

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097739.D
 Acq On : 16 Aug 2017 15:22
 Operator : SJ/JU
 Sample : PB101499BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Quant Time: Aug 17 01:20:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142354	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	574796	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	271633	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	529055	20.00	ng	0.00
75) Chrysene-d12	13.93	240	327107	20.00	ng	0.00
86) Perylene-d12	15.36	264	255104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1123726	120.07	ng	0.01
7) Phenol-d6	6.42	99	1514042	119.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	947918	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	332359	141.02	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1498377	81.04	ng	0.00
78) Terphenyl-d14	12.89	244	1293757	82.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	168998	32.38	ng	91
3) Pyridine	3.29	79	489759	33.94	ng	88
4) n-Nitrosodimethylamine	3.24	42	195939	35.29	ng	81
6) Aniline	6.45	93	294904	16.51	ng	96
8) 2-Chlorophenol	6.57	128	373168	37.81	ng	98
9) Benzaldehyde	6.33	77	159115	19.76	ng	87
10) Phenol	6.43	94	529304	35.59	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	413154	36.81	ng	96
12) 1,3-Dichlorobenzene	6.72	146	372268	35.07	ng	# 94
13) 1,4-Dichlorobenzene	6.80	146	376911	34.91	ng	94
14) 1,2-Dichlorobenzene	6.95	146	351669	35.32	ng	99
15) Benzyl Alcohol	6.92	79	385961	40.54	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	569885	37.73	ng	93
17) 2-Methylphenol	7.03	107	347653	39.97	ng	96
18) Hexachloroethane	7.29	117	154538	36.51	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	317675	36.49	ng	90
20) 3+4-Methylphenols	7.19	107	419121	39.45	ng	97
22) Acetophenone	7.19	105	560277	36.90	ng	# 89
24) Nitrobenzene	7.36	77	479699	40.72	ng	94
25) Isophorone	7.60	82	884675	40.21	ng	97
26) 2-Nitrophenol	7.68	139	188693	44.62	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	354424	38.63	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	553821	38.29	ng	99
29) 2,4-Dichlorophenol	7.92	162	307828	40.41	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	307634	36.43	ng	100
31) Naphthalene	8.09	128	1095008	36.70	ng	100
32) Benzoic acid	7.84	122	254935	39.45	ng	90
33) 4-Chloroaniline	8.13	127	135044	10.73	ng	97
34) Hexachlorobutadiene	8.20	225	178451	36.20	ng	97
35) Caprolactam	8.51	113	77428	29.90	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	391762	40.03	ng	# 77
37) 2-Methylnaphthalene	8.77	142	730061	39.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	289249	34.70	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	346083	86.42	ng	98

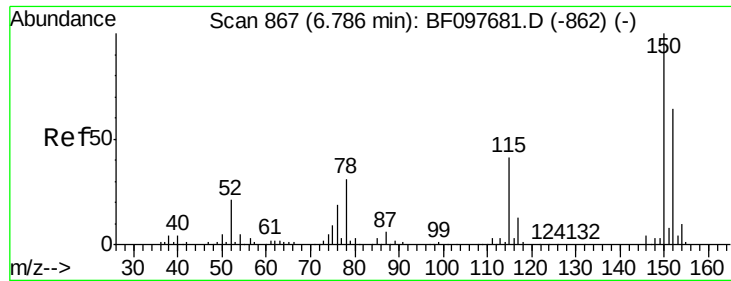
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	219419	39.20	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	226976	40.88	nq	96
45) 1,1'-Biphenyl	9.24	154	871162	35.17	nq	96
46) 2-Chloronaphthalene	9.26	162	644035	35.19	nq	# 92
47) 2-Nitroaniline	9.36	65	258977	42.21	nq	93
48) Acenaphthylene	9.68	152	1072590	37.32	nq	99
49) Dimethylphthalate	9.55	163	790859	39.83	nq	100
50) 2,6-Dinitrotoluene	9.60	165	168527	42.52	nq	# 57
51) Acenaphthene	9.85	154	666002	36.74	nq	99
52) 3-Nitroaniline	9.77	138	89545	17.51	nq	89
53) 2,4-Dinitrophenol	9.87	184	166091	87.07	nq	# 78
54) Dibenzofuran	10.03	168	963191	39.65	nq	99
55) 4-Nitrophenol	9.93	139	317578	77.85	nq	# 38
56) 2,4-Dinitrotoluene	10.01	165	228808	46.00	nq	# 59
57) Fluorene	10.37	166	715396	38.09	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	191049	44.44	nq	95
59) Diethylphthalate	10.25	149	847710	40.83	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	337089	38.63	nq	# 85
61) 4-Nitroaniline	10.39	138	179385	36.91	nq	# 74
62) Azobenzene	10.52	77	1014919	41.15	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	107616	44.00	nq	92
65) n-Nitrosodiphenylamine	10.48	169	673388	37.38	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	215177	39.17	nq	95
67) Hexachlorobenzene	10.91	284	205760	36.74	nq	# 85
68) Atrazine	11.01	200	207964	43.53	nq	97
69) Pentachlorophenol	11.10	266	253414	77.62	nq	99
70) Phenanthrene	11.33	178	1048397	37.19	nq	100
71) Anthracene	11.38	178	1089127	38.09	nq	99
72) Carbazole	11.53	167	1005785	37.06	nq	98
73) Di-n-butylphthalate	11.87	149	1335679	42.72	nq	99
74) Fluoranthene	12.51	202	1086417	36.92	nq	98
76) Benzidine	12.63	184	308293	28.74	nq	# 92
77) Pyrene	12.74	202	1099347	41.09	nq	98
79) Butylbenzylphthalate	13.37	149	529057	51.58	nq	# 76
80) Benzo(a)anthracene	13.92	228	740883	37.79	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	148421	22.44	nq	# 97
82) Chrysene	13.96	228	723942	37.12	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	657194	57.82	nq	# 99
84) Di-n-octyl phthalate	14.54	149	1100501	55.65	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	628921	43.84	nq	94
87) Benzo(b)fluoranthene	14.95	252	621209	38.63	nq	100
88) Benzo(k)fluoranthene	14.98	252	530189	35.10	nq	# 95
89) Benzo(a)pyrene	15.30	252	555786	39.04	nq	98
90) Dibenzo(a,h)anthracene	16.78	278	517105	44.62	nq	98
91) Benzo(g,h,i)perylene	17.19	276	542695	44.88	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

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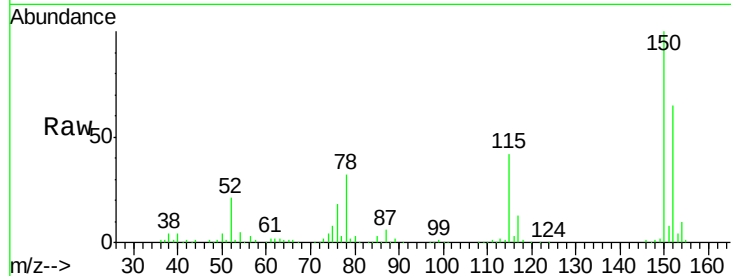
Tot Ion:152 Resp: 142354

Ion Ratio Lower Upper

152 100

150 153.4 126.2 189.2

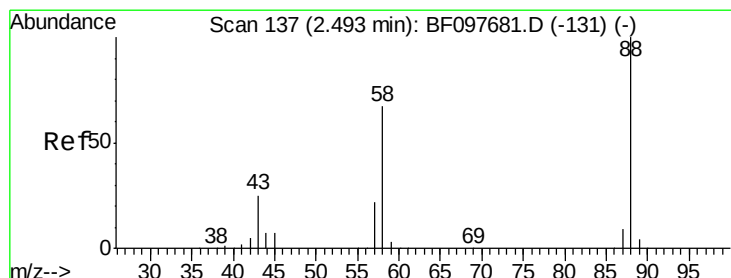
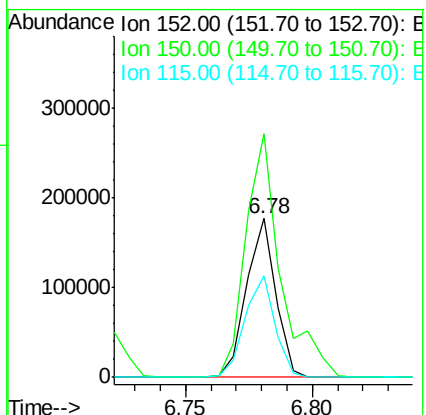
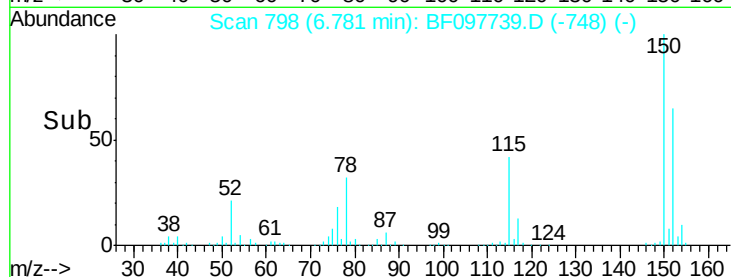
115 64.0 52.2 78.2



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: 32.38 ng

RT: 2.58 min Scan# 83

Delta R.T. 0.08 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

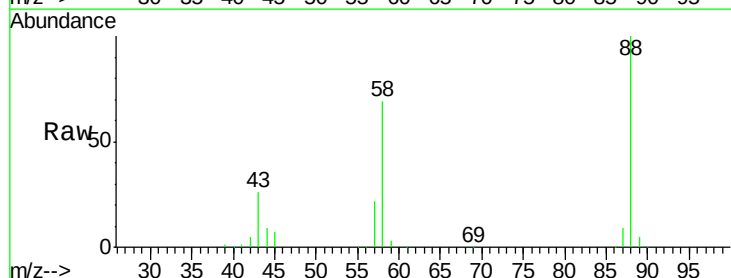
Tgt Ion: 88 Resp: 168998

Ion Ratio Lower Upper

88 100

58 68.4 61.4 92.0

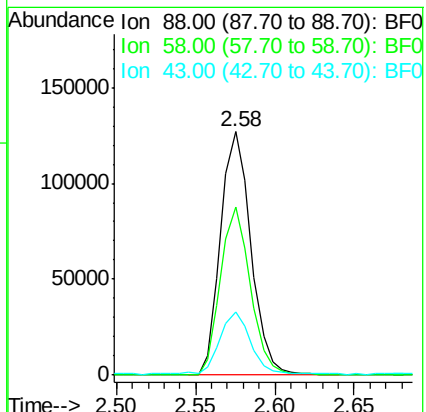
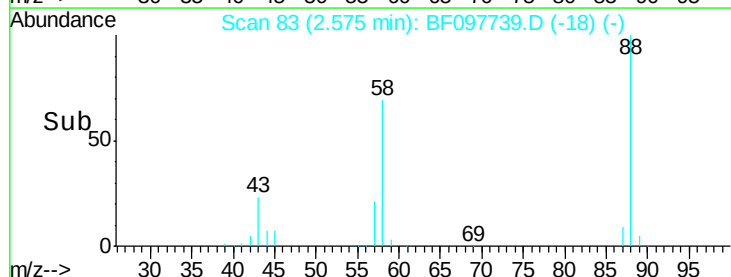
43 25.9 23.4 35.0

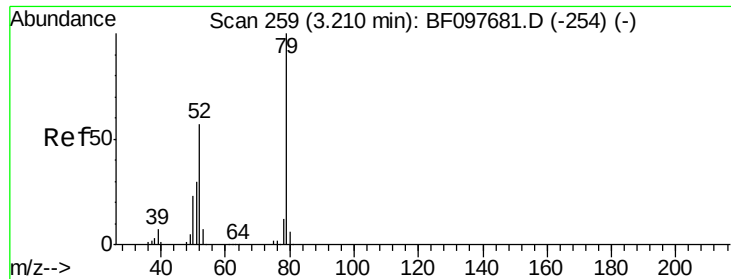


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.94 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

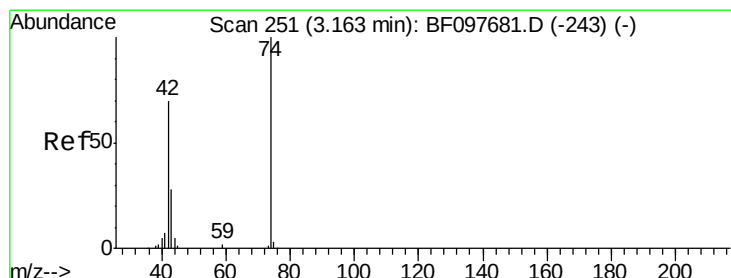
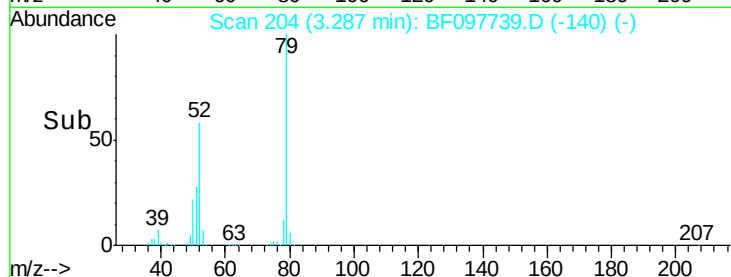
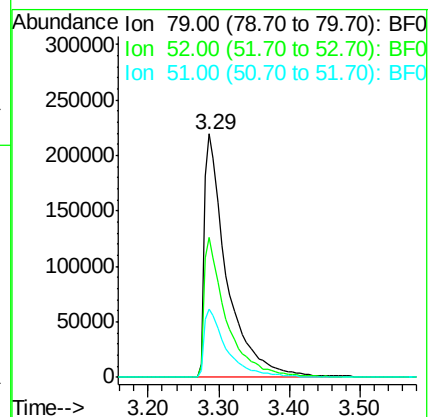
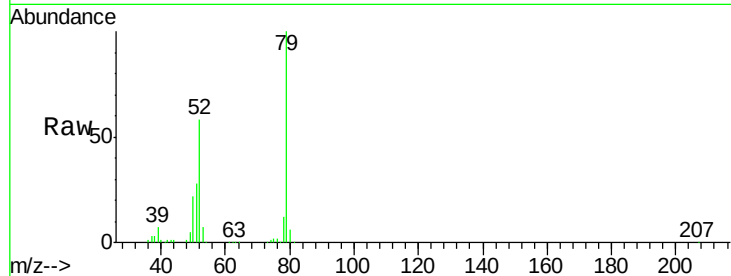
Tot Ion: 79 Resp: 489759

Ion Ratio Lower Upper

79 100

52 57.6 54.8 82.2

51 27.9 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 35.29 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.08 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

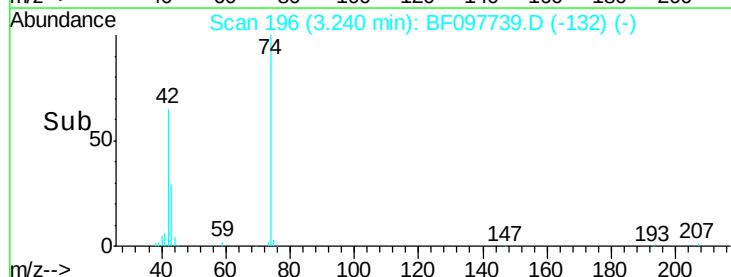
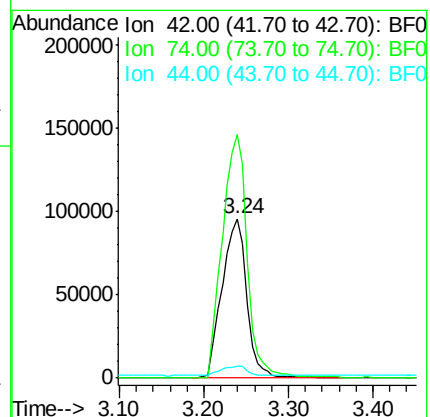
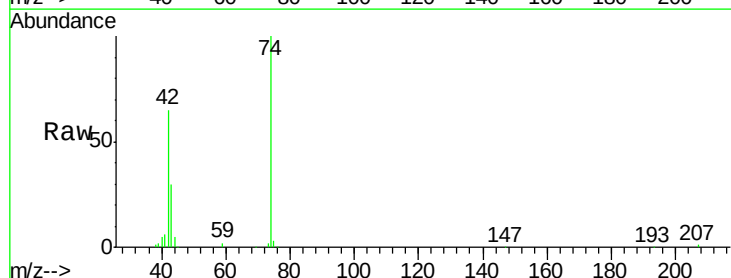
Tgt Ion: 42 Resp: 195939

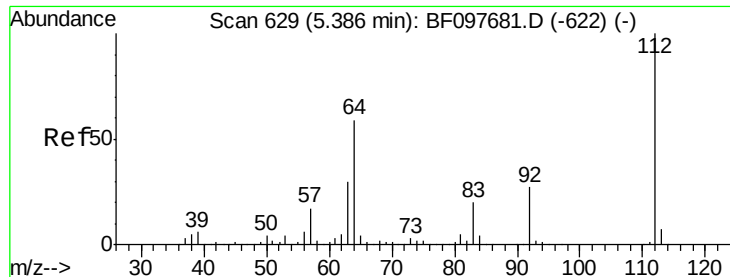
Ion Ratio Lower Upper

42 100

74 152.9 103.9 155.9

44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 120.07 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

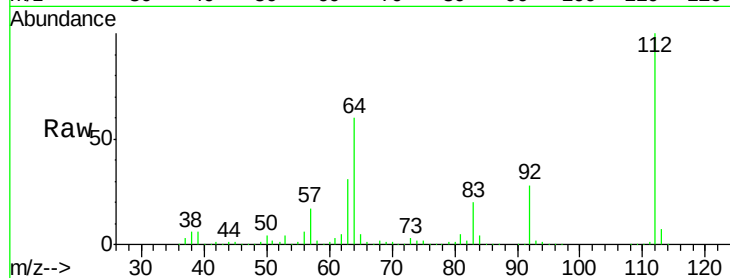
Tot Ion:112 Resp: 1123726

Ion Ratio Lower Upper

112 100

64 60.0 46.0 69.0

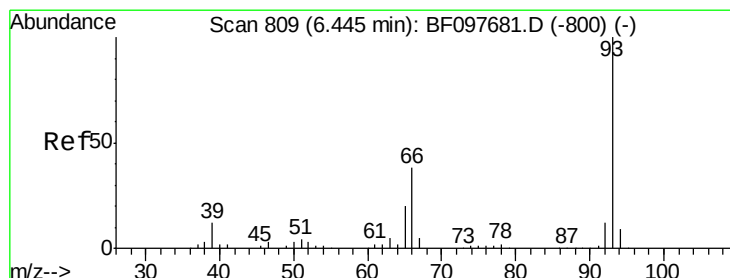
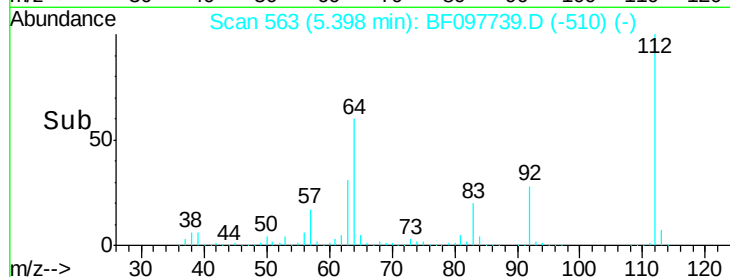
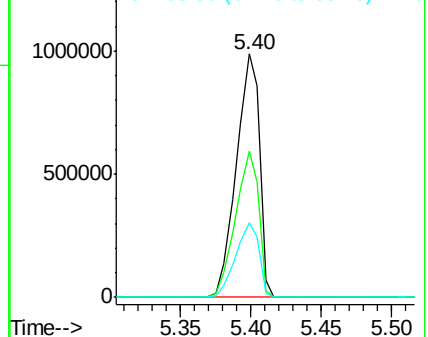
63 30.6 23.4 35.0



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: 16.51 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

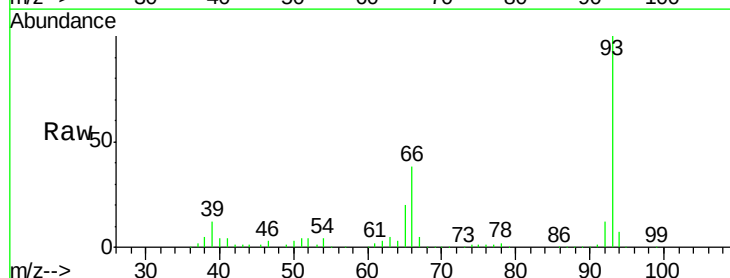
Tgt Ion: 93 Resp: 294904

Ion Ratio Lower Upper

93 100

66 37.7 32.9 49.3

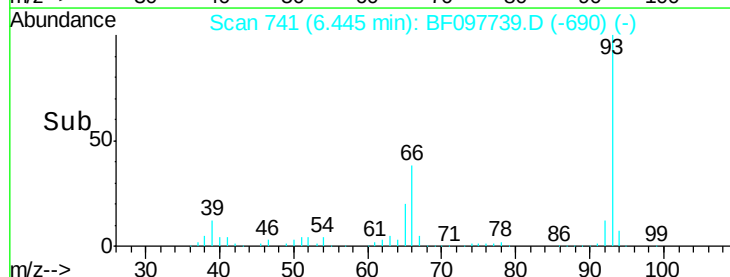
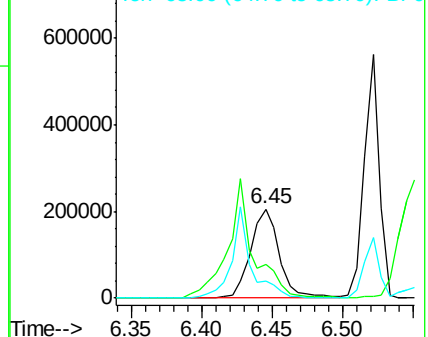
65 19.6 16.0 24.0

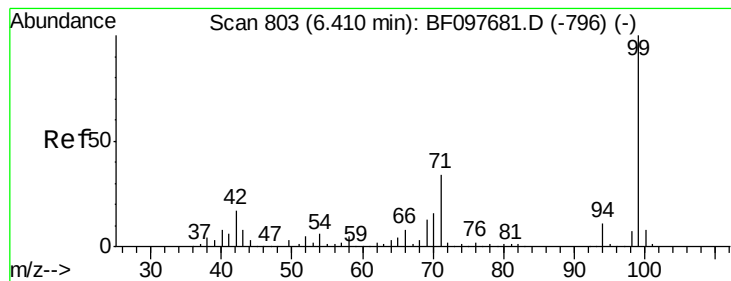


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.07 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

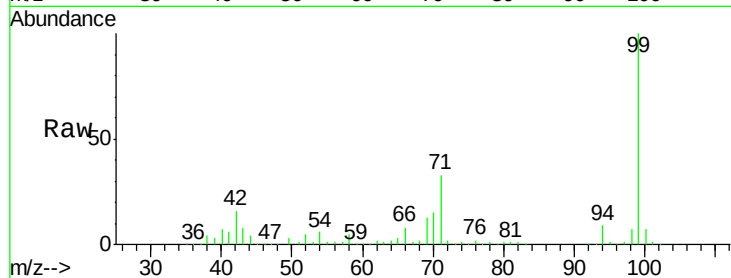
BNA_F

ClientSampleId :

PB101499BS

Tot Ion: 99 Resp: 1514042

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	33.1	24.5	36.7

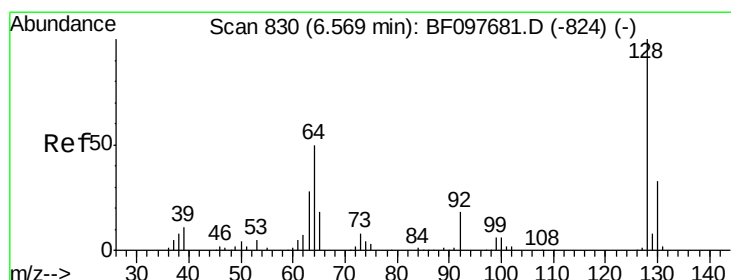
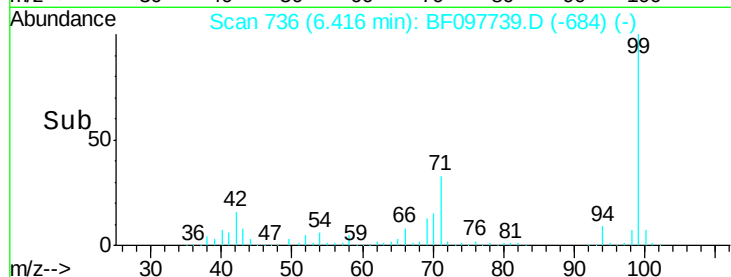
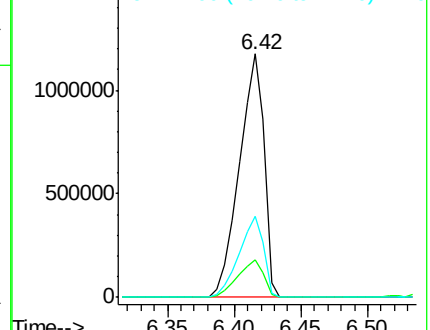


Abundance

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: 37.81 ng

RT: 6.57 min Scan# 762

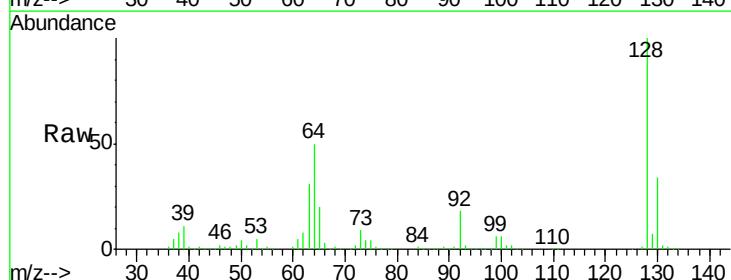
Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion: 128 Resp: 373168

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.9	52.9
64	49.7	28.4	68.4

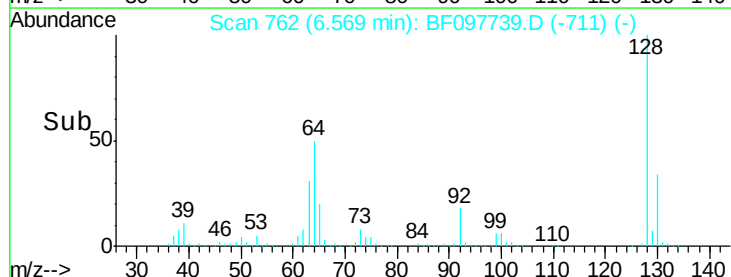
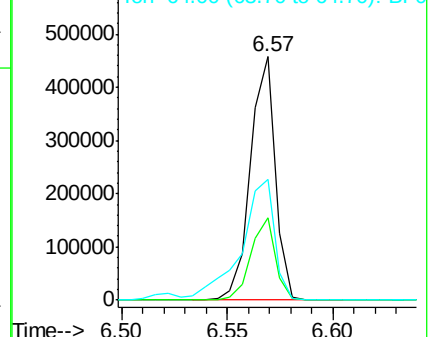


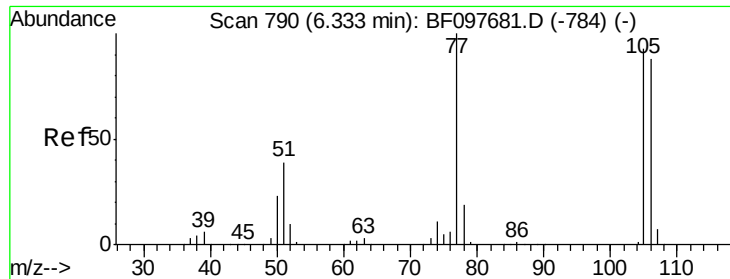
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

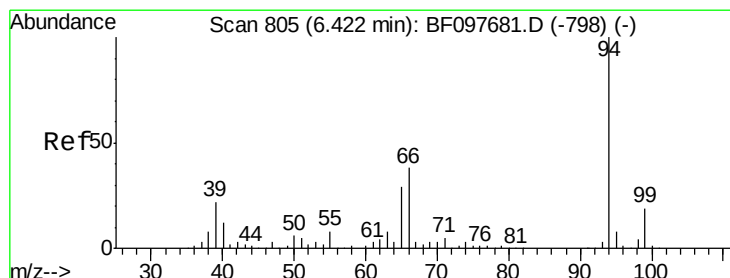
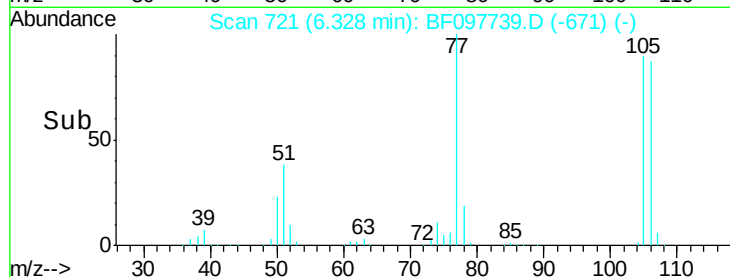
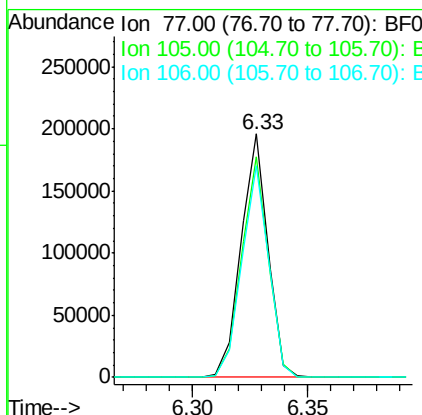
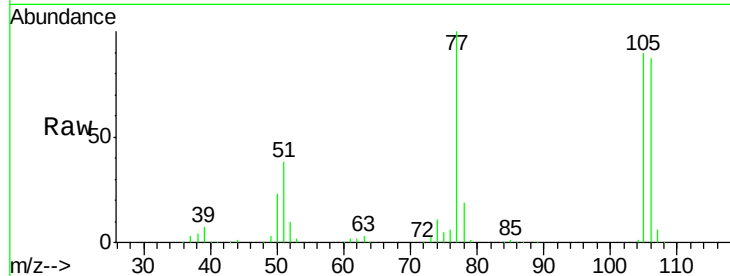




#9
Benzaldehyde
Concen: 19.76 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

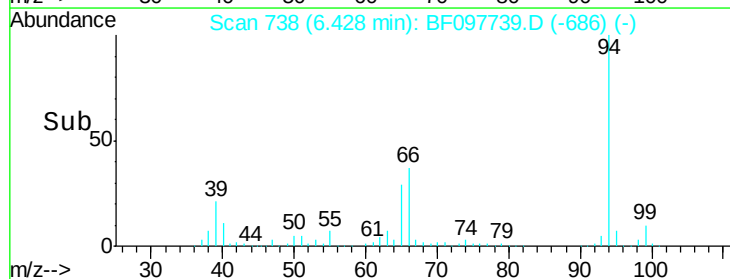
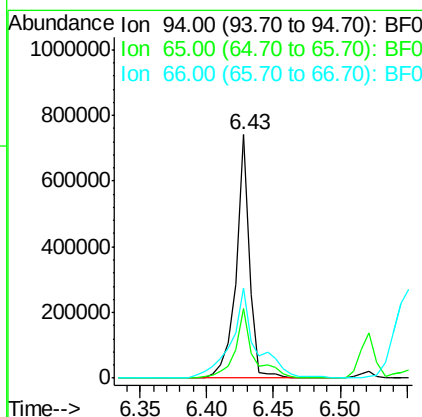
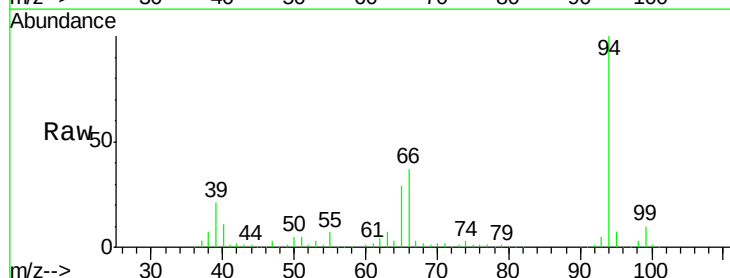
Instrument :
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PB101499BS

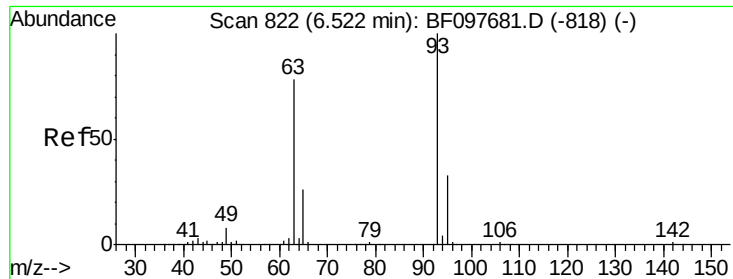
Tot Ion: 77 Resp: 159115
Ion Ratio Lower Upper
77 100
105 90.4 83.8 123.8
106 86.7 79.1 119.1



#10
Phenol
Concen: 35.59 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion: 94 Resp: 529304
Ion Ratio Lower Upper
94 100
65 28.6 9.9 49.9
66 37.0 23.1 63.1

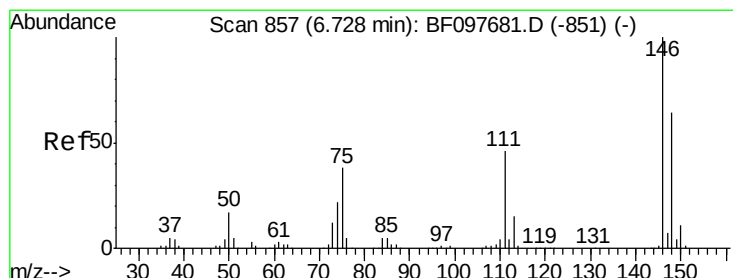
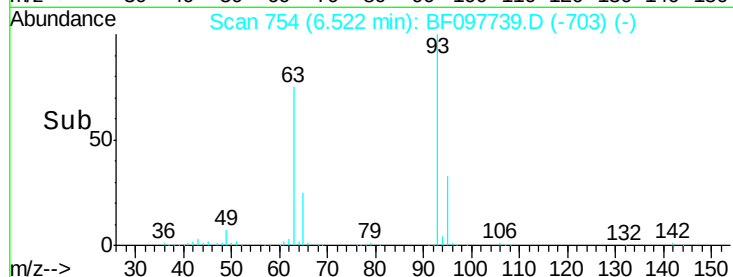
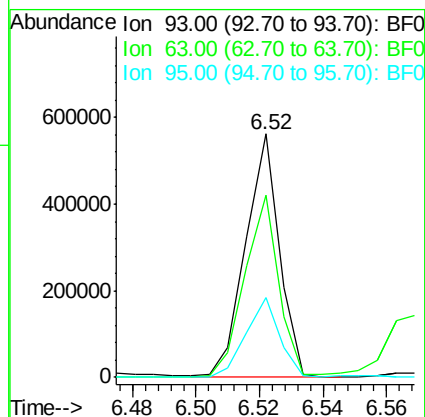
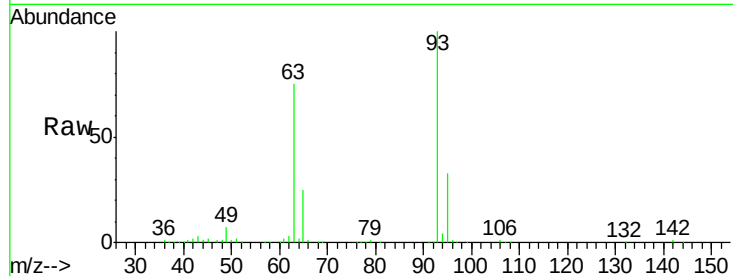




#11
bis(2-Chloroethyl)ether
Concen: 36.81 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

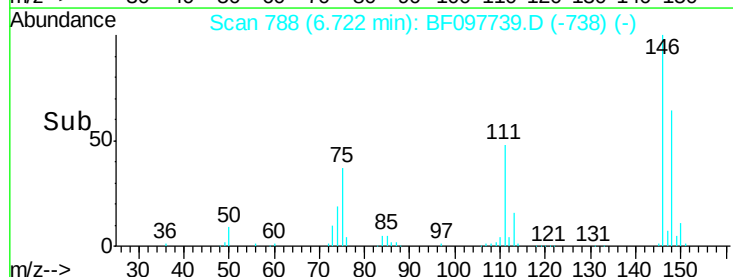
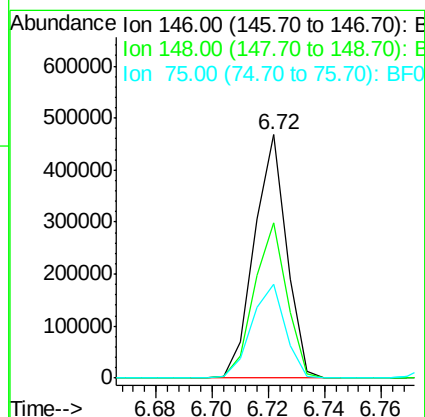
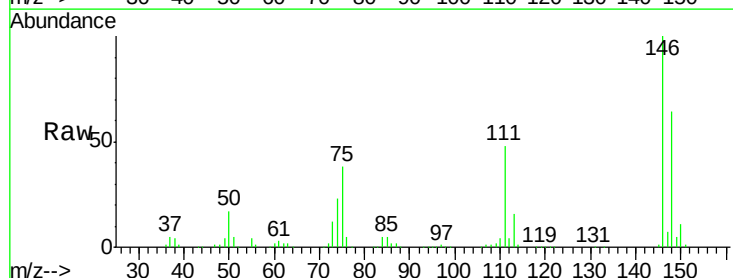
Instrument :
BNA_F
ClientSampleId :
PB101499BS

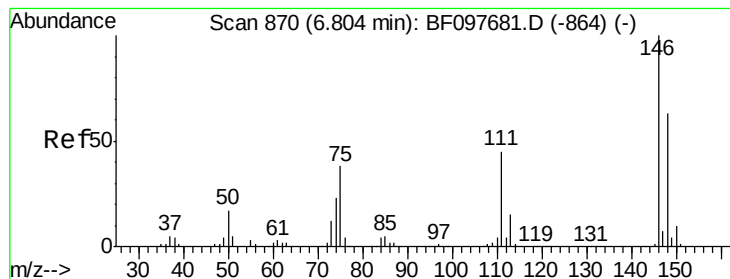
Tot Ion: 93 Resp: 413154
Ion Ratio Lower Upper
93 100
63 74.8 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.07 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion: 146 Resp: 372268
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 38.4 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 34.91 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

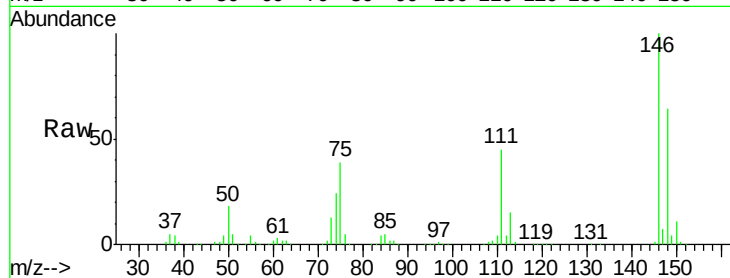
Tot Ion:146 Resp: 376911

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

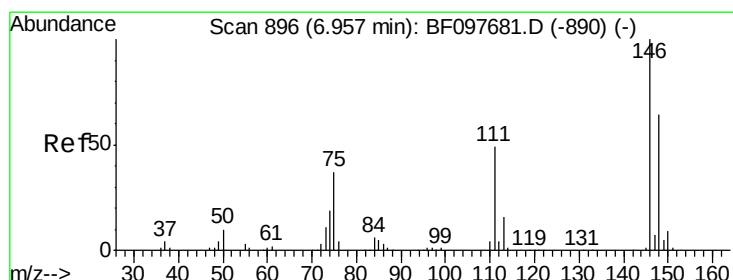
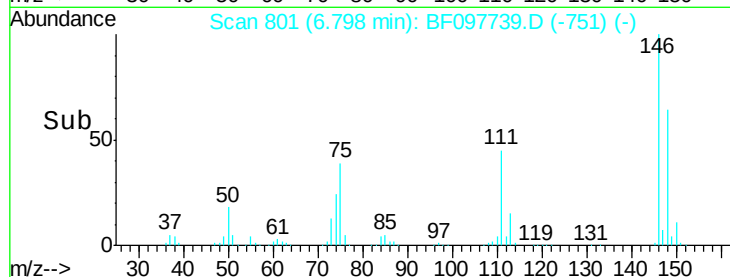
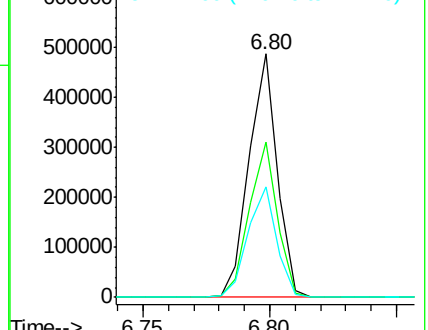
111 45.4 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.32 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

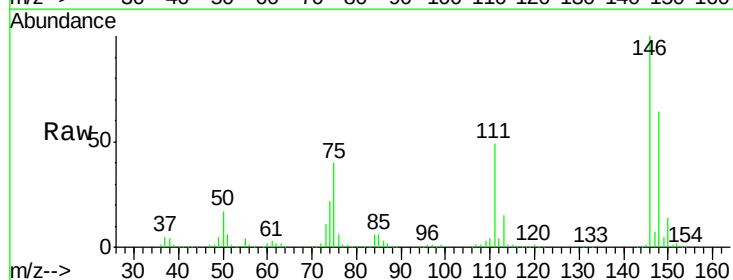
Tgt Ion:146 Resp: 351669

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

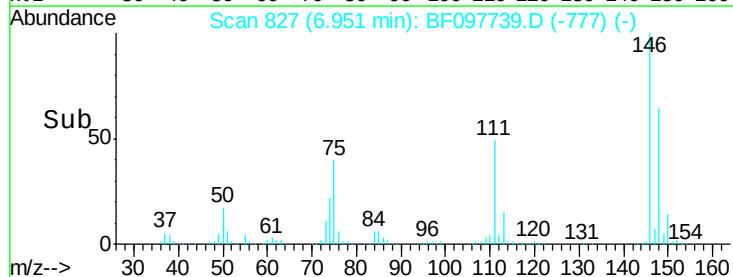
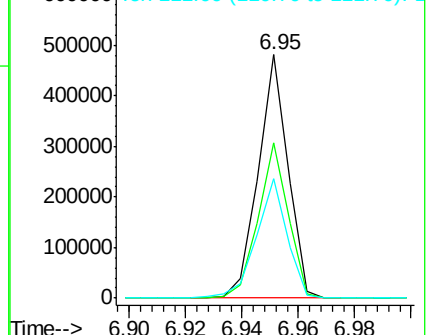
111 48.9 38.2 57.4

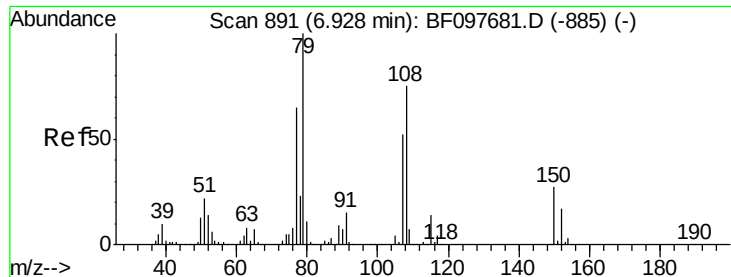


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.54 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleID :

PB101499BS

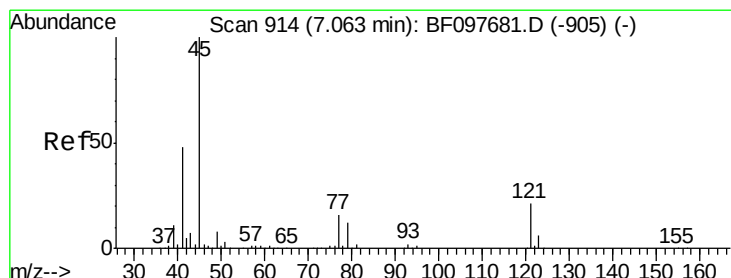
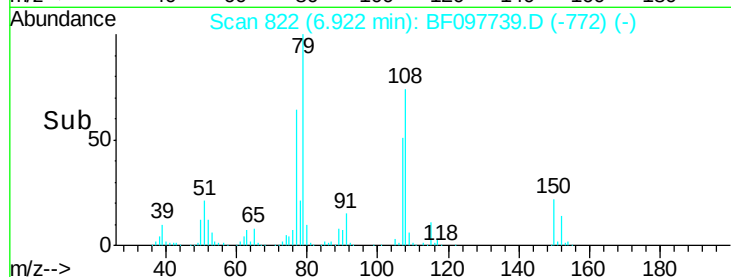
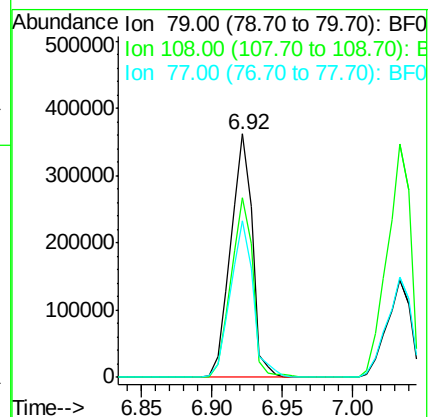
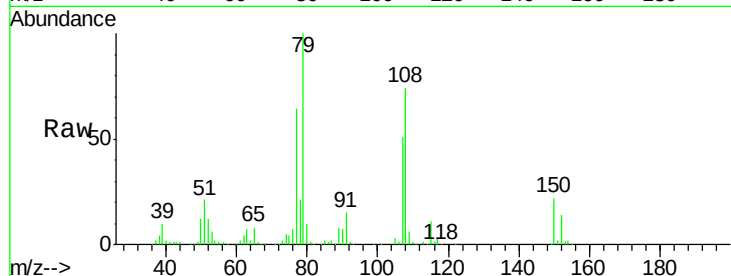
Tot Ion: 79 Resp: 385961

Ion Ratio Lower Upper

79 100

108 73.8 63.4 95.0

77 64.1 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.73 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

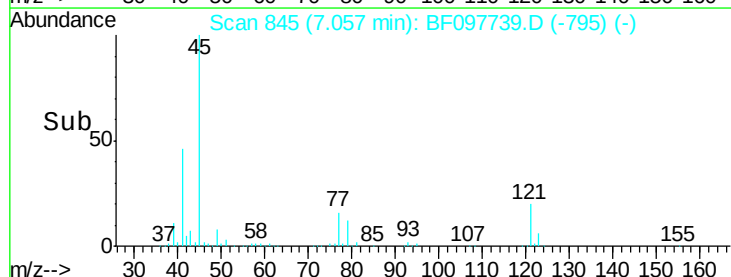
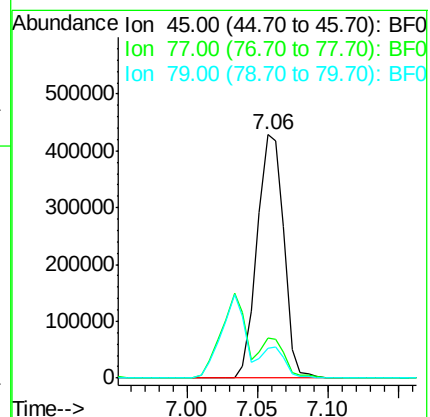
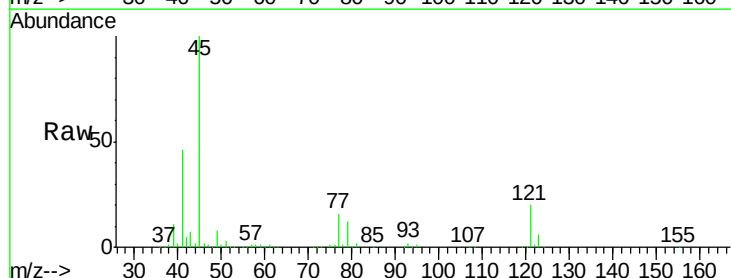
Tgt Ion: 45 Resp: 569885

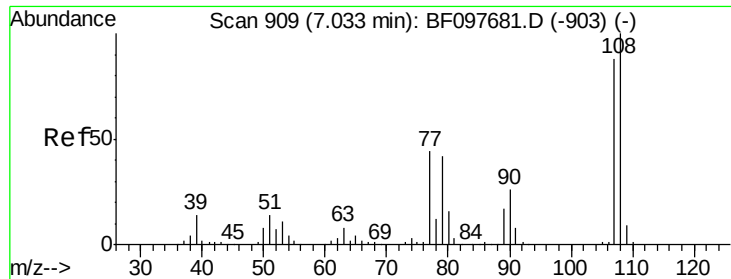
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.2

79 12.2 0.0 30.0

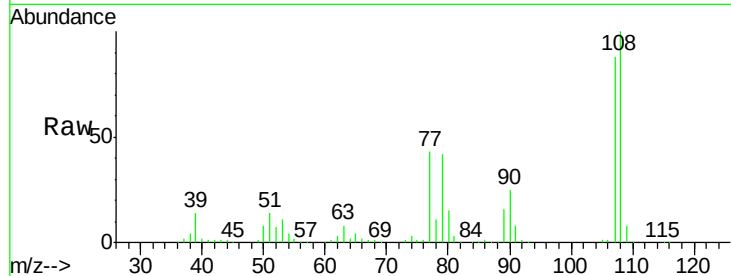




#17
2-Methylphenol
Concen: 39.97 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion:	107	Resp:	347653
Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.4	140.0
77	49.0	35.8	53.6
79	47.7	34.8	52.2



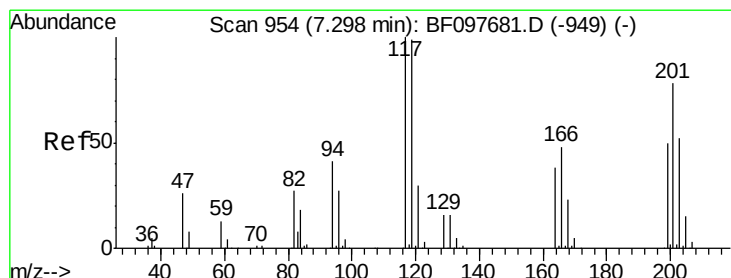
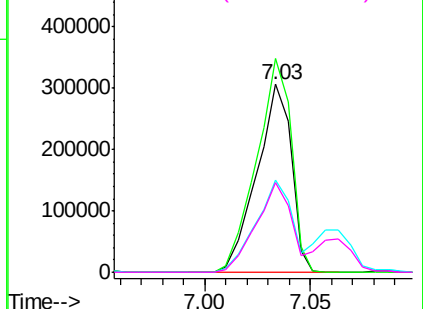
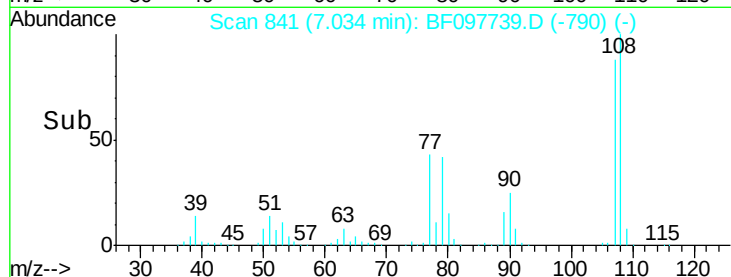
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

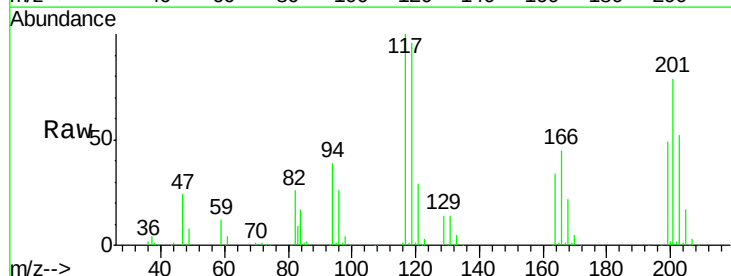
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 36.51 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:	117	Resp:	154538
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	78.7	94.6	141.8#

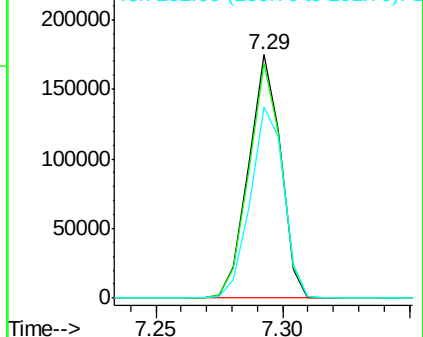
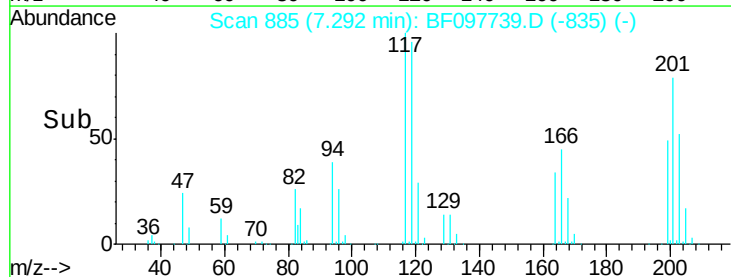


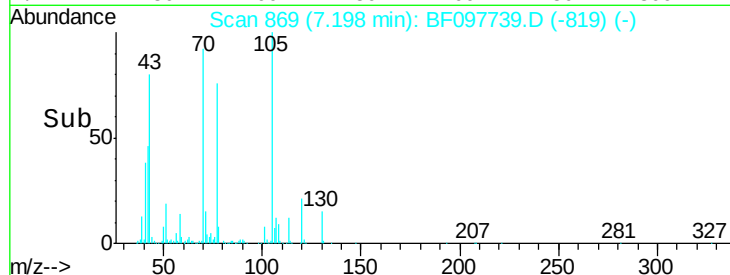
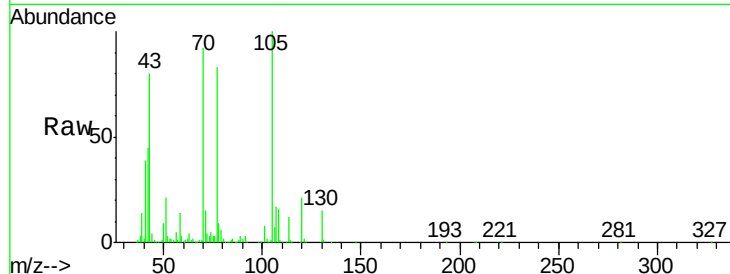
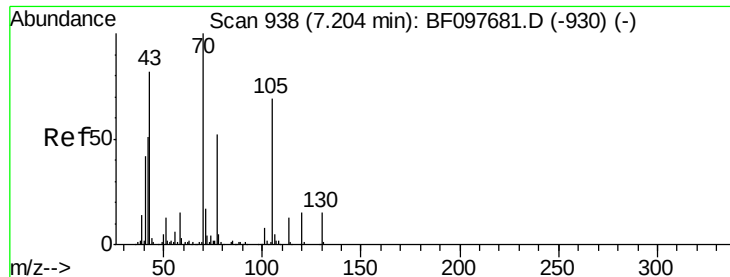
Abundance

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

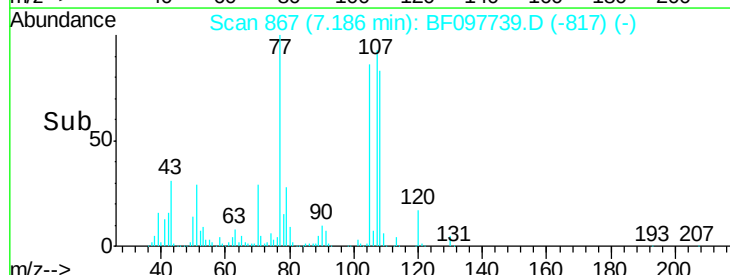
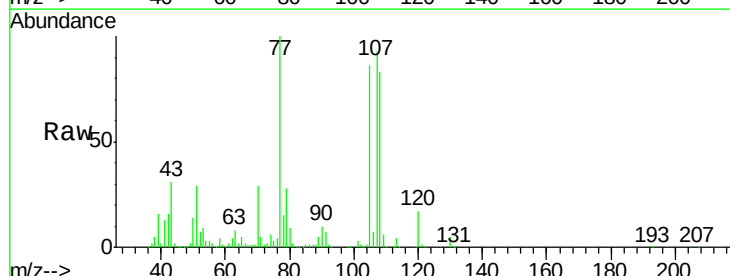
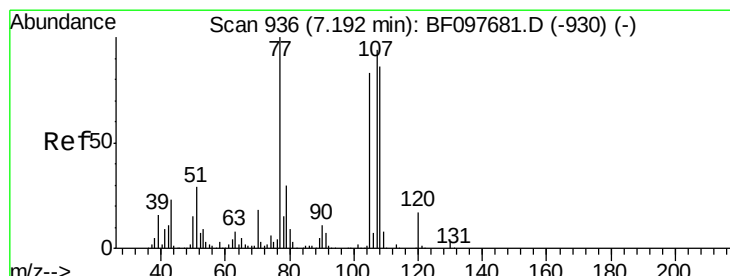
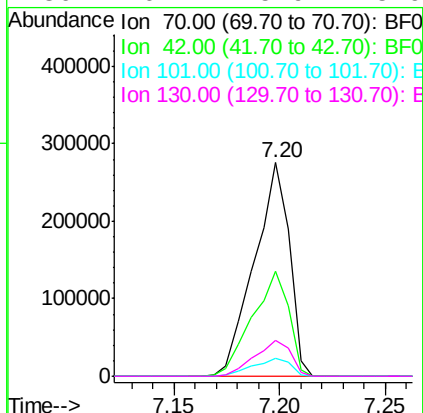




#19
n-Nitroso-di-n-propylamine
Concen: 36.49 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

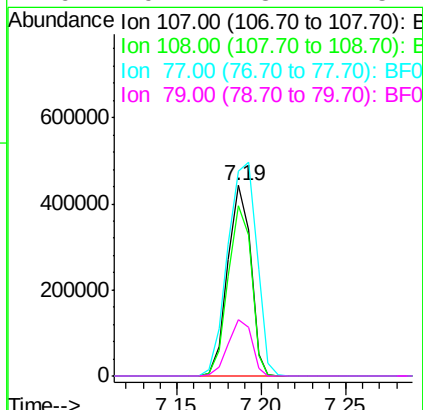
Instrument :
BNA_F
ClientSampleId :
PB101499BS

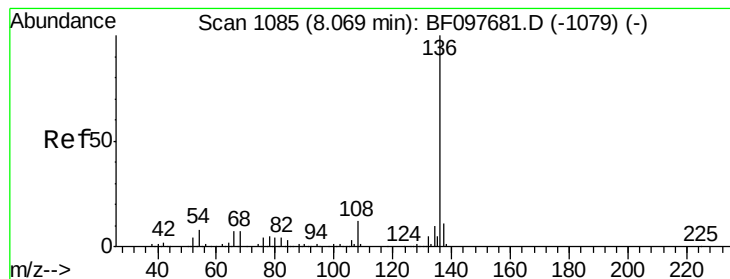
Tot Ion:	70	Resp:	317675
Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.2	70.8
101	8.4	7.2	10.8
130	16.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.45 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:	107	Resp:	419121
Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.0	111.0
77	107.2	90.5	130.5
79	29.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

Tot Ion:136 Resp: 574796

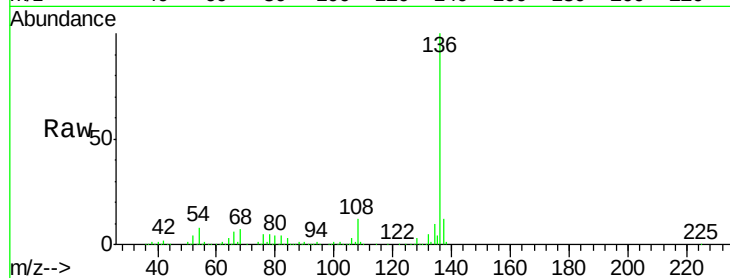
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 8.2 4.9 7.3#

68 7.2 4.1 6.1#

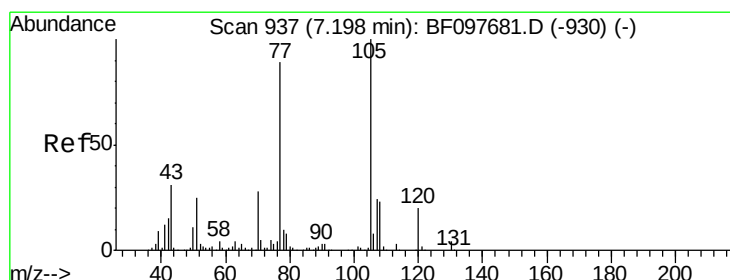
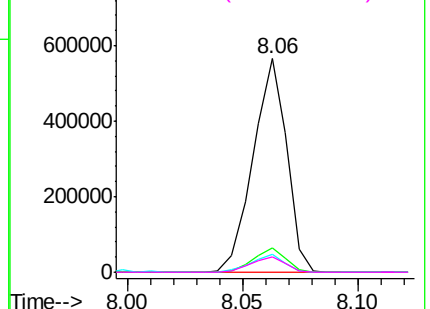
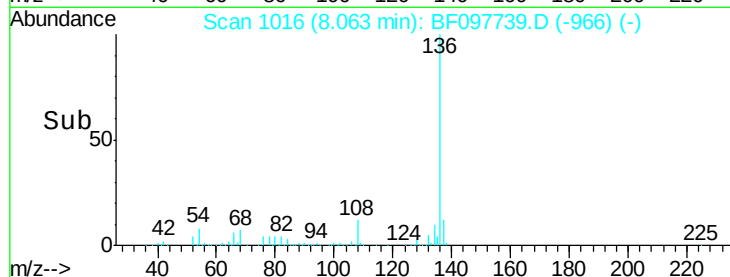


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.90 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:105 Resp: 560277

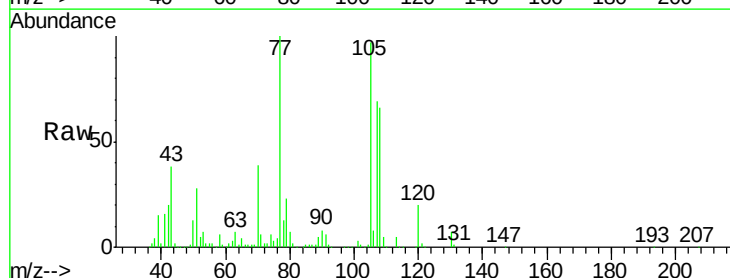
Ion Ratio Lower Upper

105 100

71 6.5 2.8 4.2#

51 28.9 30.7 46.1#

120 20.6 17.4 26.0

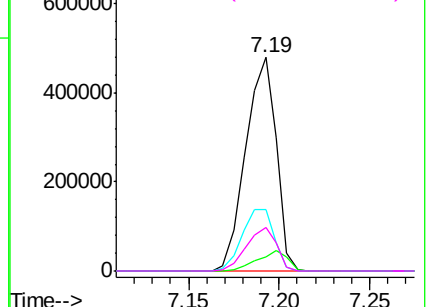
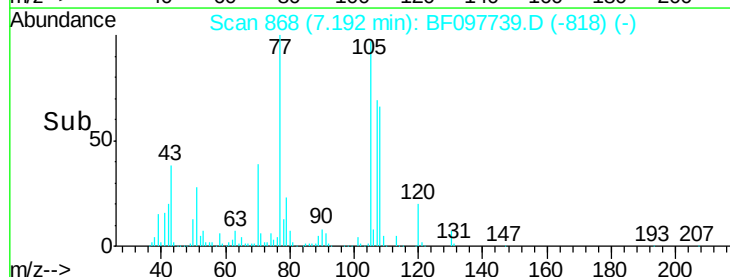


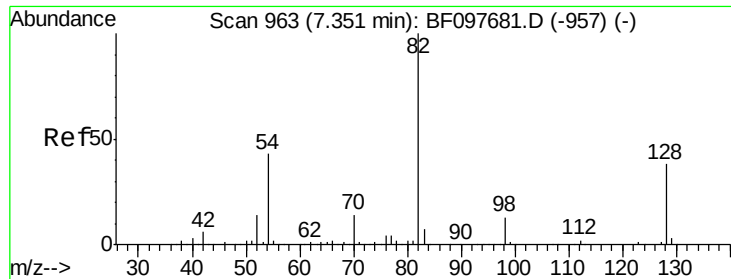
Abundance Ion 105.00 (104.70 to 105.70): E

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

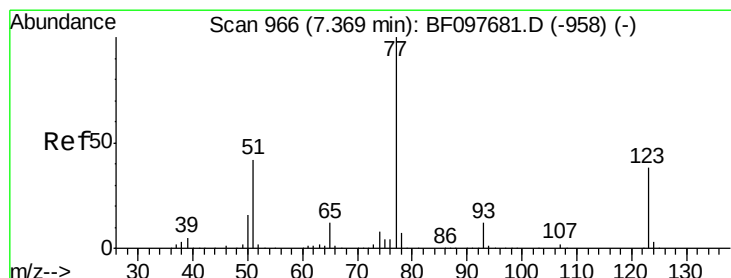
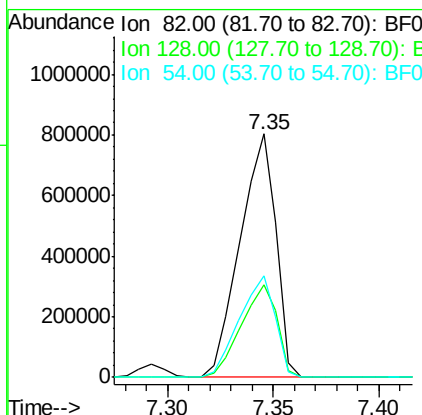
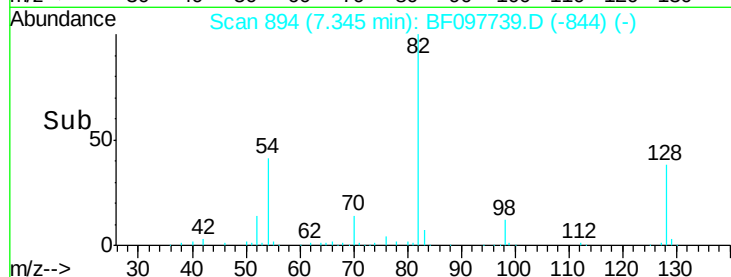
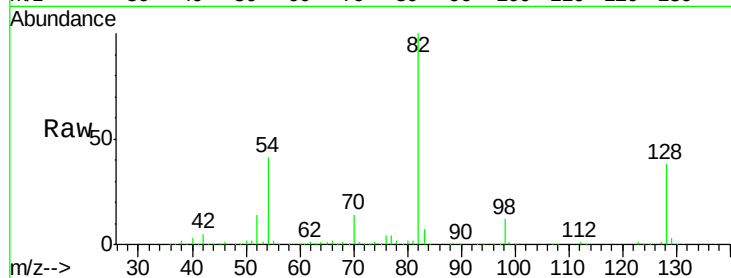




#23
 Nitrobenzene-d5
 Concen: 89.59 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

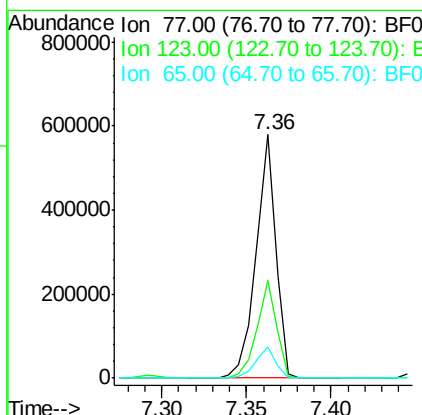
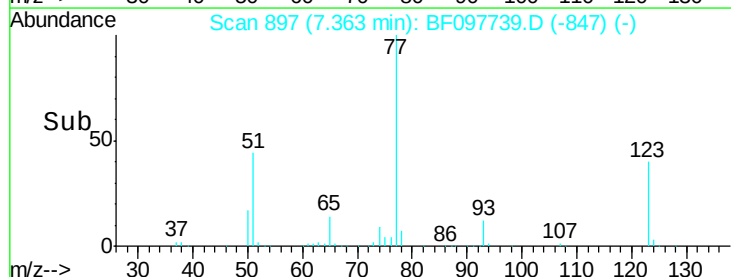
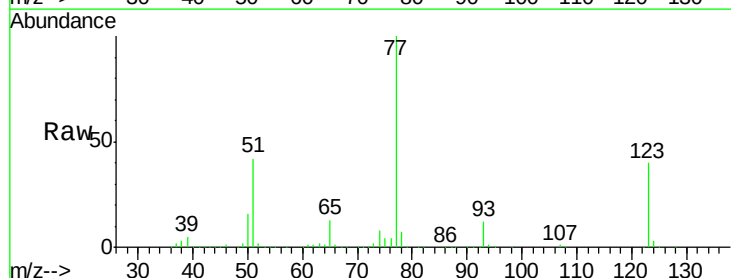
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

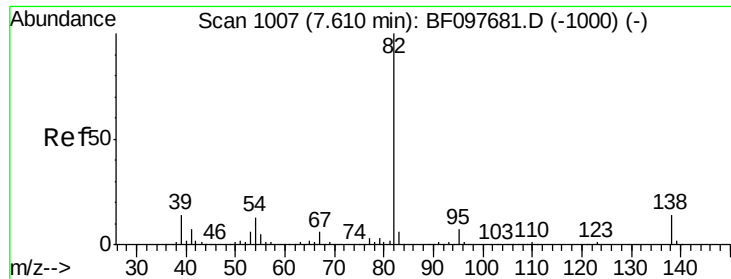
Tot Ion: 82 Resp: 947918
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.0 51.0
 54 41.5 42.2 63.2#



#24
 Nitrobenzene
 Concen: 40.72 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion: 77 Resp: 479699
 Ion Ratio Lower Upper
 77 100
 123 39.9 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 40.21 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

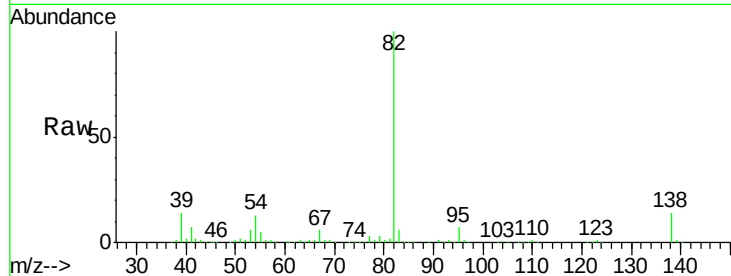
Tot Ion: 82 Resp: 884675

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

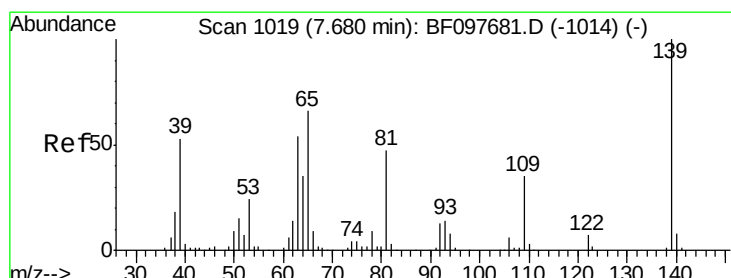
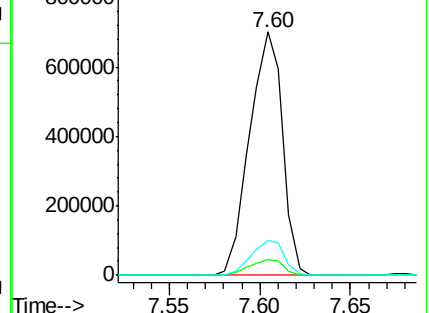
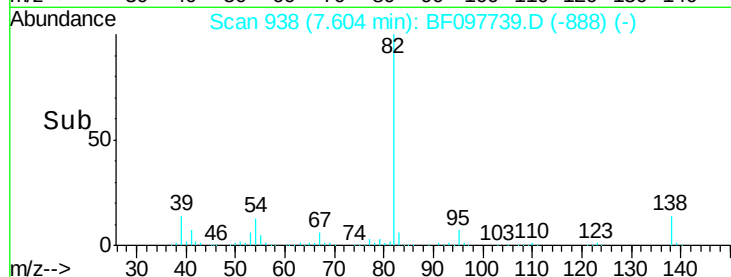
138 14.4 13.1 19.7



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: 44.62 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

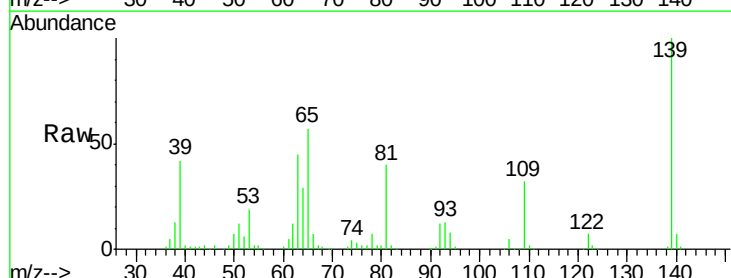
Tgt Ion: 139 Resp: 188693

Ion Ratio Lower Upper

139 100

109 32.4 21.0 31.6#

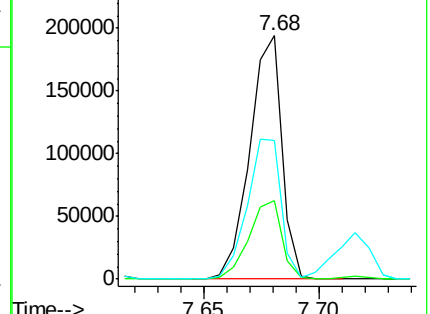
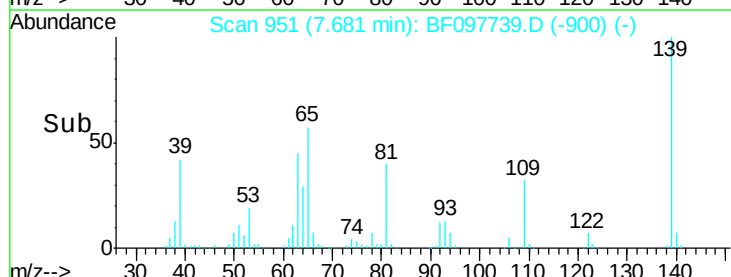
65 56.8 33.0 49.6#

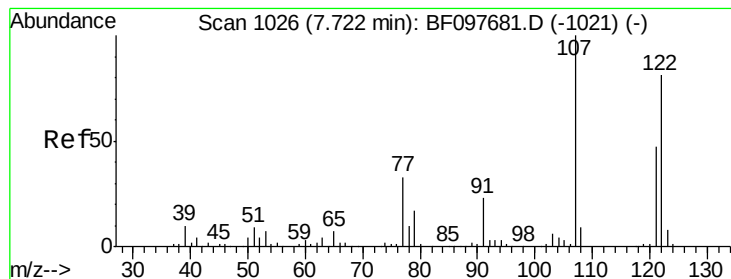


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.63 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

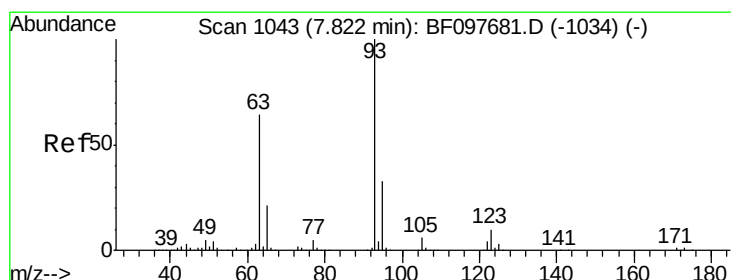
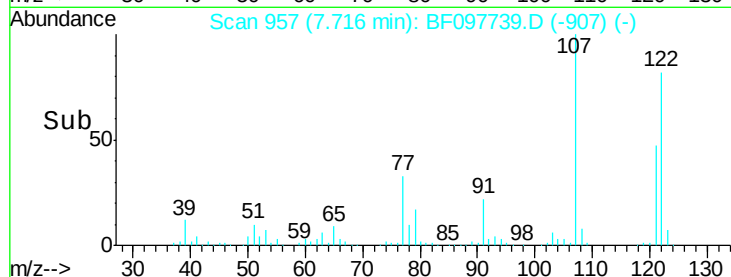
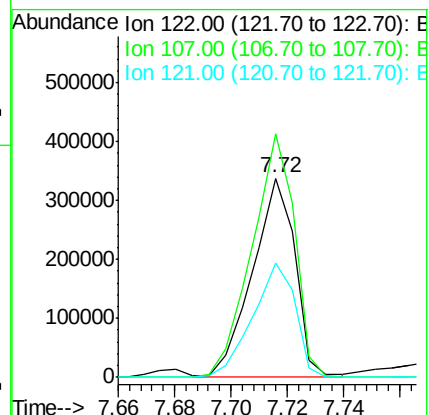
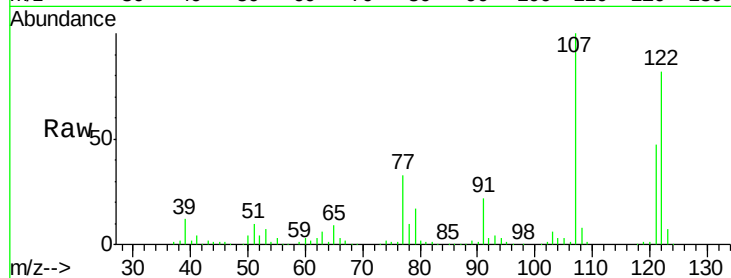
Tot Ion:122 Resp: 354424

Ion Ratio Lower Upper

122 100

107 122.1 89.2 133.8

121 57.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.29 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

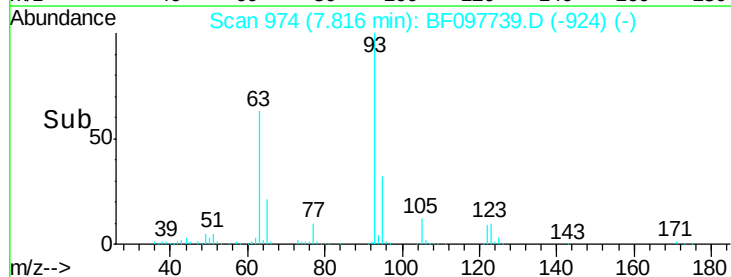
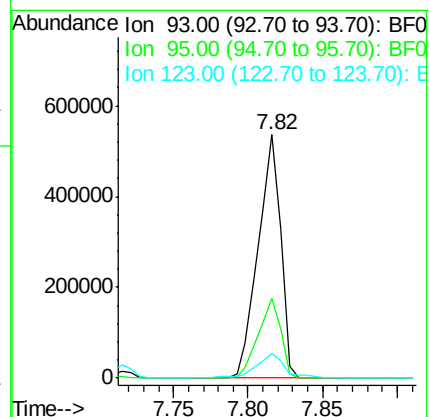
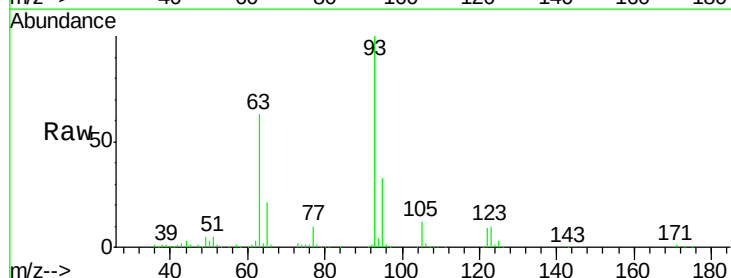
Tgt Ion: 93 Resp: 553821

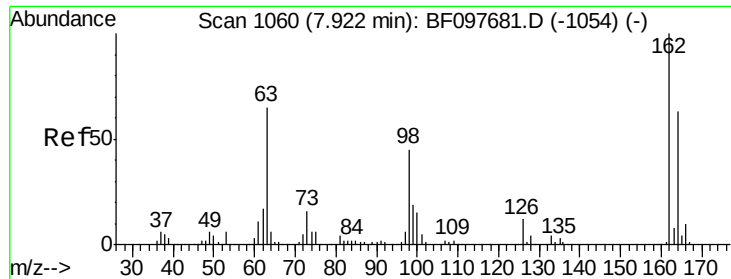
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 10.3 9.0 13.4

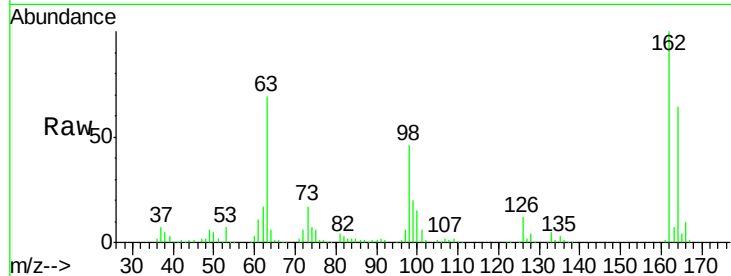




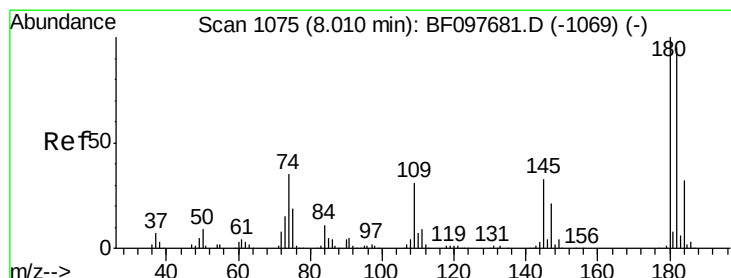
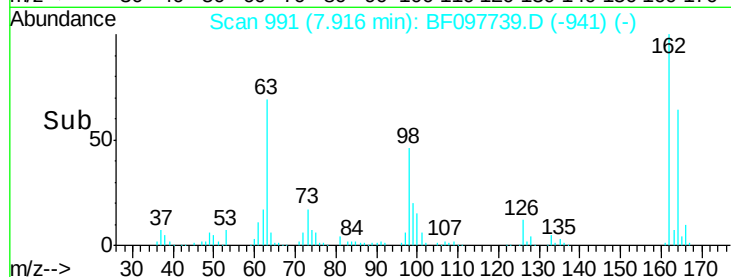
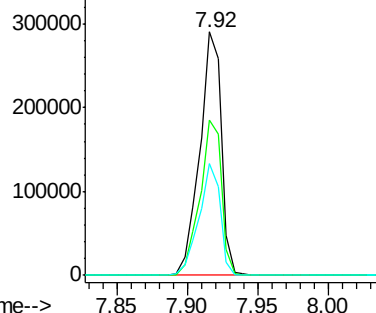
#29
 2,4-Dichlorophenol
 Concen: 40.41 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	45.8	14.8	54.8

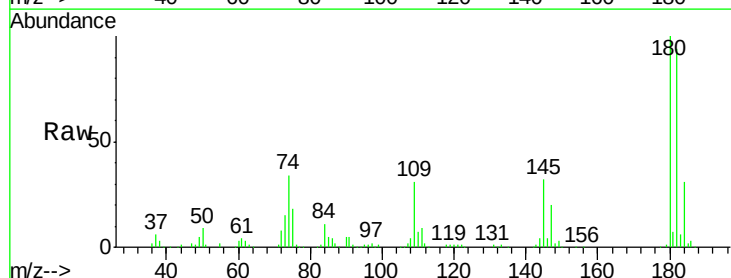


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

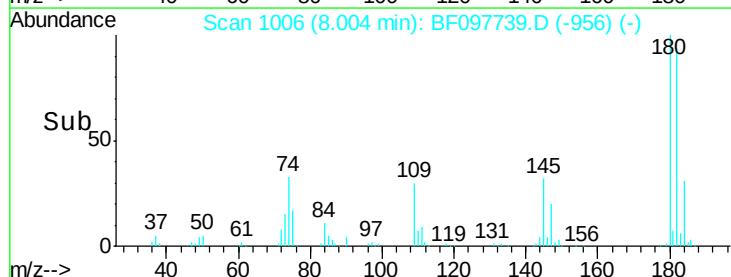
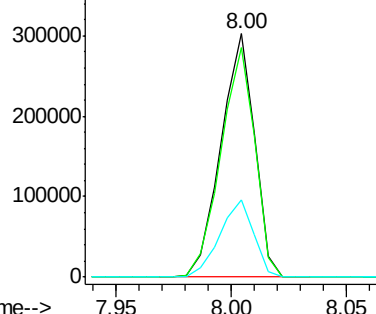


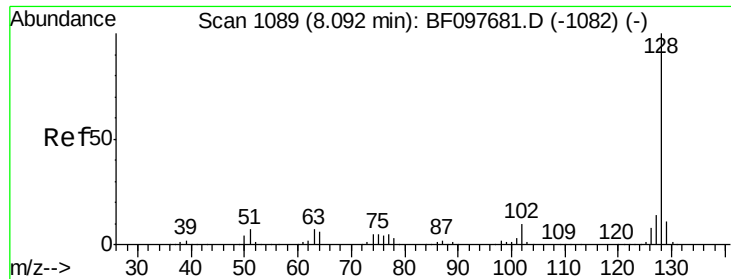
#30
 1,2,4-Trichlorobenzene
 Concen: 36.43 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	31.7	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

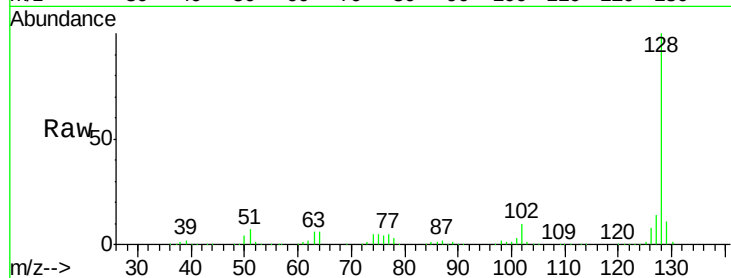




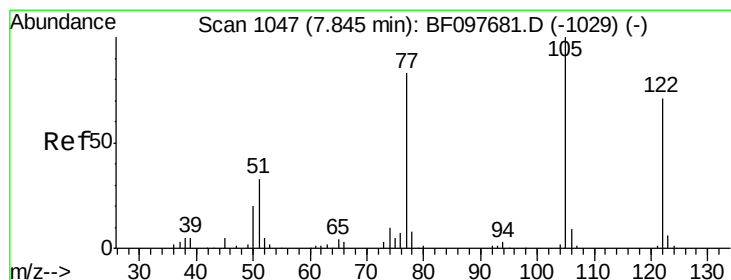
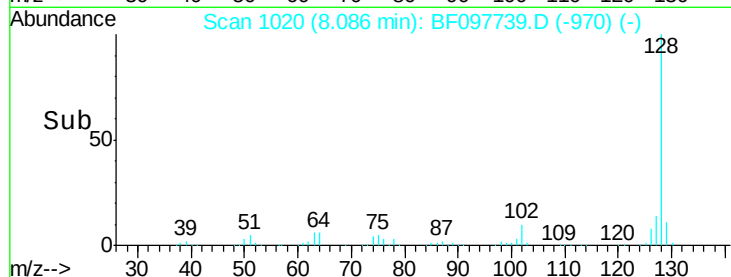
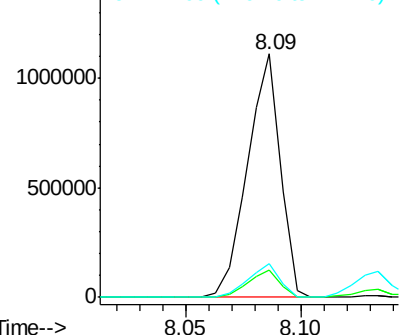
#31
Naphthalene
Concen: 36.70 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion:128 Resp: 1095008
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 10.8 16.2

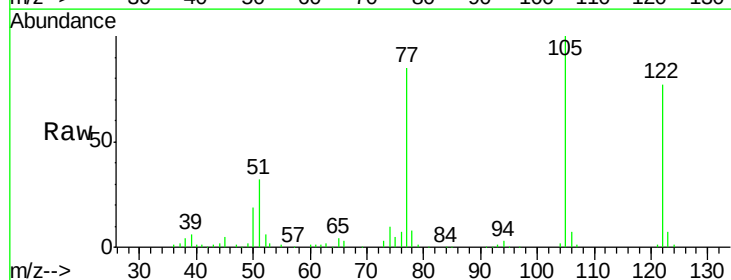


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

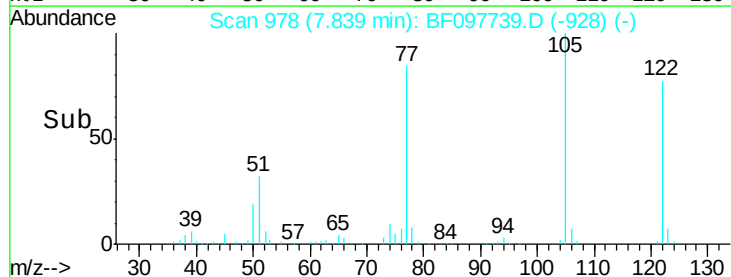
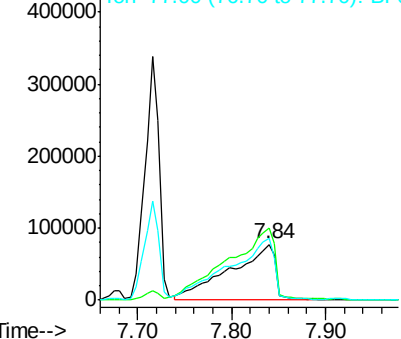


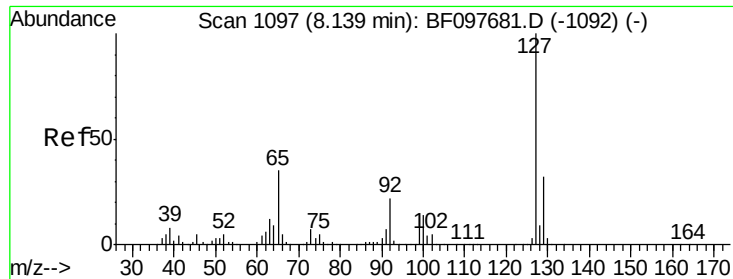
#32
Benzoic acid
Concen: 39.45 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:122 Resp: 254935
Ion Ratio Lower Upper
122 100
105 129.3 103.3 143.3
77 110.0 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

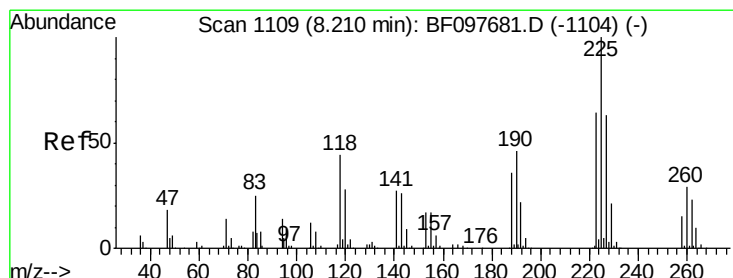
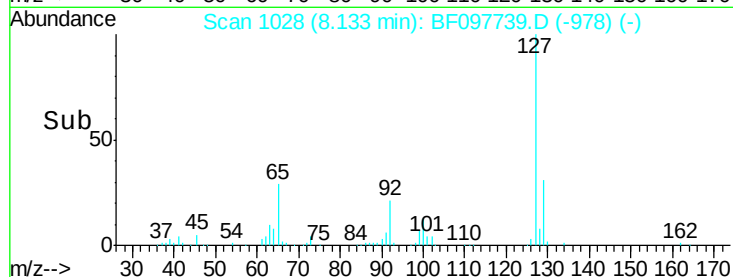
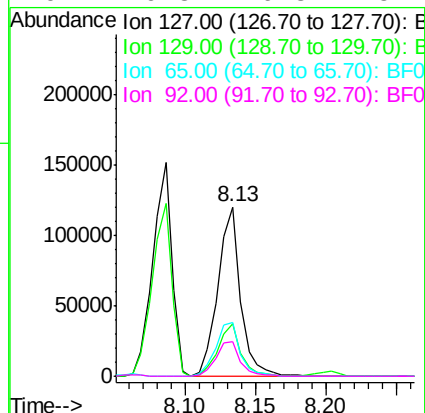
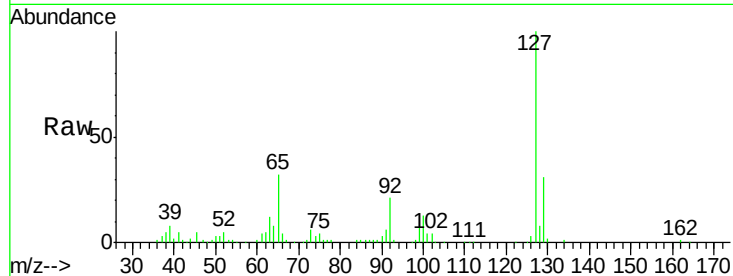




#33
4-Chloroaniline
Concen: 10.73 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

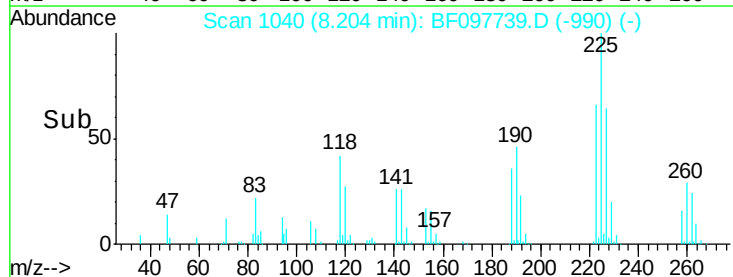
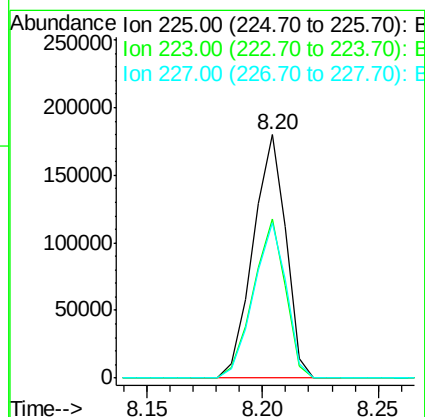
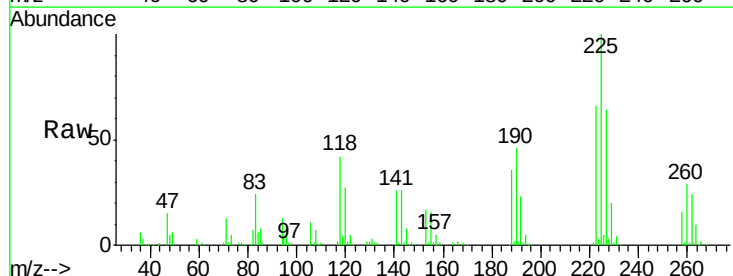
Instrument :
BNA_F
ClientSampleId :
PB101499BS

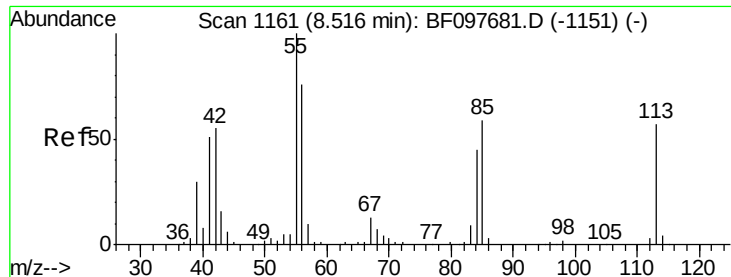
Tot Ion:	127	Resp:	135044
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	32.1	27.8	41.8
92	20.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.20 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:	225	Resp:	178451
Ion	Ratio	Lower	Upper
225	100		
223	65.6	48.8	73.2
227	63.8	51.1	76.7

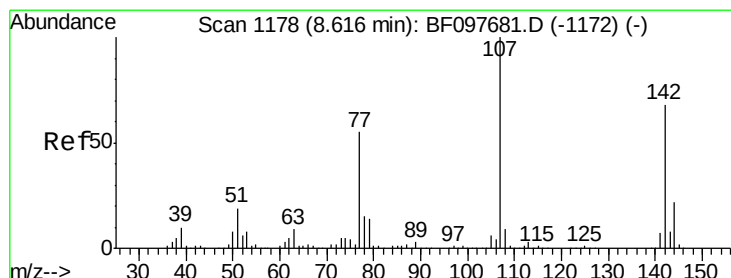
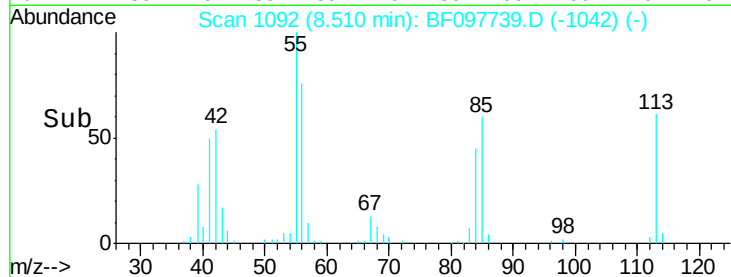
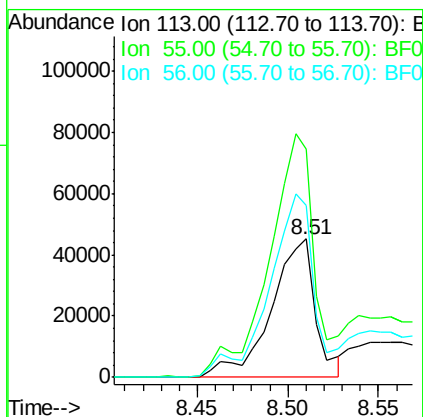
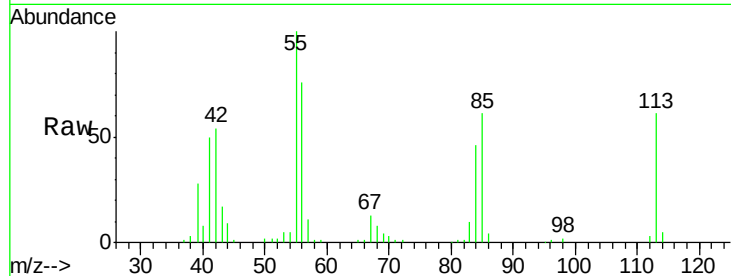




#35
 Caprolactam
 Concen: 29.90 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

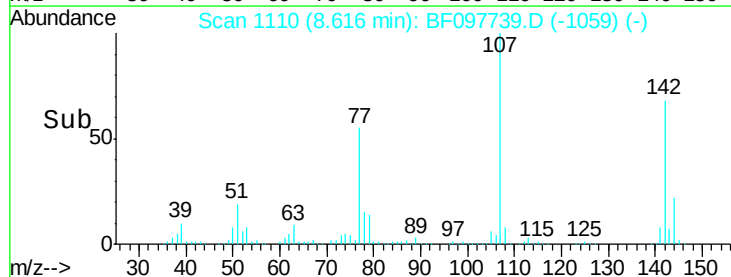
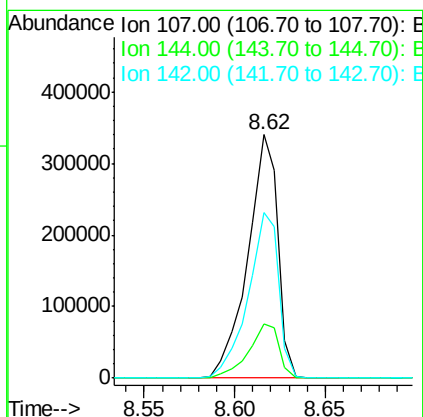
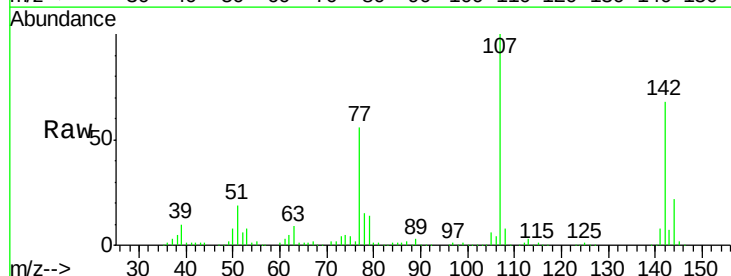
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

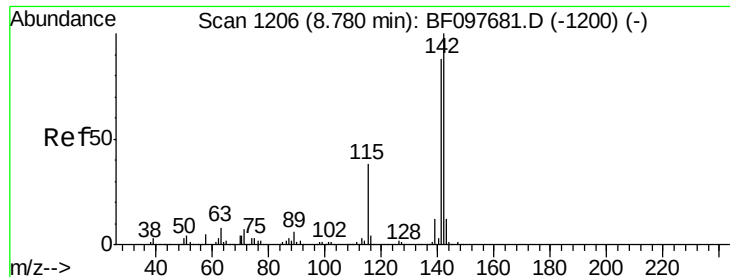
Tot Ion:113 Resp: 77428
 Ion Ratio Lower Upper
 113 100
 55 164.4 150.2 190.2
 56 124.1 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.03 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:107 Resp: 391762
 Ion Ratio Lower Upper
 107 100
 144 22.0 24.2 36.4#
 142 67.9 73.4 110.0#

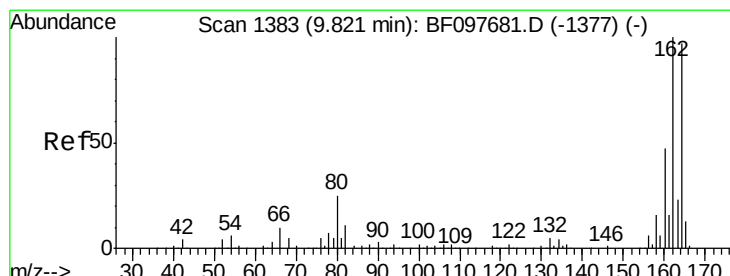
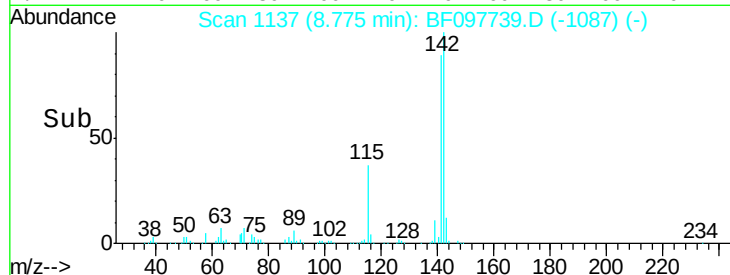
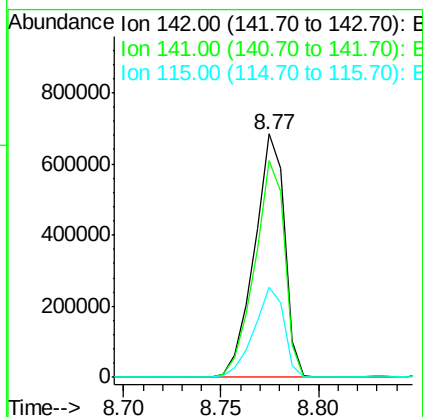
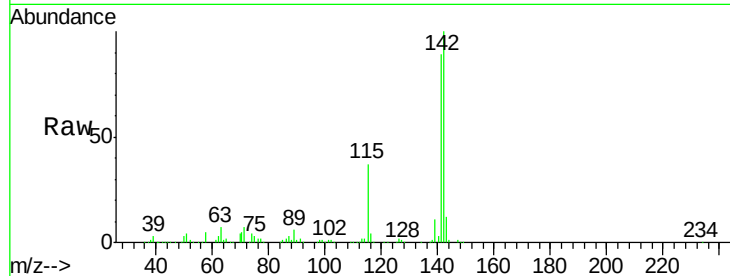




#37
2-Methylnaphthalene
Concen: 39.90 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

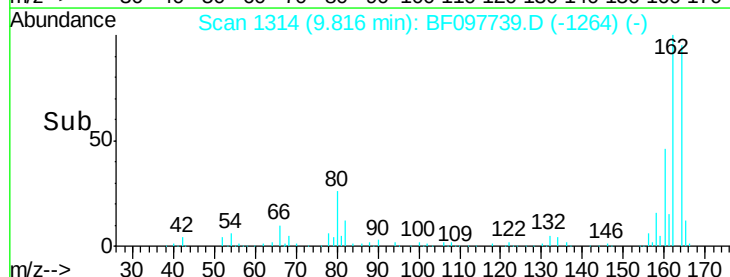
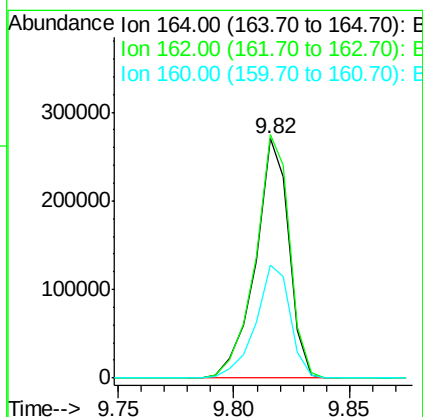
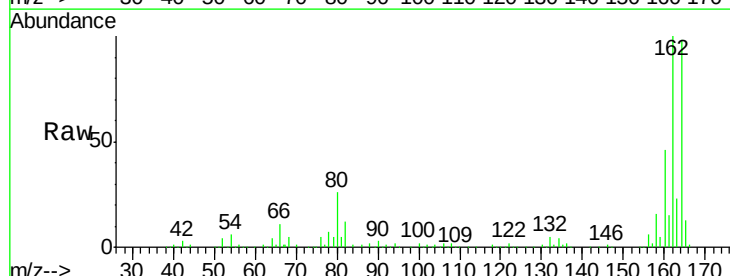
Instrument :
BNA_F
ClientSampleId :
PB101499BS

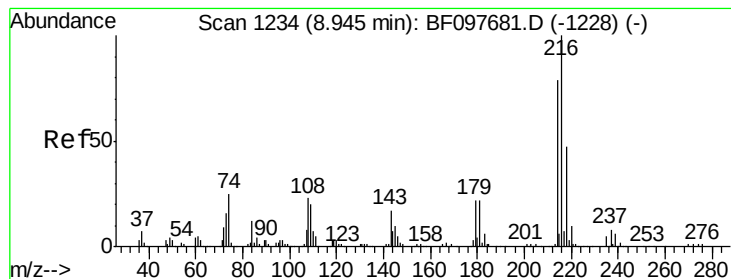
Tot Ion:142 Resp: 730061
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 37.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:164 Resp: 271633
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 47.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.70 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

Tot Ion:216 Resp: 289249

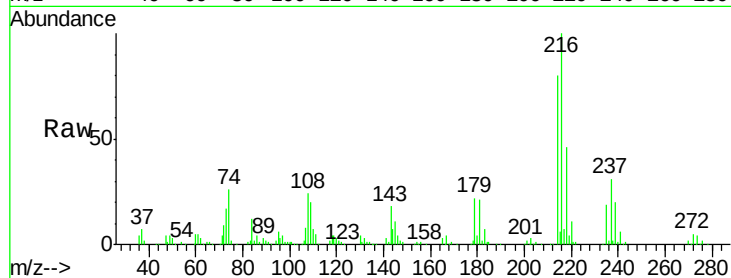
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 21.5 17.9 26.9

108 26.7 16.5 24.7#

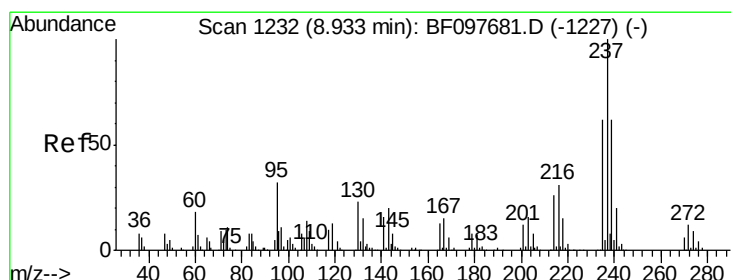
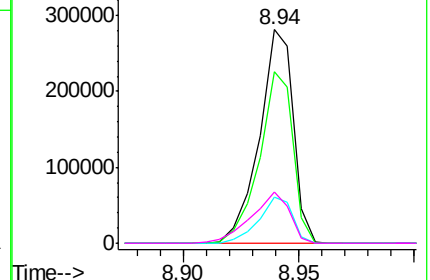
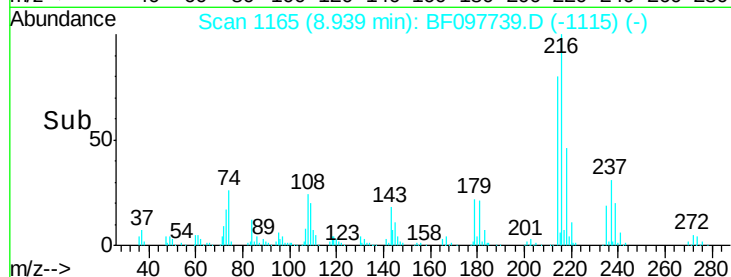


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.42 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

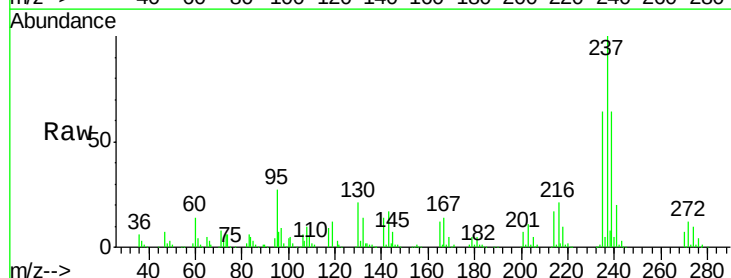
Tgt Ion:237 Resp: 346083

Ion Ratio Lower Upper

237 100

235 63.9 42.6 82.6

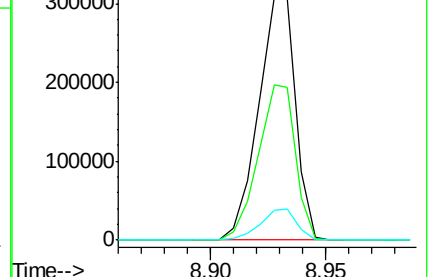
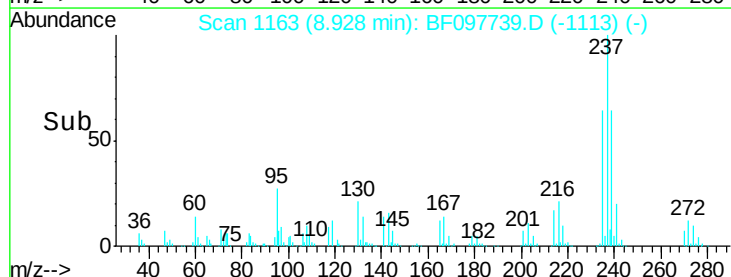
272 12.1 0.0 31.9

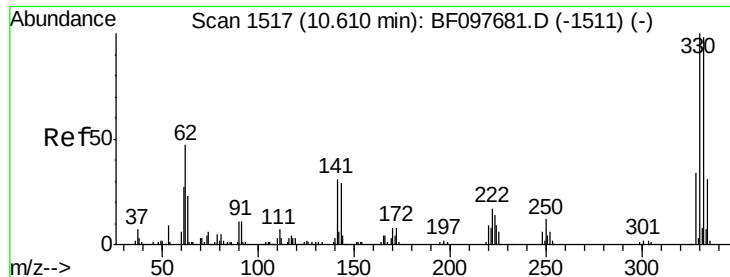


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

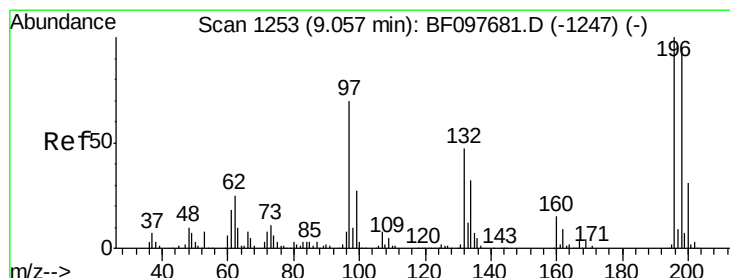
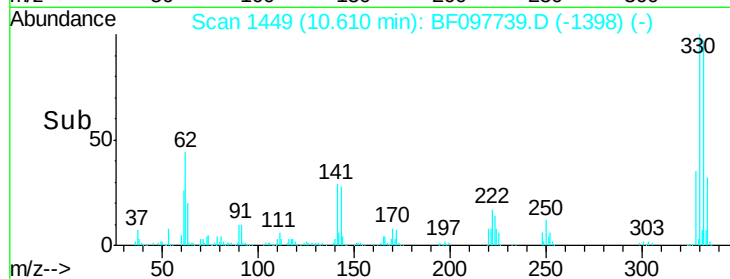
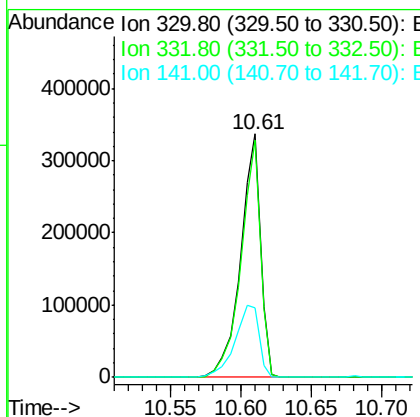
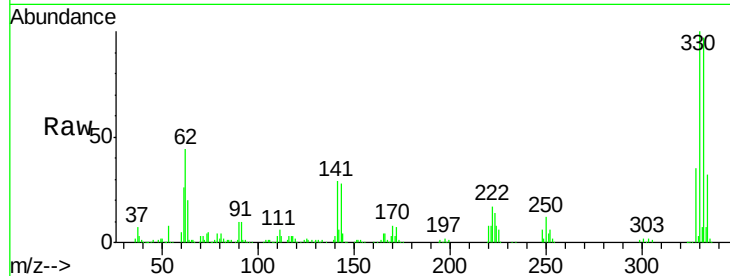




#41
 2,4,6-Tribromophenol
 Concen: 141.02 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

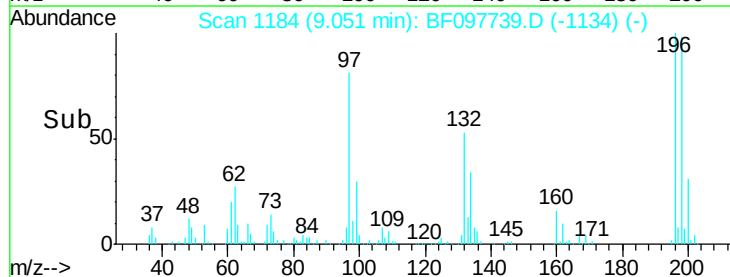
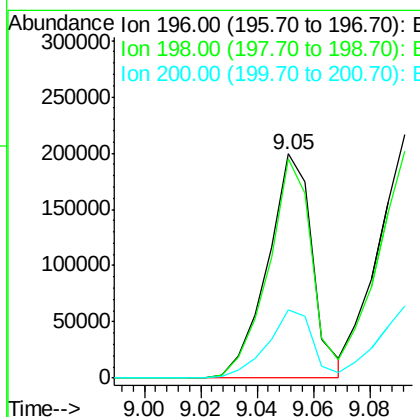
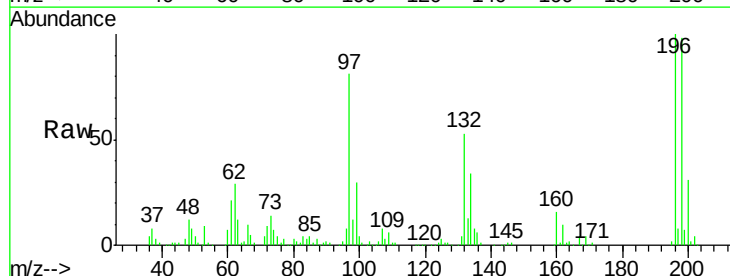
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

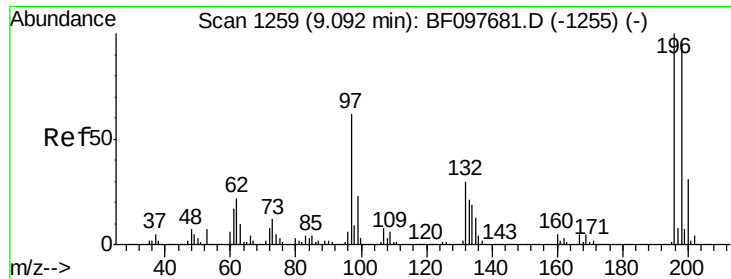
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	35.7	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.20 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	74.2	111.4
200	30.7	24.0	36.0

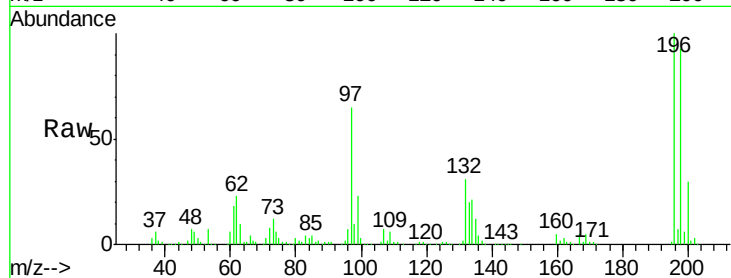




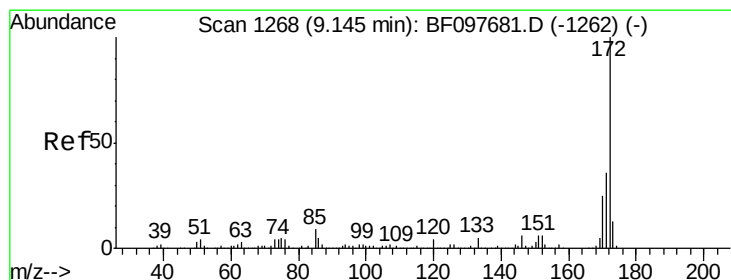
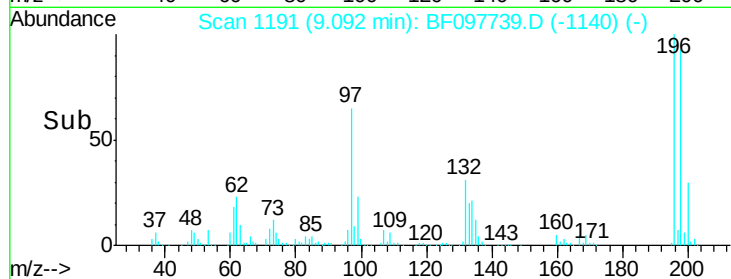
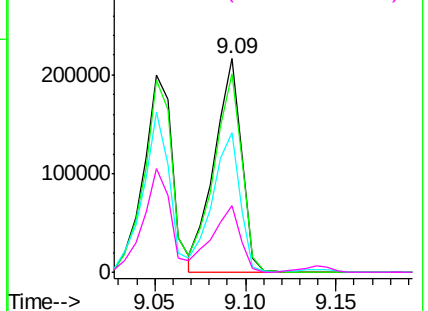
#43
 2,4,5-Trichlorophenol
 Concen: 40.88 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion:196 Resp: 226976
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 97 65.5 47.7 71.5
 132 31.0 28.0 42.0

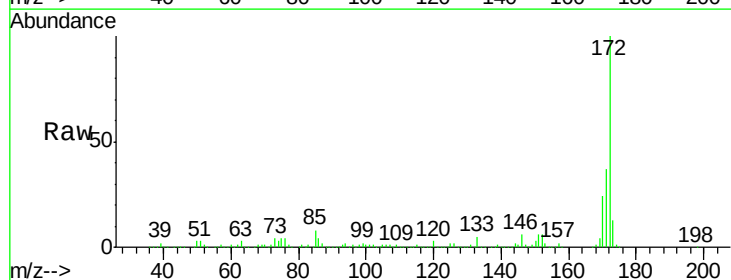


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

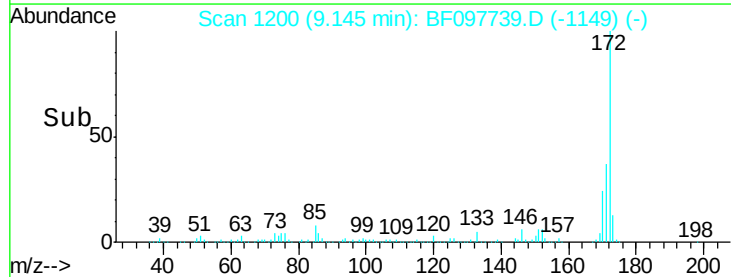
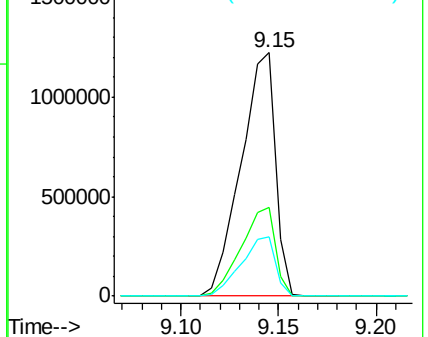


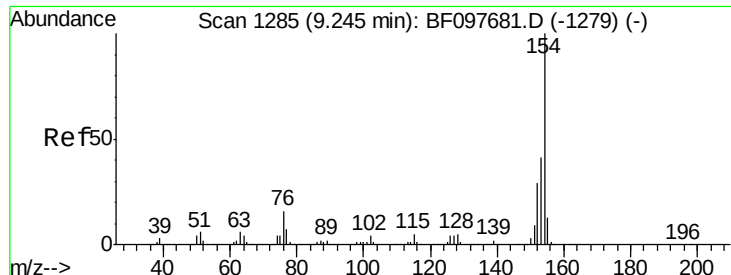
#44
 2-Fluorobiphenyl
 Concen: 81.04 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:172 Resp: 1498377
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.4 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

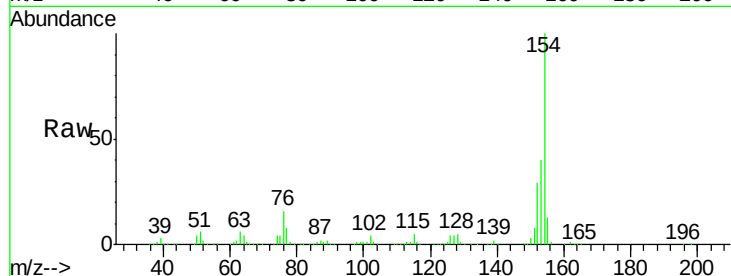




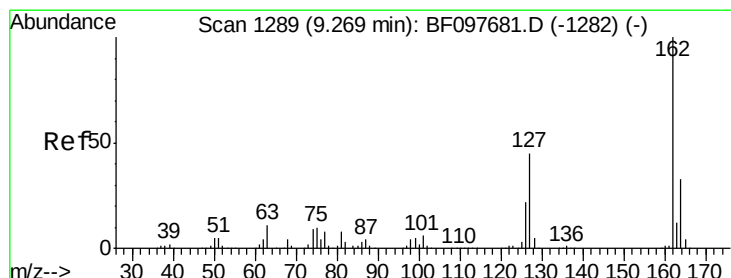
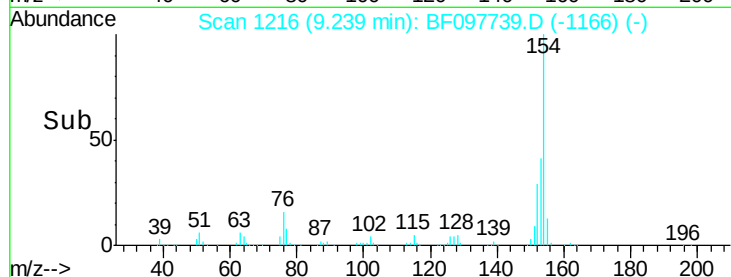
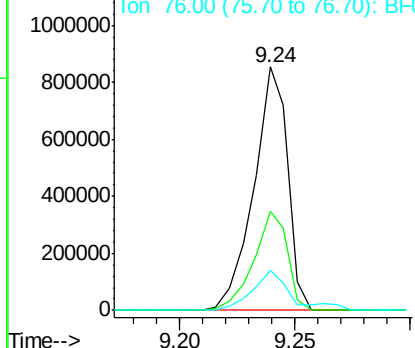
#45
 1,1'-Biphenyl
 Concen: 35.17 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleID :
 PB101499BS

Tot Ion:154 Resp: 871162
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.2 61.2
 76 16.4 0.0 29.9

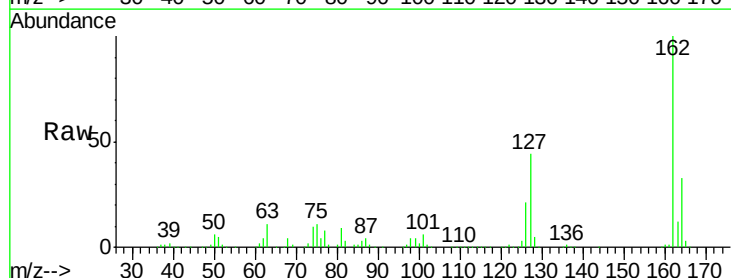


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

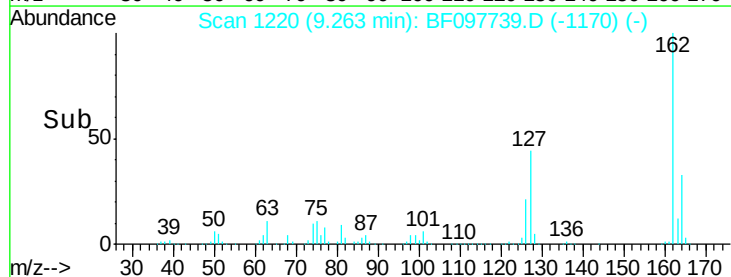
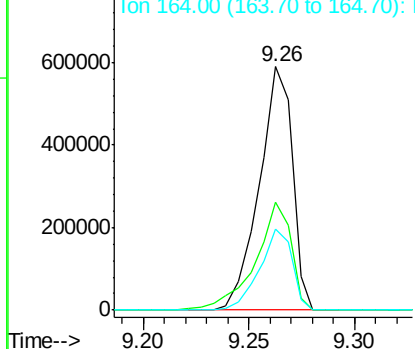


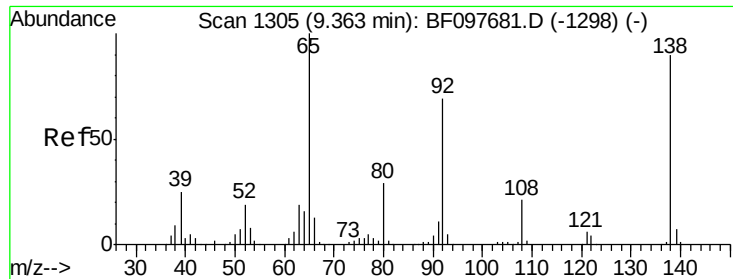
#46
 2-Chloronaphthalene
 Concen: 35.19 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:162 Resp: 644035
 Ion Ratio Lower Upper
 162 100
 127 44.3 28.3 42.5#
 164 33.2 27.0 40.4



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

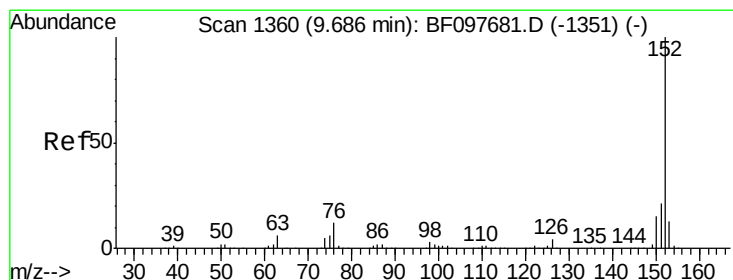
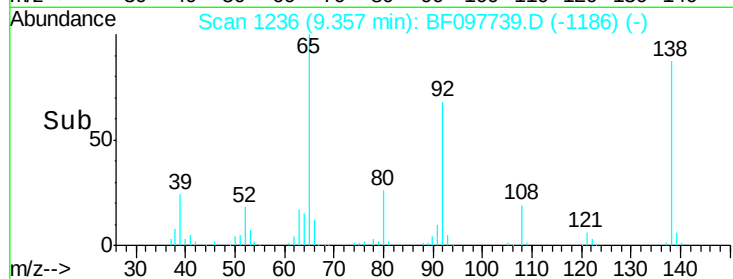
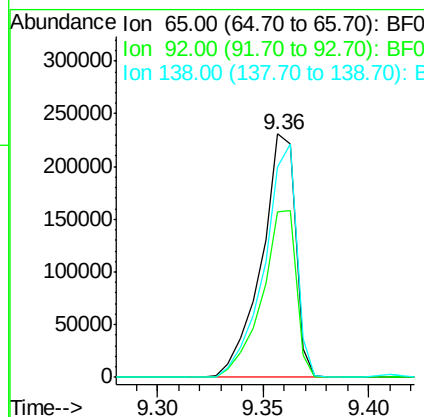
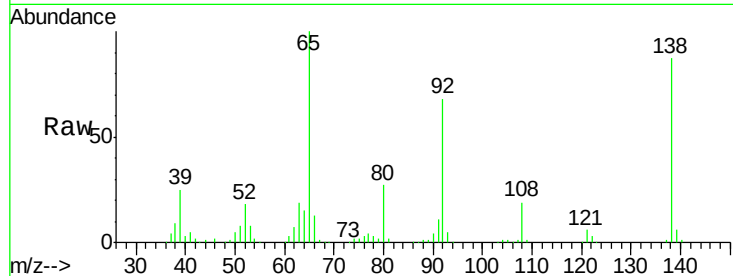




#47
 2-Nitroaniline
 Concen: 42.21 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

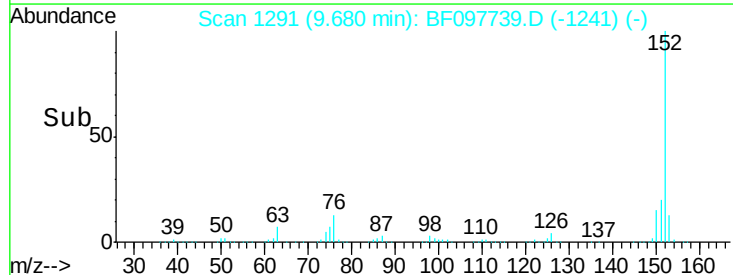
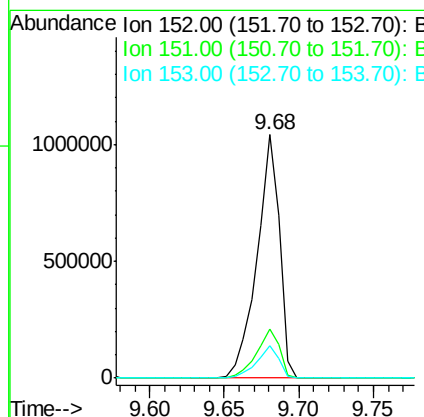
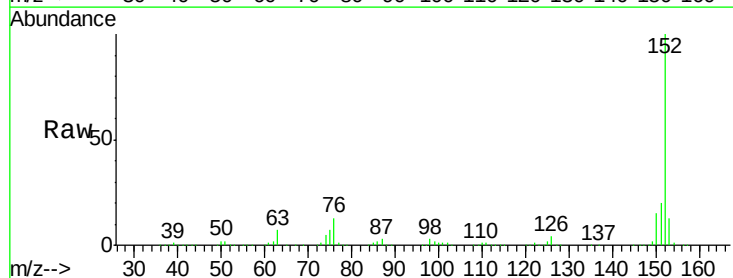
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

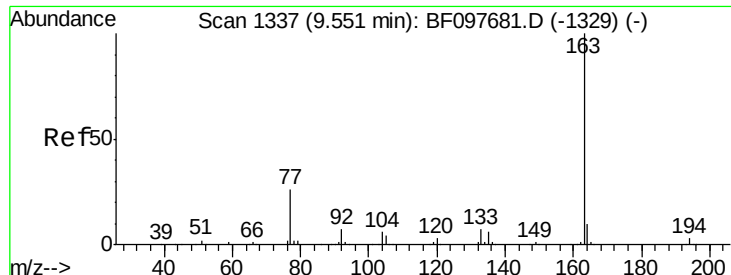
Tot Ion:	65.00	Resp:	258977
Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.9	80.9
138	86.6	78.8	118.2



#48
 Acenaphthylene
 Concen: 37.32 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:	152.00	Resp:	1072590
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2

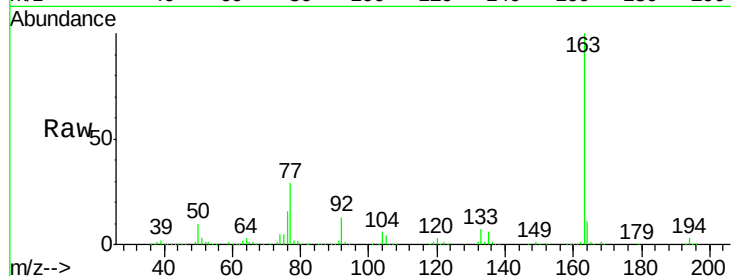




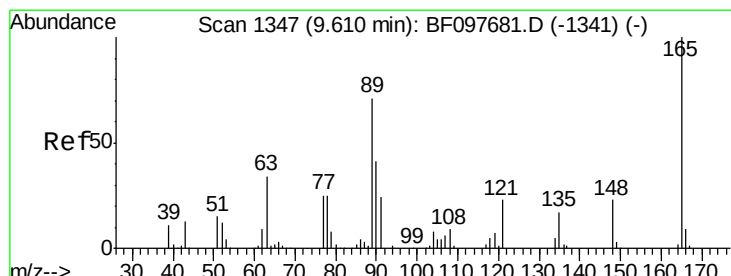
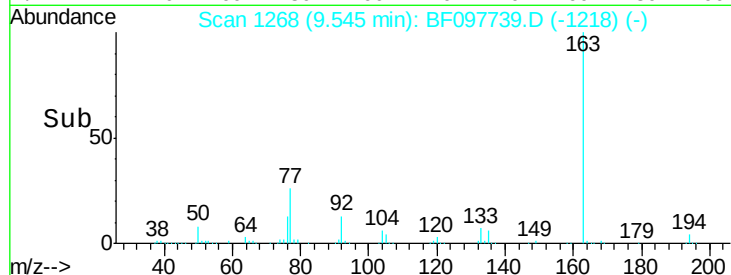
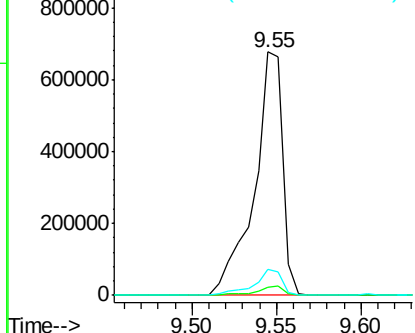
#49
Dimethylphthalate
Concen: 39.83 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6

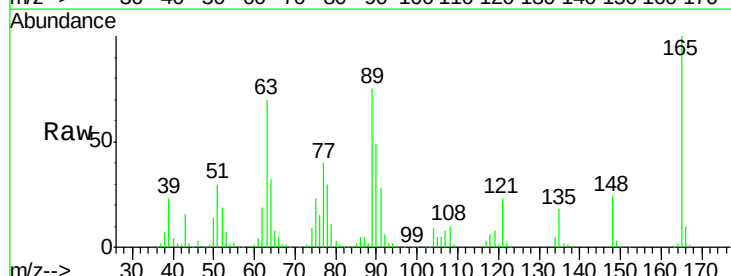


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

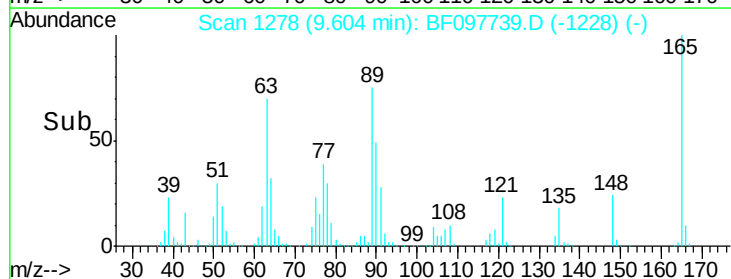
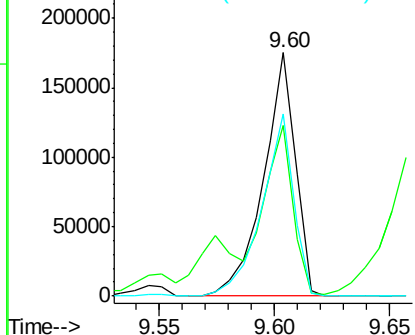


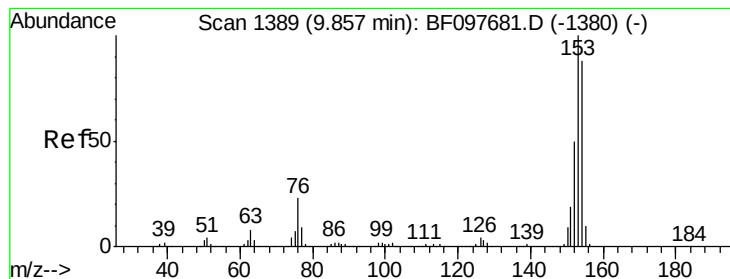
#50
2,6-Dinitrotoluene
Concen: 42.52 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.2	34.3	51.5#
89	74.8	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: 36.74 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

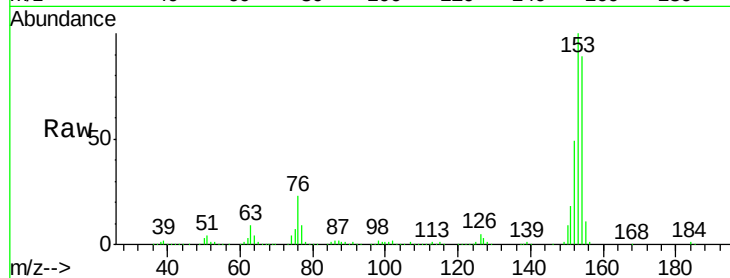
Tot Ion:154 Resp: 666002

Ion Ratio Lower Upper

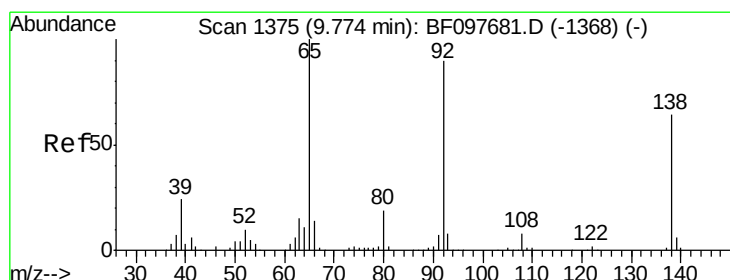
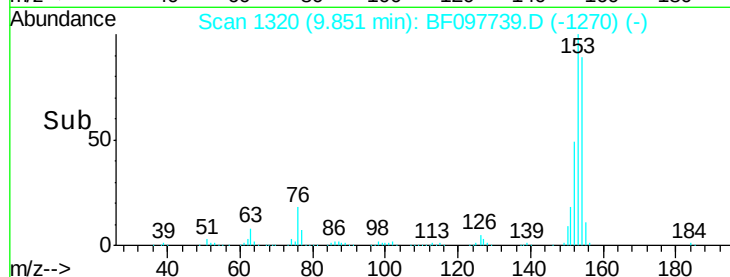
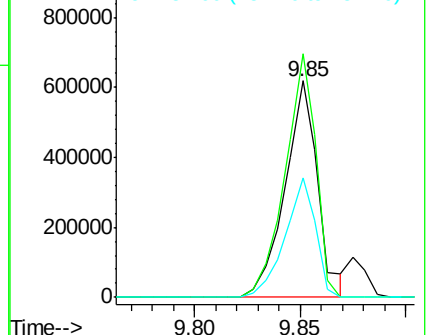
154 100

153 112.4 90.5 135.7

152 55.3 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: 17.51 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

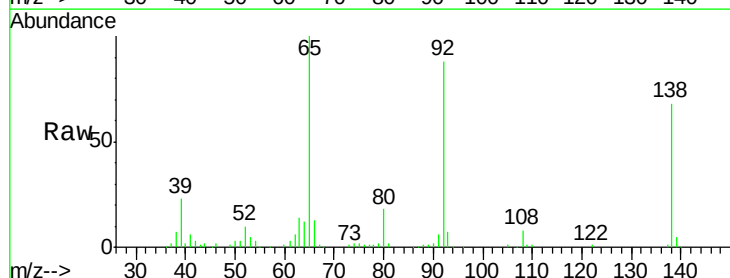
Tgt Ion:138 Resp: 89545

Ion Ratio Lower Upper

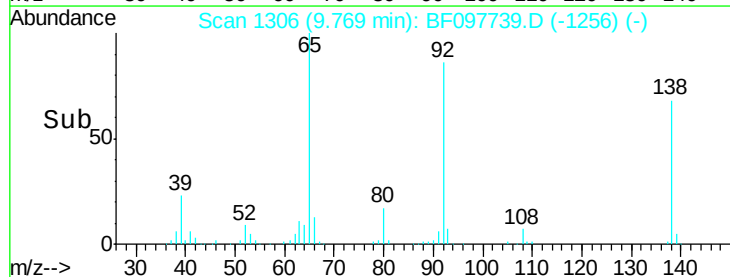
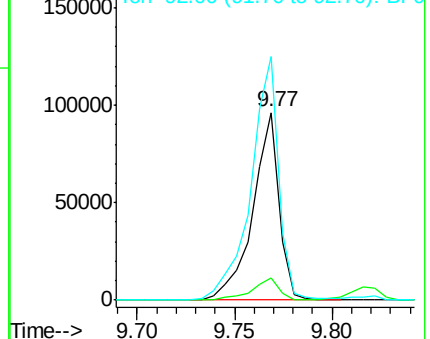
138 100

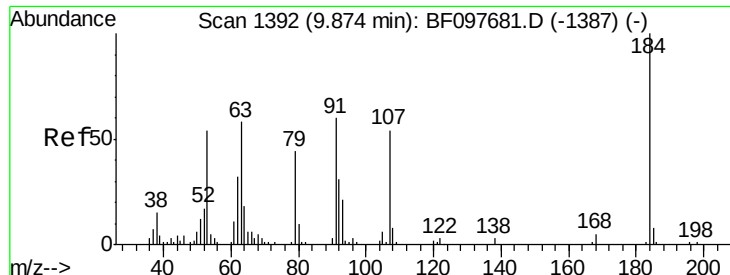
108 11.5 9.1 13.7

92 130.0 93.8 140.6



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

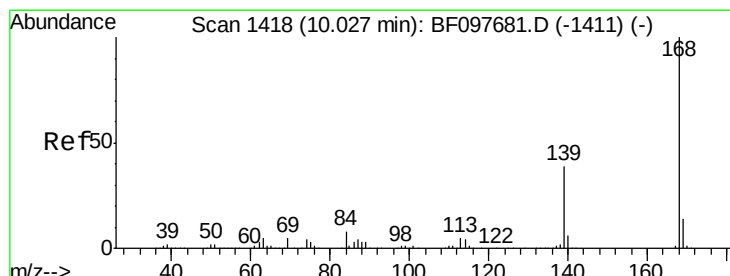
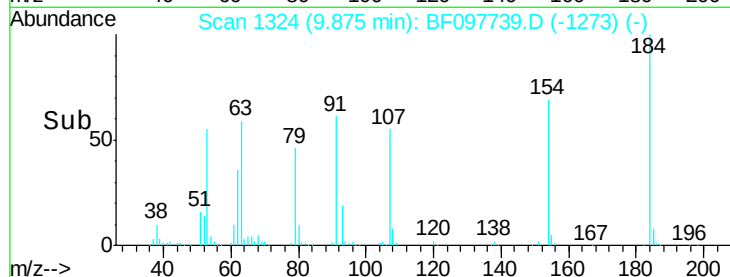
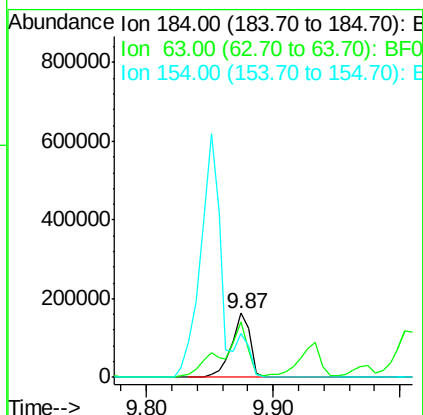
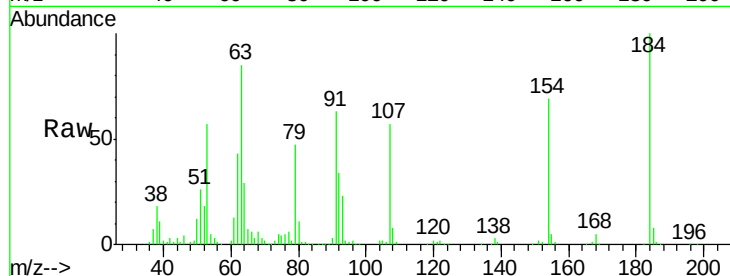




#53
2,4-Dinitrophenol
Concen: 87.07 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

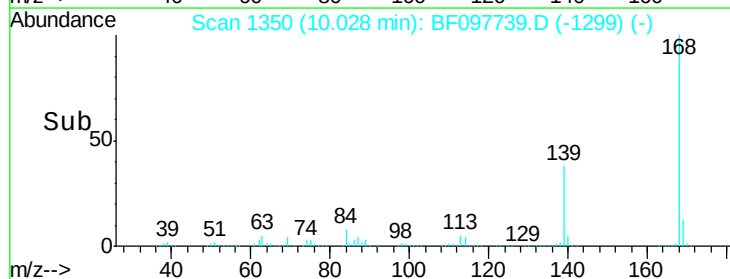
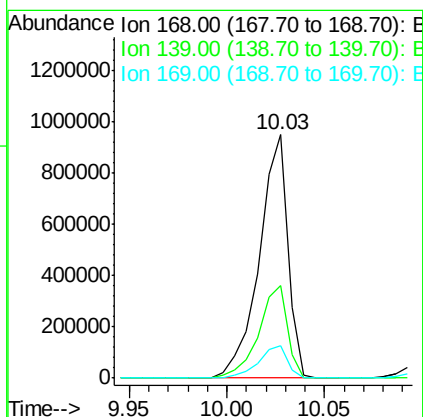
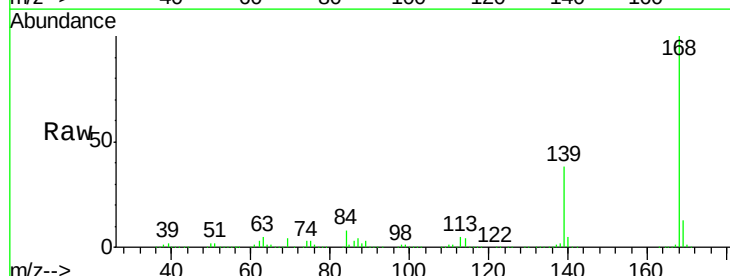
Instrument :
BNA_F
ClientSampleId :
PB101499BS

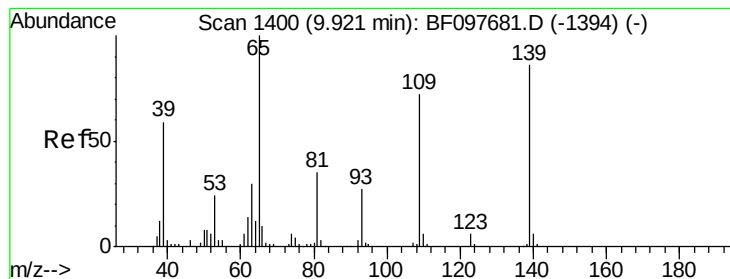
Tot Ion:184 Resp: 166091
Ion Ratio Lower Upper
184 100
63 85.4 62.7 94.1
154 69.0 81.1 121.7#



#54
Dibenzofuran
Concen: 39.65 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:168 Resp: 963191
Ion Ratio Lower Upper
168 100
139 37.8 30.6 45.8
169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 77.85 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

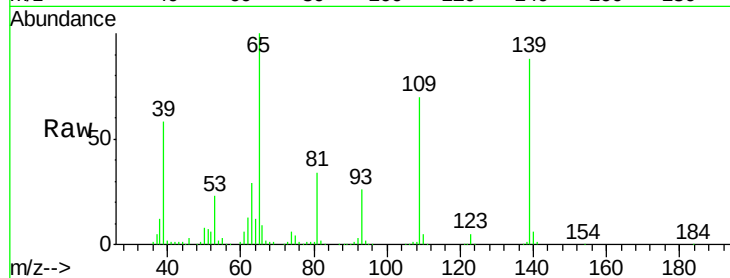
Tot Ion:139 Resp: 317578

Ion Ratio Lower Upper

139 100

109 79.5 34.1 74.1#

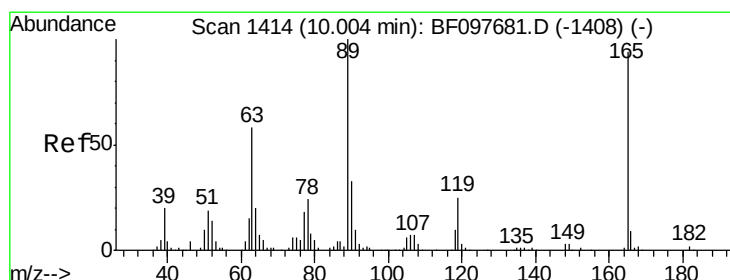
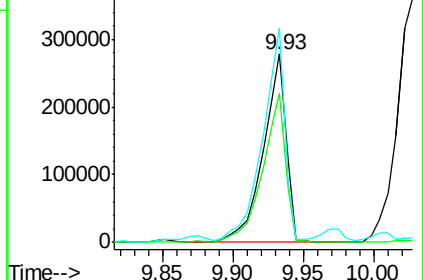
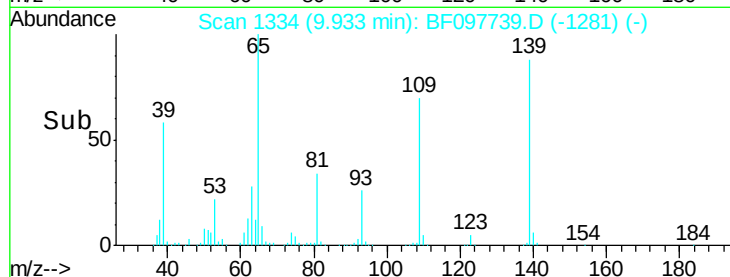
65 113.8 31.4 71.4#



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



#56

2,4-Dinitrotoluene

Concen: 46.00 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Tgt Ion:165 Resp: 228808

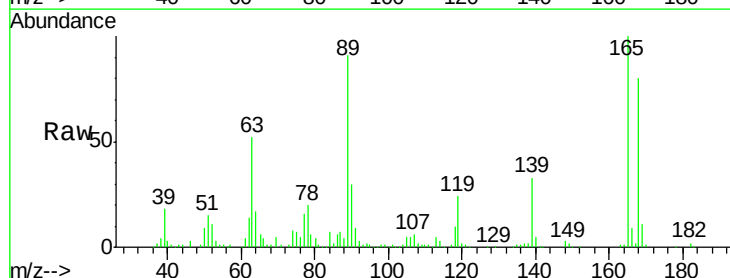
Ion Ratio Lower Upper

165 100

63 51.8 25.4 38.0#

89 91.3 46.4 69.6#

182 2.3 1.8 2.6

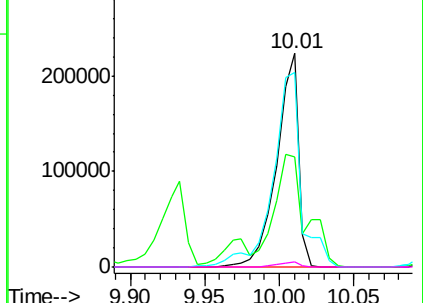
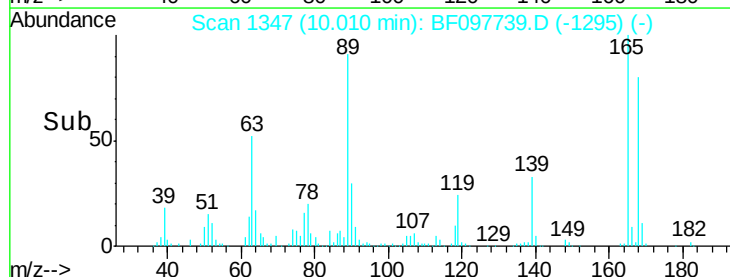


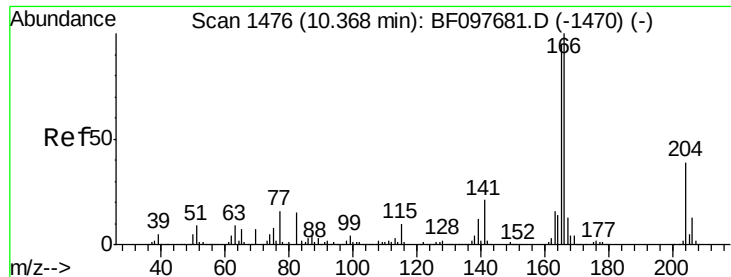
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

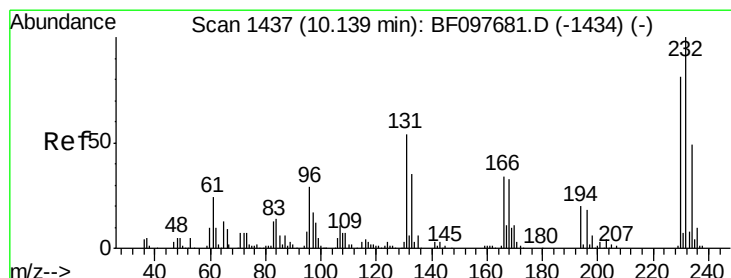
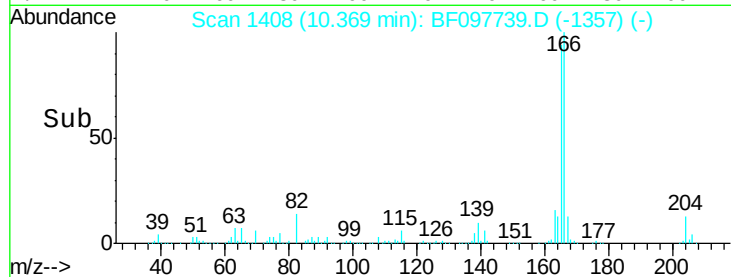
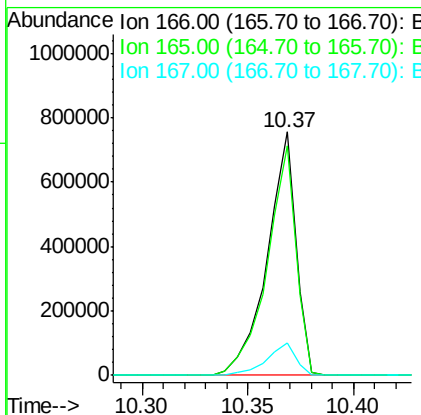
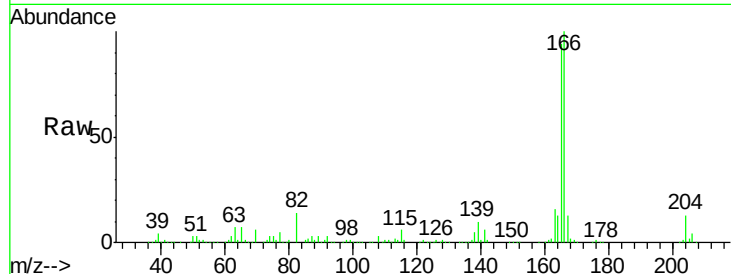




#57
 Fluorene
 Concen: 38.09 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

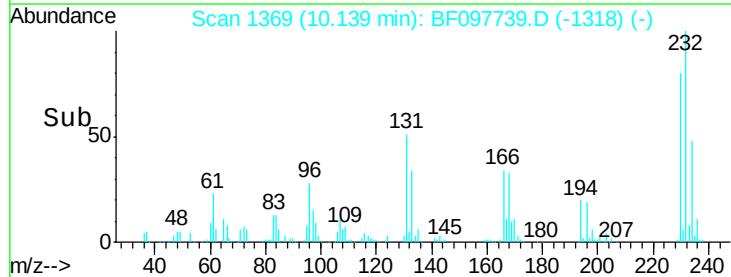
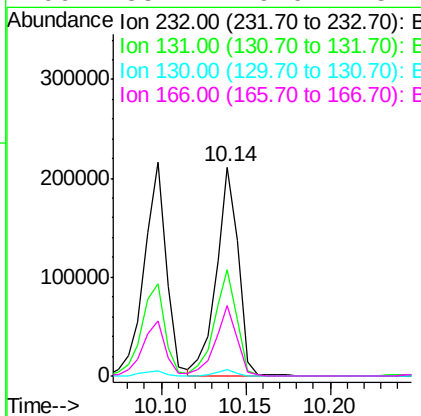
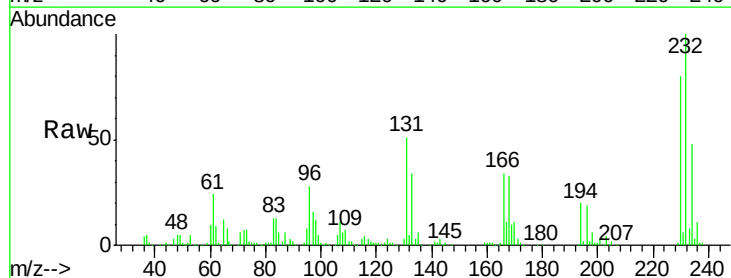
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

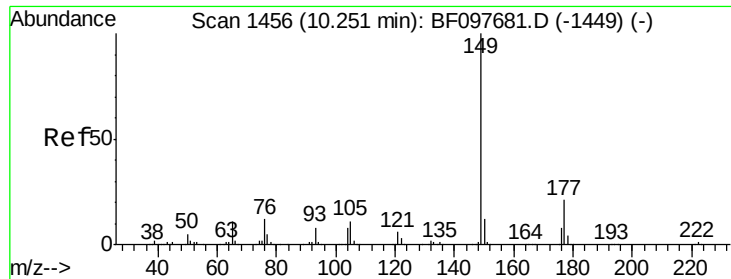
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.2	78.8	118.2
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.44 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.2	44.8	67.2
130	2.8	2.3	3.5
166	33.1	29.0	43.4

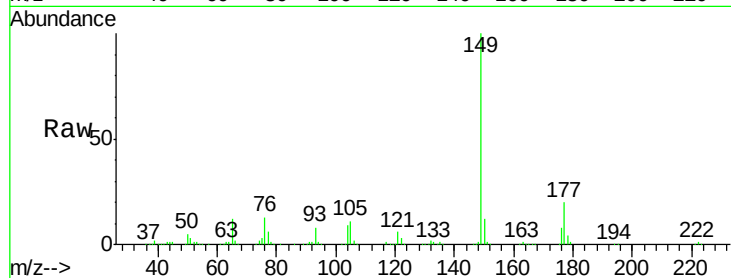




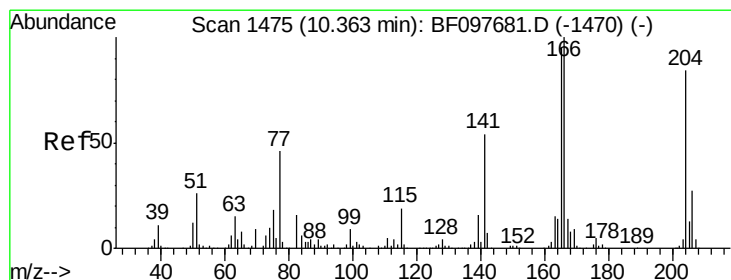
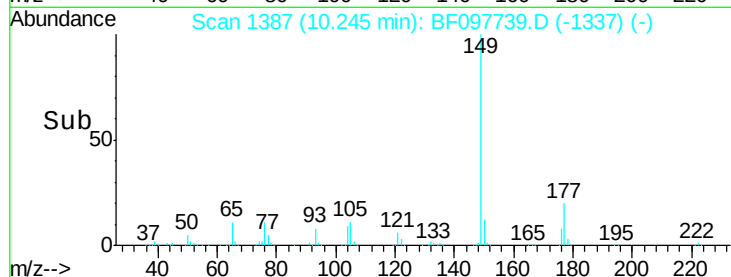
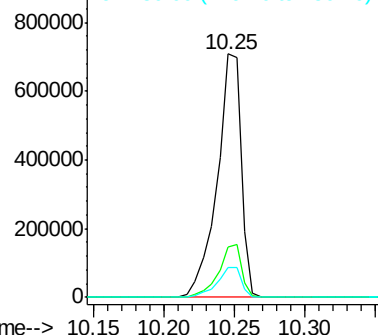
#59
Diethylphthalate
Concen: 40.83 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion:149 Resp: 847710
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 12.5 10.2 15.2

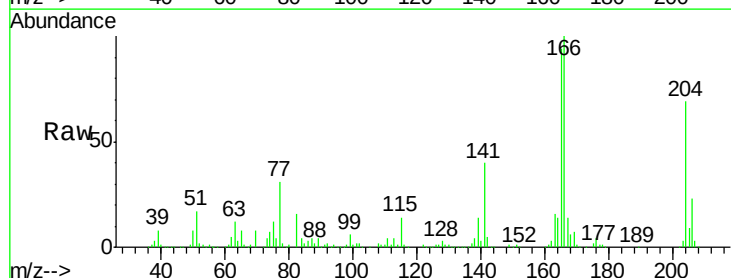


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

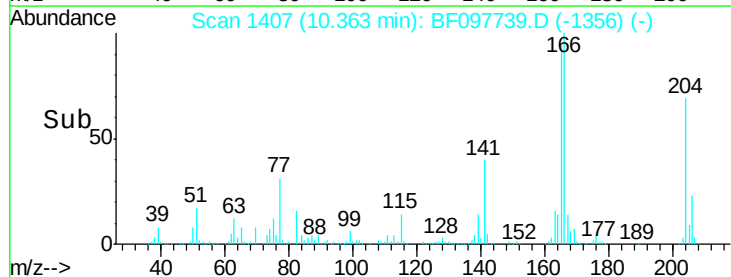
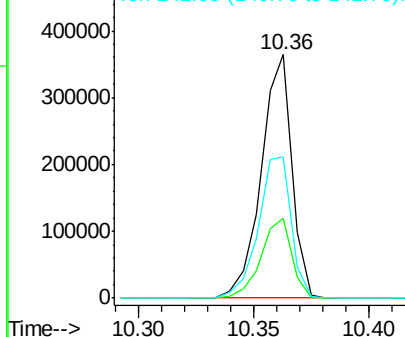


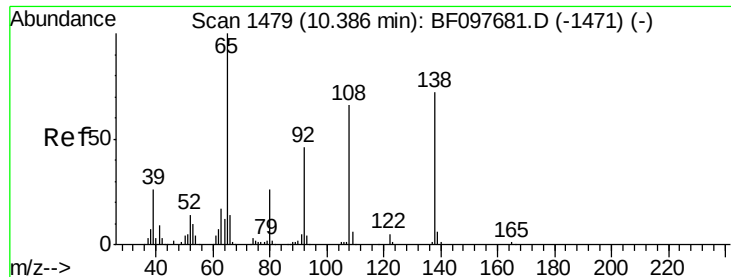
#60
4-Chlorophenyl-phenylether
Concen: 38.63 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:204 Resp: 337089
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 58.1 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

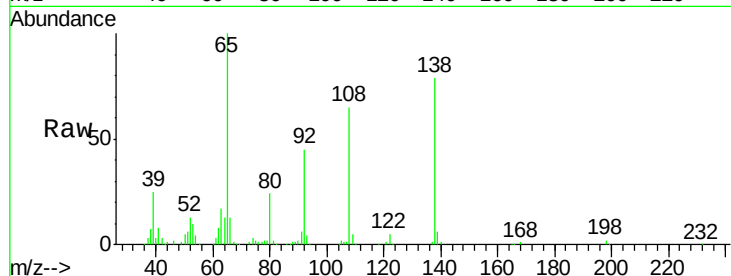




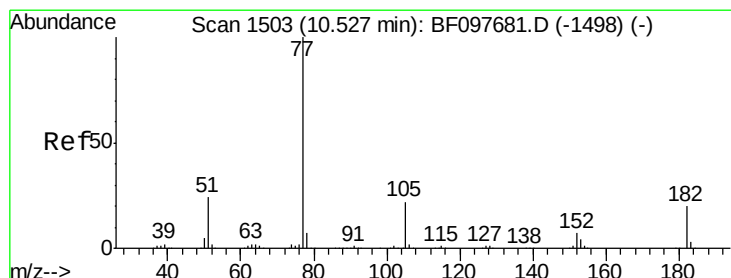
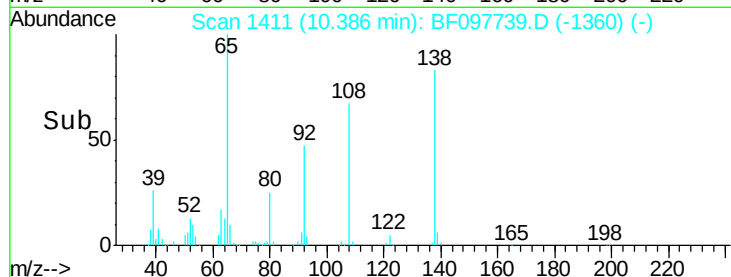
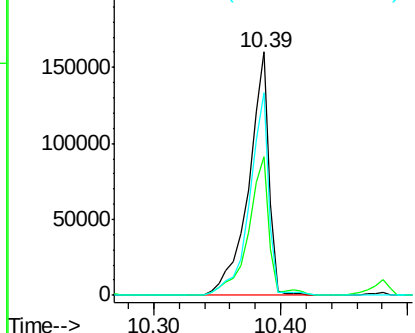
#61
4-Nitroaniline
Concen: 36.91 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion:138 Resp: 179385
Ion Ratio Lower Upper
138 100
92 57.2 21.8 61.8
108 83.3 42.3 82.3#

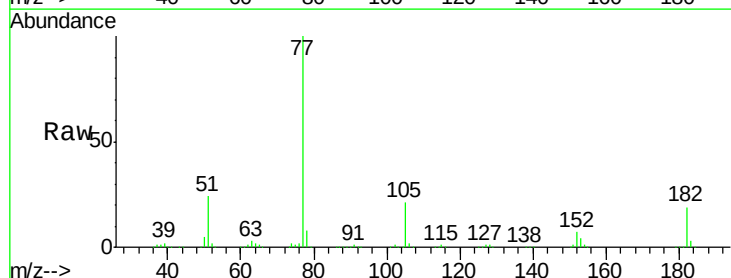


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

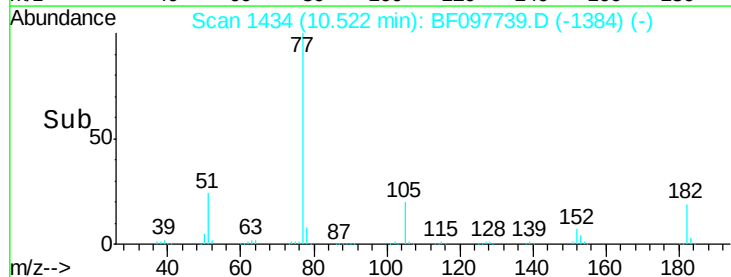
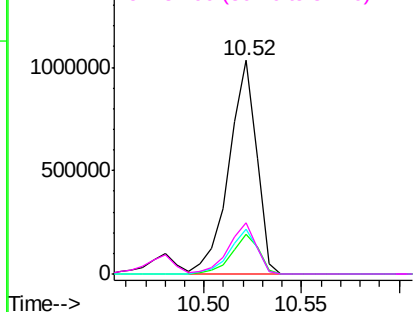


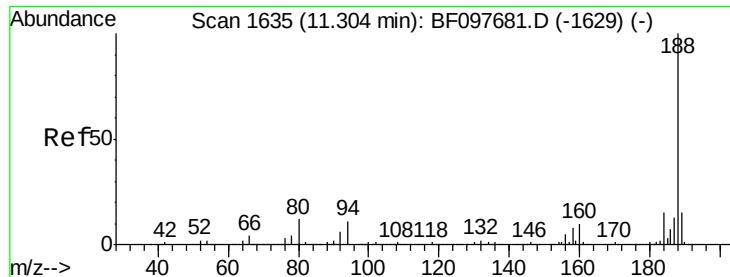
#62
Azobenzene
Concen: 41.15 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion: 77 Resp: 1014919
Ion Ratio Lower Upper
77 100
182 18.5 0.1 40.1
105 21.2 3.6 43.6
51 24.0 9.4 49.4



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

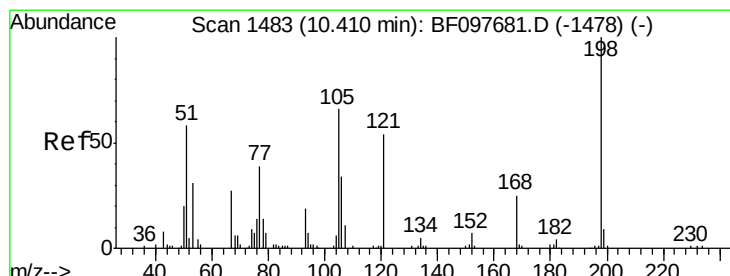
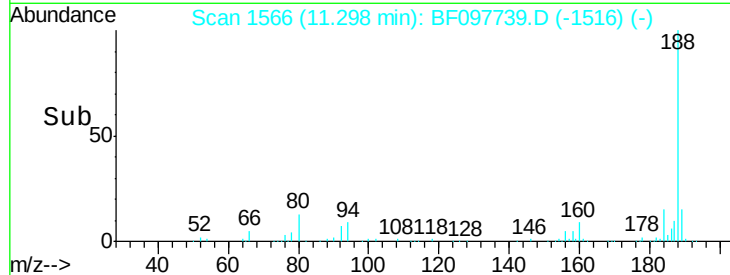
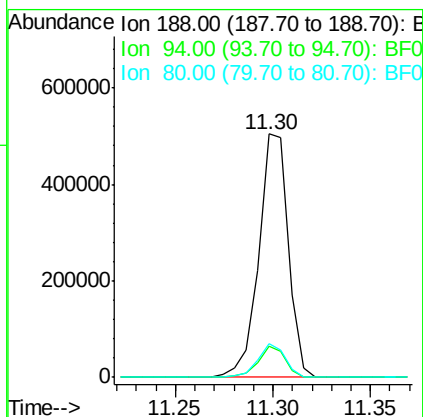
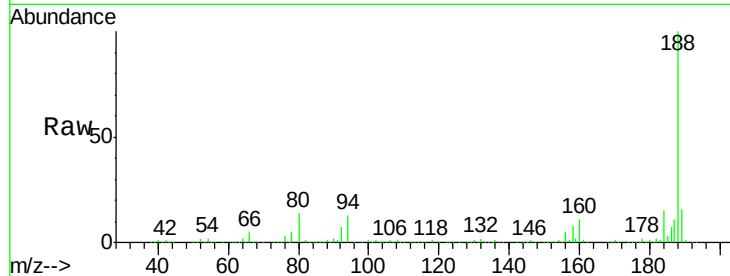




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

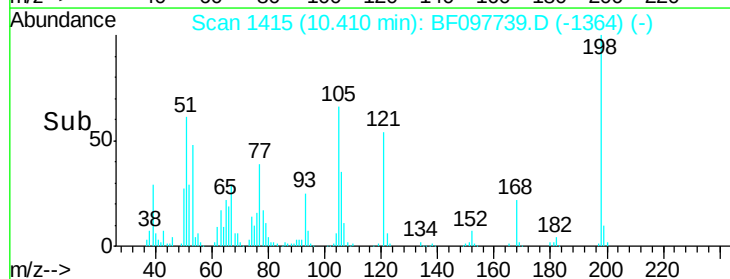
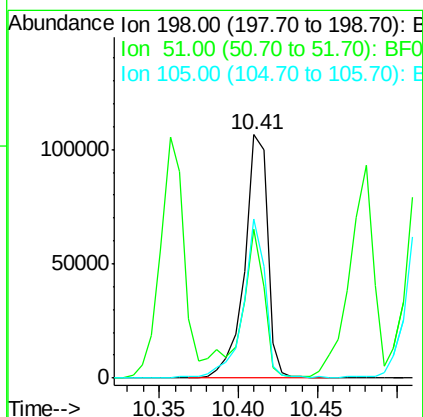
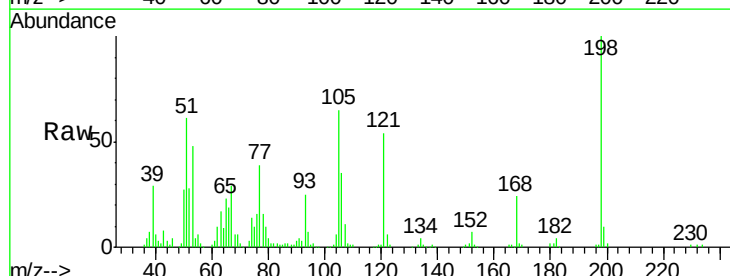
Instrument :
BNA_F
ClientSampleId :
PB101499BS

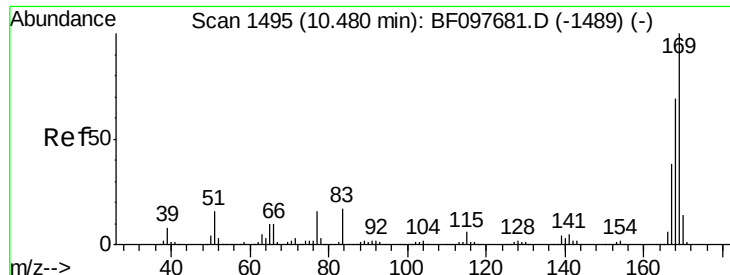
Tot Ion:188 Resp: 529055
Ion Ratio Lower Upper
188 100
94 12.9 9.4 14.2
80 13.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.00 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:198 Resp: 107616
Ion Ratio Lower Upper
198 100
51 61.1 53.2 93.2
105 65.3 45.8 85.8

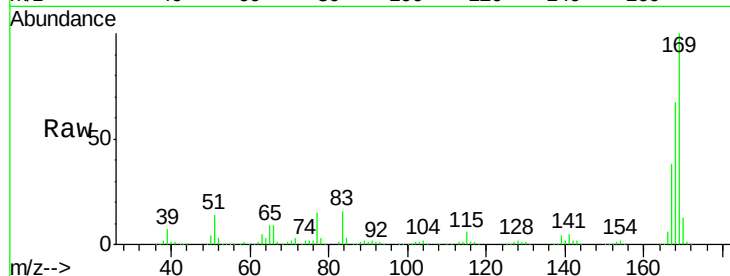




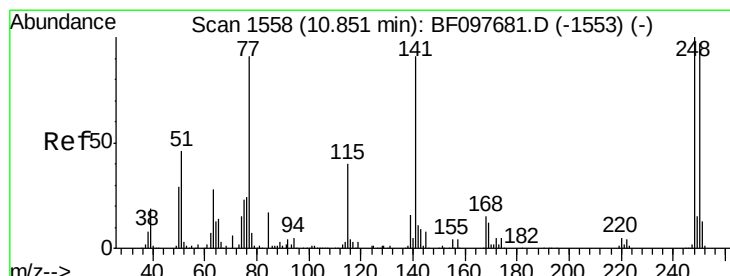
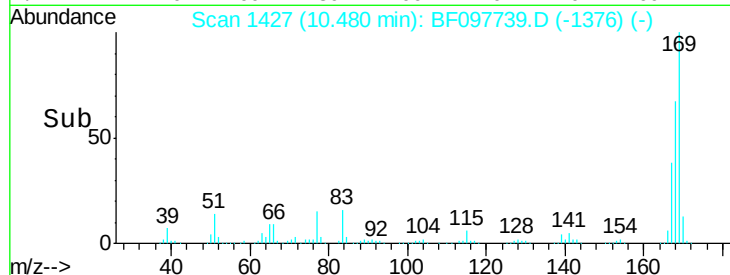
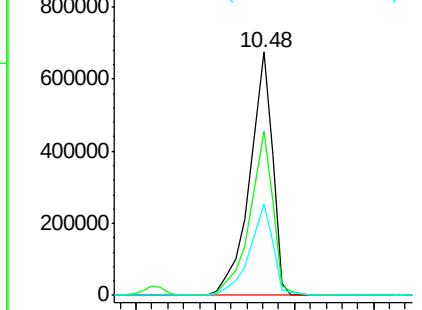
#65
 n-Nitrosodiphenylamine
 Concen: 37.38 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion:169 Resp: 673388
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 37.6 29.5 44.3

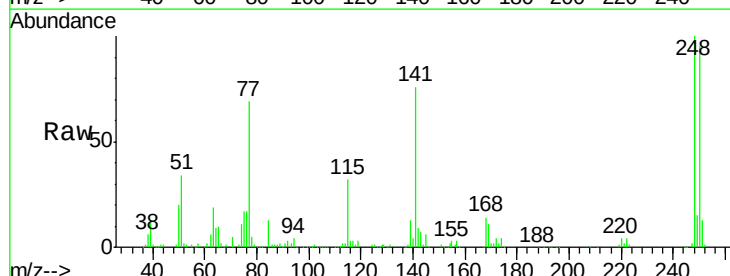


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

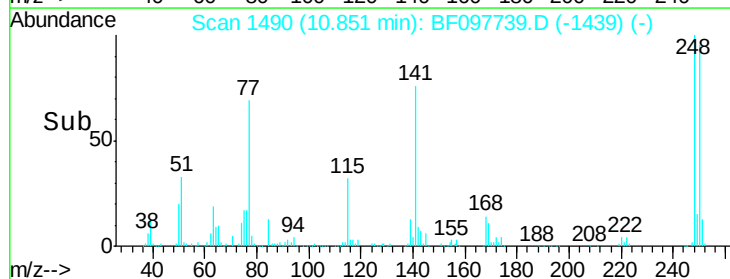
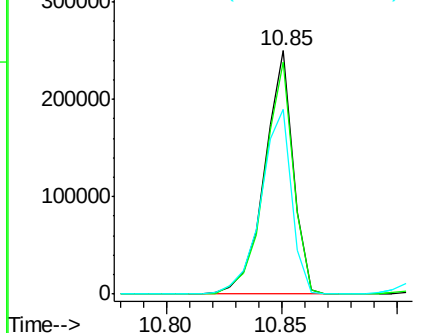


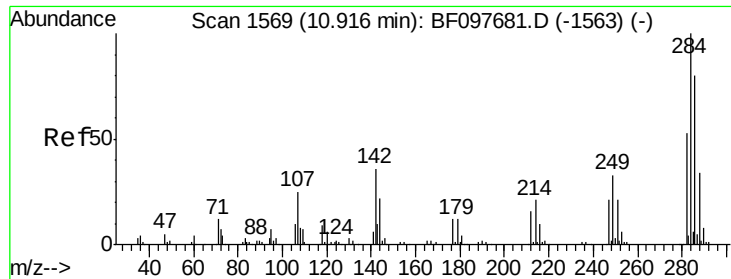
#66
 4-Bromophenyl-phenylether
 Concen: 39.17 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:248 Resp: 215177
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.8 115.2
 141 75.9 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

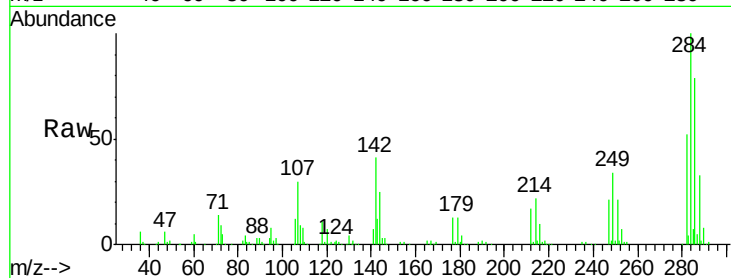




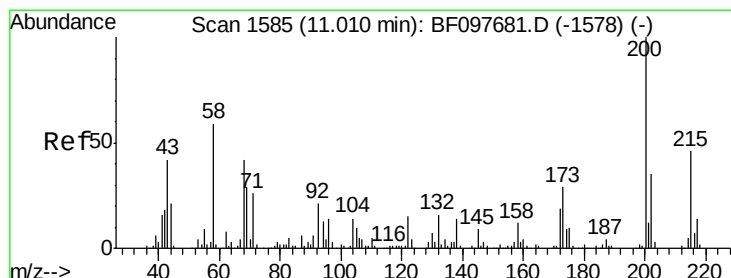
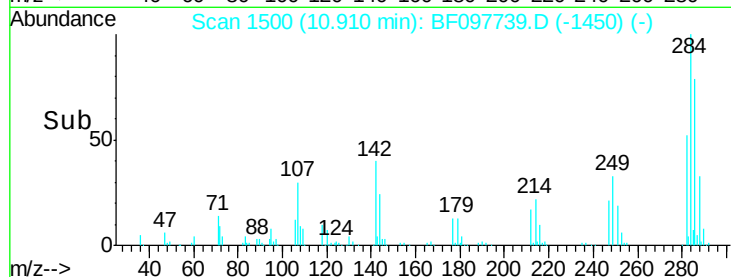
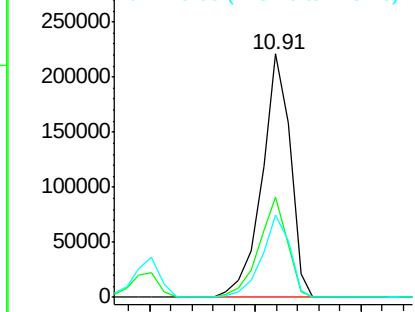
#67
Hexachlorobenzene
Concen: 36.74 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.3	22.8	34.2
249	33.8	24.0	36.0

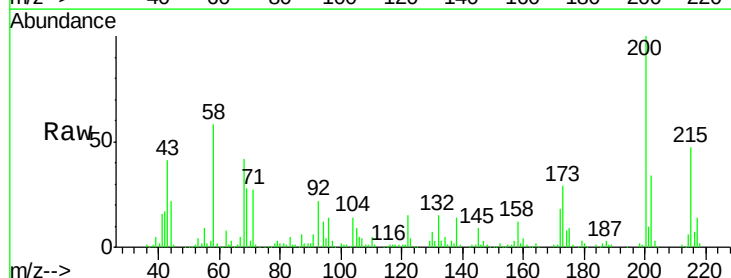


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

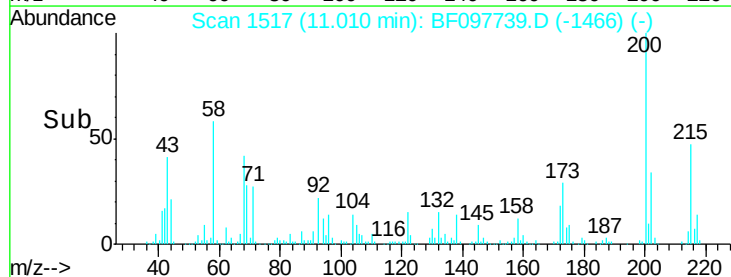
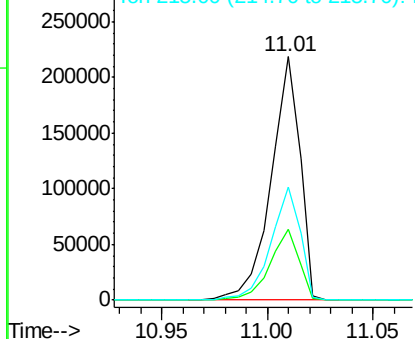


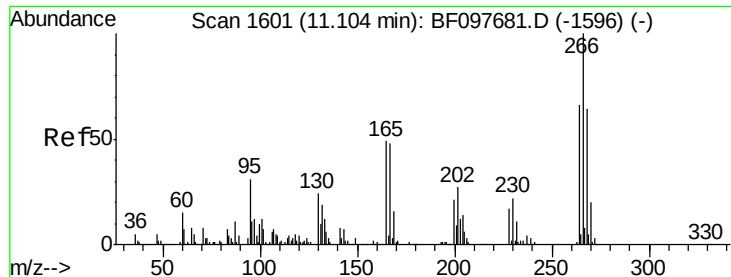
#68
Atrazine
Concen: 43.53 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	6.3	46.3
215	46.6	27.2	67.2



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

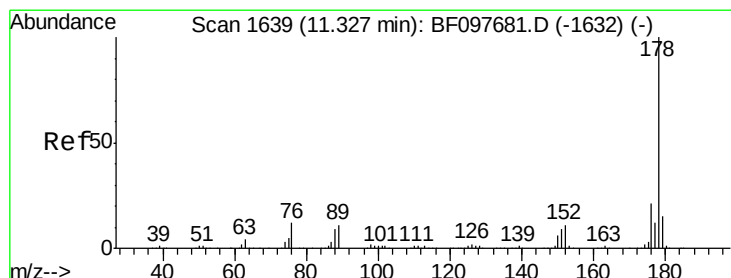
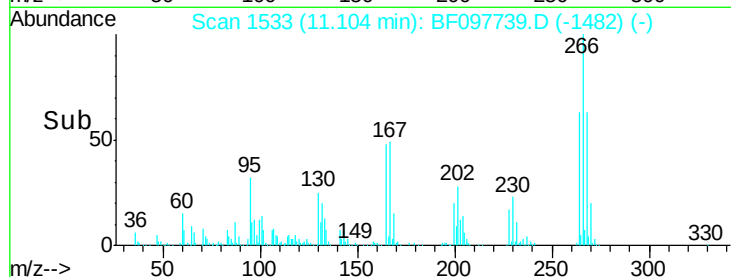
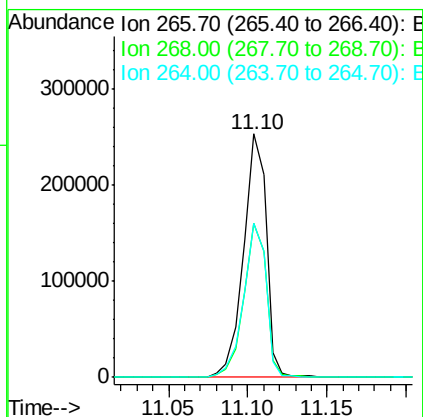
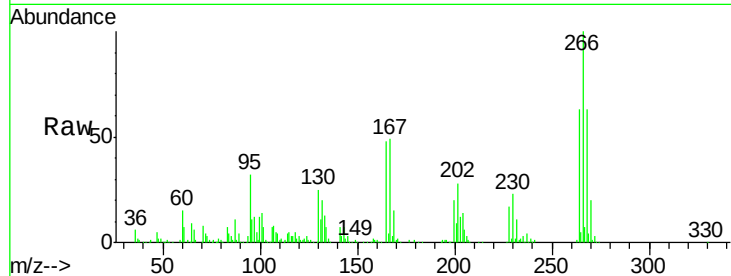




#69
 Pentachlorophenol
 Concen: 77.62 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

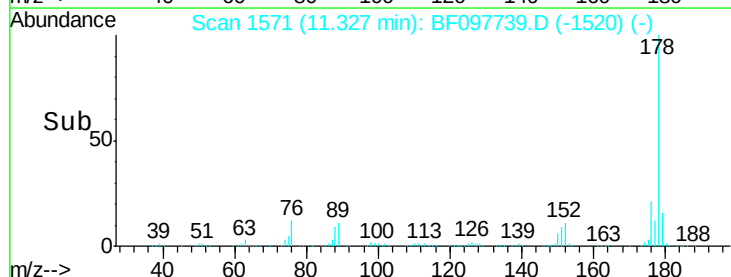
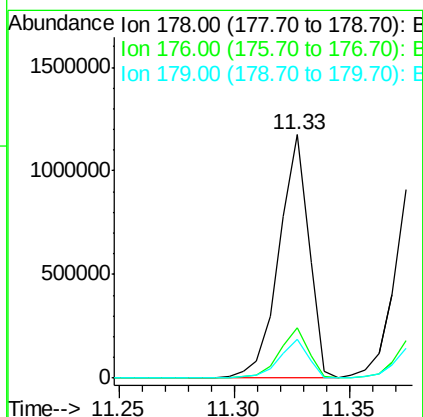
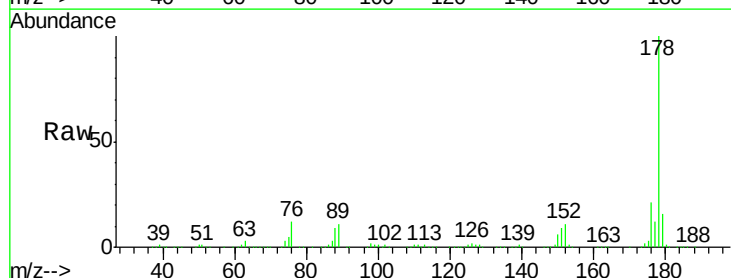
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

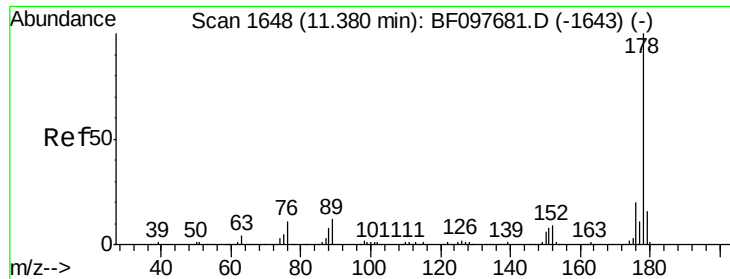
Tot Ion:266 Resp: 253414
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.4 51.7 77.5



#70
 Phenanthrene
 Concen: 37.19 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:178 Resp: 1048397
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 15.8 12.6 19.0

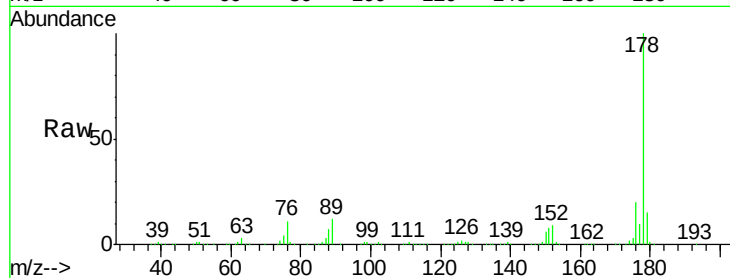




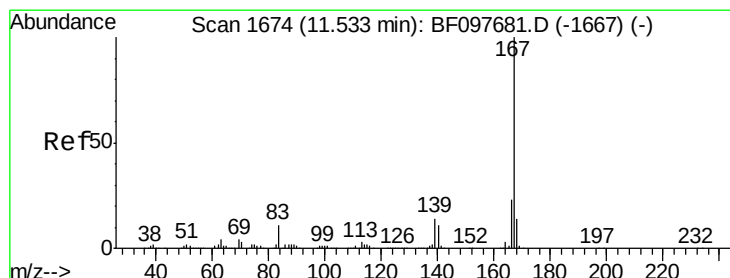
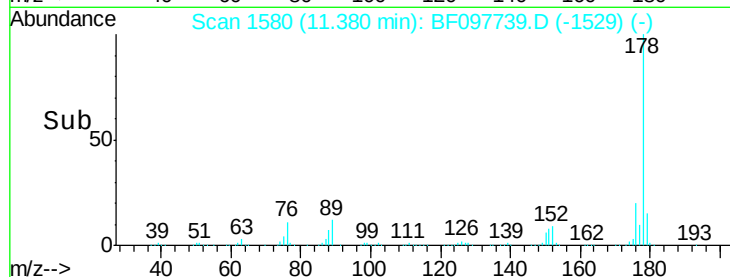
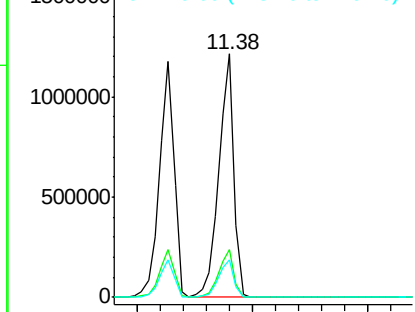
#71
 Anthracene
 Concen: 38.09 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

Tot Ion:178 Resp: 1089127
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.3 12.7 19.1

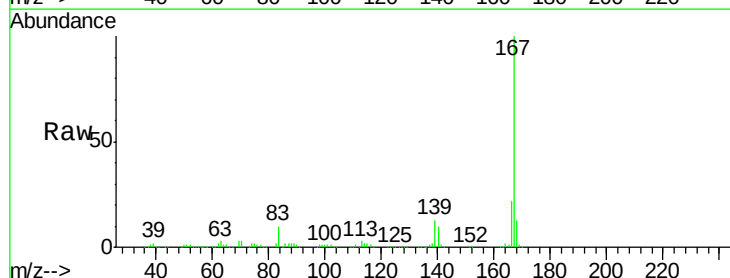


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

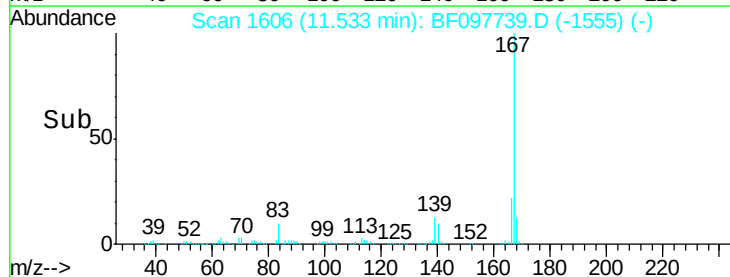
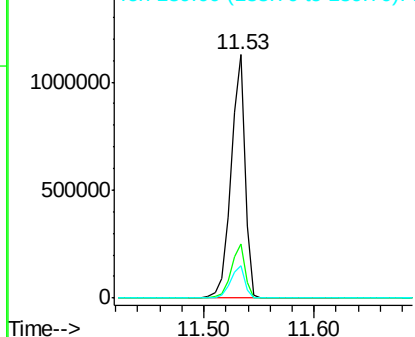


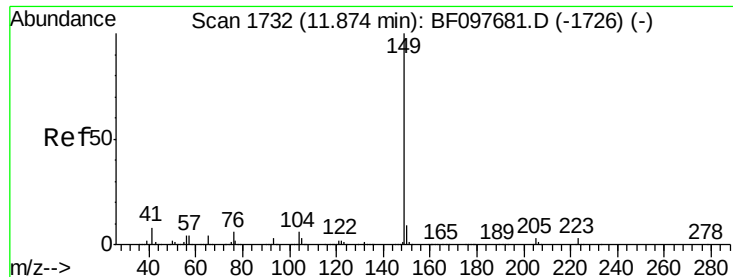
#72
 Carbazole
 Concen: 37.06 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:167 Resp: 1005785
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.2 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: 42.72 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

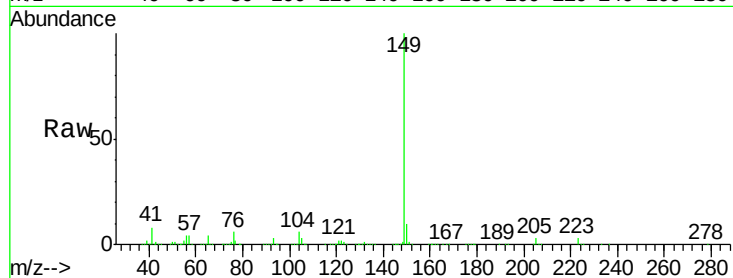
Tot Ion:149 Resp: 1335679

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

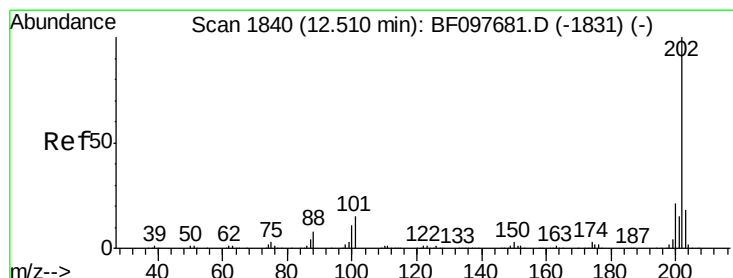
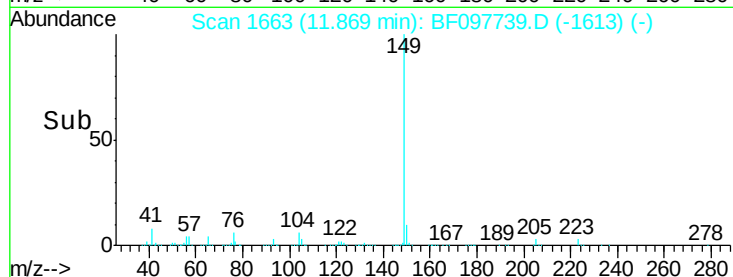
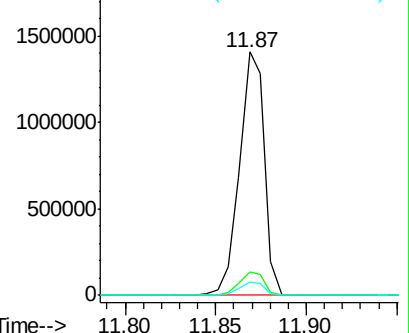
104 5.6 4.0 6.0



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: 36.92 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

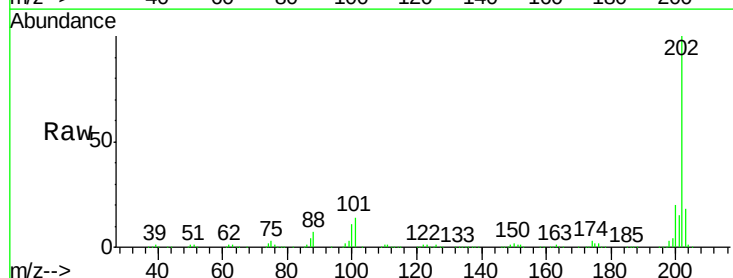
Tgt Ion:202 Resp: 1086417

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

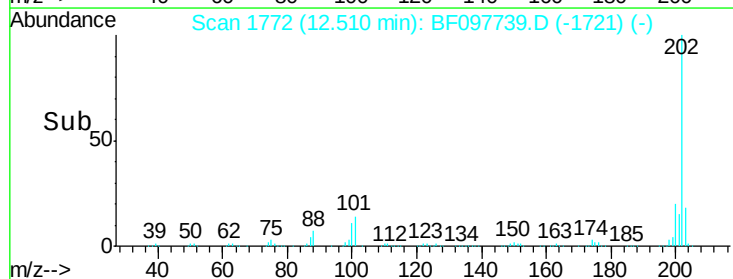
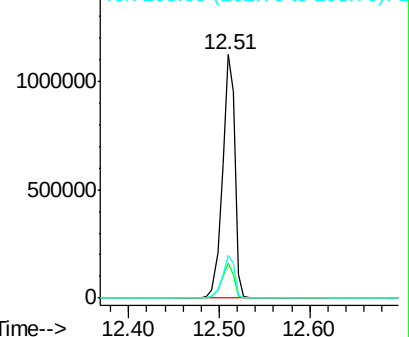
203 17.6 0.0 38.1

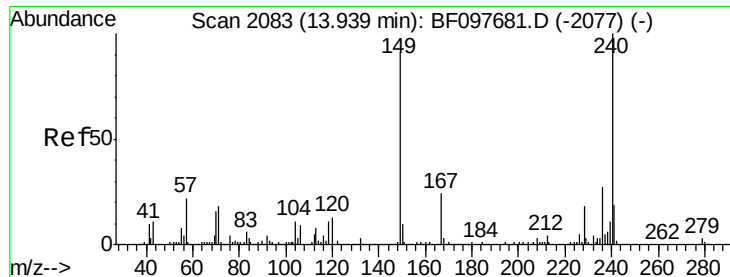


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

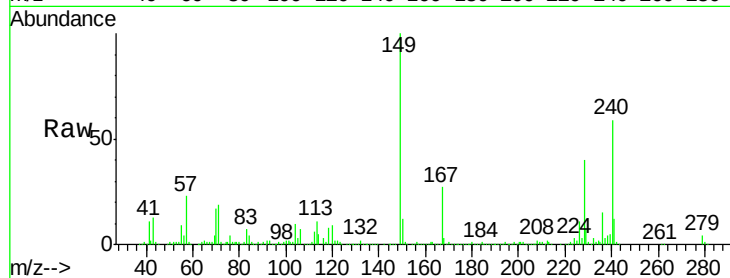
Tot Ion:240 Resp: 327107

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

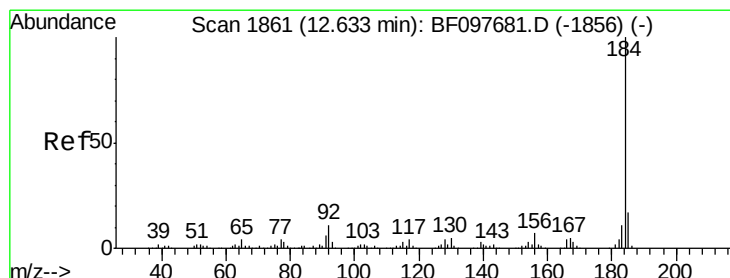
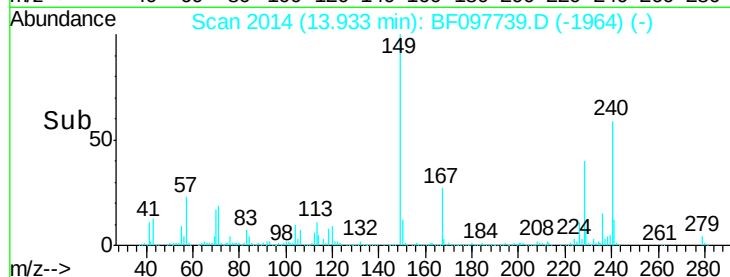
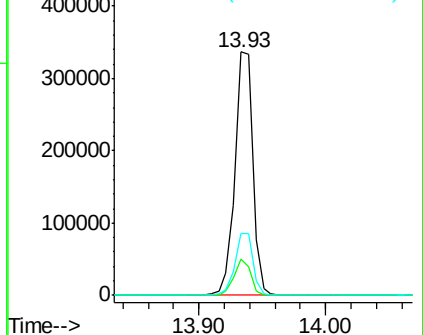
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.74 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

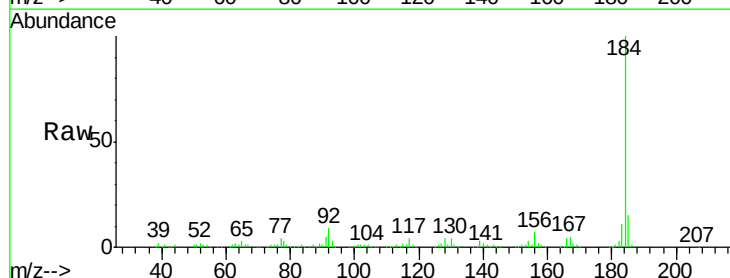
Tgt Ion:184 Resp: 308293

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

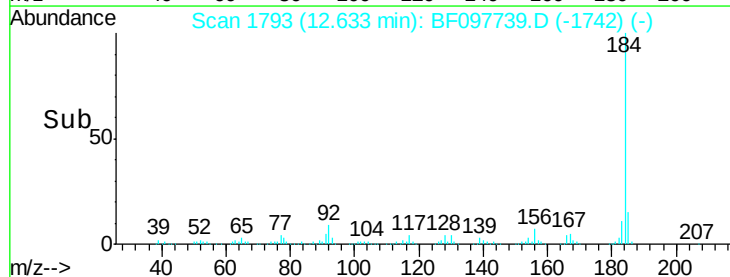
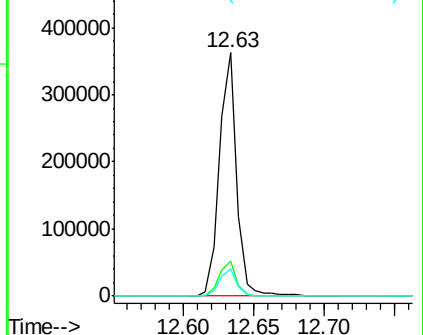
183 11.1 9.8 14.6

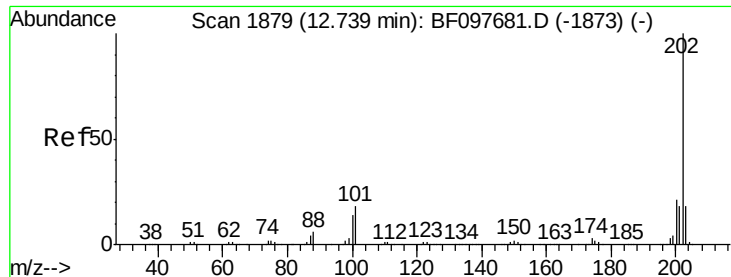


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.09 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

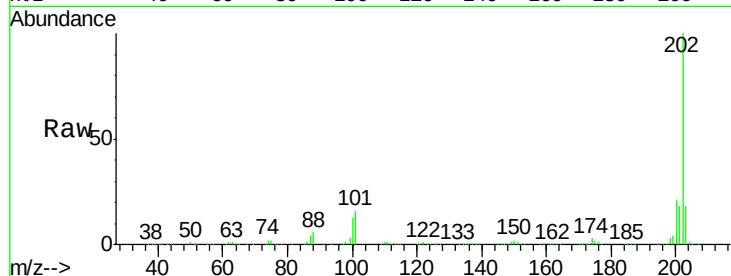
Tot Ion:202 Resp: 1099347

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

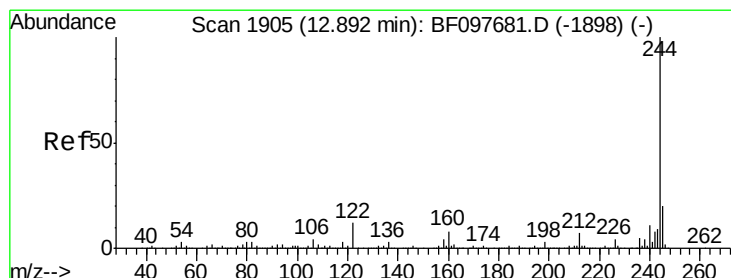
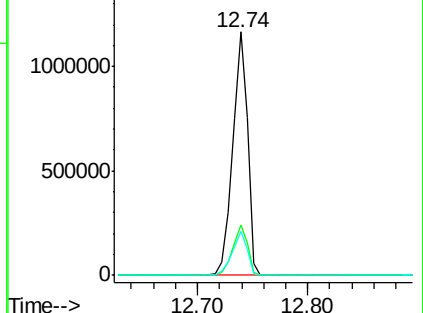
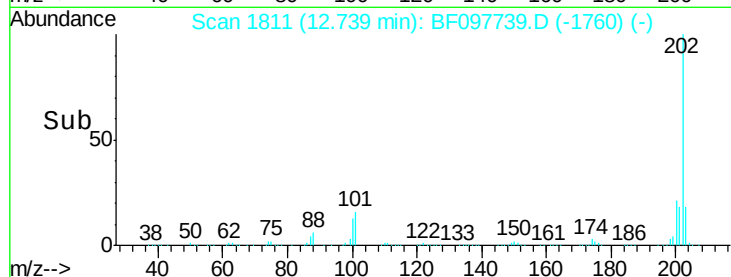
203 17.8 14.4 21.6



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: 82.48 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

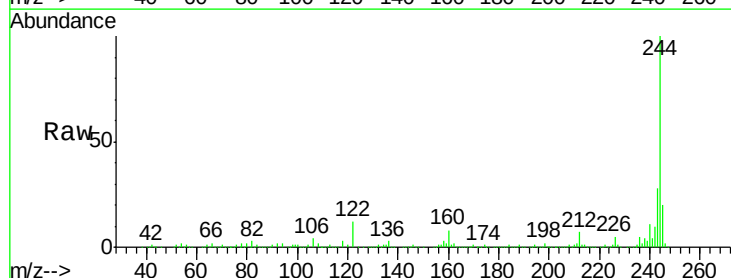
Tgt Ion:244 Resp: 1293757

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

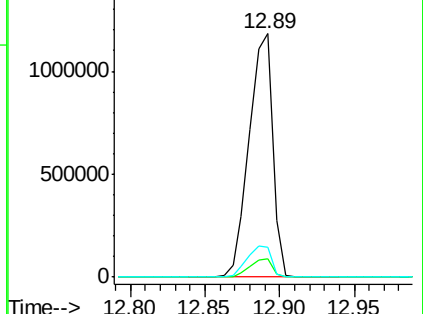
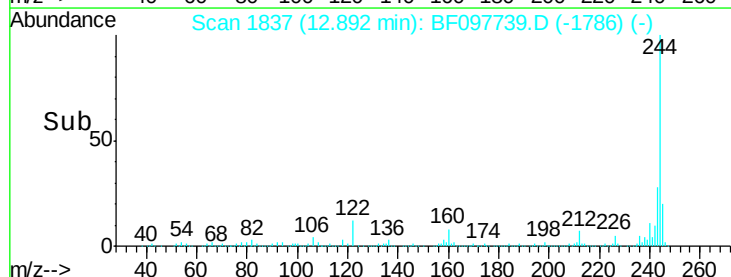
122 12.3 10.3 15.5

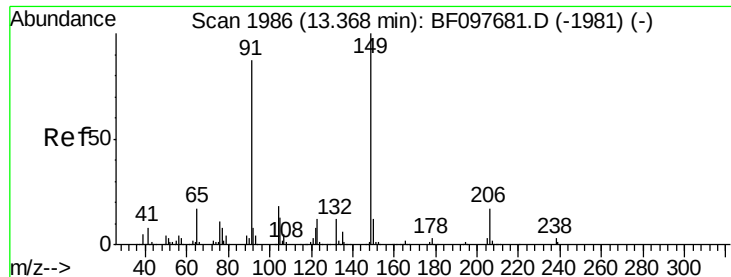


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

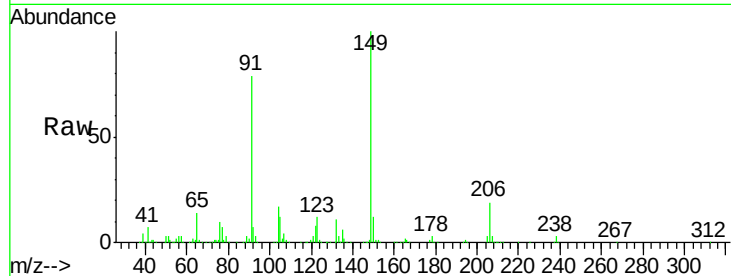




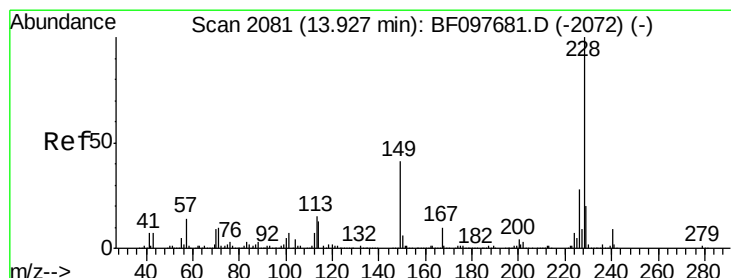
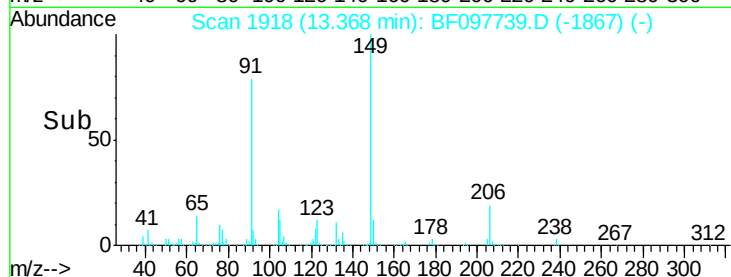
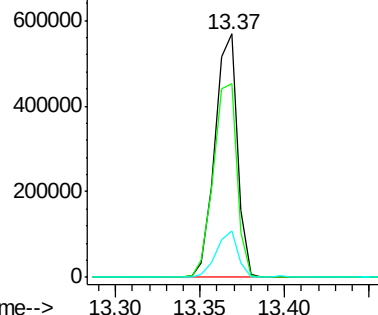
#79
Butylbenzylphthalate
Concen: 51.58 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_F
ClientSampleId :
PB101499BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.4	45.0	67.4#
206	19.3	17.0	25.6

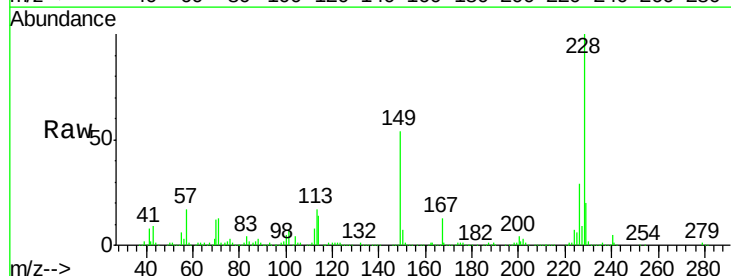


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

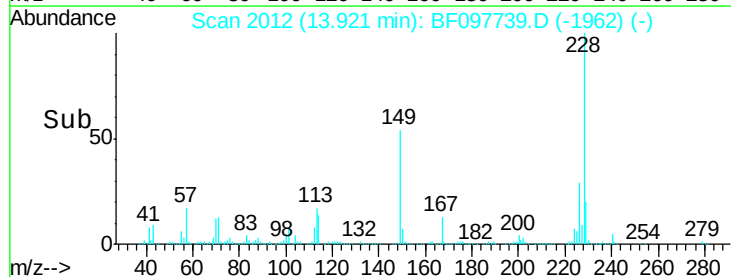
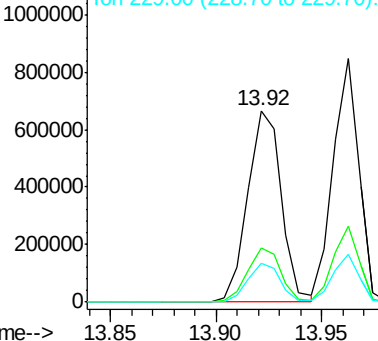


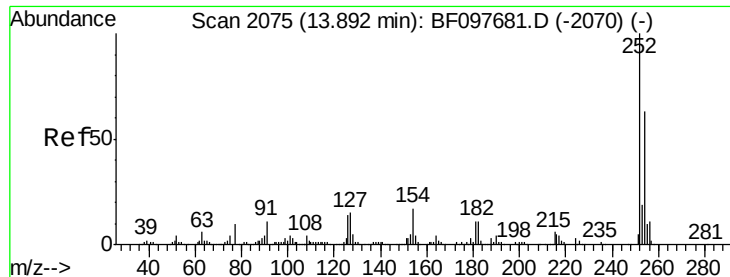
#80
Benzo(a)anthracene
Concen: 37.79 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.1	16.3	24.5



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

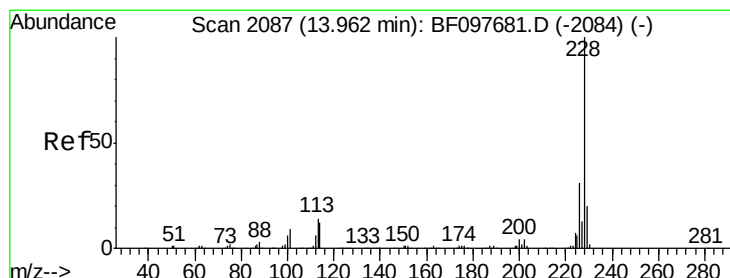
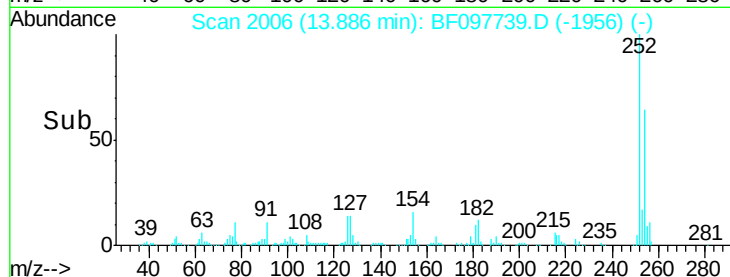
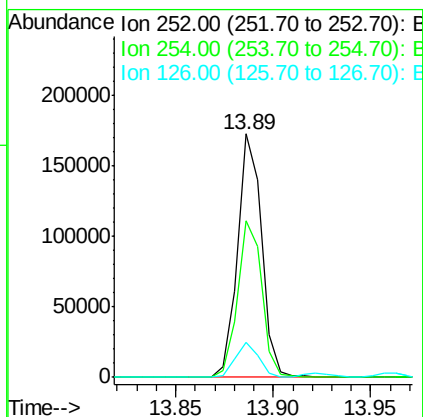
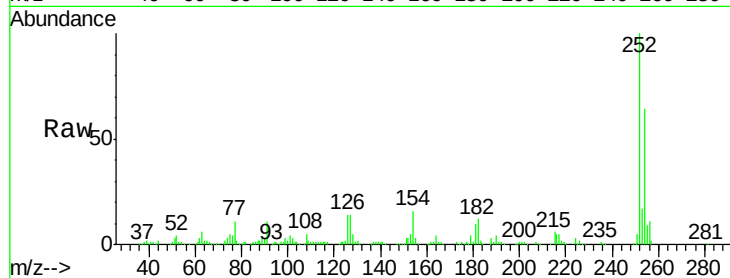




#81
 3,3'-Dichlorobenzidine
 Concen: 22.44 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

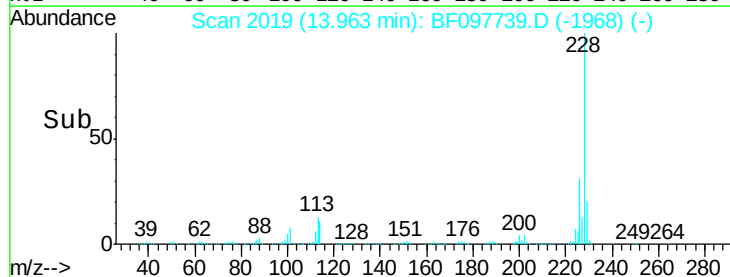
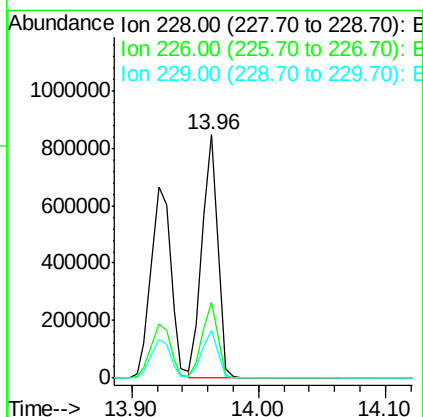
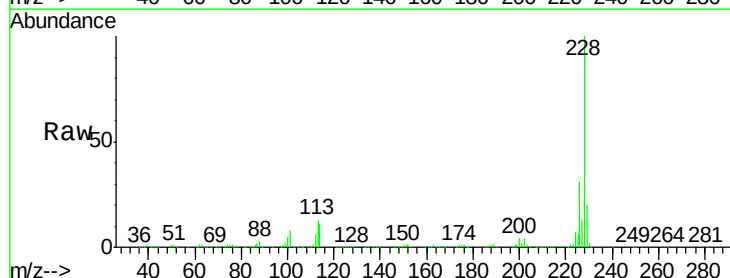
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

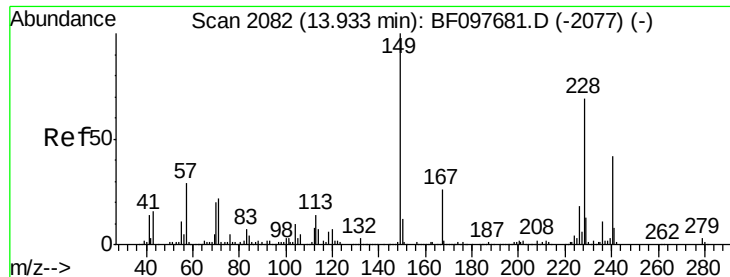
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	14.2	15.8	23.8#



#82
 Chrysene
 Concen: 37.12 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.82 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

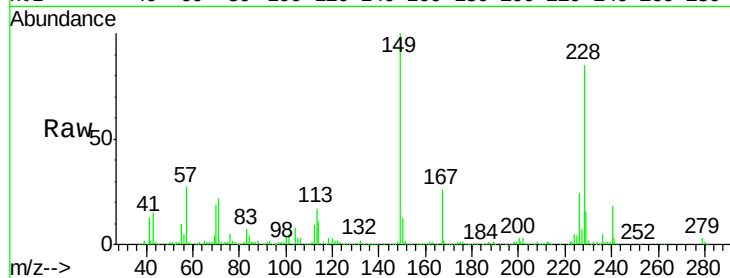
Tot Ion:149 Resp: 657194

Ion Ratio Lower Upper

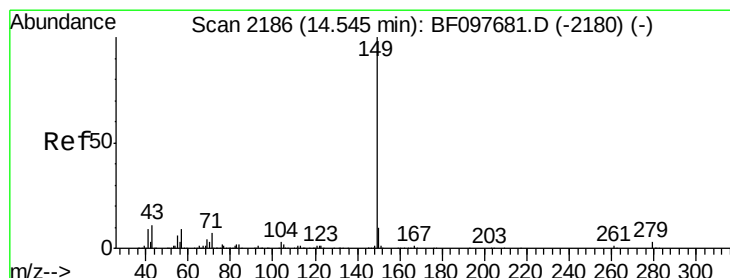
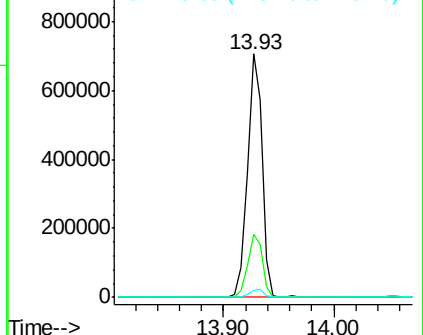
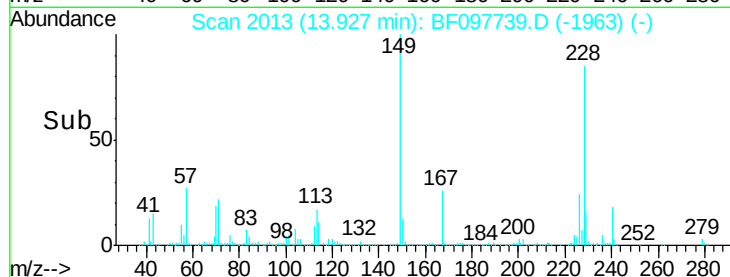
149 100

167 25.8 21.0 31.4

279 2.9 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: 55.65 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

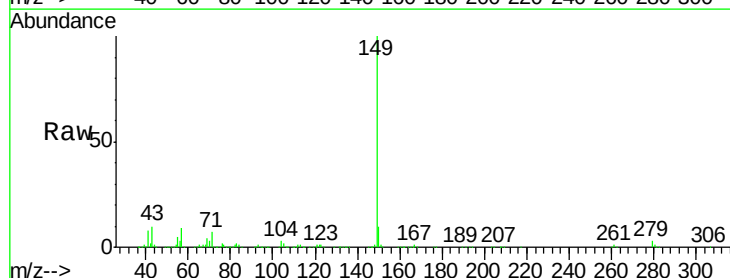
Tgt Ion:149 Resp: 1100501

Ion Ratio Lower Upper

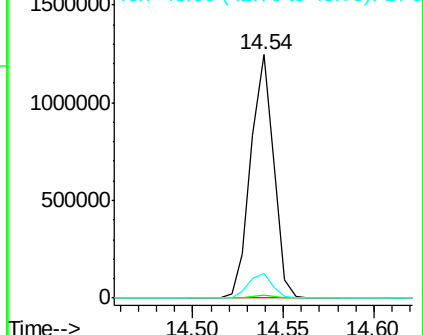
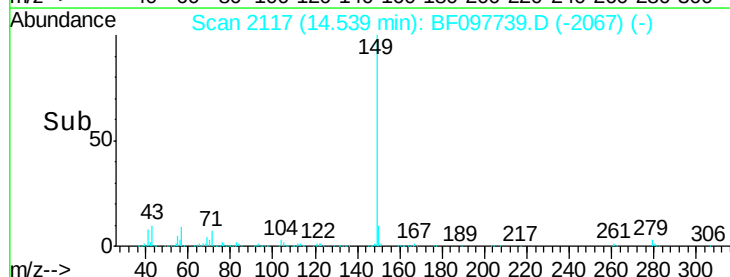
149 100

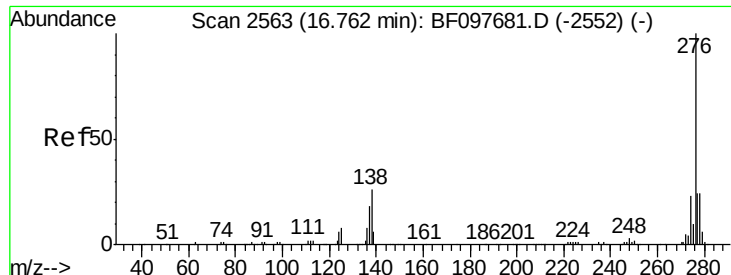
167 1.5 1.2 1.8

43 10.2 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

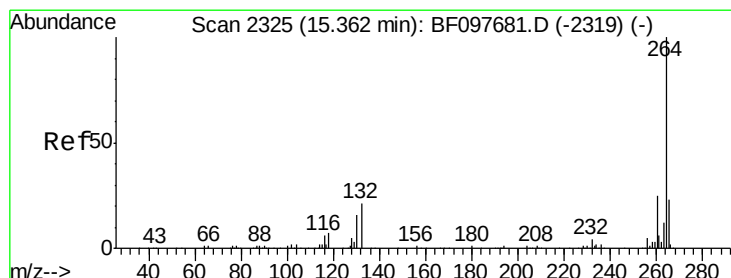
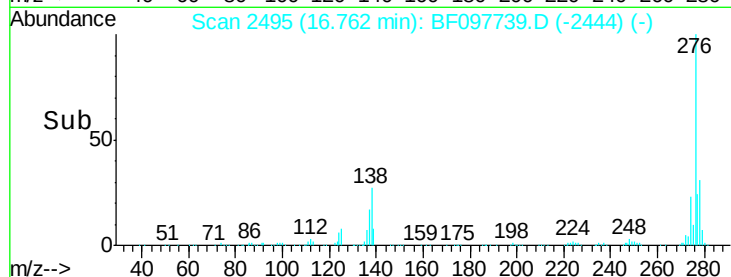
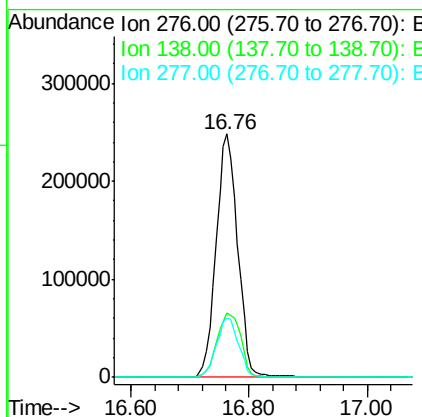
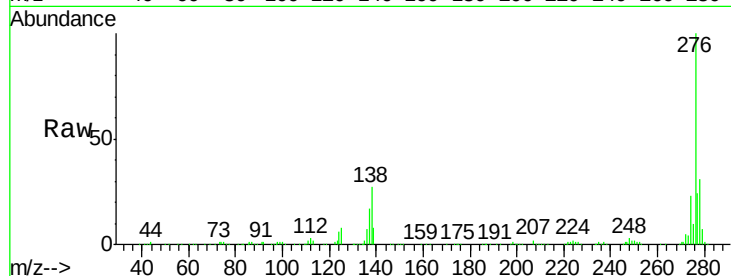




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.84 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

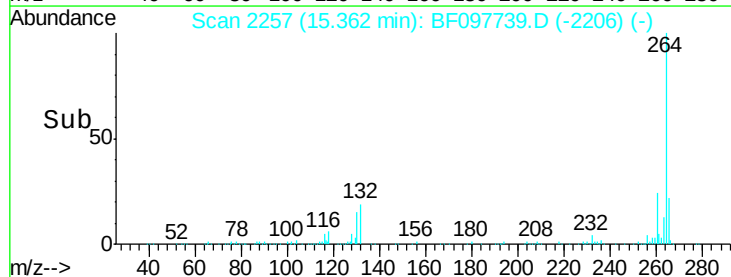
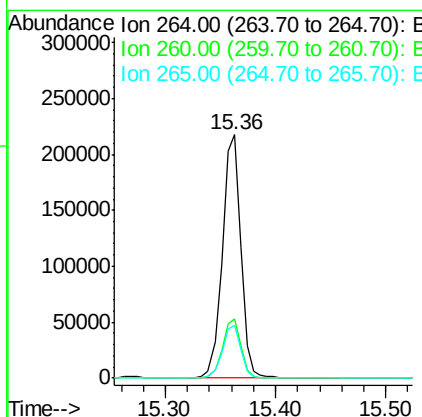
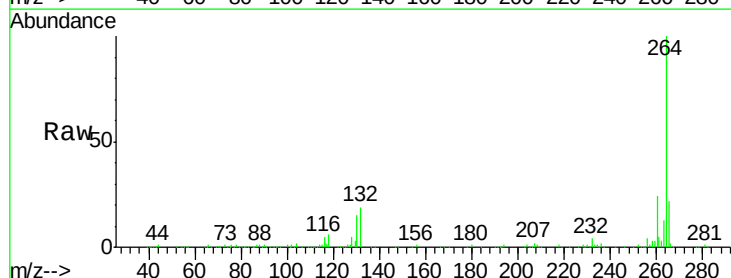
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BS

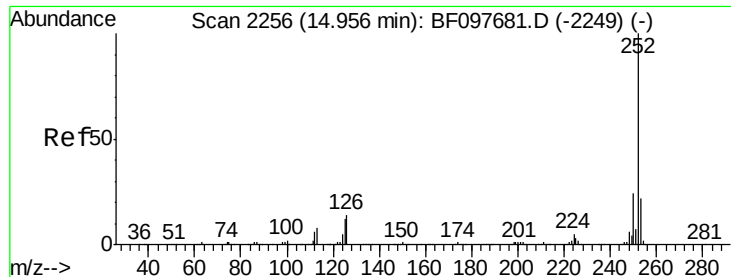
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097739.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.2	25.8

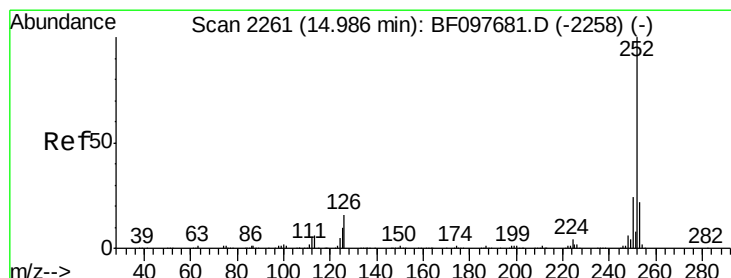
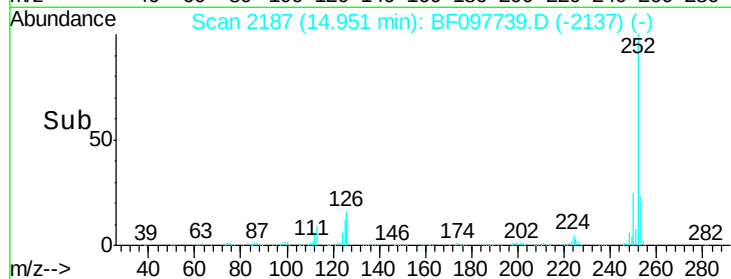
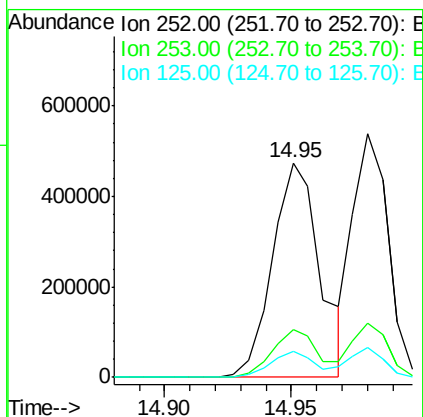
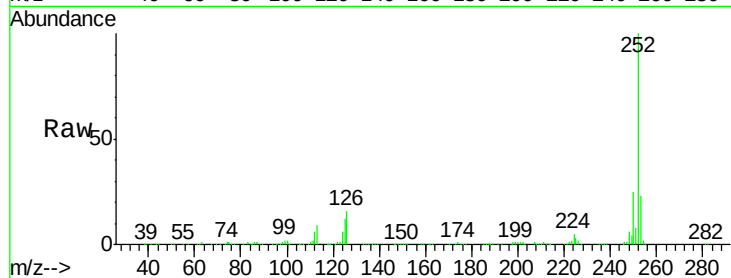




#87
Benzo(b)fluoranthene
Concen: 38.63 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

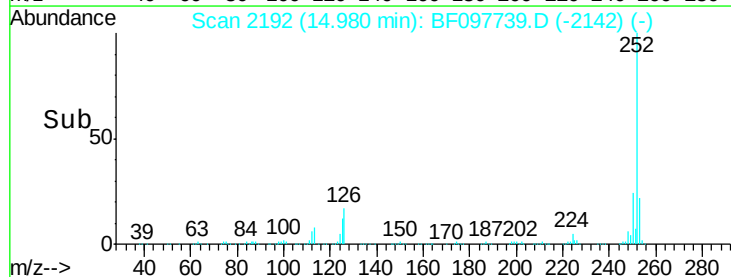
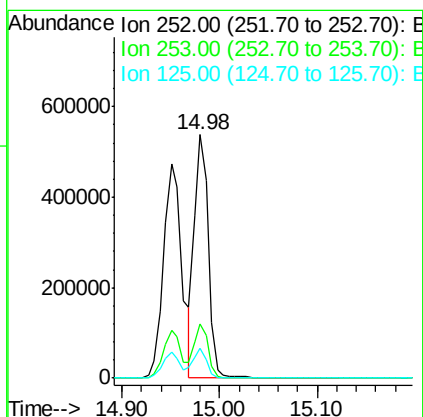
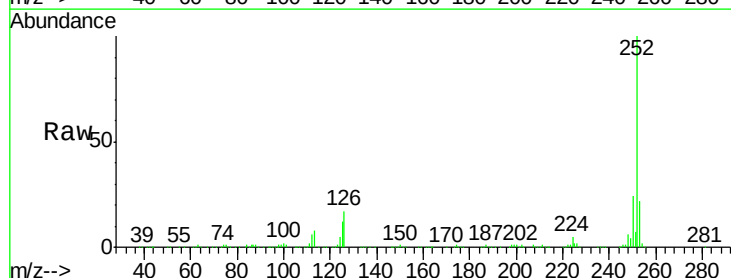
Instrument :
BNA_F
ClientSampleId :
PB101499BS

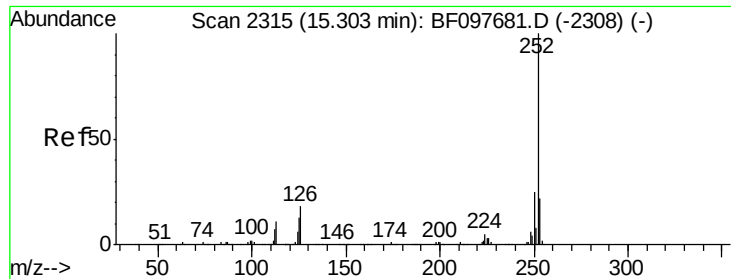
Tot Ion:252 Resp: 621209
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 35.10 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion:252 Resp: 530189
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 12.0 13.1 19.7#

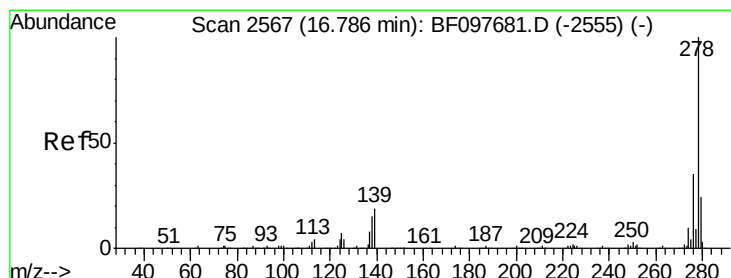
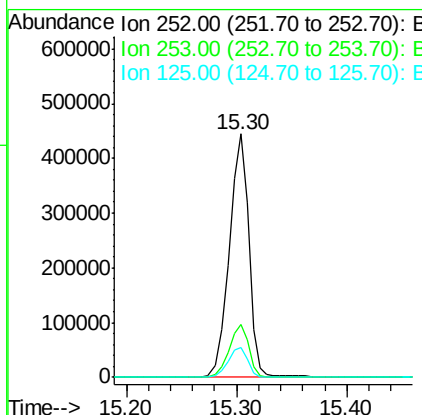
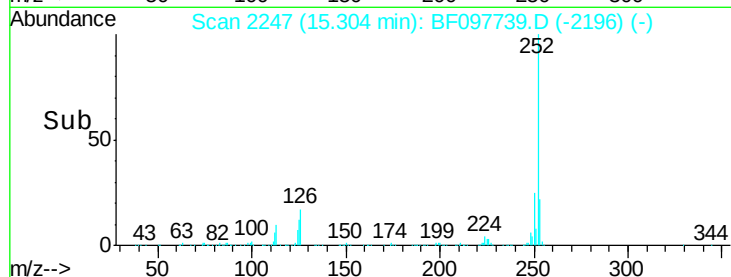
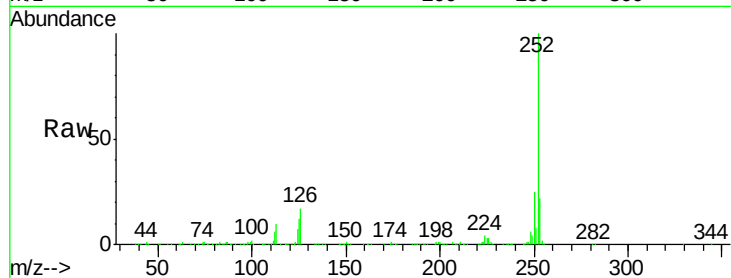




#89
Benzo(a)pyrene
Concen: 39.04 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

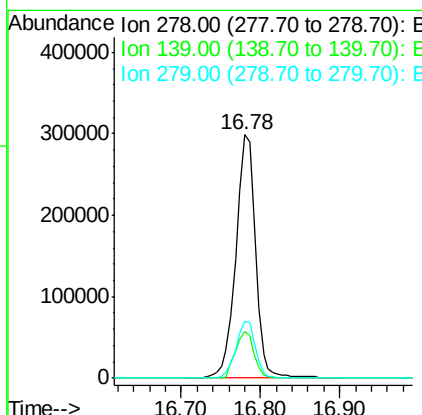
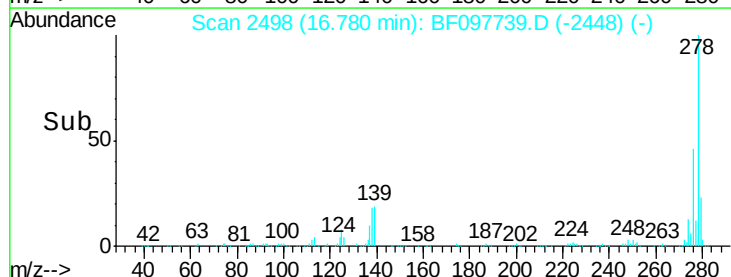
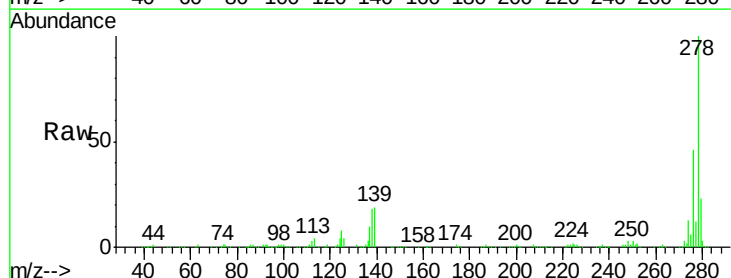
Instrument :
BNA_F
ClientSampleId :
PB101499BS

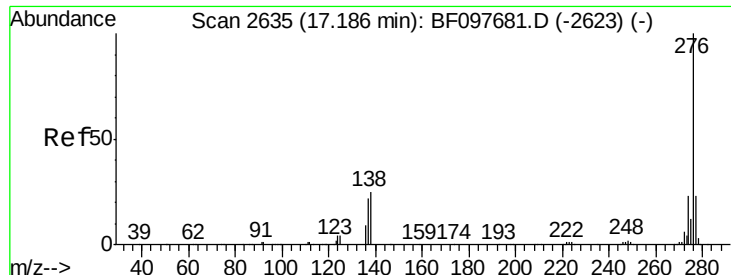
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.3	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 44.62 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BF097739.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	23.5	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.88 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BF097739.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_F

ClientSampleId :

PB101499BS

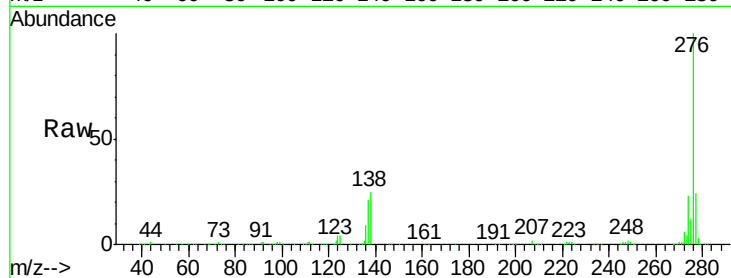
Tot Ion:276 Resp: 542695

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 25.3 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

