

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097068.D
 Acq On : 26 Jul 2017 11:42
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 13:48:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	117894	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	495082	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	218509	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	367912	20.00	ng	0.00
75) Chrysene-d12	13.63	240	236665	20.00	ng	0.00
86) Perylene-d12	14.98	264	230739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	607159	77.64	ng	0.00
7) Phenol-d6	6.16	99	681168	76.29	ng	0.00
23) Nitrobenzene-d5	7.07	82	646677	76.63	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	141407	81.91	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1018097	79.07	ng	0.00
78) Terphenyl-d14	12.59	244	899750	77.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	125717	38.521	ng	# 75
3) Pyridine	2.63	79	395066	39.532	ng	# 64
4) n-Nitrosodimethylamine	2.60	42	220647	39.854	ng	# 81
6) Aniline	6.16	93	430365	38.306	ng	# 78
8) 2-Chlorophenol	6.29	128	326098	38.996	ng	# 94
9) Benzaldehyde	6.04	77	173950	32.916	ng	# 99
10) Phenol	6.17	94	408437	38.568	ng	# 96
11) bis(2-Chloroethyl)ether	6.25	93	316287	37.762	ng	# 92
12) 1,3-Dichlorobenzene	6.44	146	349015	38.728	ng	# 98
13) 1,4-Dichlorobenzene	6.52	146	350687	39.267	ng	# 97
14) 1,2-Dichlorobenzene	6.67	146	314307	40.306	ng	# 96
15) Benzyl Alcohol	6.66	79	222162	39.303	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.79	45	672369	40.023	ng	# 94
17) 2-Methylphenol	6.78	107	258887	40.113	ng	# 94
18) Hexachloroethane	7.01	117	128735	39.401	ng	# 84
19) n-Nitroso-di-n-propylamine	6.93	70	225297	38.337	ng	# 83
20) 3+4-Methylphenols	6.94	107	332210	39.411	ng	# 64
22) Acetophenone	6.92	105	447856	37.669	ng	# 97
24) Nitrobenzene	7.09	77	335618	38.185	ng	# 95
25) Isophorone	7.33	82	595942	36.058	ng	# 96
26) 2-Nitrophenol	7.40	139	185001	38.905	ng	# 87
27) 2,4-Dimethylphenol	7.46	122	295103	37.621	ng	# 95
28) bis(2-Chloroethoxy)methane	7.55	93	368724	34.187	ng	# 100
29) 2,4-Dichlorophenol	7.66	162	265764	39.329	ng	# 97
30) 1,2,4-Trichlorobenzene	7.73	180	246764	38.311	ng	# 98
31) Naphthalene	7.80	128	898552	38.502	ng	# 99
32) Benzoic acid	7.63	122	237016	40.465	ng	# 93
33) 4-Chloroaniline	7.86	127	370296	38.995	ng	# 98
34) Hexachlorobutadiene	7.93	225	128308	37.575	ng	# 98
35) Caprolactam	8.25	113	84418	38.959	ng	# 61
36) 4-Chloro-3-methylphenol	8.36	107	284246	38.556	ng	# 86
37) 2-Methylnaphthalene	8.49	142	570459	38.607	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	230395	39.516	ng	# 99
40) Hexachlorocyclopentadiene	8.65	237	50100	29.140	ng	# 99

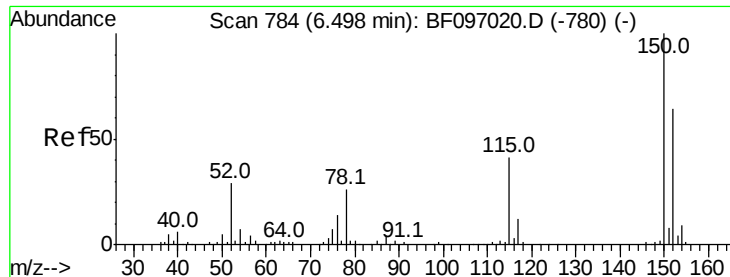
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	162748	38.519	nq	96
43) 2,4,5-Trichlorophenol	8.83	196	168218	39.777	nq	99
45) 1,1'-Biphenyl	8.96	154	721272	38.646	nq	98
46) 2-Chloronaphthalene	8.98	162	535818	39.013	nq	# 92
47) 2-Nitroaniline	9.09	65	187490	37.615	nq	96
48) Acenaphthylene	9.39	152	822259	39.004	nq	100
49) Dimethylphthalate	9.27	163	632029	38.090	nq	98
50) 2,6-Dinitrotoluene	9.33	165	150855	42.865	nq	# 90
51) Acenaphthene	9.56	154	475645	38.304	nq	99
52) 3-Nitroaniline	9.50	138	167945	38.446	nq	93
53) 2,4-Dinitrophenol	9.61	184	66926	41.825	nq	# 74
54) Dibenzofuran	9.73	168	654383	39.564	nq	97
55) 4-Nitrophenol	9.68	139	112585	43.339	nq	# 60
56) 2,4-Dinitrotoluene	9.73	165	163908	40.514	nq	# 51
57) Fluorene	10.07	166	507034	40.787	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	116967	40.058	nq	# 96
59) Diethylphthalate	9.97	149	589382	38.716	nq	100
60) 4-Chlorophenyl-phenylether	10.07	204	205999	40.129	nq	93
61) 4-Nitroaniline	10.11	138	167223	40.288	nq	92
62) Azobenzene	10.23	77	540116	38.245	nq	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	97610	42.696	nq	90
65) n-Nitrosodiphenylamine	10.20	169	480316	37.521	nq	100
66) 4-Bromophenyl-phenylether	10.56	248	146788	39.979	nq	94
67) Hexachlorobenzene	10.63	284	165467	40.188	nq	# 91
68) Atrazine	10.73	200	141226	38.473	nq	94
69) Pentachlorophenol	10.82	266	66780	39.200	nq	99
70) Phenanthrene	11.03	178	737842	37.429	nq	99
71) Anthracene	11.08	178	771769	38.225	nq	99
72) Carbazole	11.24	167	791471	39.859	nq	99
73) Di-n-butylphthalate	11.58	149	934613	38.077	nq	99
74) Fluoranthene	12.21	202	737928	38.211	nq	98
76) Benzidine	12.33	184	320615	36.511	nq	# 93
77) Pyrene	12.43	202	760813	39.268	nq	99
79) Butylbenzylphthalate	13.07	149	392103	39.785	nq	# 84
80) Benzo(a)anthracene	13.62	228	591873	38.651	nq	98
81) 3,3'-Dichlorobenzidine	13.59	252	227084	39.324	nq	# 96
82) Chrysene	13.66	228	559079	37.389	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	461773	35.885	nq	99
84) Di-n-octyl phthalate	14.24	149	867226	36.724	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.21	276	442984	34.549	nq	99
87) Benzo(b)fluoranthene	14.62	252	604406	43.576	nq	98
88) Benzo(k)fluoranthene	14.64	252	492645	37.273	nq	96
89) Benzo(a)pyrene	14.93	252	502587	39.591	nq	99
90) Dibenzo(a,h)anthracene	16.22	278	362574	34.829	nq	98
91) Benzo(g,h,i)perylene	16.57	276	367176	33.634	nq	98

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

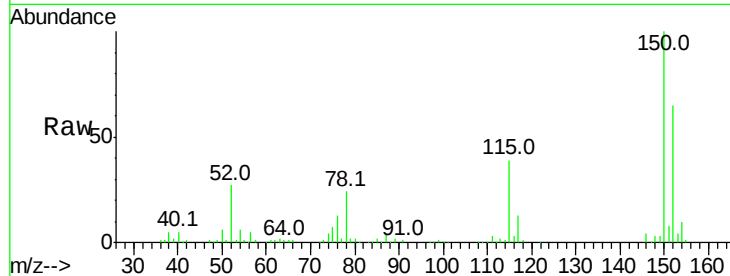


#1

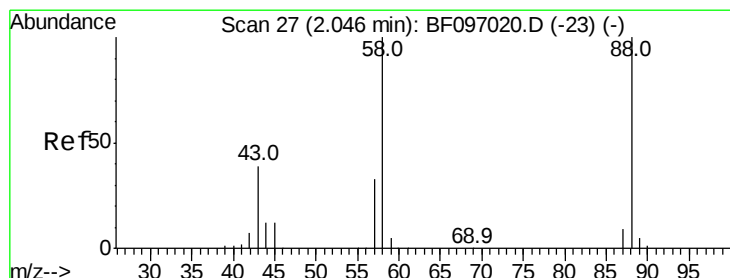
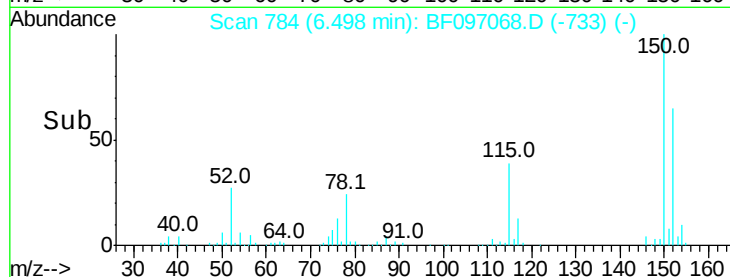
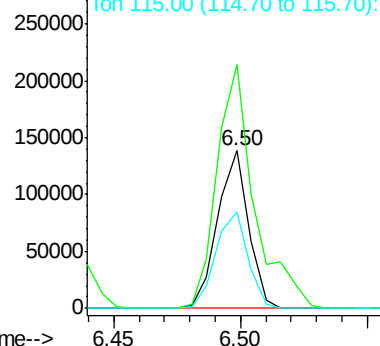
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117894
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 61.0 52.2 78.2



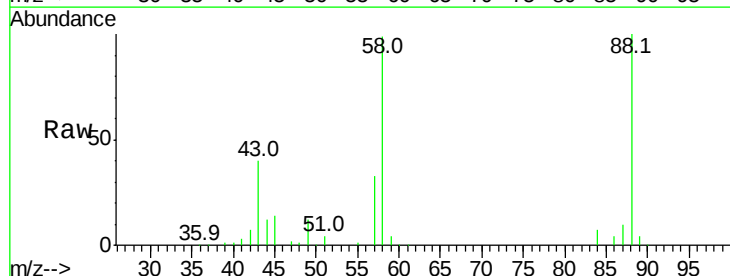
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



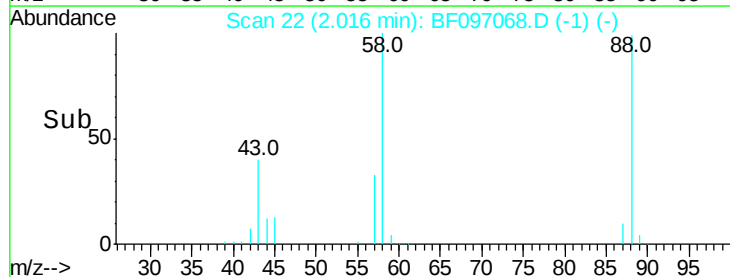
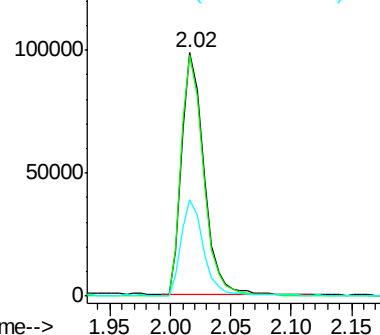
#2

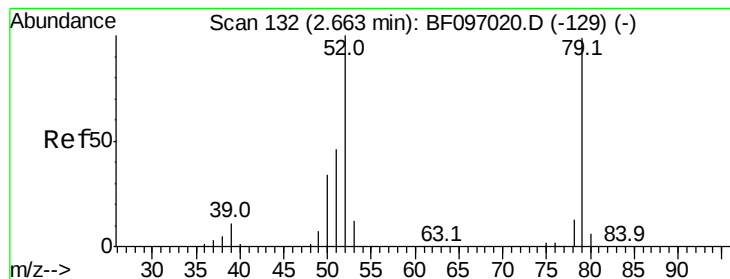
1,4-Dioxane
Concen: 38.521 ng
RT: 2.02 min Scan# 22
Delta R.T. -0.03 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion: 88 Resp: 125717
Ion Ratio Lower Upper
88 100
58 100.0 61.4 92.0#
43 40.2 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: 39.532 ng

RT: 2.63 min Scan# 127

Delta R.T. -0.03 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampled :

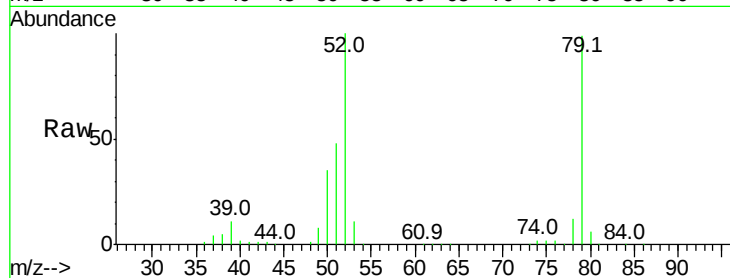
Tot Ion: 79 Resp: 395066

Ion Ratio Lower Upper

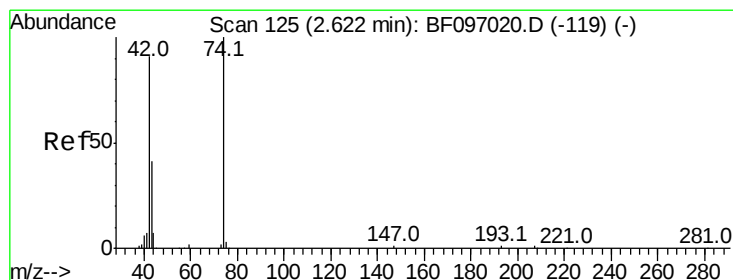
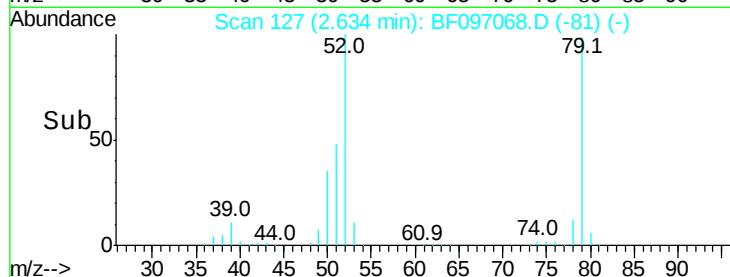
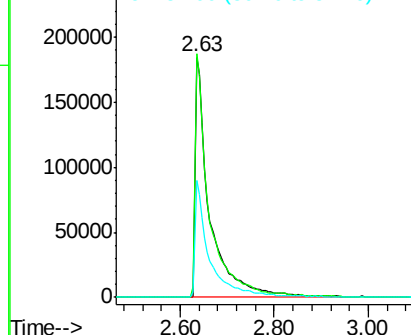
79 100

52 101.3 54.8 82.2#

51 48.7 27.0 40.4#



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



#4

n-Nitrosodimethylamine

Concen: 39.854 ng

RT: 2.60 min Scan# 121

Delta R.T. -0.02 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

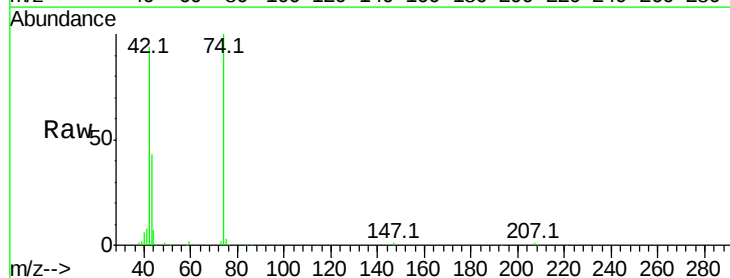
Tgt Ion: 42 Resp: 220647

Ion Ratio Lower Upper

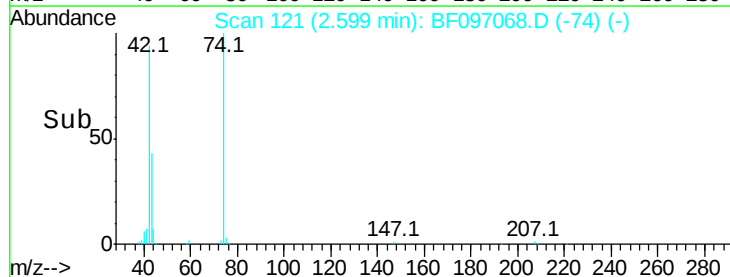
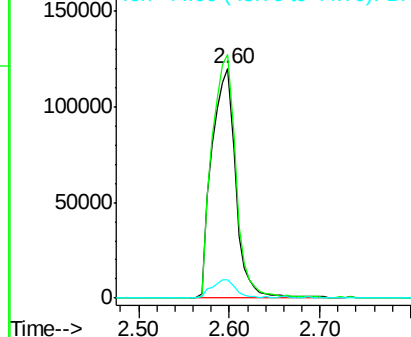
42 100

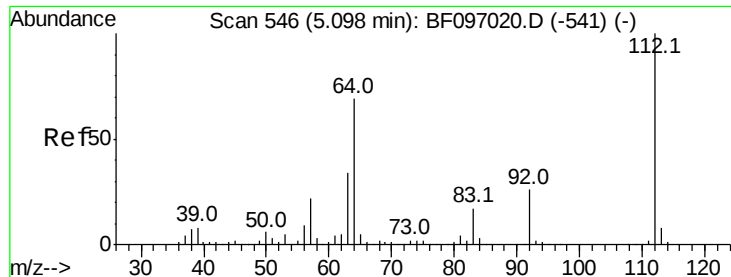
74 106.2 103.9 155.9

44 7.8 5.7 8.5



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





#5

2-Fluorophenol

Concen: 77.636 ng

RT: 5.09 min Scan# 545

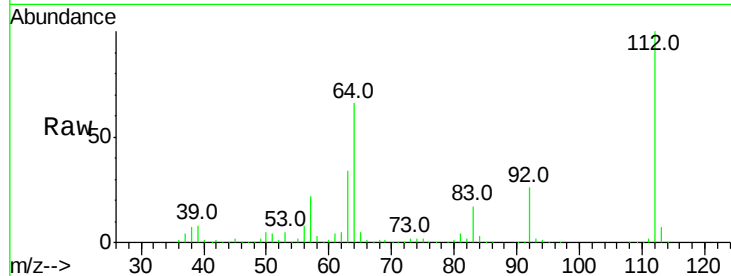
Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampled :

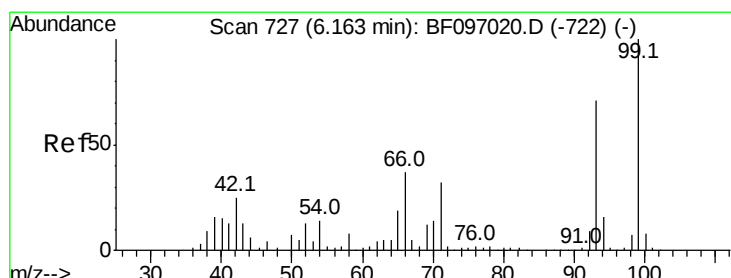
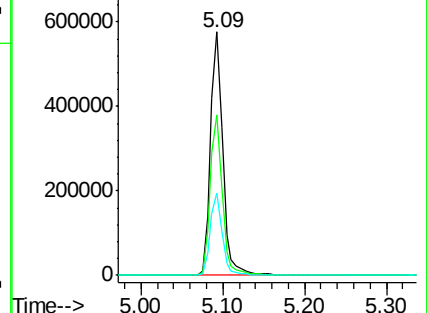
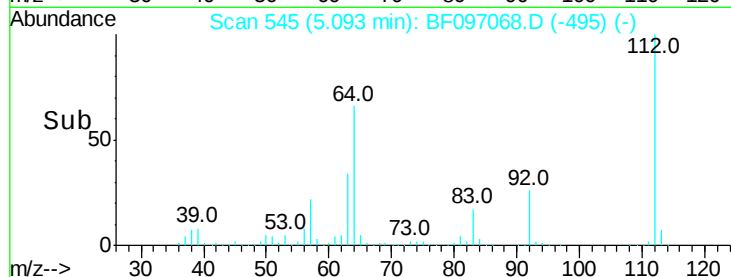
Tot Ion:	112	Resp:	607159
Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	33.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.306 ng

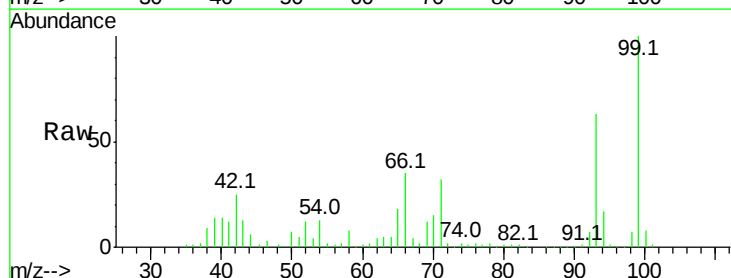
RT: 6.16 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

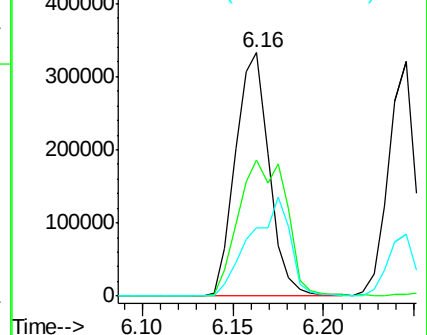
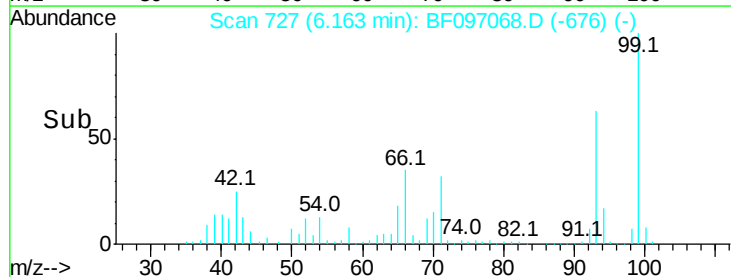
Tgt Ion:	93	Resp:	430365
Ion	Ratio	Lower	Upper
93	100		
66	55.8	32.9	49.3#
65	28.1	16.0	24.0#

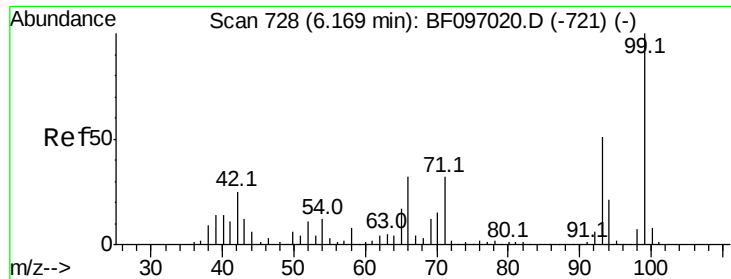


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.295 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

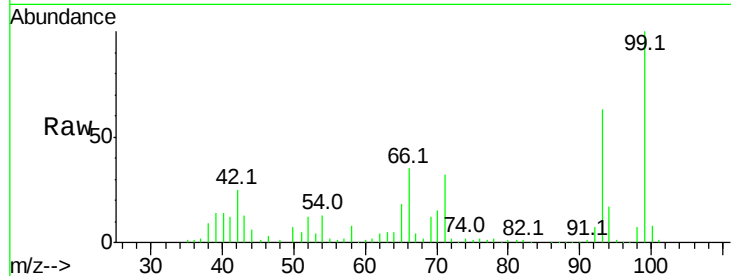
Tot Ion: 99 Resp: 681168

Ion Ratio Lower Upper

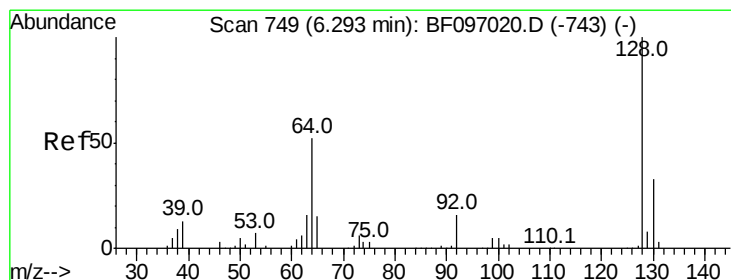
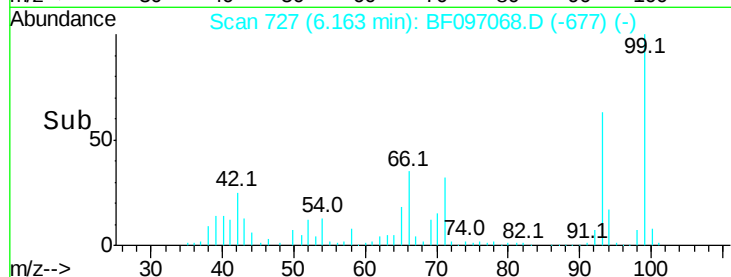
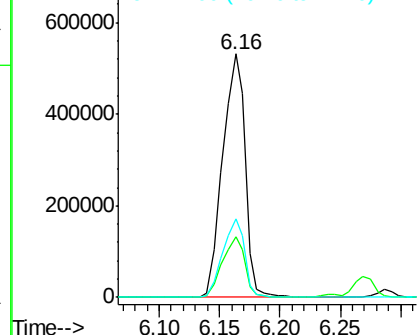
99 100

42 25.0 13.5 20.3#

71 32.3 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: 38.996 ng

RT: 6.29 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

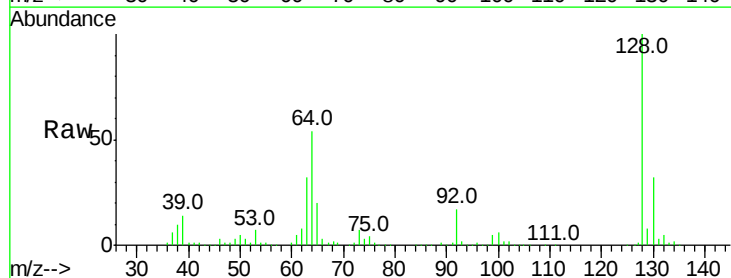
Tgt Ion: 128 Resp: 326098

Ion Ratio Lower Upper

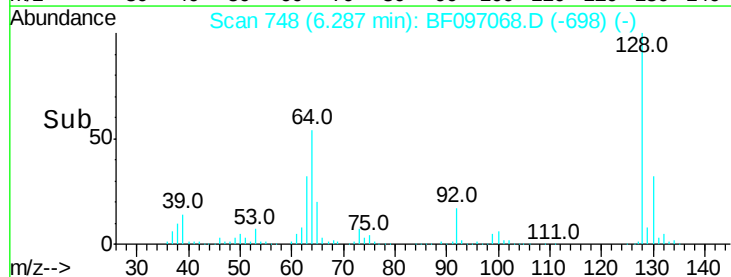
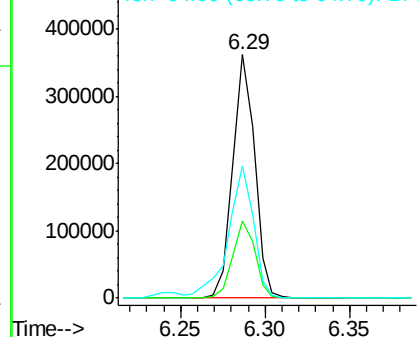
128 100

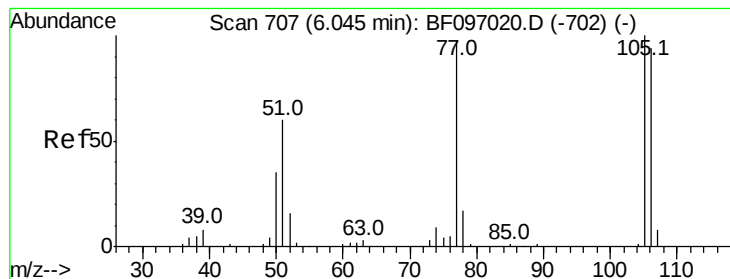
130 31.6 12.9 52.9

64 54.4 28.4 68.4



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





#9

Benzaldehyde

Concen: 32.916 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

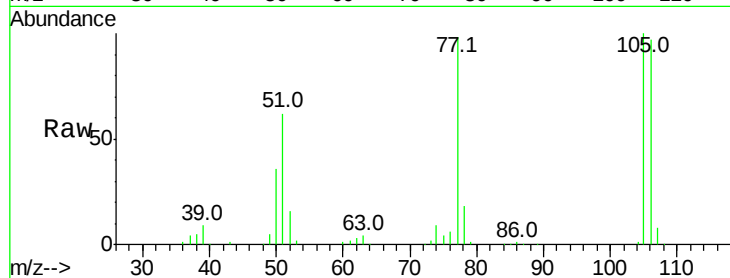
Tot Ion: 77 Resp: 173950

Ion Ratio Lower Upper

77 100

105 101.7 83.8 123.8

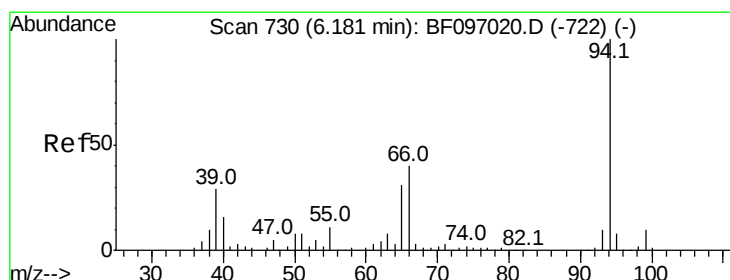
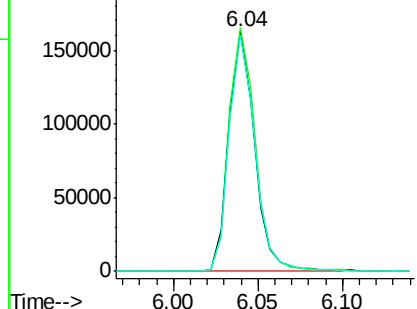
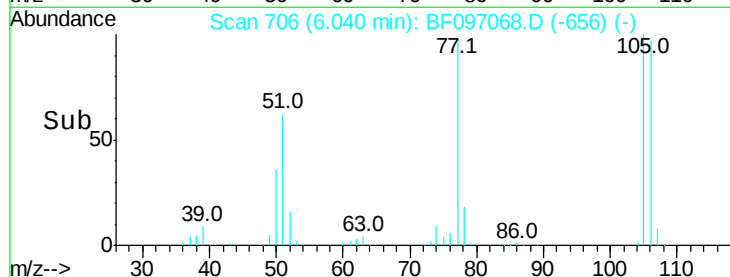
106 98.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.568 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

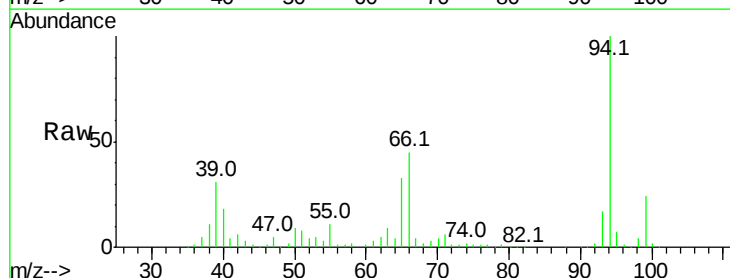
Tgt Ion: 94 Resp: 408437

Ion Ratio Lower Upper

94 100

65 33.2 9.9 49.9

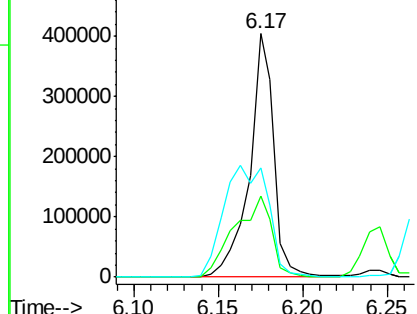
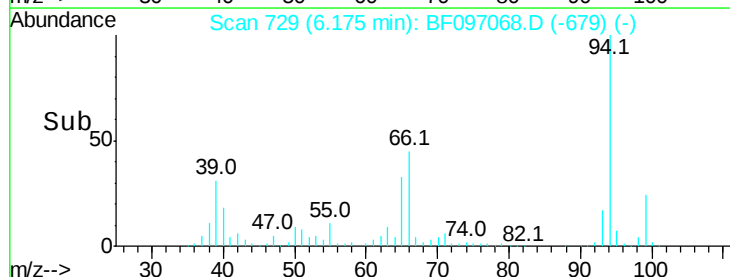
66 44.7 23.1 63.1

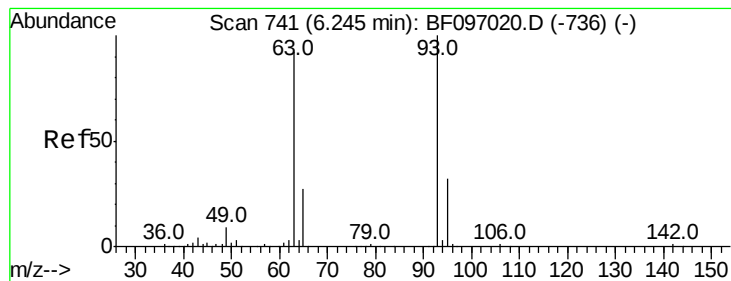


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.762 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

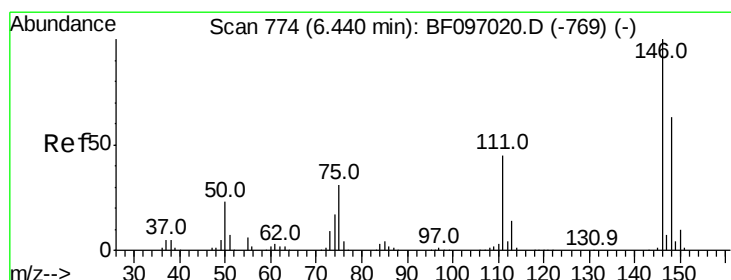
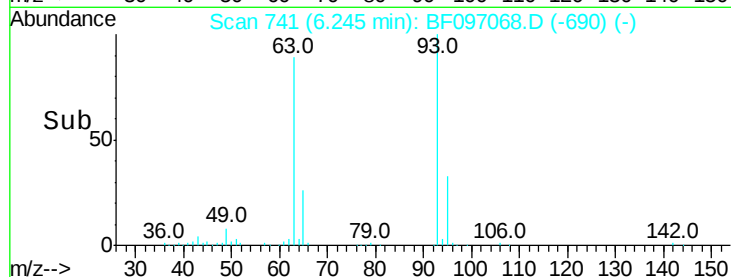
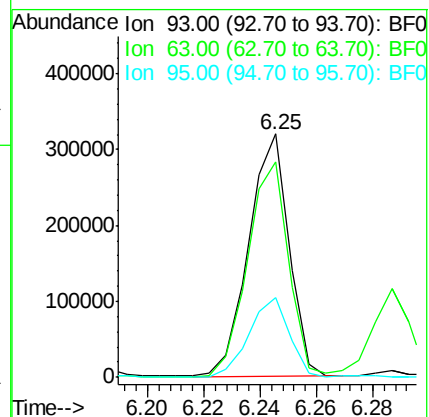
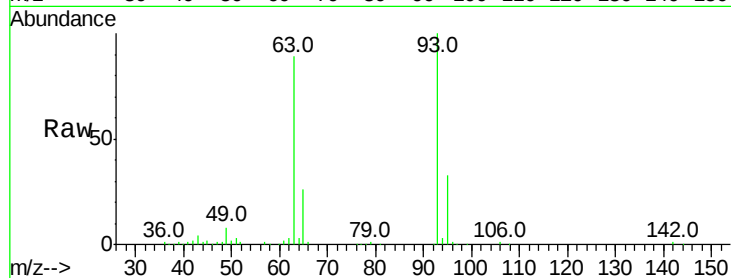
Tot Ion: 93 Resp: 316287

Ion Ratio Lower Upper

93 100

63 88.5 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.728 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

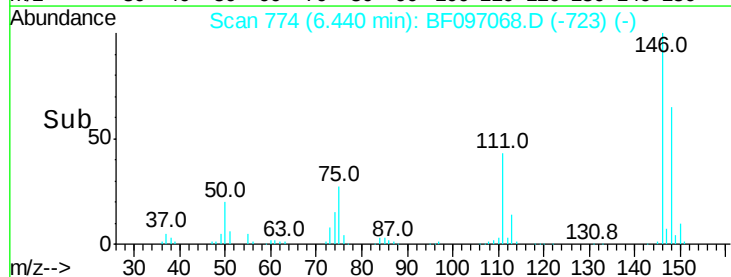
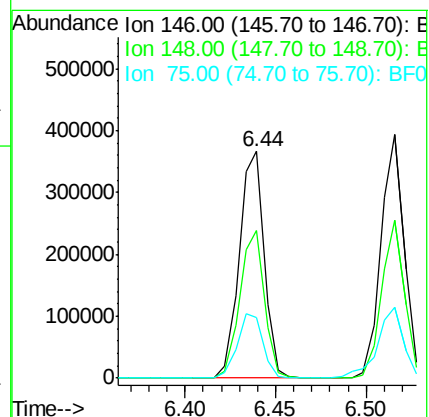
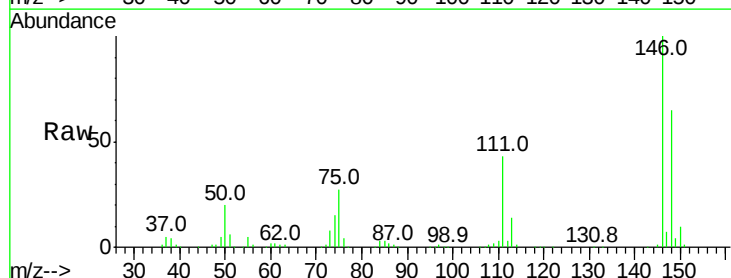
Tgt Ion: 146 Resp: 349015

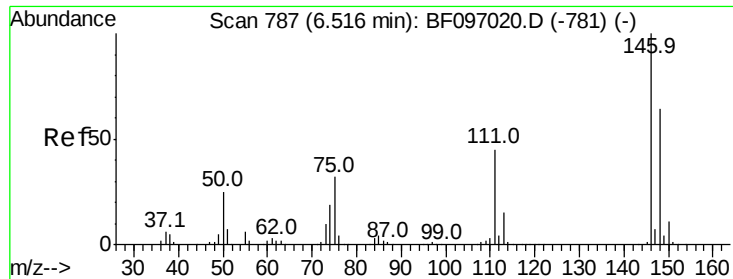
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

75 26.7 23.1 34.7

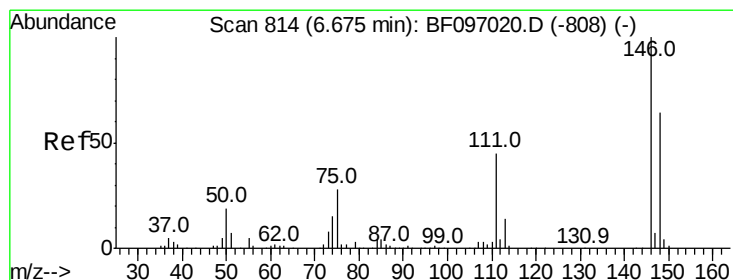
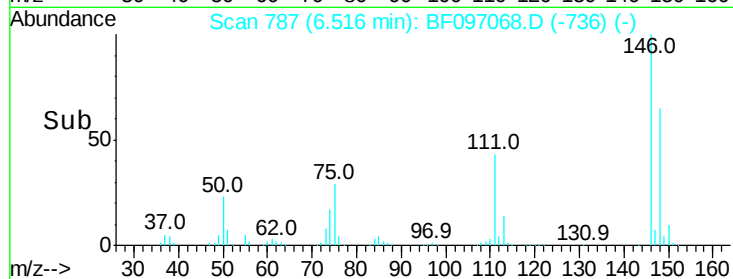
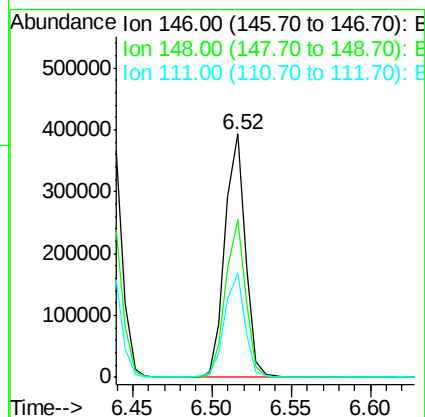
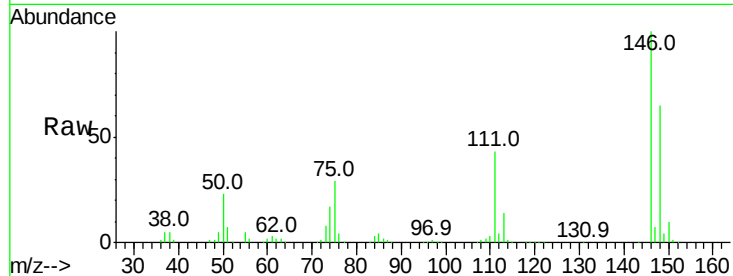




#13
 1,4-Dichlorobenzene
 Concen: 39.267 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

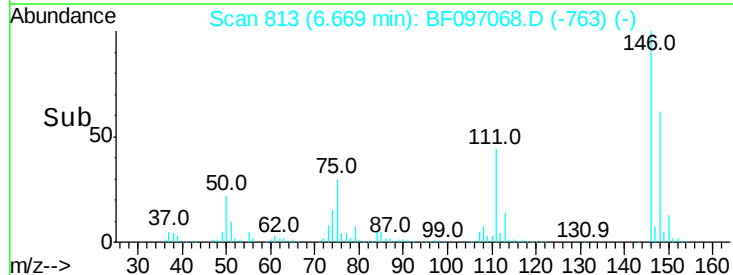
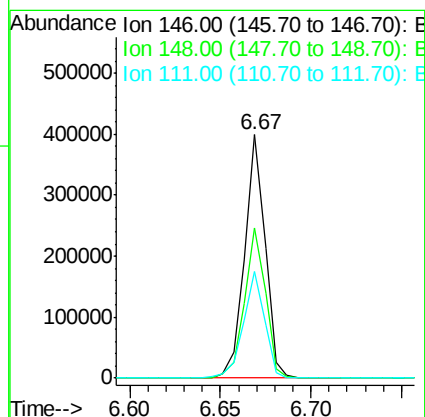
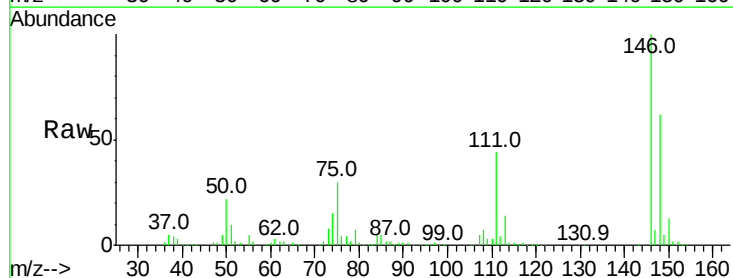
Instrument :
 BNA_F
 ClientSampled :

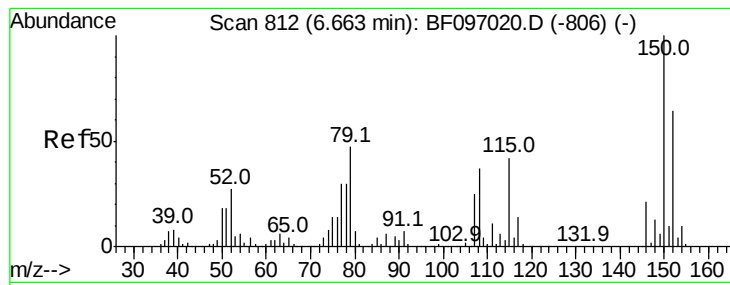
Tot Ion:146 Resp: 350687
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.2
 111 42.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.306 ng
 RT: 6.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion:146 Resp: 314307
 Ion Ratio Lower Upper
 146 100
 148 61.8 50.4 75.6
 111 43.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 39.303 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

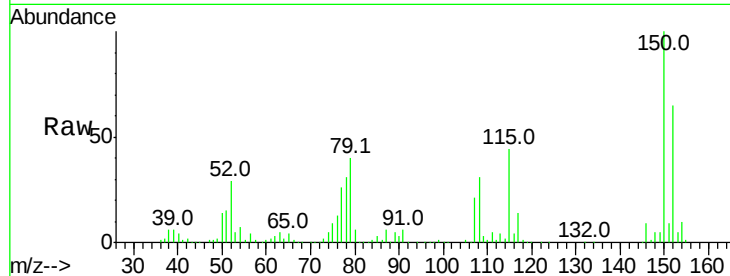
Tot Ion: 79 Resp: 222162

Ion Ratio Lower Upper

79 100

108 76.7 63.4 95.0

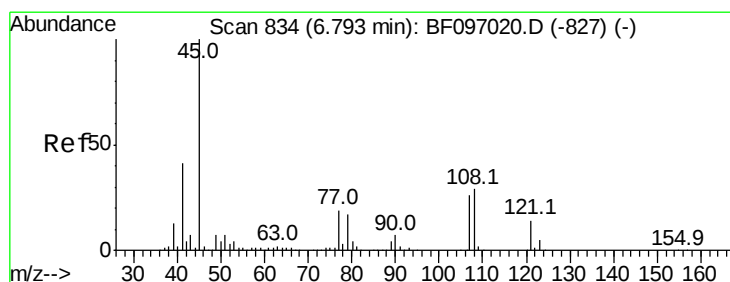
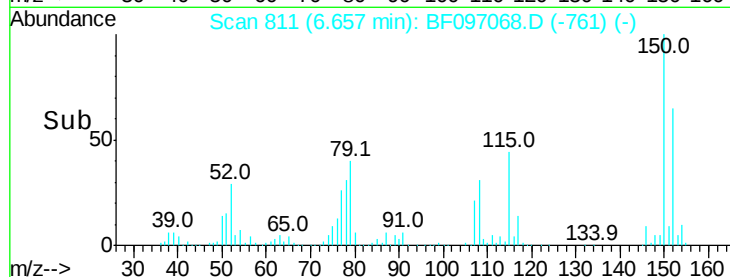
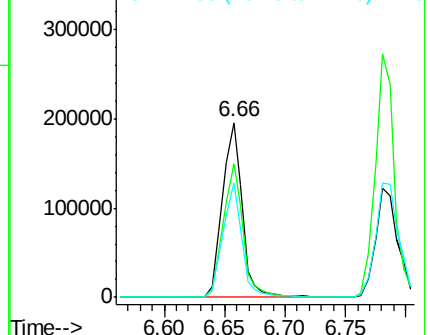
77 65.2 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.023 ng

RT: 6.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

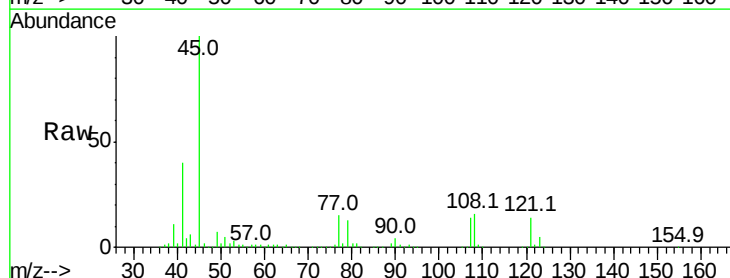
Tgt Ion: 45 Resp: 672369

Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.2

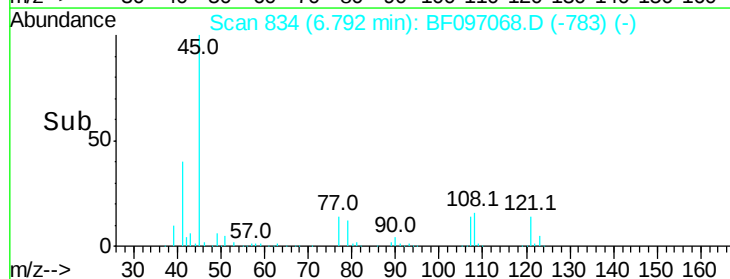
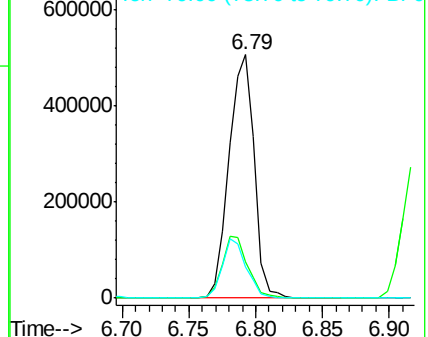
79 13.0 0.0 30.0

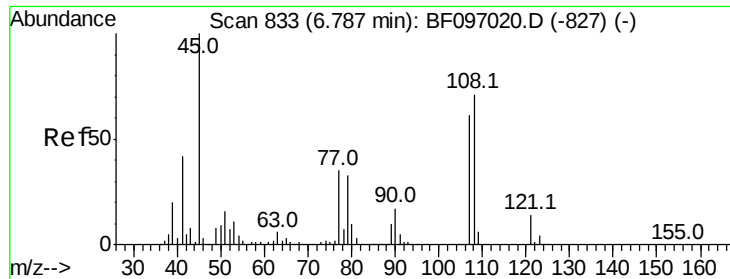


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

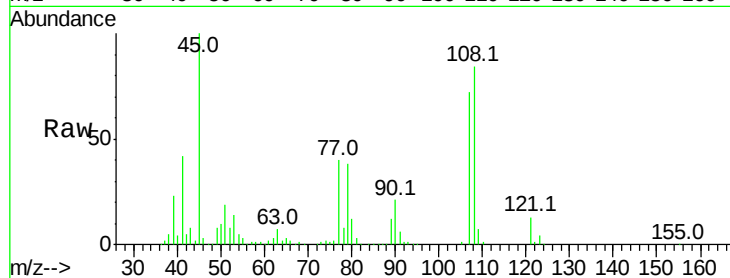




#17
2-Methylphenol
Concen: 40.113 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	55.1	35.8	53.6#
79	52.3	34.8	52.2#



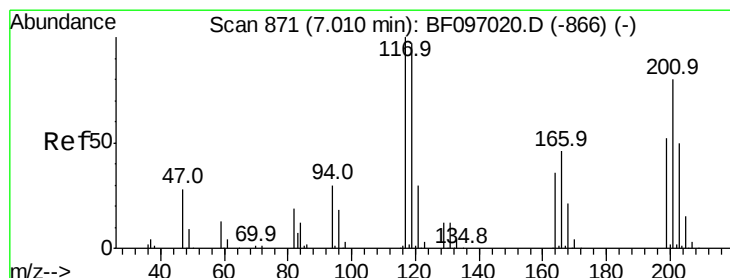
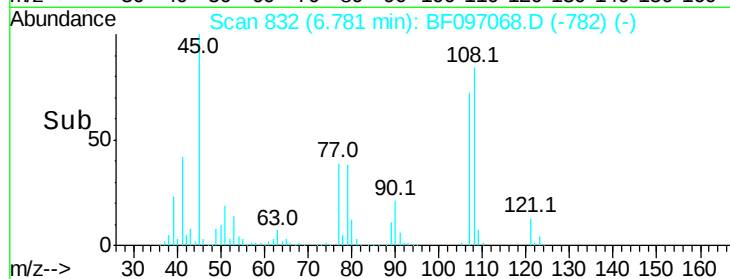
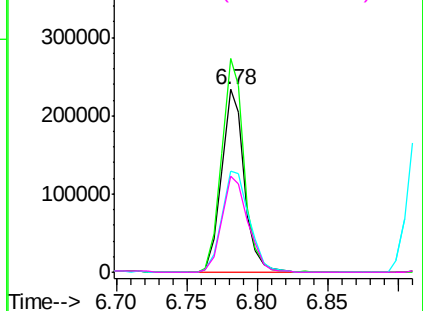
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

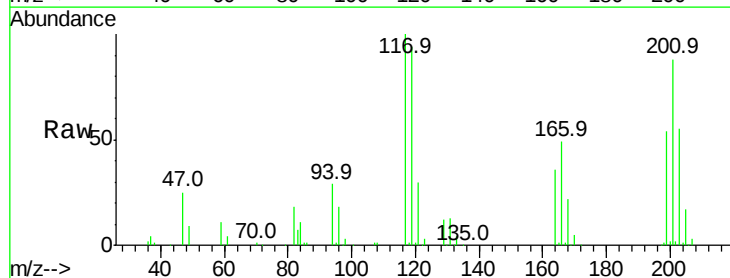
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.401 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.0
201	87.6	94.6	141.8#

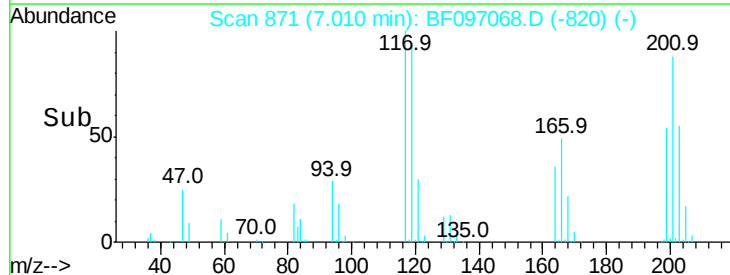
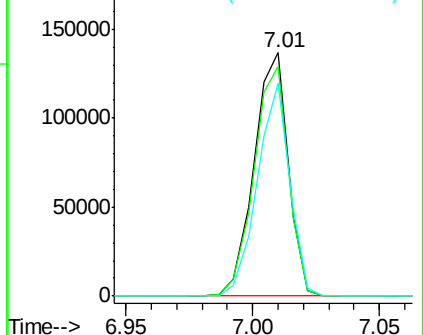


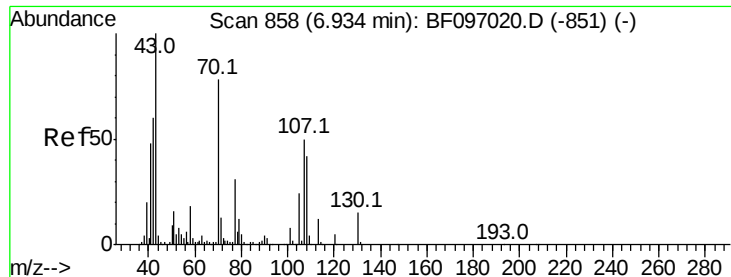
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

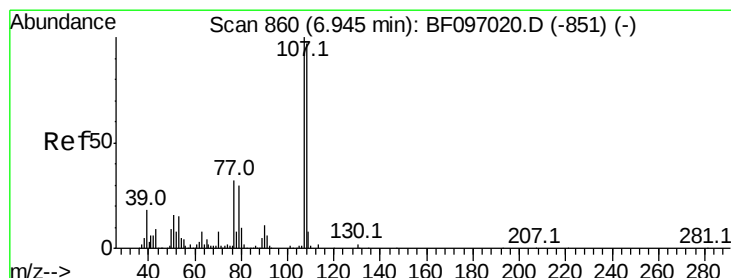
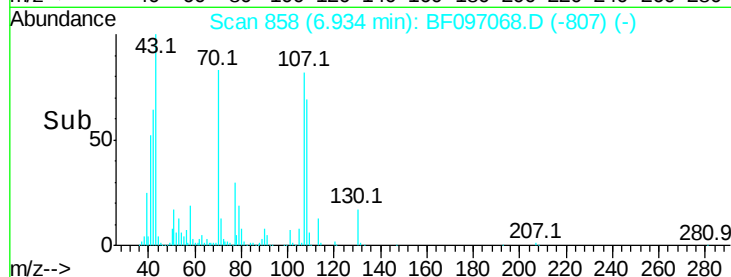
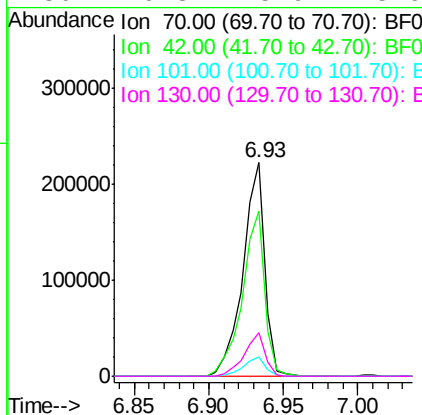
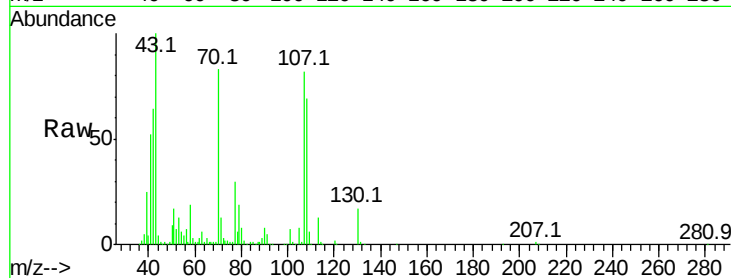




#19
n-Nitroso-di-n-propylamine
Concen: 38.337 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

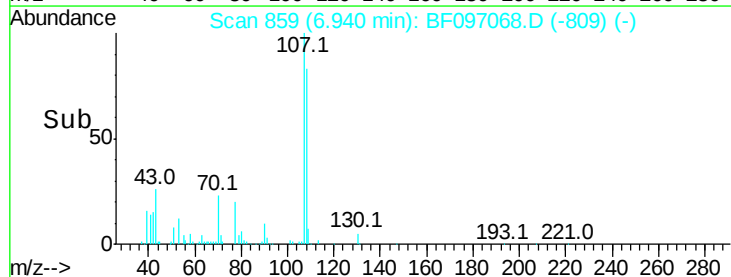
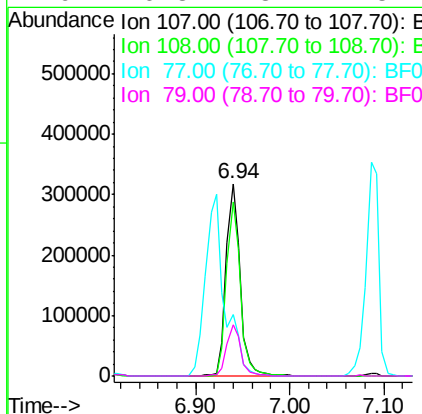
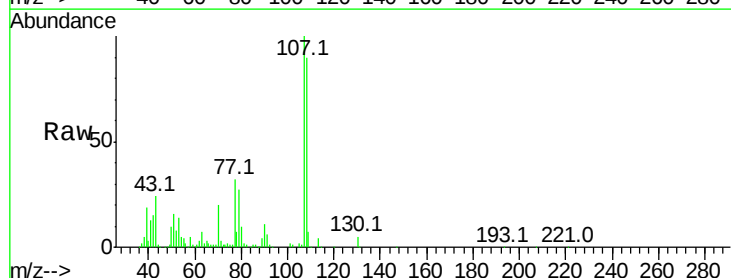
Instrument :
BNA_F
ClientSampleId :

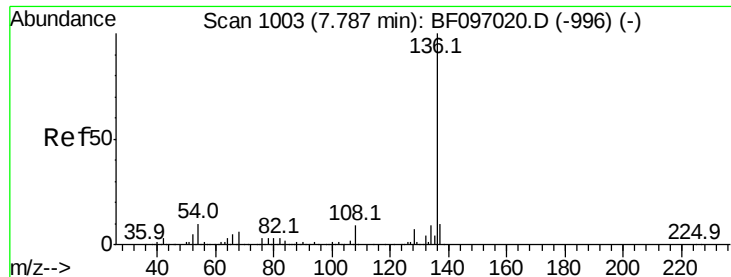
Tot Ion	Ratio	Lower	Upper
70	100		
42	77.6	47.2	70.8#
101	8.8	7.2	10.8
130	20.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.411 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.0	111.0
77	32.2	90.5	130.5#
79	26.8	8.4	48.4

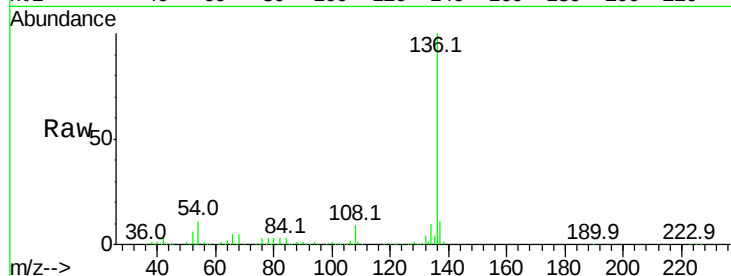




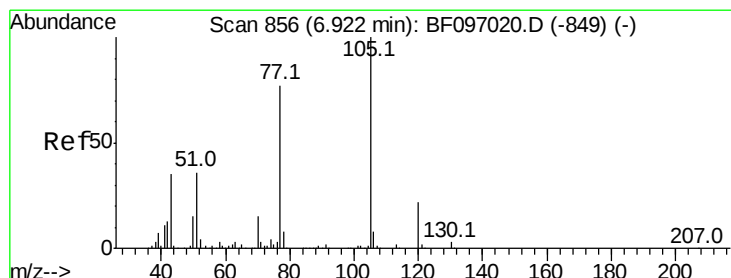
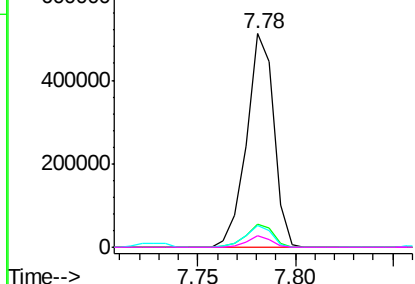
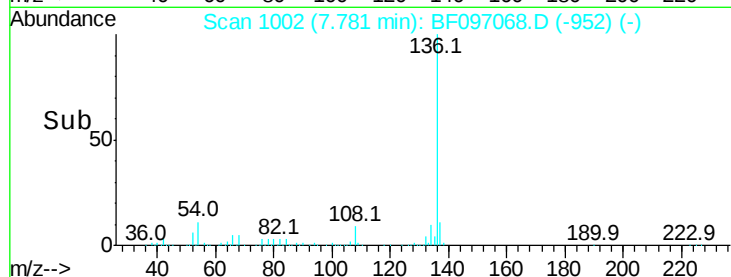
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	495082
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	10.5	4.9 7.3#
68	5.2	4.1 6.1

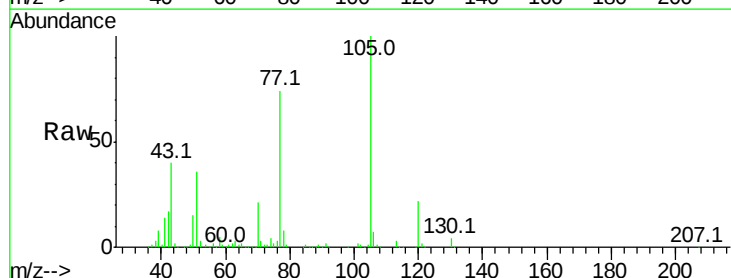


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

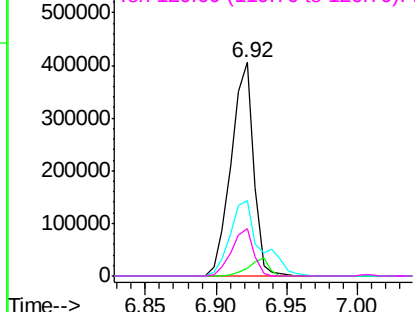
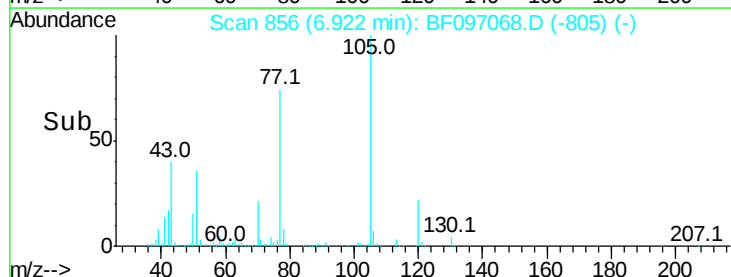


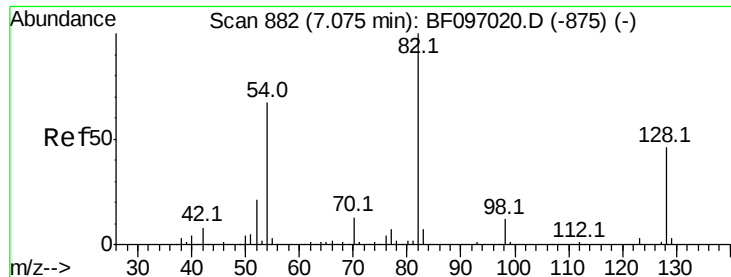
#22
Acetophenone
Concen: 37.669 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:105	Resp:	447856
Ion Ratio	Lower	Upper
105	100	
71	3.5	2.8 4.2
51	35.5	30.7 46.1
120	22.1	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

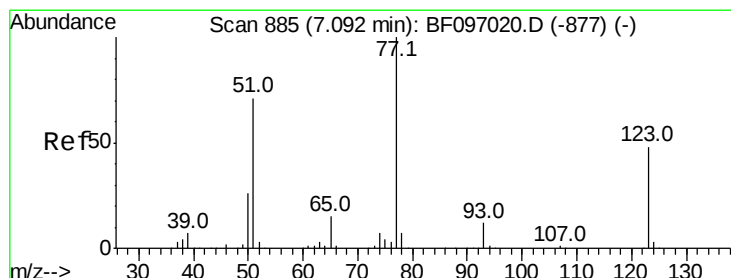
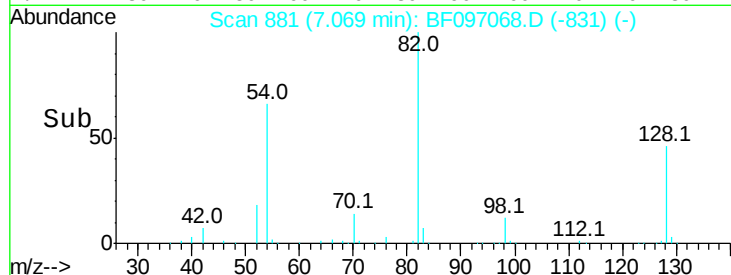
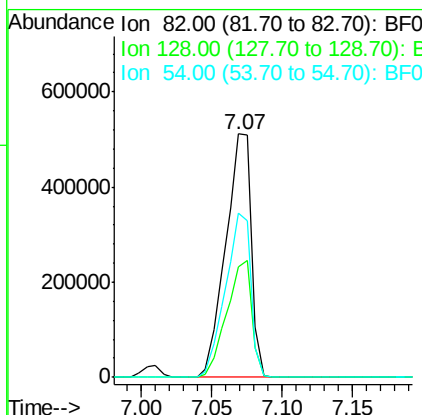
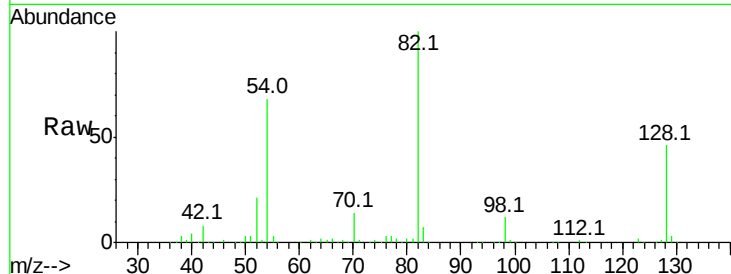




#23
 Nitrobenzene-d5
 Concen: 76.627 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

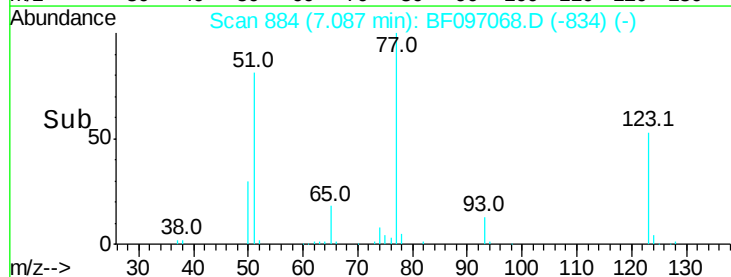
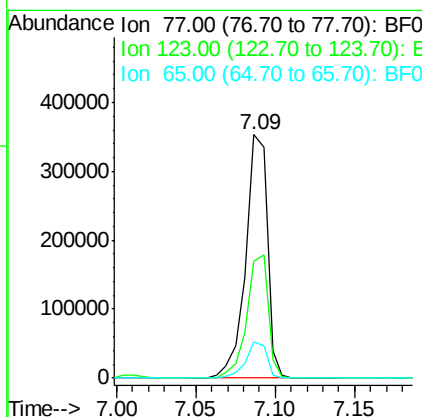
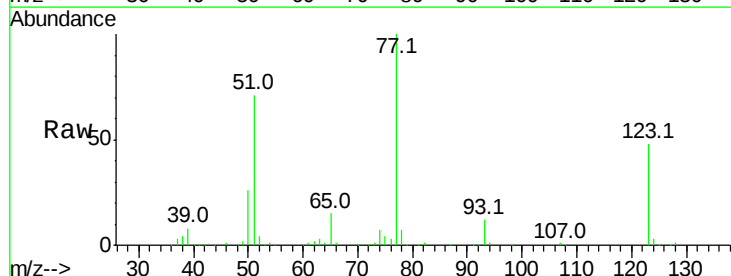
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 646677
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 67.6 42.2 63.2#



#24
 Nitrobenzene
 Concen: 38.185 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion: 77 Resp: 335618
 Ion Ratio Lower Upper
 77 100
 123 47.9 35.8 53.8
 65 15.1 10.6 15.8





#25

Isophorone

Concen: 36.058 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

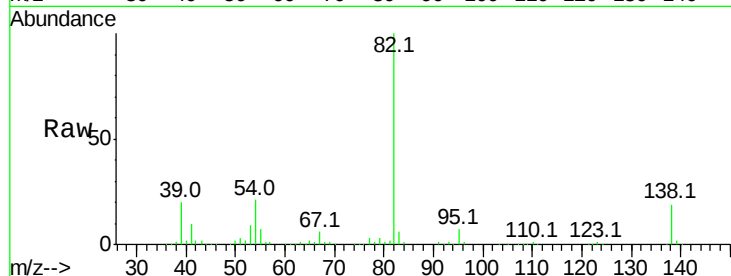
Tot Ion: 82 Resp: 595942

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

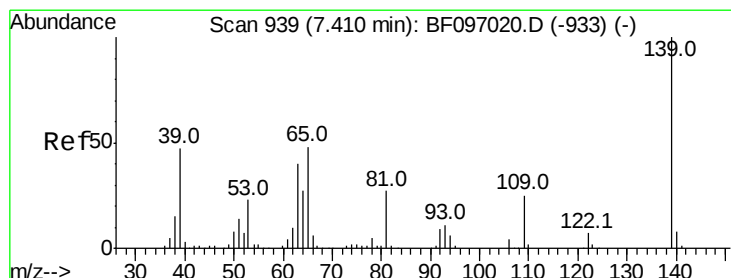
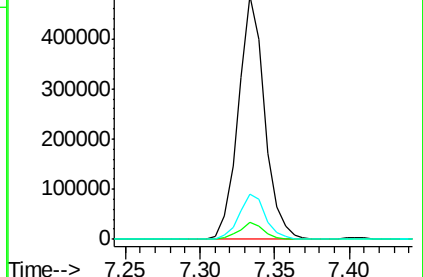
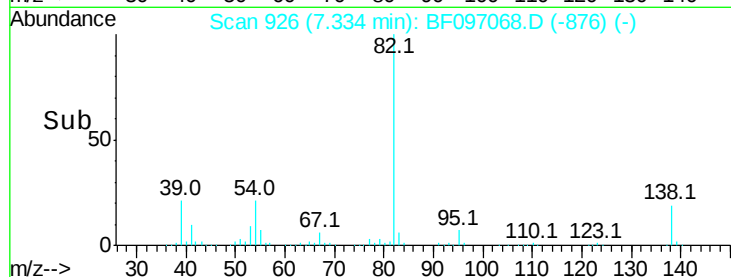
138 18.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.905 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

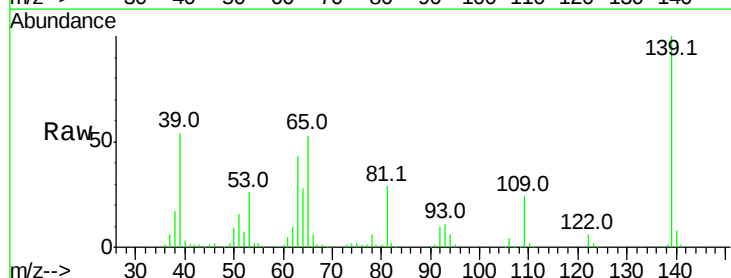
Tgt Ion: 139 Resp: 185001

Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

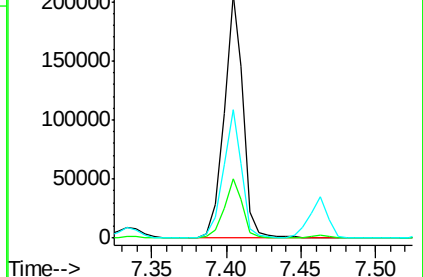
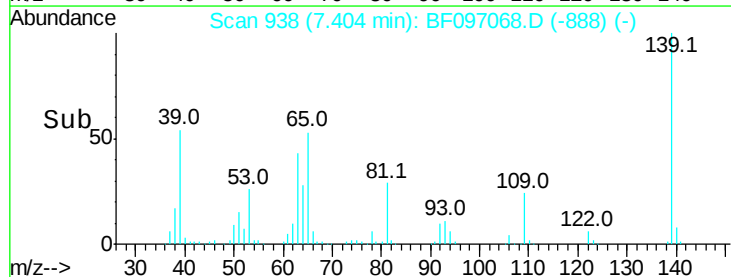
65 52.6 33.0 49.6#

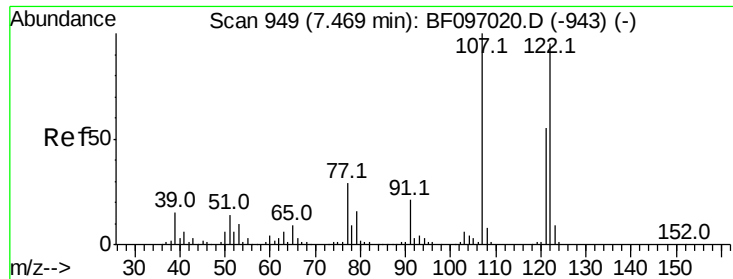


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

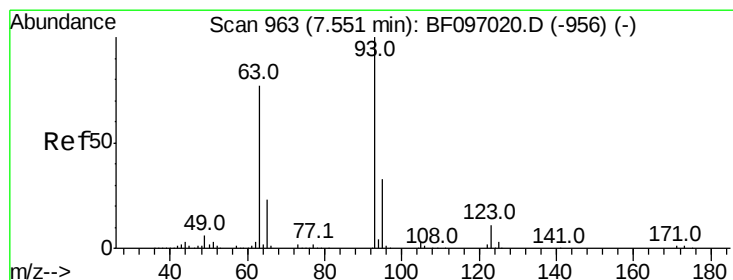
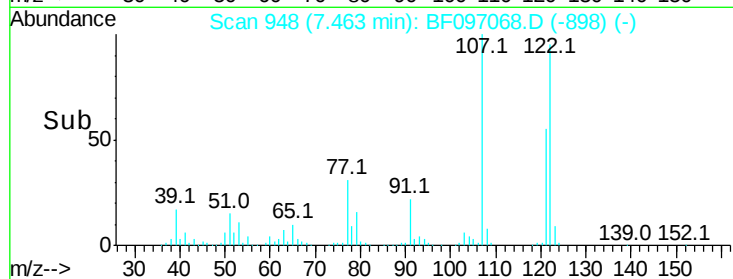
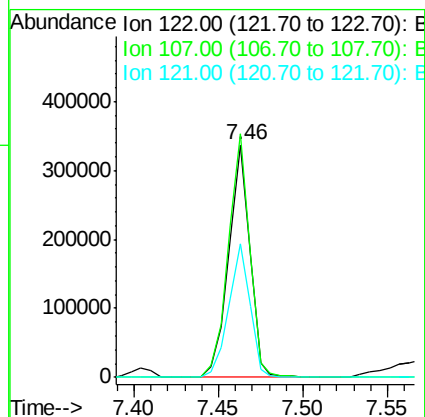
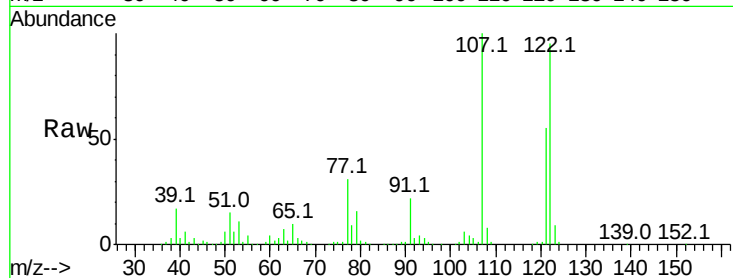




#27
 2,4-Dimethylphenol
 Concen: 37.621 ng
 RT: 7.46 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

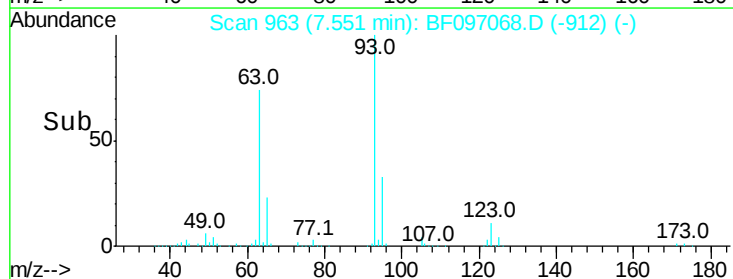
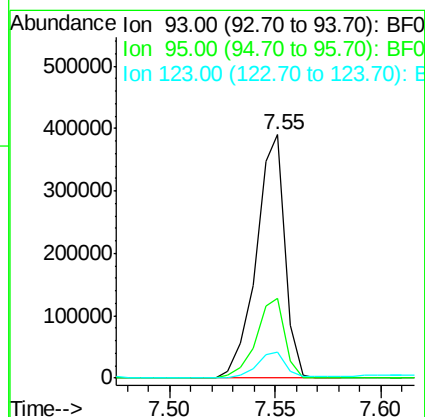
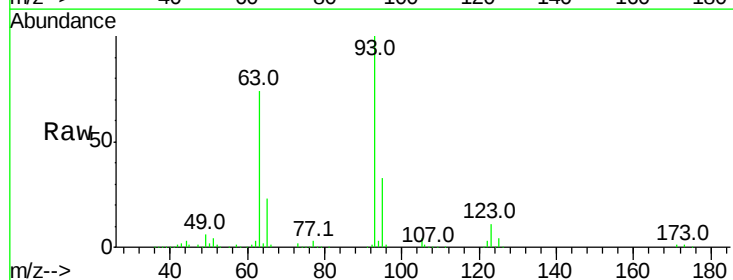
Instrument :
 BNA_F
 ClientSampleId :

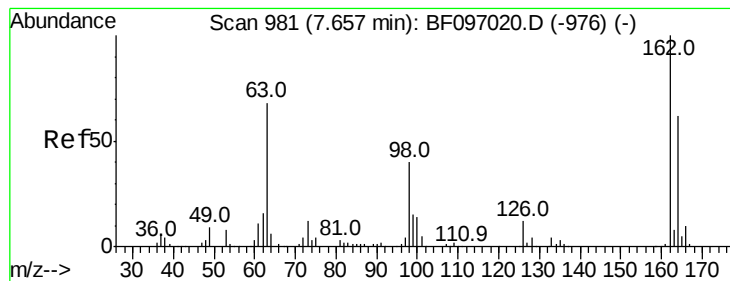
Tot Ion:122 Resp: 295103
 Ion Ratio Lower Upper
 122 100
 107 104.8 89.2 133.8
 121 57.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.187 ng
 RT: 7.55 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion: 93 Resp: 368724
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.329 ng

RT: 7.66 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

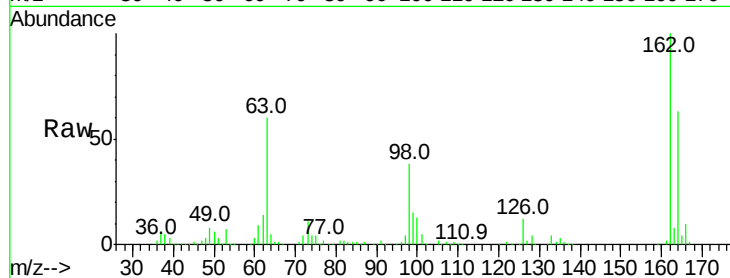
Tot Ion:162 Resp: 265764

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

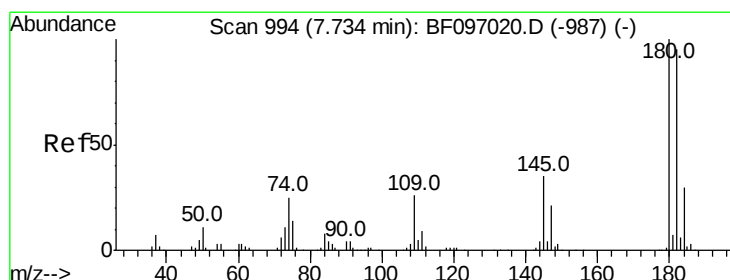
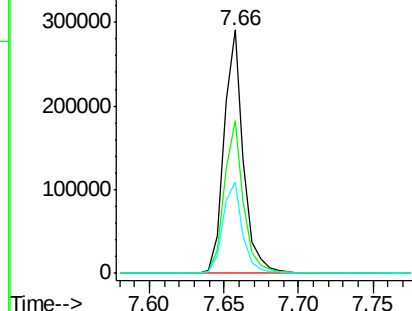
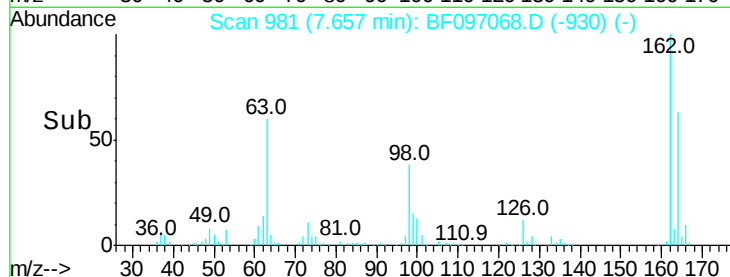
98 37.7 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.311 ng

RT: 7.73 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

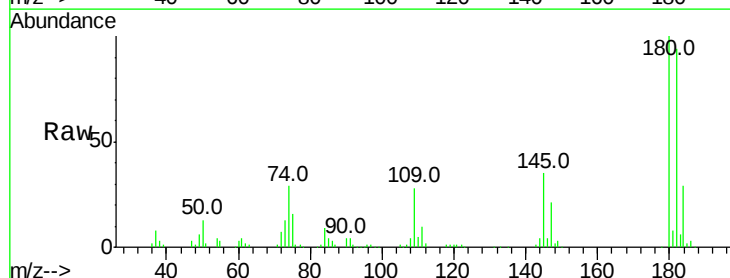
Tgt Ion:180 Resp: 246764

Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.6

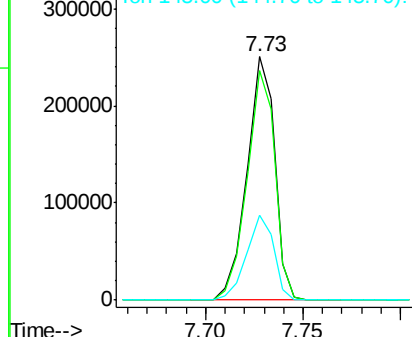
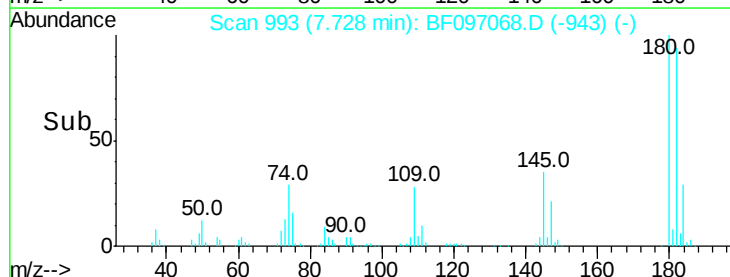
145 35.0 25.3 37.9

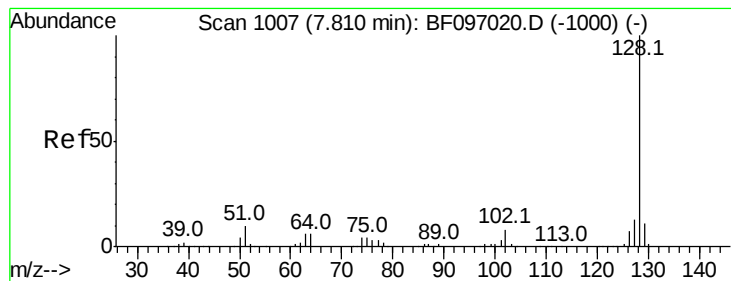


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.502 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

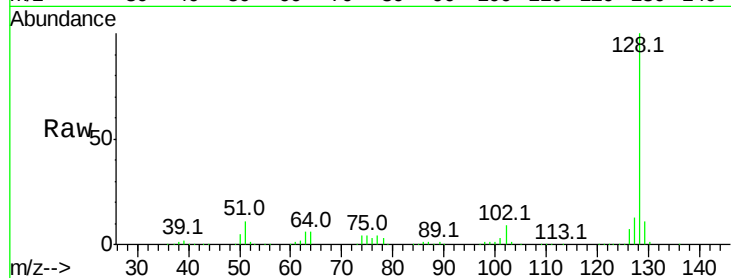
Tot Ion:128 Resp: 898552

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

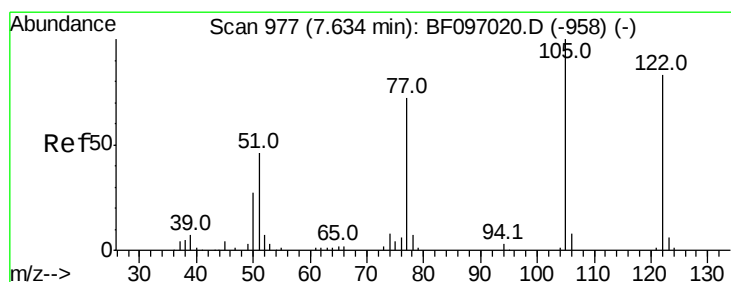
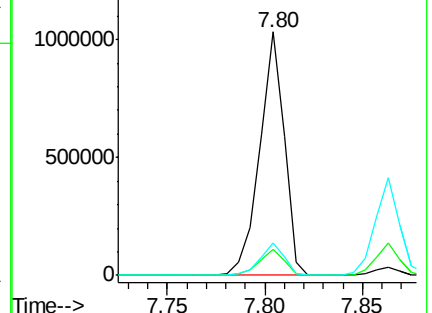
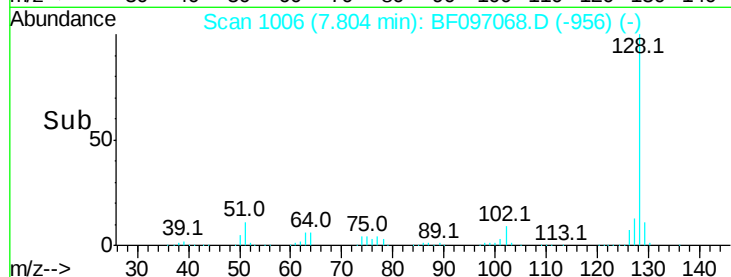
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.465 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

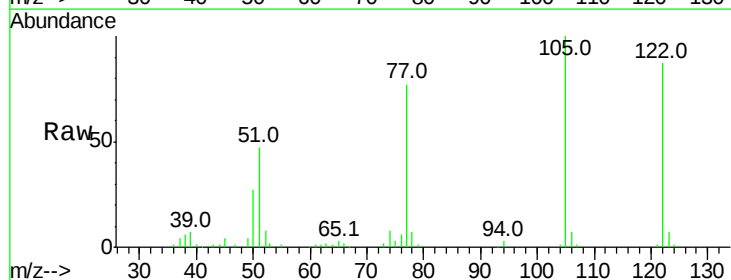
Tgt Ion:122 Resp: 237016

Ion Ratio Lower Upper

122 100

105 114.3 103.3 143.3

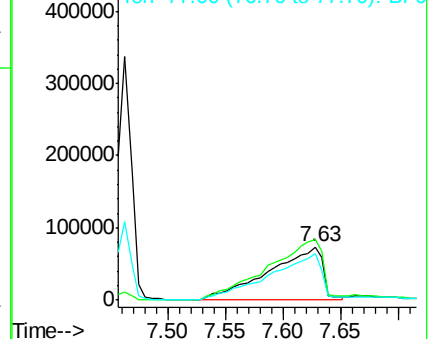
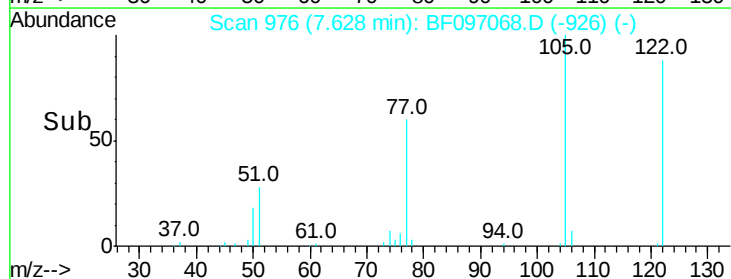
77 87.8 73.7 113.7

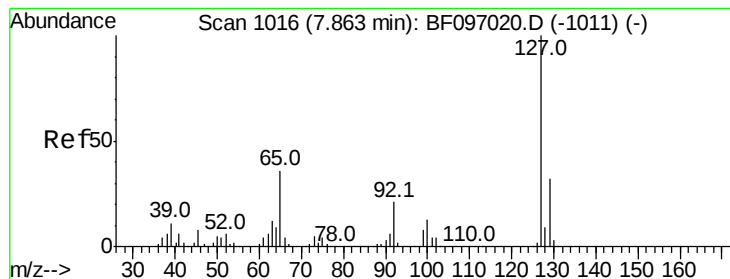


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

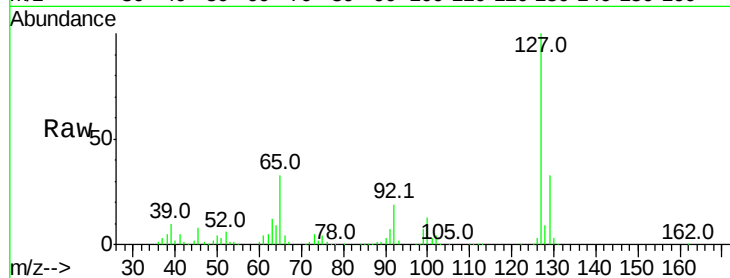




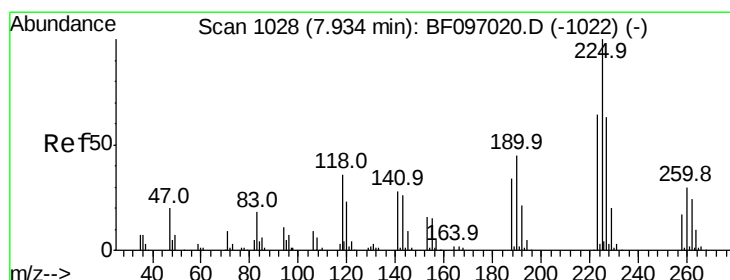
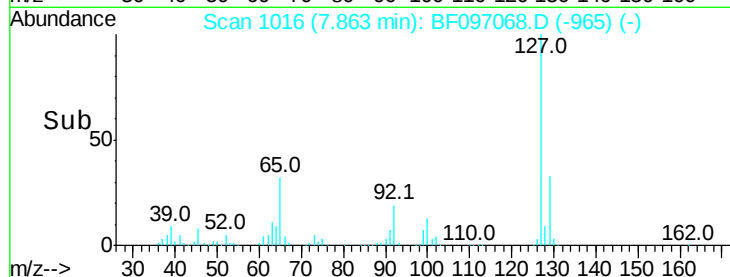
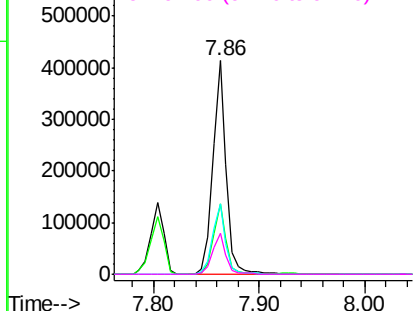
#33
4-Chloroaniline
Concen: 38.995 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	370296
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	32.8	27.8	41.8
92	19.4	16.8	25.2

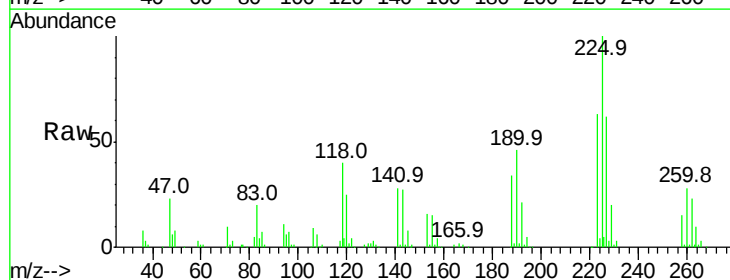


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

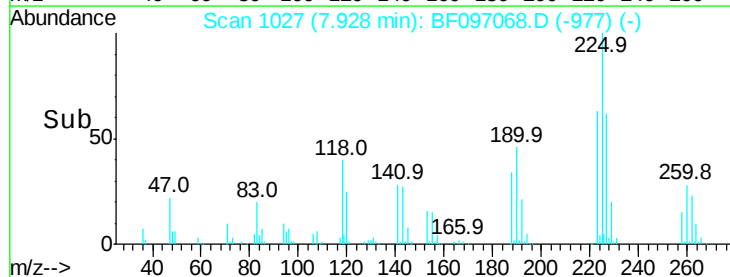
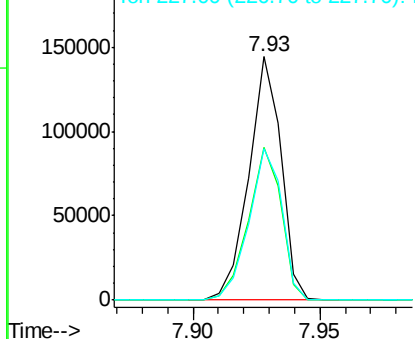


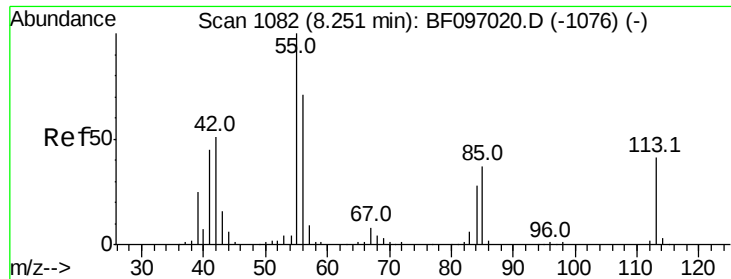
#34
Hexachlorobutadiene
Concen: 37.575 ng
RT: 7.93 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:	225	Resp:	128308
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	62.4	51.1	76.7



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

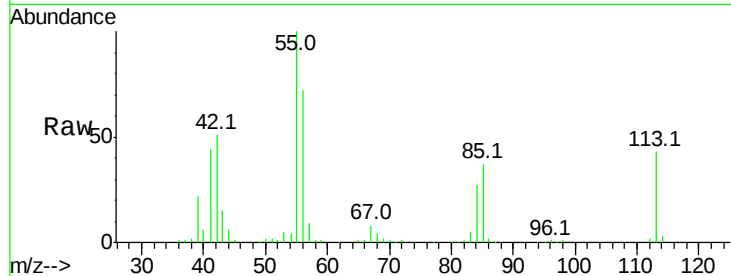




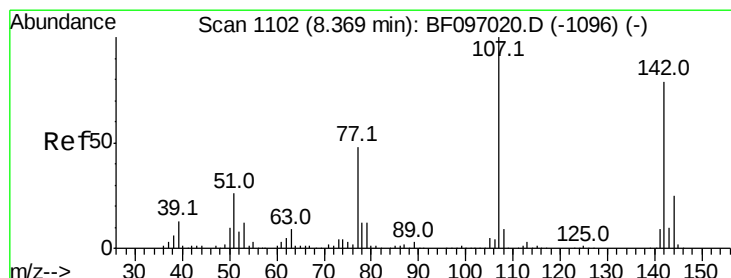
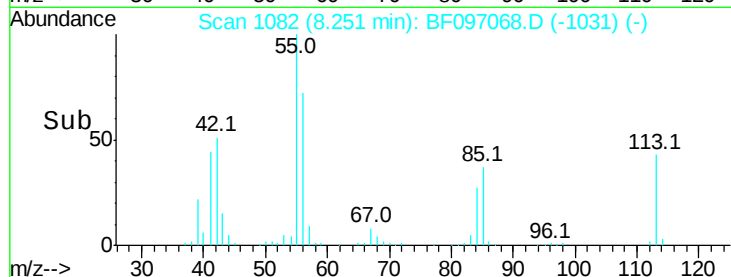
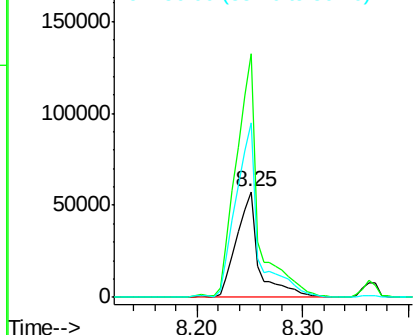
#35
 Caprolactam
 Concen: 38.959 ng
 RT: 8.25 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 84418
 Ion Ratio Lower Upper
 113 100
 55 231.1 150.2 190.2#
 56 165.5 107.8 147.8#

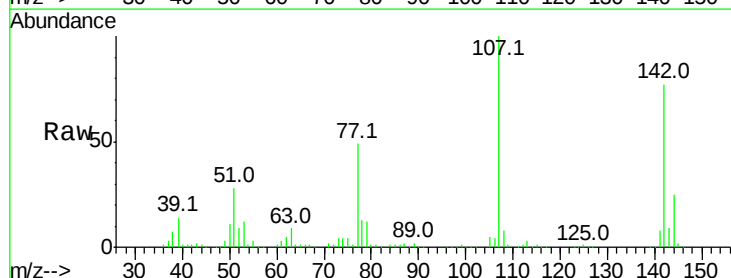


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

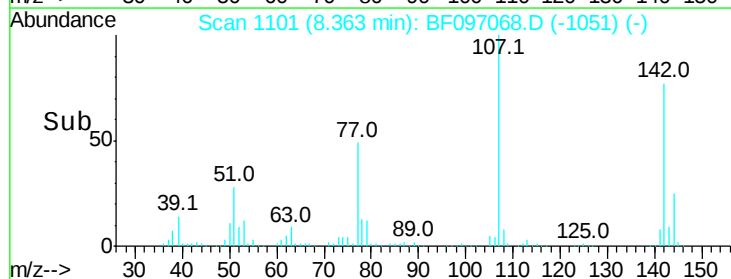
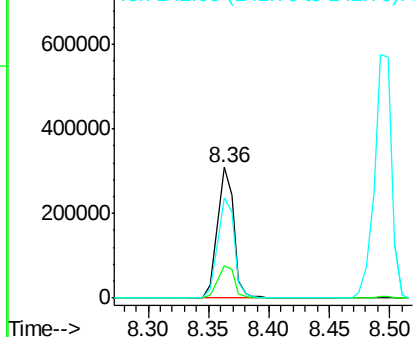


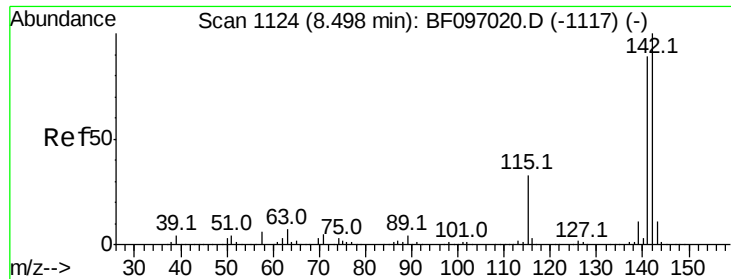
#36
 4-Chloro-3-methylphenol
 Concen: 38.556 ng
 RT: 8.36 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion:107 Resp: 284246
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 76.9 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

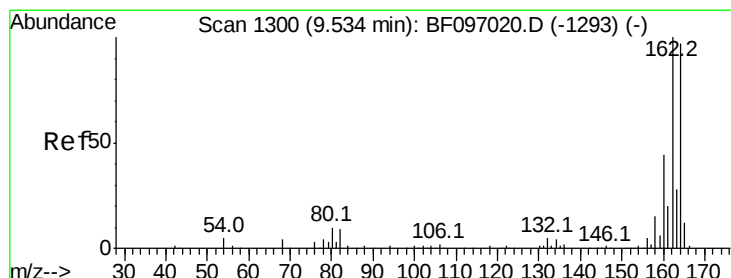
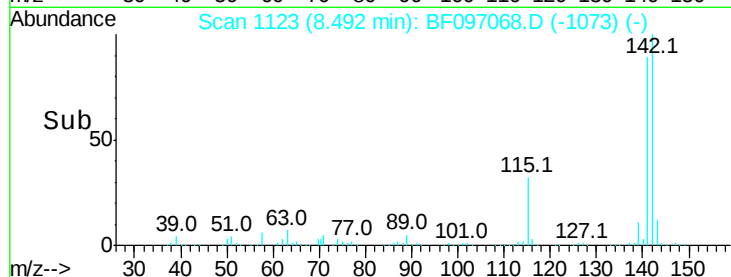
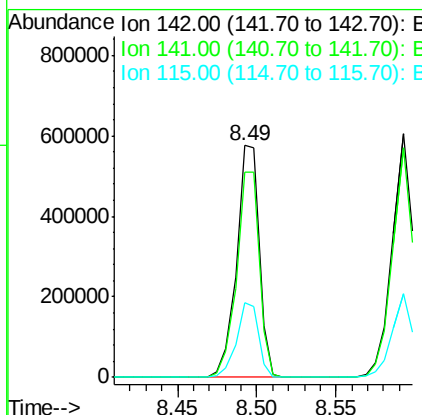
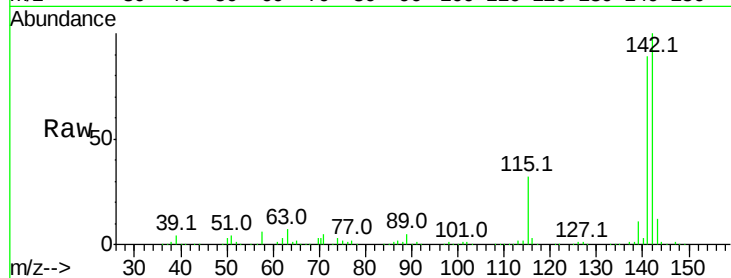




#37
 2-Methylnaphthalene
 Concen: 38.607 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

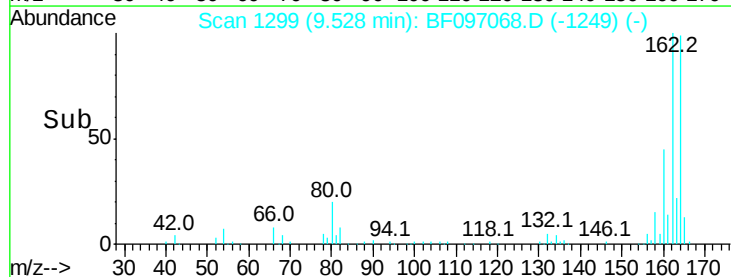
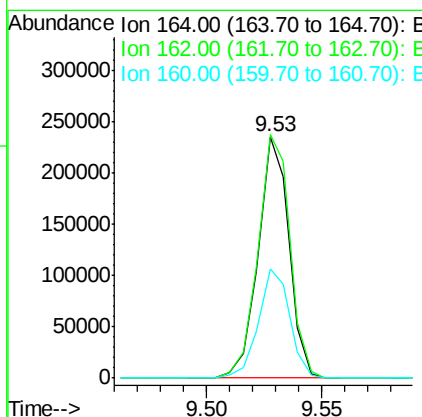
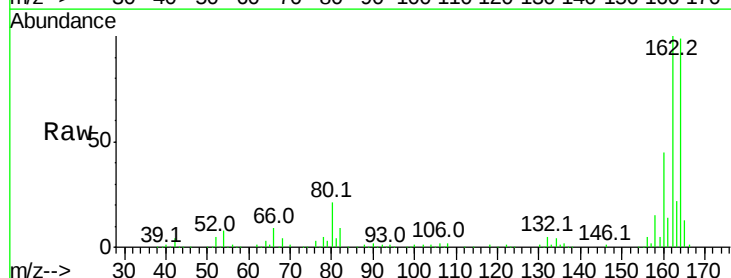
Instrument :
 BNA_F
 ClientSampleId :

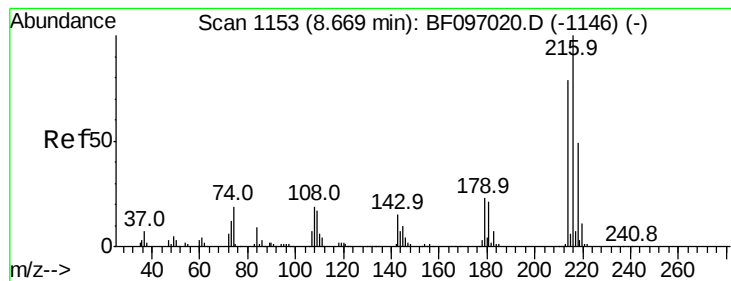
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	32.5	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	45.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.516 ng

RT: 8.66 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 230395

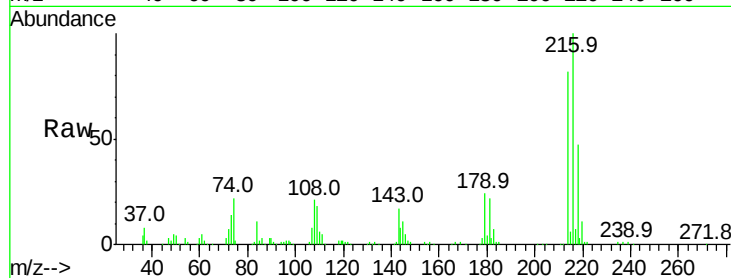
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 22.9 17.9 26.9

108 20.6 16.5 24.7

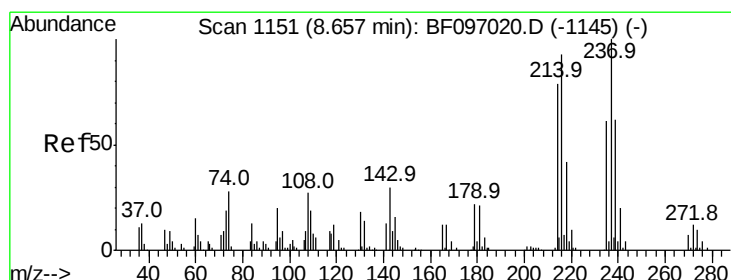
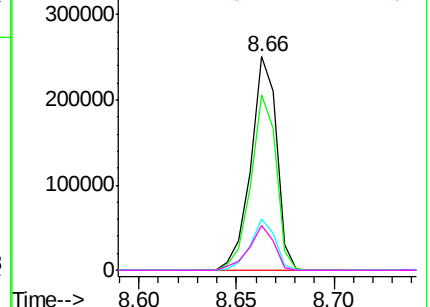
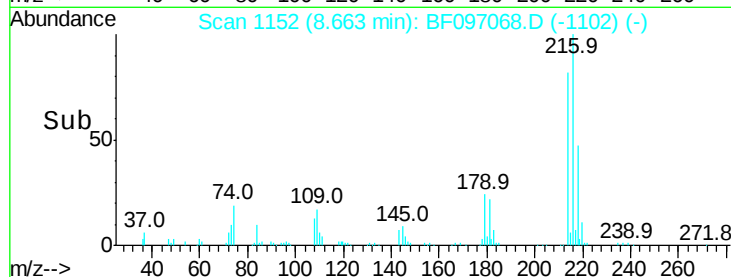


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 29.140 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

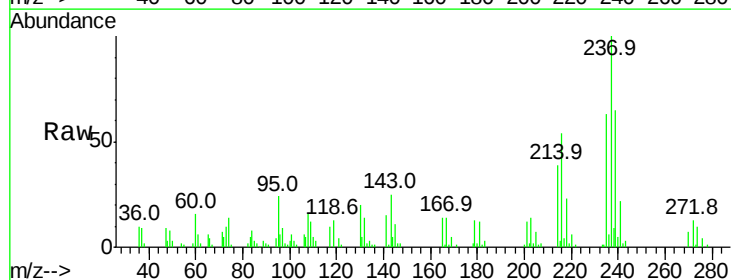
Tgt Ion:237 Resp: 50100

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

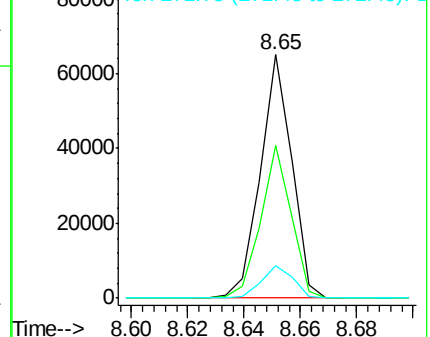
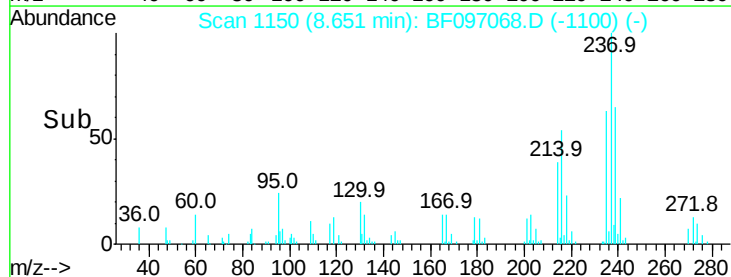
272 13.3 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 81.907 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097068.D

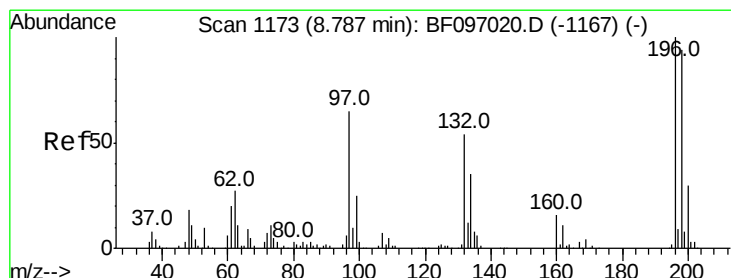
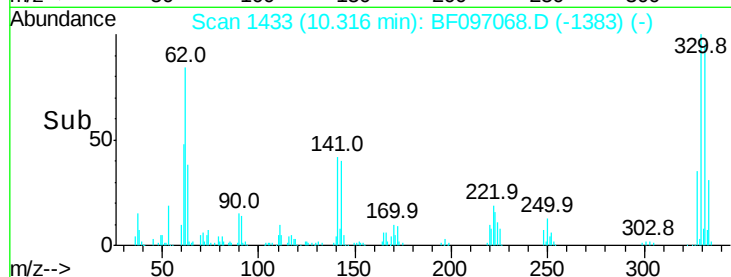
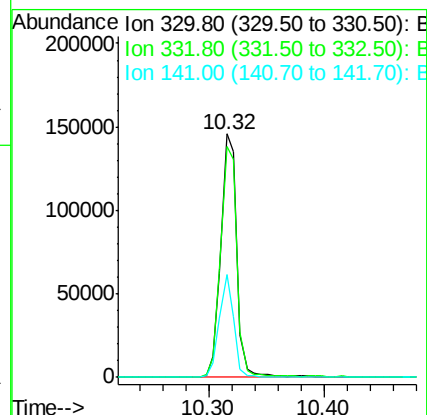
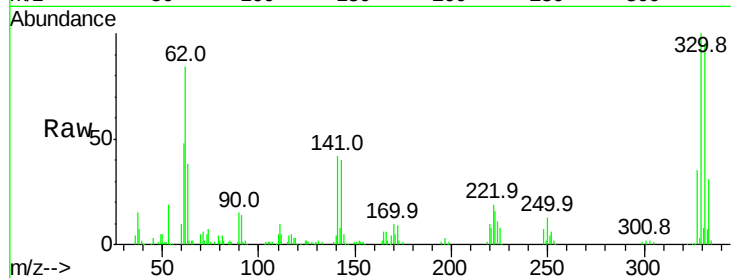
Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	141407
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.4	31.4	47.2



#42

2,4,6-Trichlorophenol

Concen: 38.519 ng

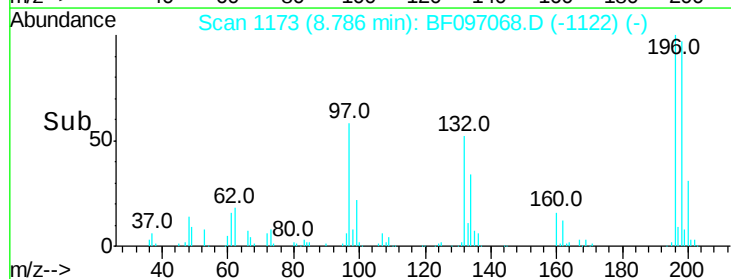
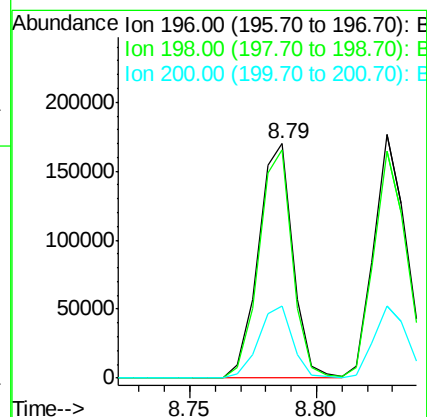
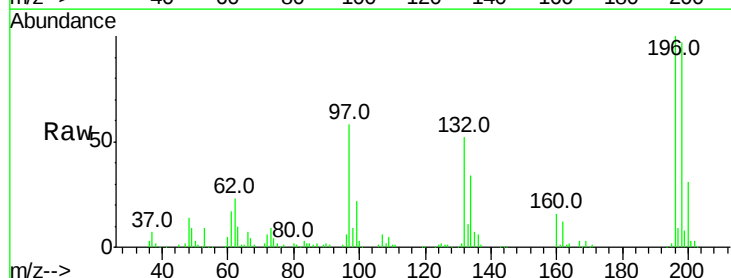
RT: 8.79 min Scan# 1173

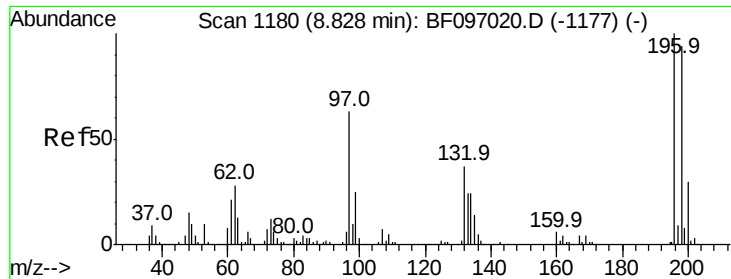
Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Tgt Ion:	196	Resp:	162748
Ion	Ratio	Lower	Upper
196	100		
198	97.4	74.2	111.4
200	31.0	24.0	36.0

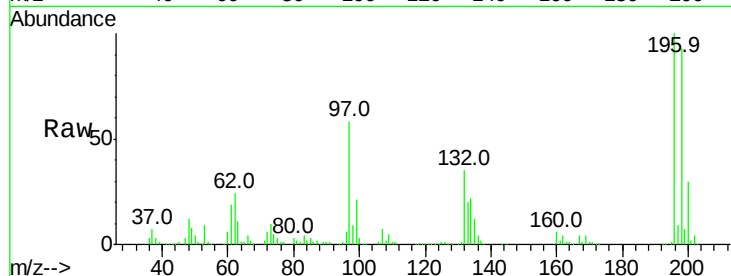




#43
 2,4,5-Trichlorophenol
 Concen: 39.777 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.7	113.5
97	58.1	47.7	71.5
132	35.1	28.0	42.0



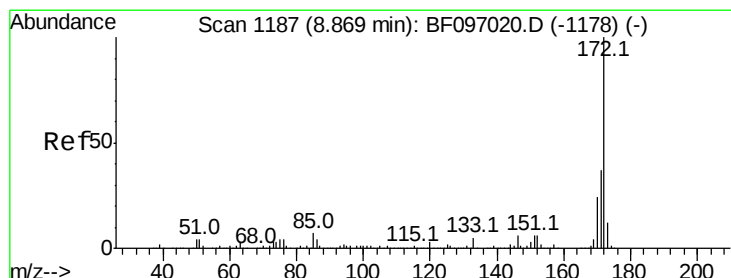
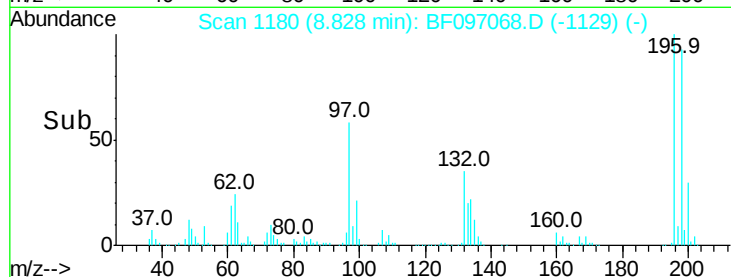
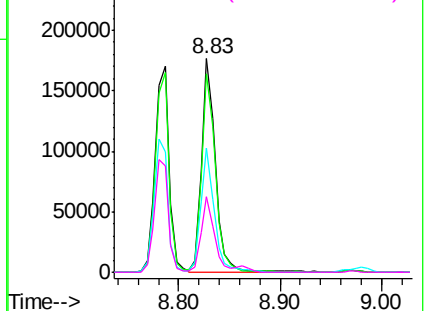
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

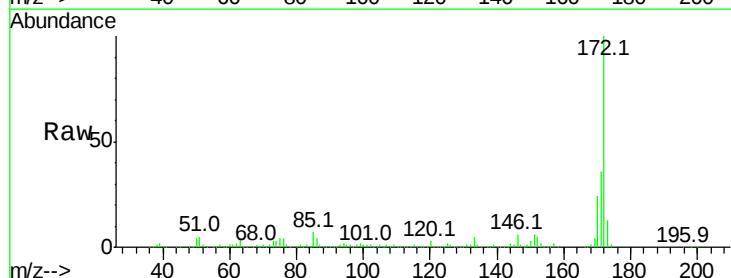
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.073 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.7	19.8	29.8

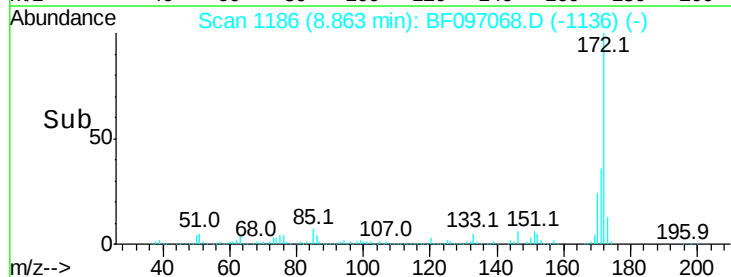
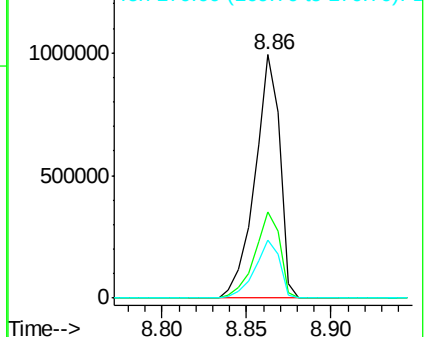


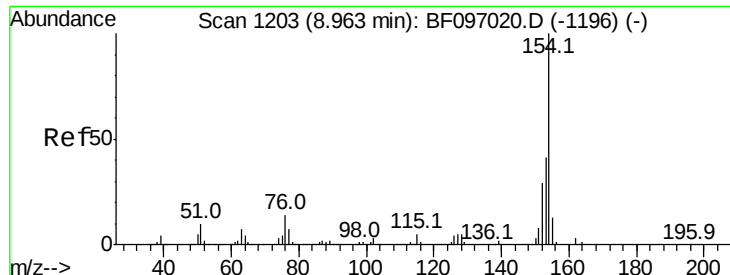
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

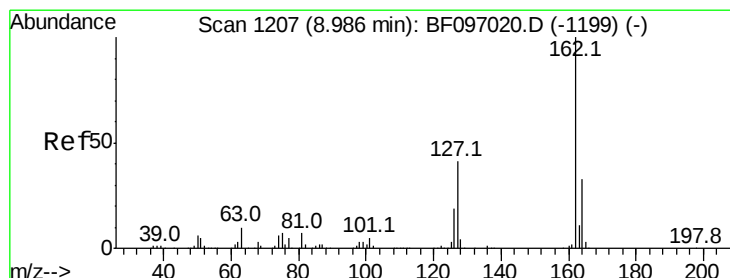
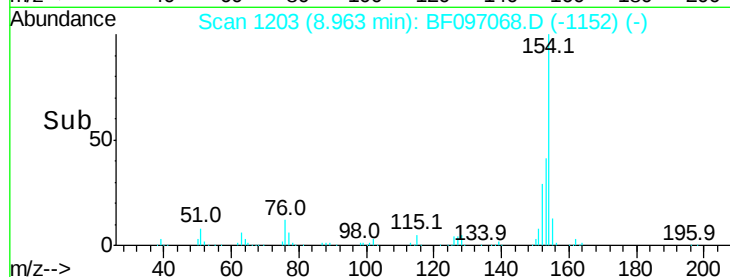
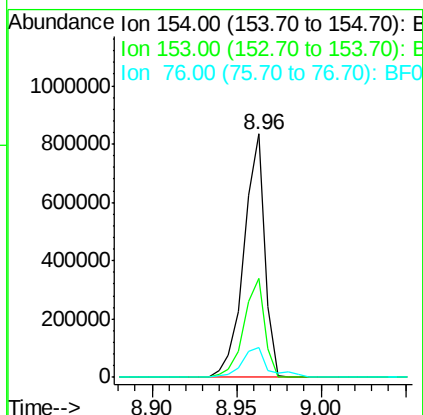
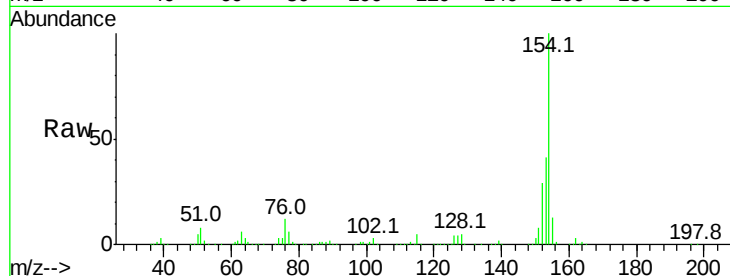




#45
 1,1'-Biphenyl
 Concen: 38.646 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

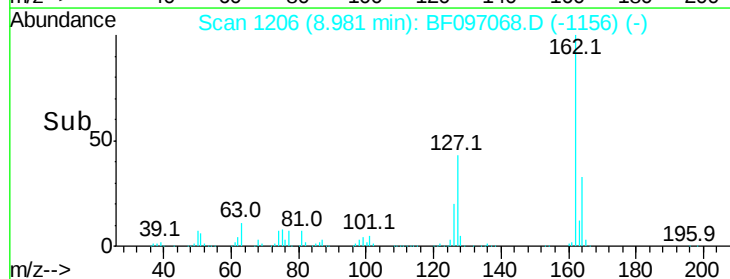
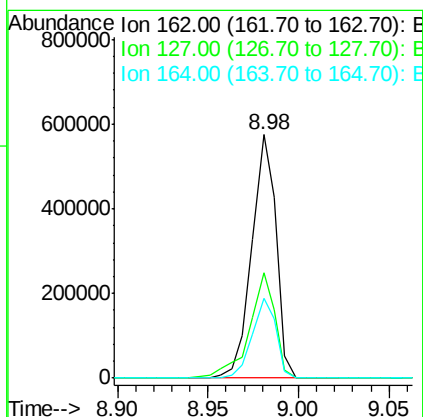
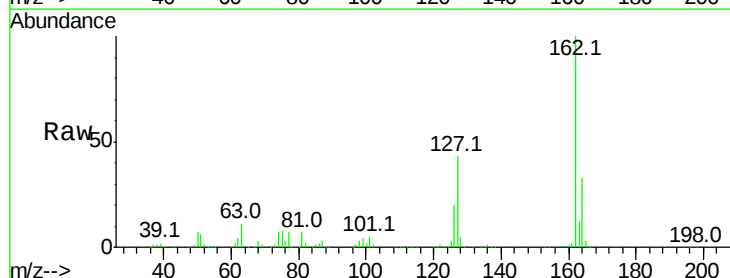
Instrument :
 BNA_F
 ClientSampleId :

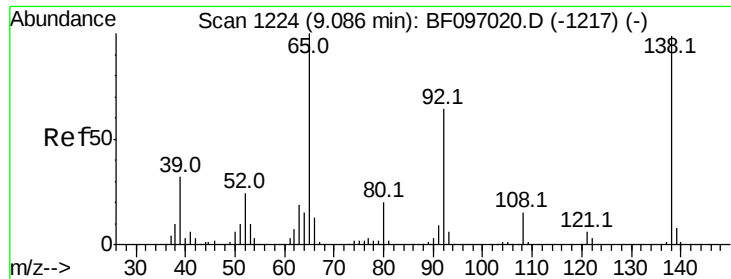
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	12.4	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 39.013 ng
 RT: 8.98 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	28.3	42.5#
164	32.7	27.0	40.4

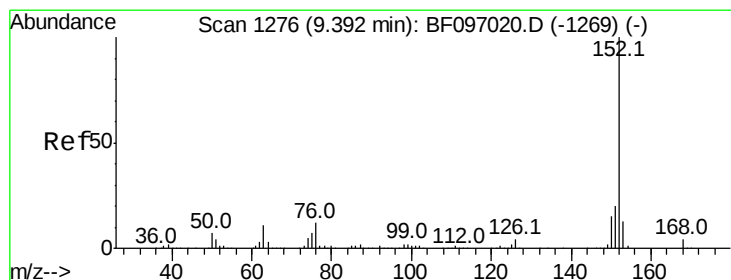
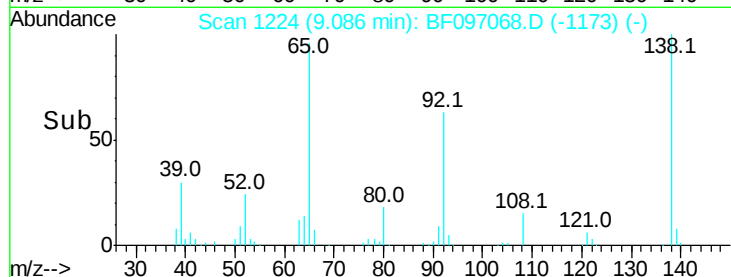
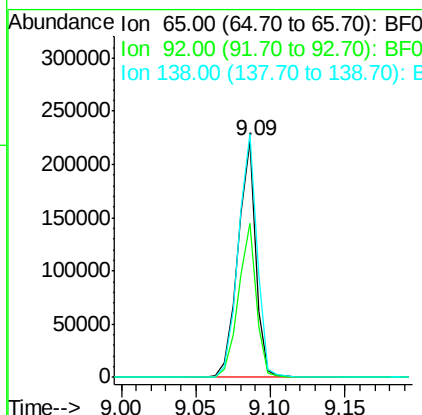
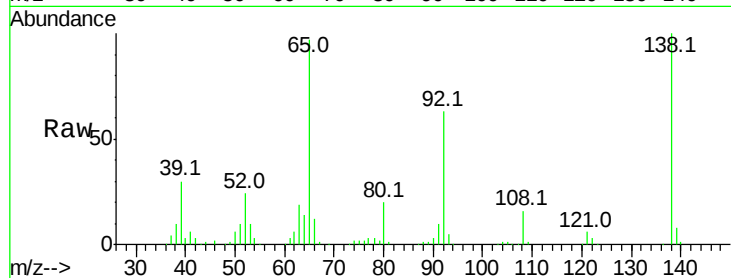




#47
 2-Nitroaniline
 Concen: 37.615 ng
 RT: 9.09 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

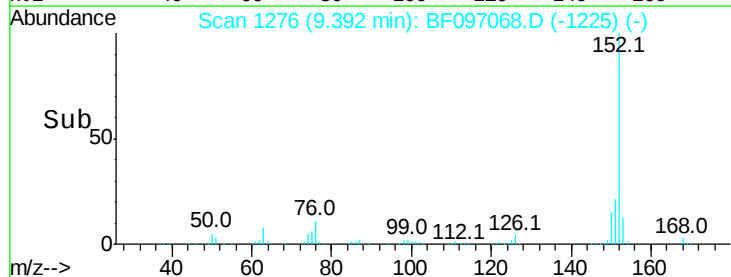
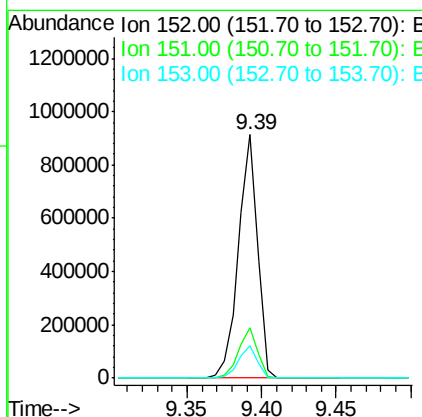
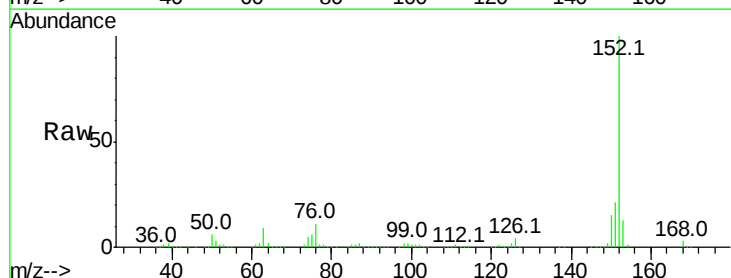
Instrument :
 BNA_F
 ClientSampleId :

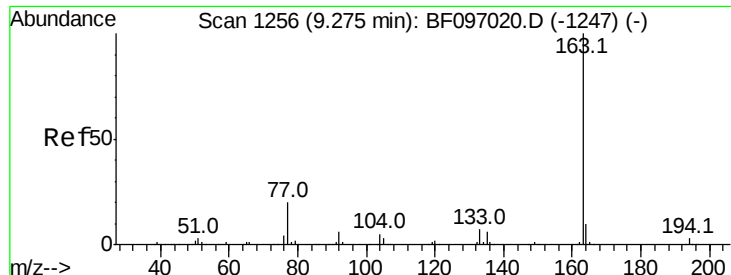
Tot Ion: 65 Resp: 187490
 Ion Ratio Lower Upper
 65 100
 92 65.0 53.9 80.9
 138 103.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.004 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion:152 Resp: 822259
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.4 10.8 16.2

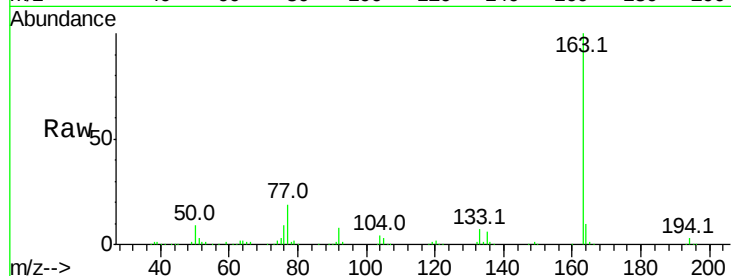




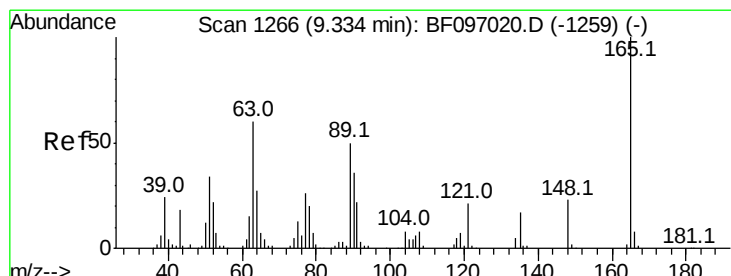
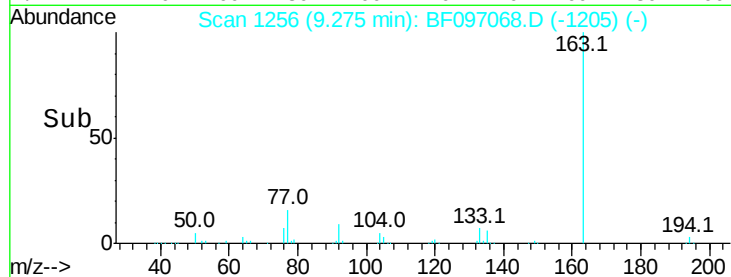
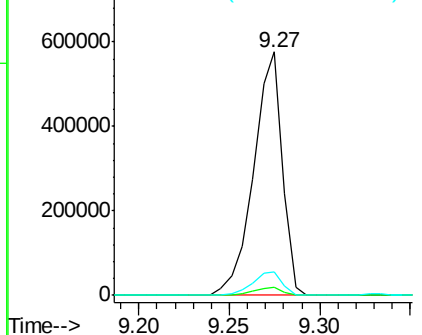
#49
Dimethylphthalate
Concen: 38.090 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.6	8.4	12.6

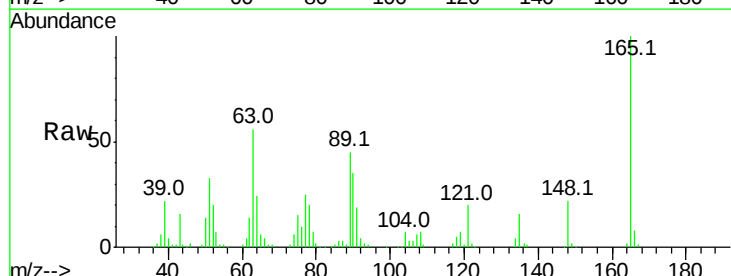


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

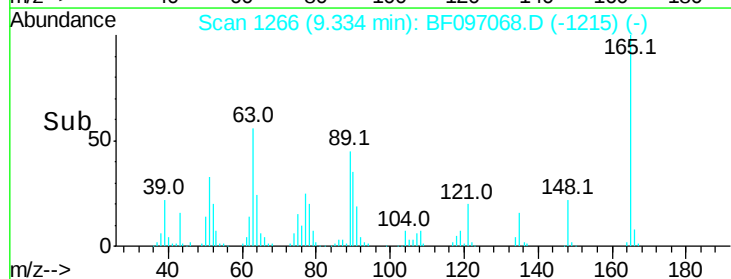
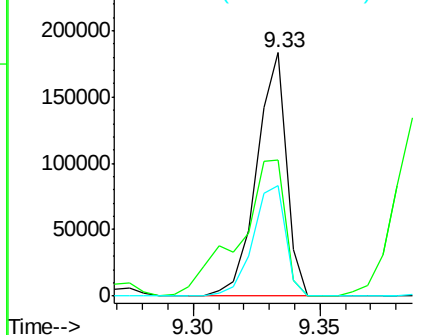


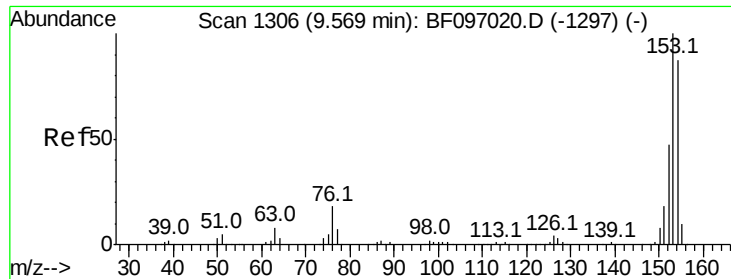
#50
2,6-Dinitrotoluene
Concen: 42.865 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.8	34.3	51.5#
89	45.4	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: 38.304 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

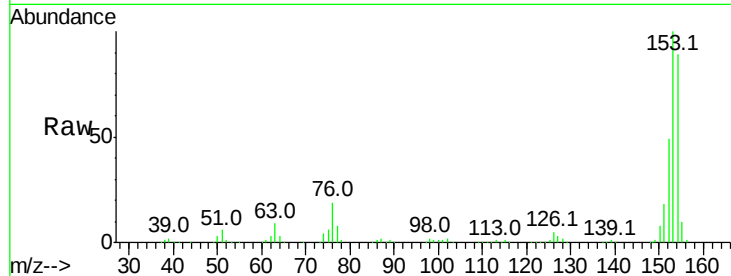
Tot Ion:154 Resp: 475645

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

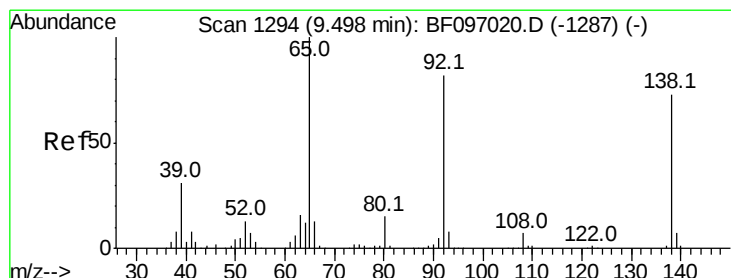
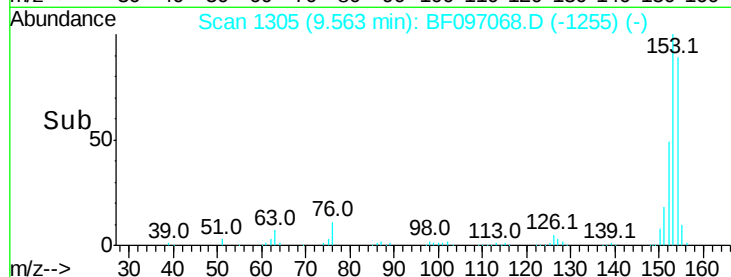
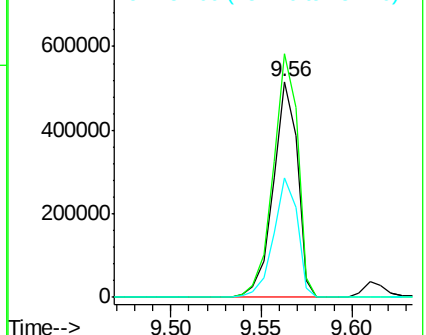
152 55.5 43.6 65.4



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: 38.446 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

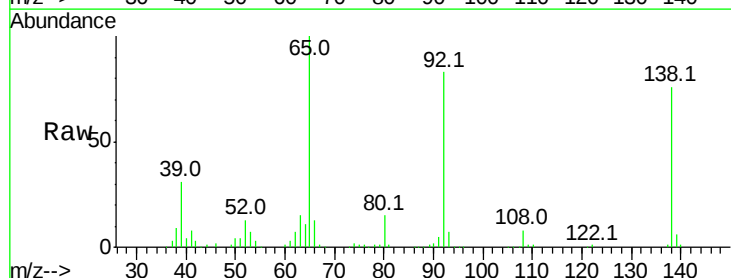
Tgt Ion:138 Resp: 167945

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

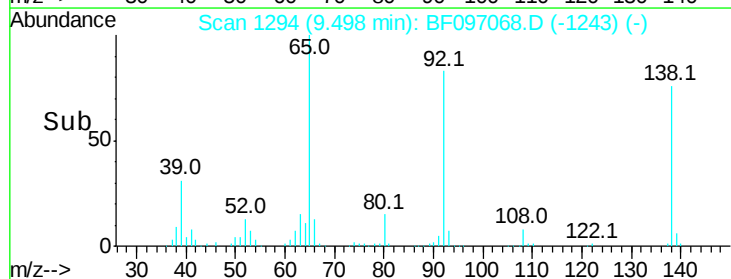
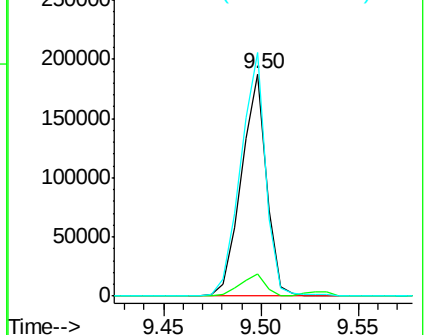
92 109.4 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

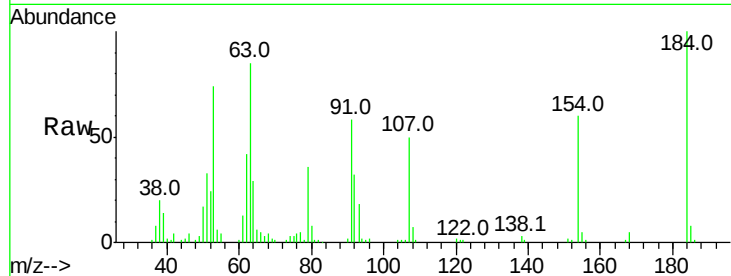




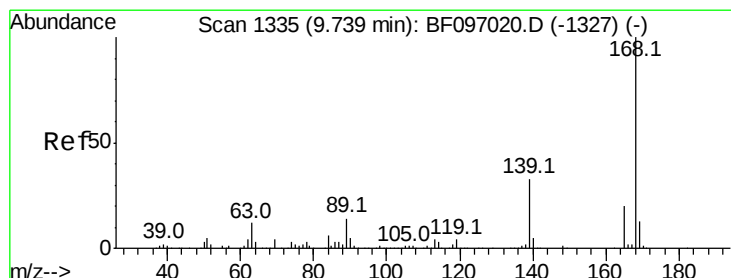
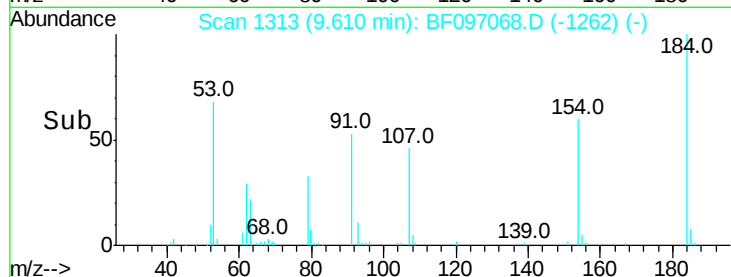
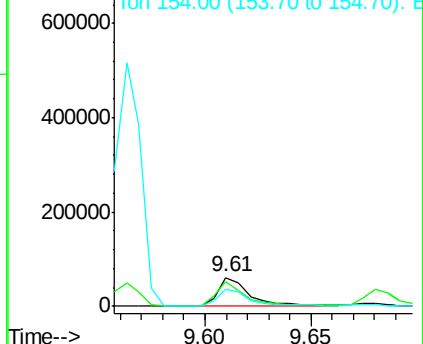
#53
2,4-Dinitrophenol
Concen: 41.825 ng
RT: 9.61 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 66926
Ion Ratio Lower Upper
184 100
63 84.5 62.7 94.1
154 60.4 81.1 121.7#

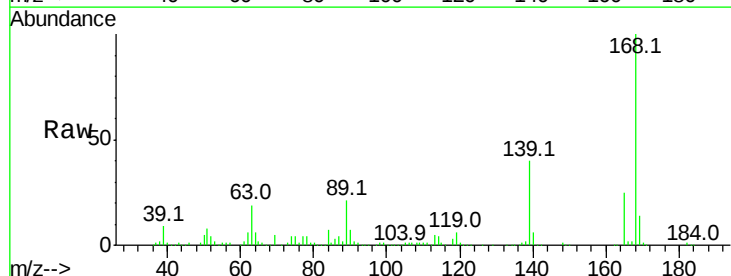


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

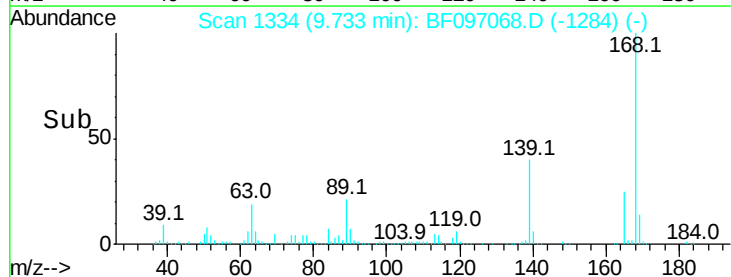
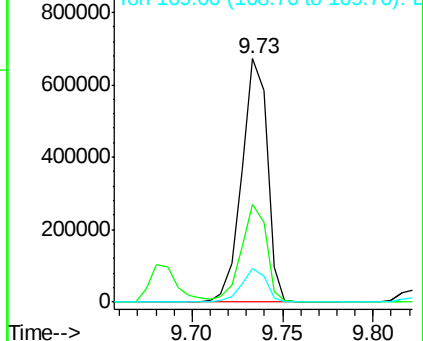


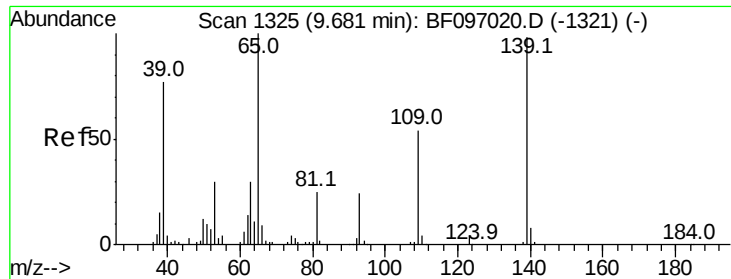
#54
Dibenzofuran
Concen: 39.564 ng
RT: 9.73 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:168 Resp: 654383
Ion Ratio Lower Upper
168 100
139 40.1 30.6 45.8
169 14.0 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

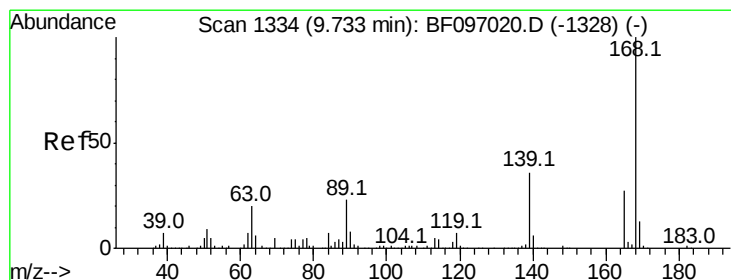
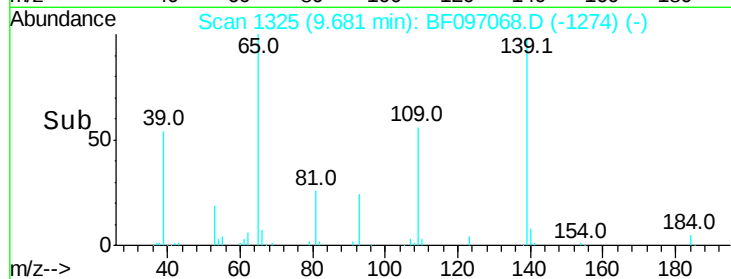
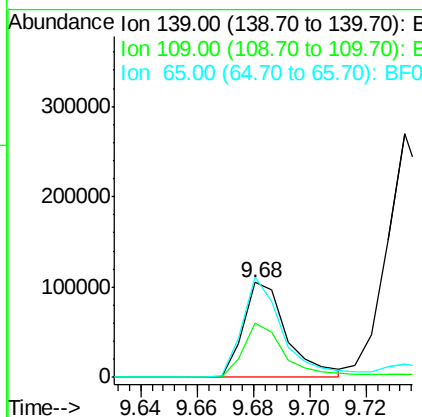
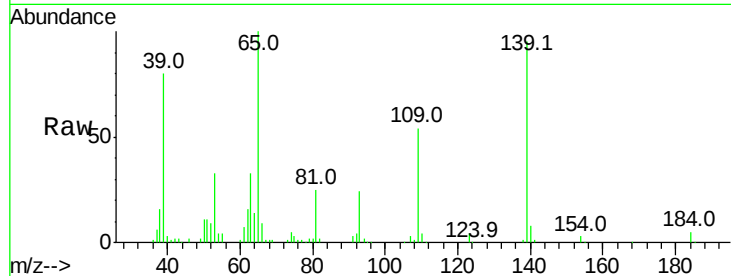




#55
4-Nitrophenol
Concen: 43.339 ng
RT: 9.68 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

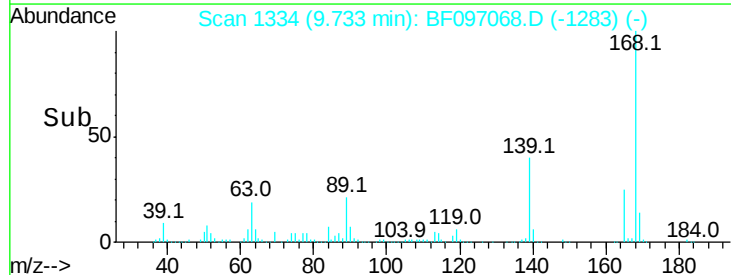
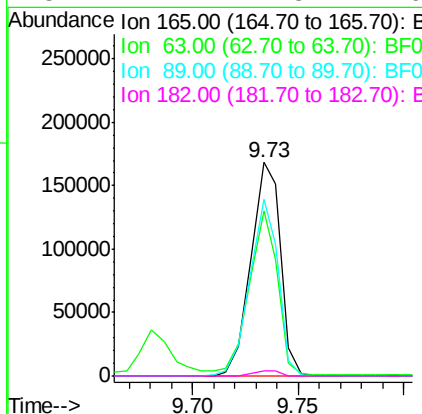
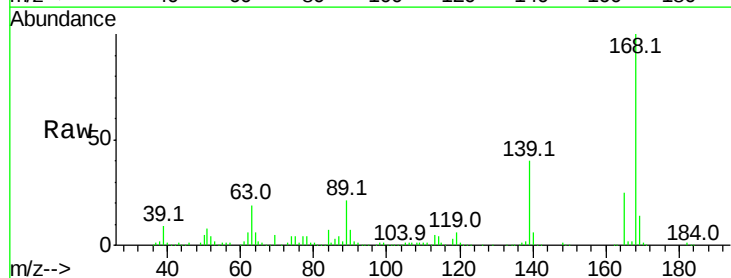
Instrument :
BNA_F
ClientSampleId :

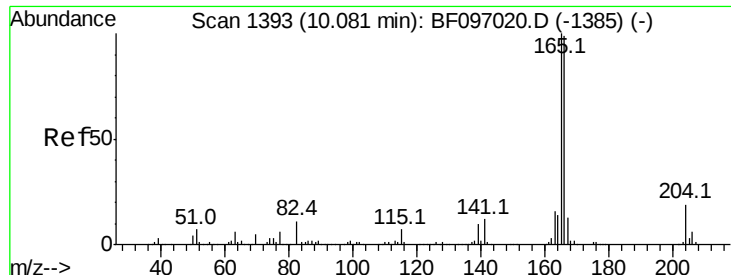
Tot Ion:139 Resp: 112585
Ion Ratio Lower Upper
139 100
109 57.1 34.1 74.1
65 105.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.514 ng
RT: 9.73 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:165 Resp: 163908
Ion Ratio Lower Upper
165 100
63 77.2 25.4 38.0#
89 82.5 46.4 69.6#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 40.787 ng

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

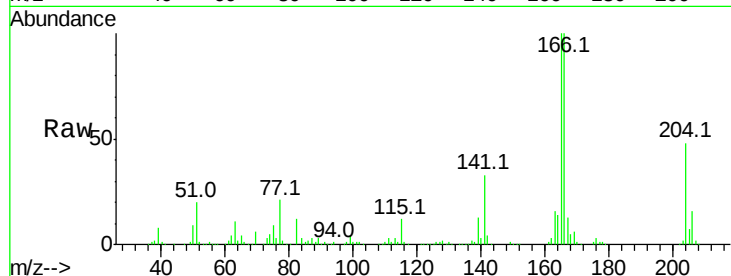
Tot Ion:166 Resp: 507034

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

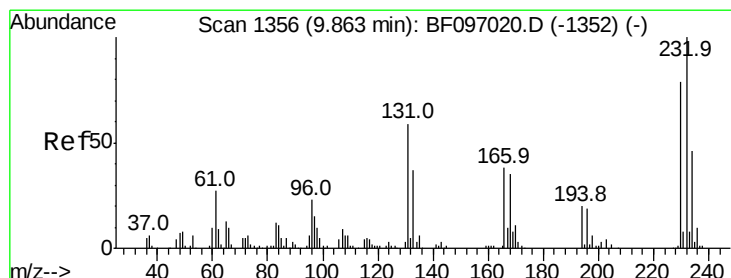
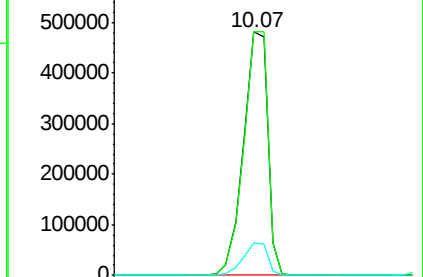
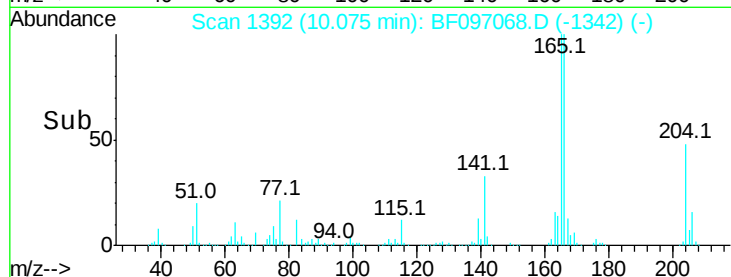
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.058 ng

RT: 9.86 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Tgt Ion:232 Resp: 116967

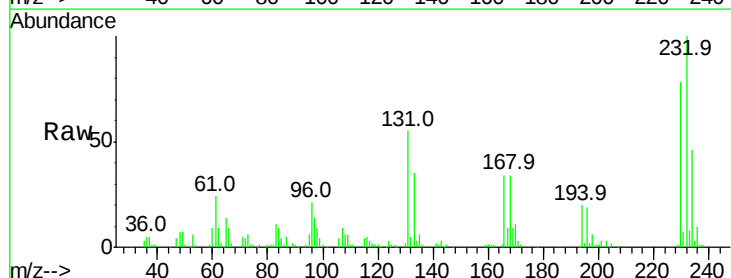
Ion Ratio Lower Upper

232 100

131 52.8 44.8 67.2

130 2.2 2.3 3.5#

166 33.3 29.0 43.4

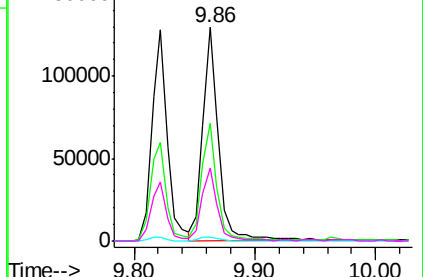
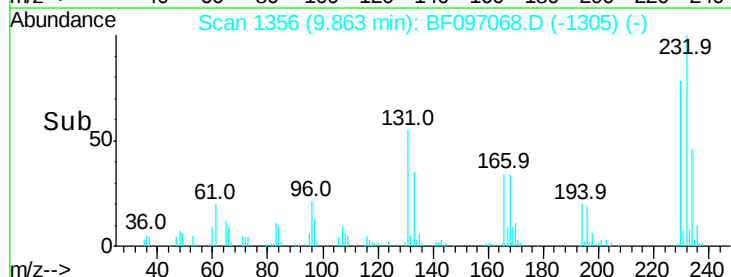


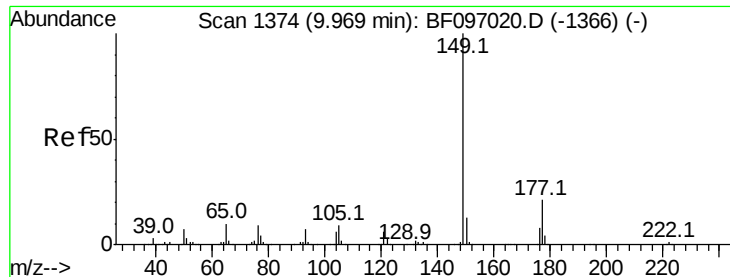
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

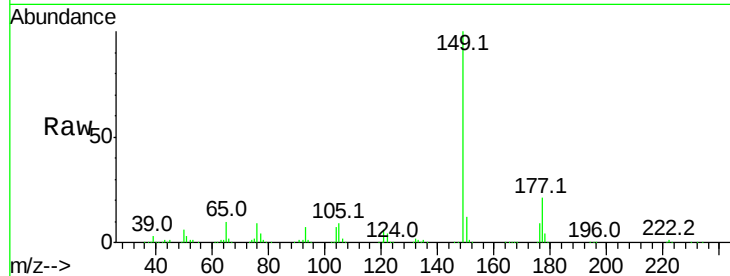




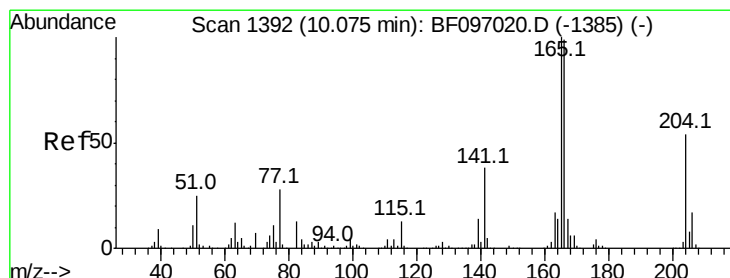
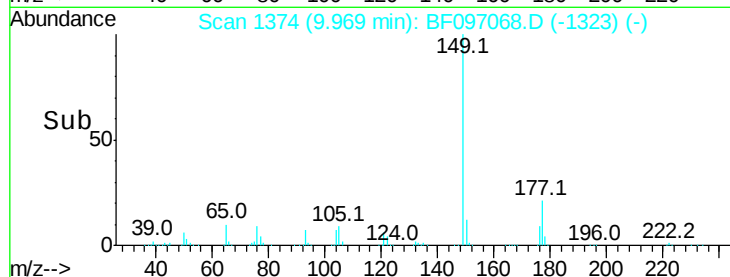
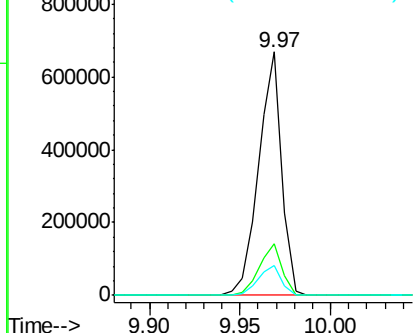
#59
Diethylphthalate
Concen: 38.716 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 589382
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.5 10.2 15.2

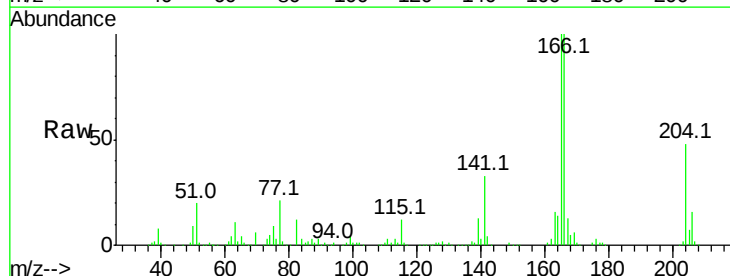


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

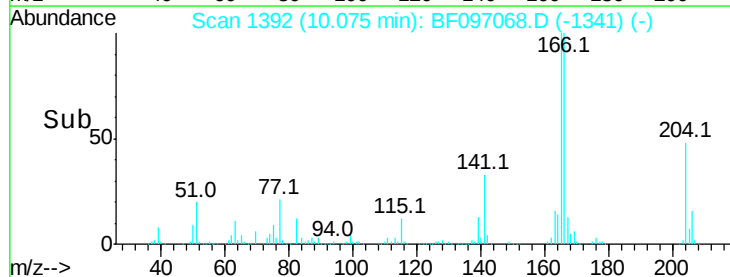
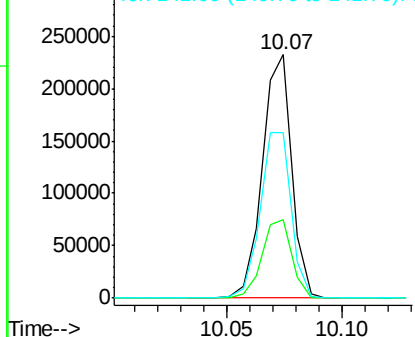


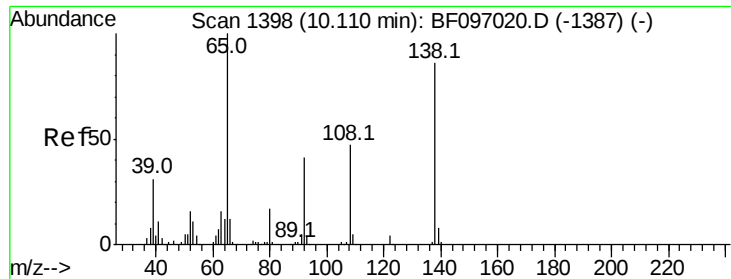
#60
4-Chlorophenyl-phenylether
Concen: 40.129 ng
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:204 Resp: 205999
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 68.1 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

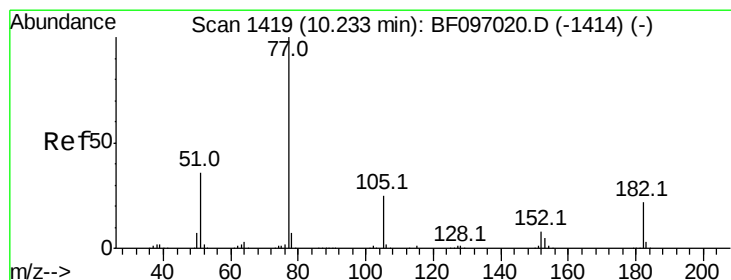
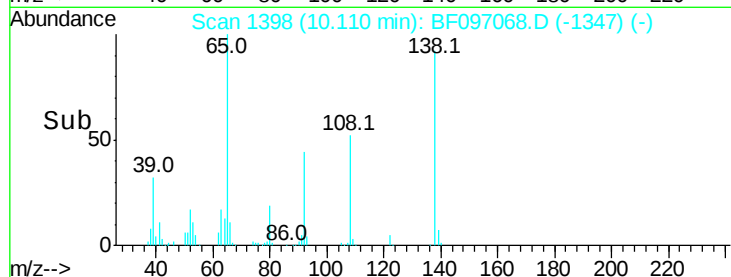
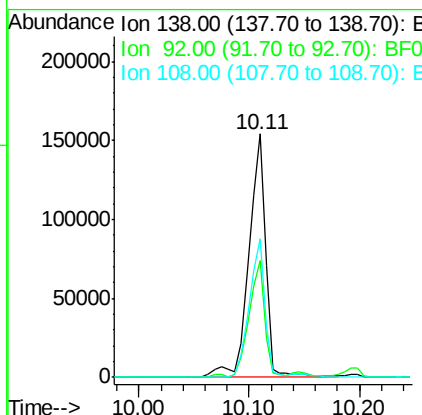
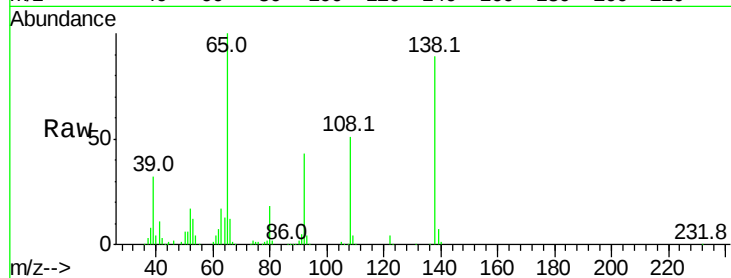




#61
4-Nitroaniline
Concen: 40.288 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

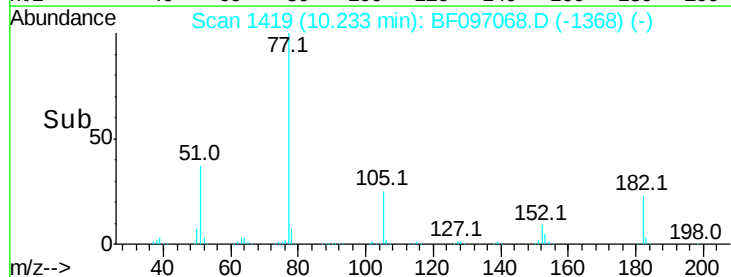
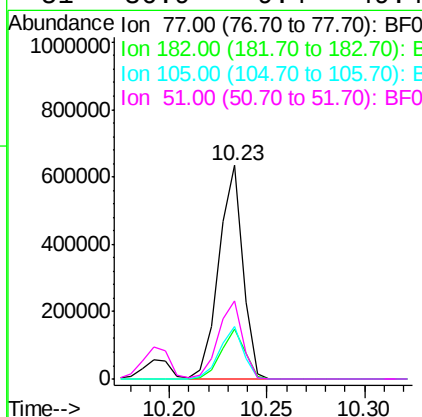
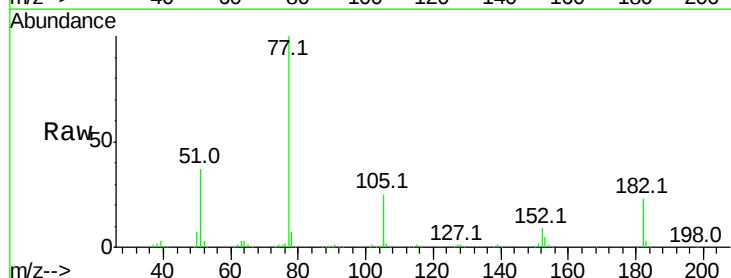
Instrument :
BNA_F
ClientSampled :

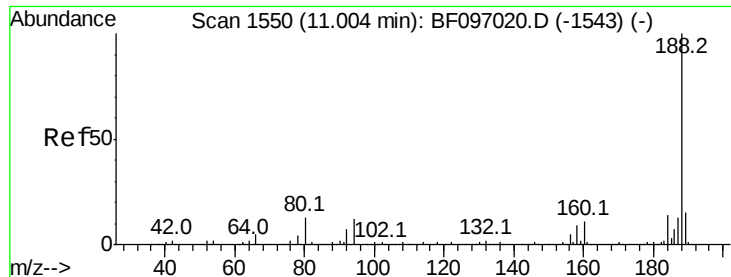
Tot Ion:138 Resp: 167223
Ion Ratio Lower Upper
138 100
92 47.9 21.8 61.8
108 57.2 42.3 82.3



#62
Azobenzene
Concen: 38.245 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion: 77 Resp: 540116
Ion Ratio Lower Upper
77 100
182 23.2 0.1 40.1
105 24.6 3.6 43.6
51 36.9 9.4 49.4

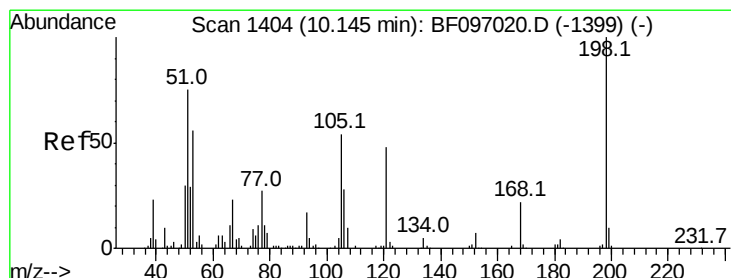
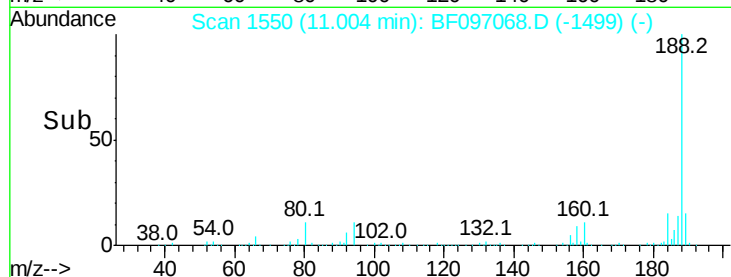
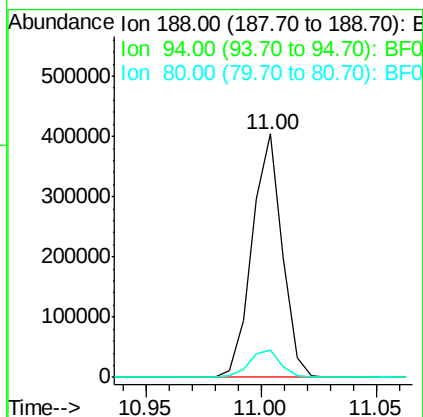
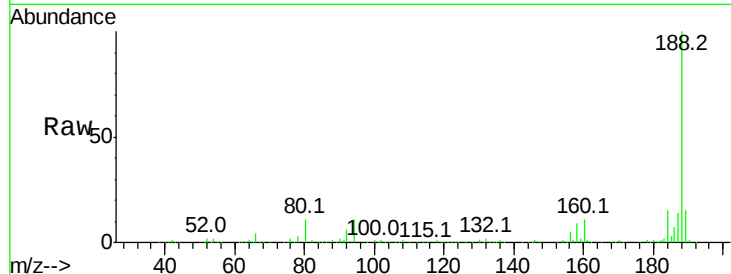




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

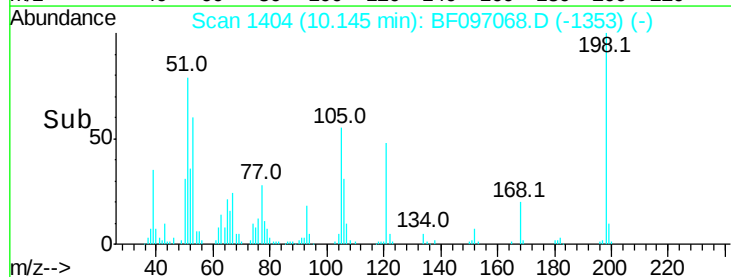
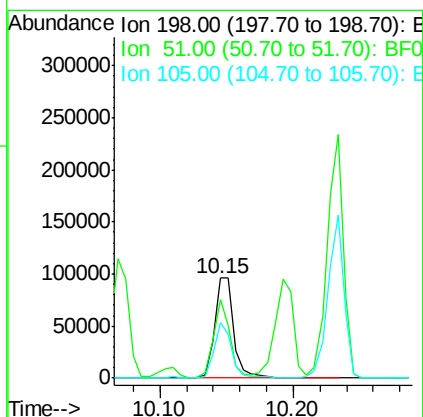
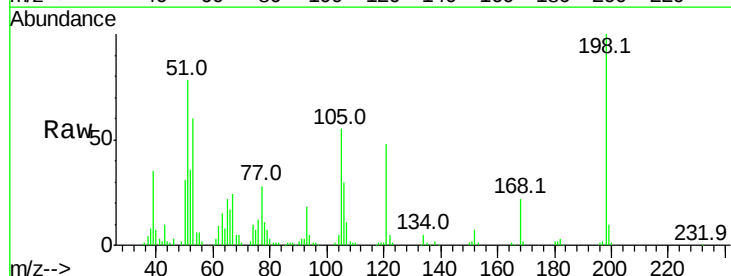
Instrument :
 BNA_F
 ClientSampled :

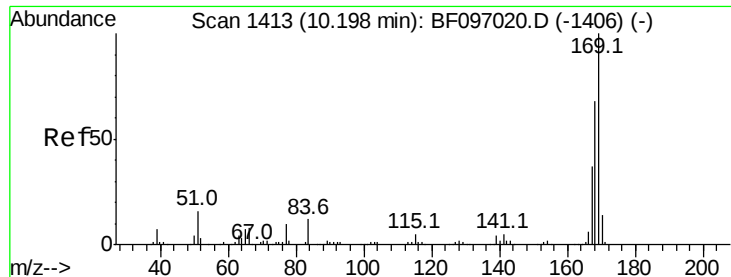
Tot Ion:188 Resp: 367912
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.696 ng
 RT: 10.15 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion:198 Resp: 97610
 Ion Ratio Lower Upper
 198 100
 51 78.2 53.2 93.2
 105 55.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 37.521 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

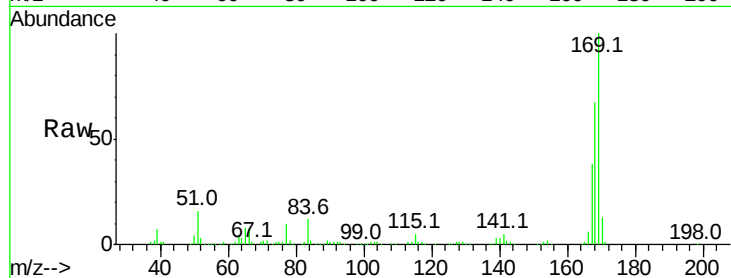
Tot Ion:169 Resp: 480316

Ion Ratio Lower Upper

169 100

168 66.6 53.2 79.8

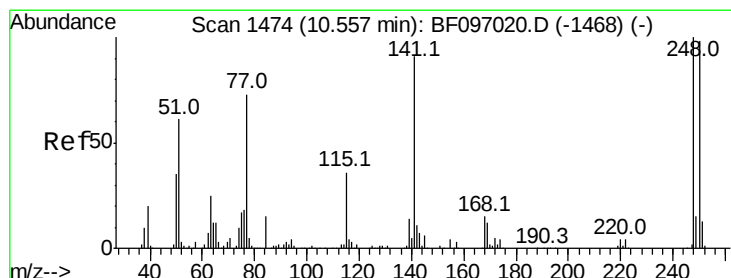
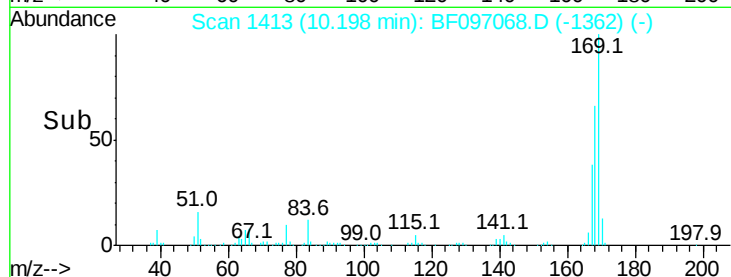
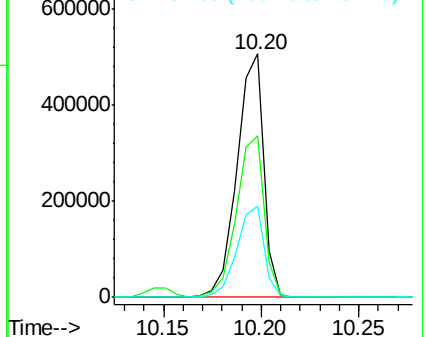
167 37.6 29.5 44.3



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: 39.979 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

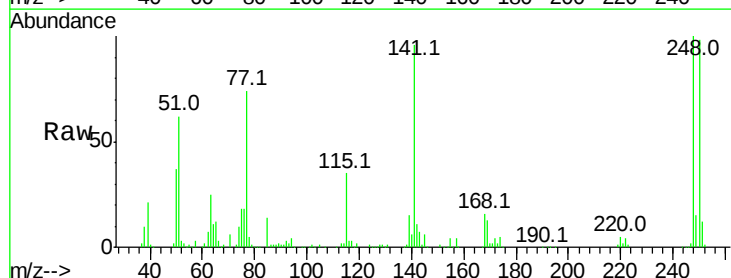
Tgt Ion:248 Resp: 146788

Ion Ratio Lower Upper

248 100

250 97.9 76.8 115.2

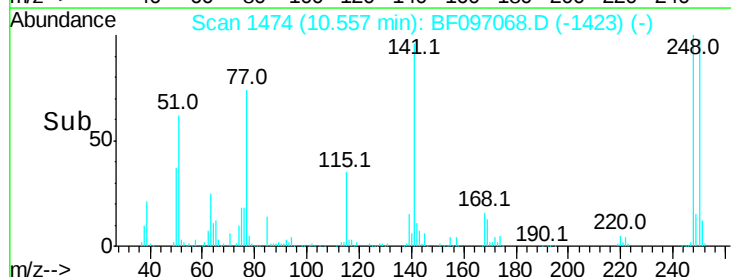
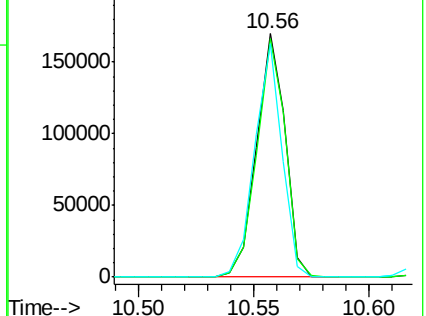
141 95.6 68.6 103.0



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

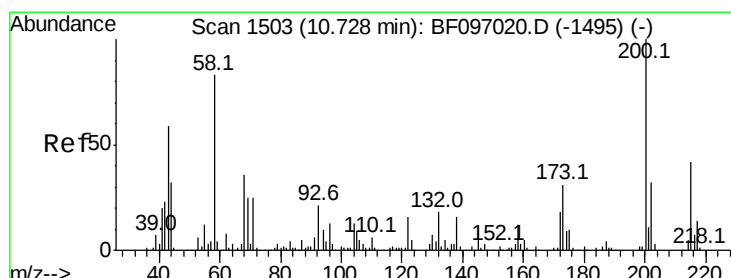
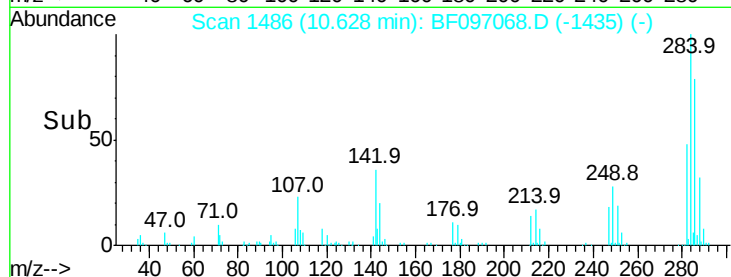
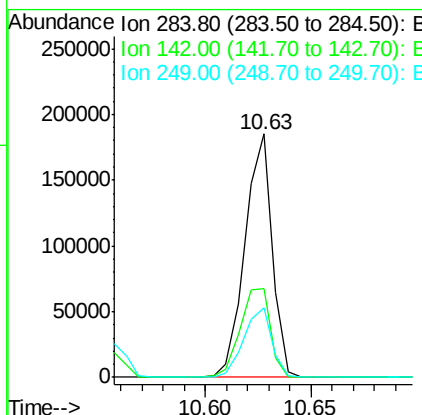
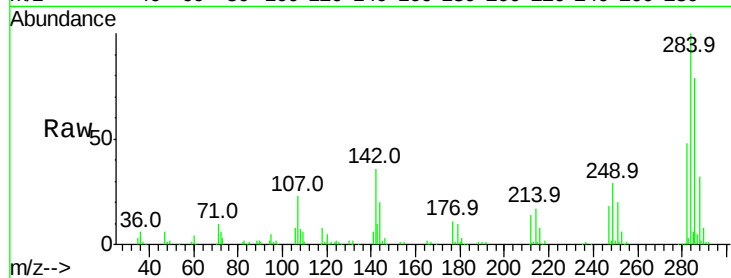




#67
Hexachlorobenzene
Concen: 40.188 ng
RT: 10.63 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

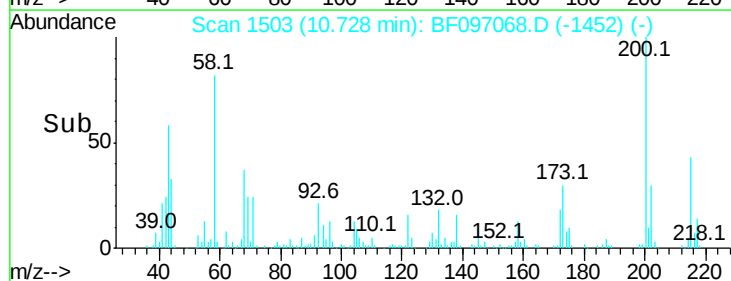
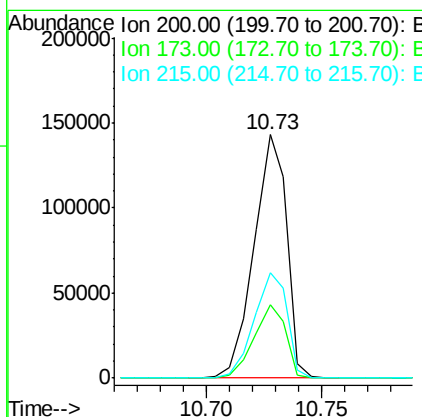
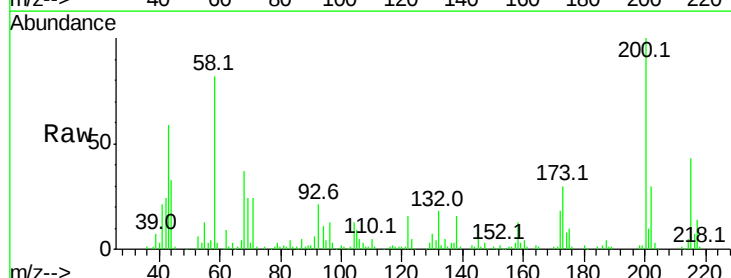
Instrument :
BNA_F
ClientSampled :

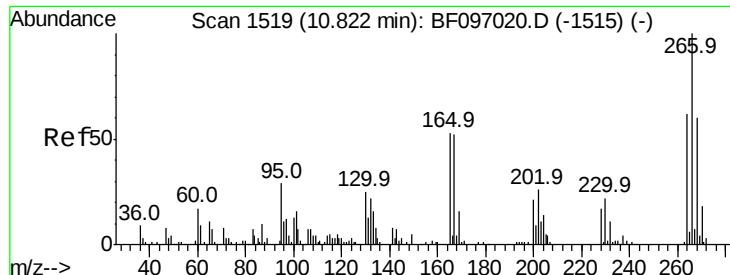
Tot Ion:284 Resp: 165467
Ion Ratio Lower Upper
284 100
142 36.4 22.8 34.2#
249 28.5 24.0 36.0



#68
Atrazine
Concen: 38.473 ng
RT: 10.73 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:200 Resp: 141226
Ion Ratio Lower Upper
200 100
173 30.3 6.3 46.3
215 43.4 27.2 67.2

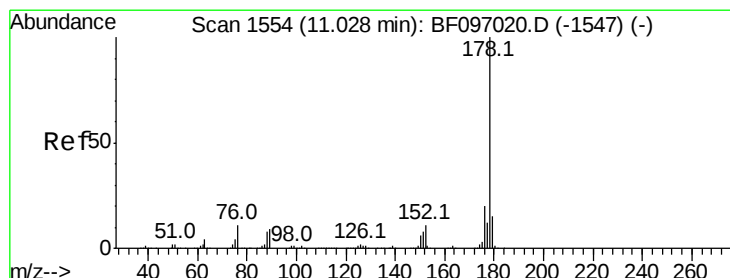
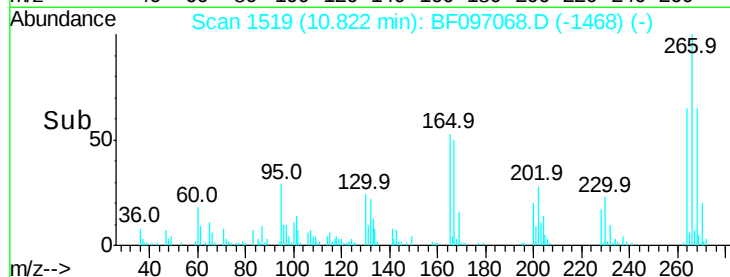
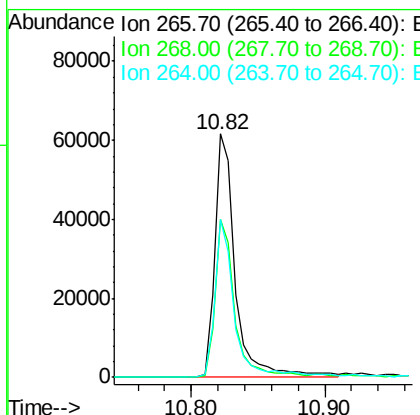
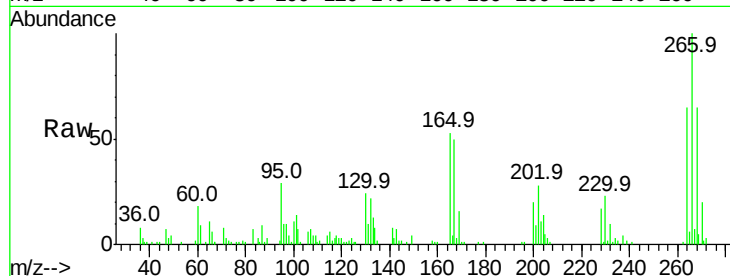




#69
 Pentachlorophenol
 Concen: 39.200 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

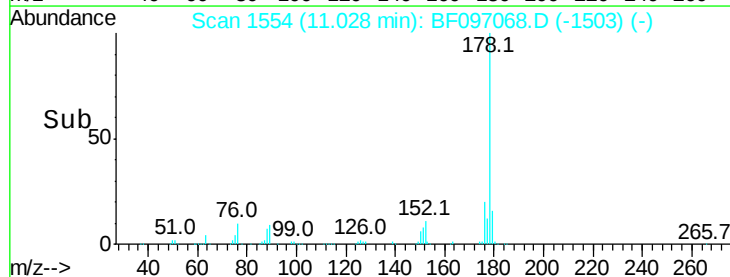
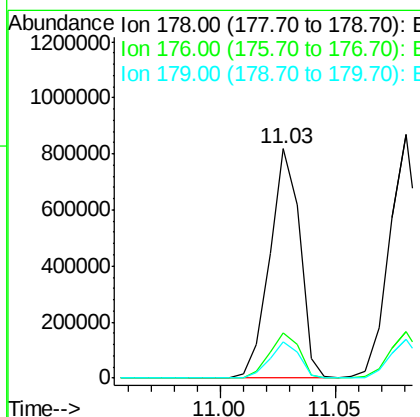
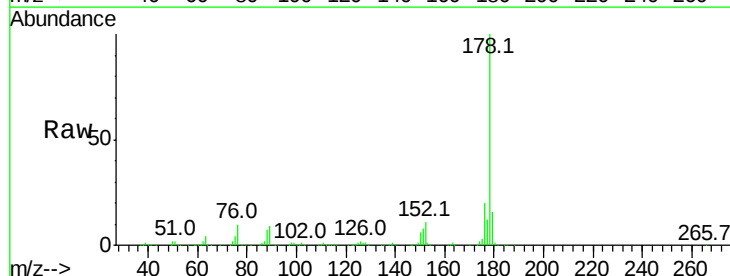
Instrument :
 BNA_F
 ClientSampleId :

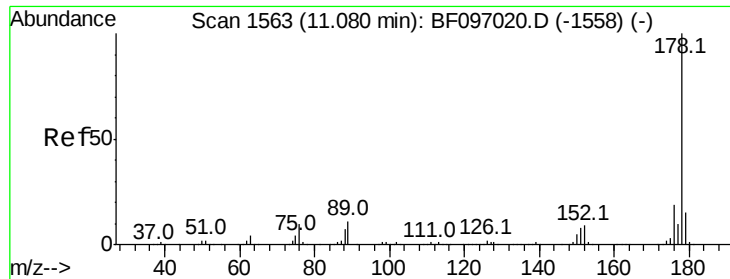
Tot Ion:266 Resp: 66780
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 64.7 51.7 77.5



#70
 Phenanthrene
 Concen: 37.429 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion:178 Resp: 737842
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.9 12.6 19.0





#71

Anthracene

Concen: 38.225 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

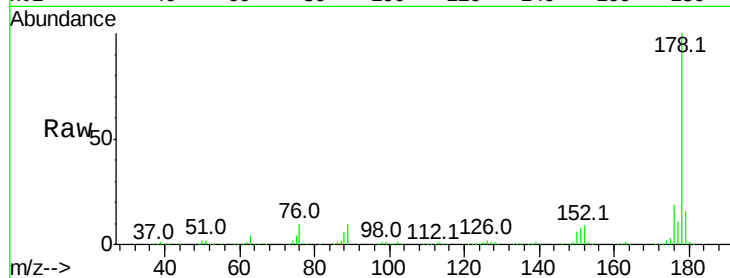
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 771769

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	12.7	19.1

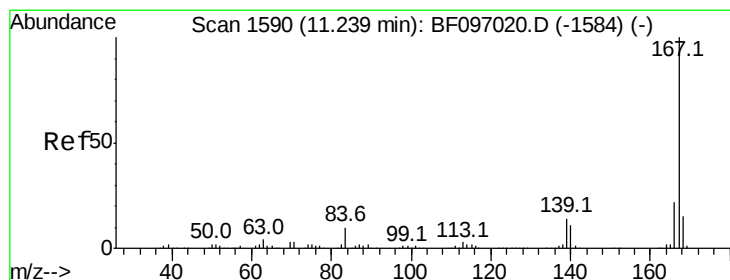
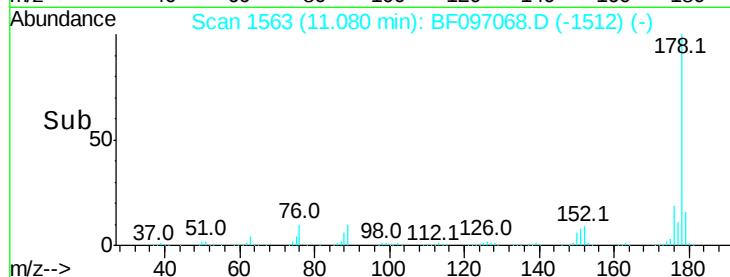
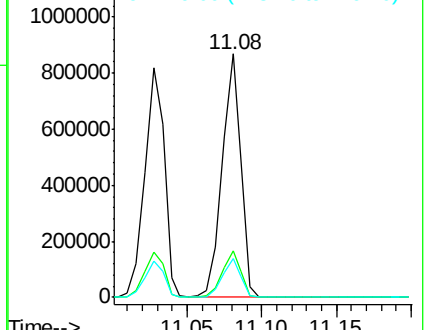


Abundance

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: 39.859 ng

RT: 11.24 min Scan# 1590

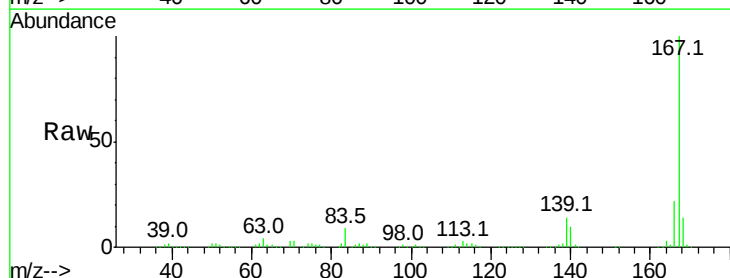
Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Tgt Ion:167 Resp: 791471

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.9	11.7	17.5

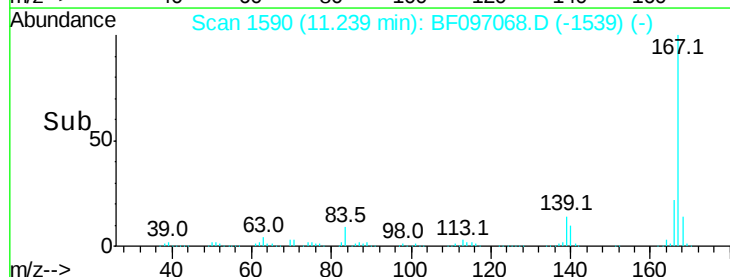
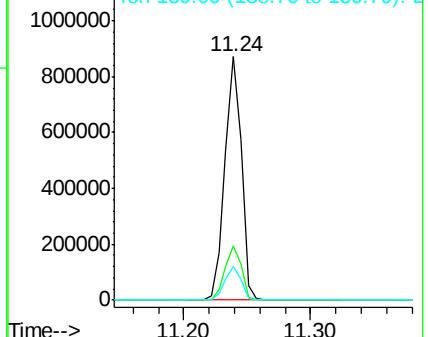


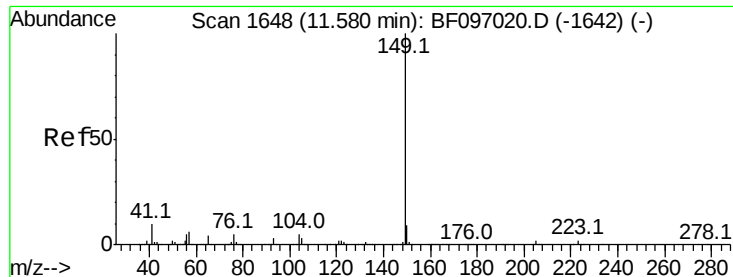
Abundance

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: 38.077 ng

RT: 11.58 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

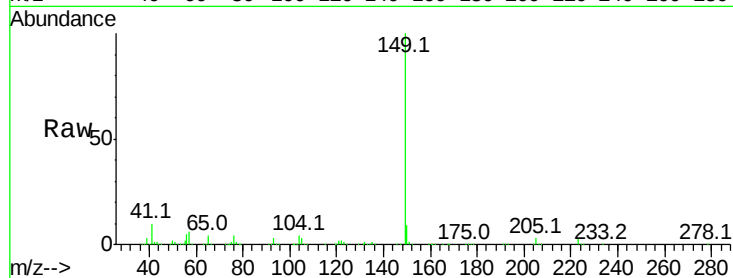
Tot Ion:149 Resp: 934613

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

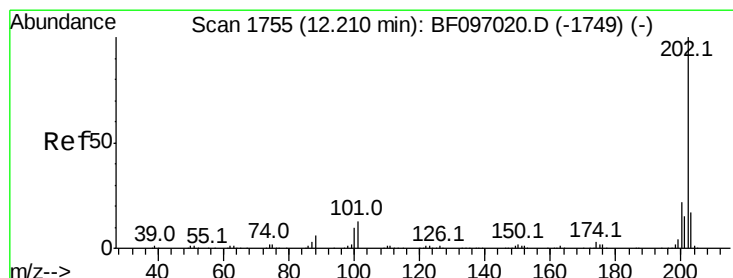
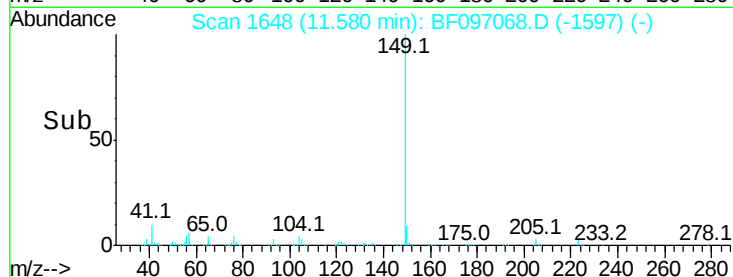
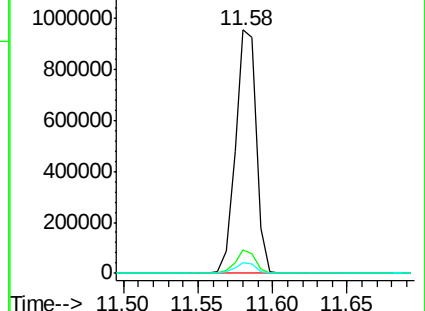
104 4.4 4.0 6.0



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: 38.211 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

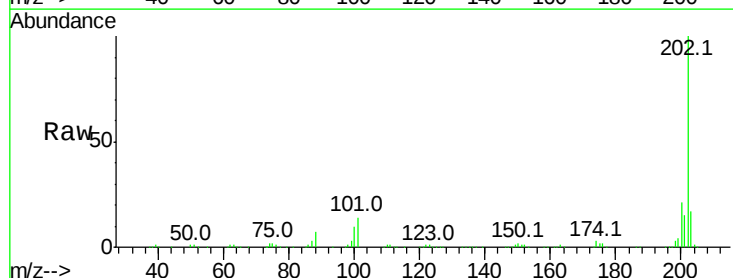
Tgt Ion:202 Resp: 737928

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

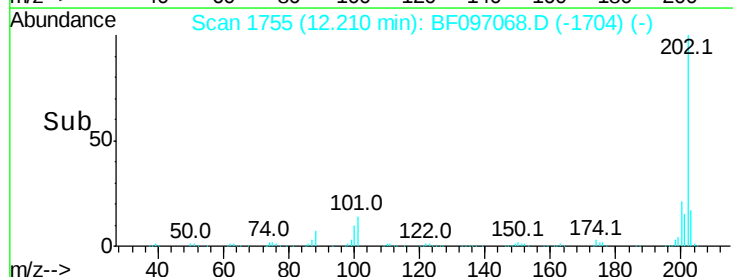
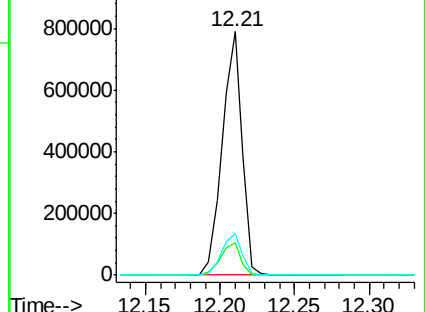
203 17.1 0.0 38.1

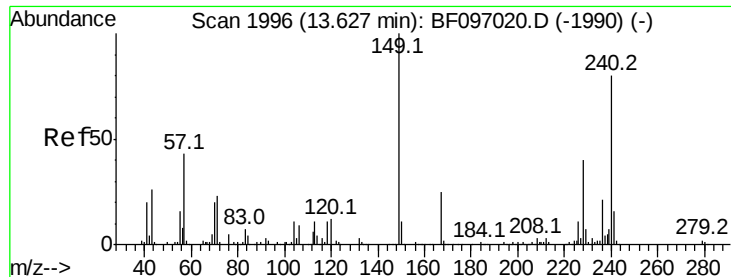


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

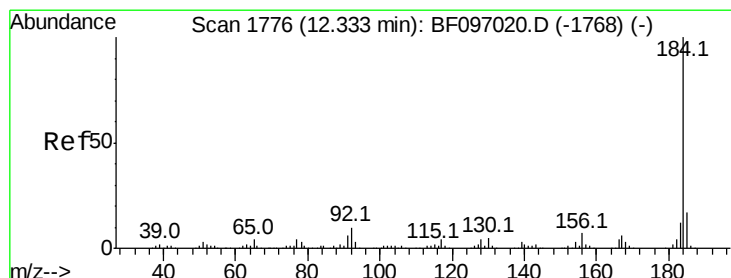
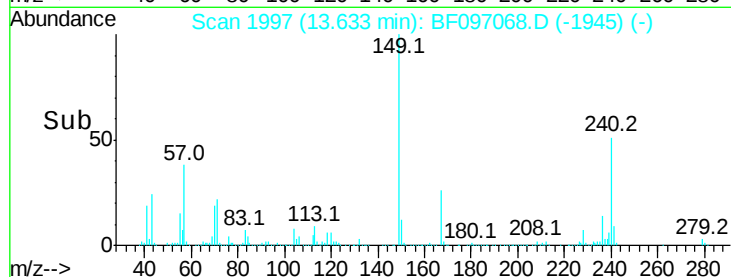
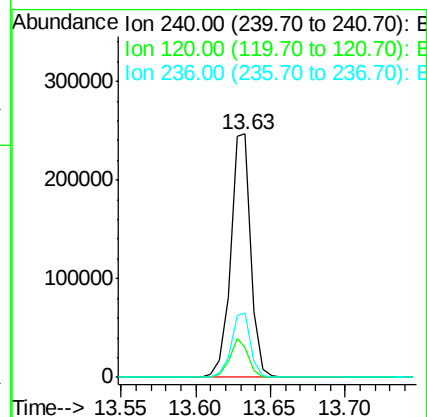
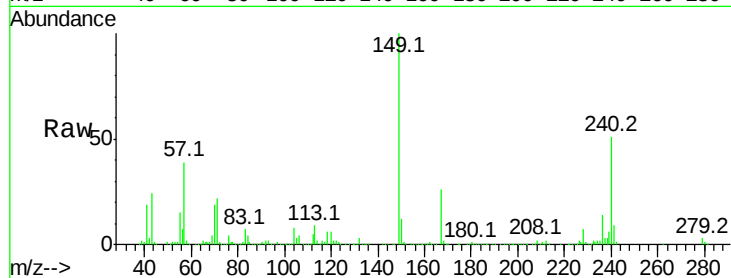
Tot Ion:240 Resp: 236665

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

236 26.6 20.5 30.7



#76

Benzidine

Concen: 36.511 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

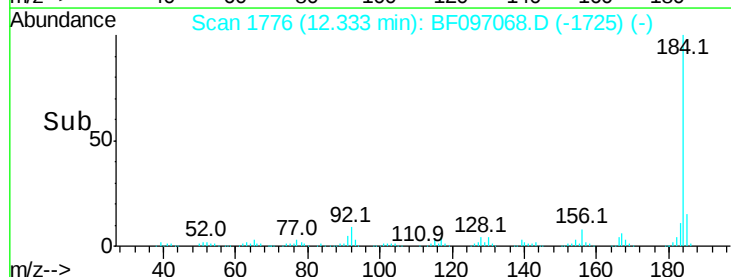
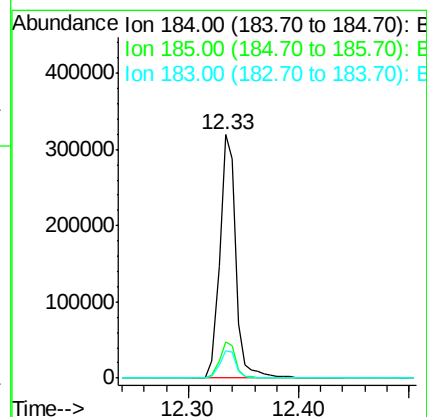
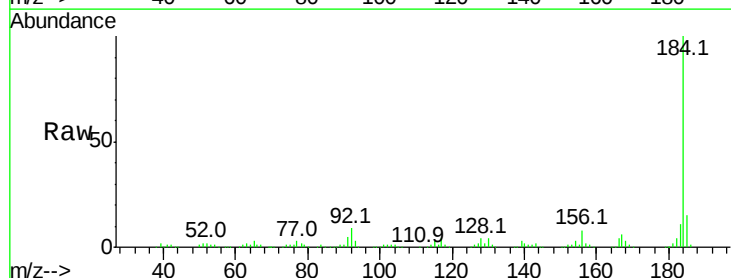
Tgt Ion:184 Resp: 320615

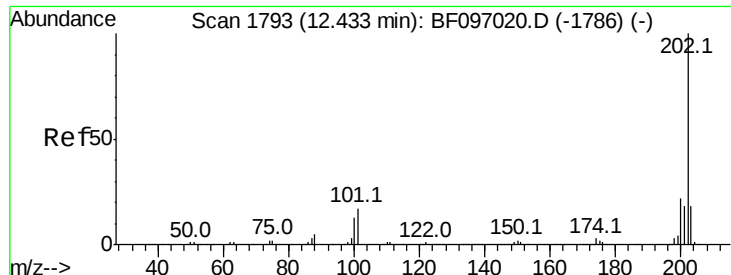
Ion Ratio Lower Upper

184 100

185 15.0 15.5 23.3#

183 11.4 9.8 14.6

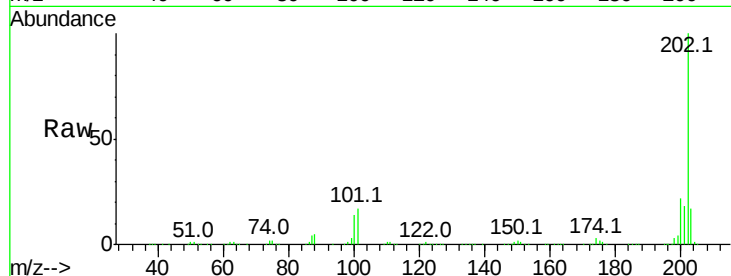




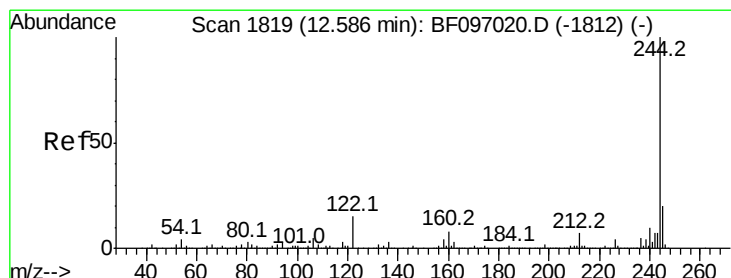
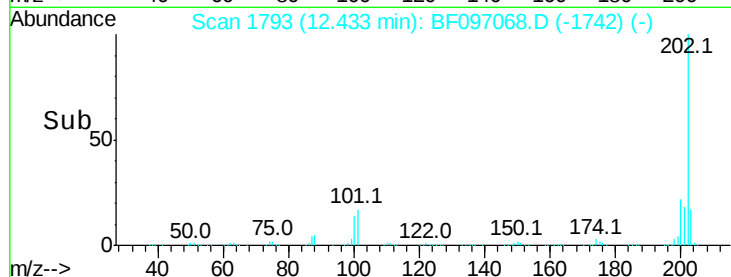
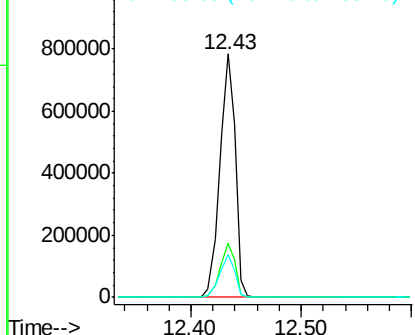
#77
 Pvrene
 Concen: 39.268 ng
 RT: 12.43 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 760813
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.6 26.4
 203 17.4 14.4 21.6

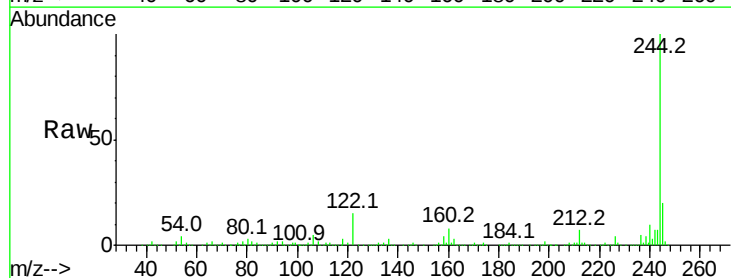


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

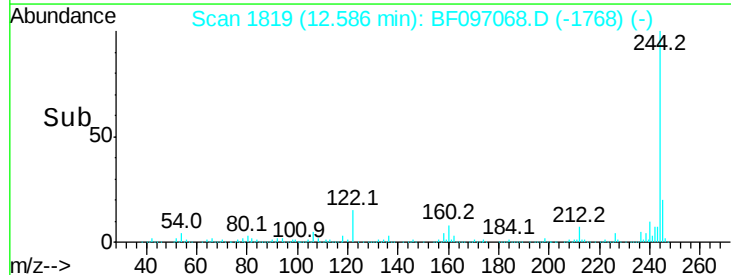
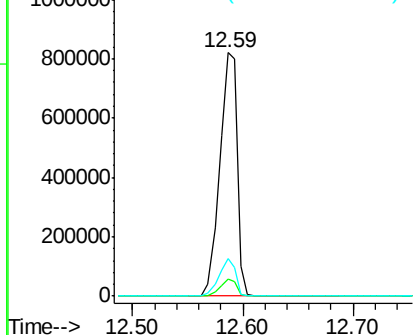


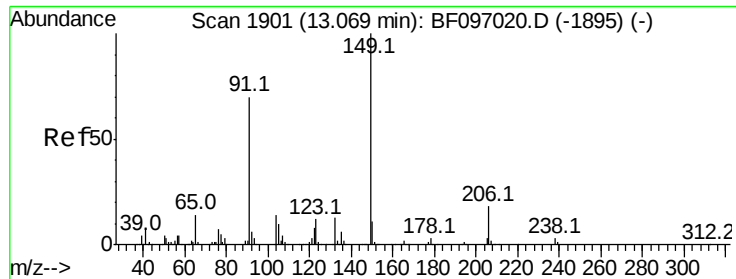
#78
 Terphenyl-d14
 Concen: 77.513 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion:244 Resp: 899750
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.3 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

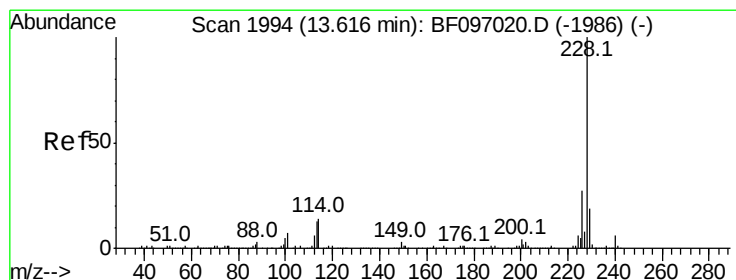
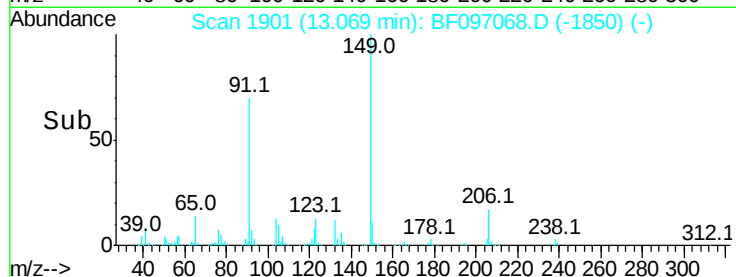
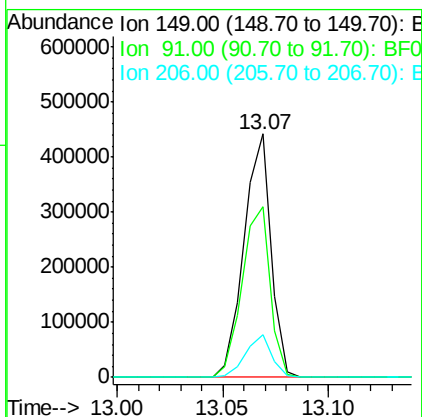
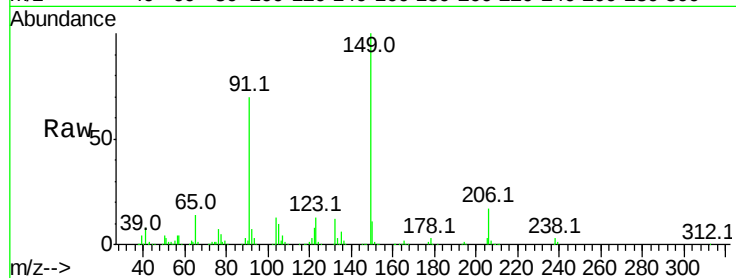




#79
Butylbenzylphthalate
Concen: 39.785 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

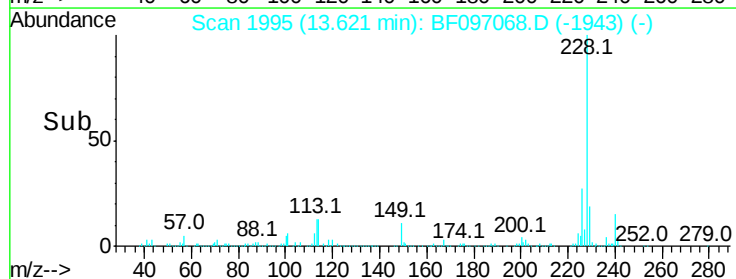
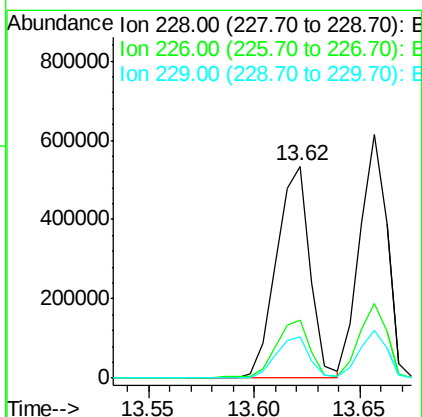
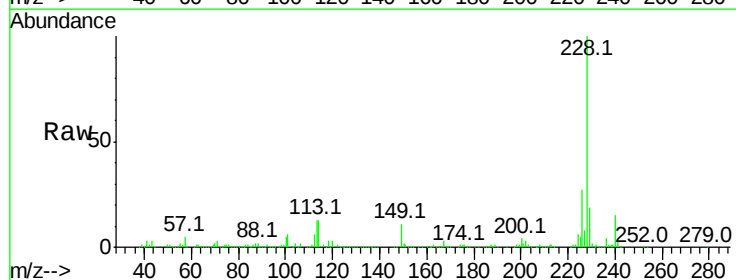
Instrument :
BNA_F
ClientSampleId :

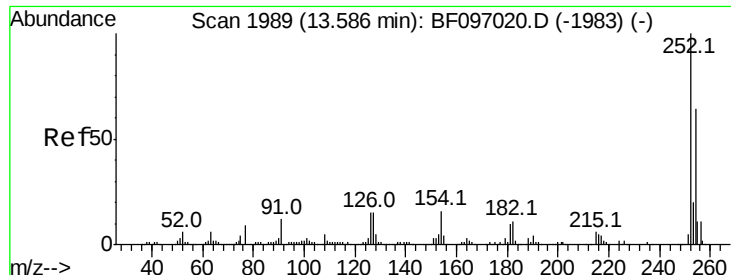
Tot Ion:149 Resp: 392103
Ion Ratio Lower Upper
149 100
91 70.1 45.0 67.4#
206 17.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.651 ng
RT: 13.62 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:228 Resp: 591873
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.5 16.3 24.5

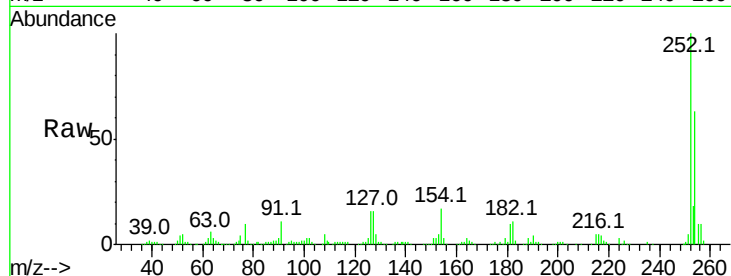




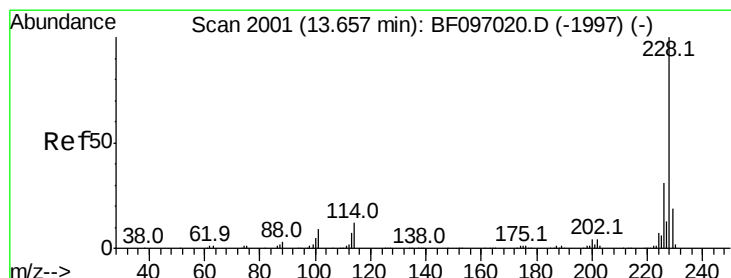
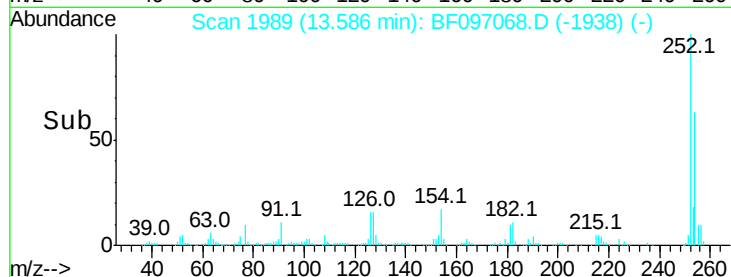
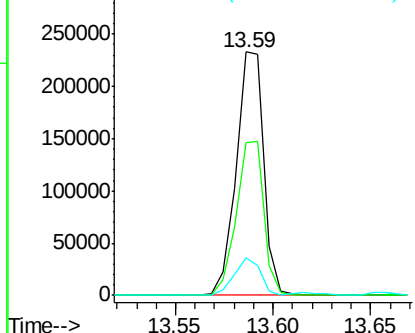
#81
 3,3'-Dichlorobenzidine
 Concen: 39.324 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	15.7	15.8	23.8#

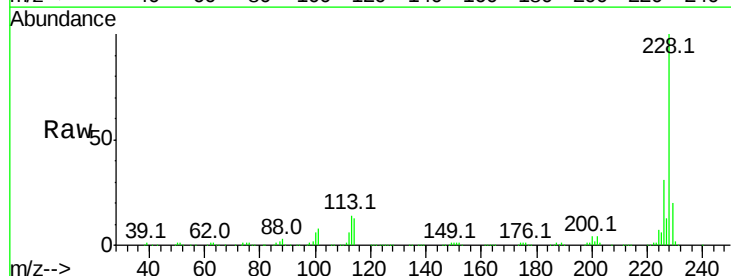


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

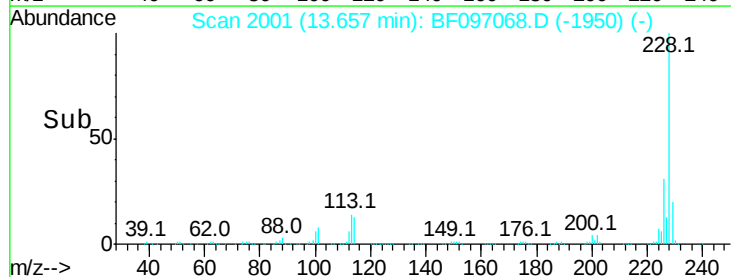
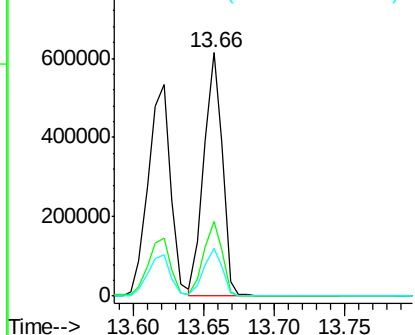


#82
 Chrysene
 Concen: 37.389 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.6	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.885 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

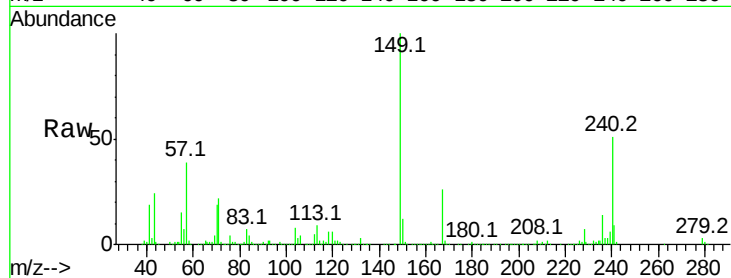
Tot Ion:149 Resp: 461773

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

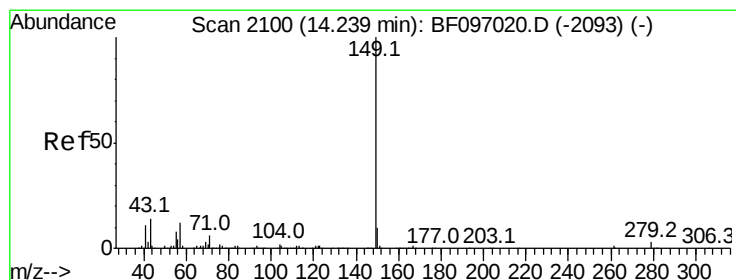
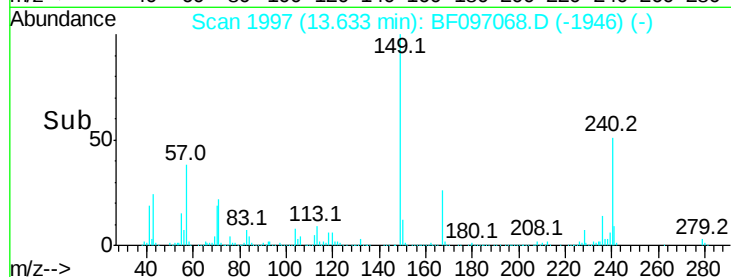
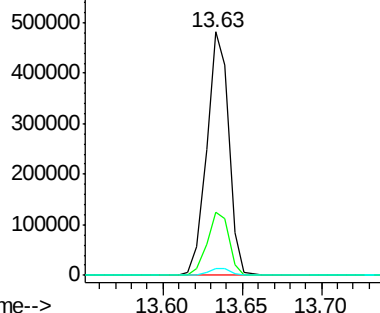
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.724 ng

RT: 14.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

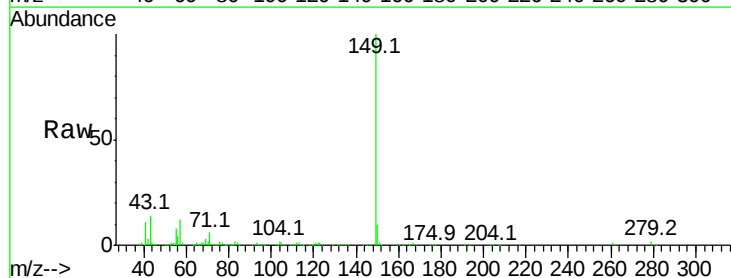
Tgt Ion:149 Resp: 867226

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

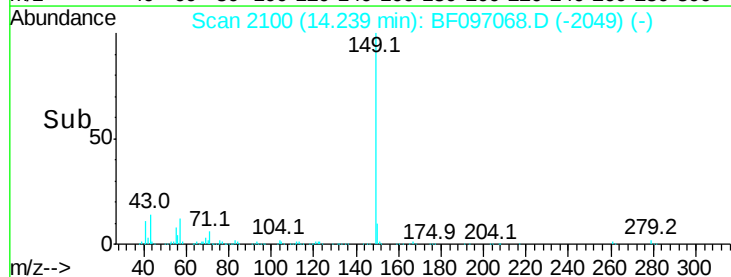
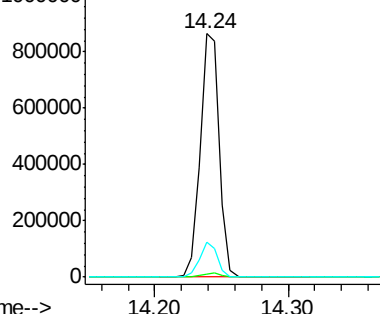
43 13.5 8.5 12.7#

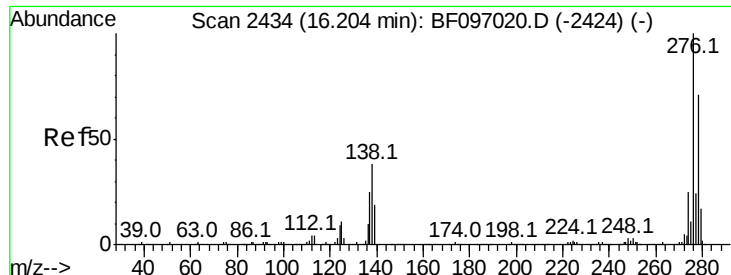


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

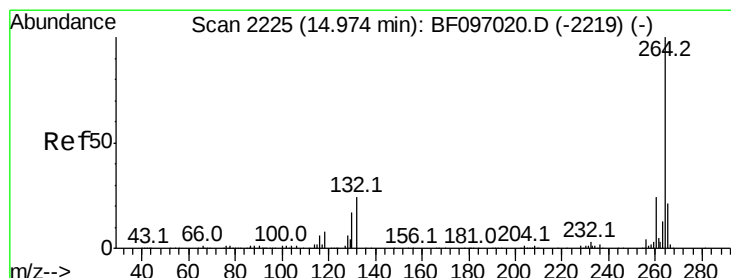
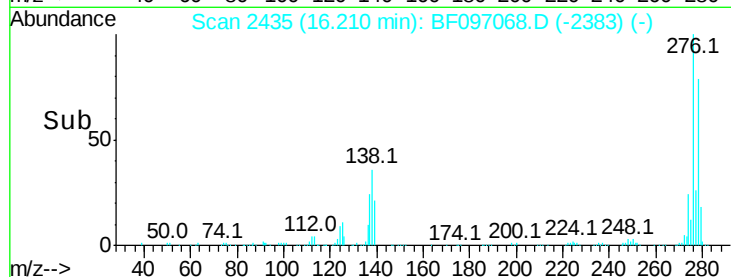
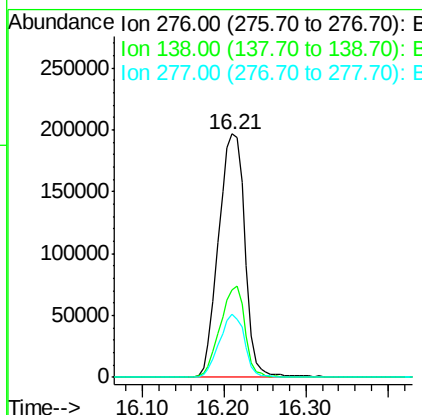
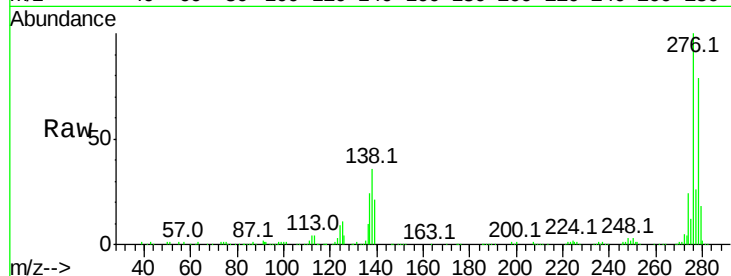




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.549 ng
 RT: 16.21 min Scan# 2435
 Delta R.T. 0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

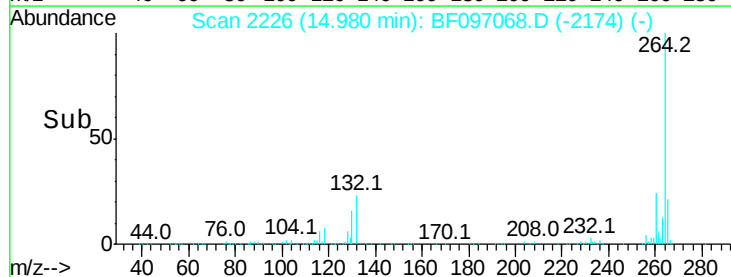
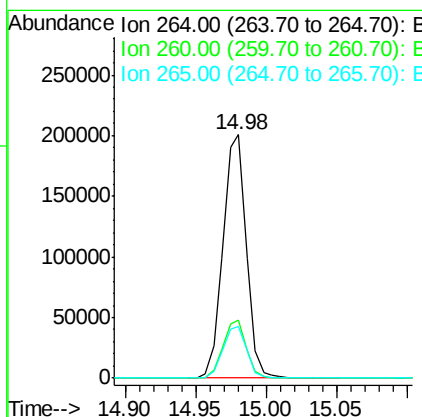
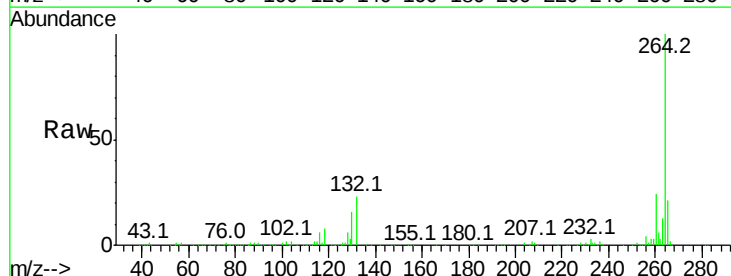
Instrument :
 BNA_F
 ClientSampleId :

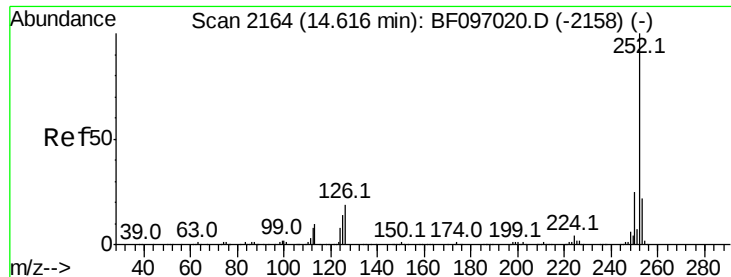
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF097068.D
 Acq: 26 Jul 2017 11:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	17.2	25.8

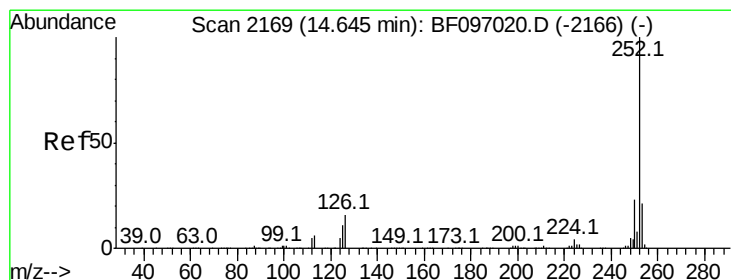
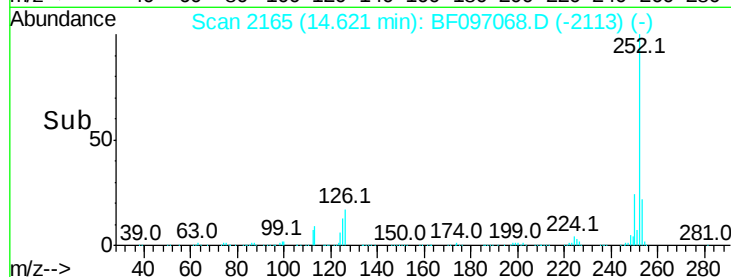
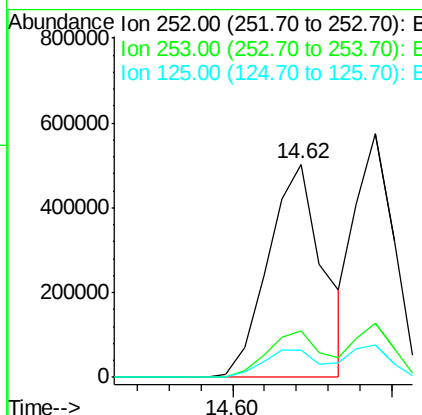
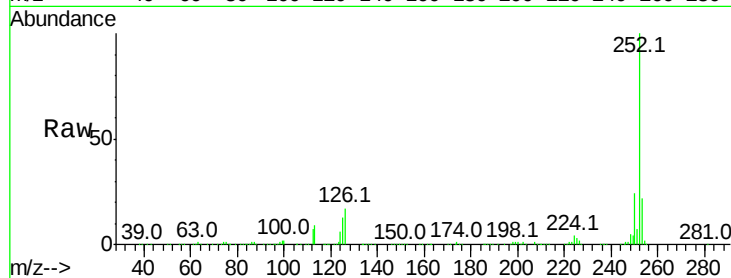




#87
Benzo(b)fluoranthene
Concen: 43.576 ng
RT: 14.62 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

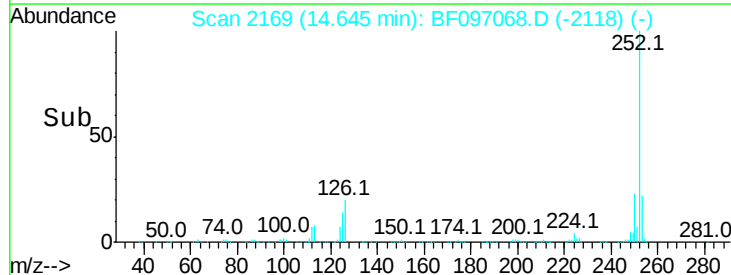
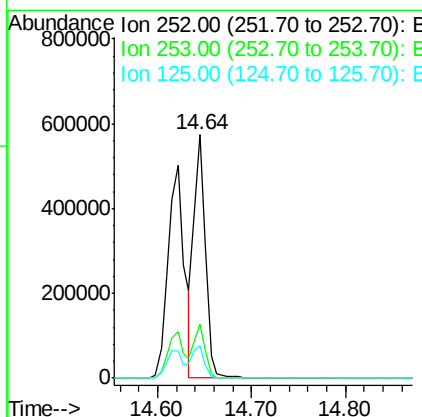
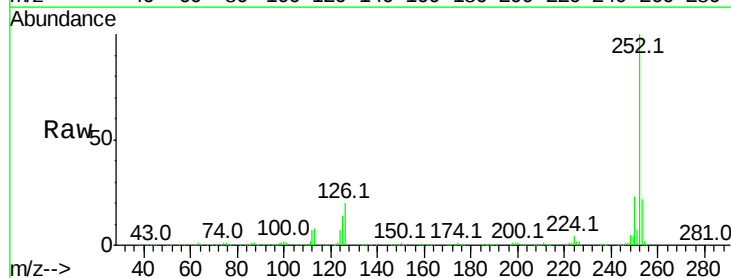
Instrument :
BNA_F
ClientSampleId :

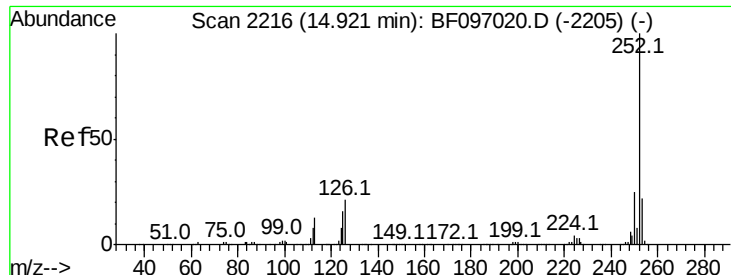
Tot Ion:252 Resp: 604406
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 37.273 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BF097068.D
Acq: 26 Jul 2017 11:42

Tgt Ion:252 Resp: 492645
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.5 13.1 19.7





#89

Benzo(a)pyrene

Concen: 39.591 ng

RT: 14.93 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :

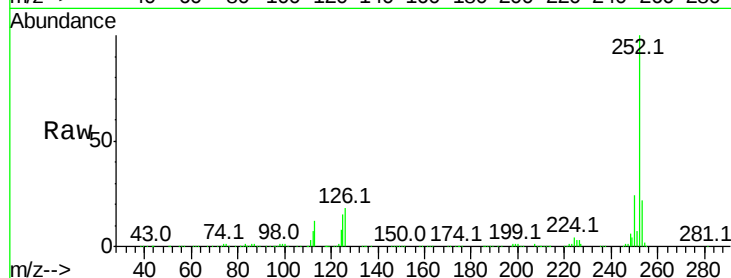
Tot Ion:252 Resp: 502587

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

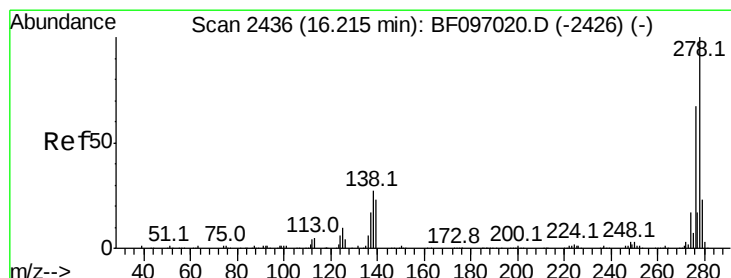
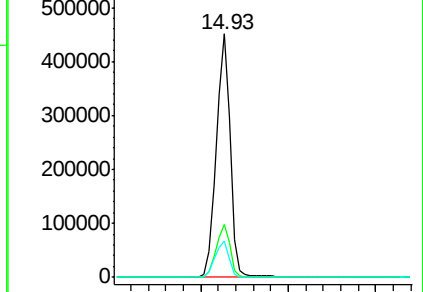
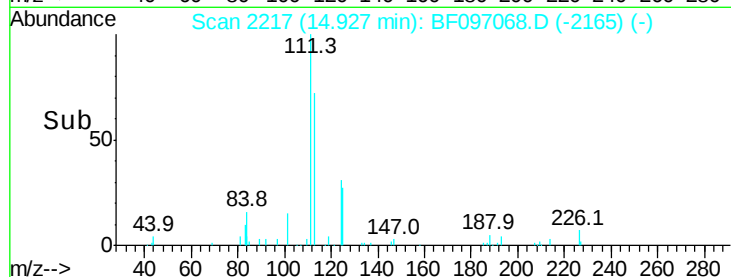
125 15.0 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 34.829 ng

RT: 16.22 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

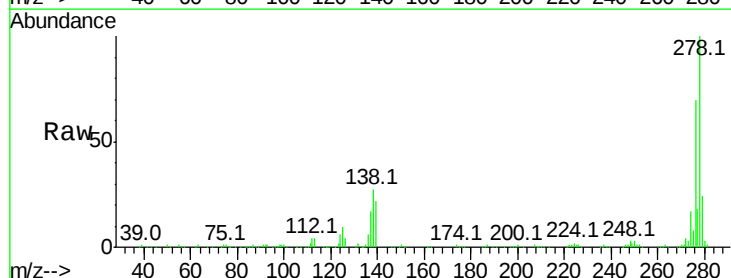
Tgt Ion:278 Resp: 362574

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

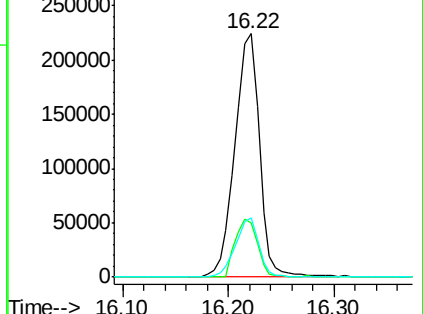
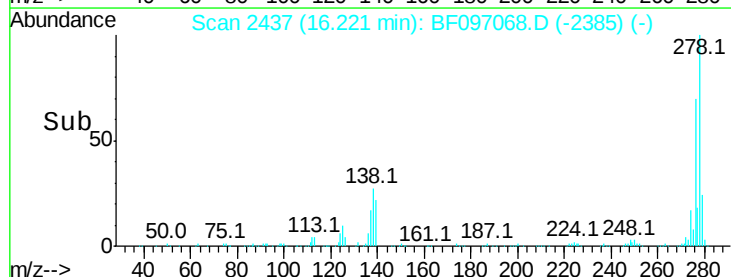
279 24.2 19.3 28.9

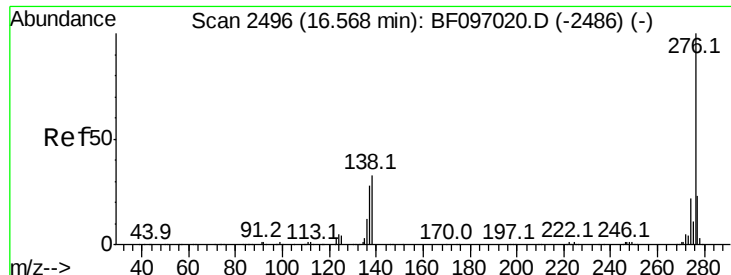


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.634 ng

RT: 16.57 min Scan# 2497

Delta R.T. 0.01 min

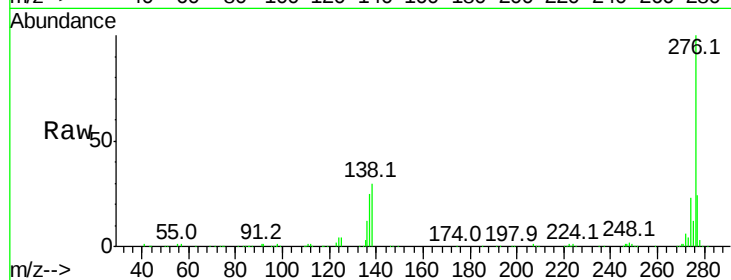
Lab File: BF097068.D

Acq: 26 Jul 2017 11:42

Instrument :

BNA_F

ClientSampleId :



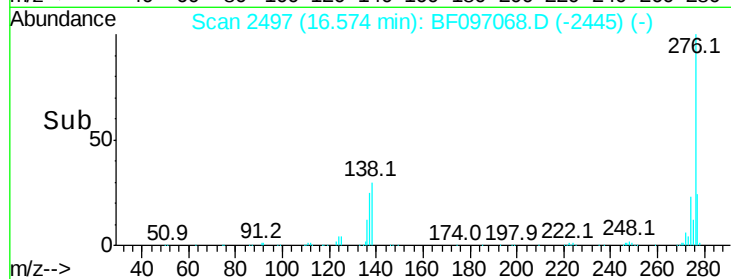
Tot Ion:276 Resp: 367176

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

