

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097361.D
 Acq On : 4 Aug 2017 17:46
 Operator : SJ/JU
 Sample : PB101226BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

Quant Time: Aug 04 22:58:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	100540	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	467277	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	191883	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	335420	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	216402	20.00	ng	-0.07
86) Perylene-d12	14.89	264	219624	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	892319	133.79	ng	-0.05
7) Phenol-d6	6.12	99	993231	130.45	ng	-0.05
23) Nitrobenzene-d5	7.02	82	636219	79.87	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	192657	127.08	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	1004457	88.84	ng	-0.07
78) Terphenyl-d14	12.52	244	858378	80.87	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	106585	38.30	ng	# 74
3) Pyridine	2.61	79	323789	37.99	ng	# 66
4) n-Nitrosodimethylamine	2.57	42	199161	42.18	ng	# 80
6) Aniline	6.11	93	186723	19.49	ng	# 54
8) 2-Chlorophenol	6.23	128	315214	44.20	ng	# 95
9) Benzaldehyde	5.98	77	182577	40.51	ng	# 95
10) Phenol	6.13	94	377453	41.79	ng	# 97
11) bis(2-Chloroethyl)ether	6.19	93	314597	44.04	ng	# 92
12) 1,3-Dichlorobenzene	6.37	146	318456	41.44	ng	# 97
13) 1,4-Dichlorobenzene	6.46	146	320262	42.05	ng	# 94
14) 1,2-Dichlorobenzene	6.61	146	283526	42.63	ng	# 98
15) Benzyl Alcohol	6.60	79	232582	48.25	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	608656	42.48	ng	# 70
17) 2-Methylphenol	6.73	107	239519	43.52	ng	# 89
18) Hexachloroethane	6.95	117	117779	42.27	ng	# 81
19) n-Nitroso-di-n-propylamine	6.87	70	217362	43.37	ng	# 82
20) 3+4-Methylphenols	6.89	107	332175	46.21	ng	# 62
22) Acetophenone	6.86	105	416968	37.16	ng	# 96
24) Nitrobenzene	7.03	77	325440	39.23	ng	# 93
25) Isophorone	7.27	82	625762	40.12	ng	# 98
26) 2-Nitrophenol	7.35	139	185074	41.24	ng	# 89
27) 2,4-Dimethylphenol	7.41	122	298672	40.34	ng	# 96
28) bis(2-Chloroethoxy)methane	7.49	93	425605	41.81	ng	# 99
29) 2,4-Dichlorophenol	7.60	162	276555	43.36	ng	# 95
30) 1,2,4-Trichlorobenzene	7.67	180	241877	39.79	ng	# 96
31) Naphthalene	7.75	128	913406	41.47	ng	# 99
32) Benzoic acid	7.59	122	219061	39.62	ng	# 86
33) 4-Chloroaniline	7.82	127	78450	8.75	ng	# 98
34) Hexachlorobutadiene	7.86	225	123041	38.18	ng	# 98
35) Caprolactam	8.19	113	61243	29.95	ng	# 50
36) 4-Chloro-3-methylphenol	8.32	107	281049	40.39	ng	# 91
37) 2-Methylnaphthalene	8.43	142	597978	42.88	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	202490	39.55	ng	# 99
40) Hexachlorocyclopentadiene	8.59	237	122188	69.22	ng	# 98

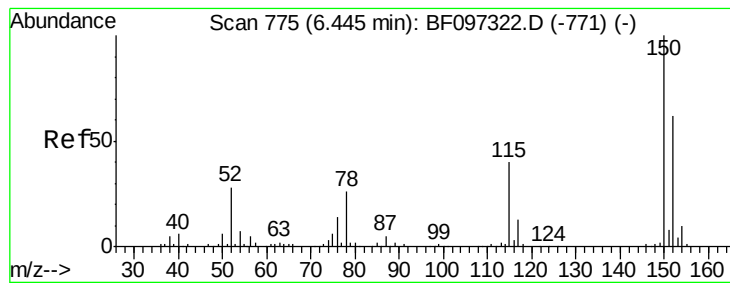
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	147834	39.84	nq	99
43) 2,4,5-Trichlorophenol	8.77	196	145133	39.08	nq	98
45) 1,1'-Biphenyl	8.90	154	644069	39.30	nq	97
46) 2-Chloronaphthalene	8.92	162	505102	41.88	nq	# 91
47) 2-Nitroaniline	9.03	65	204132	46.64	nq	97
48) Acenaphthylene	9.33	152	784166	42.36	nq	99
49) Dimethylphthalate	9.21	163	627228	43.05	nq	99
50) 2,6-Dinitrotoluene	9.27	165	135821	43.95	nq	# 90
51) Acenaphthene	9.50	154	461256	42.30	nq	98
52) 3-Nitroaniline	9.44	138	75971	19.80	nq	91
53) 2,4-Dinitrophenol	9.56	184	132332	94.17	nq	# 76
54) Dibenzofuran	9.67	168	686116	47.24	nq	95
55) 4-Nitrophenol	9.64	139	150618	66.03	nq	# 65
56) 2,4-Dinitrotoluene	9.68	165	175559	49.41	nq	# 73
57) Fluorene	10.01	166	498959	45.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	125576	48.97	nq	96
59) Diethylphthalate	9.90	149	603599	45.15	nq	99
60) 4-Chlorophenyl-phenylether	10.00	204	204127	45.28	nq	99
61) 4-Nitroaniline	10.05	138	158561	43.50	nq	93
62) Azobenzene	10.17	77	610678	49.24	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	93943	45.07	nq	91
65) n-Nitrosodiphenylamine	10.13	169	498805	42.74	nq	98
66) 4-Bromophenyl-phenylether	10.49	248	141555	42.29	nq	93
67) Hexachlorobenzene	10.56	284	148229	39.49	nq	# 84
68) Atrazine	10.66	200	143969	43.02	nq	93
69) Pentachlorophenol	10.76	266	109924	70.78	nq	99
70) Phenanthrene	10.96	178	777247	43.25	nq	99
71) Anthracene	11.02	178	799008	43.41	nq	99
72) Carbazole	11.17	167	806606	44.56	nq	99
73) Di-n-butylphthalate	11.52	149	966379	43.19	nq	99
74) Fluoranthene	12.14	202	790552	44.90	nq	98
76) Benzidine	12.27	184	191379	23.83	nq	# 92
77) Pyrene	12.36	202	835472	47.16	nq	100
79) Butylbenzylphthalate	12.99	149	431958	47.93	nq	# 77
80) Benzo(a)anthracene	13.54	228	627537	44.82	nq	99
81) 3,3'-Dichlorobenzidine	13.52	252	168405	31.89	nq	# 97
82) Chrysene	13.59	228	634353	46.40	nq	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	493331	41.93	nq	98
84) Di-n-octyl phthalate	14.16	149	983880	45.57	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.10	276	477003	40.69	nq	97
87) Benzo(b)fluoranthene	14.54	252	589150	44.63	nq	97
88) Benzo(k)fluoranthene	14.57	252	506924	40.29	nq	97
89) Benzo(a)pyrene	14.84	252	522479	43.24	nq	98
90) Dibenzo(a,h)anthracene	16.10	278	391487	39.51	nq	97
91) Benzo(g,h,i)perylene	16.44	276	432166	41.59	nq	98

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

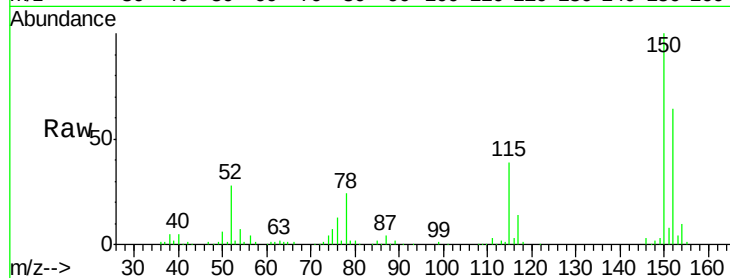


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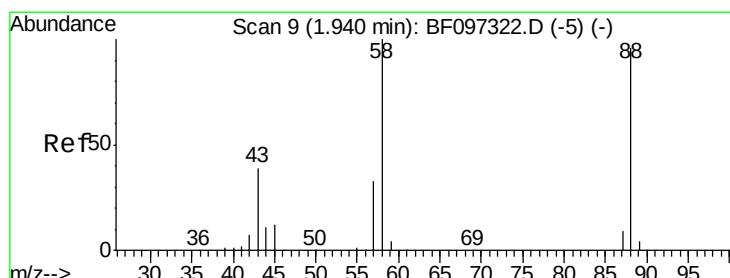
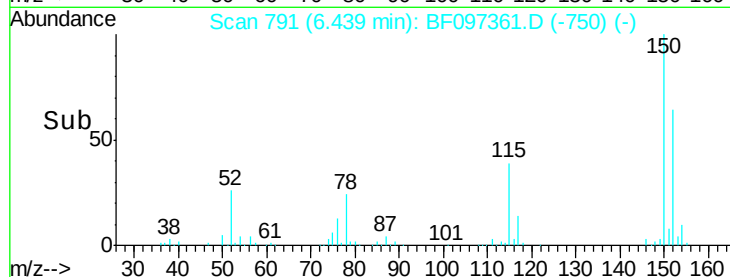
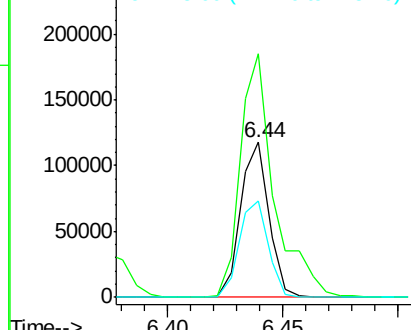
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Instrument :
BNA_F
ClientSampleId :
PB101226BS

Tot Ion:152 Resp: 100540
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 61.9 52.2 78.2



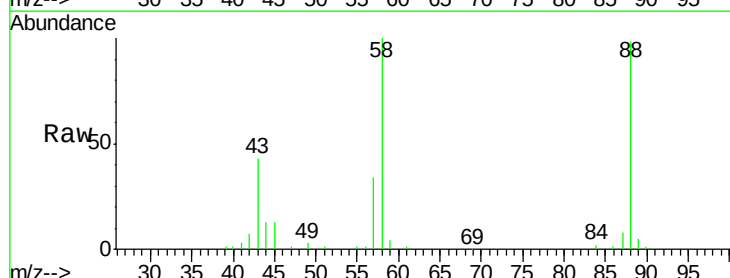
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



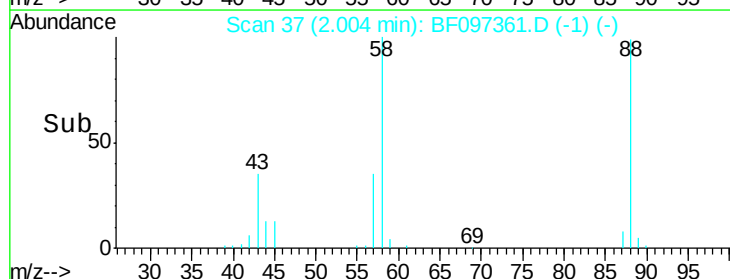
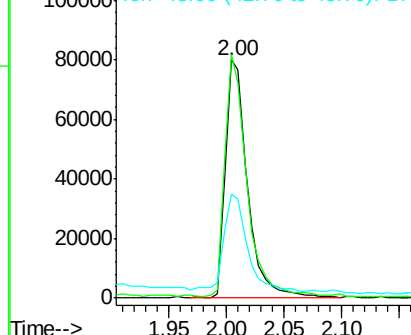
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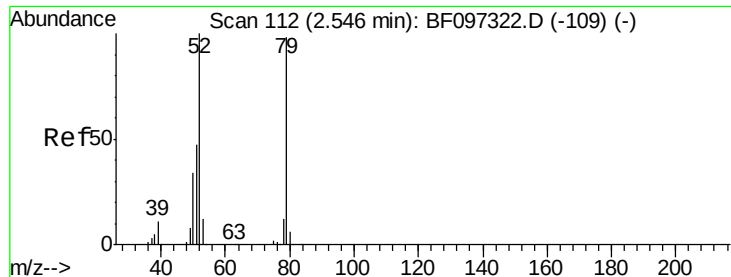
1,4-Dioxane
Concen: 38.30 ng
RT: 2.00 min Scan# 37
Delta R.T. -0.04 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion: 88 Resp: 106585
Ion Ratio Lower Upper
88 100
58 99.6 61.4 92.0#
43 41.9 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: 37.99 ng

RT: 2.61 min Scan# 140

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

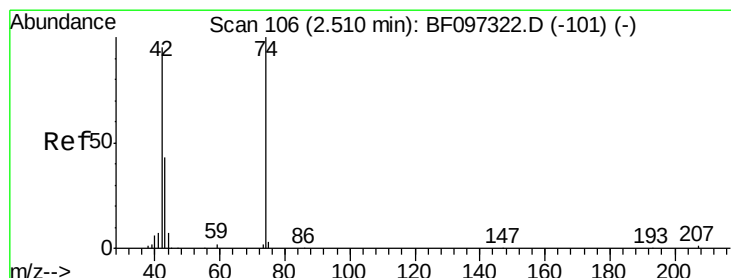
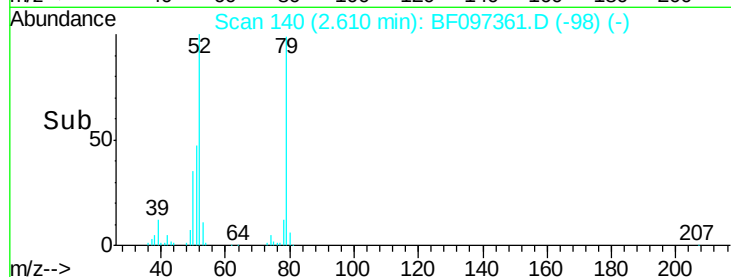
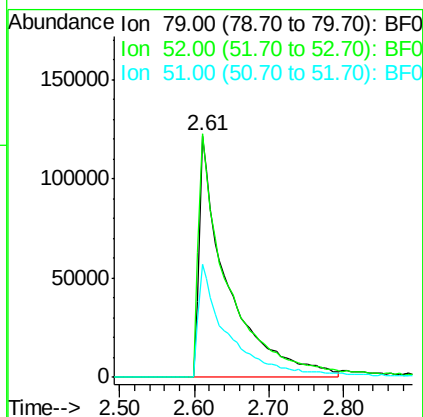
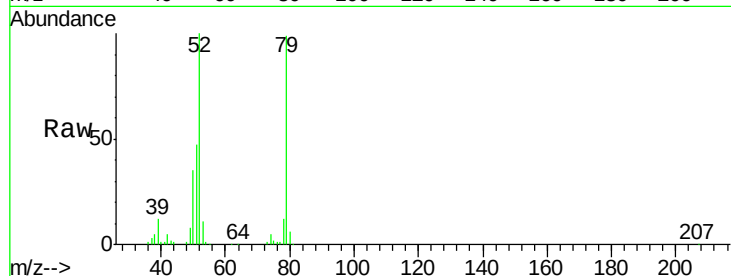
Tot Ion: 79 Resp: 323789

Ion Ratio Lower Upper

79 100

52 100.9 54.8 82.2#

51 47.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 42.18 ng

RT: 2.57 min Scan# 133

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

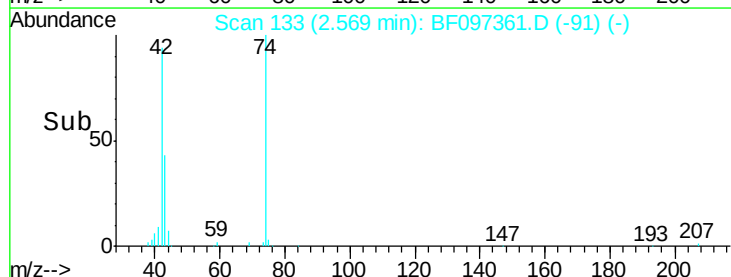
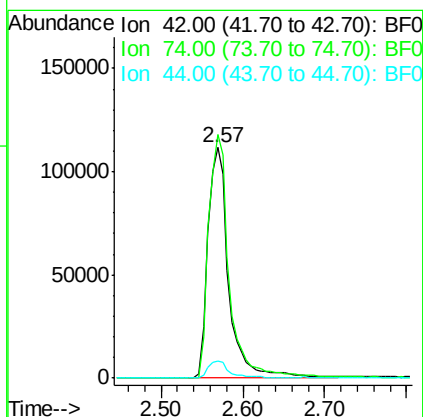
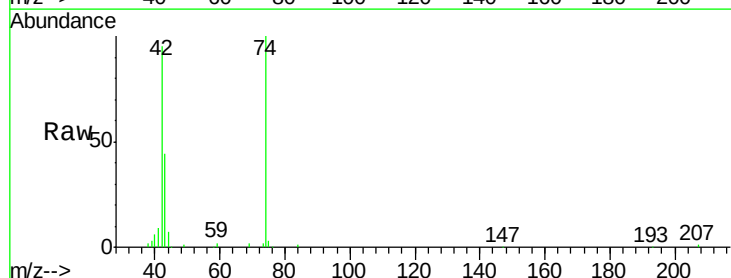
Tgt Ion: 42 Resp: 199161

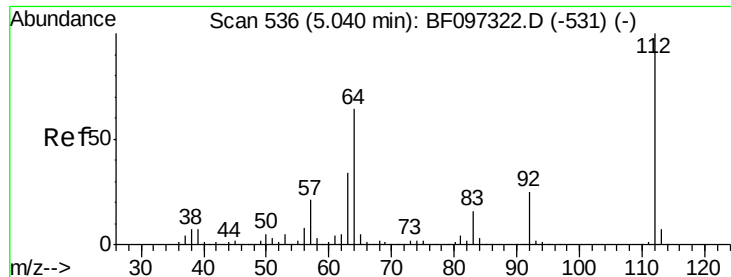
Ion Ratio Lower Upper

42 100

74 105.5 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 133.79 ng

RT: 5.05 min Scan# 554

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

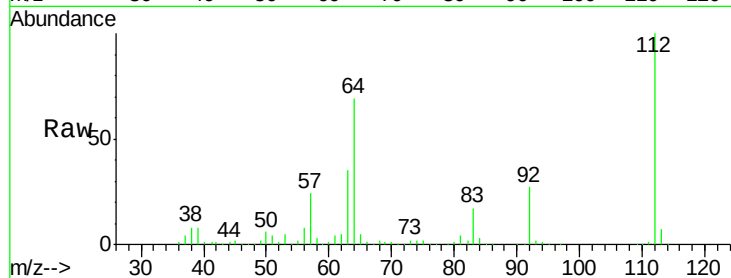
Tot Ion:112 Resp: 892319

Ion Ratio Lower Upper

112 100

64 69.2 46.0 69.0#

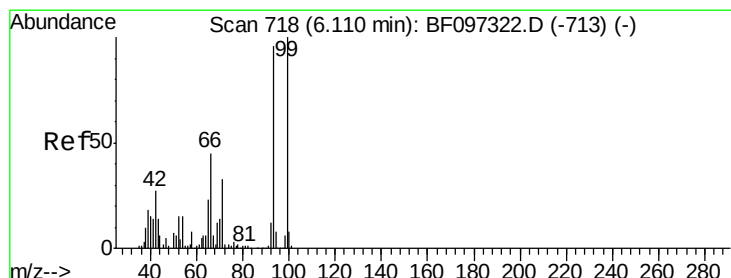
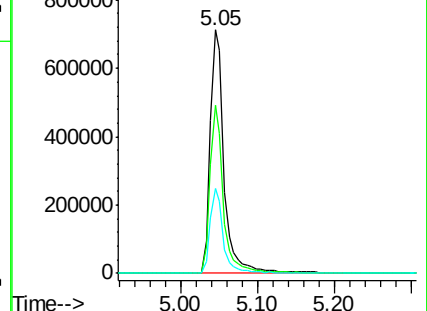
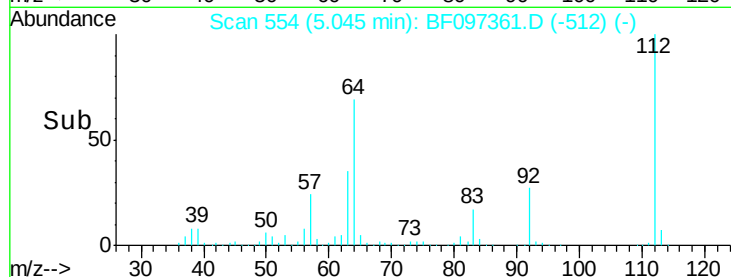
63 35.1 23.4 35.0#



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: 19.49 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

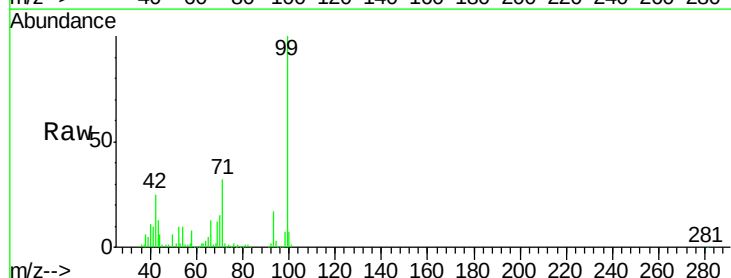
Tgt Ion: 93 Resp: 186723

Ion Ratio Lower Upper

93 100

66 76.6 32.9 49.3#

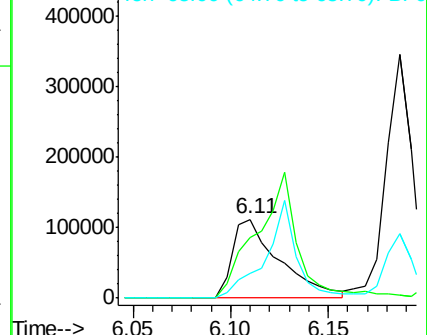
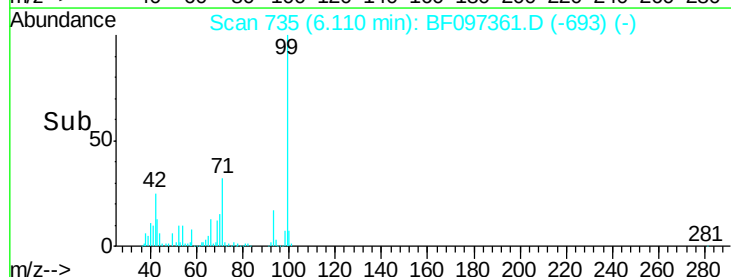
65 31.3 16.0 24.0#

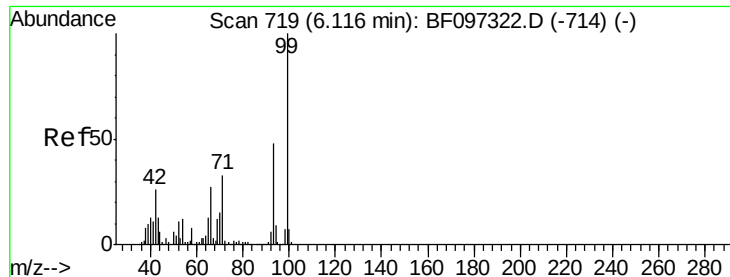


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.45 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

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ClientSampleId :

PB101226BS

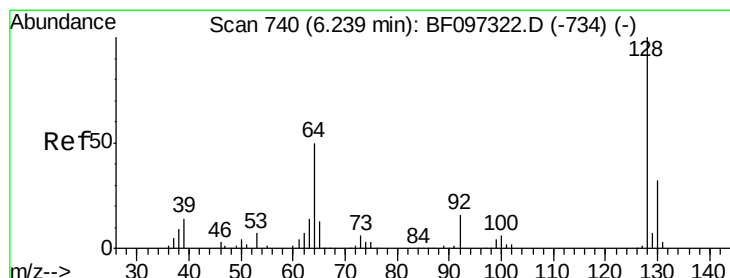
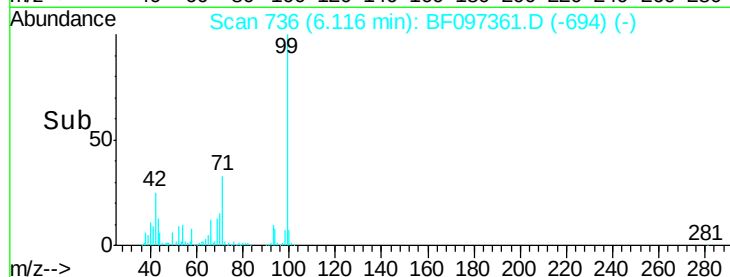
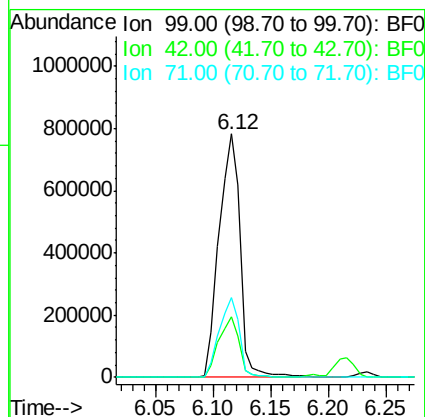
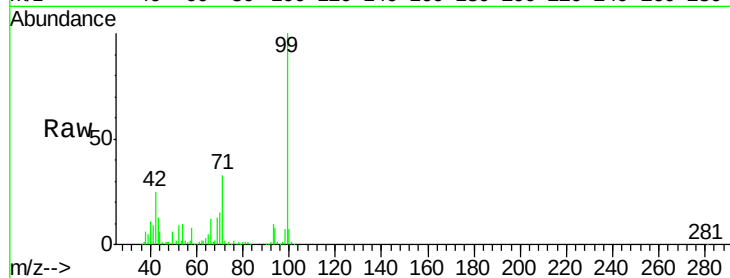
Tot Ion: 99 Resp: 993231

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

71 32.9 24.5 36.7



#8

2-Chlorophenol

Concen: 44.20 ng

RT: 6.23 min Scan# 756

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

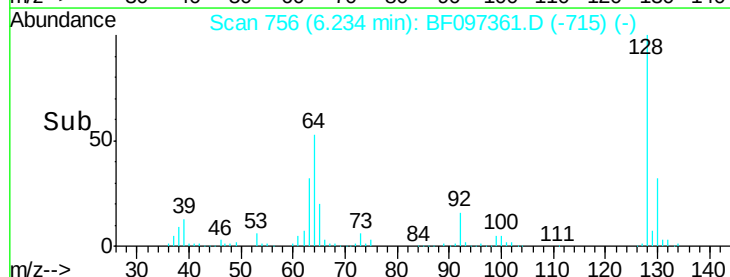
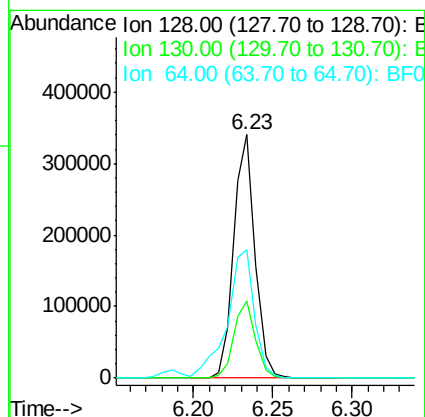
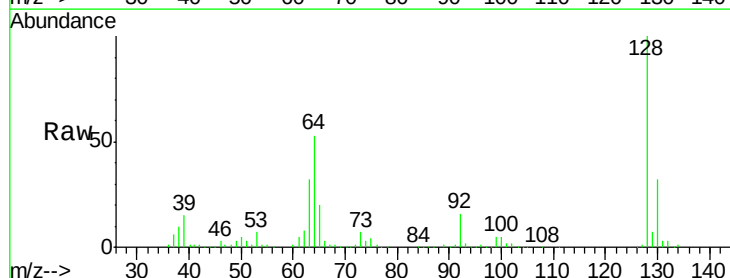
Tgt Ion: 128 Resp: 315214

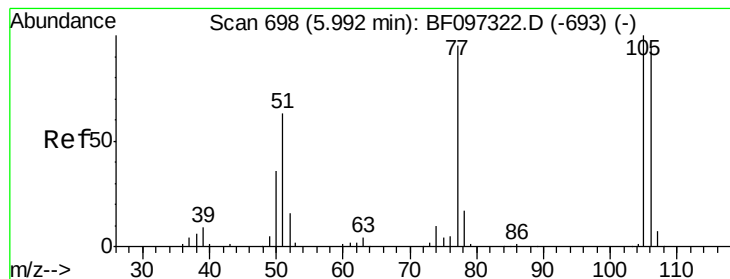
Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

64 53.0 28.4 68.4





#9

Benzaldehyde

Concen: 40.51 ng

RT: 5.98 min Scan# 713

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

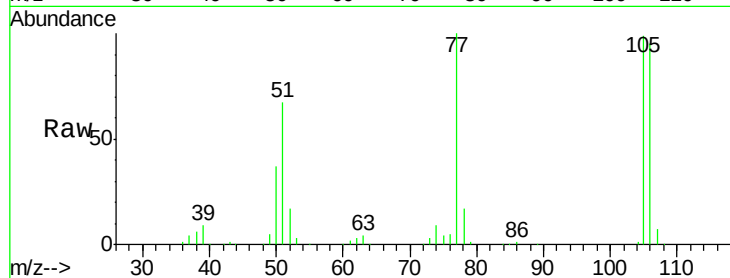
Tot Ion: 77 Resp: 182577

Ion Ratio Lower Upper

77 100

105 99.0 83.8 123.8

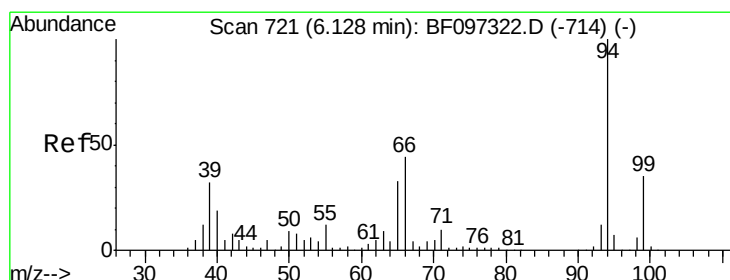
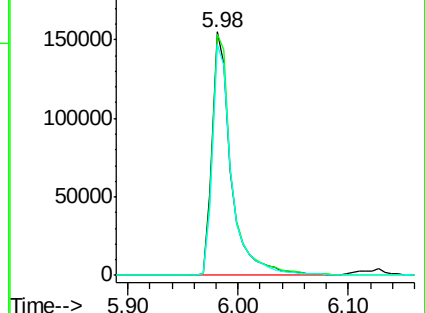
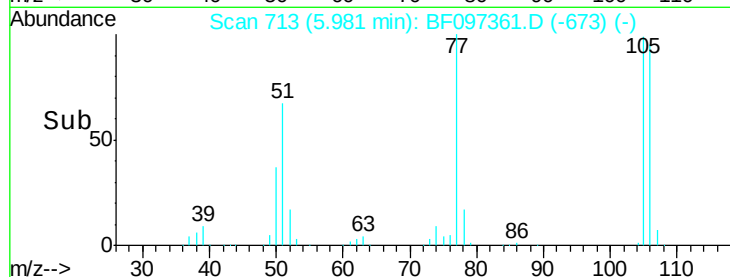
106 94.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.79 ng

RT: 6.13 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

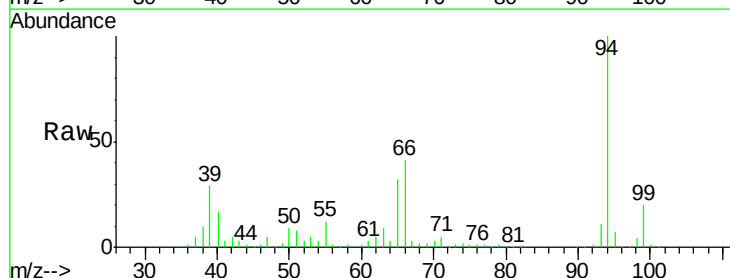
Tgt Ion: 94 Resp: 377453

Ion Ratio Lower Upper

94 100

65 31.9 9.9 49.9

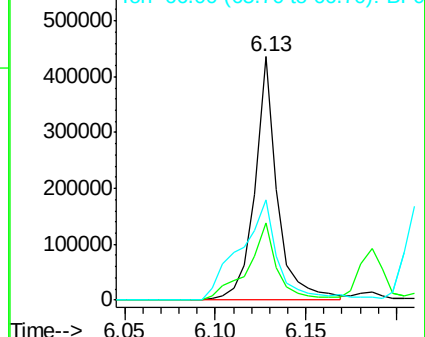
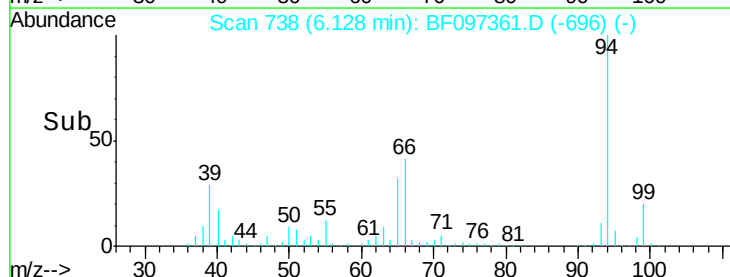
66 41.1 23.1 63.1

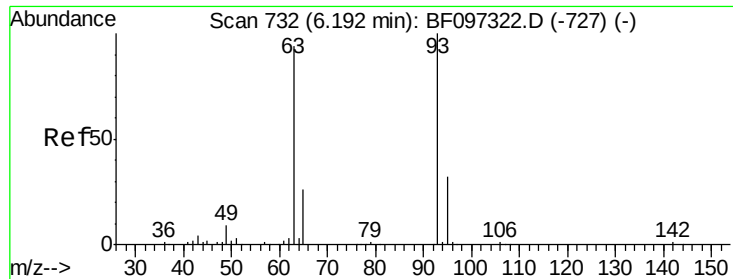


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

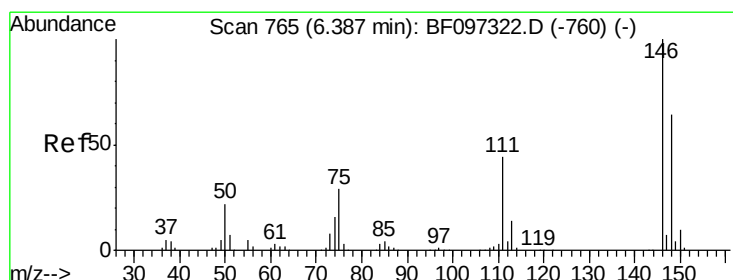
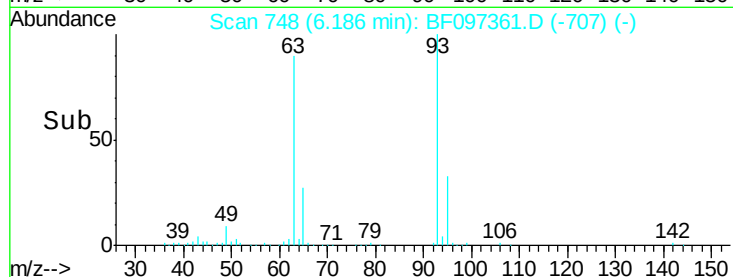
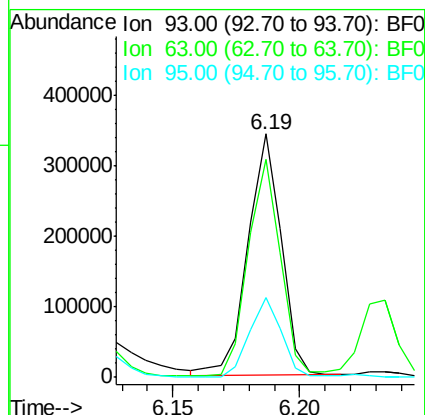
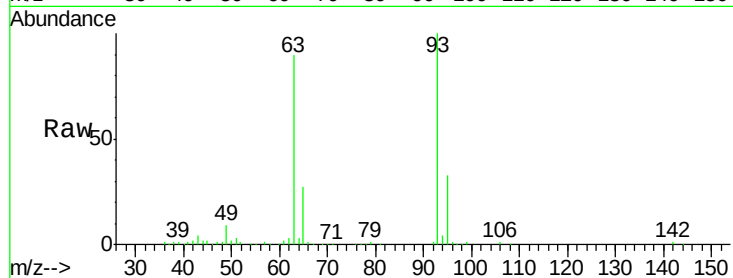




#11
bis(2-Chloroethyl)ether
Concen: 44.04 ng
RT: 6.19 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

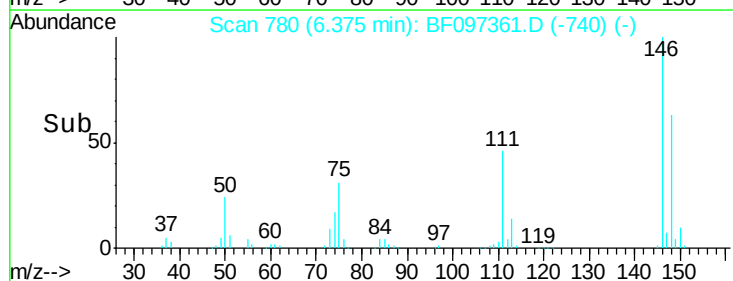
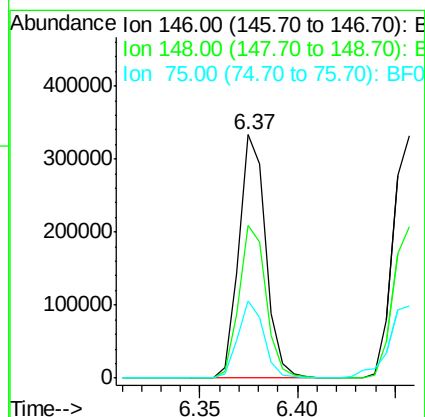
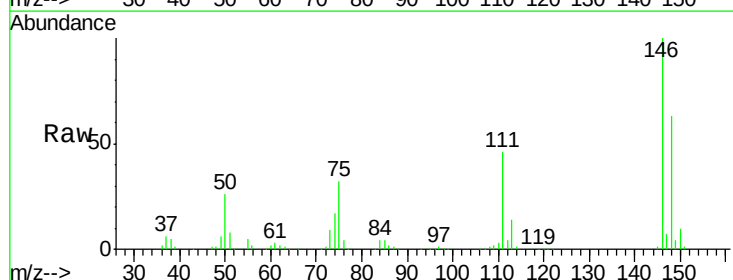
Instrument :
BNA_F
ClientSampleId :
PB101226BS

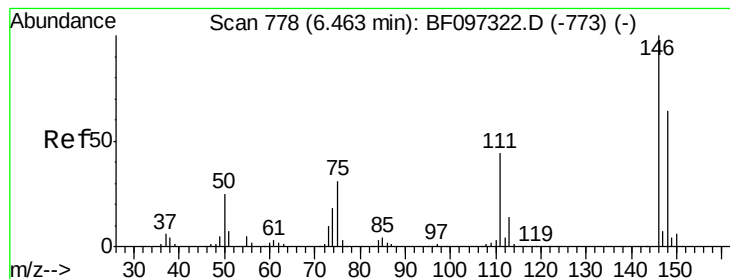
Tot Ion: 93 Resp: 314597
Ion Ratio Lower Upper
93 100
63 89.7 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.44 ng
RT: 6.37 min Scan# 780
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion: 146 Resp: 318456
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.6
75 31.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.05 ng

RT: 6.46 min Scan# 794

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

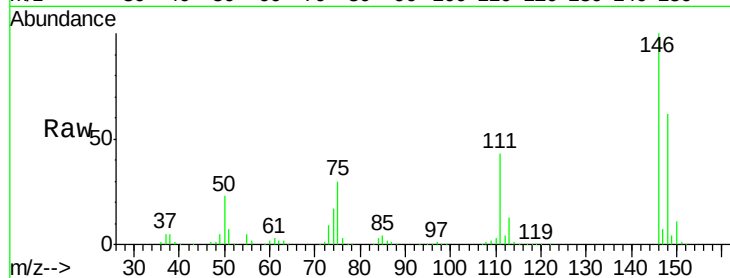
Tot Ion:146 Resp: 320262

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.2

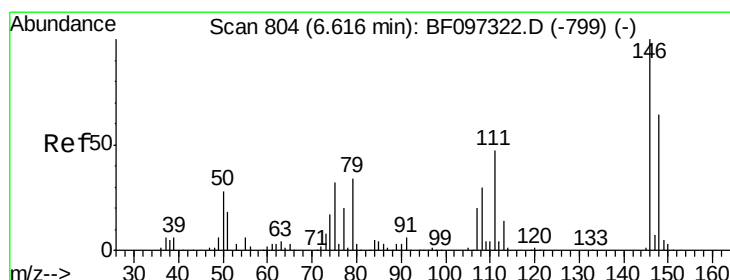
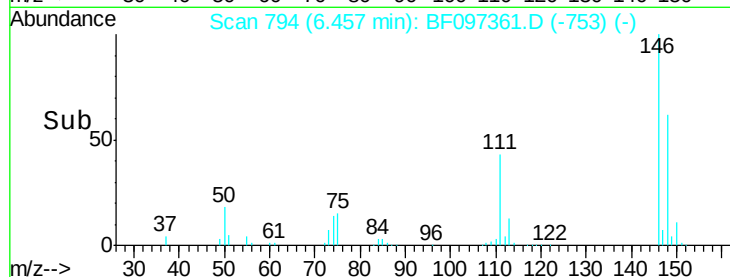
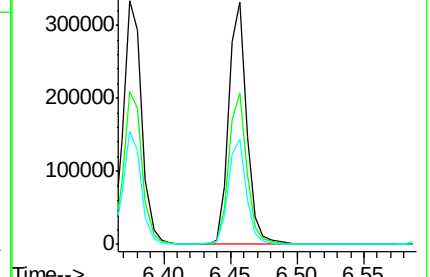
111 43.3 30.3 45.5



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: 42.63 ng

RT: 6.61 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

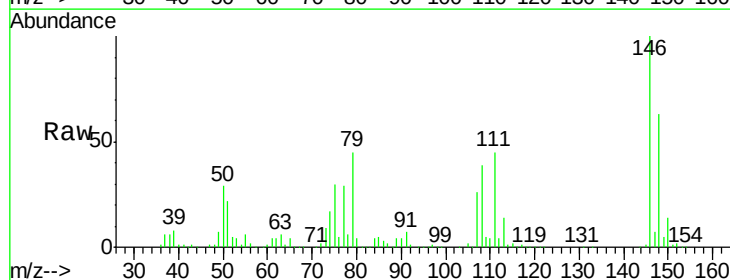
Tgt Ion:146 Resp: 283526

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

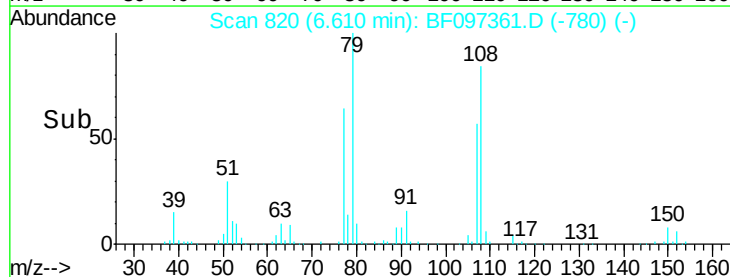
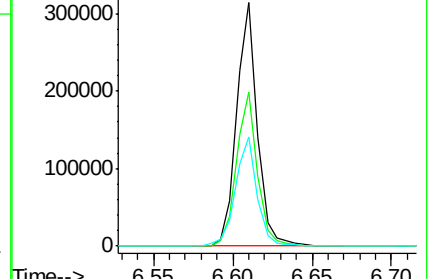
111 44.9 38.2 57.4

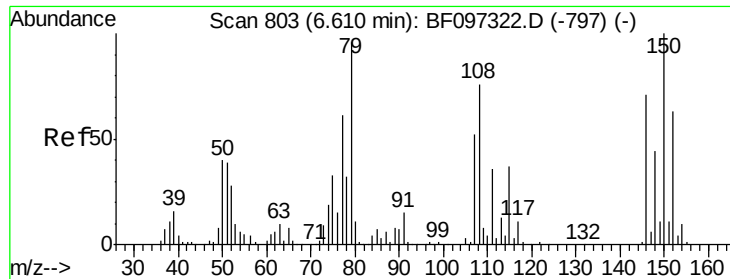


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

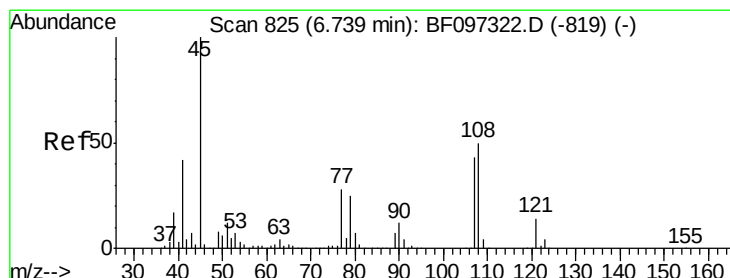
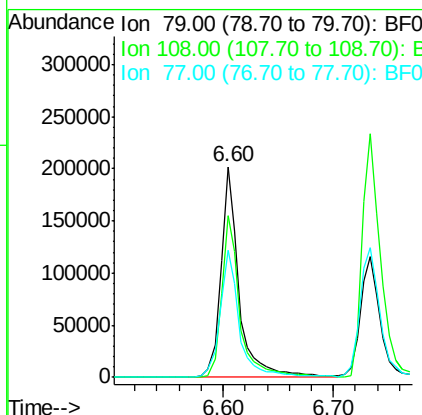
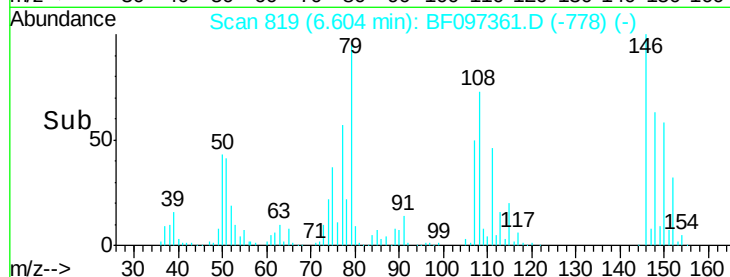
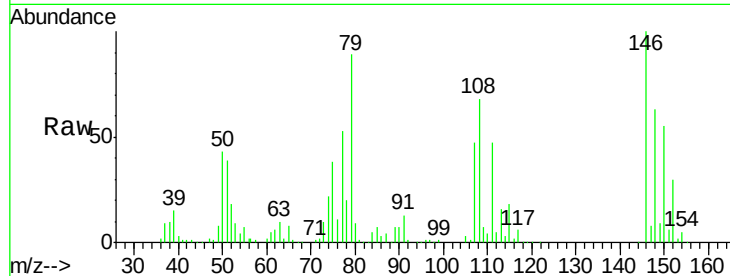




#15
Benzyl Alcohol
Concen: 48.25 ng
RT: 6.60 min Scan# 819
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

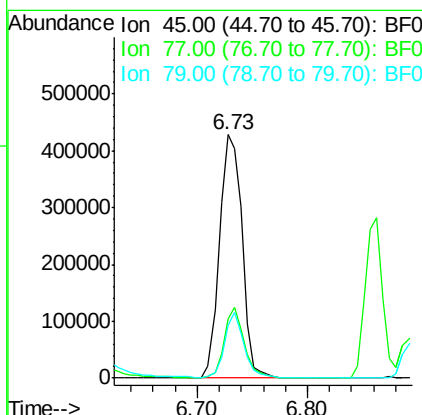
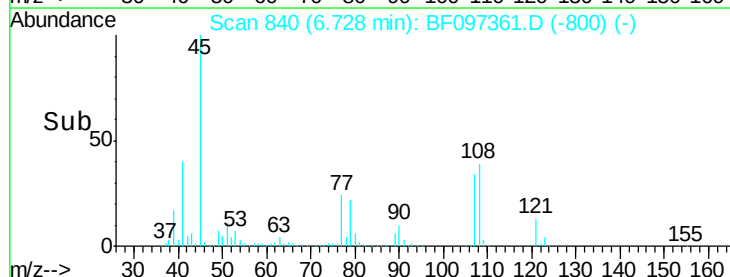
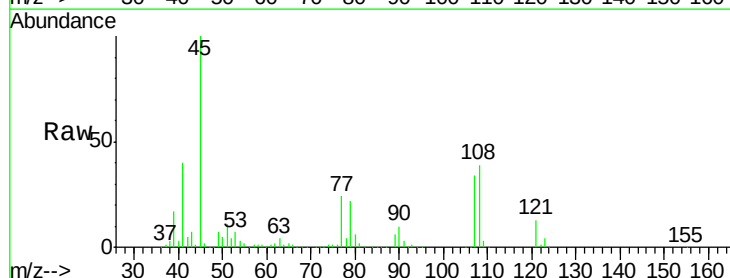
Instrument :
BNA_F
ClientSampleId :
PB101226BS

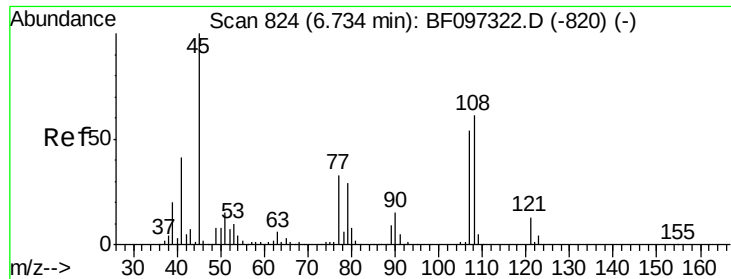
Tot Ion: 79 Resp: 232582
Ion Ratio Lower Upper
79 100
108 76.7 63.4 95.0
77 60.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.48 ng
RT: 6.73 min Scan# 840
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion: 45 Resp: 608656
Ion Ratio Lower Upper
45 100
77 24.4 0.0 33.2
79 21.7 0.0 30.0

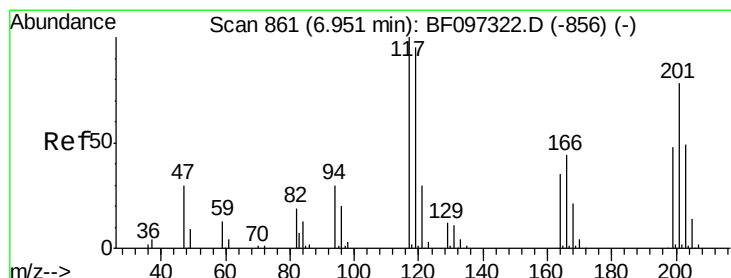
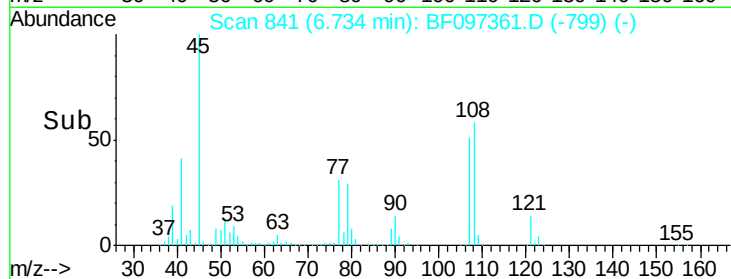
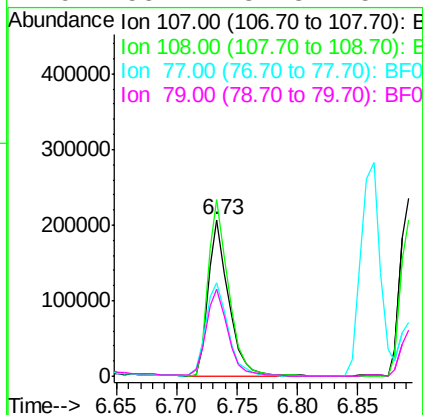
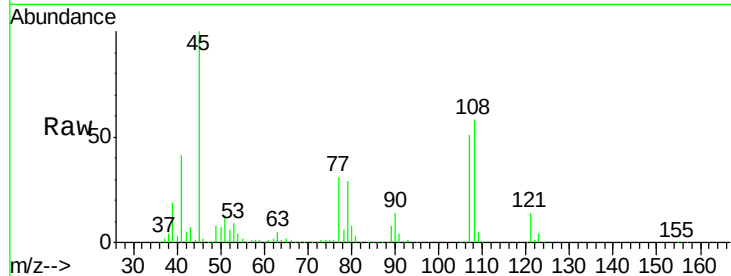




#17
2-Methylphenol
Concen: 43.52 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.05 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

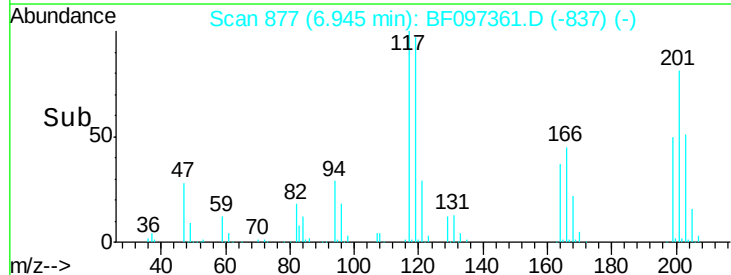
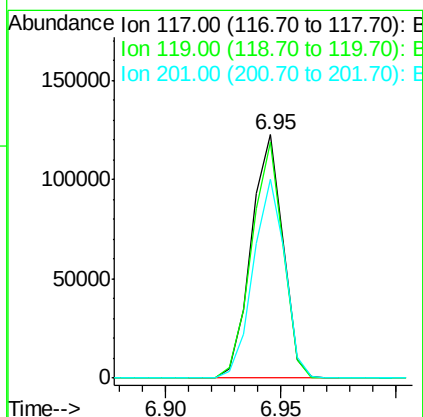
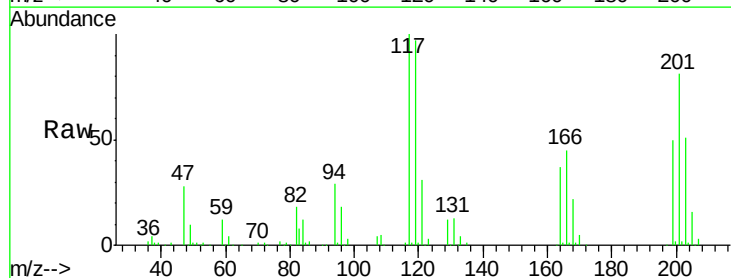
Instrument :
BNA_F
ClientSampleId :
PB101226BS

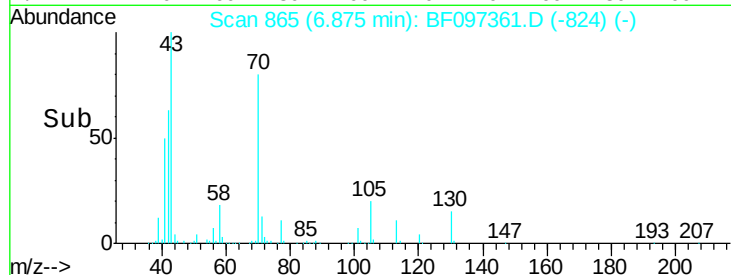
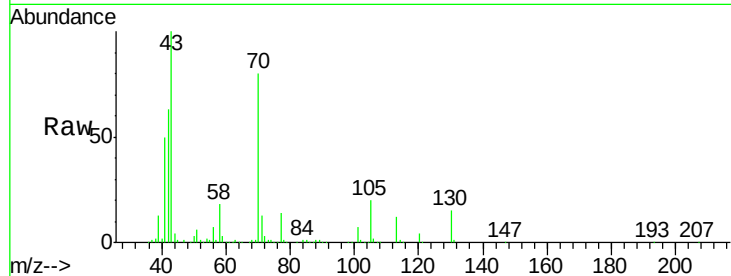
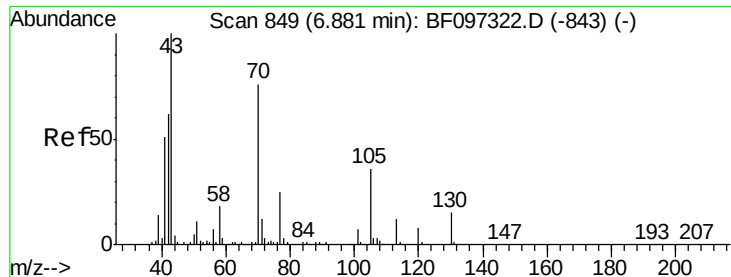
Tot Ion:107 Resp: 239519
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.0
77 60.0 35.8 53.6#
79 55.7 34.8 52.2#



#18
Hexachloroethane
Concen: 42.27 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:117 Resp: 117779
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
201 81.4 94.6 141.8#

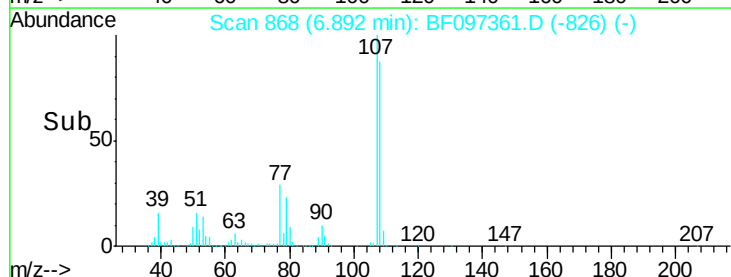
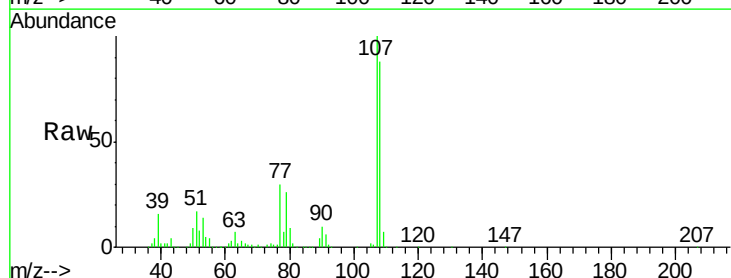
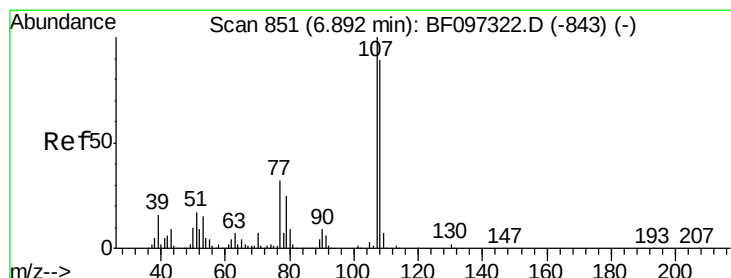
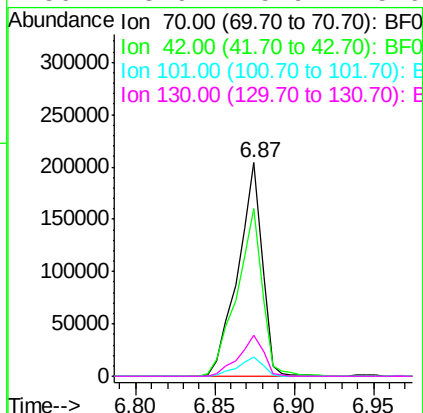




#19
n-Nitroso-di-n-propylamine
Concen: 43.37 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

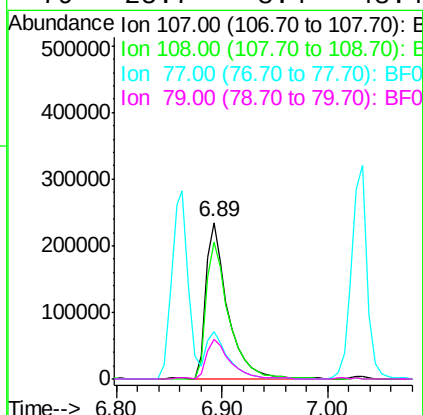
Instrument :
BNA_F
ClientSampleId :
PB101226BS

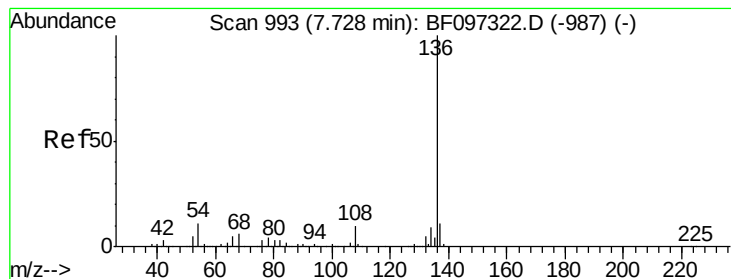
Tot Ion:	70	Resp:	217362
Ion	Ratio	Lower	Upper
70	100		
42	78.6	47.2	70.8#
101	9.0	7.2	10.8
130	18.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.21 ng
RT: 6.89 min Scan# 868
Delta R.T. -0.05 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:	107	Resp:	332175
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.0	111.0
77	30.0	90.5	130.5#
79	25.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

Tot Ion:136 Resp: 467277

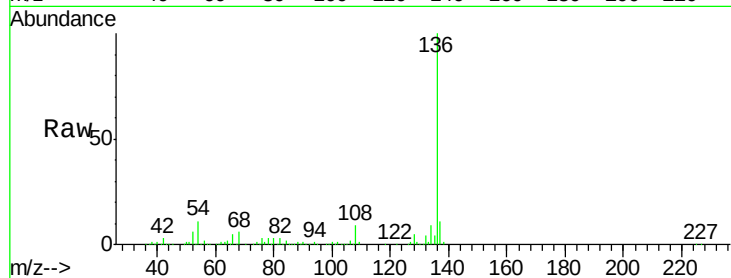
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.8 4.9 7.3#

68 6.2 4.1 6.1#

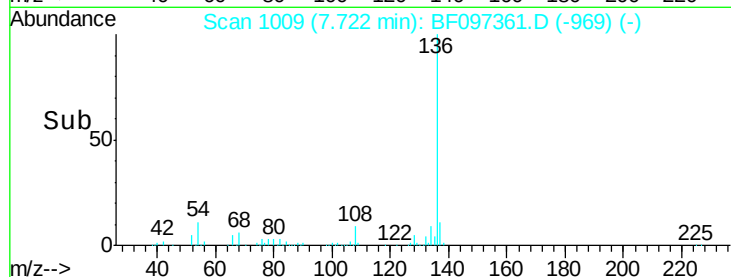


Abundance Ion 136.00 (135.70 to 136.70): E

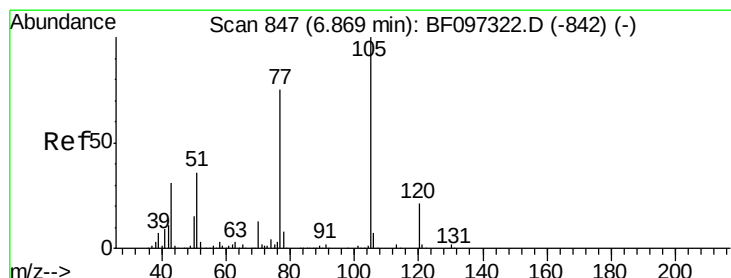
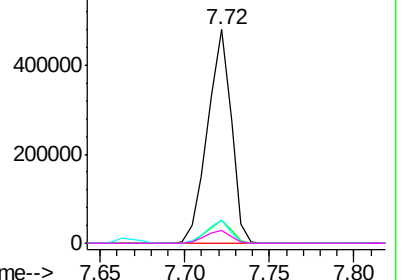
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.16 ng

RT: 6.86 min Scan# 863

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Tgt Ion:105 Resp: 416968

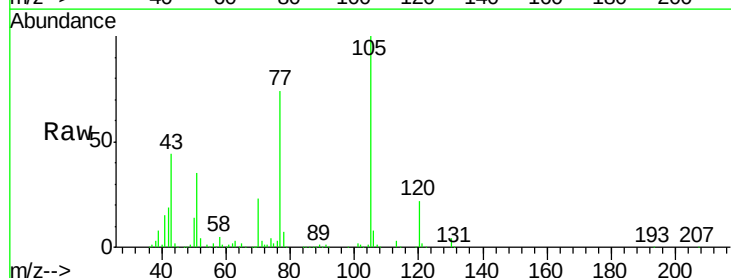
Ion Ratio Lower Upper

105 100

71 3.3 2.8 4.2

51 35.0 30.7 46.1

120 21.9 17.4 26.0

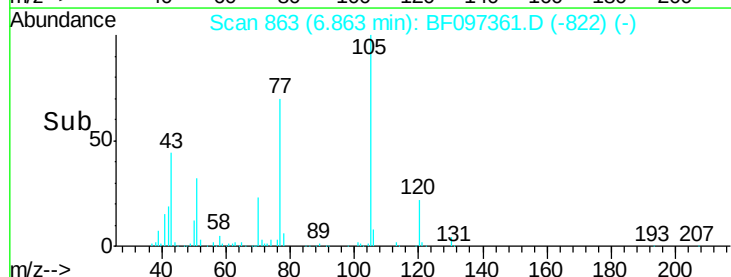


Abundance Ion 105.00 (104.70 to 105.70): E

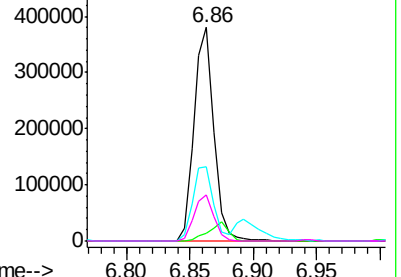
Ion 71.00 (70.70 to 71.70): BF0

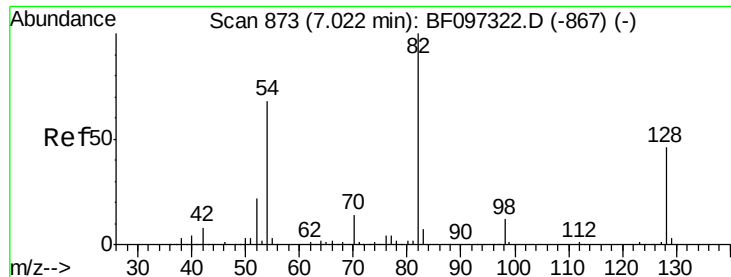
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

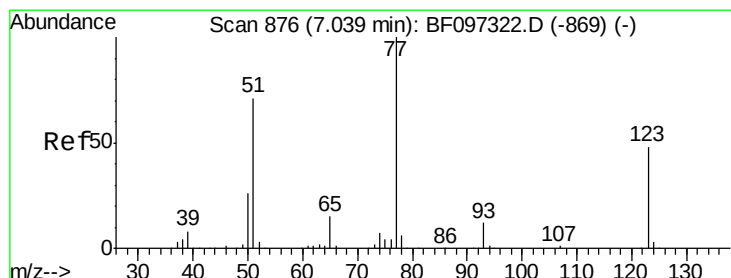
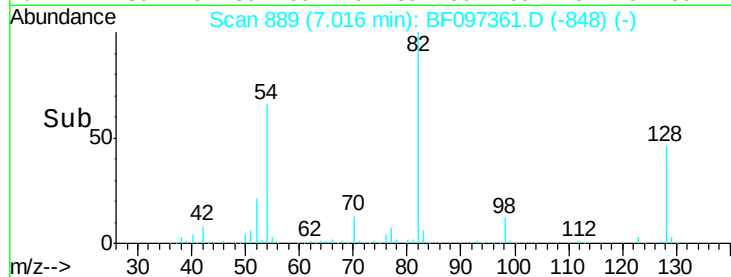
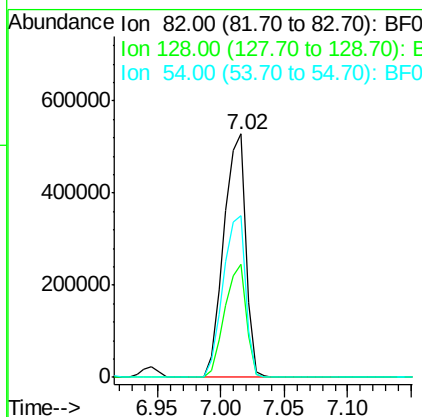
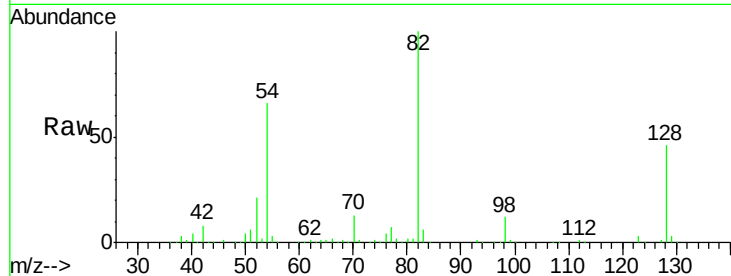




#23
 Nitrobenzene-d5
 Concen: 79.87 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

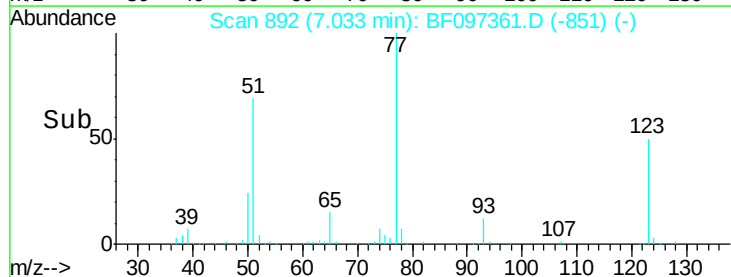
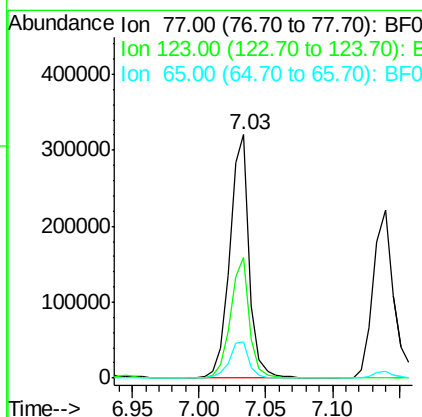
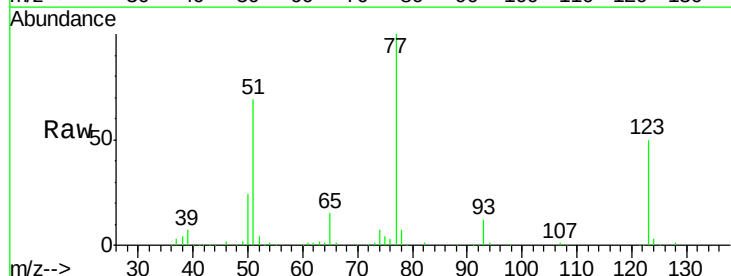
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

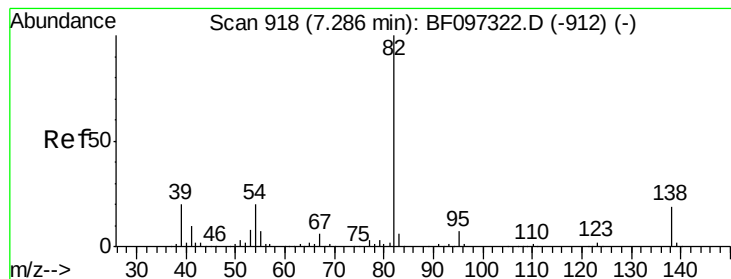
Tot Ion: 82 Resp: 636219
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 66.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 39.23 ng
 RT: 7.03 min Scan# 892
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion: 77 Resp: 325440
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.8 53.8
 65 15.0 10.6 15.8





#25

Isophorone

Concen: 40.12 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

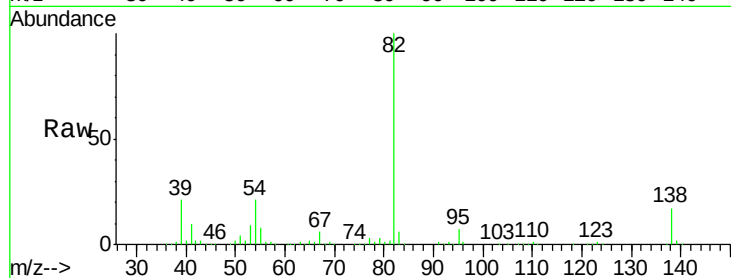
Tot Ion: 82 Resp: 625762

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

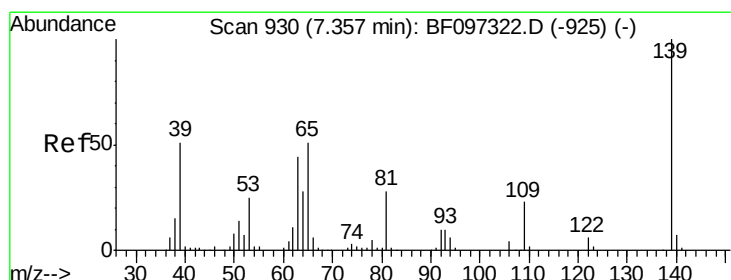
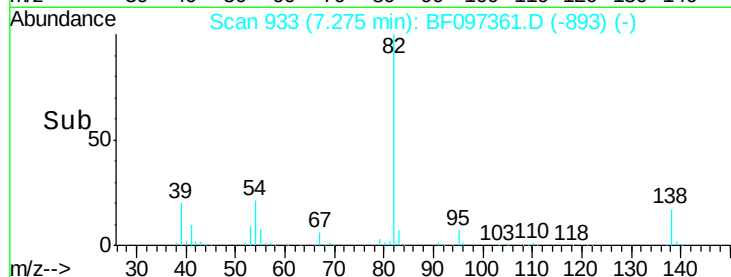
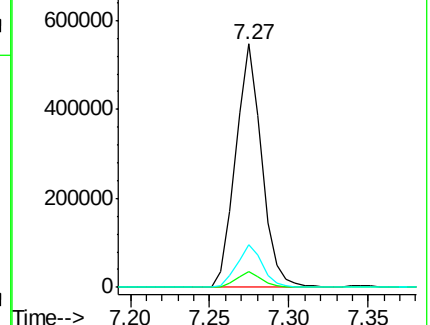
138 17.4 13.1 19.7



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: 41.24 ng

RT: 7.35 min Scan# 946

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

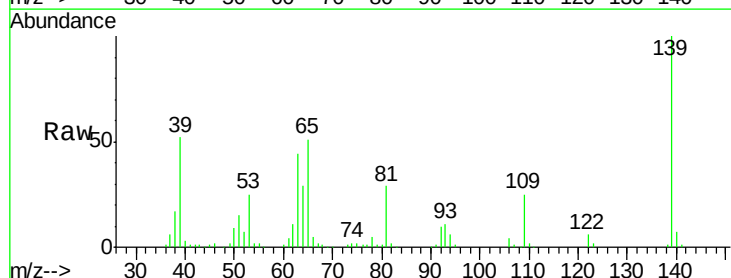
Tgt Ion: 139 Resp: 185074

Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

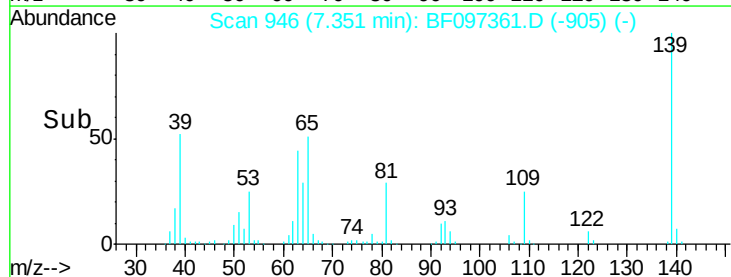
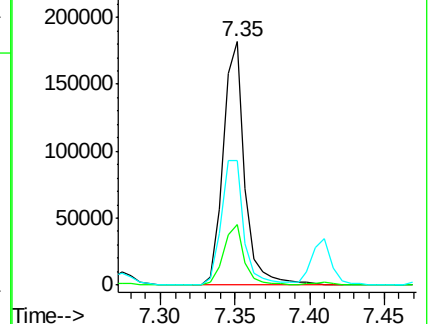
65 51.2 33.0 49.6#

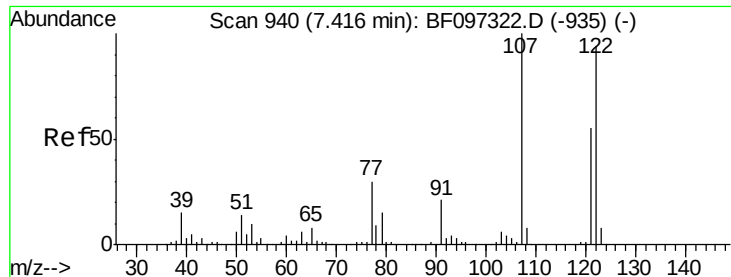


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.34 ng

RT: 7.41 min Scan# 956

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

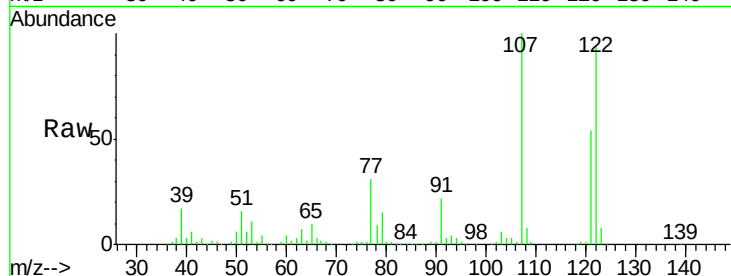
Tot Ion:122 Resp: 298672

Ion Ratio Lower Upper

122 100

107 106.4 89.2 133.8

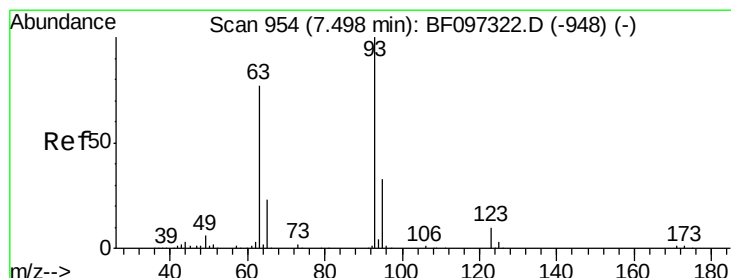
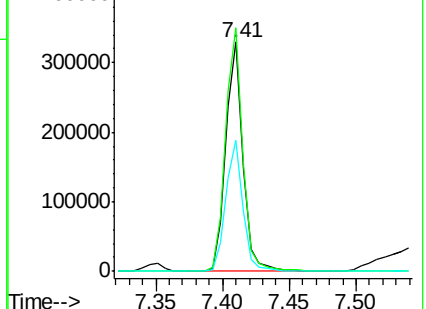
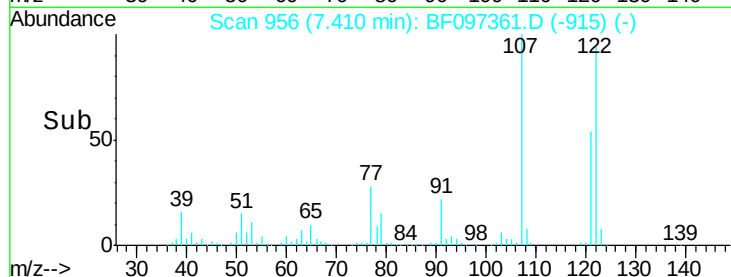
121 57.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.81 ng

RT: 7.49 min Scan# 970

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

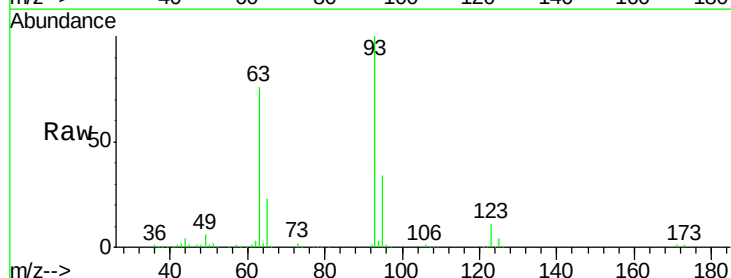
Tgt Ion: 93 Resp: 425605

Ion Ratio Lower Upper

93 100

95 33.9 26.5 39.7

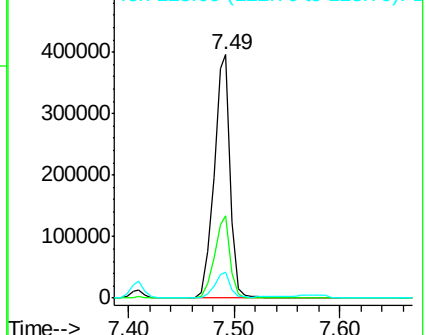
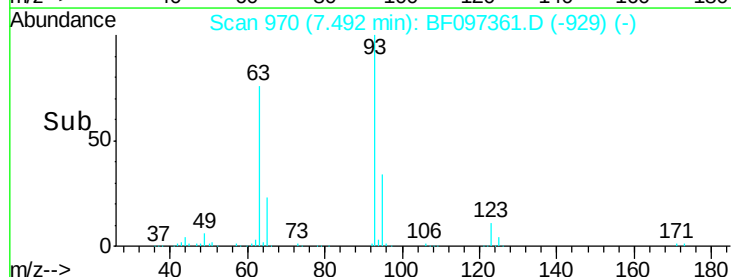
123 10.6 9.0 13.4

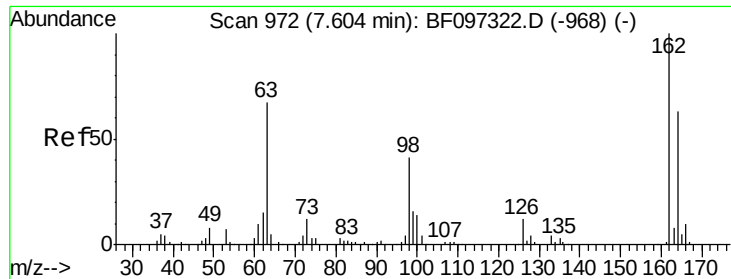


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

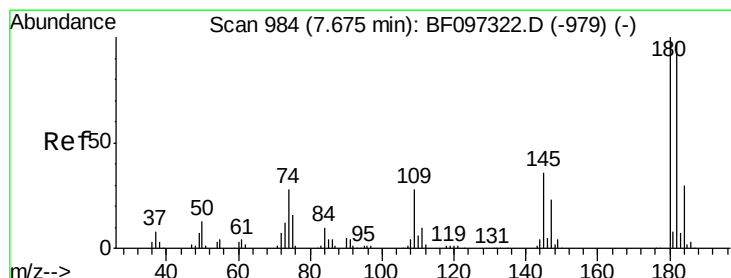
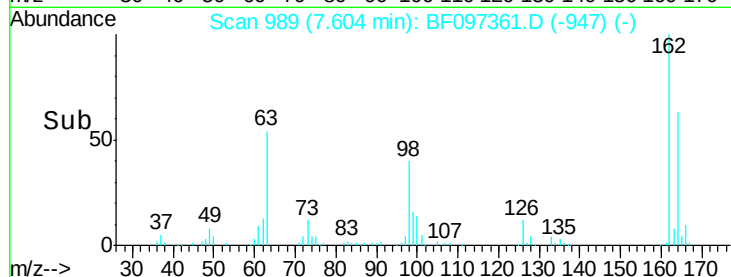
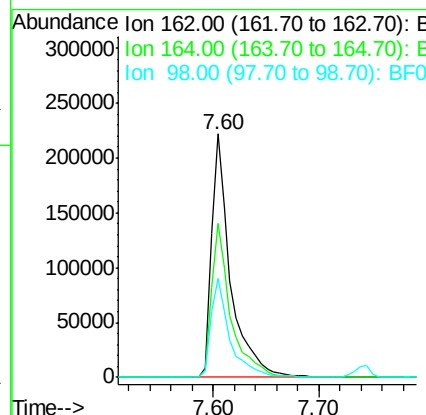
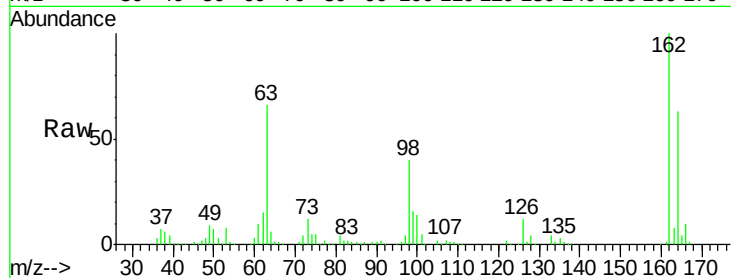




#29
 2,4-Dichlorophenol
 Concen: 43.36 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.05 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

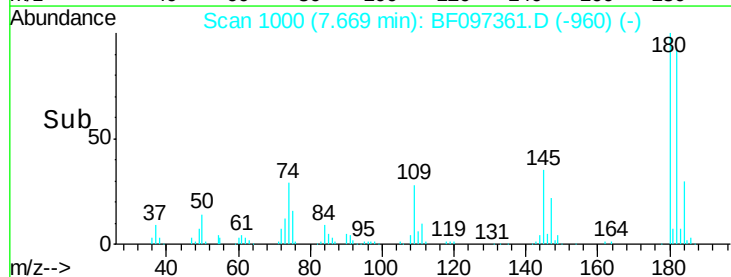
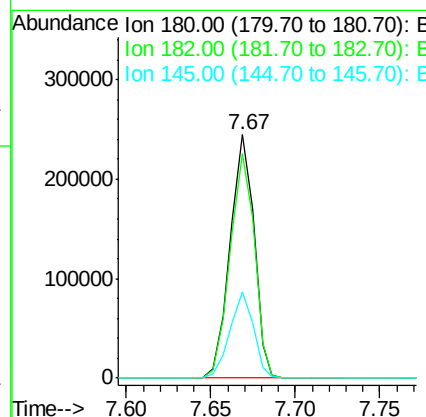
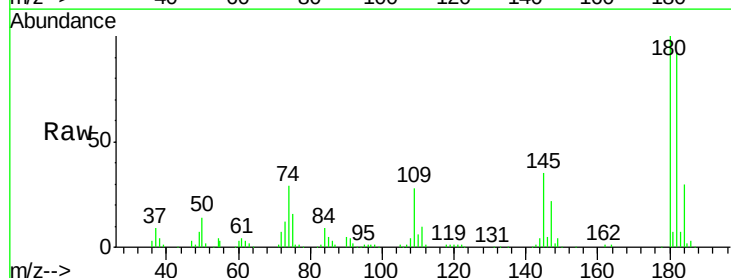
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

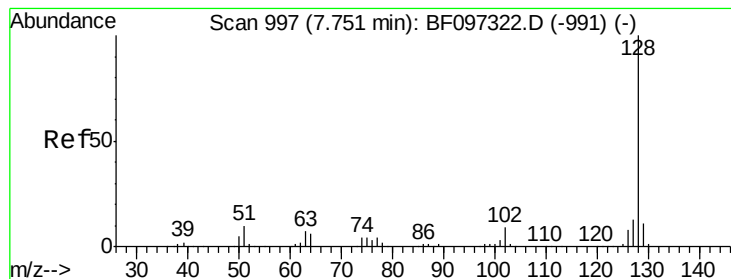
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	40.4	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.79 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.8	113.6
145	35.2	25.3	37.9





#31

Naphthalene

Concen: 41.47 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

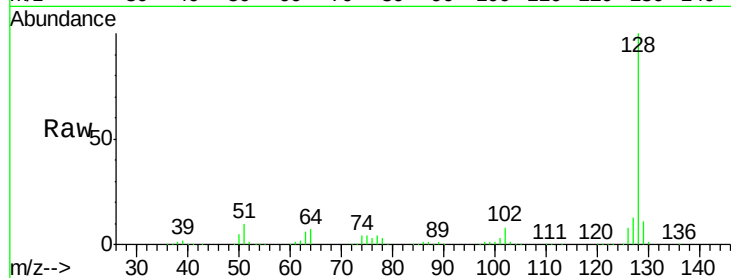
Tot Ion:128 Resp: 913406

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

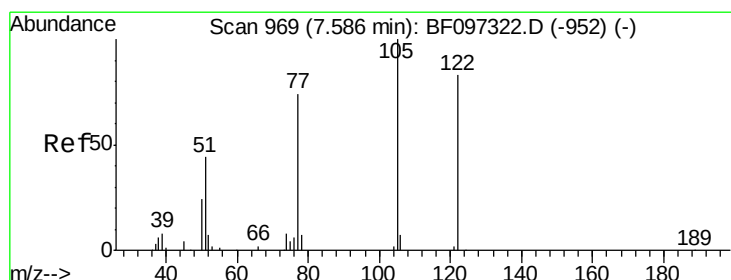
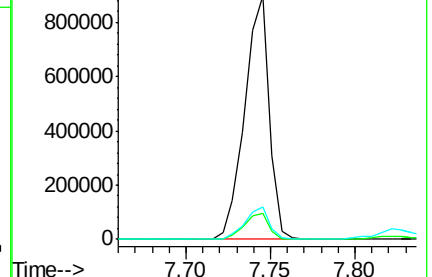
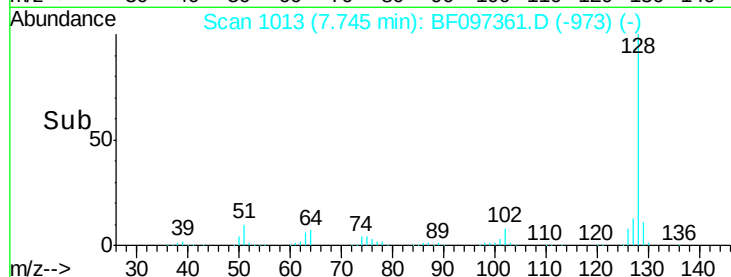
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.62 ng

RT: 7.59 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

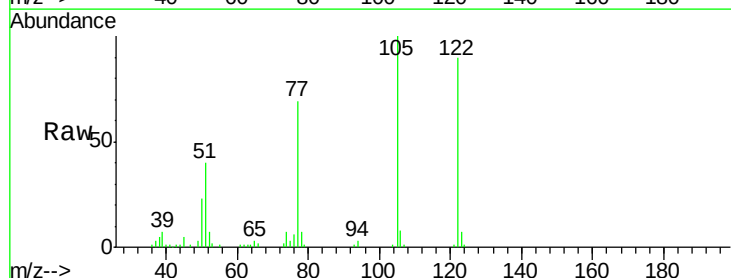
Tgt Ion:122 Resp: 219061

Ion Ratio Lower Upper

122 100

105 110.7 103.3 143.3

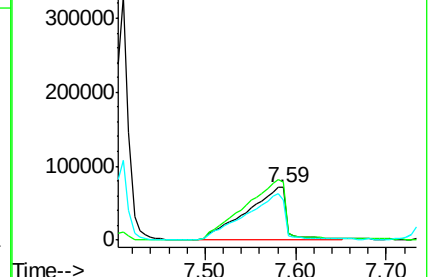
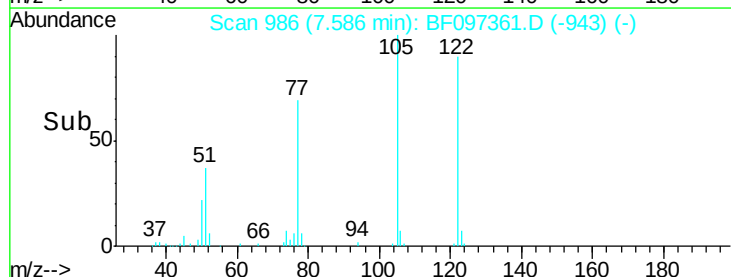
77 76.8 73.7 113.7

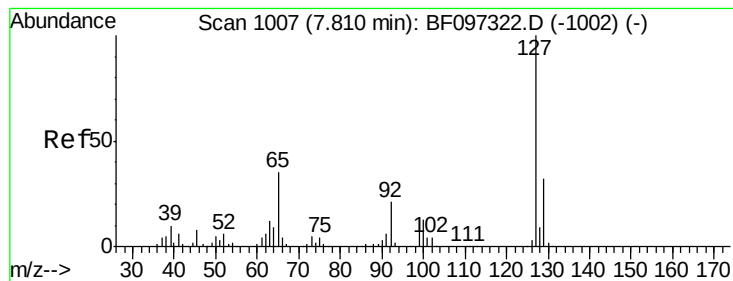


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.75 ng

RT: 7.82 min Scan# 1026

Delta R.T. -0.04 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

Tot Ion:127 Resp: 78450

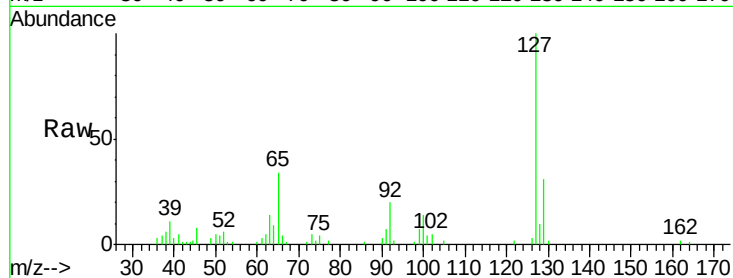
Ion Ratio Lower Upper

127 100

129 31.0 26.2 39.2

65 34.0 27.8 41.8

92 20.0 16.8 25.2

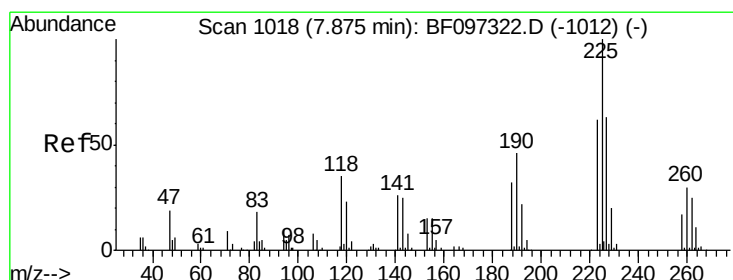
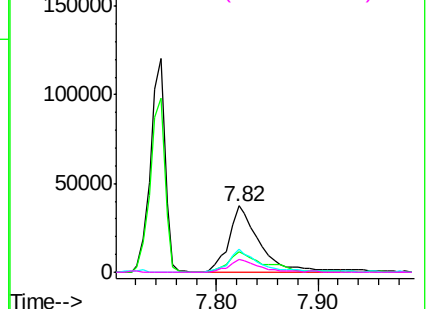
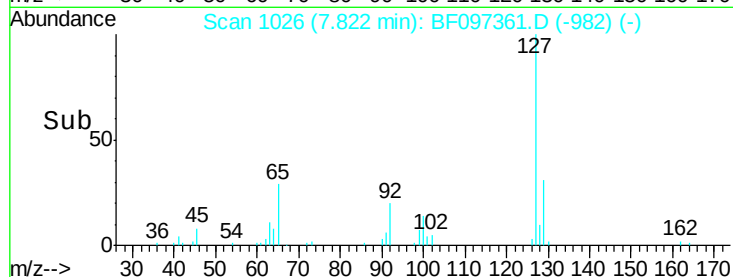


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.18 ng

RT: 7.86 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

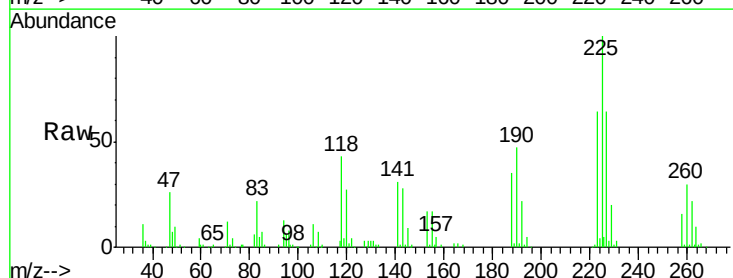
Tgt Ion:225 Resp: 123041

Ion Ratio Lower Upper

225 100

223 63.7 48.8 73.2

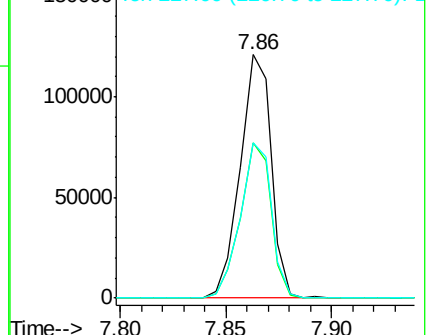
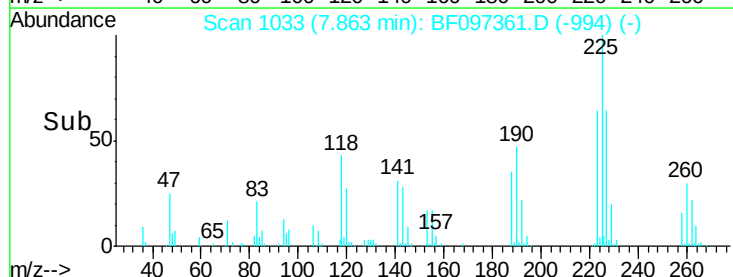
227 64.0 51.1 76.7

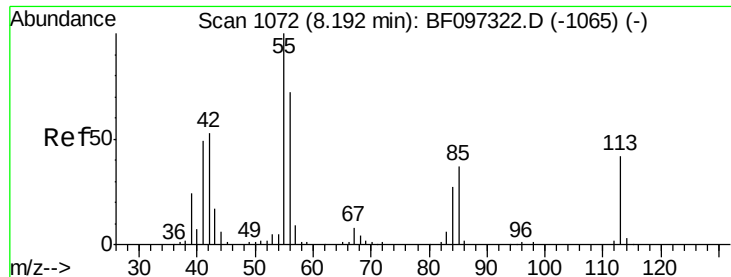


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

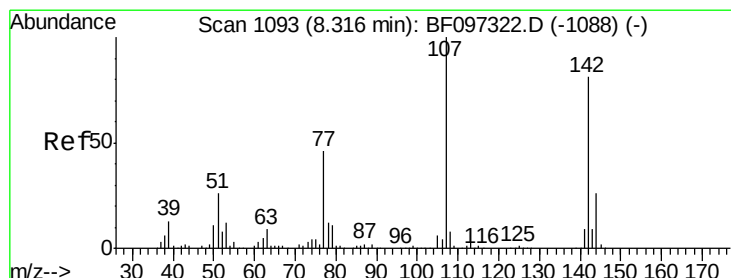
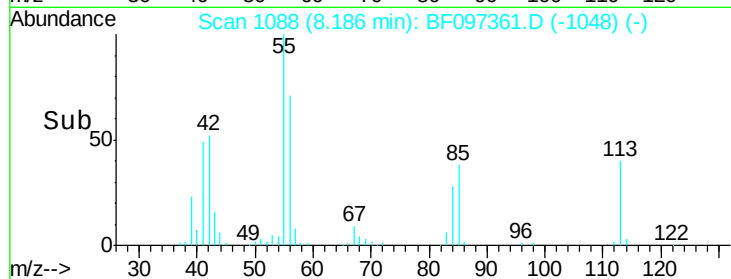
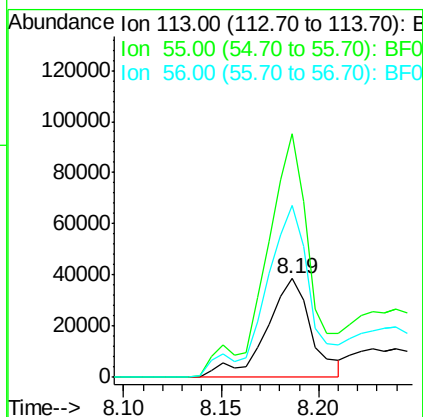
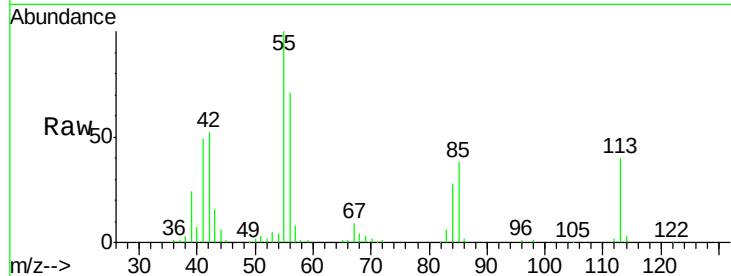




#35
 Caprolactam
 Concen: 29.95 ng
 RT: 8.19 min Scan# 1088
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

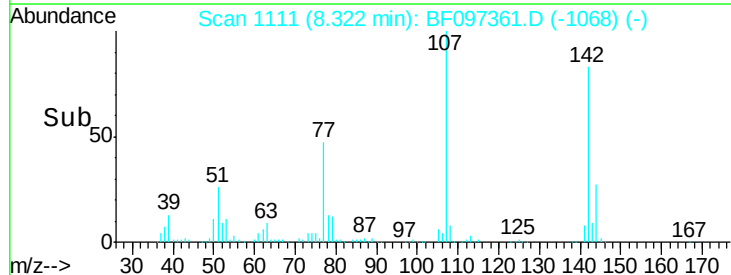
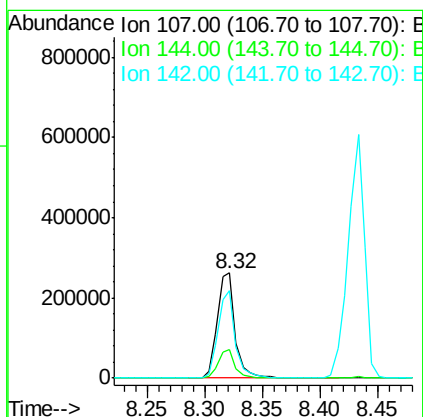
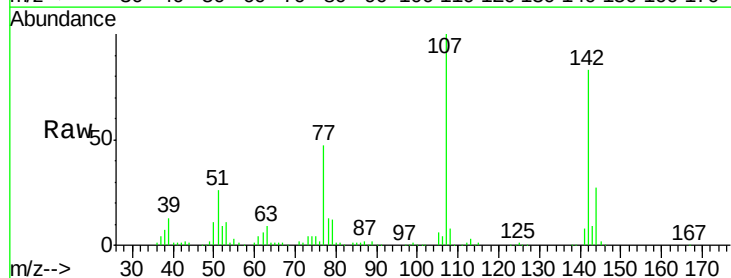
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

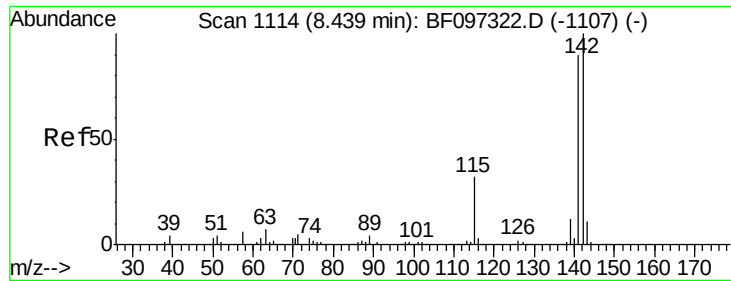
Tot Ion:113 Resp: 61243
 Ion Ratio Lower Upper
 113 100
 55 247.3 150.2 190.2#
 56 175.1 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.39 ng
 RT: 8.32 min Scan# 1111
 Delta R.T. -0.05 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:107 Resp: 281049
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 82.8 73.4 110.0

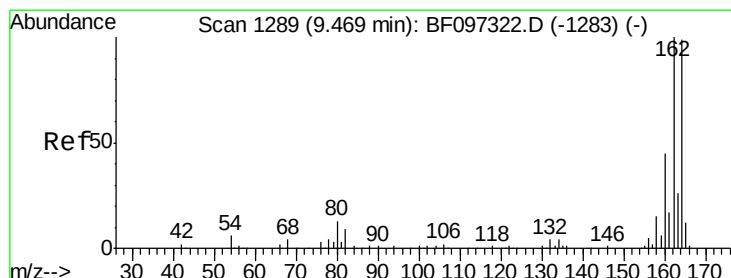
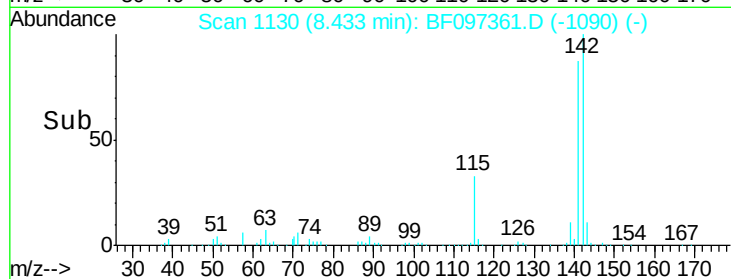
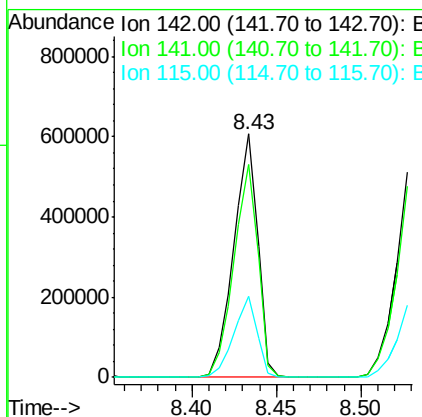
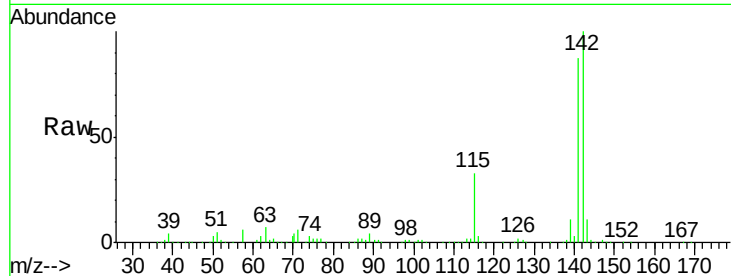




#37
 2-Methylnaphthalene
 Concen: 42.88 ng
 RT: 8.43 min Scan# 1130
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

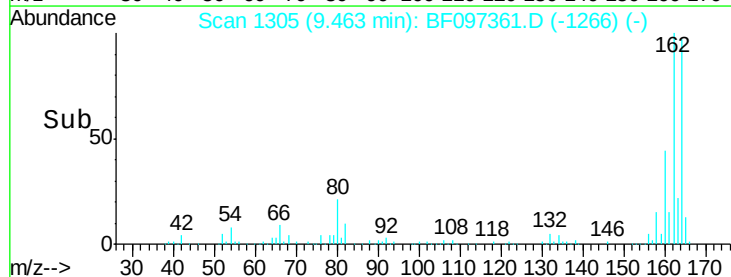
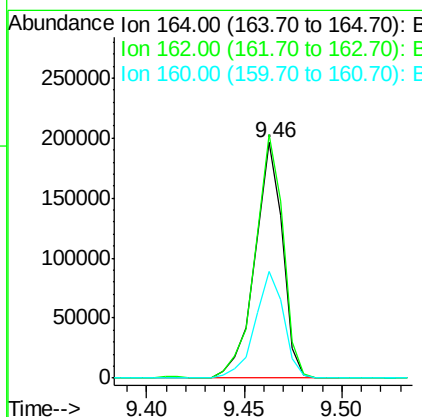
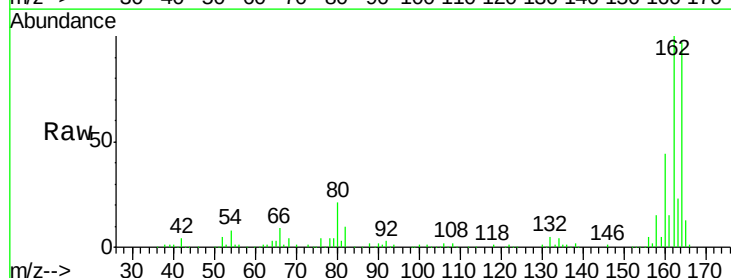
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

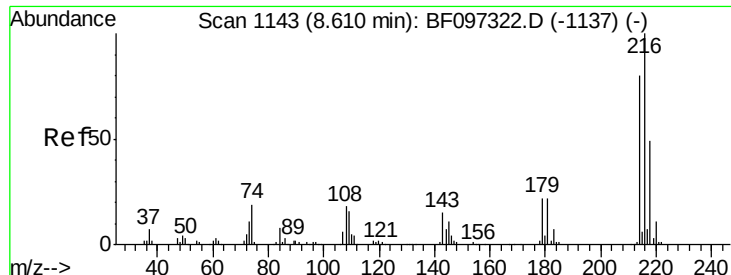
Tot Ion:142 Resp: 597978
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.3 106.9
 115 33.1 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:164 Resp: 191883
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.2 36.2 54.2

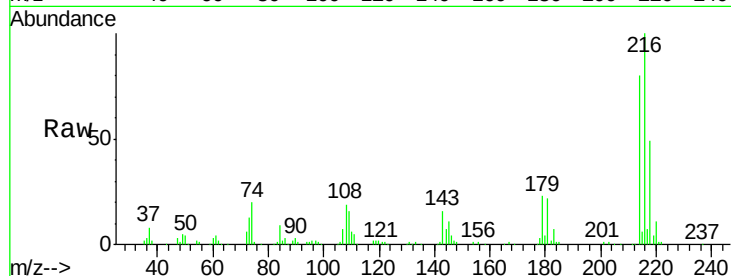




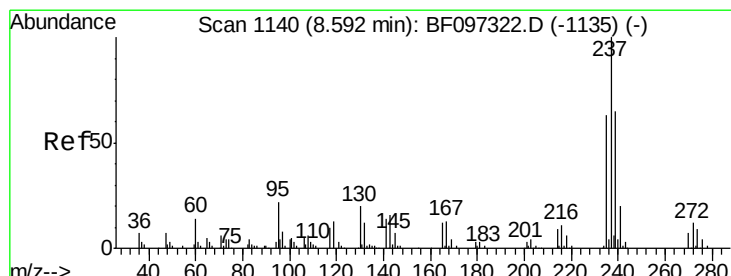
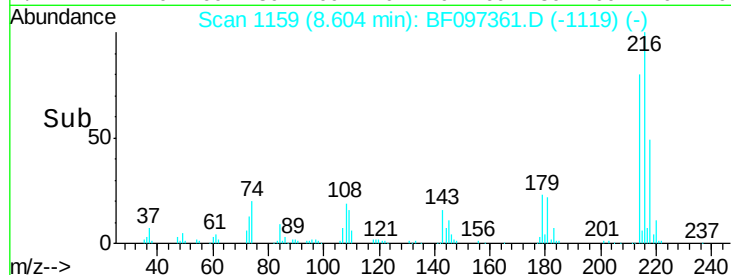
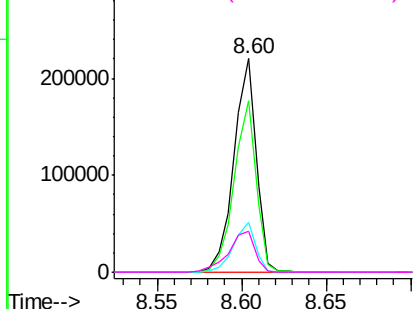
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.55 ng
 RT: 8.60 min Scan# 1159
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

Tot Ion:216	Resp:	202490
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.4 95.2
179	22.9	17.9 26.9
108	22.8	16.5 24.7

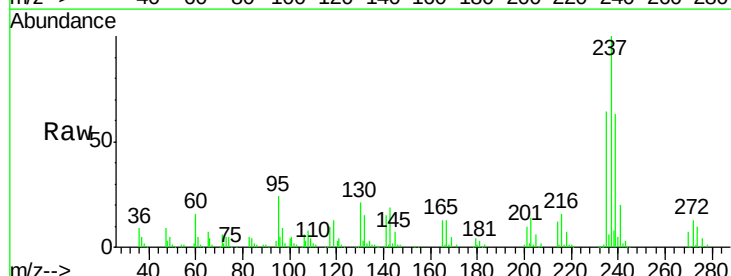


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

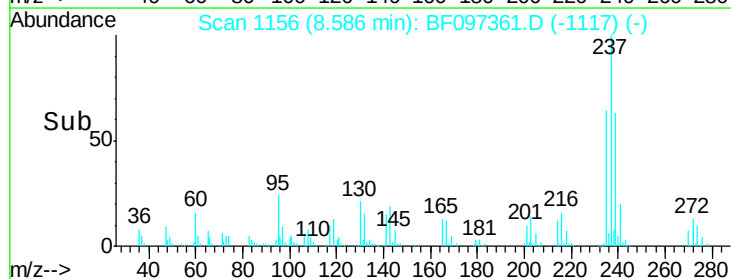
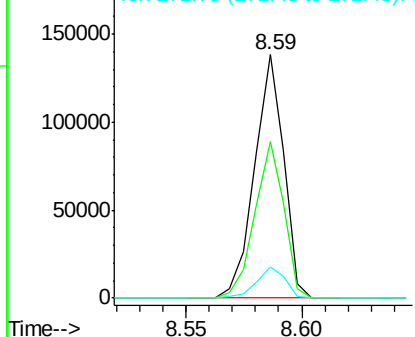


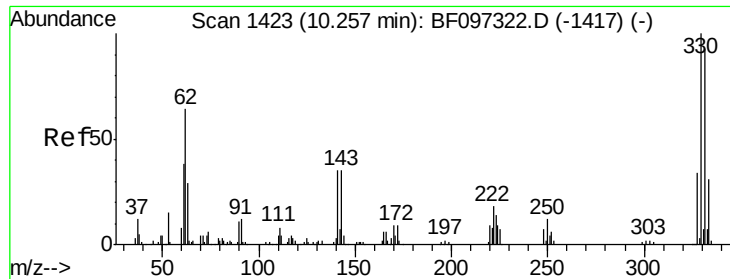
#40
 Hexachlorocyclopentadiene
 Concen: 69.22 ng
 RT: 8.59 min Scan# 1156
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:237	Resp:	122188
Ion Ratio	Lower	Upper
237	100	
235	64.3	42.6 82.6
272	12.7	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

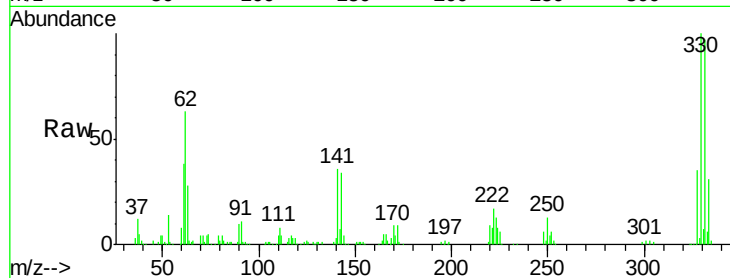




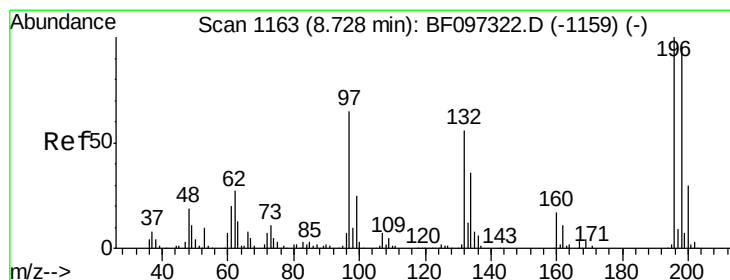
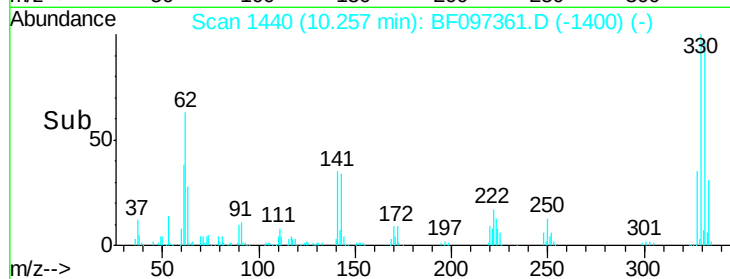
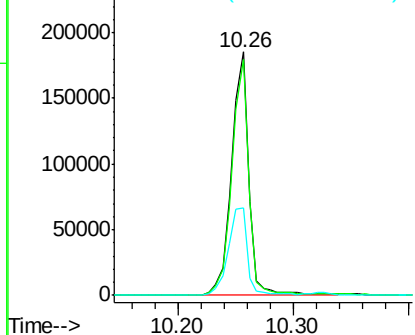
#41
 2,4,6-Tribromophenol
 Concen: 127.08 ng
 RT: 10.26 min Scan# 1440
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.7	31.4	47.2

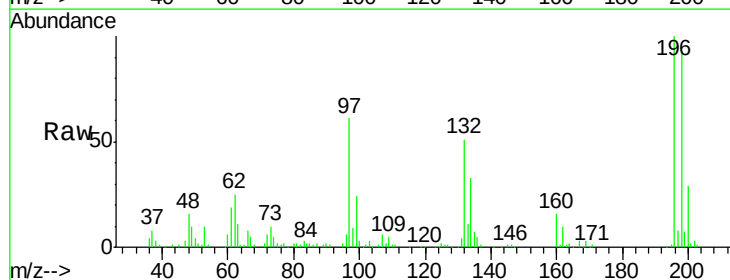


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

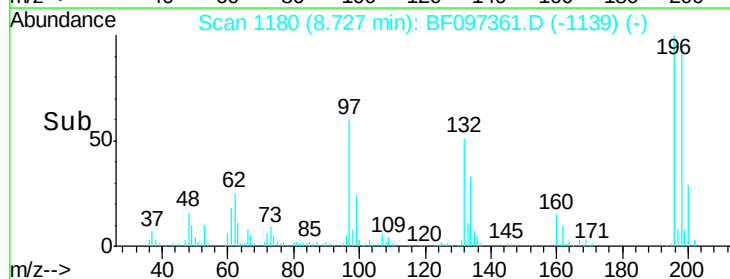
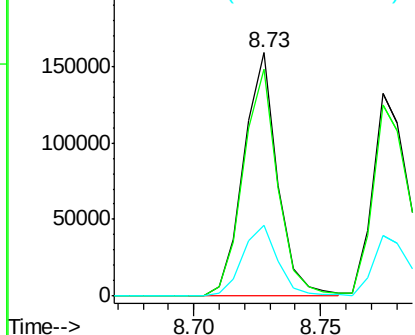


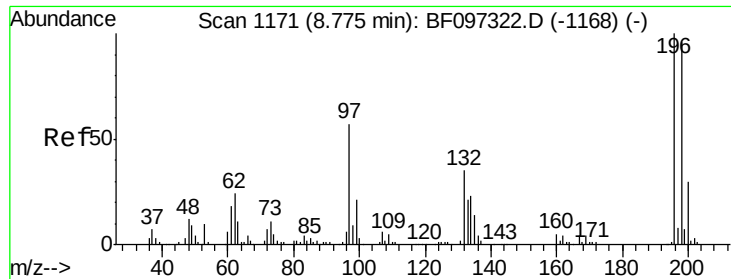
#42
 2,4,6-Trichlorophenol
 Concen: 39.84 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	74.2	111.4
200	29.2	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

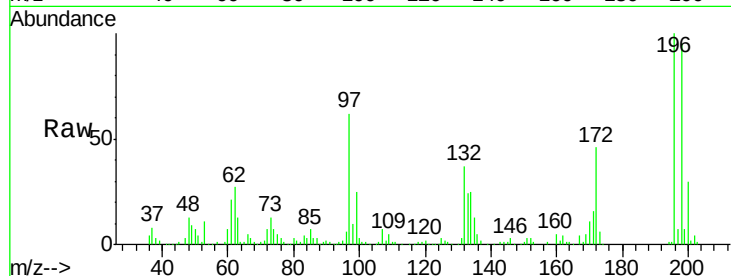




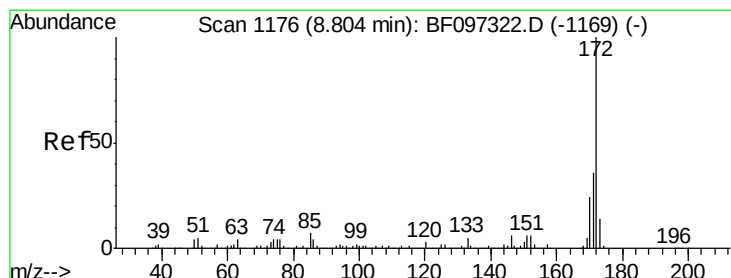
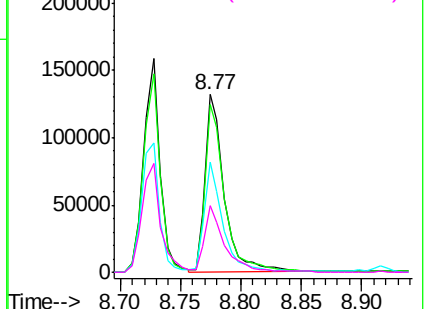
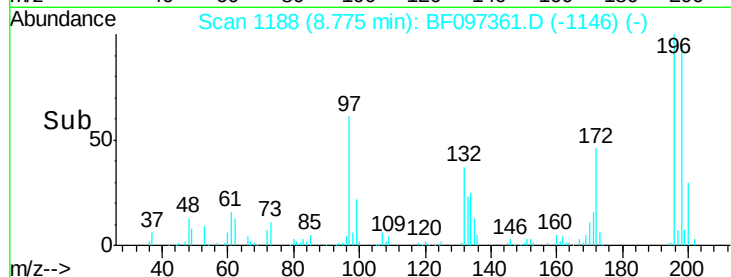
#43
 2,4,5-Trichlorophenol
 Concen: 39.08 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.05 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

Tot Ion:	196	Resp:	145133
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	62.0	47.7	71.5
132	37.3	28.0	42.0

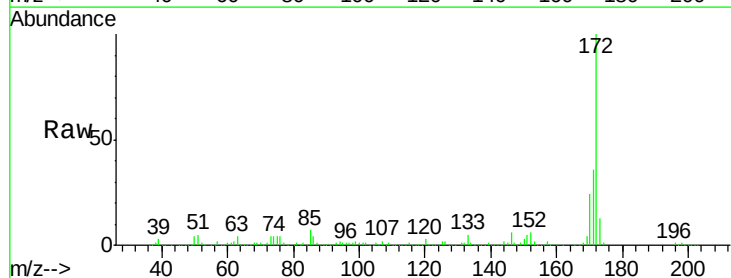


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

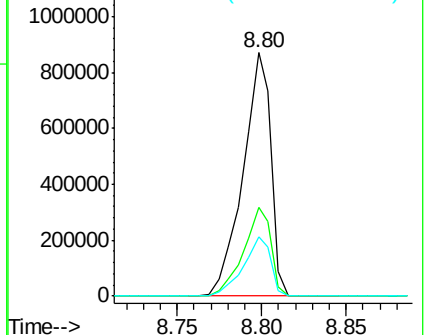
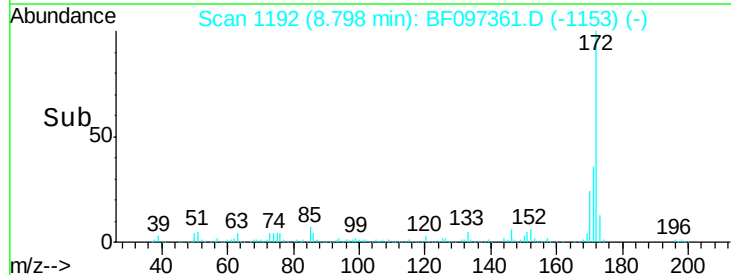


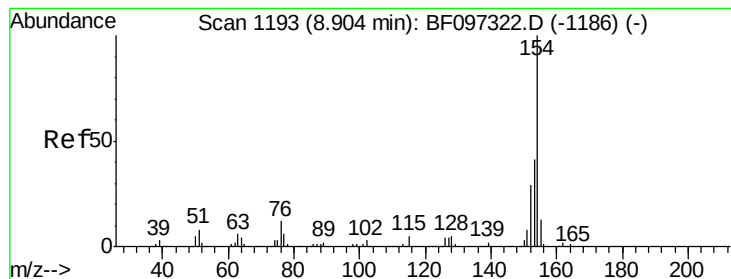
#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:	172	Resp:	1004457
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	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: 39.30 ng

RT: 8.90 min Scan# 1209

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

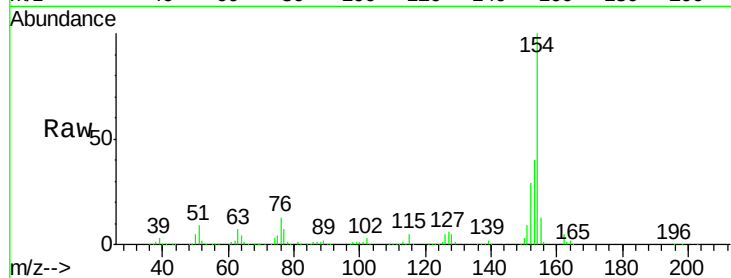
Tot Ion:154 Resp: 644069

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

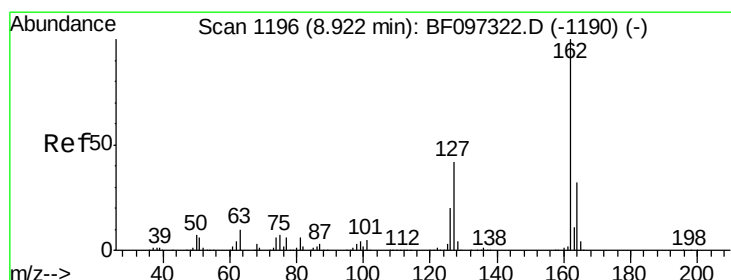
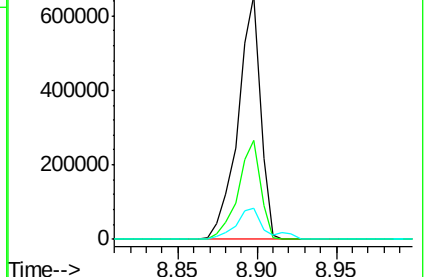
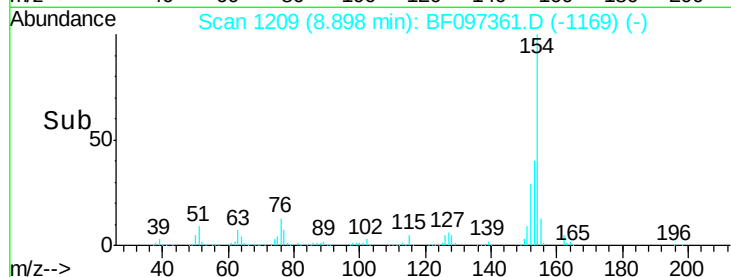
76 12.9 0.0 29.9



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: 41.88 ng

RT: 8.92 min Scan# 1212

Delta R.T. -0.07 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

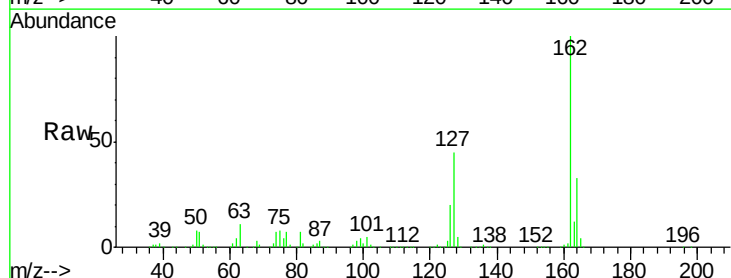
Tgt Ion:162 Resp: 505102

Ion Ratio Lower Upper

162 100

127 44.6 28.3 42.5#

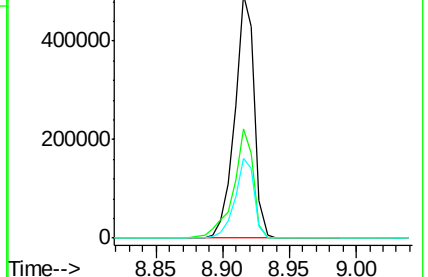
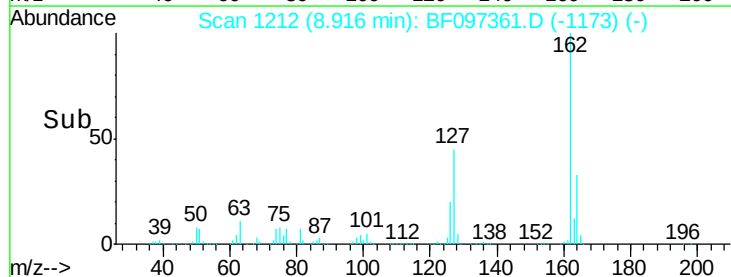
164 32.9 27.0 40.4

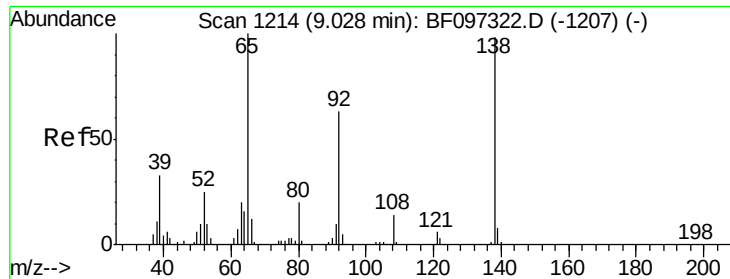


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

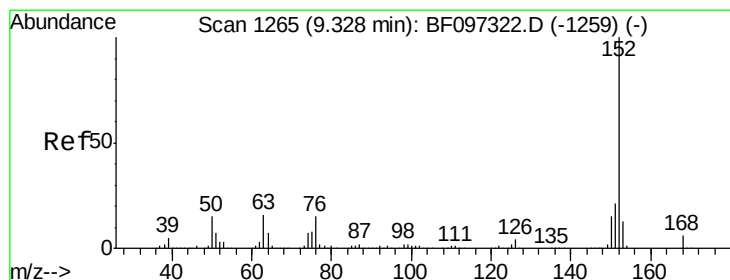
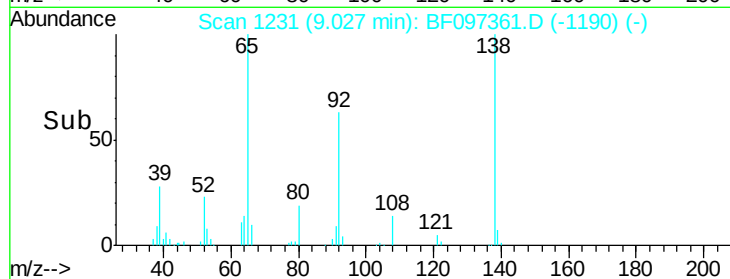
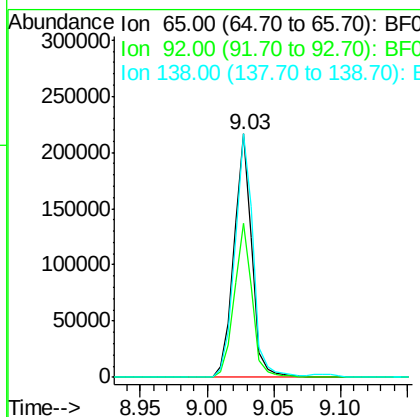
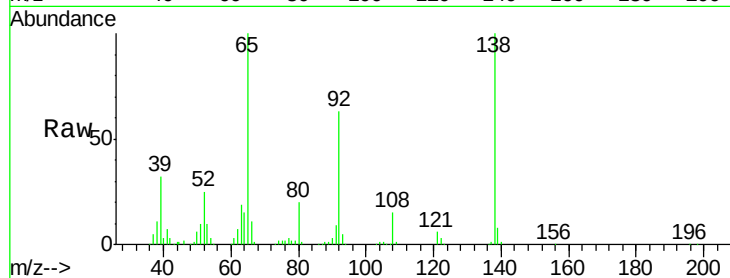




#47
2-Nitroaniline
Concen: 46.64 ng
RT: 9.03 min Scan# 1231
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

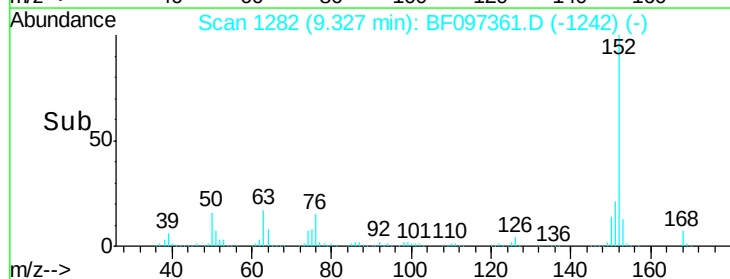
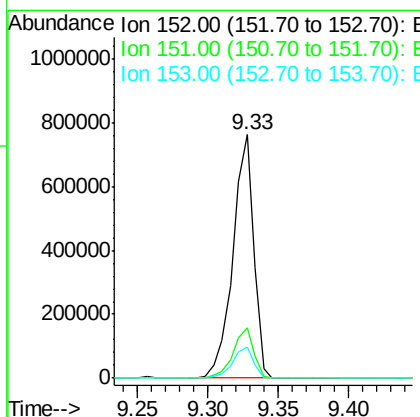
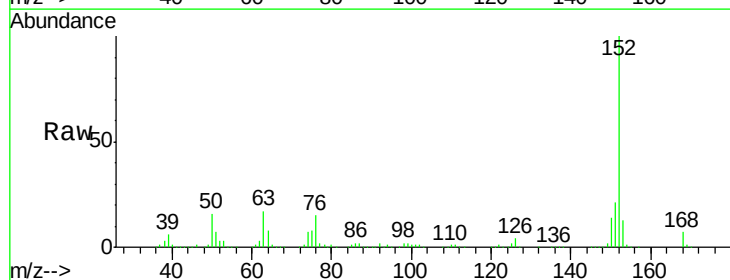
Instrument :
BNA_F
ClientSampleId :
PB101226BS

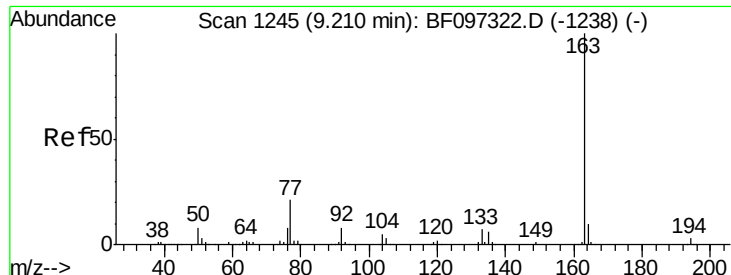
Tot Ion: 65 Resp: 204132
Ion Ratio Lower Upper
65 100
92 63.4 53.9 80.9
138 99.9 78.8 118.2



#48
Acenaphthylene
Concen: 42.36 ng
RT: 9.33 min Scan# 1282
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion: 152 Resp: 784166
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.0 10.8 16.2

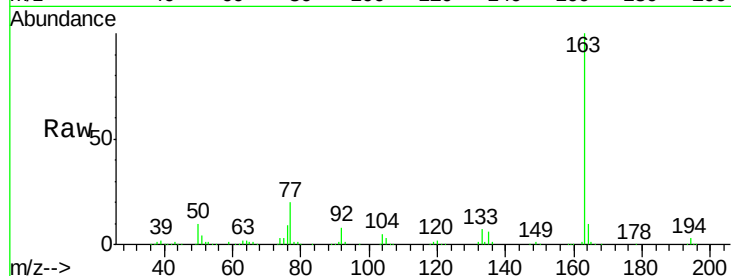




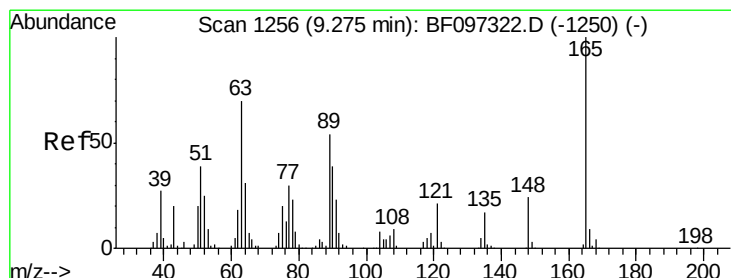
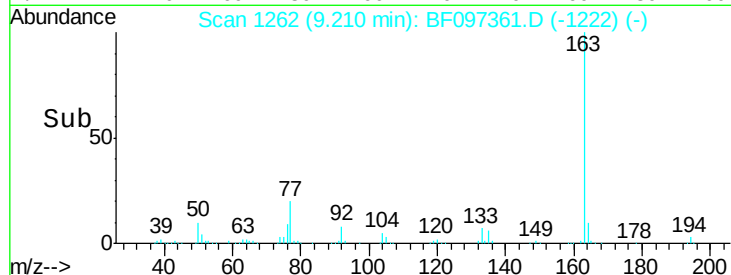
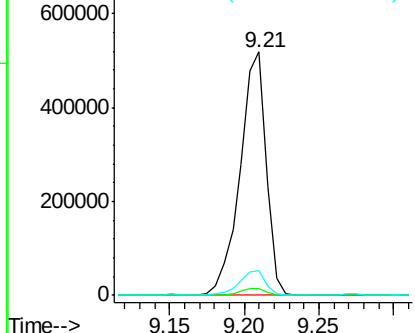
#49
Dimethylphthalate
Concen: 43.05 ng
RT: 9.21 min Scan# 1262
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Instrument :
BNA_F
ClientSampleId :
PB101226BS

Tot Ion:163 Resp: 627228
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.0 8.4 12.6

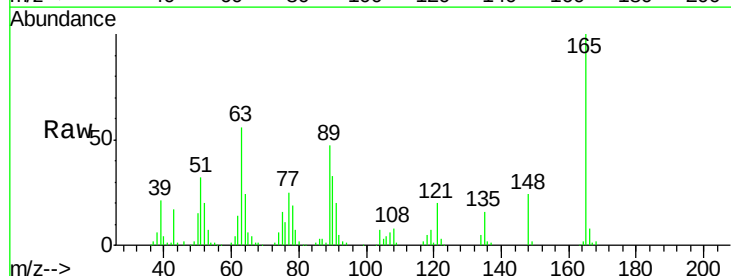


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

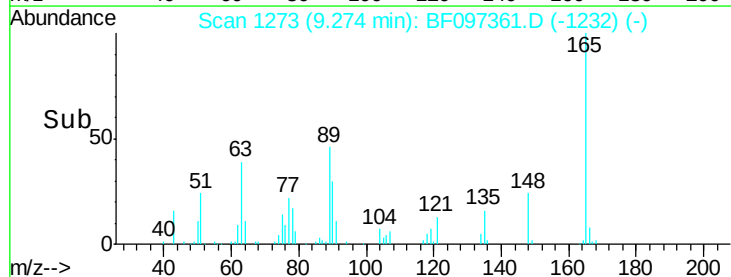
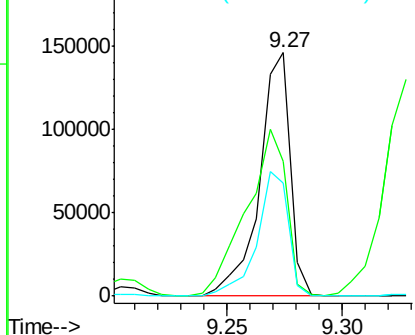


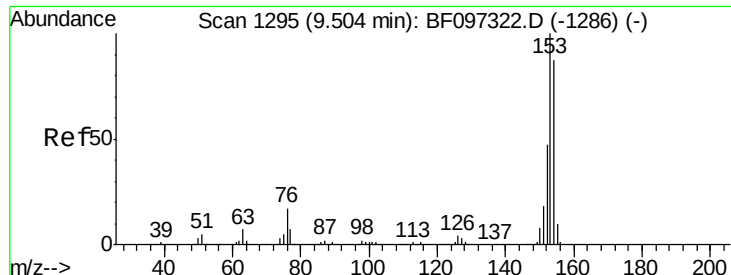
#50
2,6-Dinitrotoluene
Concen: 43.95 ng
RT: 9.27 min Scan# 1273
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:165 Resp: 135821
Ion Ratio Lower Upper
165 100
63 55.6 34.3 51.5#
89 46.7 37.1 55.7



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





#51

Acenaphthene

Concen: 42.30 ng

RT: 9.50 min Scan# 1311

Delta R.T. -0.07 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

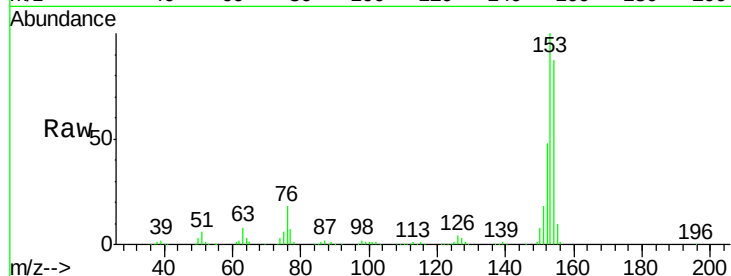
Tot Ion:154 Resp: 461256

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

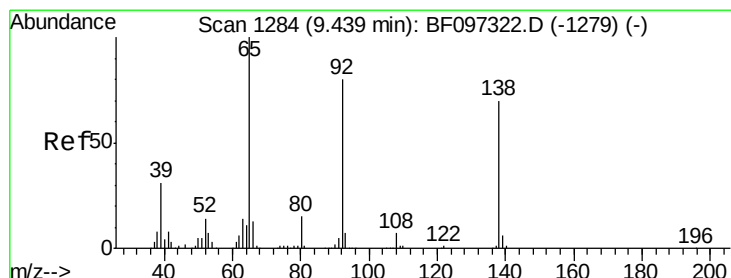
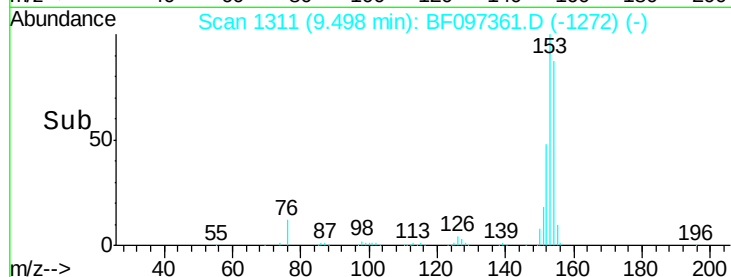
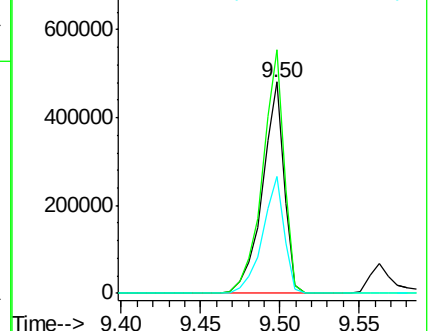
152 55.4 43.6 65.4



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: 19.80 ng

RT: 9.44 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

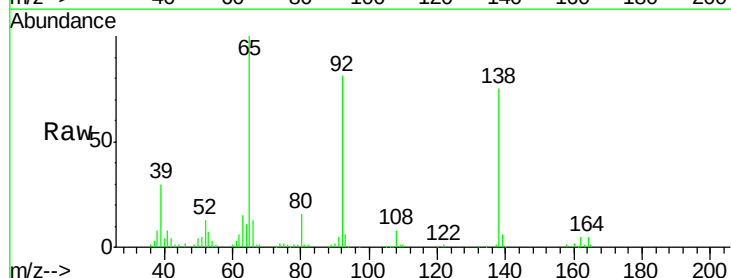
Tgt Ion:138 Resp: 75971

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

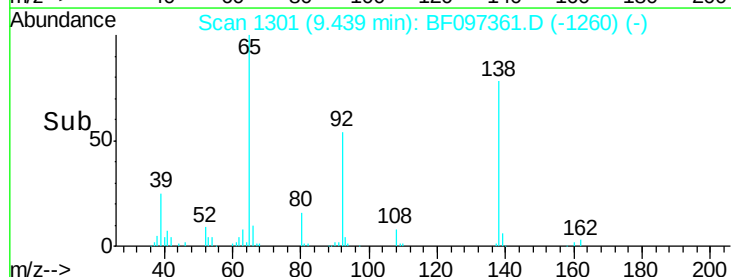
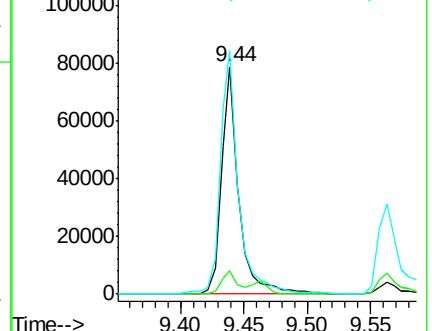
92 107.1 93.8 140.6

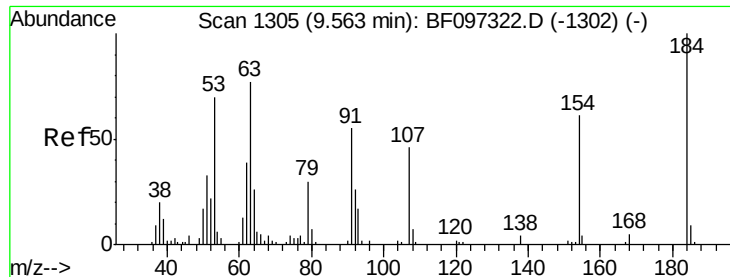


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

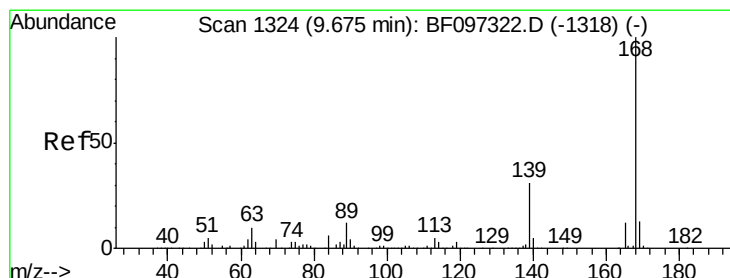
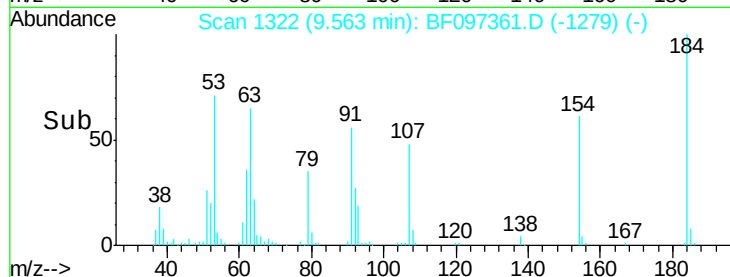
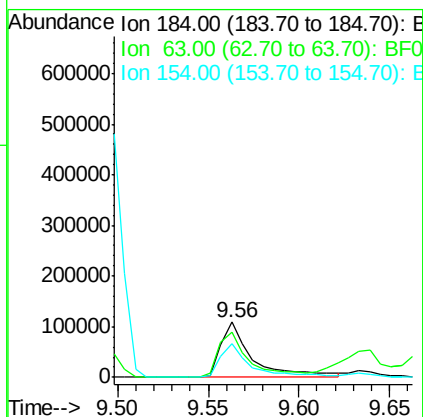
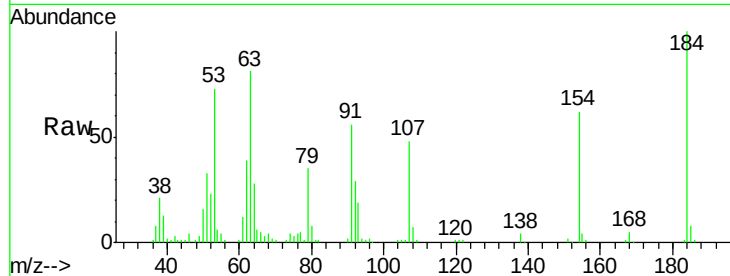




#53
 2,4-Dinitrophenol
 Concen: 94.17 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

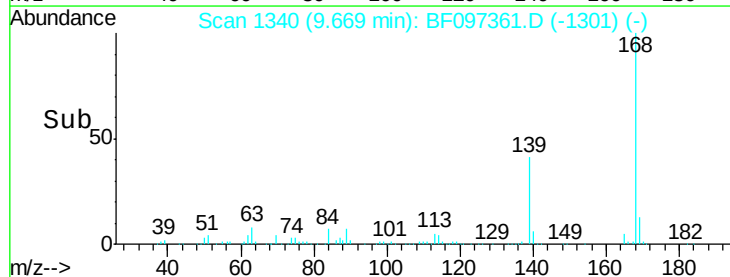
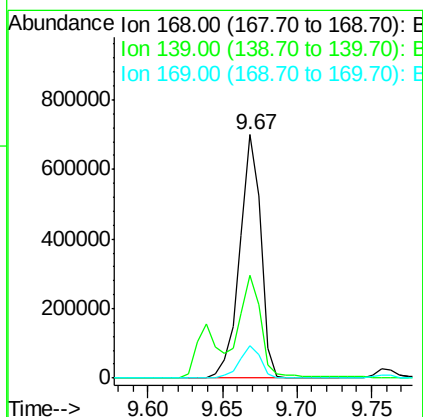
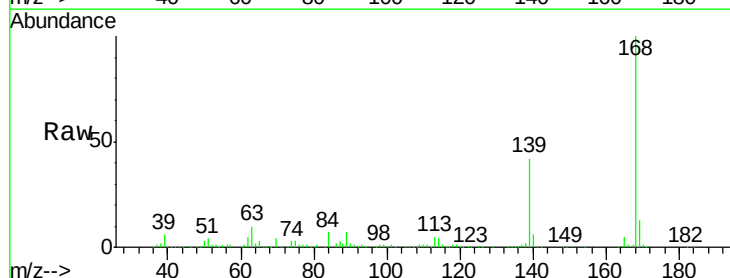
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

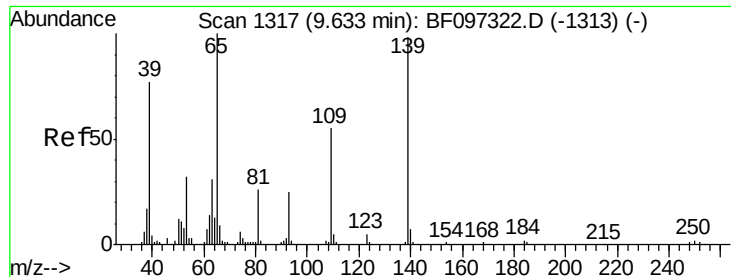
Tot Ion:184 Resp: 132332
 Ion Ratio Lower Upper
 184 100
 63 81.4 62.7 94.1
 154 61.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 47.24 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:168 Resp: 686116
 Ion Ratio Lower Upper
 168 100
 139 42.1 30.6 45.8
 169 13.1 10.8 16.2





#55

4-Nitrophenol

Concen: 66.03 ng

RT: 9.64 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleID :

PB101226BS

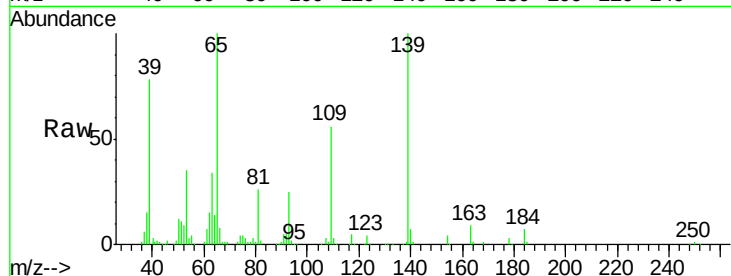
Tot Ion:139 Resp: 150618

Ion Ratio Lower Upper

139 100

109 56.3 34.1 74.1

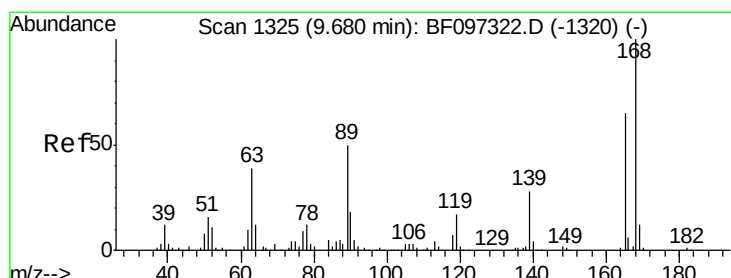
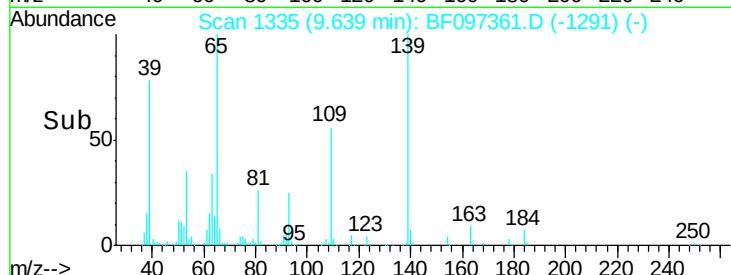
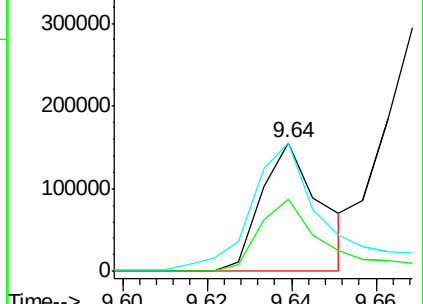
65 99.8 31.4 71.4#



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: 49.41 ng

RT: 9.68 min Scan# 1342

Delta R.T. -0.05 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Tgt Ion:165 Resp: 175559

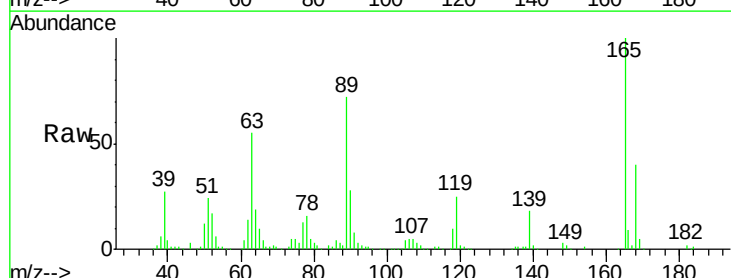
Ion Ratio Lower Upper

165 100

63 55.4 25.4 38.0#

89 72.1 46.4 69.6#

182 2.2 1.8 2.6

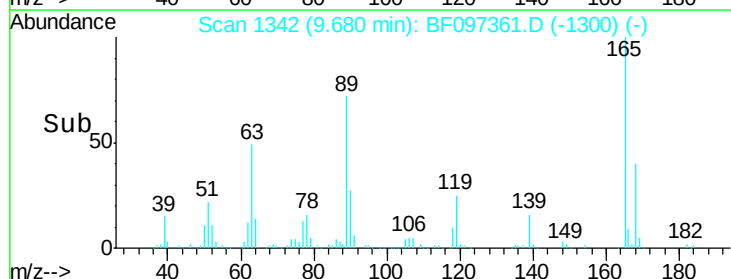
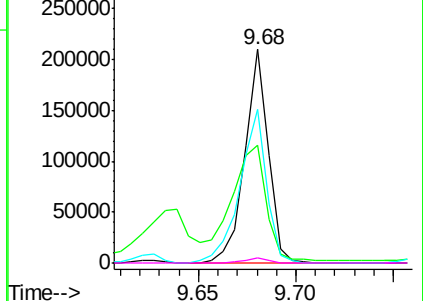


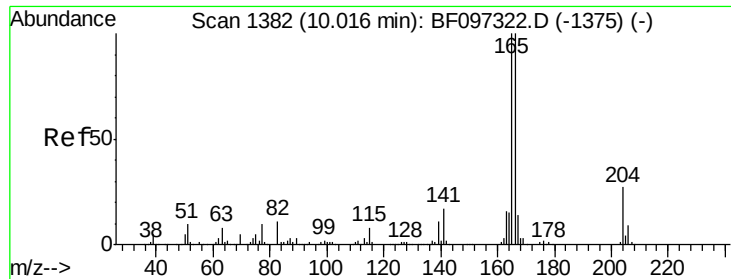
Abundance Ion 165.00 (164.70 to 165.70): E

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

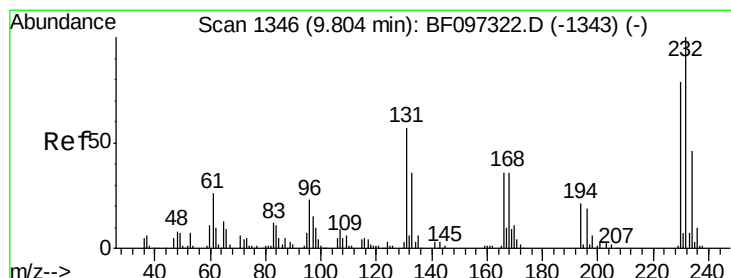
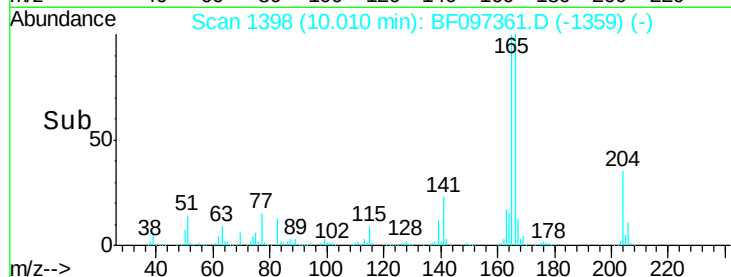
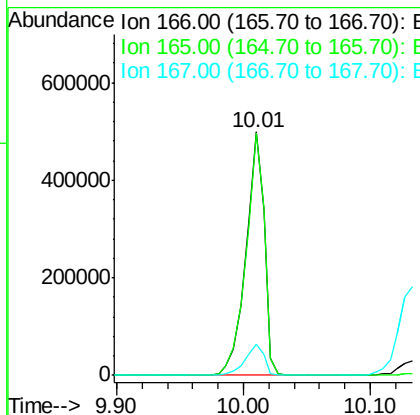
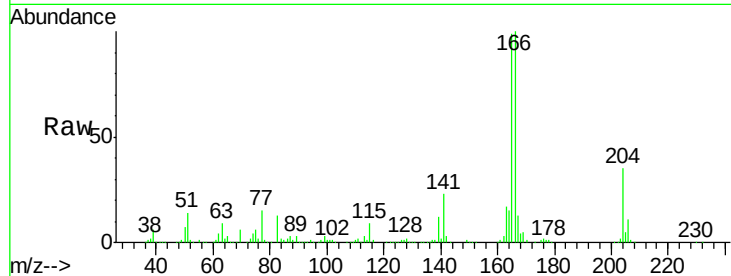




#57
 Fluorene
 Concen: 45.71 ng
 RT: 10.01 min Scan# 1398
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

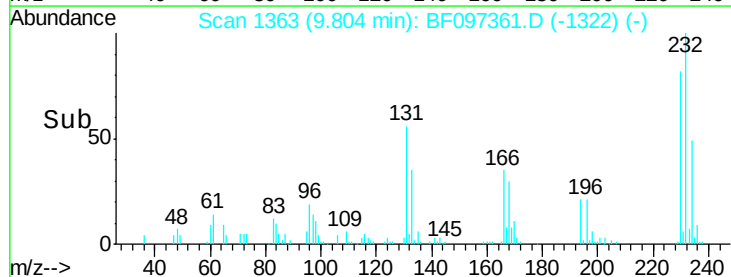
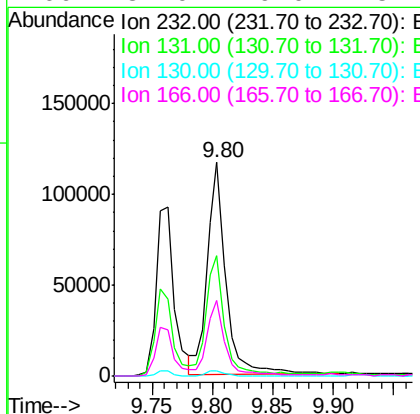
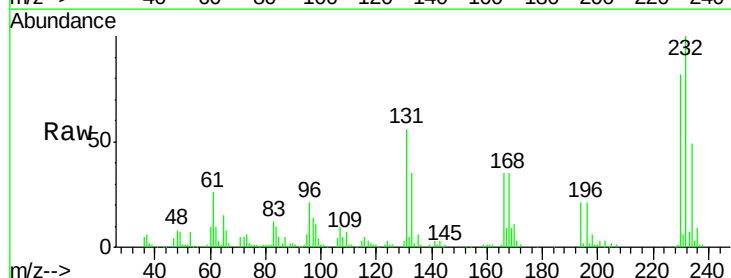
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

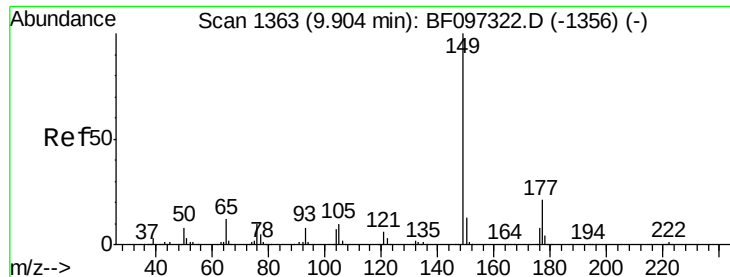
Tot Ion:166 Resp: 498959
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.97 ng
 RT: 9.80 min Scan# 1363
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:232 Resp: 125576
 Ion Ratio Lower Upper
 232 100
 131 57.1 44.8 67.2
 130 2.5 2.3 3.5
 166 32.0 29.0 43.4

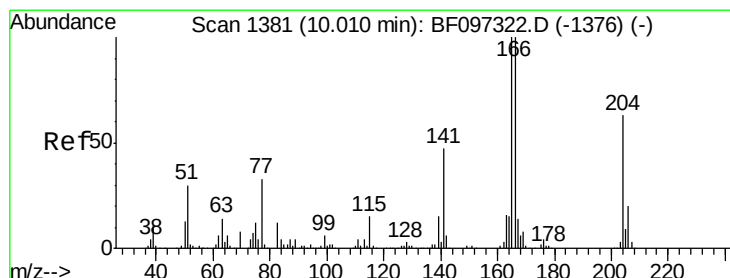
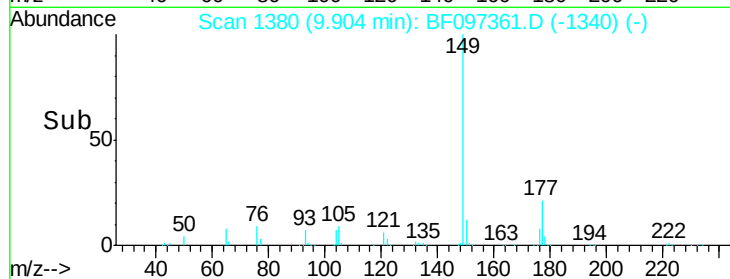
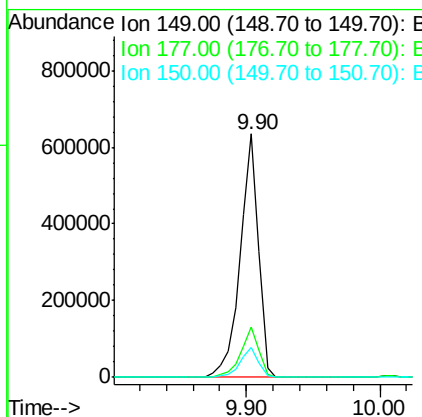
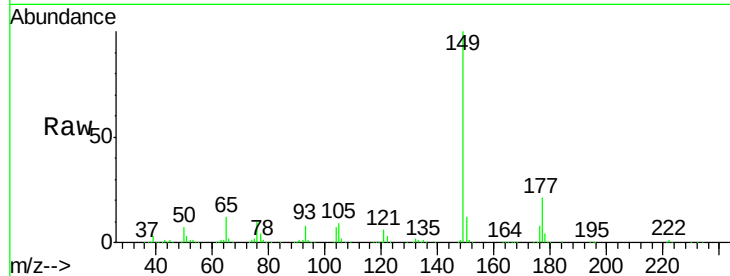




#59
Diethylphthalate
Concen: 45.15 ng
RT: 9.90 min Scan# 1380
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

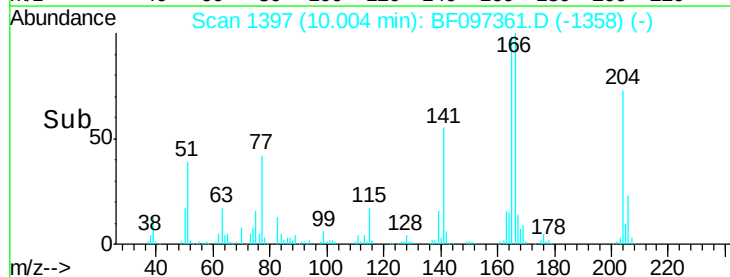
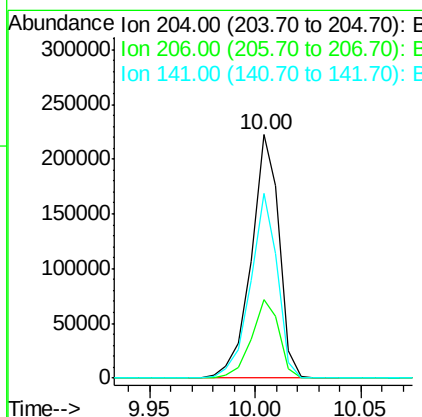
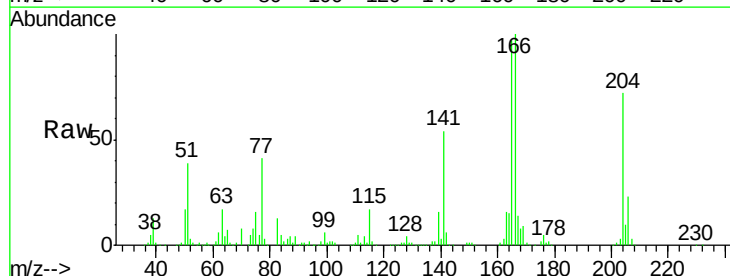
Instrument :
BNA_F
ClientSampleId :
PB101226BS

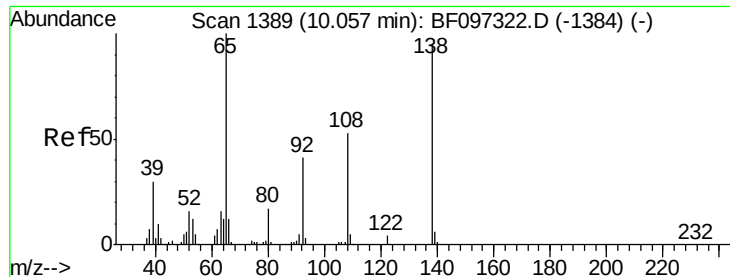
Tot Ion:149 Resp: 603599
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.28 ng
RT: 10.00 min Scan# 1397
Delta R.T. -0.07 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:204 Resp: 204127
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 75.6 60.8 91.2

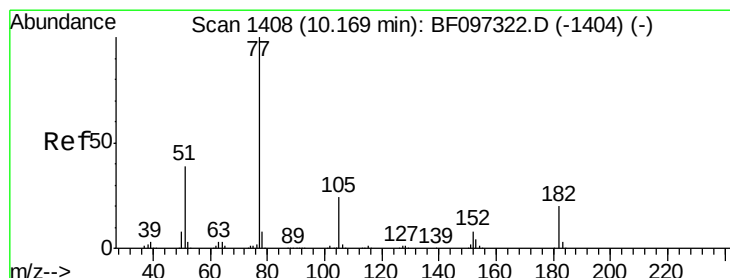
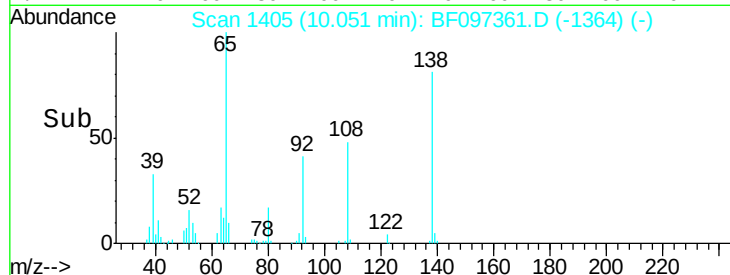
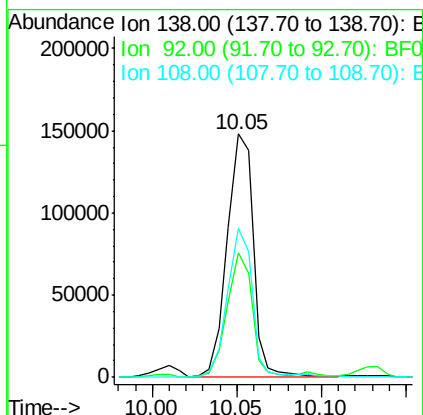
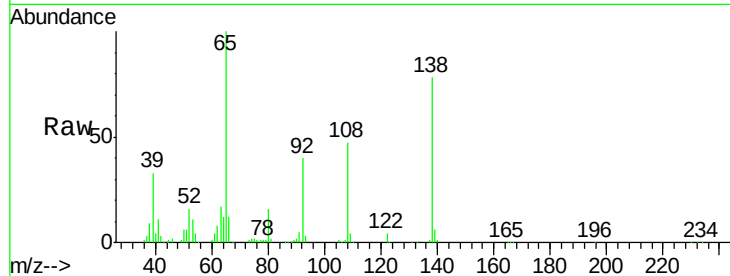




#61
4-Nitroaniline
Concen: 43.50 ng
RT: 10.05 min Scan# 1405
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

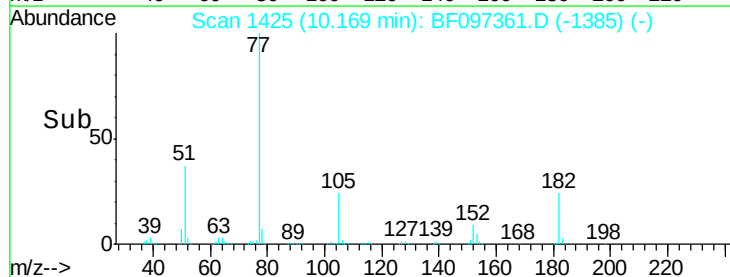
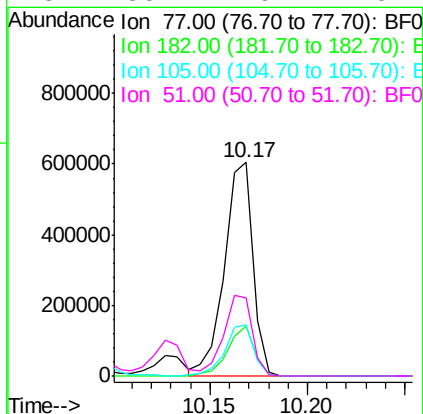
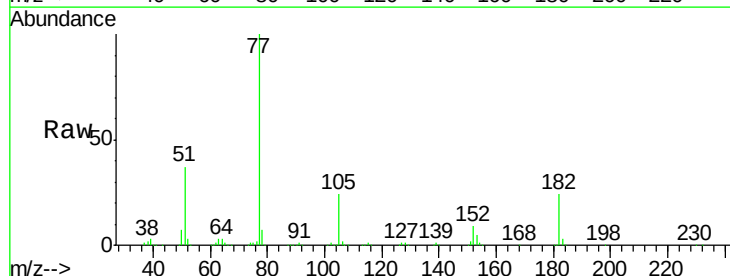
Instrument :
BNA_F
ClientSampleId :
PB101226BS

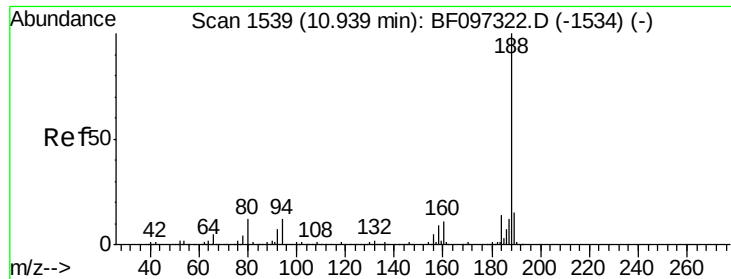
Tot Ion:138 Resp: 158561
Ion Ratio Lower Upper
138 100
92 50.9 21.8 61.8
108 61.1 42.3 82.3



#62
Azobenzene
Concen: 49.24 ng
RT: 10.17 min Scan# 1425
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion: 77 Resp: 610678
Ion Ratio Lower Upper
77 100
182 23.6 0.1 40.1
105 23.9 3.6 43.6
51 36.7 9.4 49.4

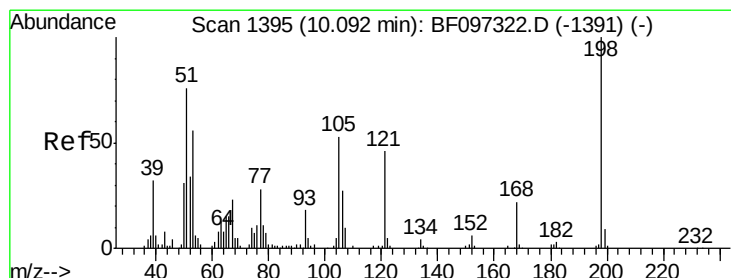
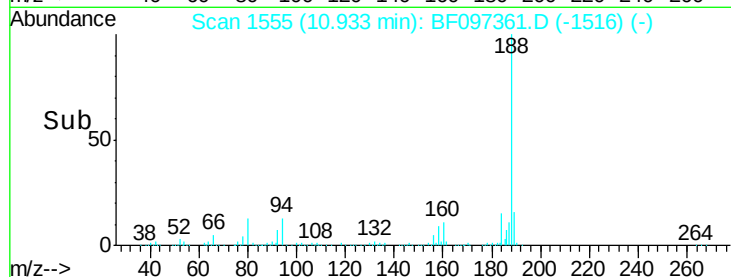
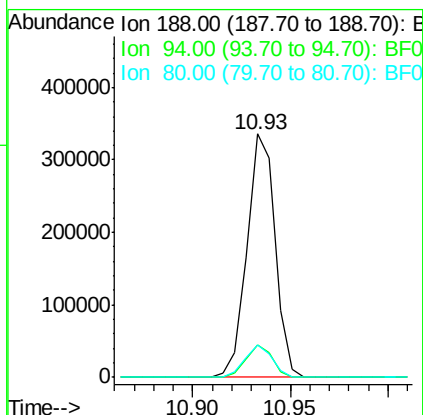
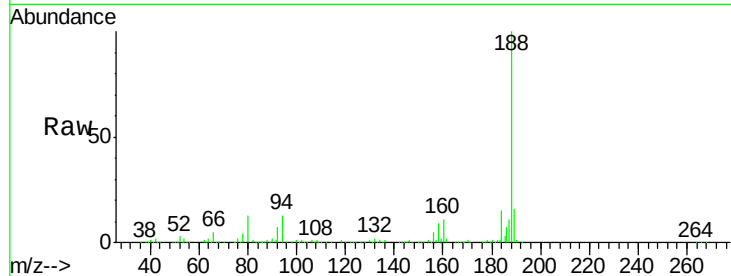




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

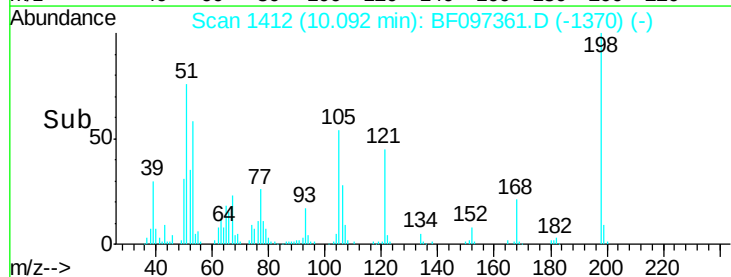
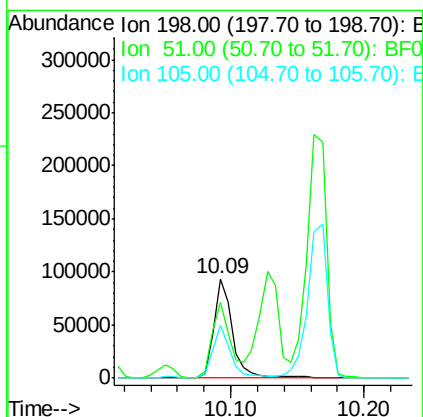
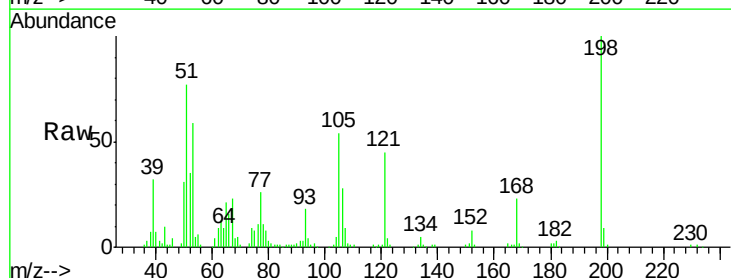
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

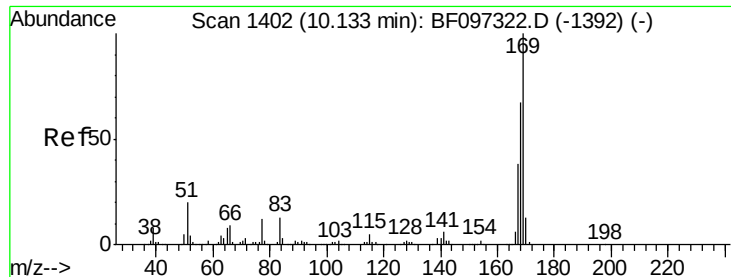
Tot Ion:188 Resp: 335420
 Ion Ratio Lower Upper
 188 100
 94 13.4 9.4 14.2
 80 13.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.07 ng
 RT: 10.09 min Scan# 1412
 Delta R.T. -0.05 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:198 Resp: 93943
 Ion Ratio Lower Upper
 198 100
 51 76.8 53.2 93.2
 105 53.8 45.8 85.8

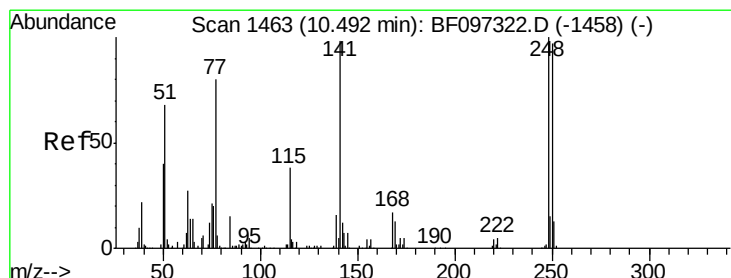
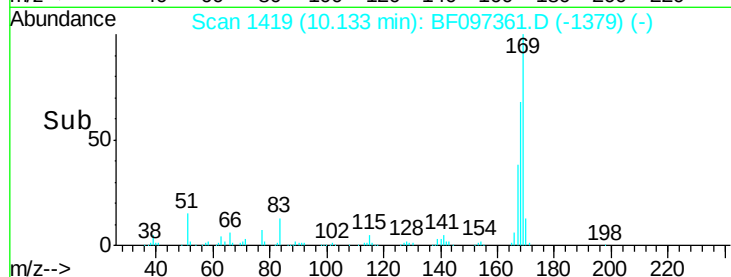
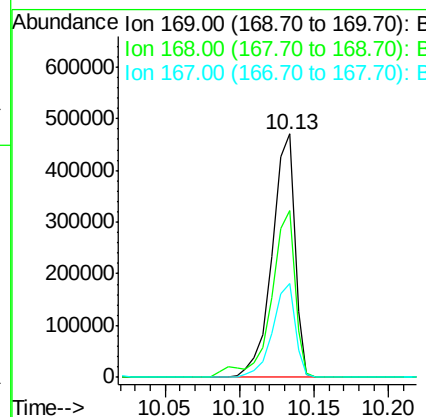
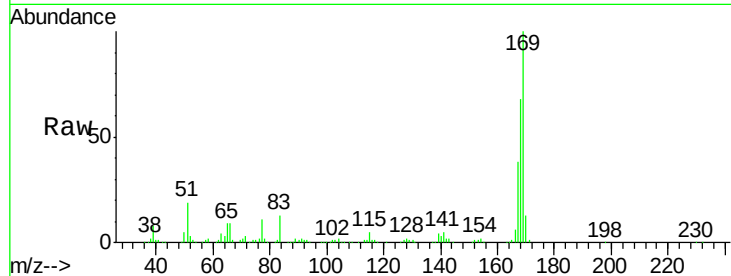




#65
n-Nitrosodiphenylamine
Concen: 42.74 ng
RT: 10.13 min Scan# 1419
Delta R.T. -0.06 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

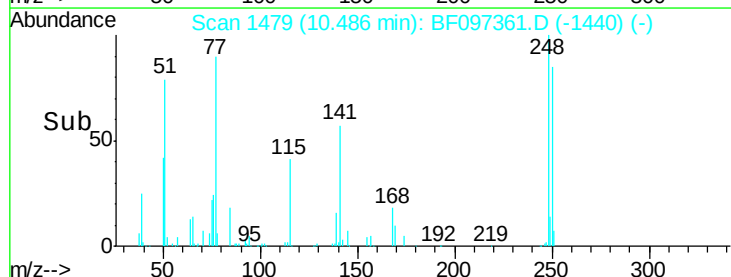
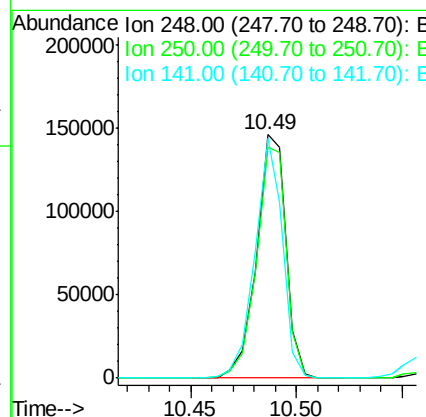
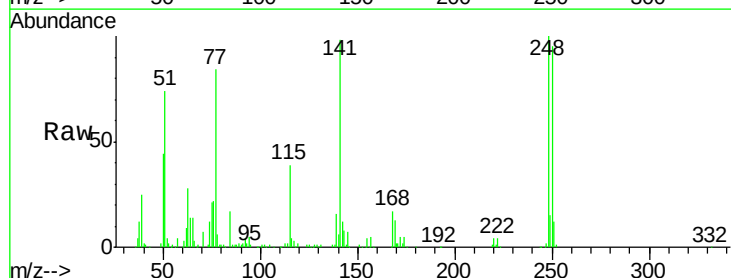
Instrument :
BNA_F
ClientSampleId :
PB101226BS

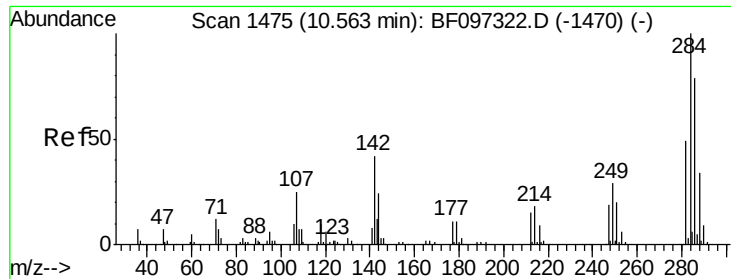
Tot Ion:169 Resp: 498805
Ion Ratio Lower Upper
169 100
168 68.4 53.2 79.8
167 38.4 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.29 ng
RT: 10.49 min Scan# 1479
Delta R.T. -0.07 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:248 Resp: 141555
Ion Ratio Lower Upper
248 100
250 95.0 76.8 115.2
141 98.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 39.49 ng

RT: 10.56 min Scan# 1491

Delta R.T. -0.07 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

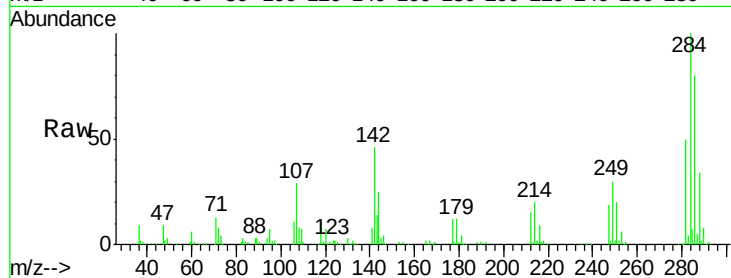
Tot Ion:284 Resp: 148229

Ion Ratio Lower Upper

284 100

142 45.6 22.8 34.2#

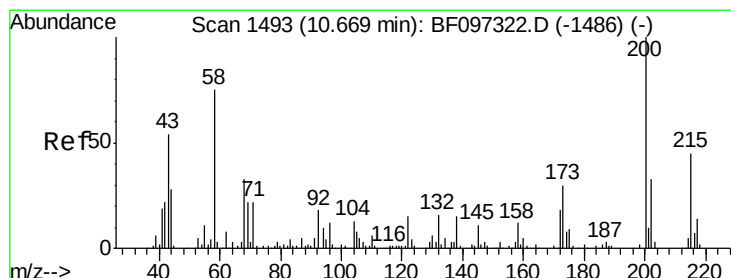
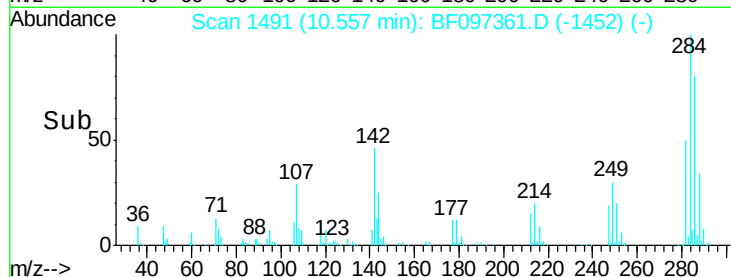
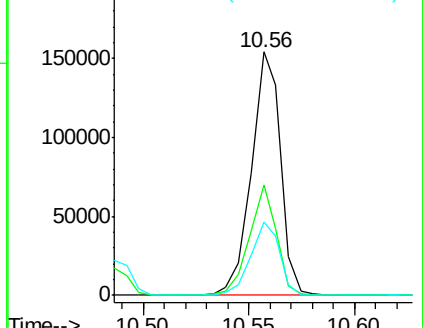
249 30.4 24.0 36.0



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: 43.02 ng

RT: 10.66 min Scan# 1509

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

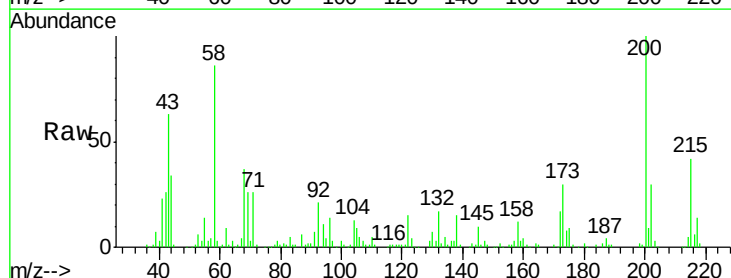
Tgt Ion:200 Resp: 143969

Ion Ratio Lower Upper

200 100

173 29.6 6.3 46.3

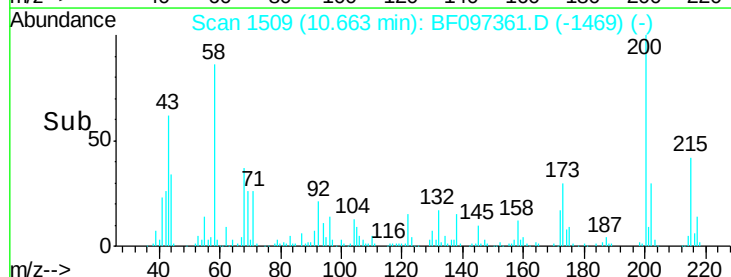
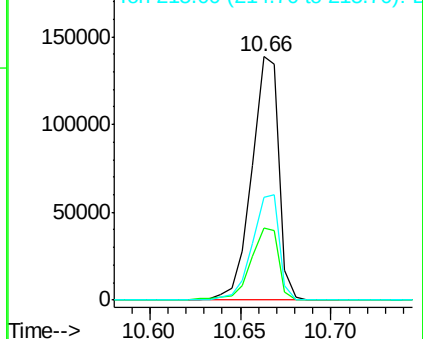
215 42.2 27.2 67.2

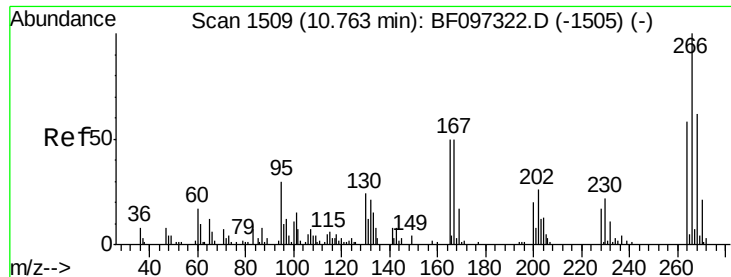


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

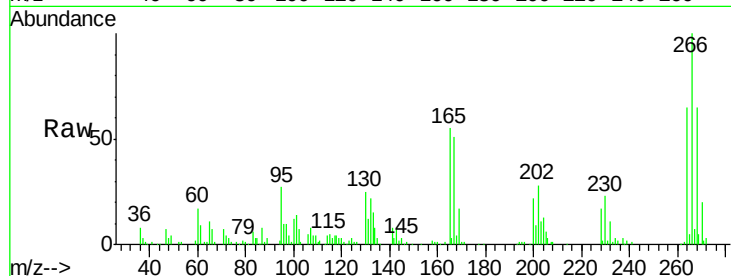




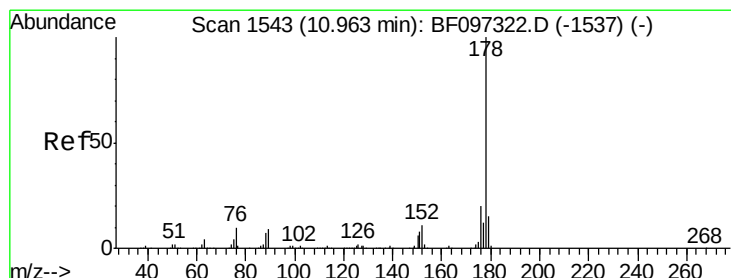
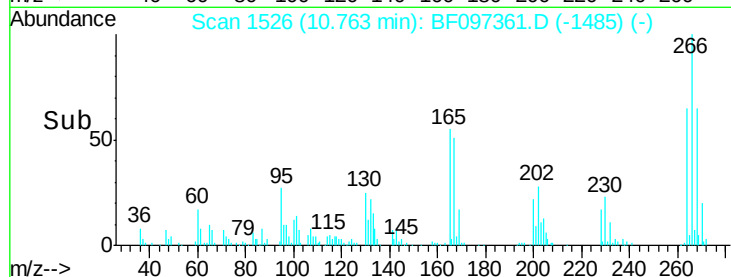
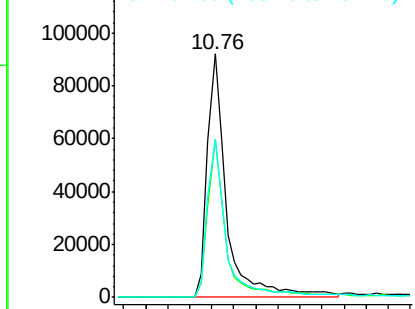
#69
 Pentachlorophenol
 Concen: 70.78 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

Tot Ion:266 Resp: 109924
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 64.7 51.7 77.5

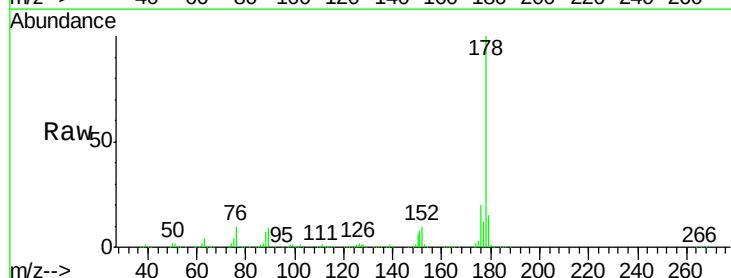


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

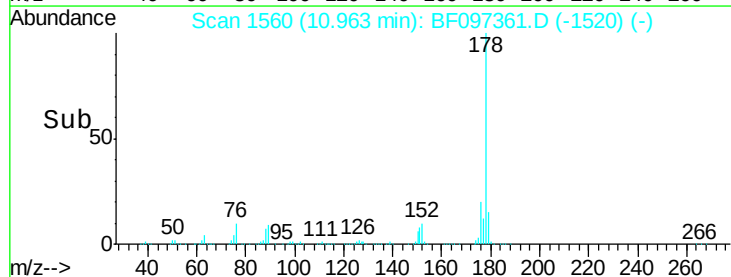
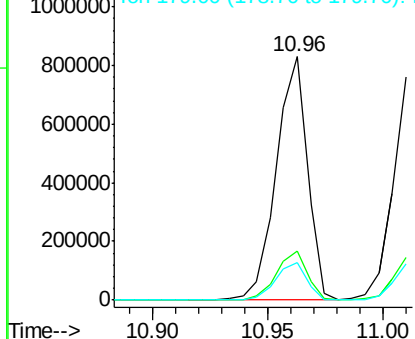


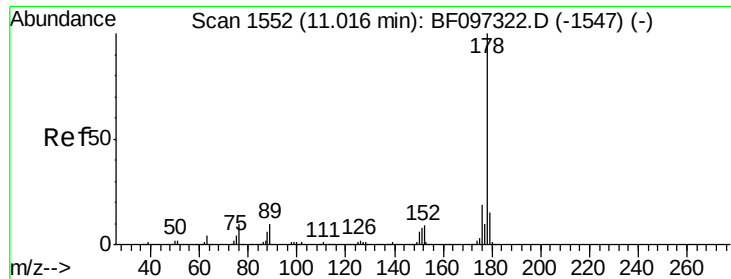
#70
 Phenanthrene
 Concen: 43.25 ng
 RT: 10.96 min Scan# 1560
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:178 Resp: 777247
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.5 12.6 19.0



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

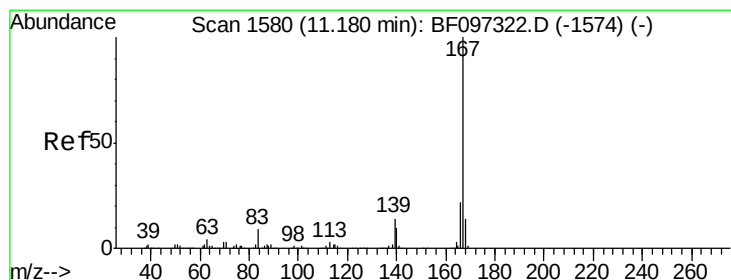
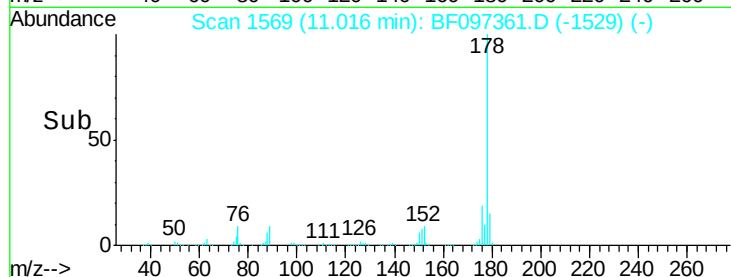
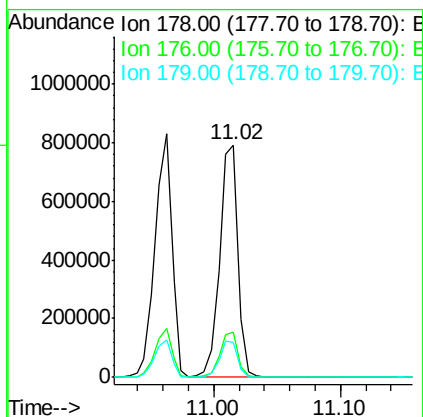
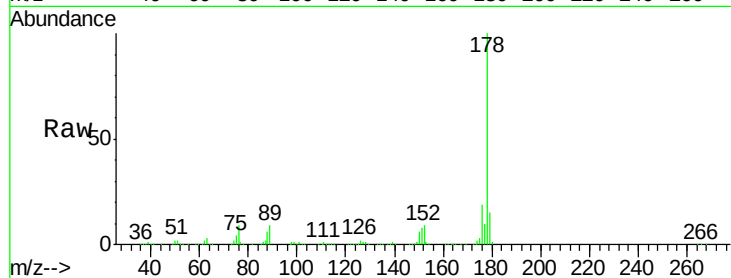




#71
 Anthracene
 Concen: 43.41 ng
 RT: 11.02 min Scan# 1569
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

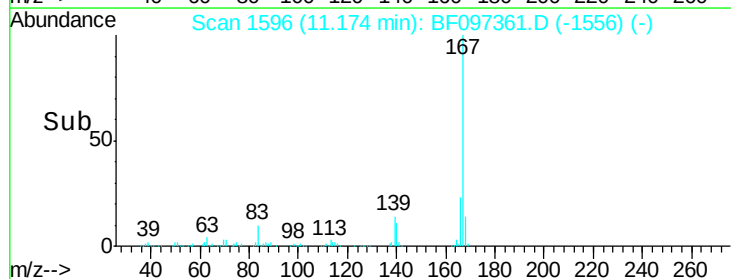
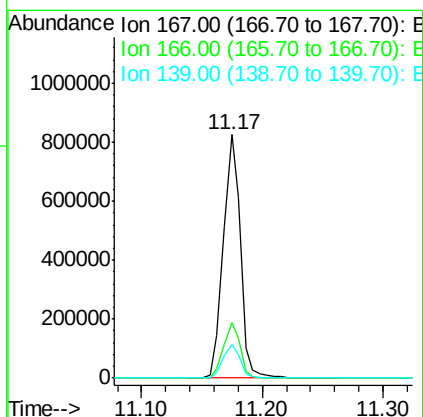
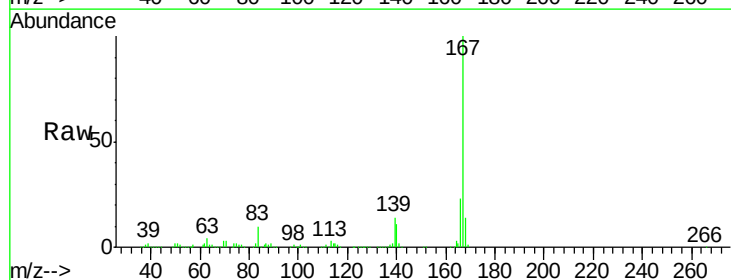
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

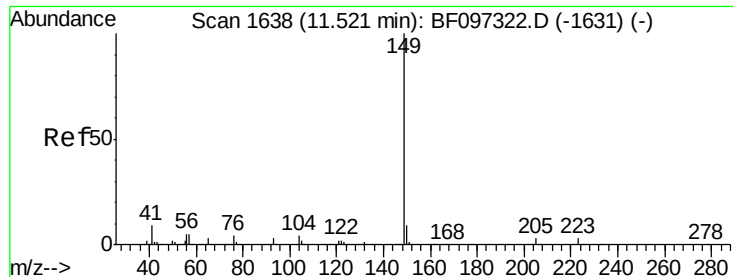
Tot Ion:178 Resp: 799008
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 44.56 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.06 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:167 Resp: 806606
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.19 ng

RT: 11.52 min Scan# 1654

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

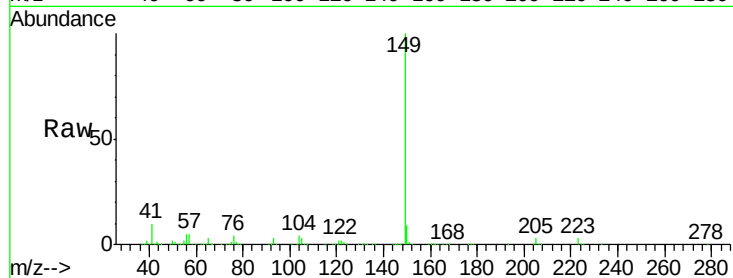
Tot Ion:149 Resp: 966379

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

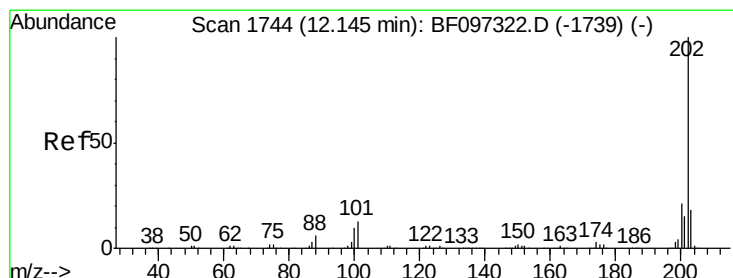
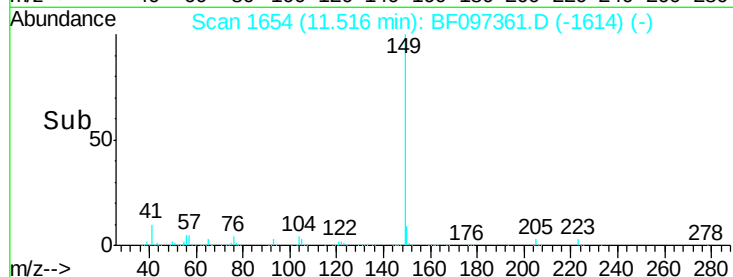
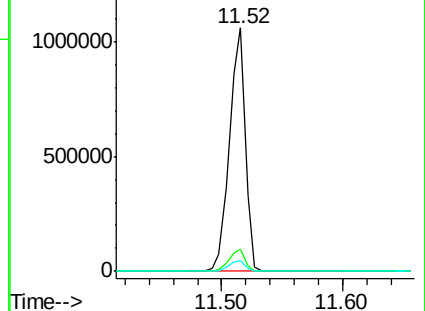
104 4.3 4.0 6.0



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: 44.90 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.07 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

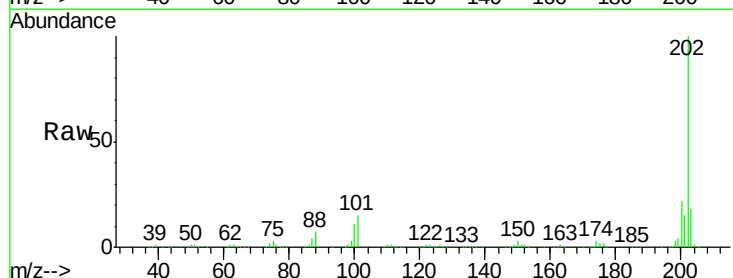
Tgt Ion:202 Resp: 790552

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.2

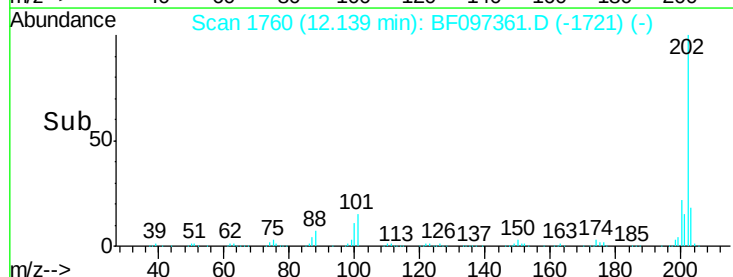
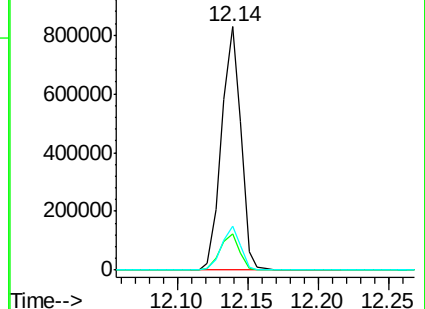
203 17.9 0.0 38.1

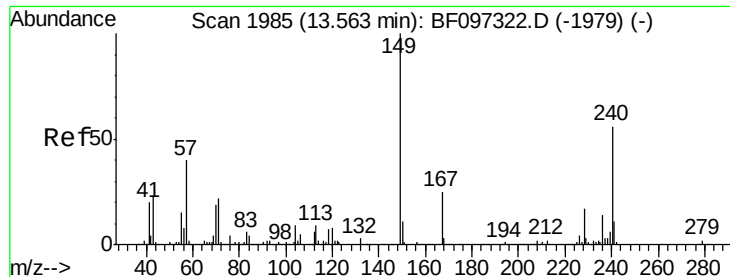


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.56 min Scan# 2001

Delta R.T. -0.07 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

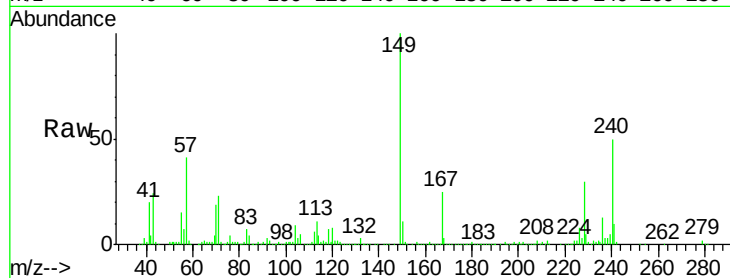
Tot Ion:240 Resp: 216402

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

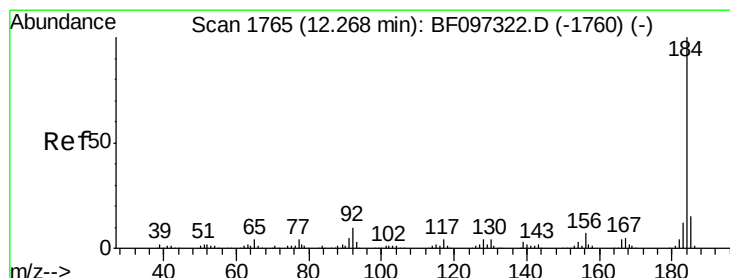
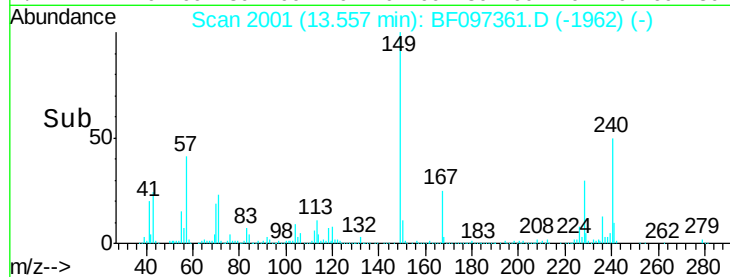
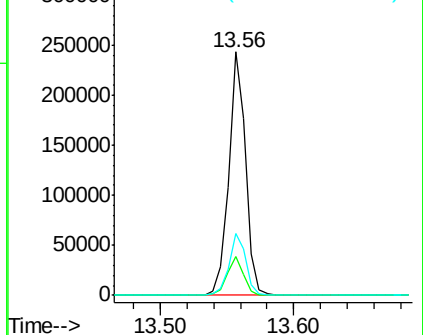
236 25.4 20.5 30.7



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: 23.83 ng

RT: 12.27 min Scan# 1782

Delta R.T. -0.06 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

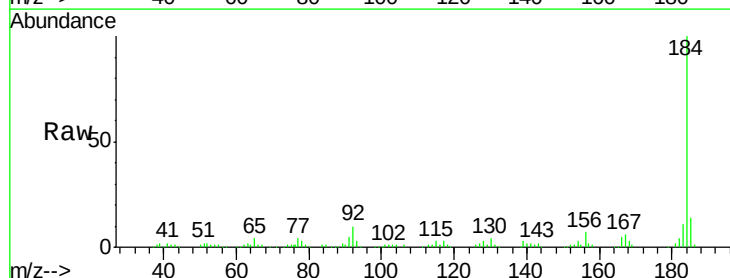
Tgt Ion:184 Resp: 191379

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

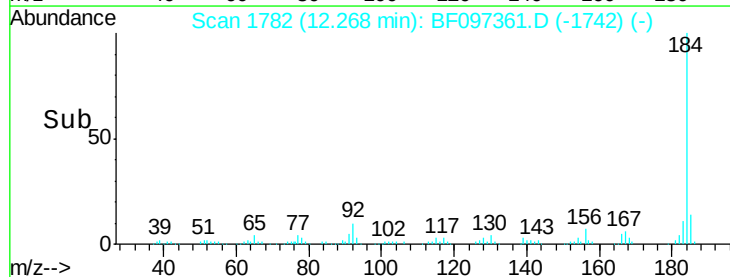
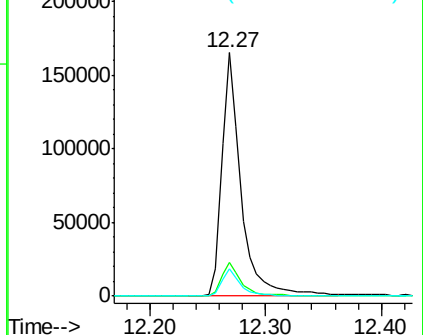
183 11.2 9.8 14.6

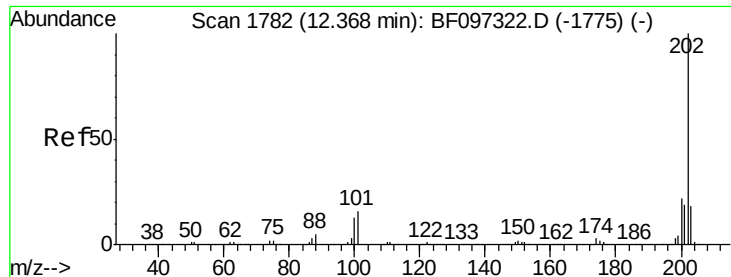


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

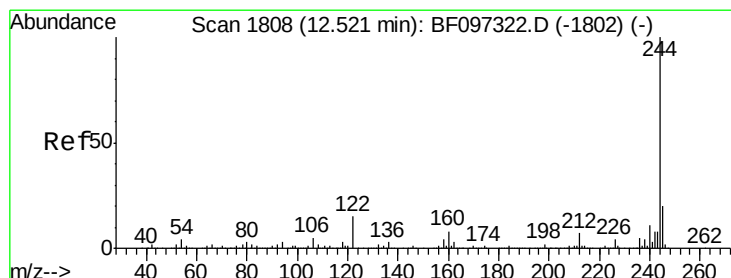
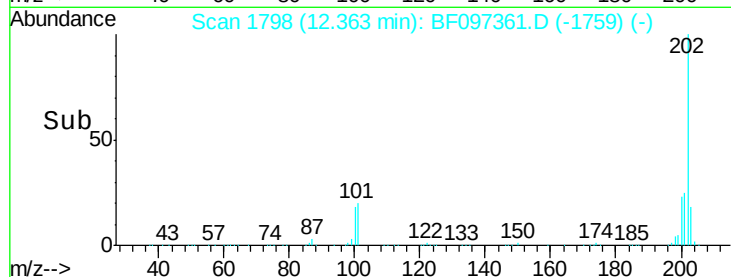
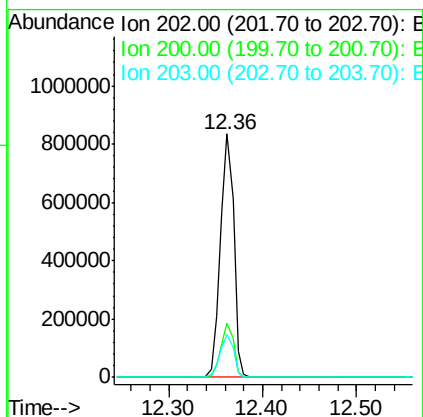
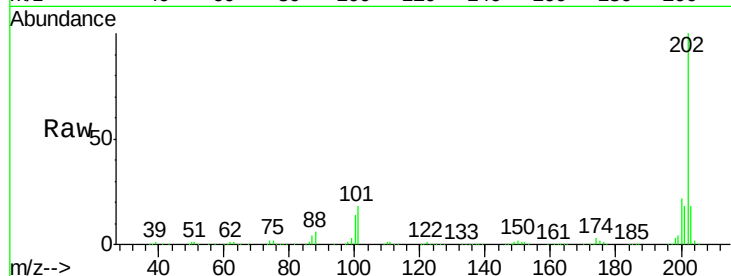




#77
Pvrene
Concen: 47.16 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.07 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

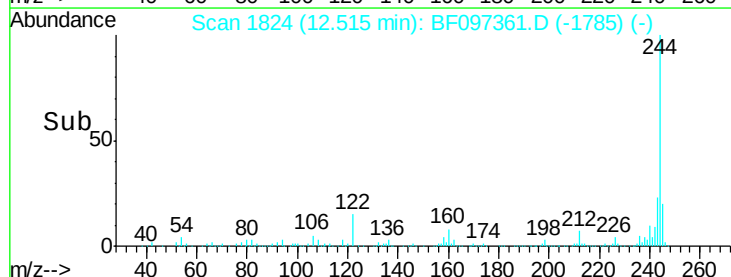
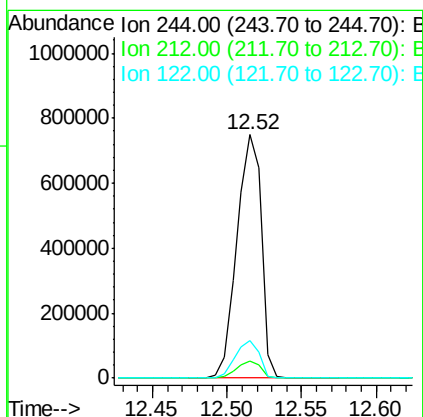
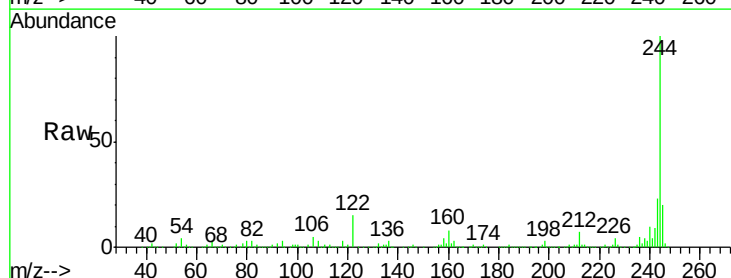
Instrument :
BNA_F
ClientSampleId :
PB101226BS

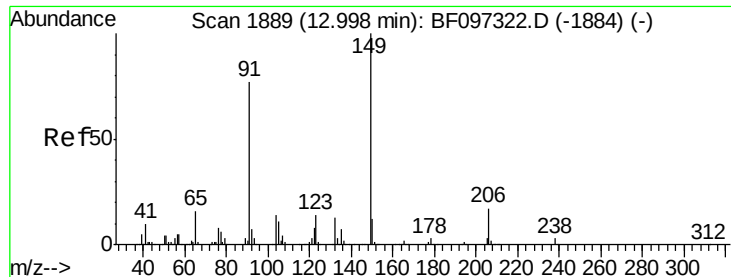
Tot Ion:202 Resp: 835472
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 80.87 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.07 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:244 Resp: 858378
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 15.4 10.3 15.5

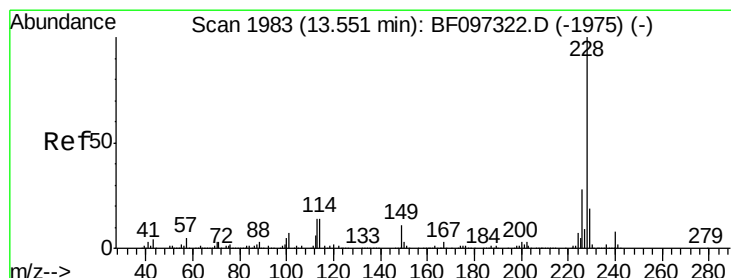
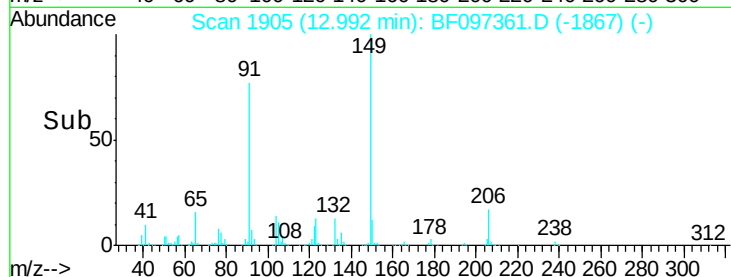
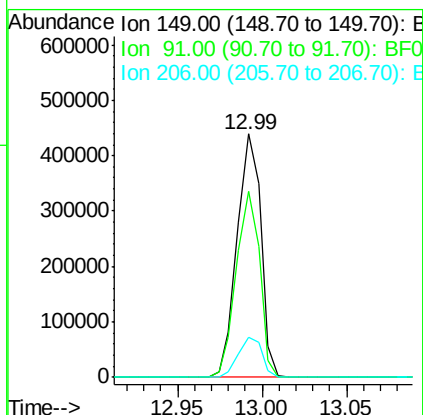
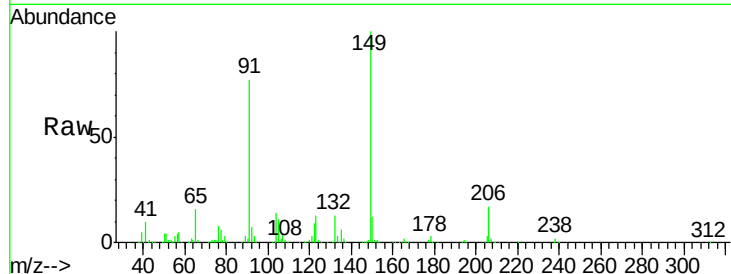




#79
Butylbenzylphthalate
Concen: 47.93 ng
RT: 12.99 min Scan# 1905
Delta R.T. -0.08 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

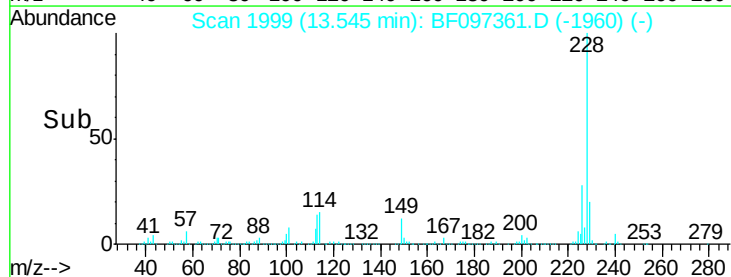
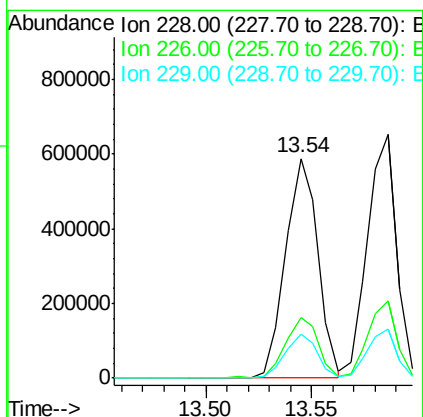
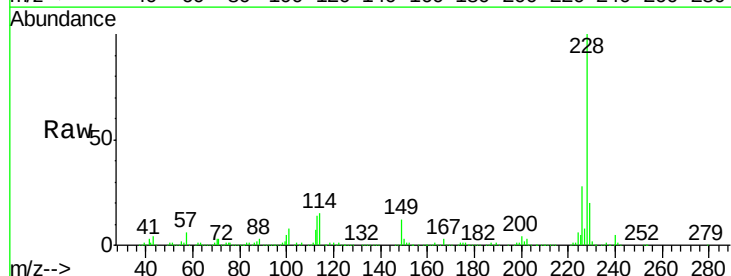
Instrument :
BNA_F
ClientSampleId :
PB101226BS

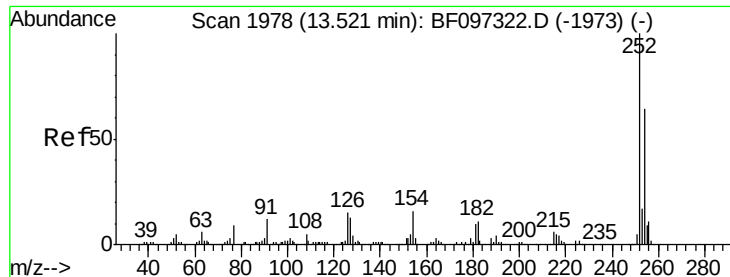
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.6	45.0	67.4#
206	16.7	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 44.82 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.07 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.1	16.3	24.5

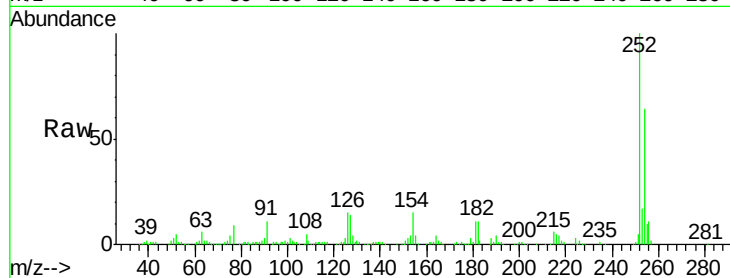




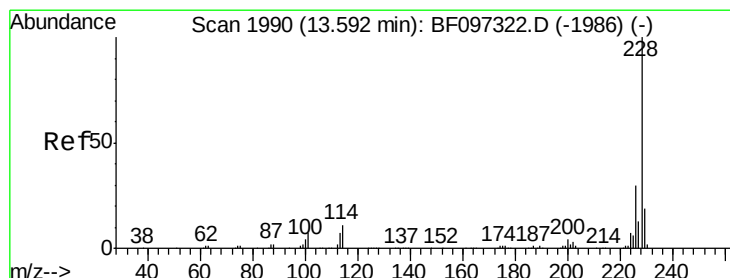
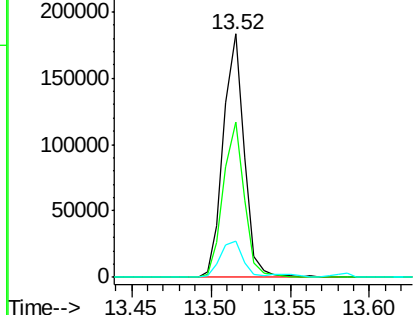
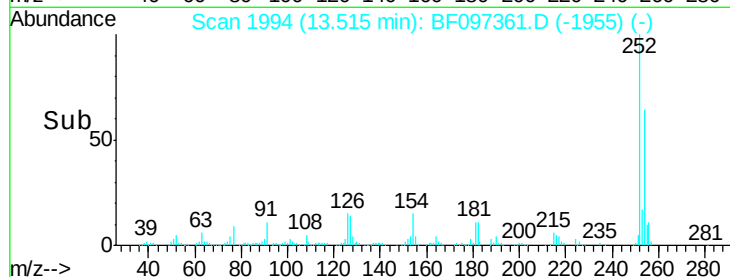
#81
 3,3'-Dichlorobenzidine
 Concen: 31.89 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	14.8	15.8	23.8#

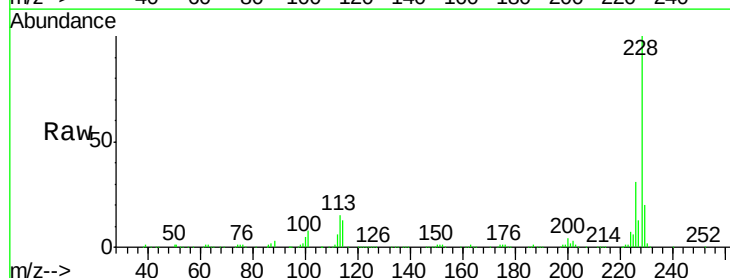


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

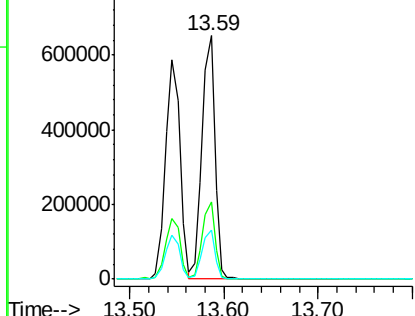
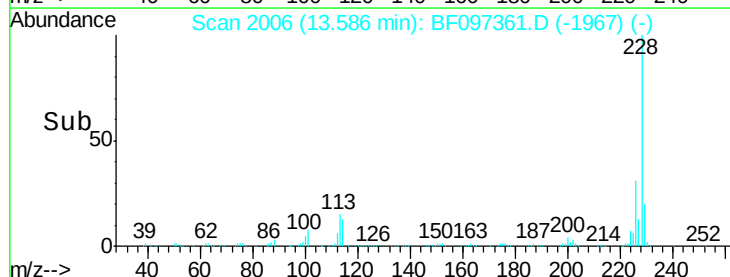


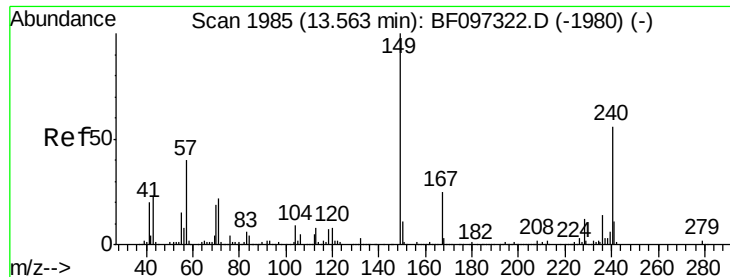
#82
 Chrysene
 Concen: 46.40 ng
 RT: 13.59 min Scan# 2006
 Delta R.T. -0.07 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.3	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.93 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.08 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

Instrument :

BNA_F

ClientSampleId :

PB101226BS

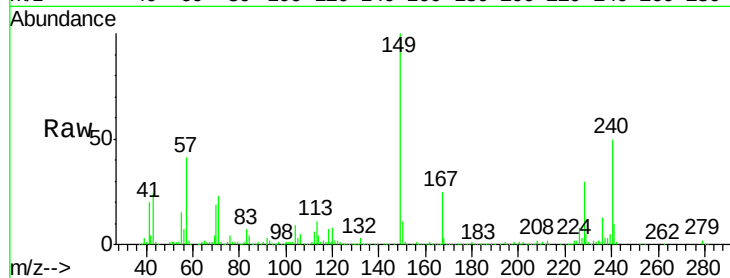
Tot Ion:149 Resp: 493331

Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.4

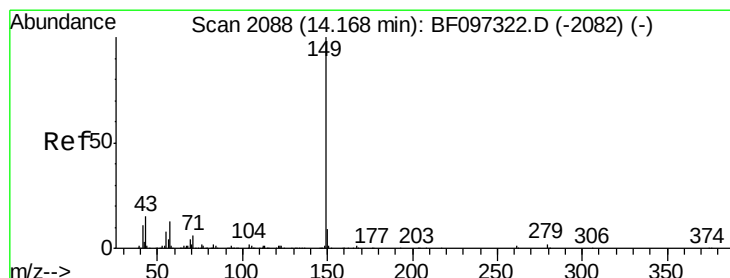
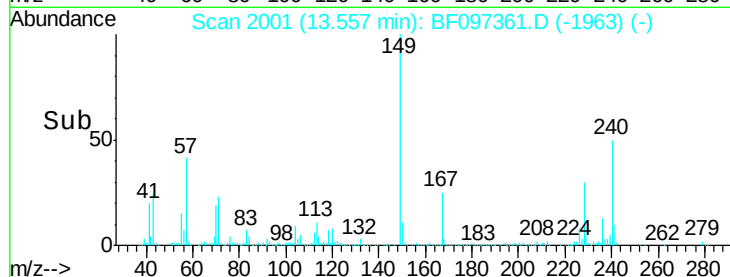
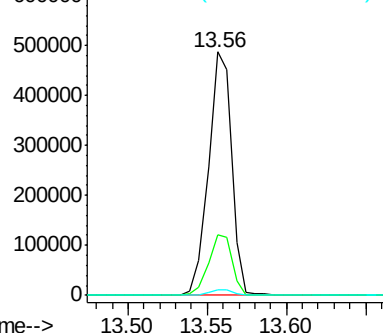
279 2.4 1.9 2.9



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: 45.57 ng

RT: 14.16 min Scan# 2104

Delta R.T. -0.08 min

Lab File: BF097361.D

Acq: 4 Aug 2017 17:46

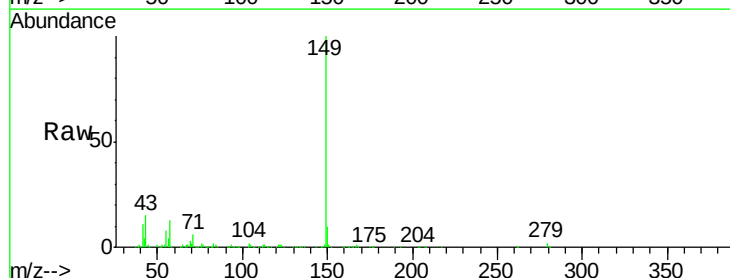
Tgt Ion:149 Resp: 983880

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

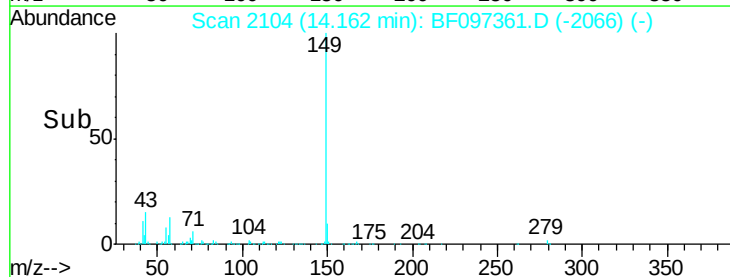
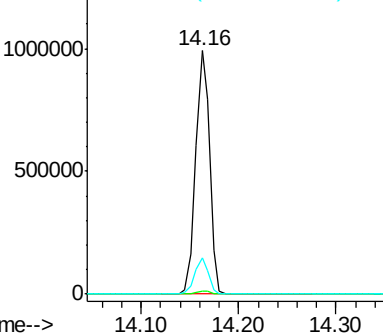
43 14.2 8.5 12.7#

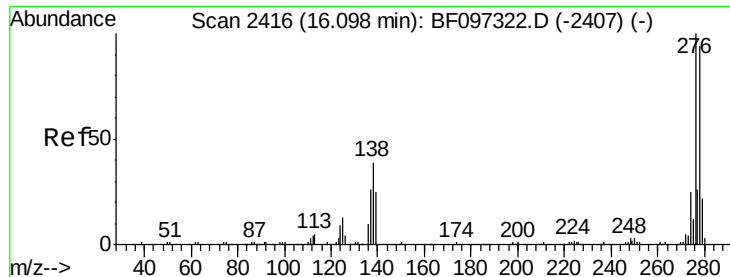


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

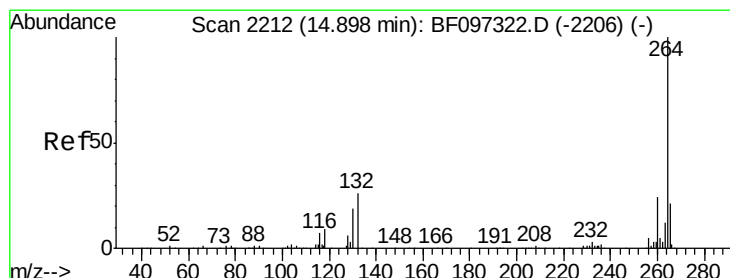
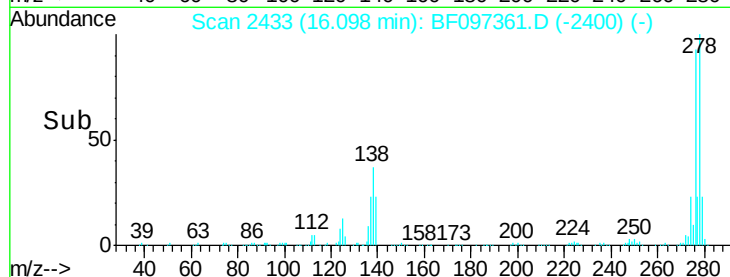
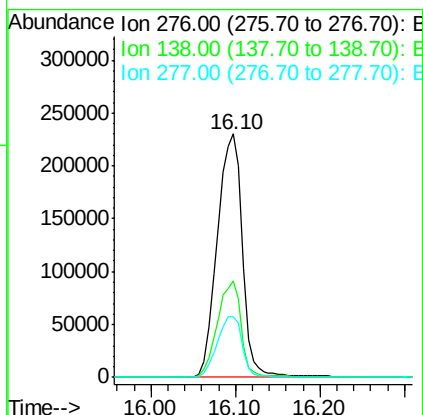
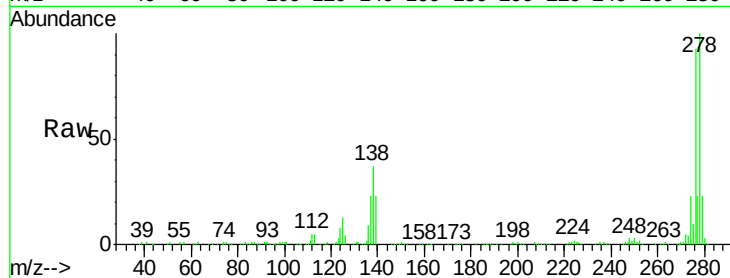




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.69 ng
 RT: 16.10 min Scan# 2433
 Delta R.T. -0.11 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

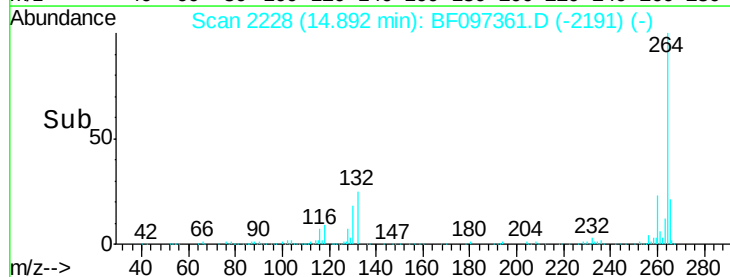
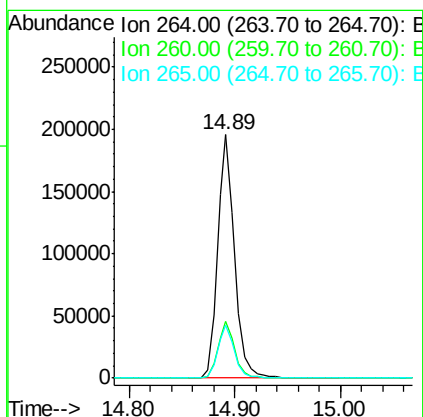
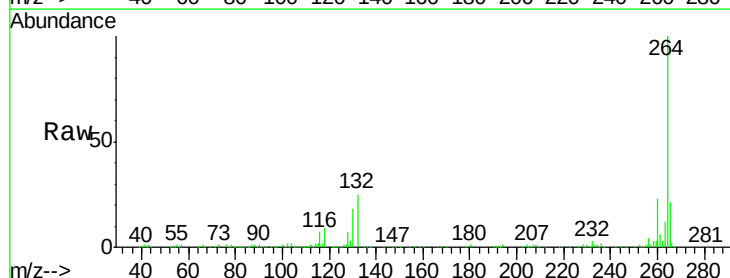
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

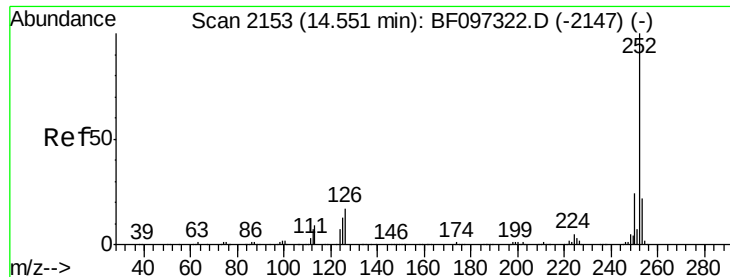
Tot Ion:276 Resp: 477003
 Ion Ratio Lower Upper
 276 100
 138 37.6 27.8 41.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Tgt Ion:264 Resp: 219624
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.5 17.2 25.8

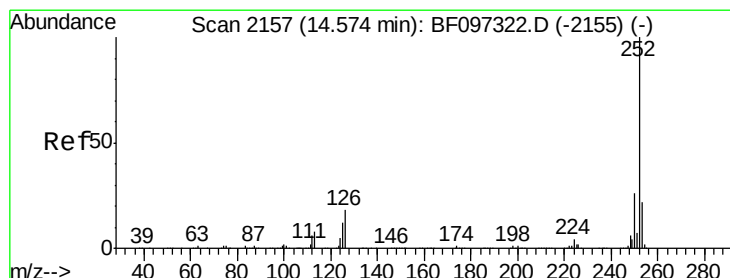
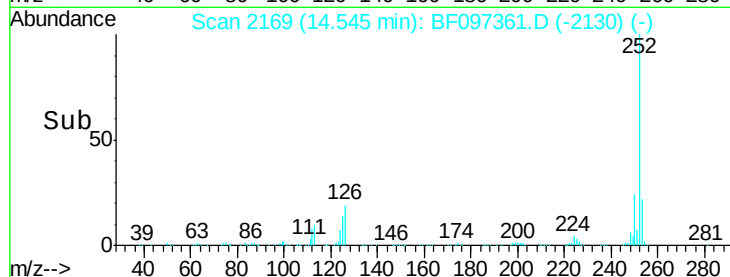
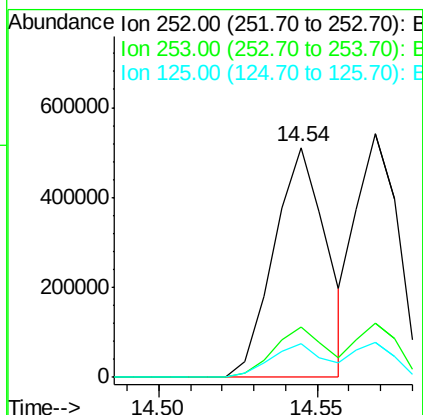
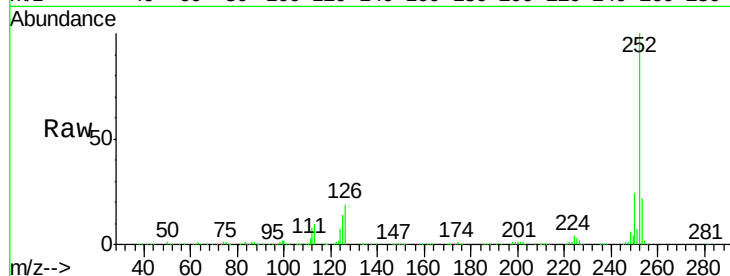




#87
Benzo(b)fluoranthene
Concen: 44.63 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

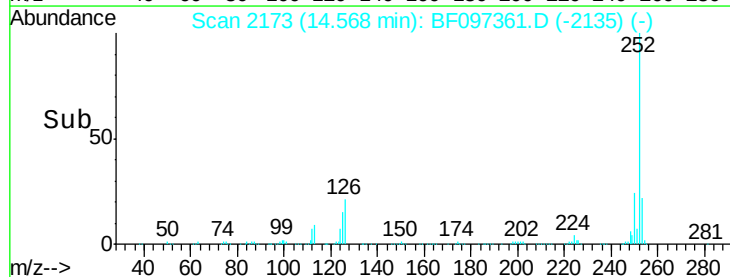
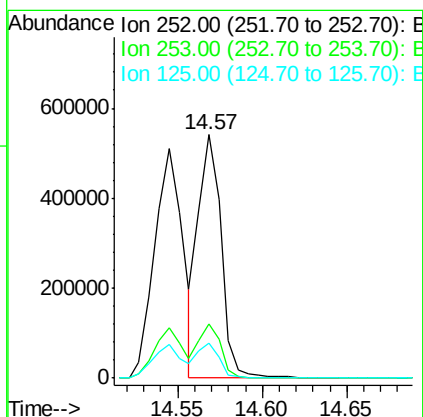
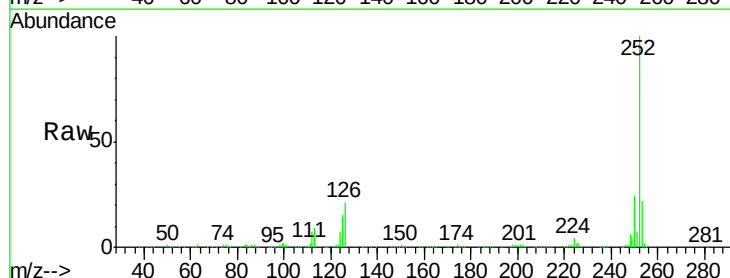
Instrument :
BNA_F
ClientSampleId :
PB101226BS

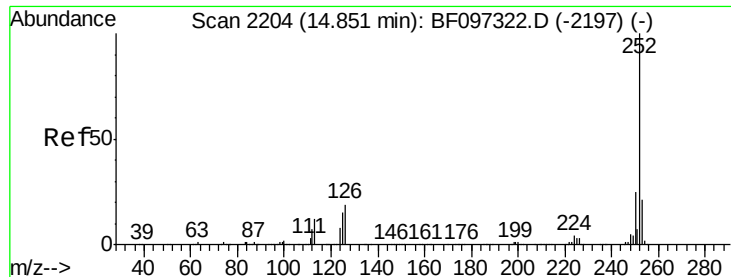
Tot Ion:252 Resp: 589150
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.29 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:252 Resp: 506924
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 14.5 13.1 19.7

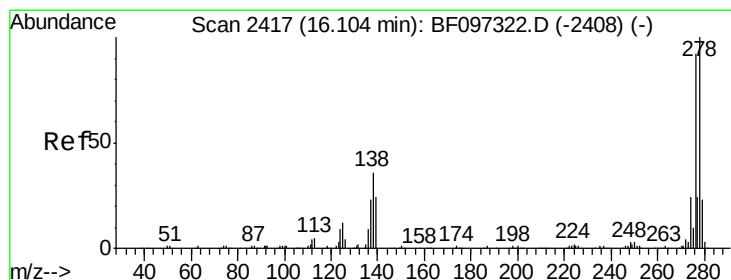
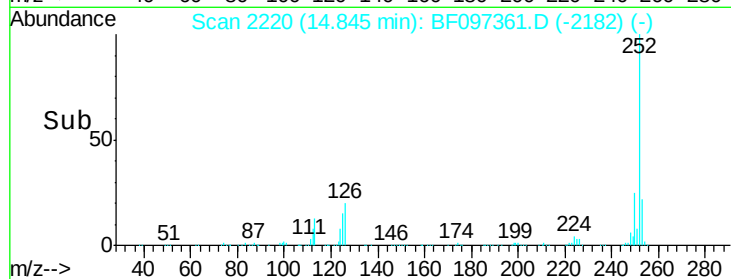
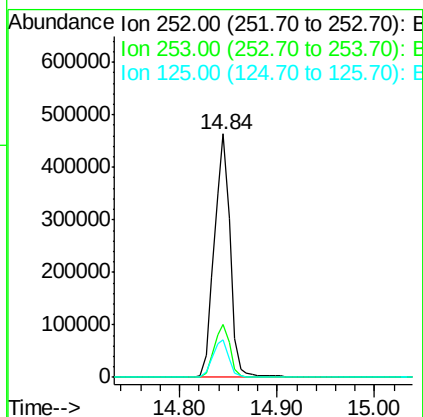
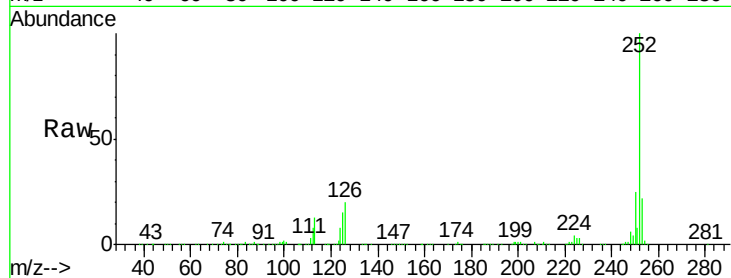




#89
Benzo(a)pyrene
Concen: 43.24 ng
RT: 14.84 min Scan# 2220
Delta R.T. -0.08 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

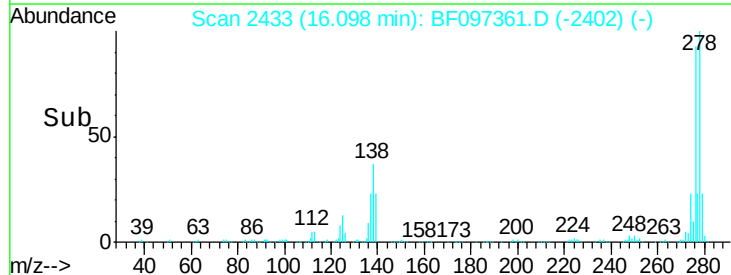
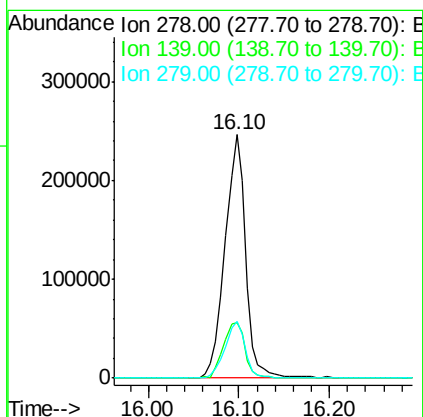
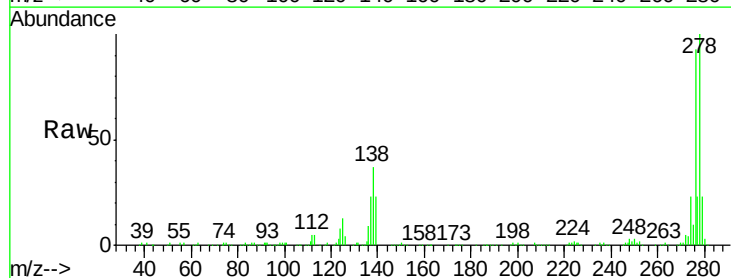
Instrument :
BNA_F
ClientSampleId :
PB101226BS

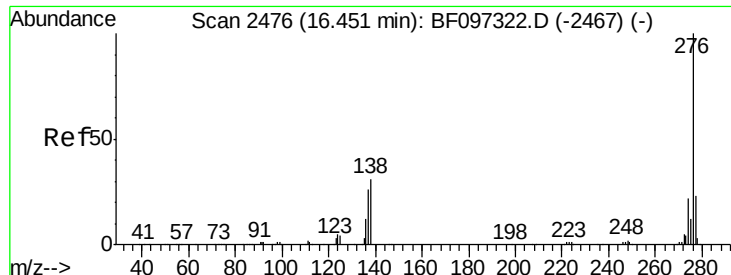
Tot Ion:252 Resp: 522479
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 15.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 39.51 ng
RT: 16.10 min Scan# 2433
Delta R.T. -0.12 min
Lab File: BF097361.D
Acq: 4 Aug 2017 17:46

Tgt Ion:278 Resp: 391487
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 23.1 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.59 ng
 RT: 16.44 min Scan# 2492
 Delta R.T. -0.12 min
 Lab File: BF097361.D
 Acq: 4 Aug 2017 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BS

Tot Ion:	276	Resp:	432166
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	33.2	25.4	38.0

