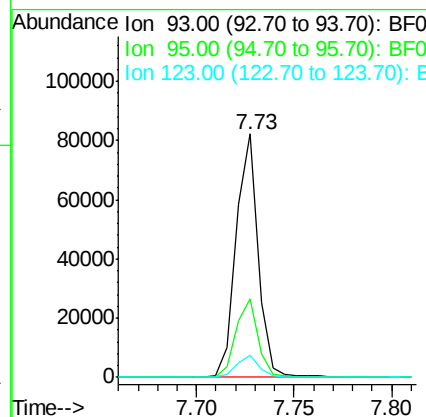
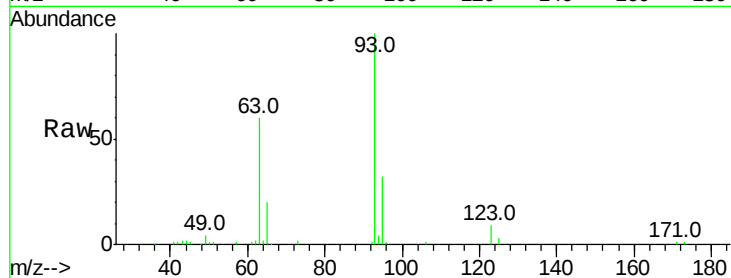




#28
 bis(2-Chloroethoxy)methane
 Concen: 6.693 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

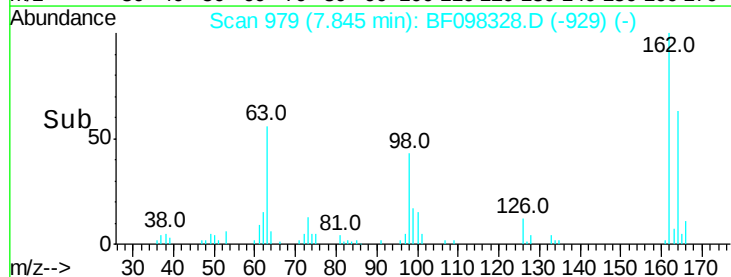
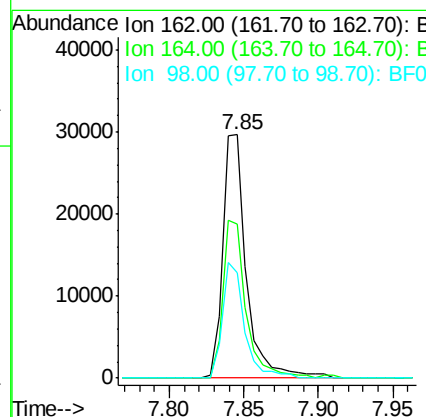
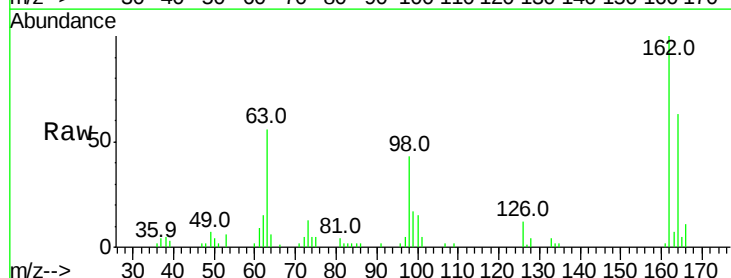
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

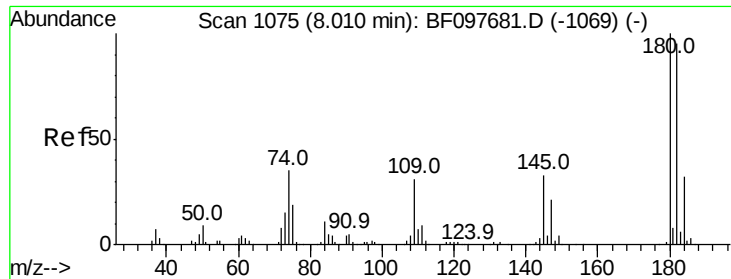
Tot Ion: 93 Resp: 64532
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 8.9 9.0 13.4#



#29
 2,4-Dichlorophenol
 Concen: 6.491 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion: 162 Resp: 32952
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.6 84.6
 98 43.2 14.8 54.8

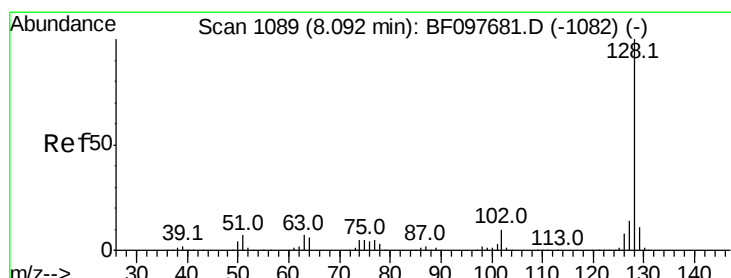
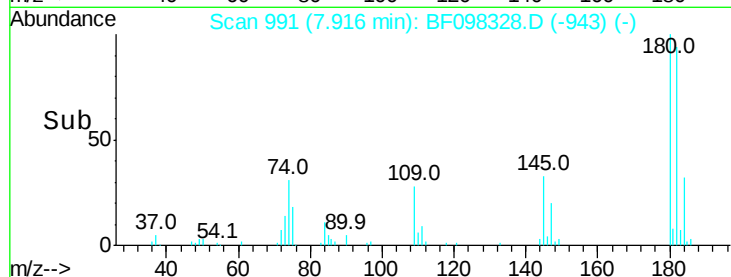
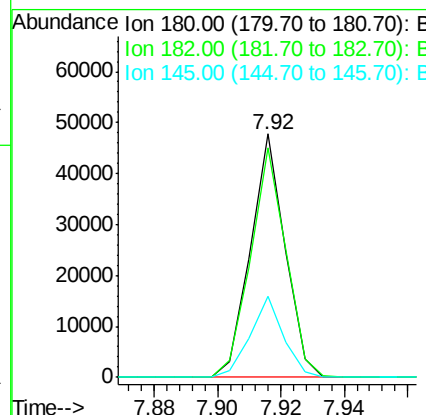
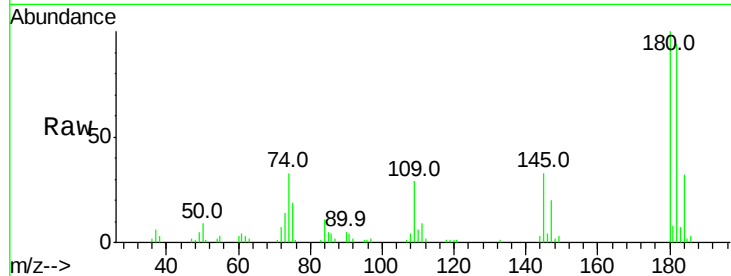




#30
 1,2,4-Trichlorobenzene
 Concen: 6.411 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

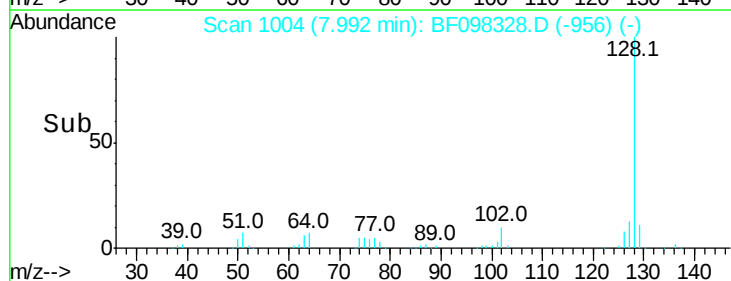
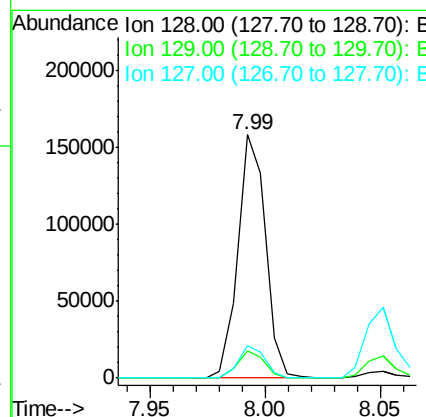
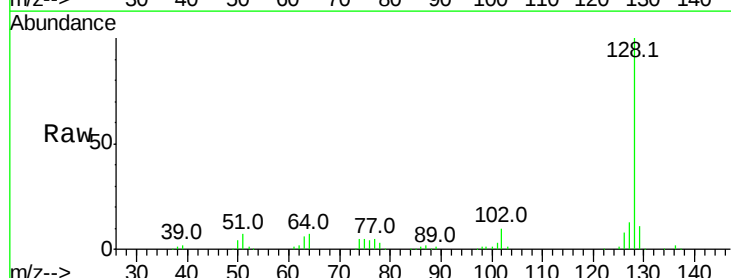
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

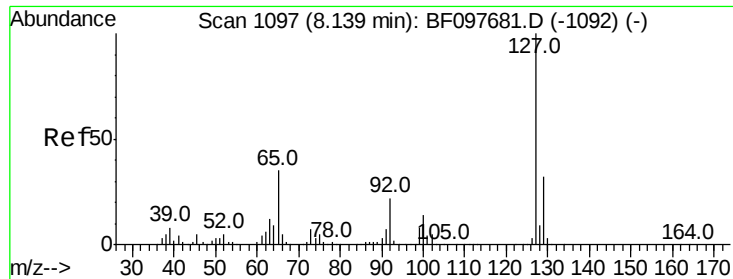
Tot Ion:180 Resp: 36084
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.8 113.6
 145 33.2 25.3 37.9



#31
 Naphthalene
 Concen: 6.648 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:128 Resp: 132232
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.2 10.8 16.2

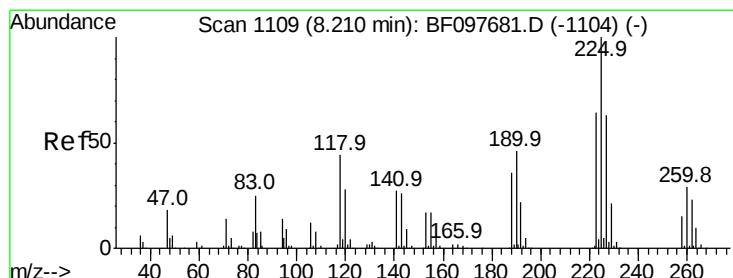
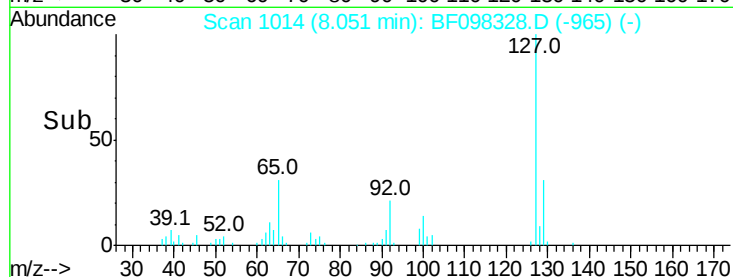
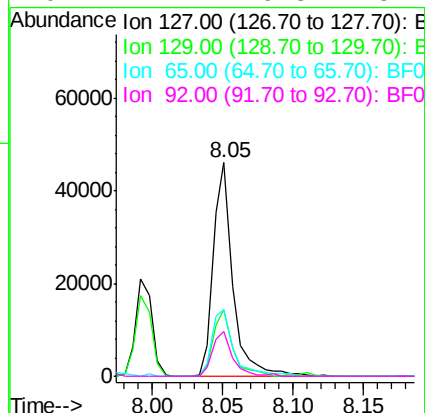
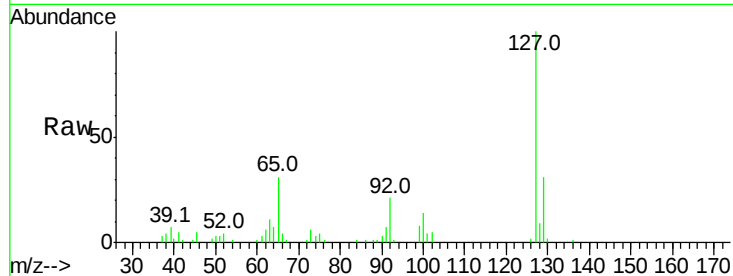




#33
4-Chloroaniline
Concen: 5.304 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

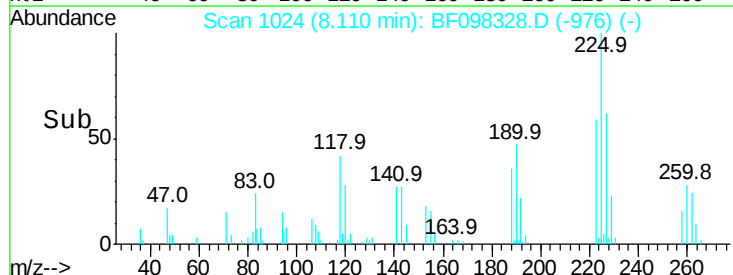
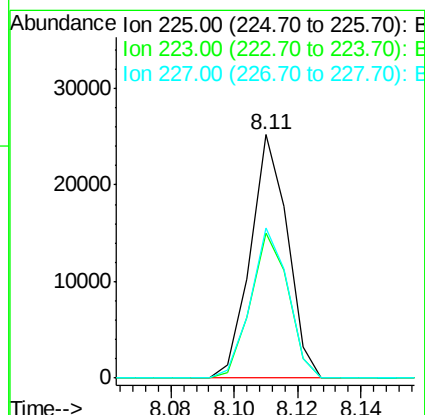
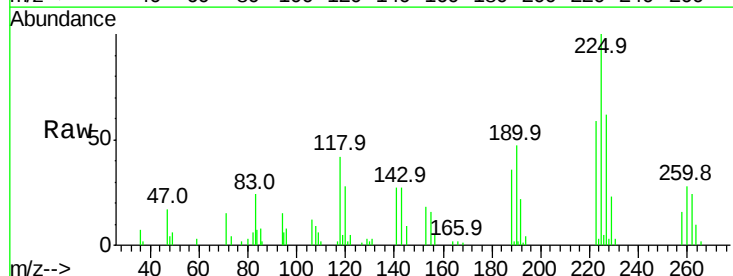
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

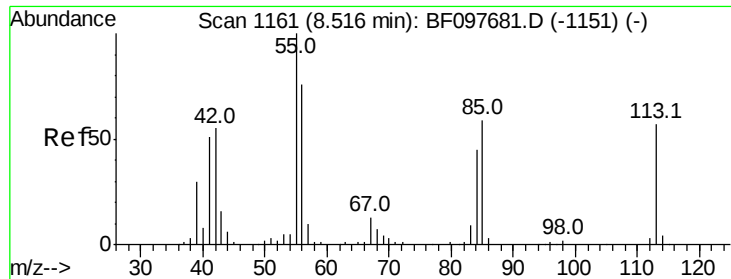
Tot Ion:	127	Resp:	44492
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	31.4	27.8	41.8
92	21.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 6.208 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:	225	Resp:	20401
Ion	Ratio	Lower	Upper
225	100		
223	59.5	48.8	73.2
227	61.9	51.1	76.7

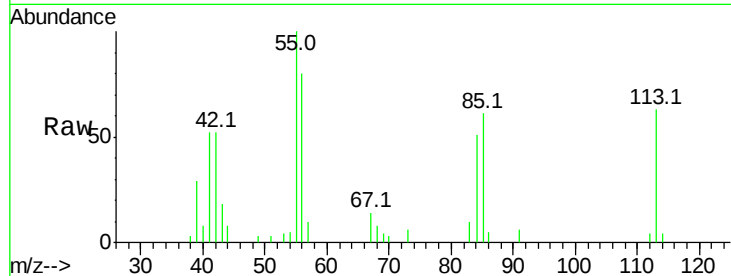




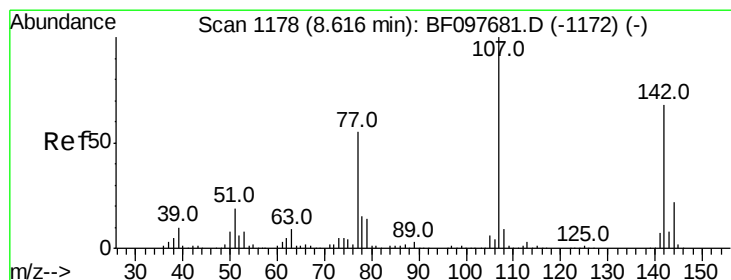
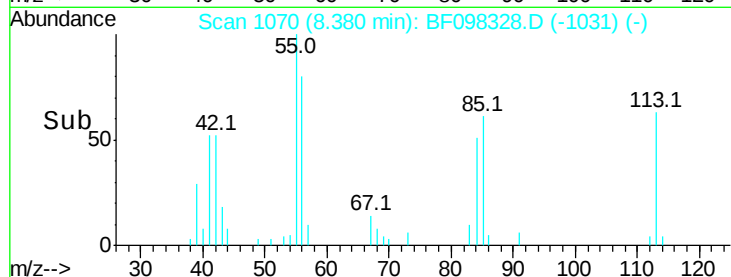
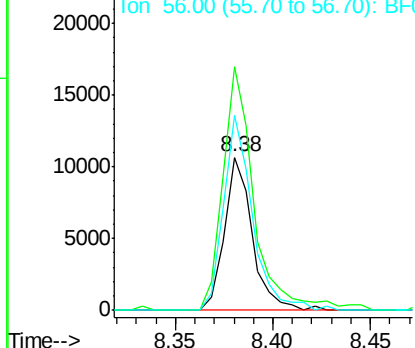
#35
 Caprolactam
 Concen: 6.132 ng
 RT: 8.38 min Scan# 1070
 Delta R.T. -0.07 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

Tot Ion:113 Resp: 10583
 Ion Ratio Lower Upper
 113 100
 55 158.7 150.2 190.2
 56 127.0 107.8 147.8

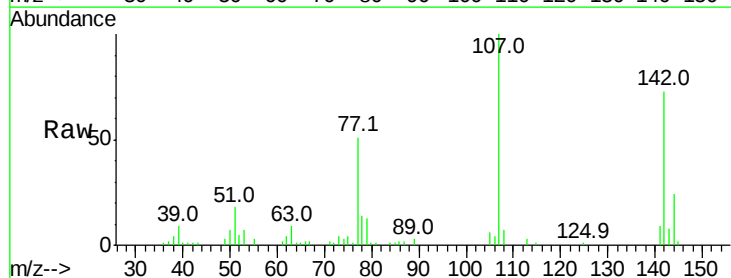


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

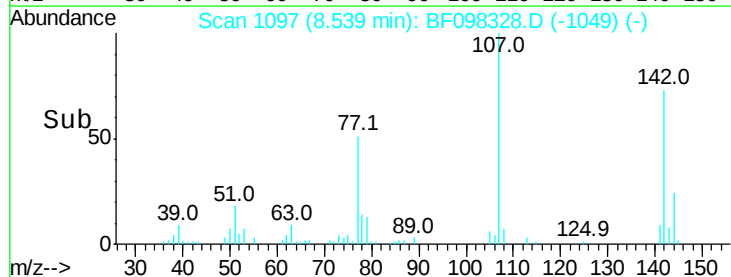
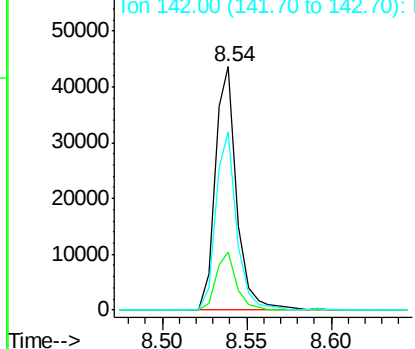


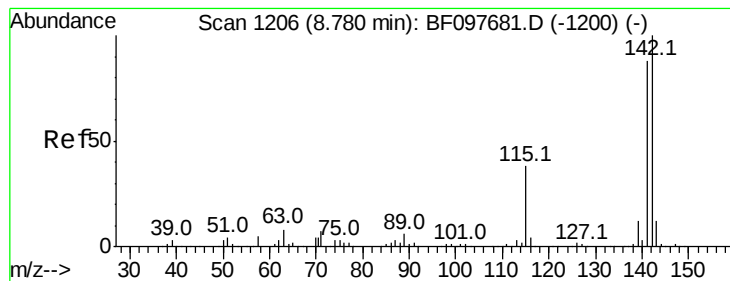
#36
 4-Chloro-3-methylphenol
 Concen: 5.974 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:107 Resp: 38971
 Ion Ratio Lower Upper
 107 100
 144 23.8 24.2 36.4#
 142 73.0 73.4 110.0#



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

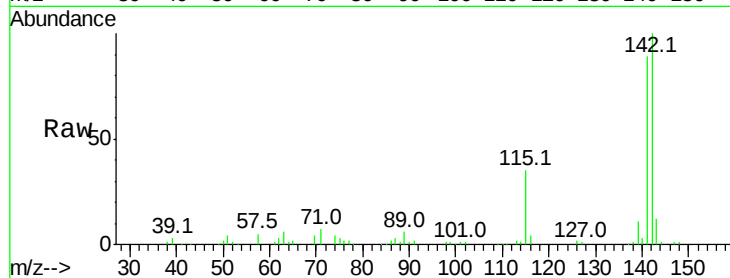




#37
 2-Methylnaphthalene
 Concen: 6.756 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	35.3	27.1	40.7

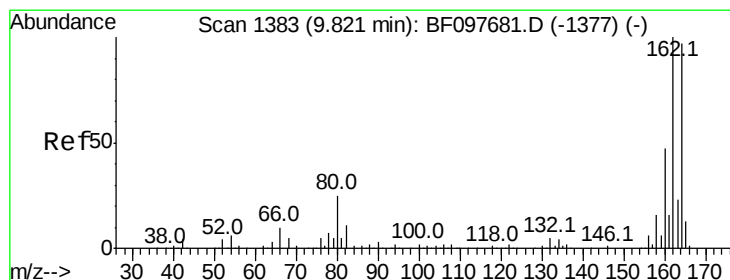
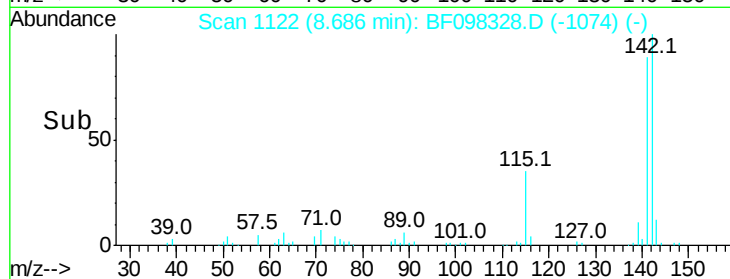
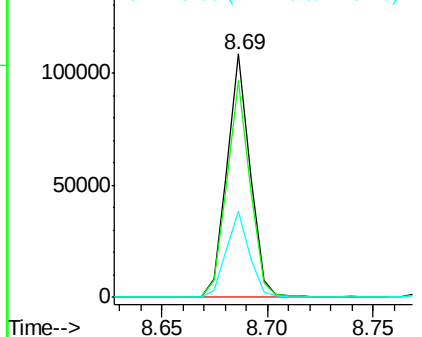


Abundance

Ion 142.00 (141.70 to 142.70): E

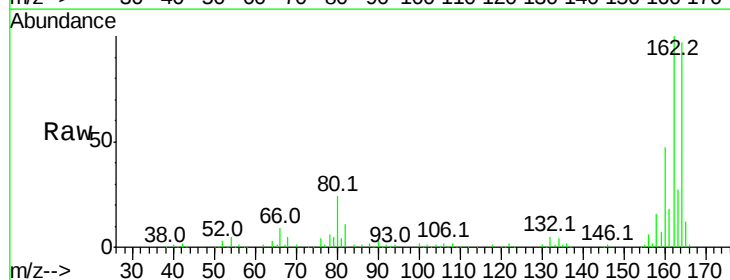
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	49.2	36.2	54.2

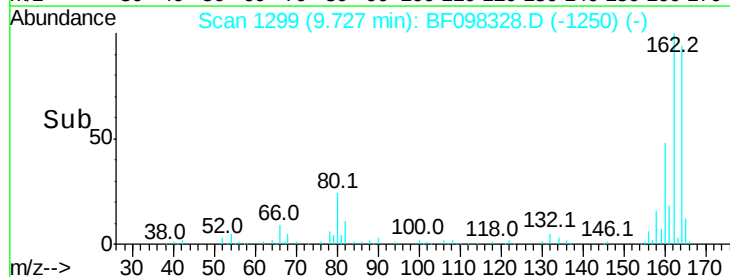
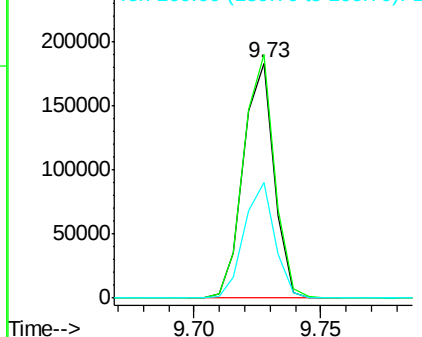


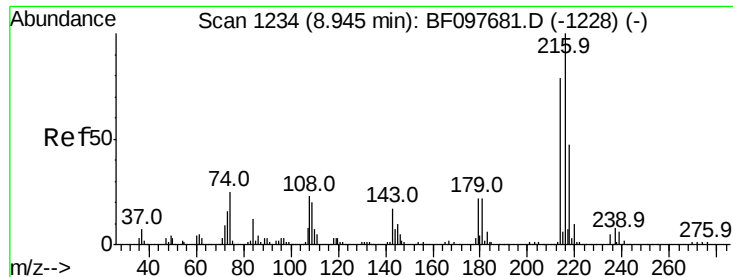
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

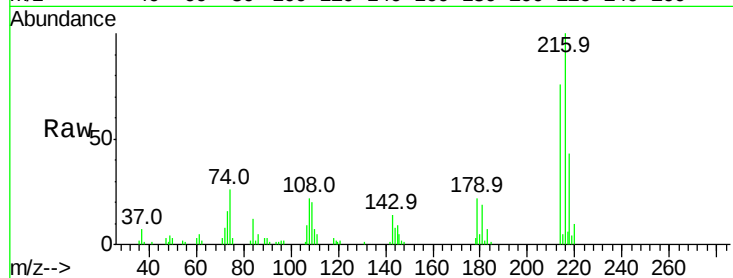




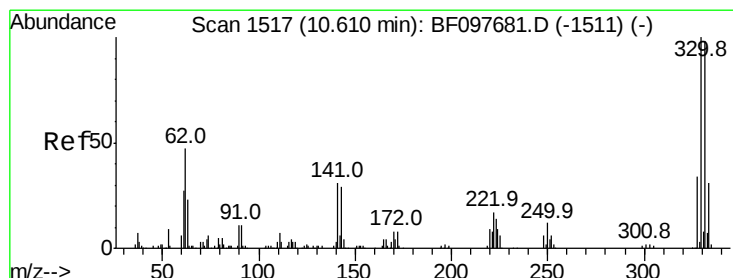
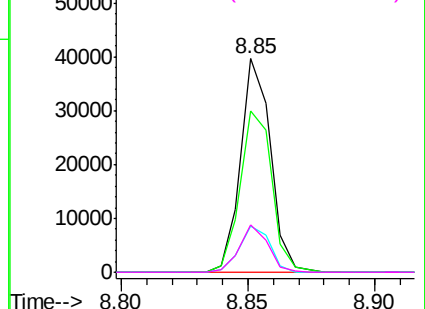
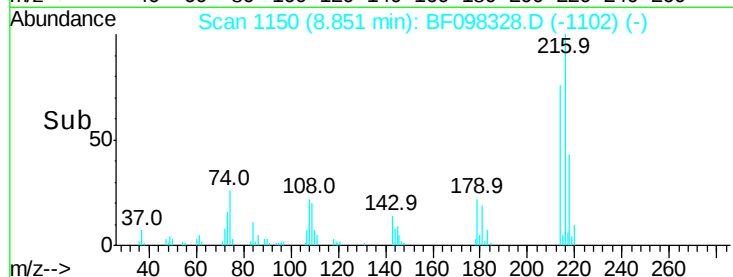
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.866 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

Tot Ion:	216	Resp:	32490
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.2
179	22.1	17.9	26.9
108	21.1	16.5	24.7

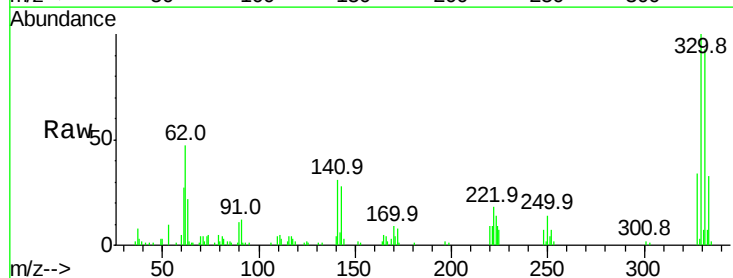


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

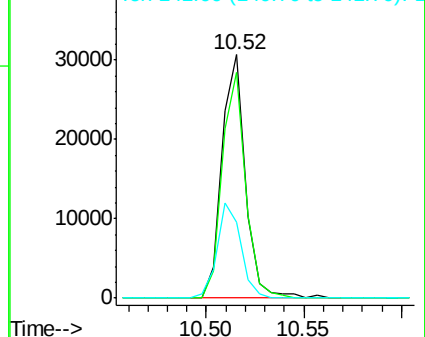
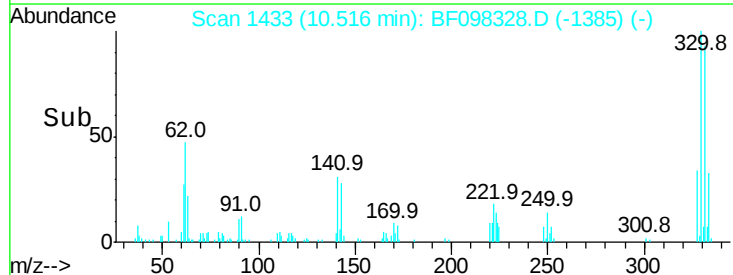


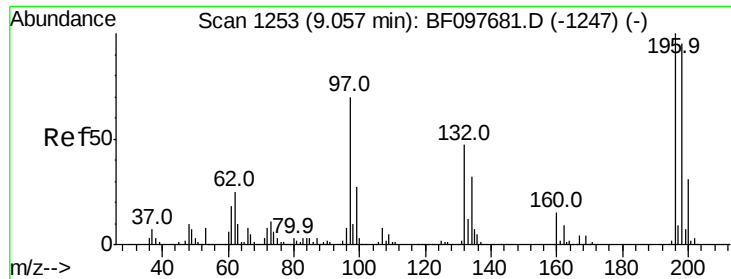
#41
 2,4,6-Tribromophenol
 Concen: 19.068 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:	330	Resp:	25510
Ion	Ratio	Lower	Upper
330	100		
332	92.2	76.6	115.0
141	39.5	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

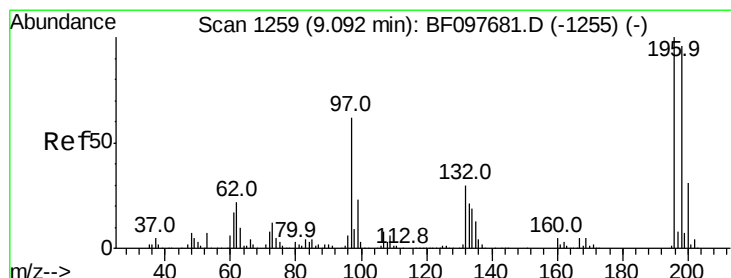
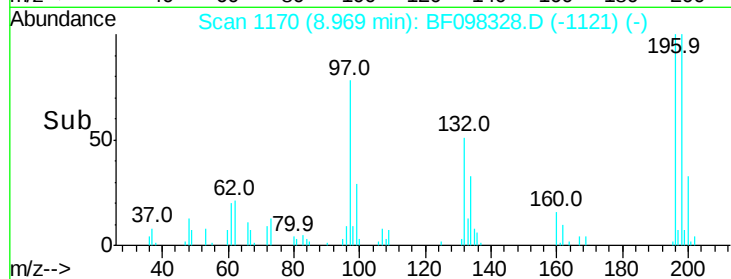
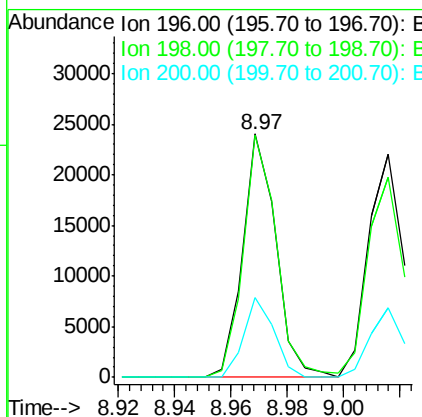
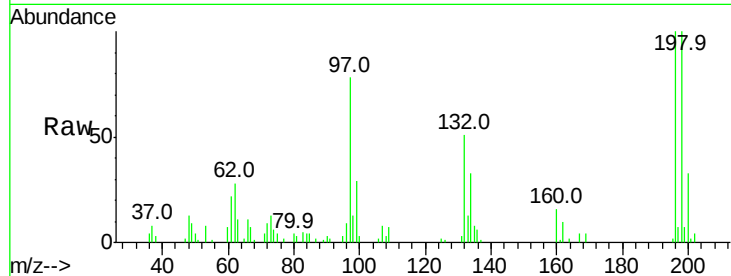




#42
 2,4,6-Trichlorophenol
 Concen: 6.186 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

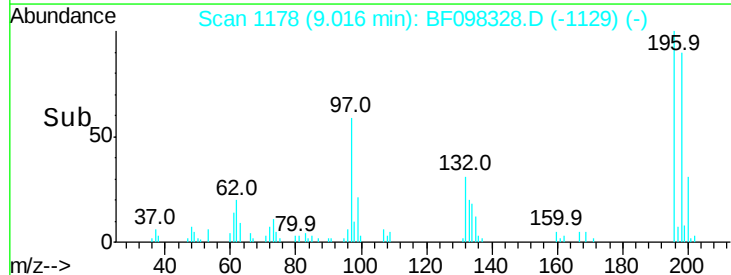
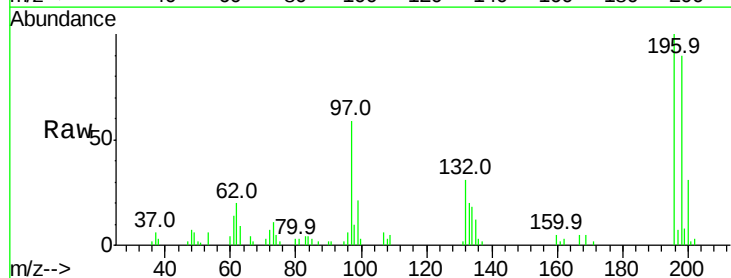
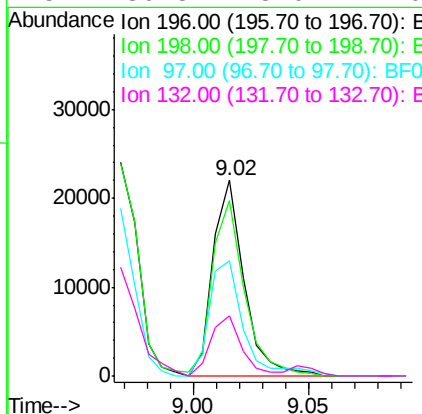
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

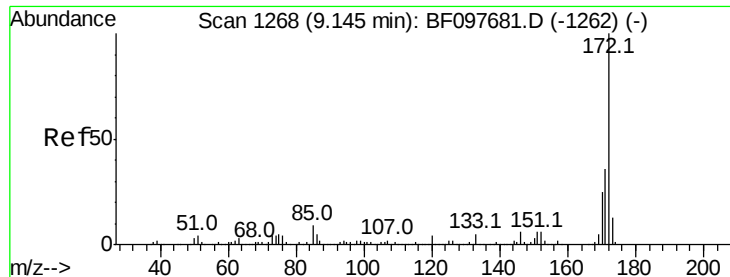
Tot Ion:196 Resp: 19653
 Ion Ratio Lower Upper
 196 100
 198 99.7 74.2 111.4
 200 32.6 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 6.553 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:196 Resp: 20655
 Ion Ratio Lower Upper
 196 100
 198 89.7 75.7 113.5
 97 58.8 47.7 71.5
 132 30.8 28.0 42.0

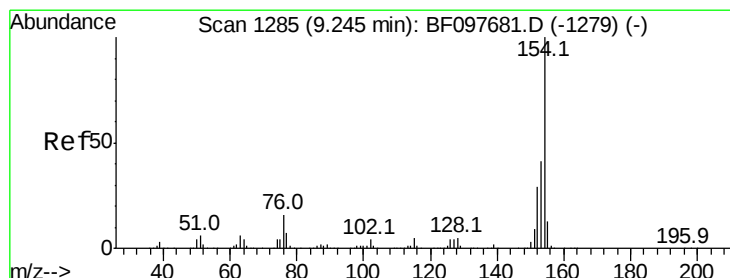
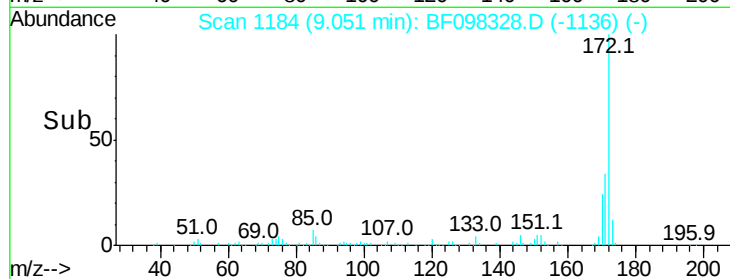
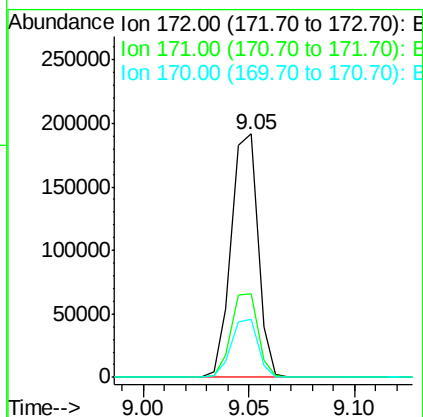
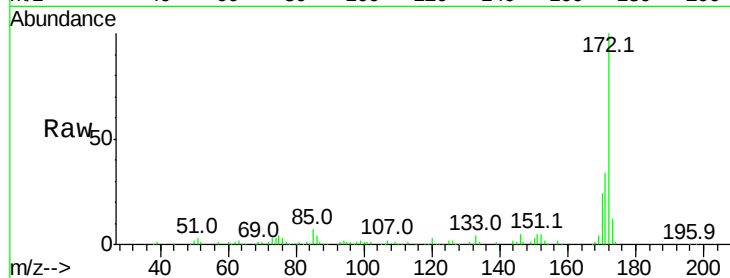




#44
2-Fluorobiphenyl
Concen: 16.005 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

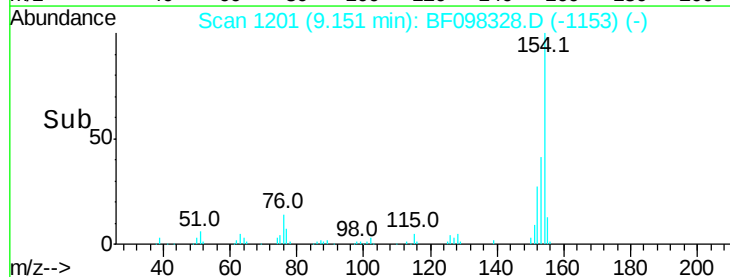
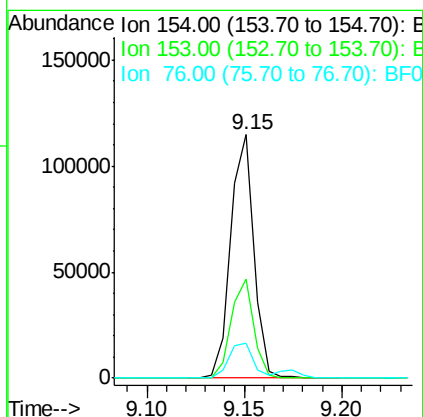
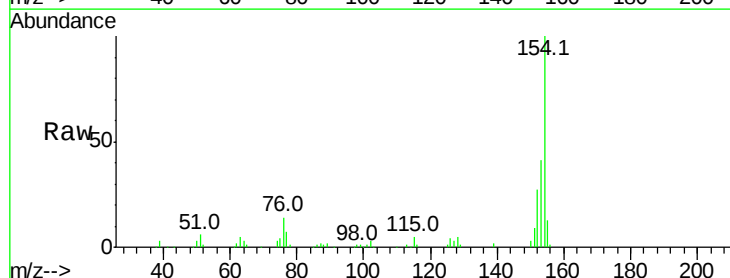
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

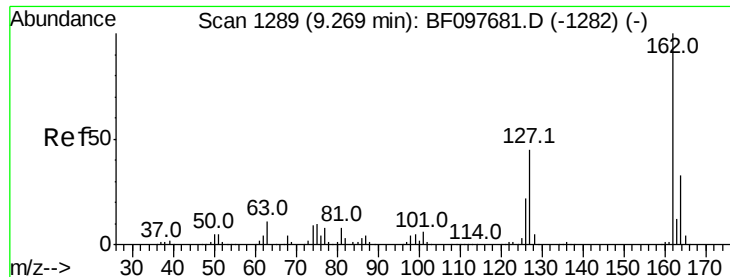
Tot Ion:172 Resp: 167974
Ion Ratio Lower Upper
172 100
171 34.2 29.6 44.4
170 24.0 19.8 29.8



#45
1,1'-Biphenyl
Concen: 6.715 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:154 Resp: 94418
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 14.2 0.0 29.9

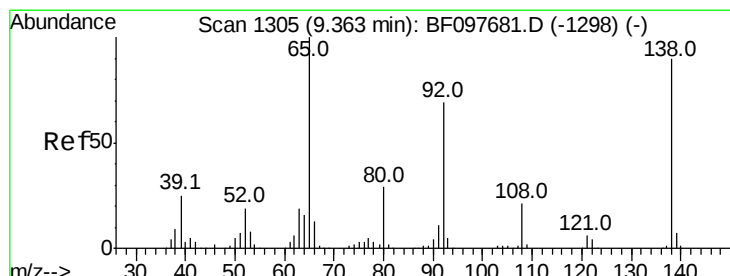
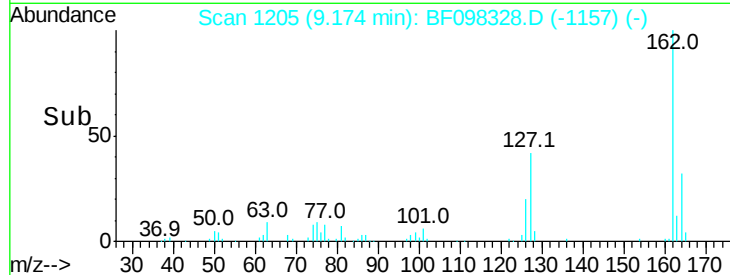
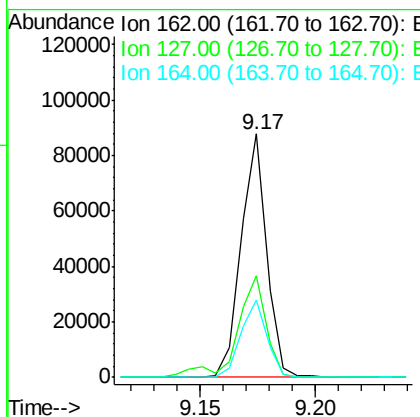
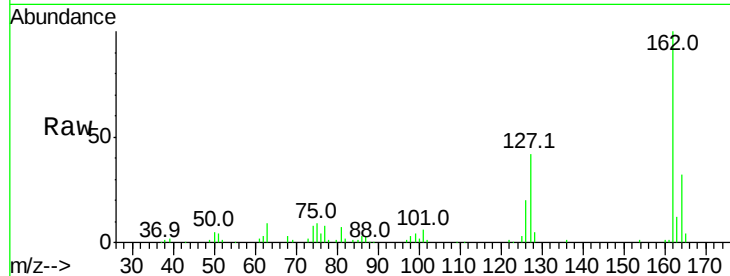




#46
 2-Chloronaphthalene
 Concen: 6.528 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

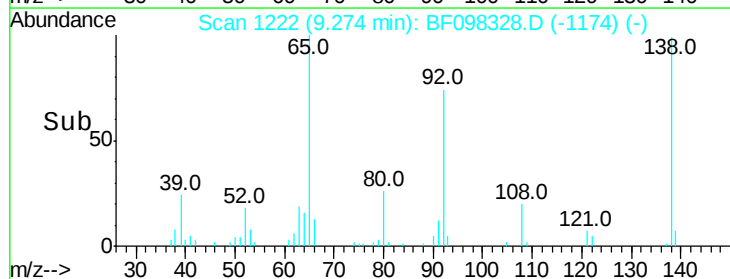
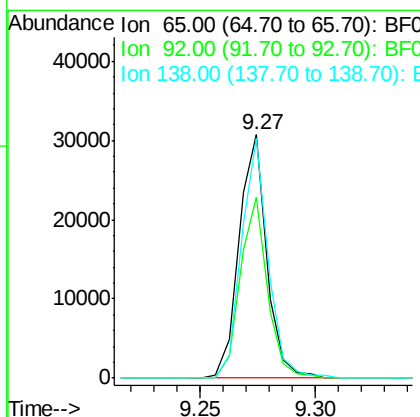
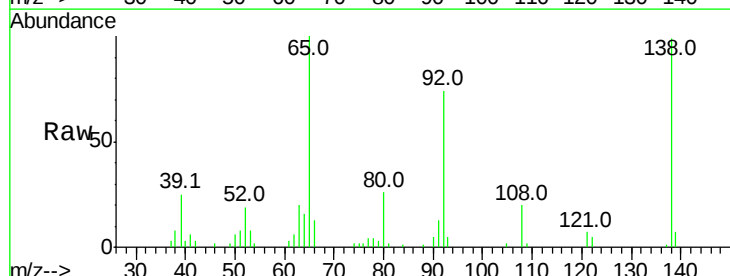
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

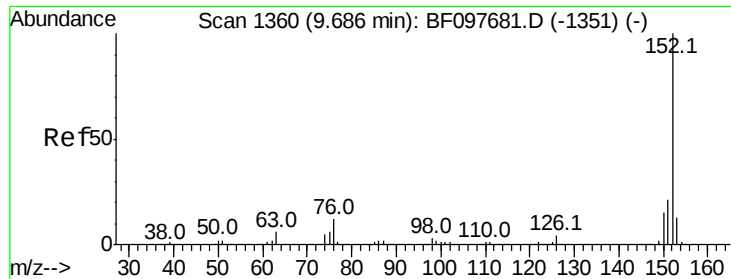
Tot Ion:162 Resp: 67819
 Ion Ratio Lower Upper
 162 100
 127 42.0 28.3 42.5
 164 31.6 27.0 40.4



#47
 2-Nitroaniline
 Concen: 7.411 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion: 65 Resp: 25811
 Ion Ratio Lower Upper
 65 100
 92 74.5 53.9 80.9
 138 98.6 78.8 118.2

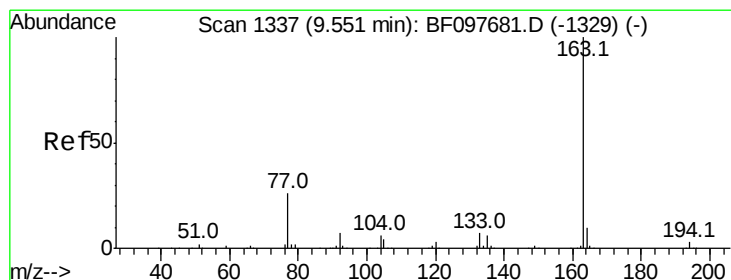
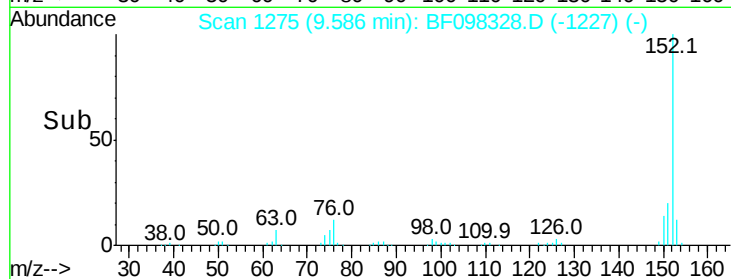
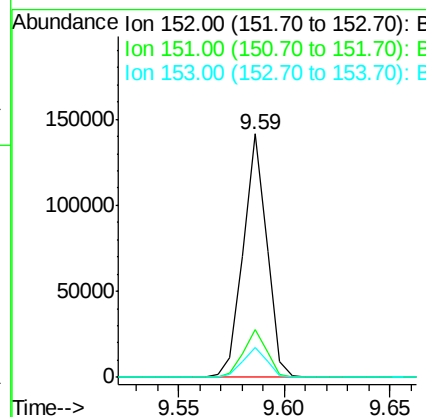
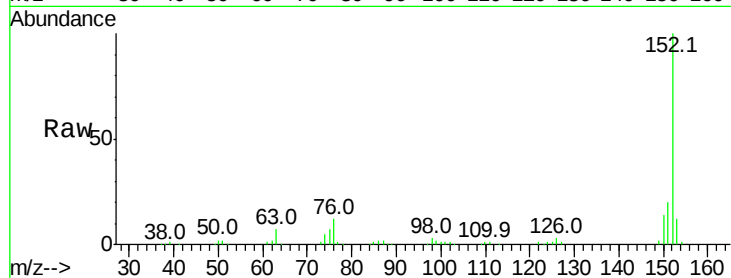




#48
Acenaphthylene
Concen: 6.681 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

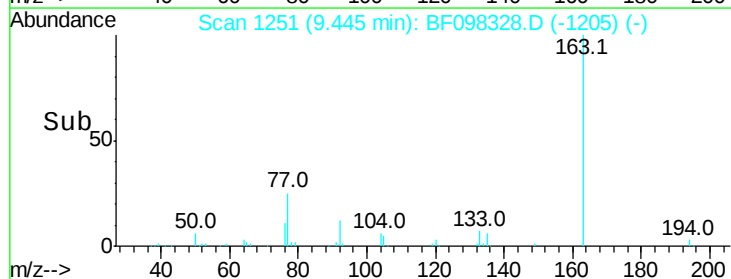
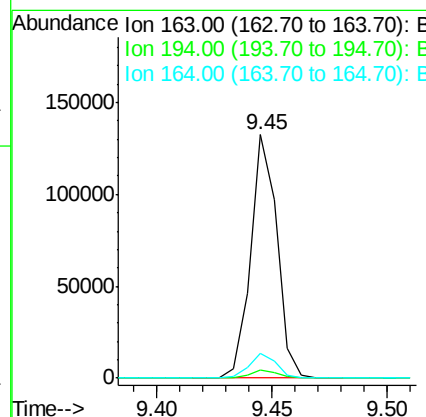
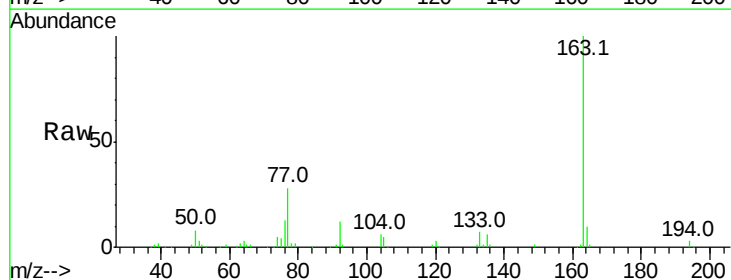
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

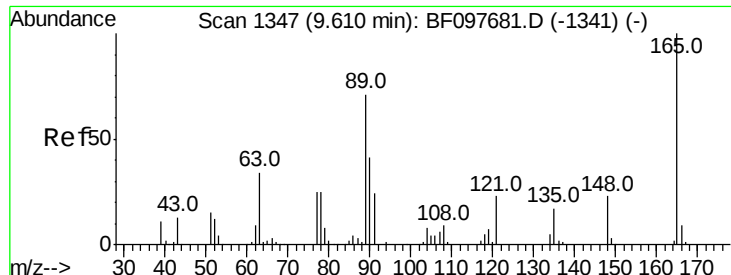
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	12.3	10.8	16.2



#49
Dimethylphthalate
Concen: 9.382 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6

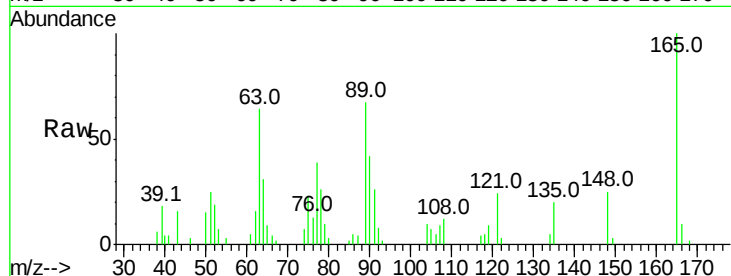




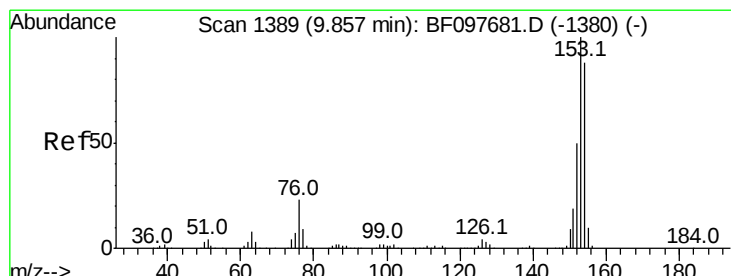
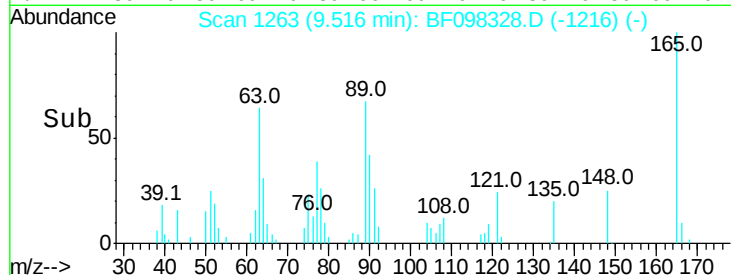
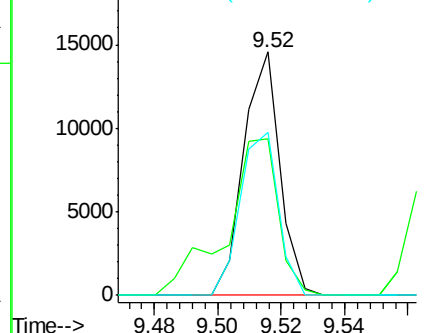
#50
2,6-Dinitrotoluene
Concen: 5.106 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

Tot Ion:165 Resp: 11488
Ion Ratio Lower Upper
165 100
63 64.2 34.3 51.5#
89 66.7 37.1 55.7#

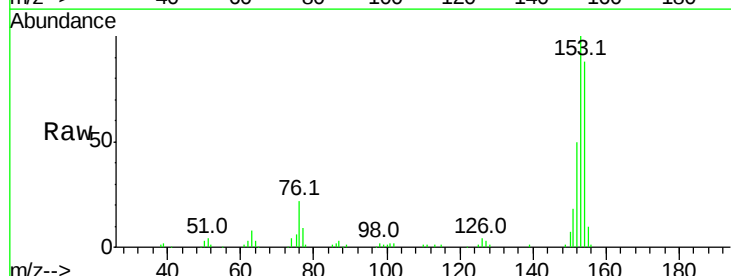


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

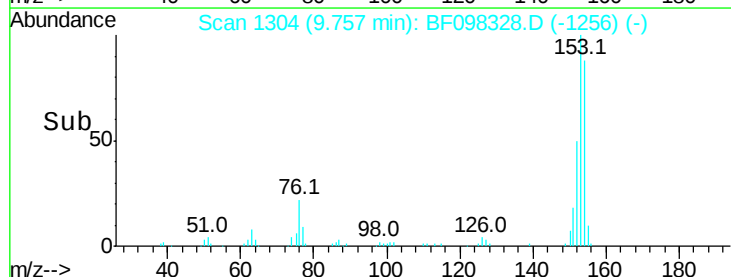
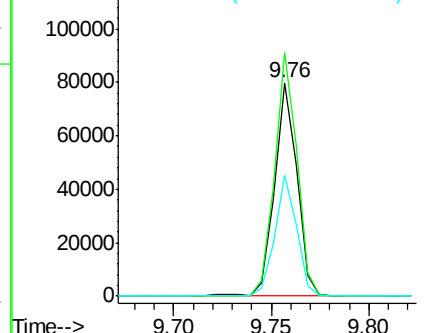


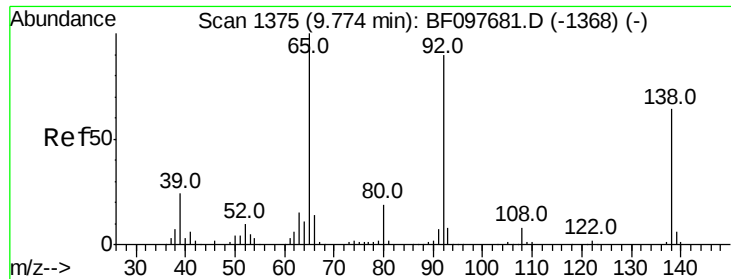
#51
Acenaphthene
Concen: 6.187 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:154 Resp: 63660
Ion Ratio Lower Upper
154 100
153 114.1 90.5 135.7
152 56.7 43.6 65.4



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

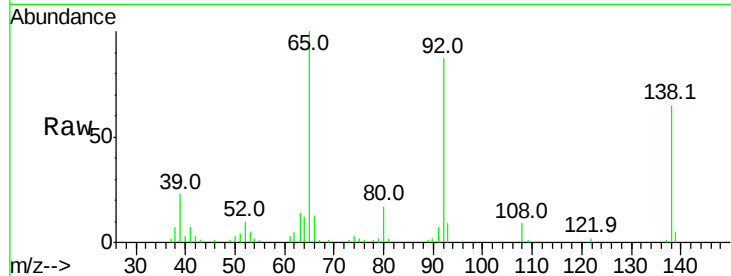




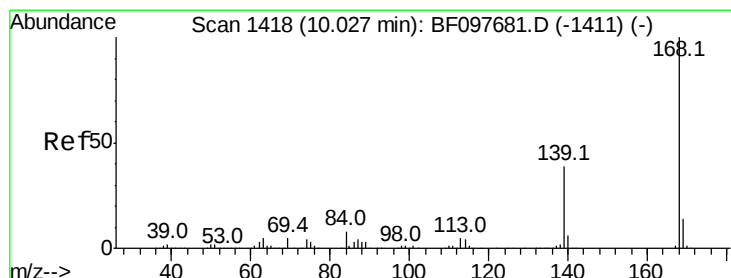
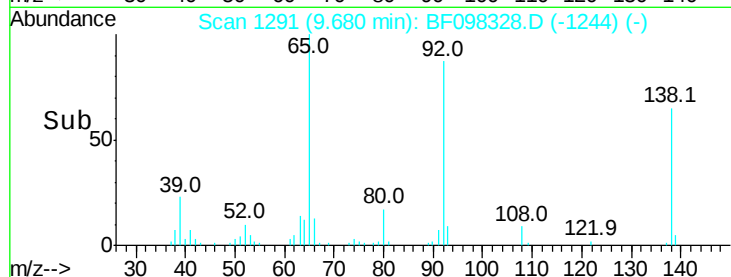
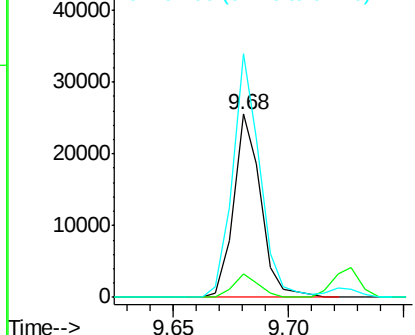
#52
3-Nitroaniline
Concen: 7.188 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

Tot Ion:138 Resp: 20864
Ion Ratio Lower Upper
138 100
108 13.0 9.1 13.7
92 133.0 93.8 140.6

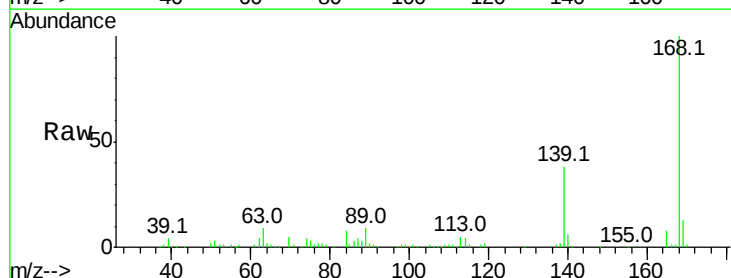


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

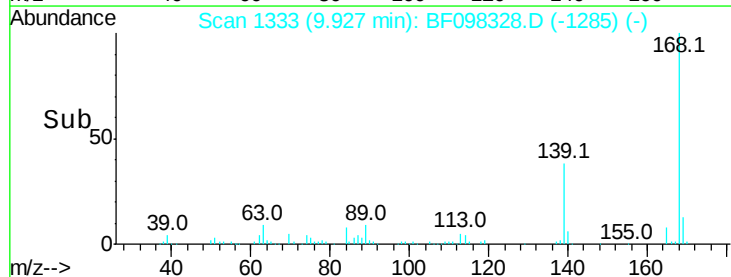
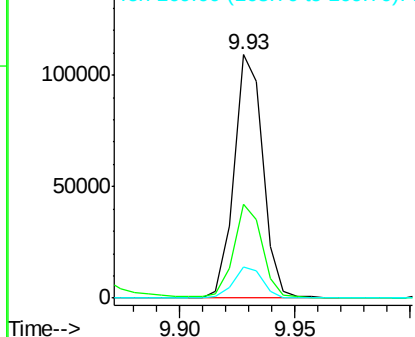


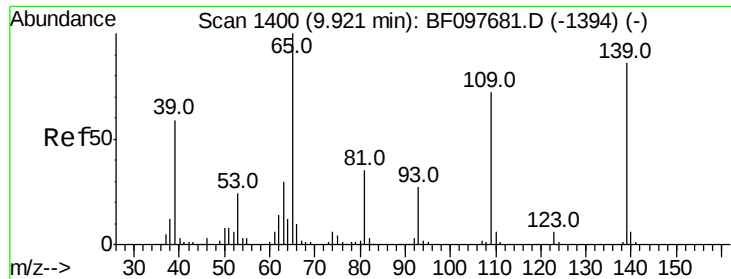
#54
Dibenzofuran
Concen: 6.903 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:168 Resp: 95192
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 12.9 10.8 16.2



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

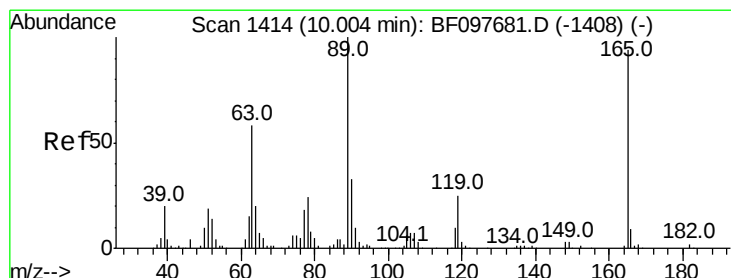
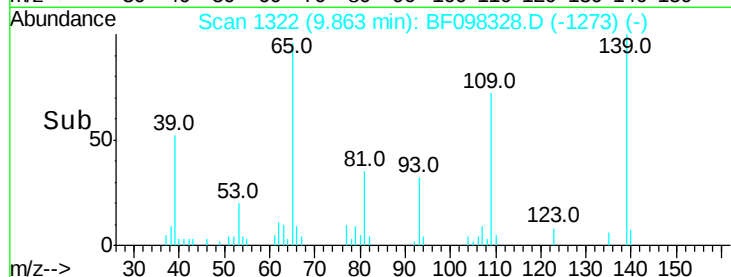
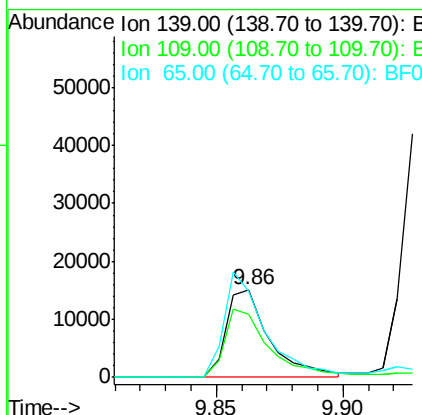
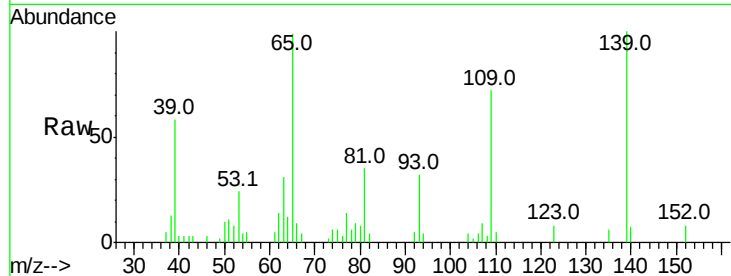




#55
4-Nitrophenol
Concen: 7.781 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

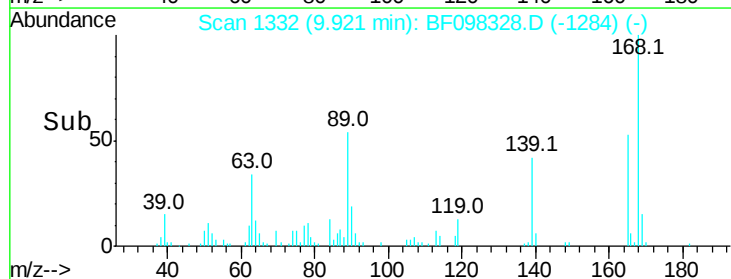
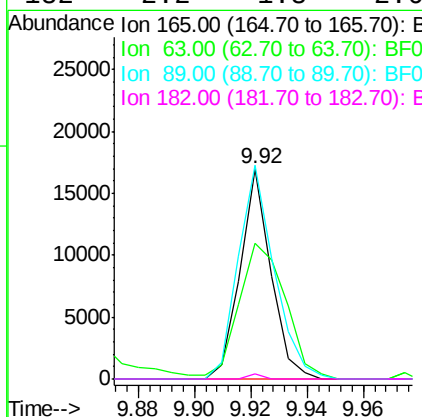
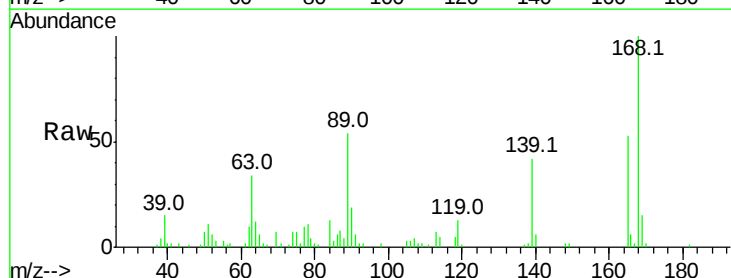
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

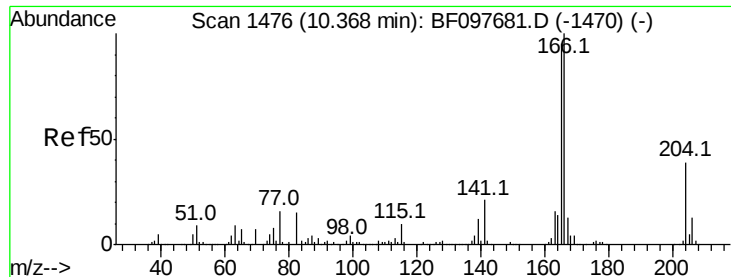
Tot Ion:139 Resp: 18016
Ion Ratio Lower Upper
139 100
109 72.0 34.1 74.1
65 98.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 4.563 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:165 Resp: 12884
Ion Ratio Lower Upper
165 100
63 64.7 25.4 38.0#
89 101.5 46.4 69.6#
182 2.2 1.8 2.6

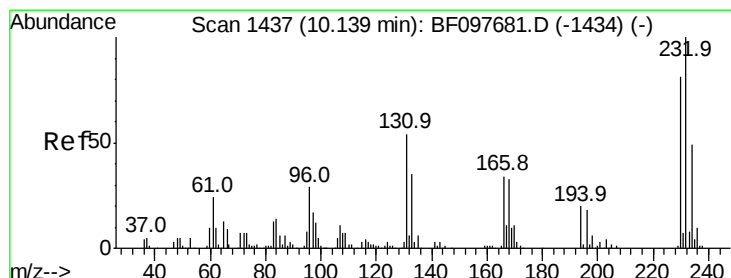
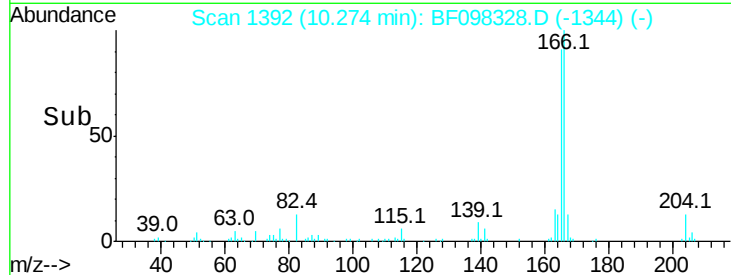
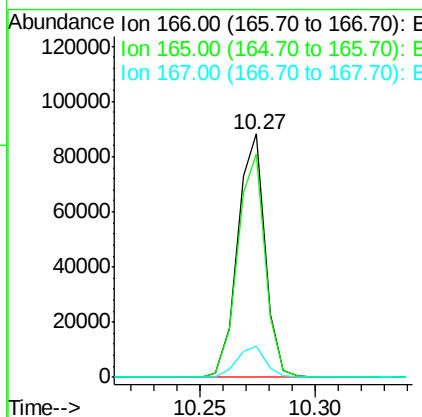
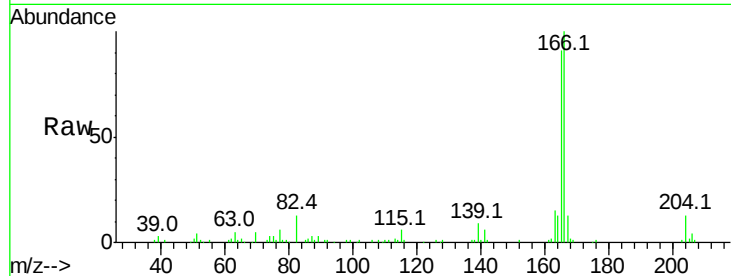




#57
 Fluorene
 Concen: 6.844 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

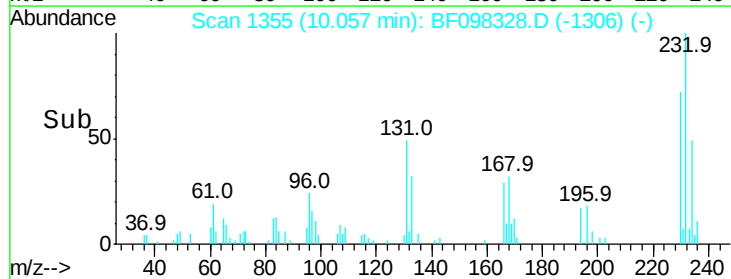
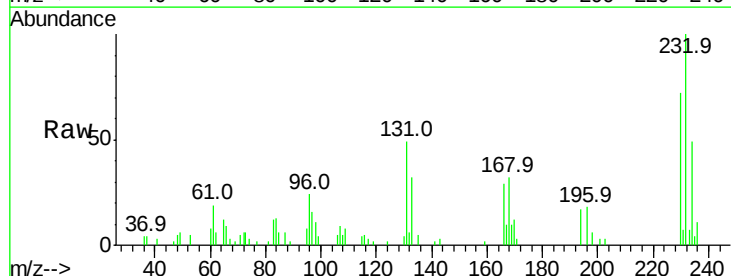
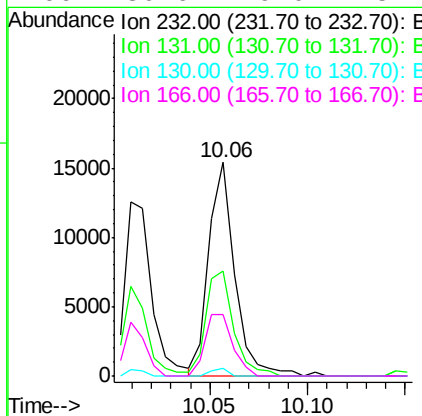
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

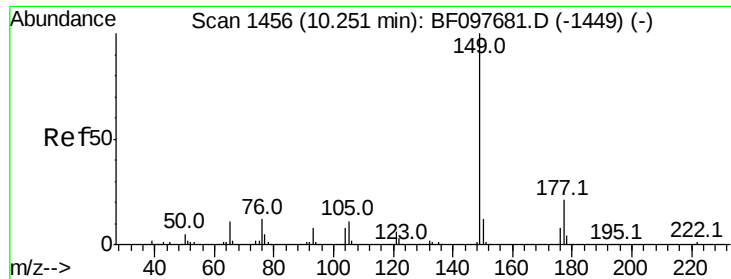
Tot Ion:166 Resp: 72971
 Ion Ratio Lower Upper
 166 100
 165 91.4 78.8 118.2
 167 12.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.903 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:232 Resp: 14404
 Ion Ratio Lower Upper
 232 100
 131 52.3 44.8 67.2
 130 2.3 2.3 3.5#
 166 30.6 29.0 43.4

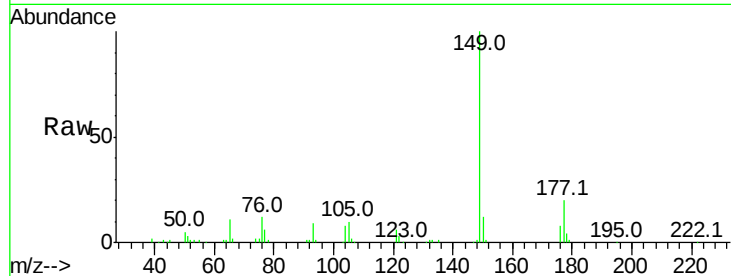




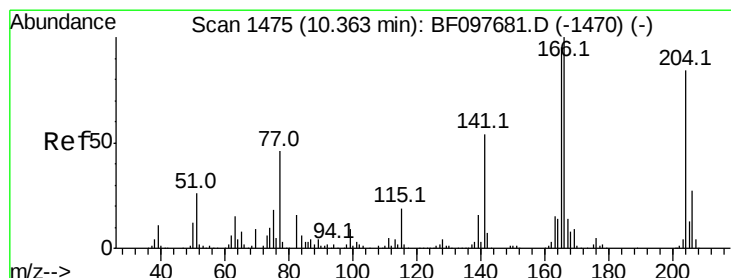
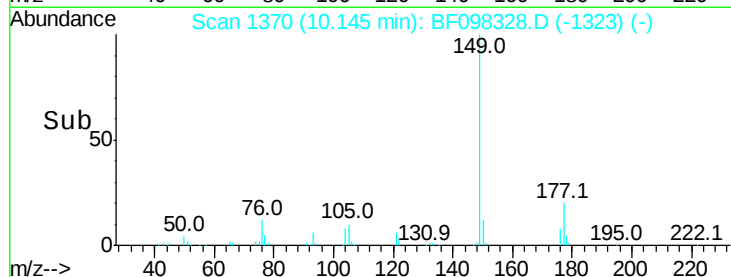
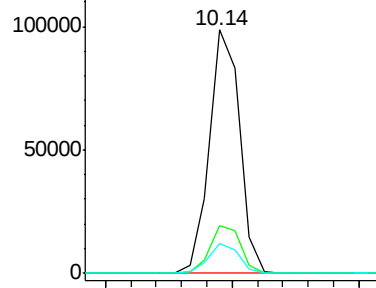
#59
Diethylphthalate
Concen: 6.940 ng
RT: 10.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

Tot Ion:149 Resp: 81794
Ion Ratio Lower Upper
149 100
177 19.5 16.7 25.1
150 12.1 10.2 15.2

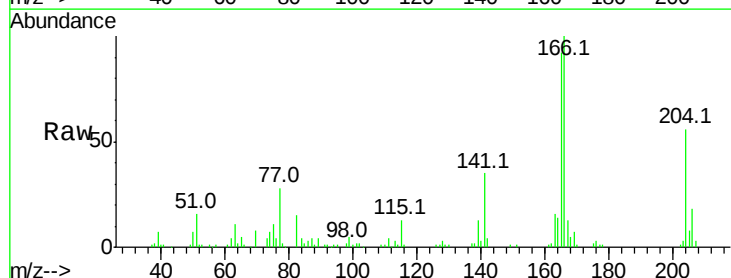


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

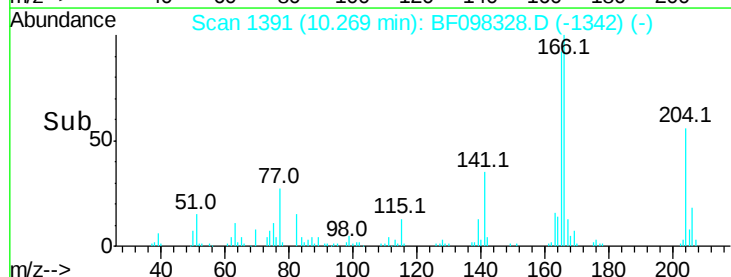
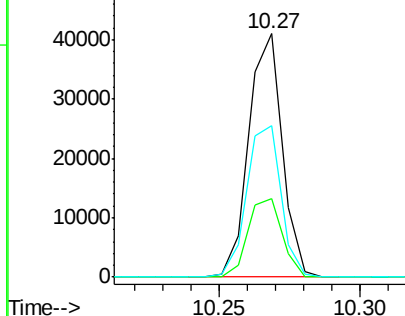


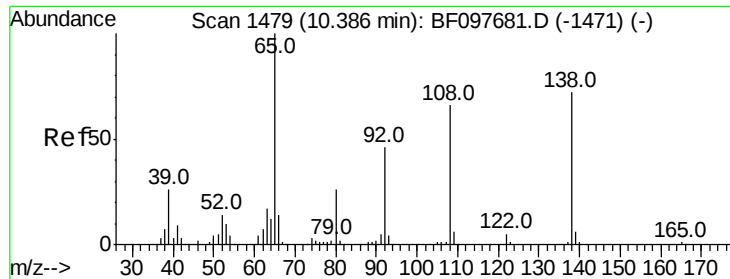
#60
4-Chlorophenyl-phenylether
Concen: 6.819 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:204 Resp: 33774
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 62.2 60.8 91.2



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

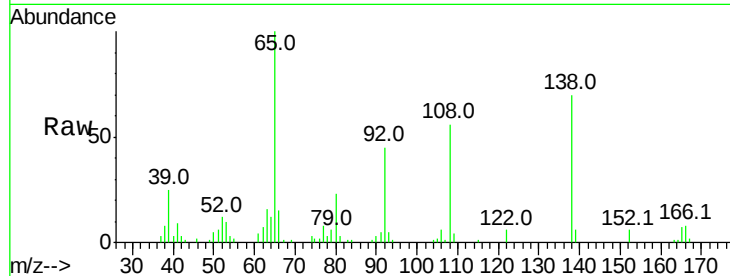




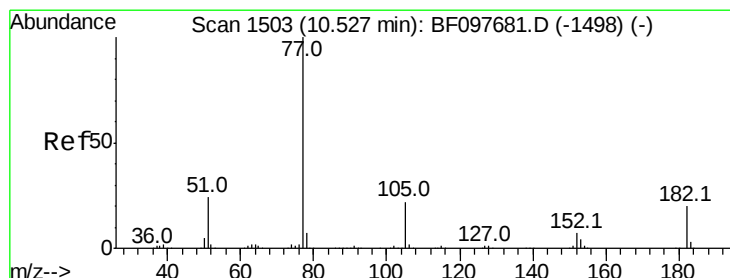
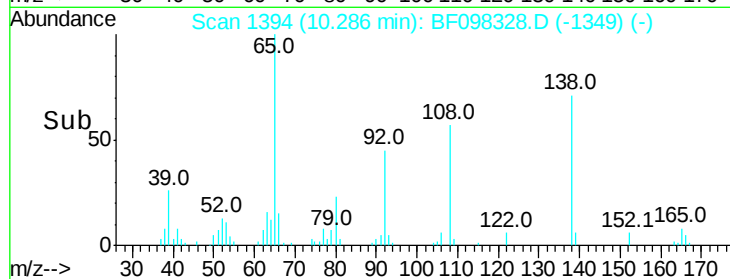
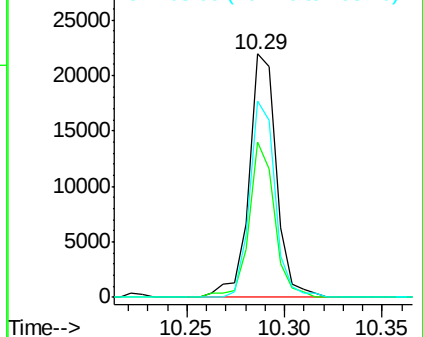
#61
4-Nitroaniline
Concen: 7.805 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

Tot Ion:138 Resp: 21532
Ion Ratio Lower Upper
138 100
92 64.0 21.8 61.8#
108 80.3 42.3 82.3

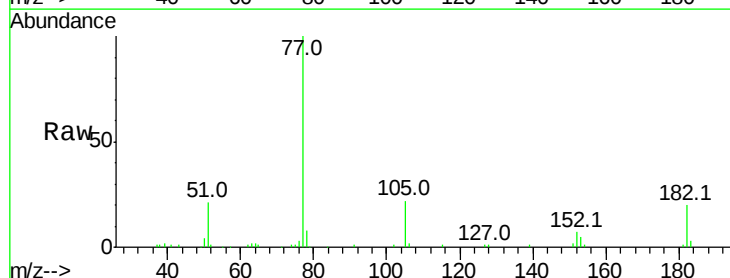


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

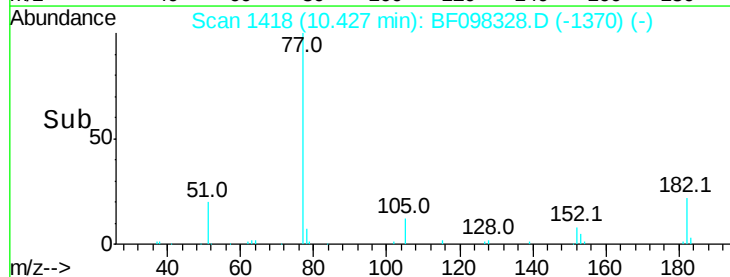
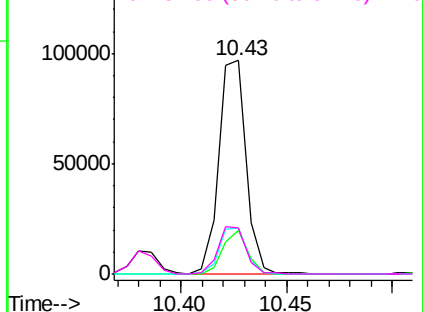


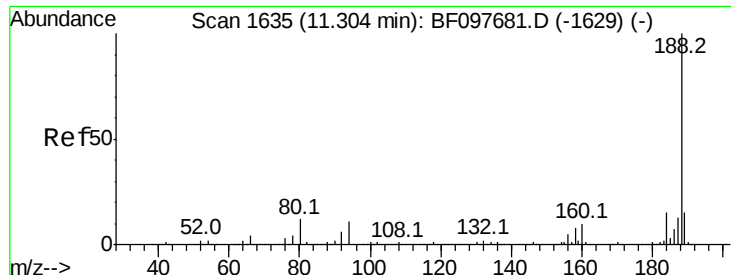
#62
Azobenzene
Concen: 6.190 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion: 77 Resp: 86661
Ion Ratio Lower Upper
77 100
182 20.3 0.1 40.1
105 21.8 3.6 43.6
51 21.3 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

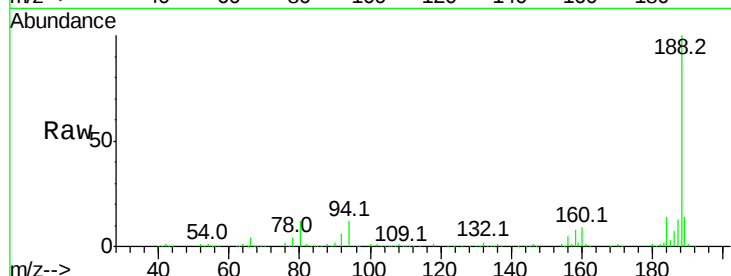
Tot Ion:188 Resp: 272316

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

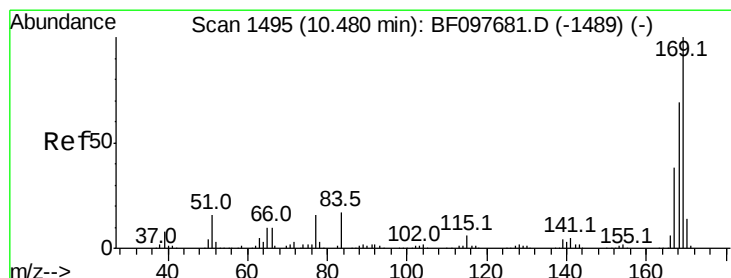
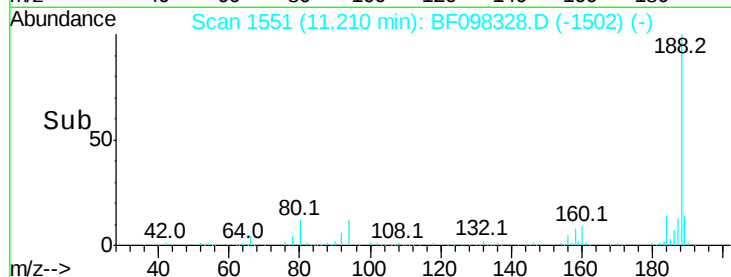
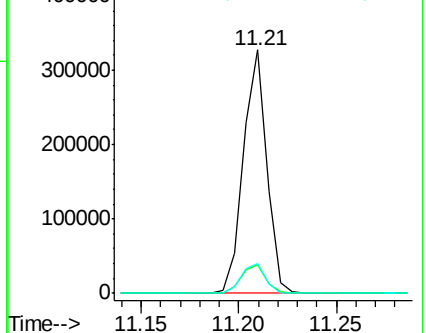
80 12.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 6.880 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

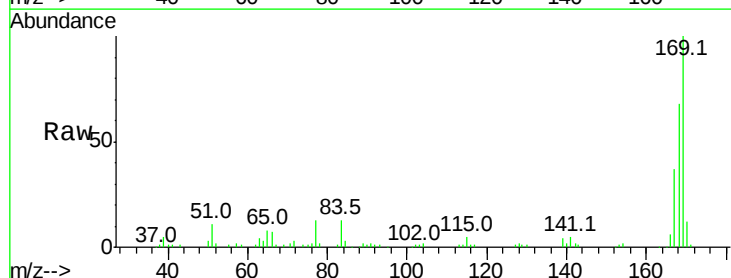
Tgt Ion:169 Resp: 63795

Ion Ratio Lower Upper

169 100

168 68.4 53.2 79.8

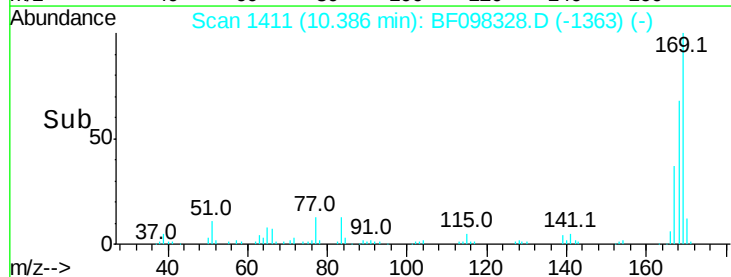
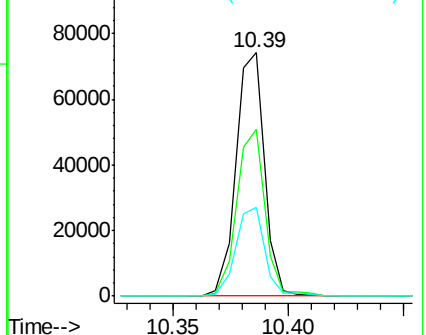
167 36.6 29.5 44.3

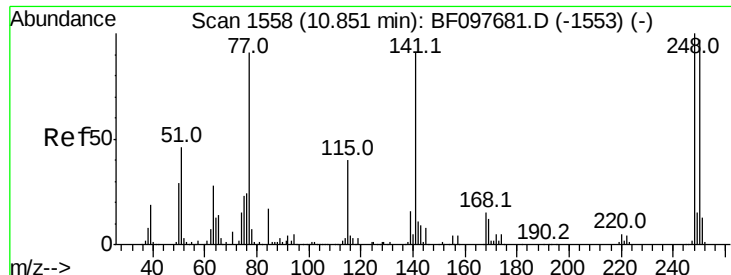


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

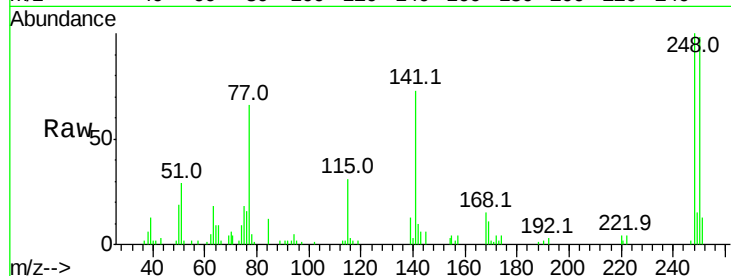




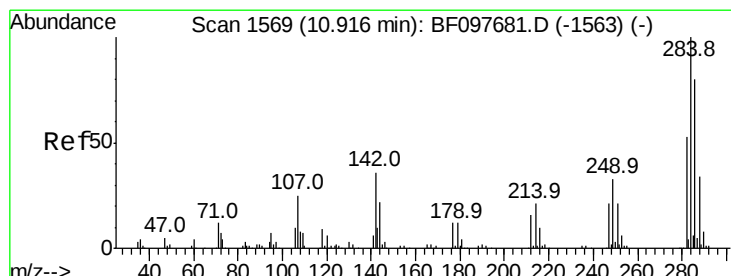
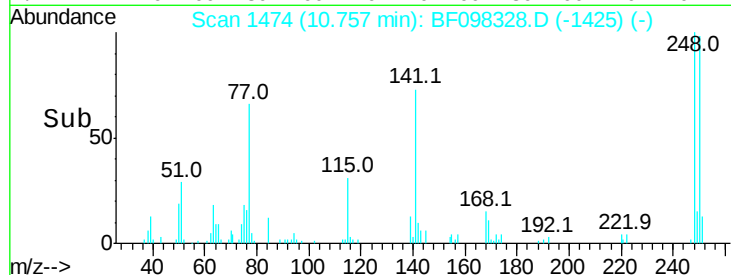
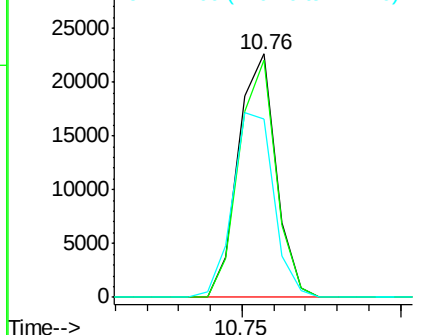
#66
 4-Bromophenyl-phenylether
 Concen: 6.587 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

Tot Ion:248 Resp: 18627
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.8 115.2
 141 73.4 68.6 103.0

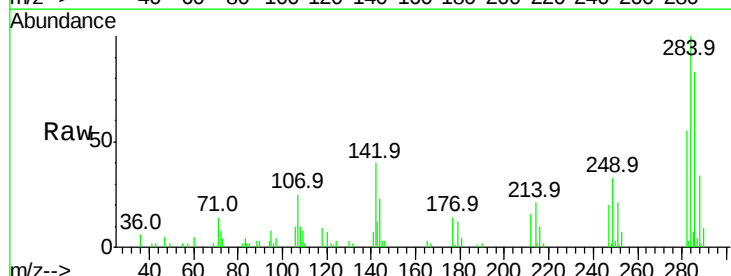


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

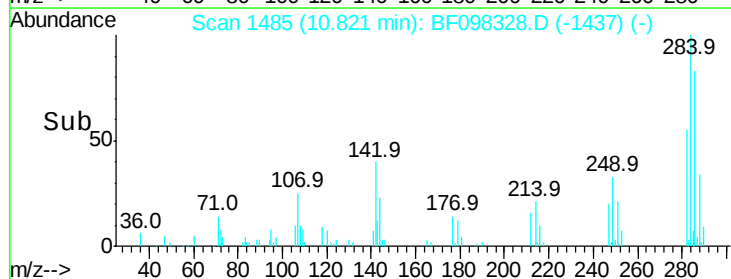
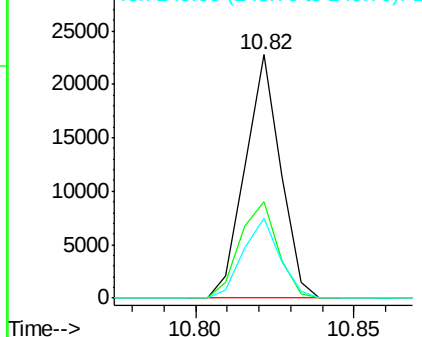


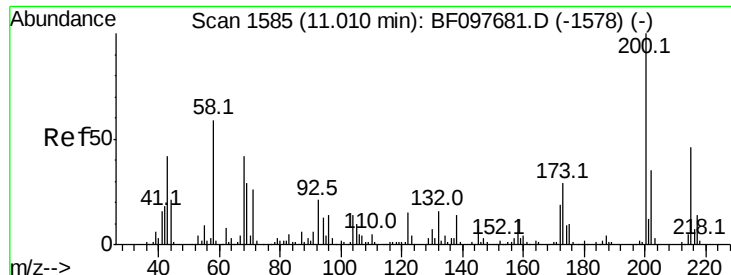
#67
 Hexachlorobenzene
 Concen: 6.138 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:284 Resp: 17692
 Ion Ratio Lower Upper
 284 100
 142 39.6 22.8 34.2#
 249 32.7 24.0 36.0



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

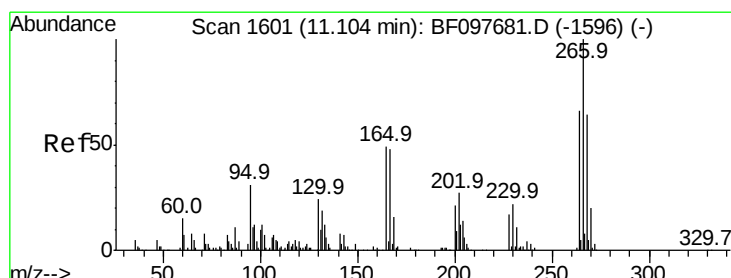
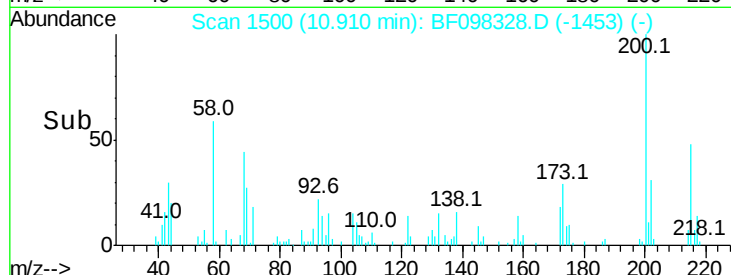
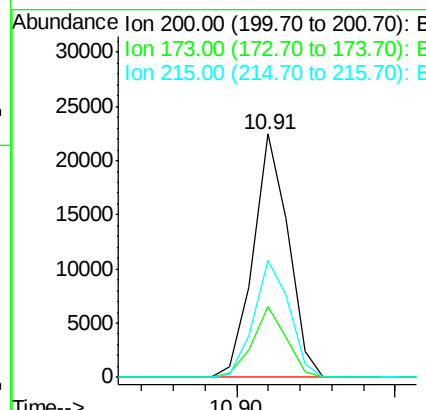
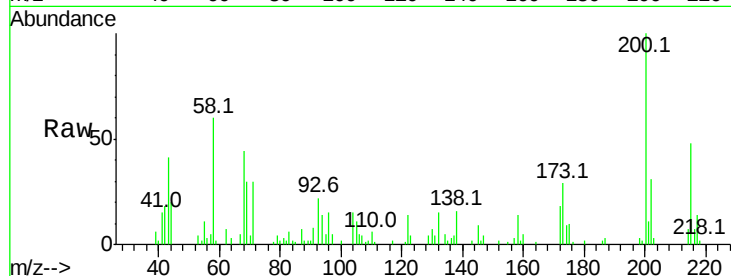




#68
Atrazine
Concen: 7.001 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

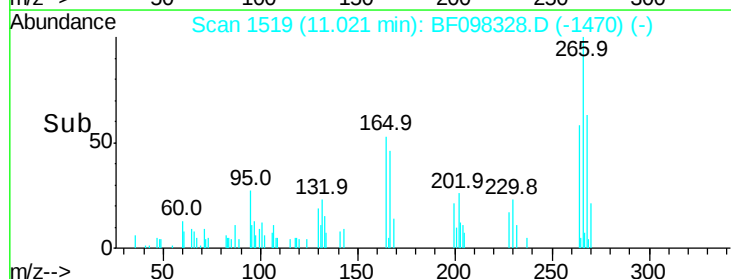
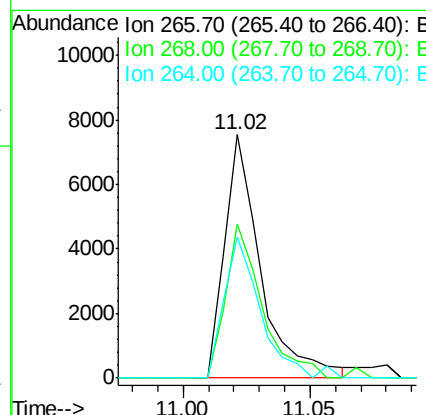
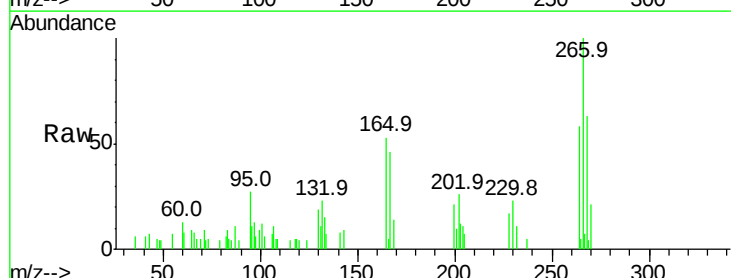
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

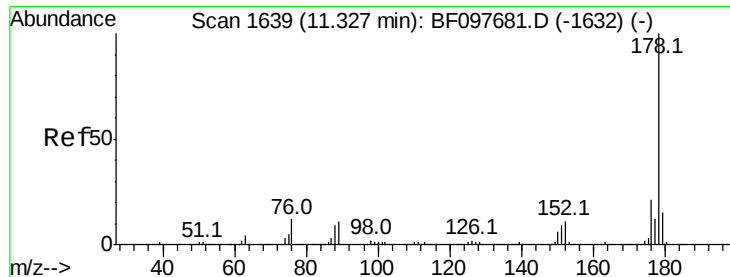
Tot Ion:200 Resp: 17217
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 47.9 27.2 67.2



#69
Pentachlorophenol
Concen: 4.450 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:266 Resp: 7478
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 57.9 51.7 77.5





#70

Phenanthrene

Concen: 7.164 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

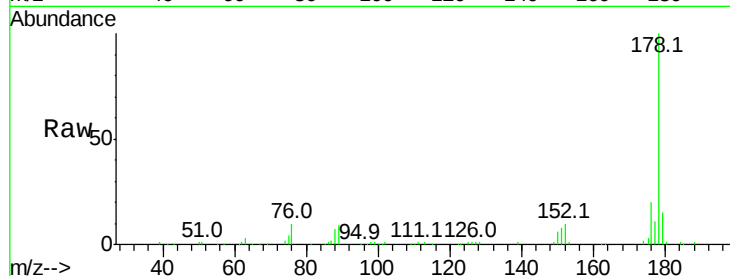
Tot Ion:178 Resp: 103955

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

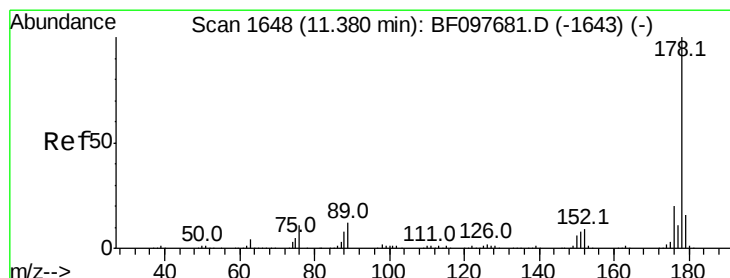
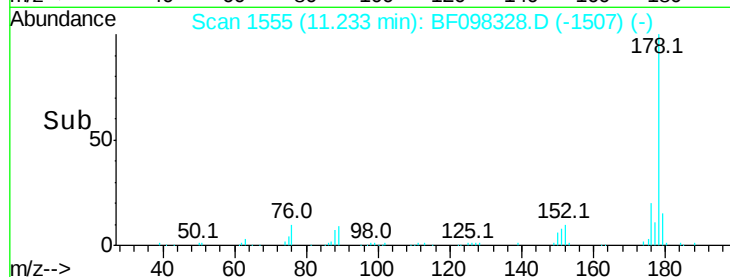
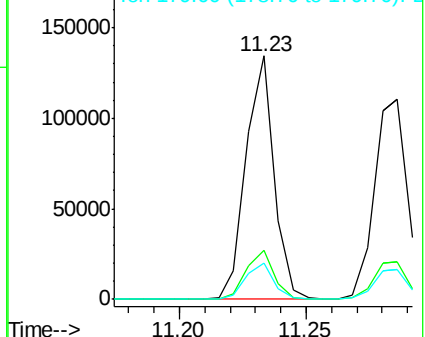
179 14.9 12.6 19.0



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: 6.889 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

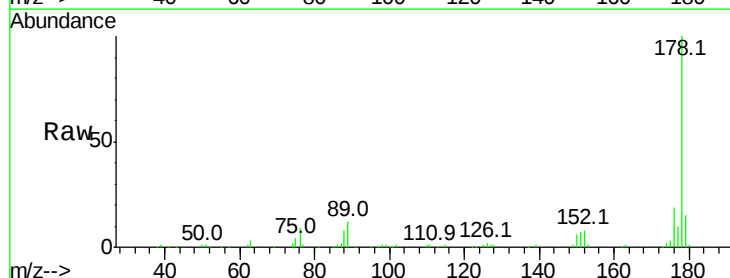
Tgt Ion:178 Resp: 101394

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

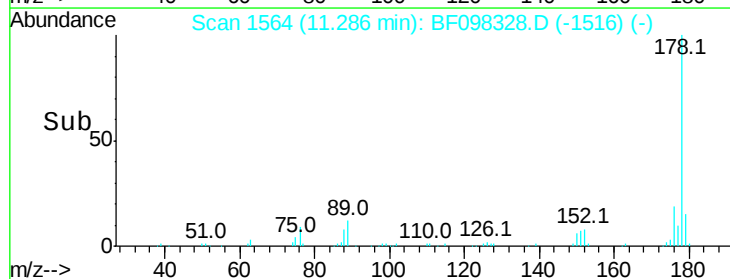
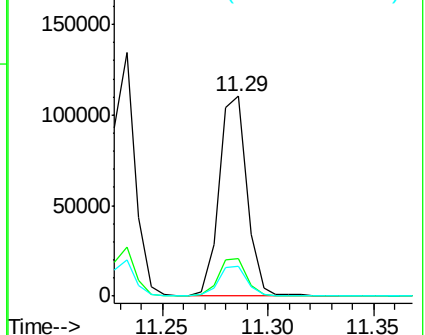
179 14.7 12.7 19.1

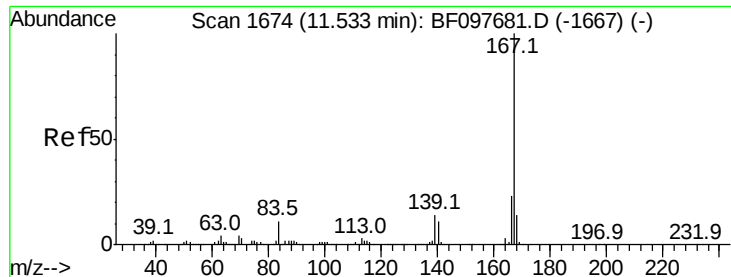


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.838 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

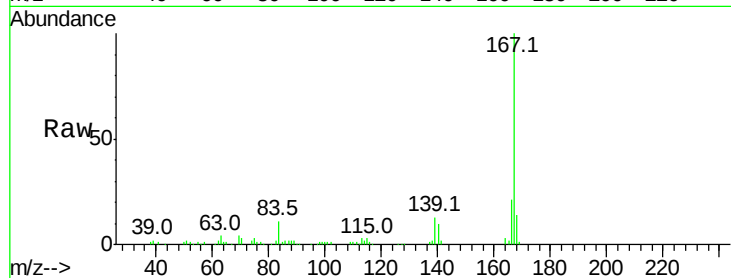
Tot Ion:167 Resp: 95526

Ion Ratio Lower Upper

167 100

166 21.1 18.1 27.1

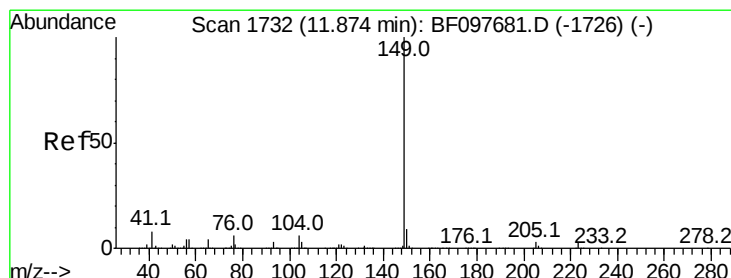
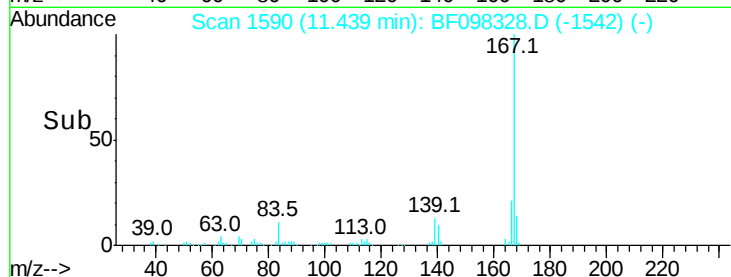
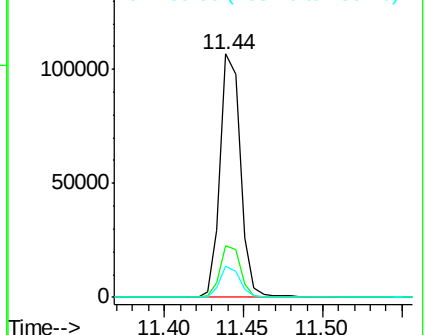
139 13.0 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 7.565 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

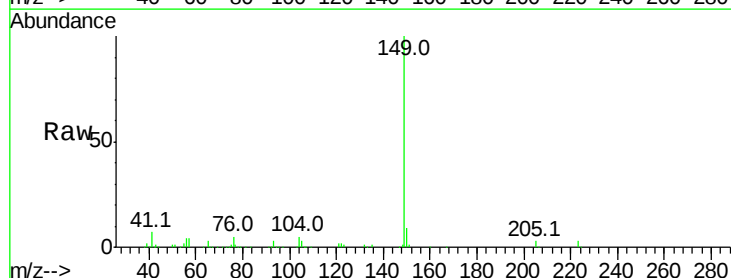
Tgt Ion:149 Resp: 121739

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

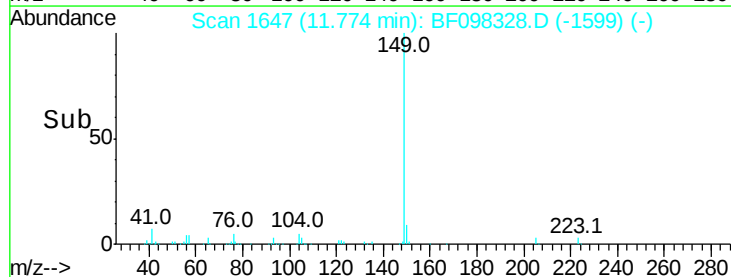
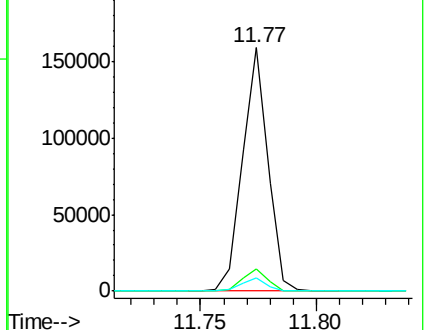
104 5.2 4.0 6.0

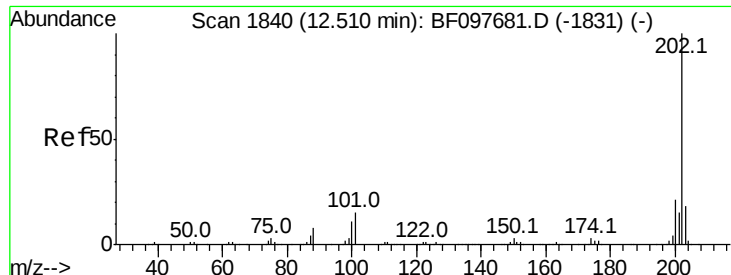


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

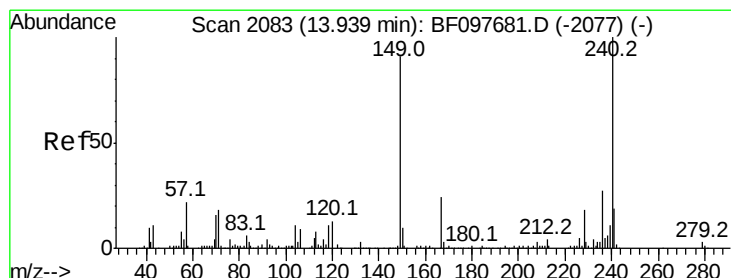
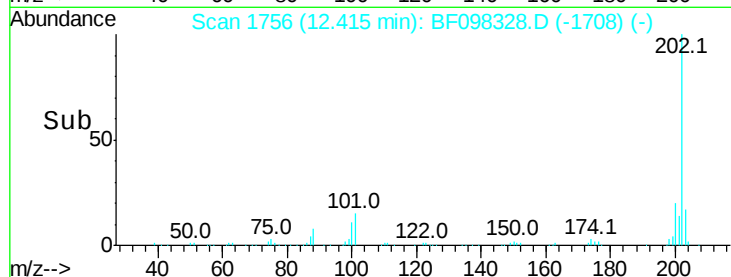
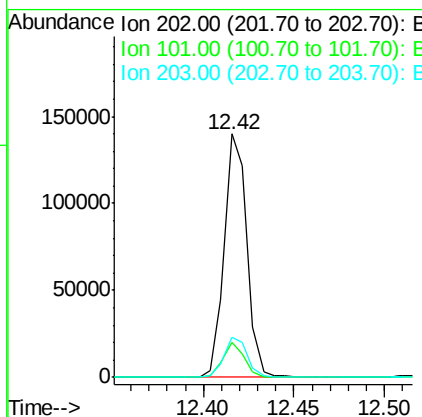
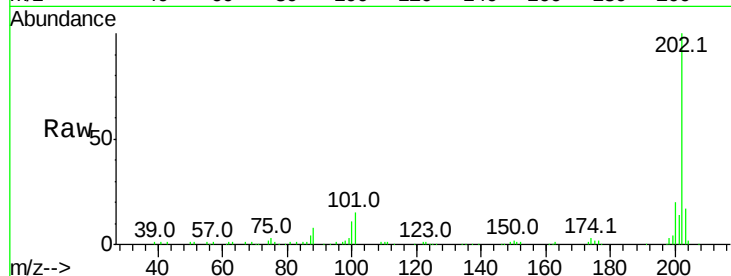




#74
 Fluoranthene
 Concen: 8.063 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

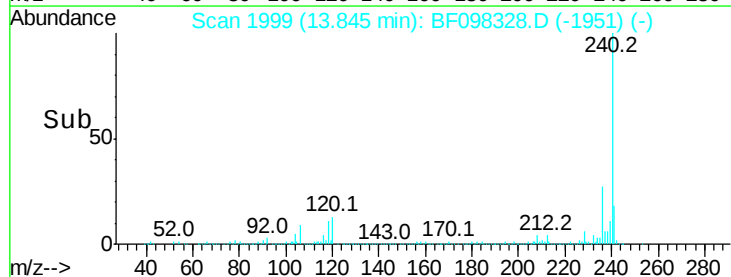
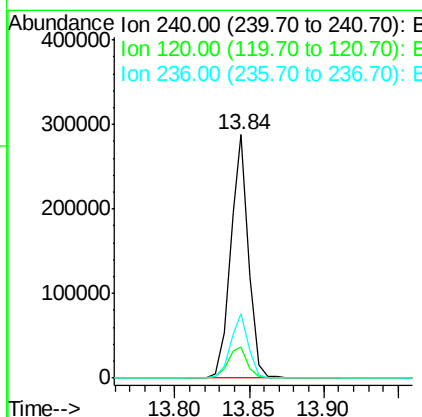
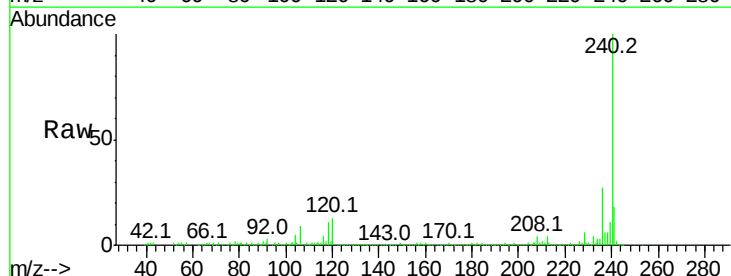
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

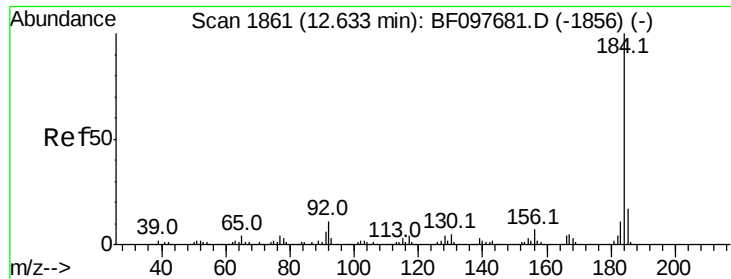
Tot Ion	Ratio	Resp	Lower	Upper
202	100	122122		
101	14.6		0.0	33.2
203	16.6		0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	242190		
120	12.9		5.8	8.8#
236	26.7		20.5	30.7





#76

Benzidine

Concen: 7.652 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

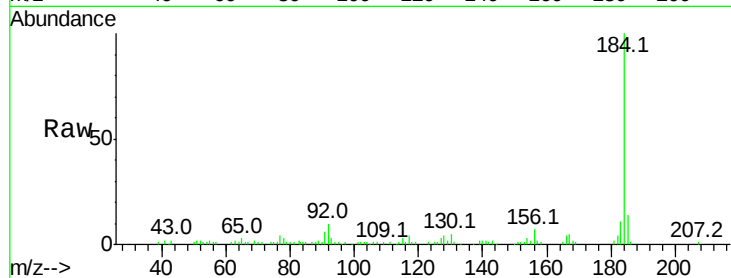
Tot Ion:184 Resp: 60765

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

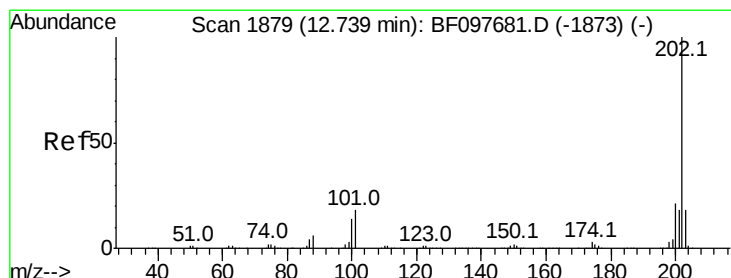
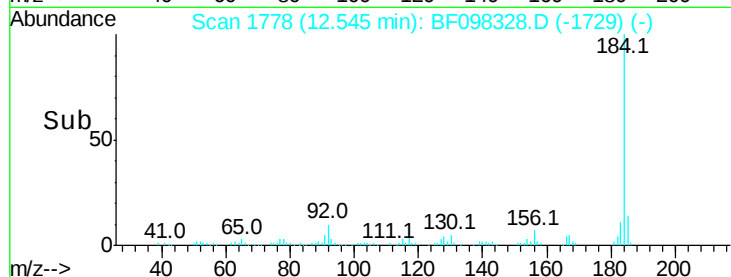
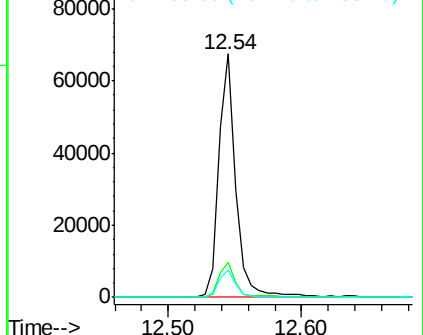
183 11.0 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 6.328 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

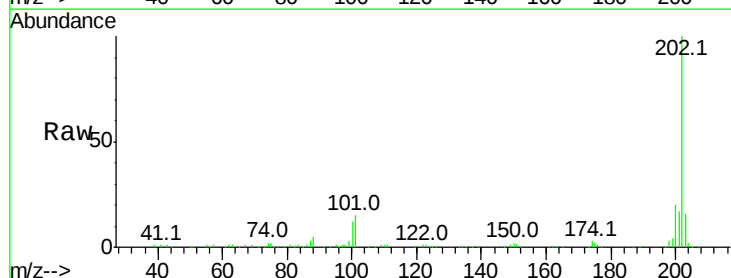
Tgt Ion:202 Resp: 125339

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

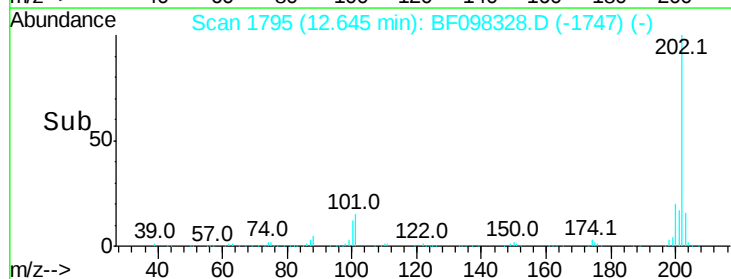
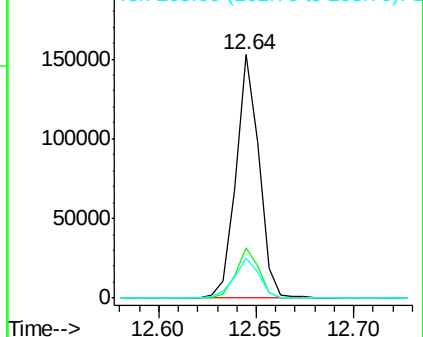
203 16.3 14.4 21.6

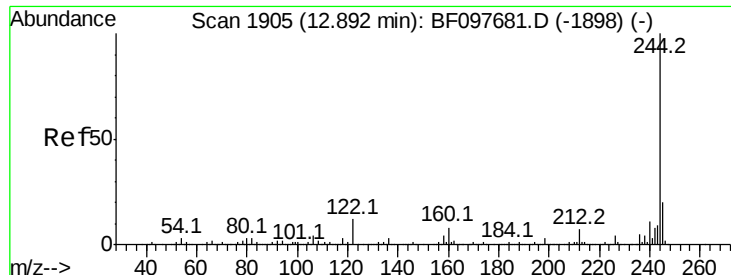


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 10.931 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

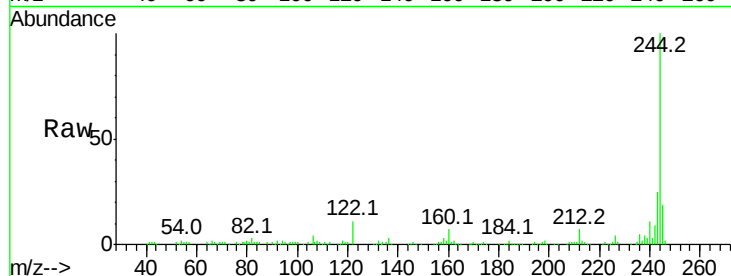
Tot Ion:244 Resp: 126949

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

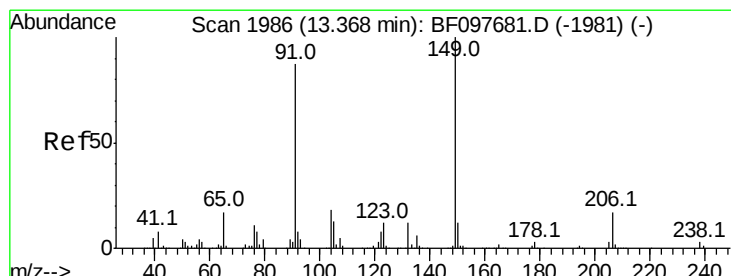
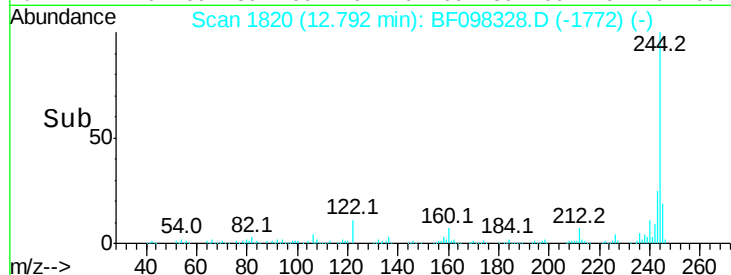
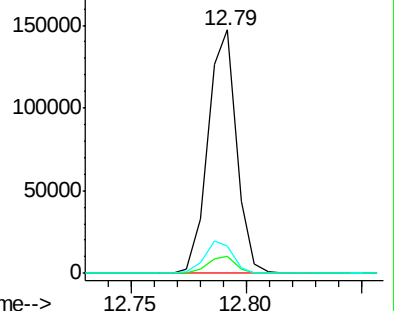
122 11.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 6.644 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

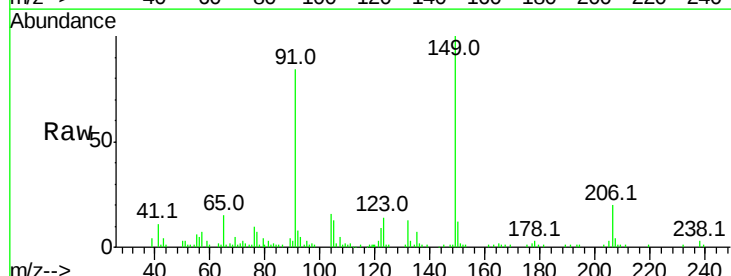
Tgt Ion:149 Resp: 50459

Ion Ratio Lower Upper

149 100

91 84.3 45.0 67.4#

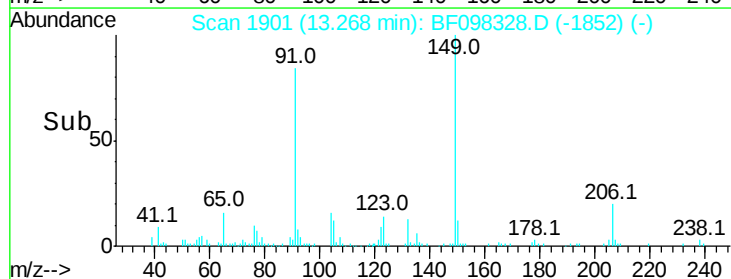
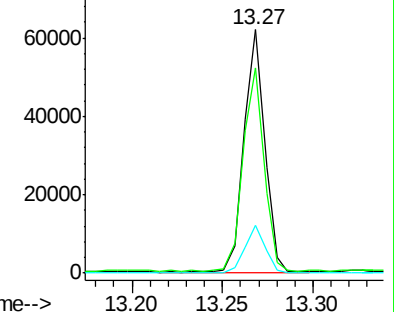
206 19.8 17.0 25.6

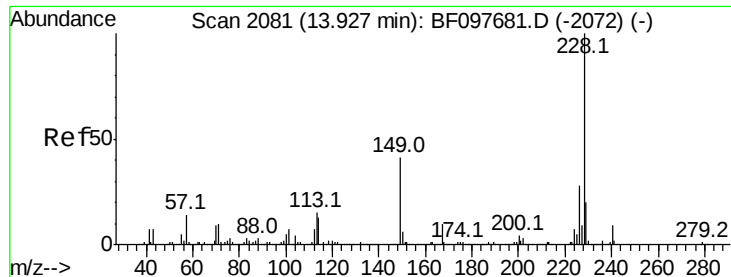


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

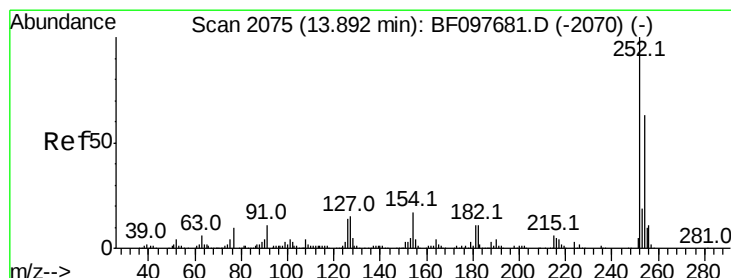
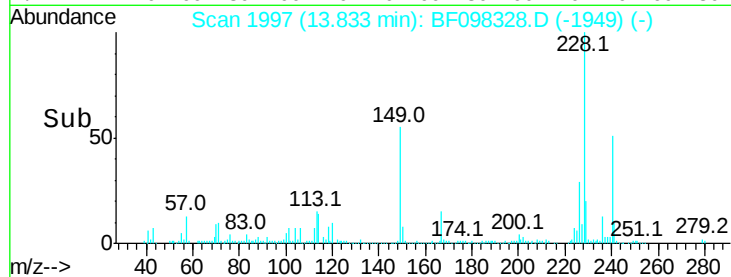
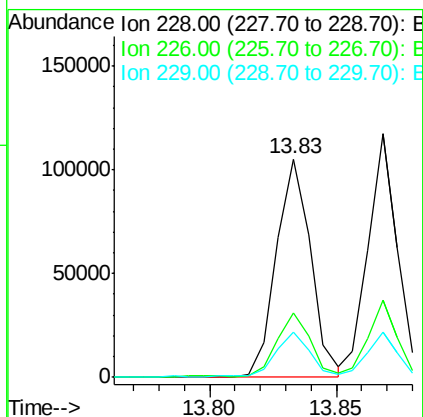
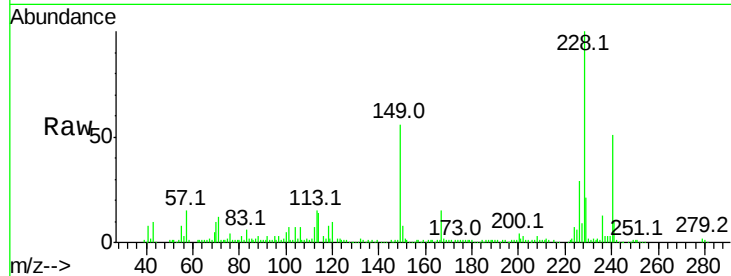




#80
Benzo(a)anthracene
Concen: 6.835 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

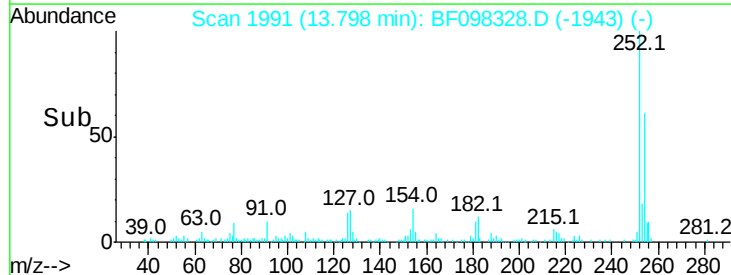
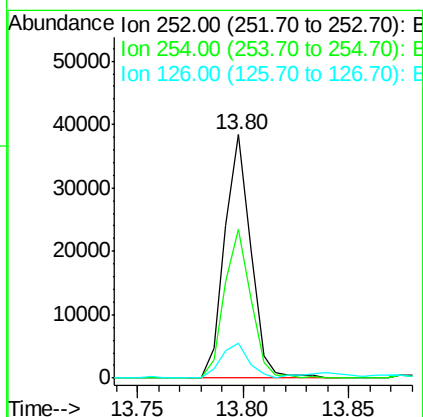
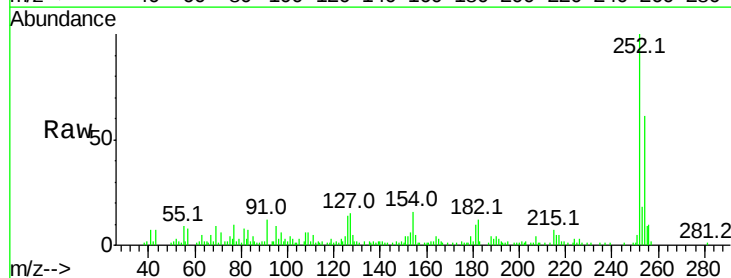
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

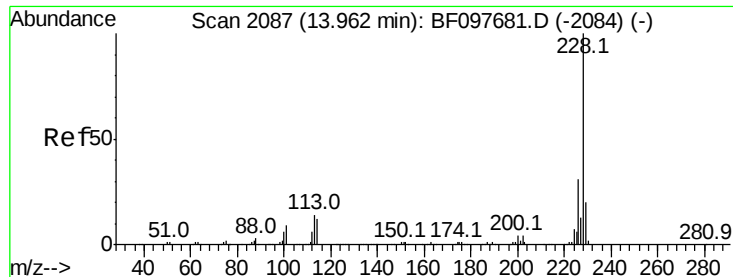
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.8	16.3	24.5



#81
3,3'-Dichlorobenzidine
Concen: 6.707 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.2	51.5	77.3
126	14.3	15.8	23.8#

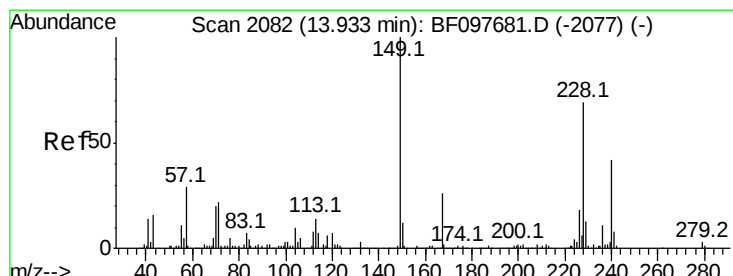
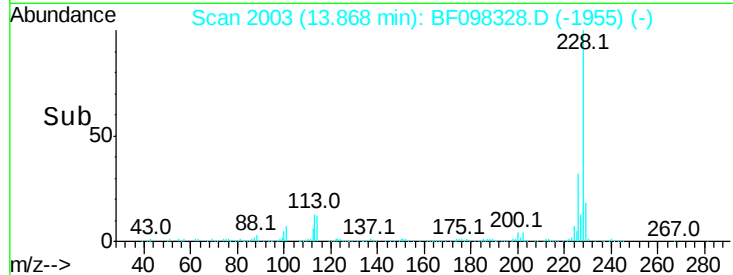
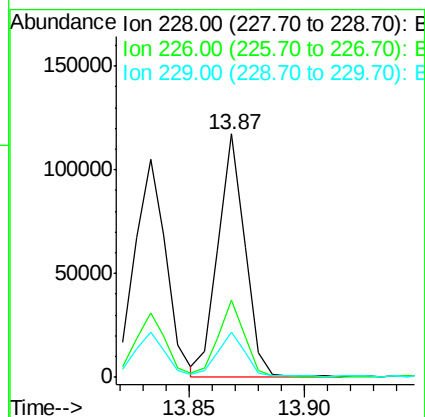
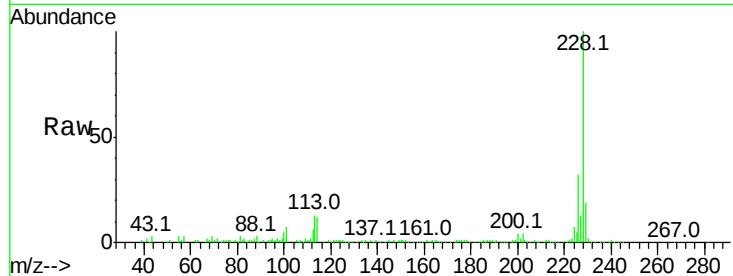




#82
 Chrysene
 Concen: 6.536 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

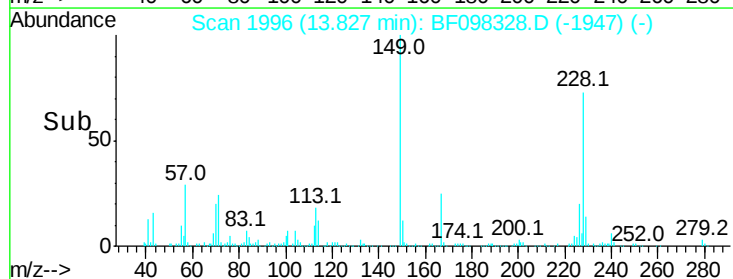
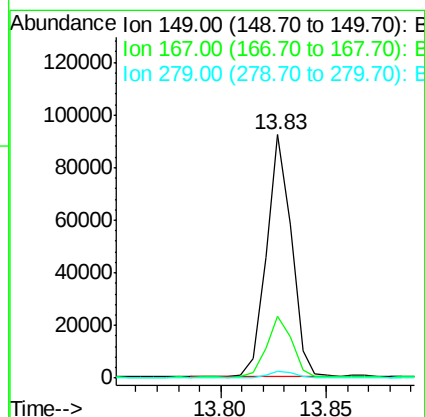
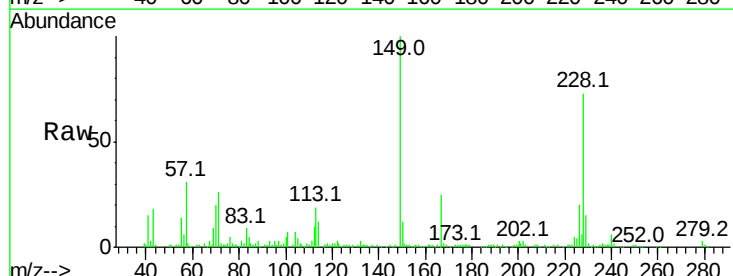
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5MSD

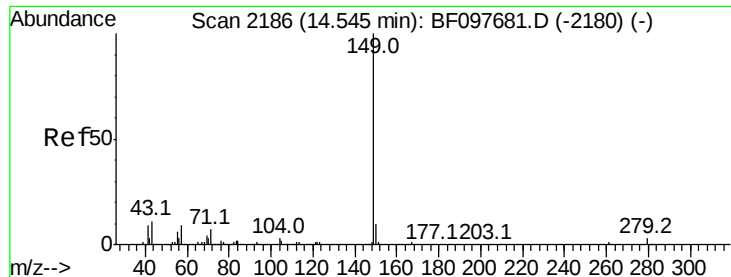
Tot Ion:228	Resp:	94378
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.9 37.3
229	18.7	15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.964 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF098328.D
 Acq: 7 Sep 2017 22:01

Tgt Ion:149	Resp:	75434
Ion Ratio	Lower	Upper
149	100	
167	25.3	21.0 31.4
279	2.6	1.9 2.9





#84

Di-n-octyl phthalate

Concen: 8.608 ng

RT: 14.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5MSD

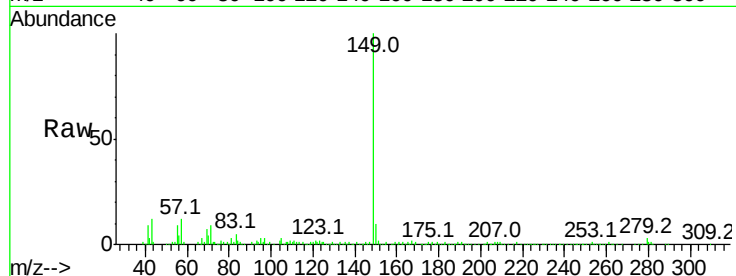
Tot Ion:149 Resp: 126044

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

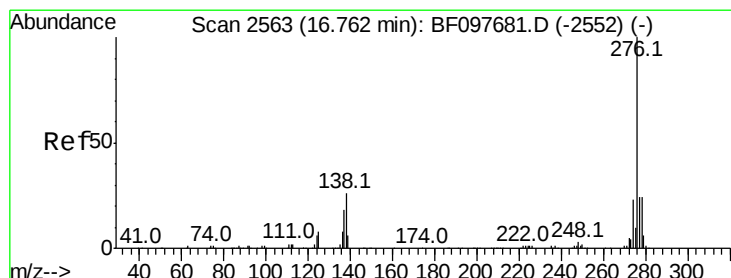
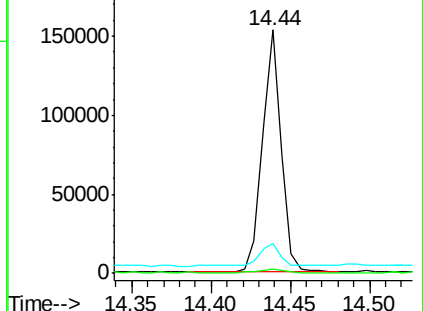
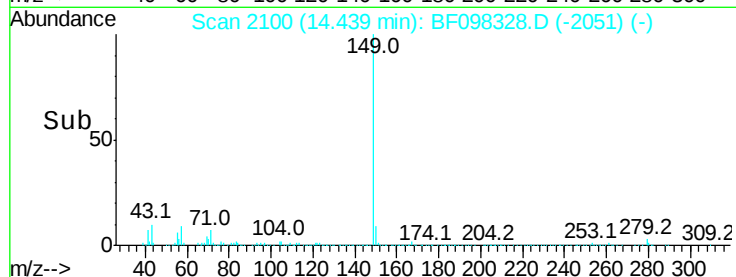
43 10.6 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.572 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.03 min

Lab File: BF098328.D

Acq: 7 Sep 2017 22:01

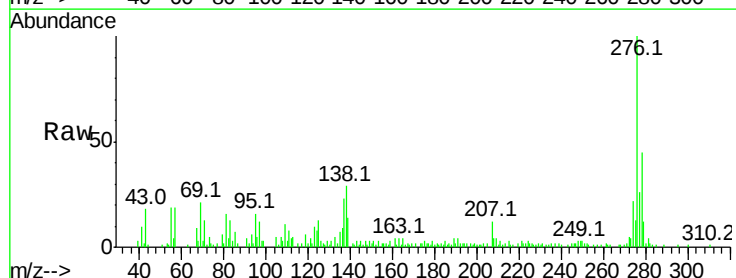
Tgt Ion:276 Resp: 59191

Ion Ratio Lower Upper

276 100

138 29.2 27.8 41.6

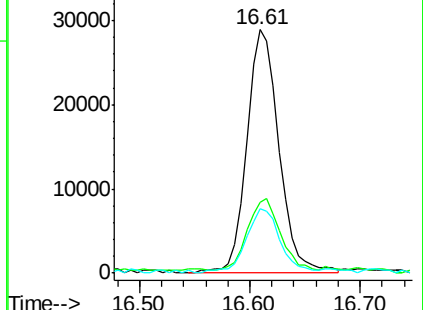
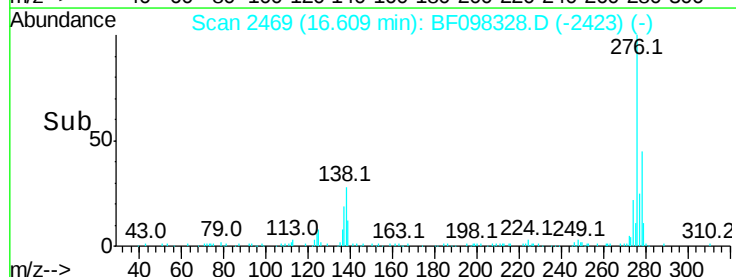
277 28.2 20.2 30.4

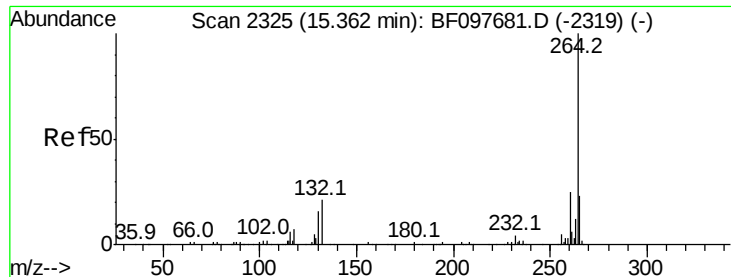


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

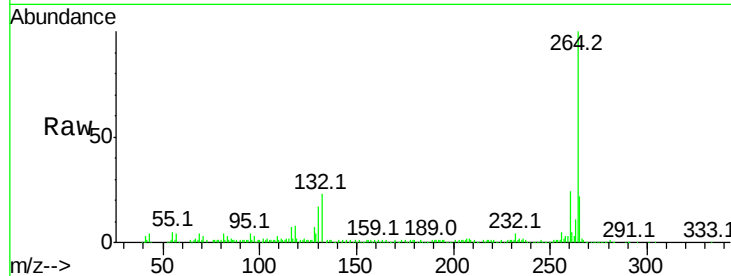




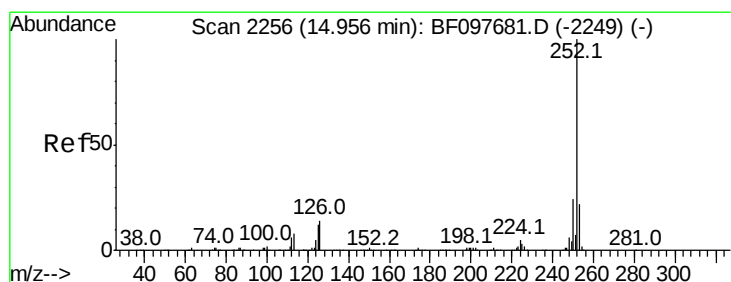
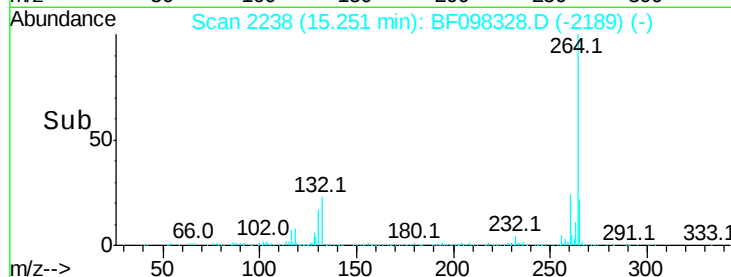
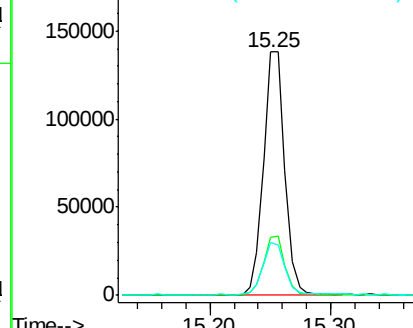
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

Tot Ion:264 Resp: 171032
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.9 17.2 25.8

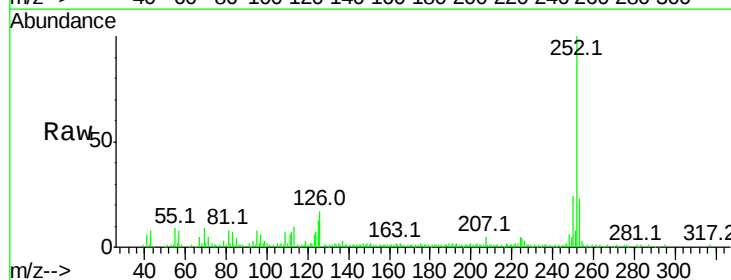


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

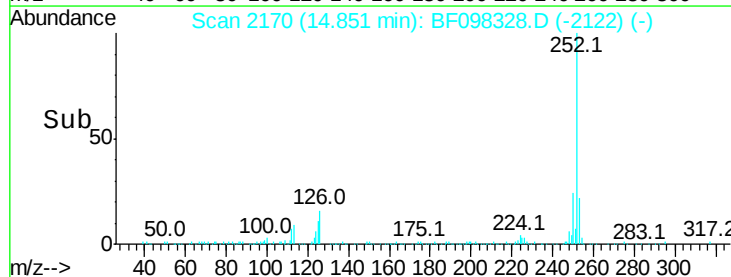
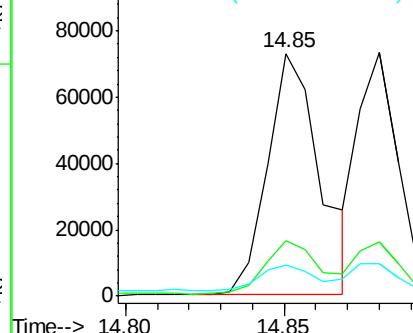


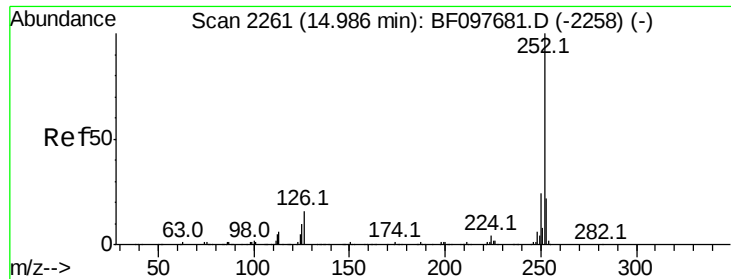
#87
Benzo(b)fluoranthene
Concen: 7.776 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:252 Resp: 83835
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

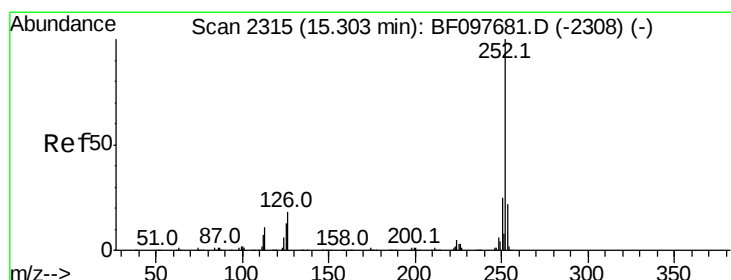
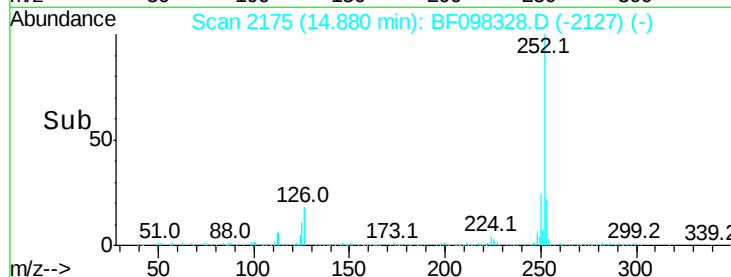
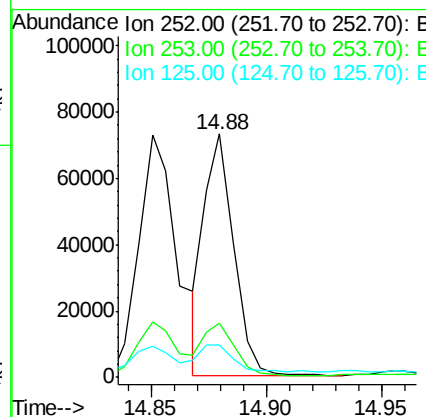
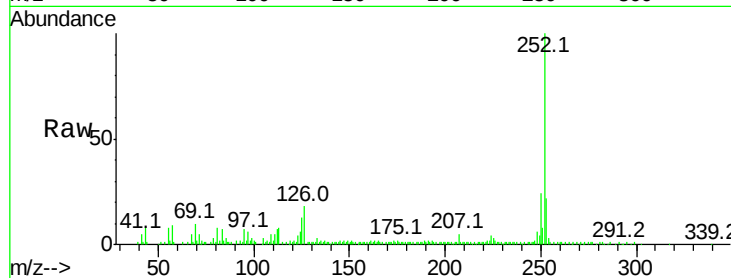




#88
Benzo(k)fluoranthene
Concen: 6.408 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

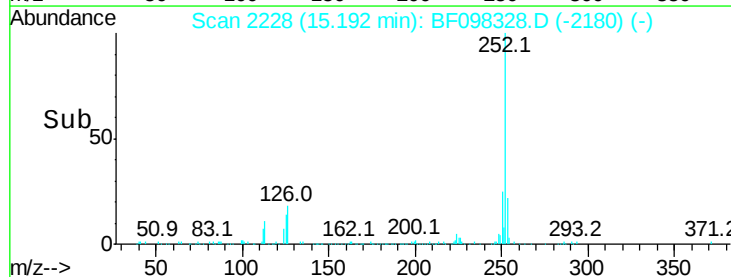
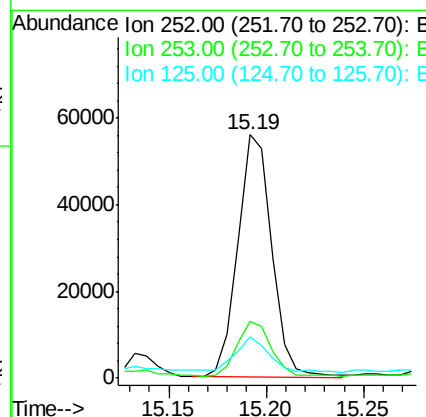
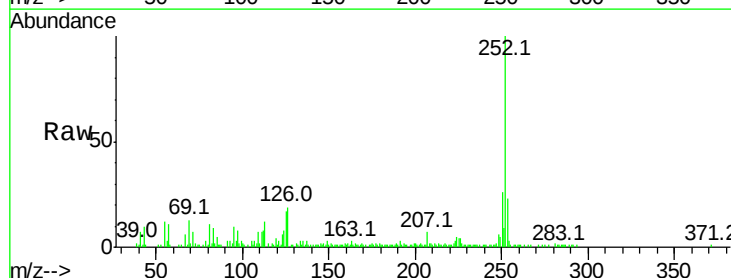
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

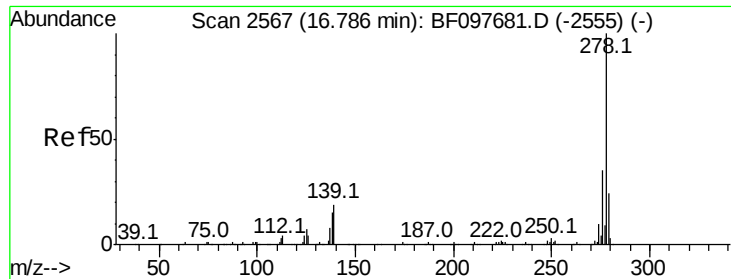
Tot Ion:252 Resp: 64901
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 13.3 13.1 19.7



#89
Benzo(a)pyrene
Concen: 7.123 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion:252 Resp: 67977
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 17.1 11.0 16.4#

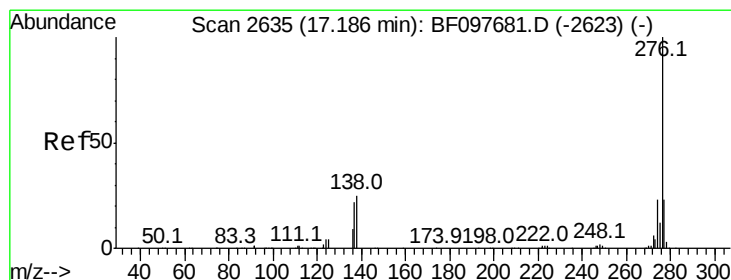
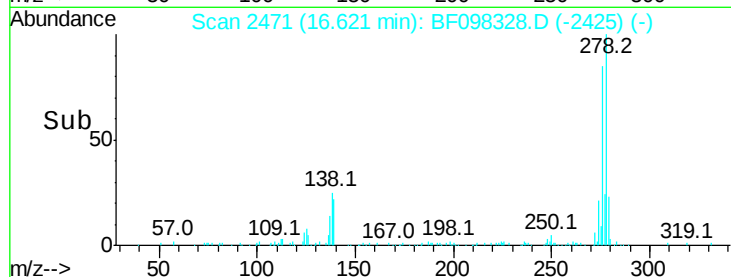
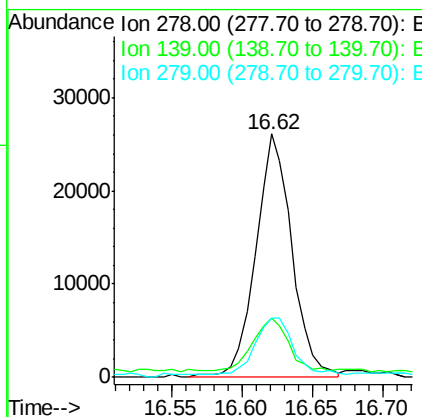
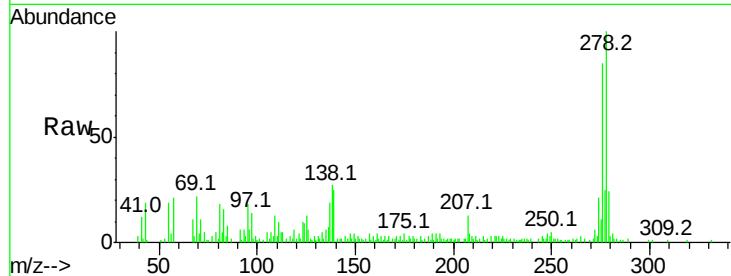




#90
Dibenzo(a,h)anthracene
Concen: 6.059 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.03 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.6	16.6	24.8
279	24.4	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 5.981 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF098328.D
Acq: 7 Sep 2017 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	28.7	25.4	38.0

