

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098076.D
 Acq On : 28 Aug 2017 19:55
 Operator : SJ/JU
 Sample : PB101859BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

Quant Time: Aug 29 08:50:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103688	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	413641	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	183549	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	372903	20.00	ng	0.00
75) Chrysene-d12	13.90	240	350515	20.00	ng	0.00
86) Perylene-d12	15.32	264	326859	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	587564	86.19	ng	0.00
7) Phenol-d6	6.38	99	784492	84.70	ng	0.00
23) Nitrobenzene-d5	7.31	82	693564	91.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	147011	92.31	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1028709	82.34	ng	0.00
78) Terphenyl-d14	12.84	244	991627	59.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	132921	34.964	ng	88
3) Pyridine	3.16	79	382213	36.368	ng	# 85
4) n-Nitrosodimethylamine	3.12	42	147125	36.382	ng	# 78
6) Aniline	6.40	93	283119	21.759	ng	97
8) 2-Chlorophenol	6.53	128	292518	40.690	ng	99
9) Benzaldehyde	6.29	77	125180	21.338	ng	87
10) Phenol	6.39	94	422051	38.962	ng	98
11) bis(2-Chloroethyl)ether	6.48	93	310416	37.967	ng	96
12) 1,3-Dichlorobenzene	6.68	146	287918	37.233	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	292508	37.193	ng	# 93
14) 1,2-Dichlorobenzene	6.91	146	271144	37.390	ng	98
15) Benzyl Alcohol	6.89	79	284835	41.076	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	401447	36.494	ng	91
17) 2-Methylphenol	7.00	107	259373	40.941	ng	95
18) Hexachloroethane	7.25	117	116349	37.734	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	224245	35.368	ng	90
20) 3+4-Methylphenols	7.16	107	311512	40.258	ng	94
22) Acetophenone	7.15	105	418503	38.298	ng	# 90
24) Nitrobenzene	7.33	77	362144	42.716	ng	95
25) Isophorone	7.57	82	626698	39.582	ng	97
26) 2-Nitrophenol	7.65	139	145169	47.344	ng	# 85
27) 2,4-Dimethylphenol	7.69	122	261774	39.644	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	393968	37.849	ng	99
29) 2,4-Dichlorophenol	7.89	162	226170	41.263	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	228474	37.601	ng	100
31) Naphthalene	8.05	128	815858	37.993	ng	99
32) Benzoic acid	7.81	122	145390	32.592	ng	87
33) 4-Chloroaniline	8.10	127	144955	16.006	ng	97
34) Hexachlorobutadiene	8.16	225	131048	36.938	ng	99
35) Caprolactam	8.47	113	84524m	45.360	ng	
36) 4-Chloro-3-methylphenol	8.59	107	278805	39.590	ng	# 79
37) 2-Methylnaphthalene	8.74	142	532499	40.446	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	209828	37.249	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	228886	84.579	ng	99

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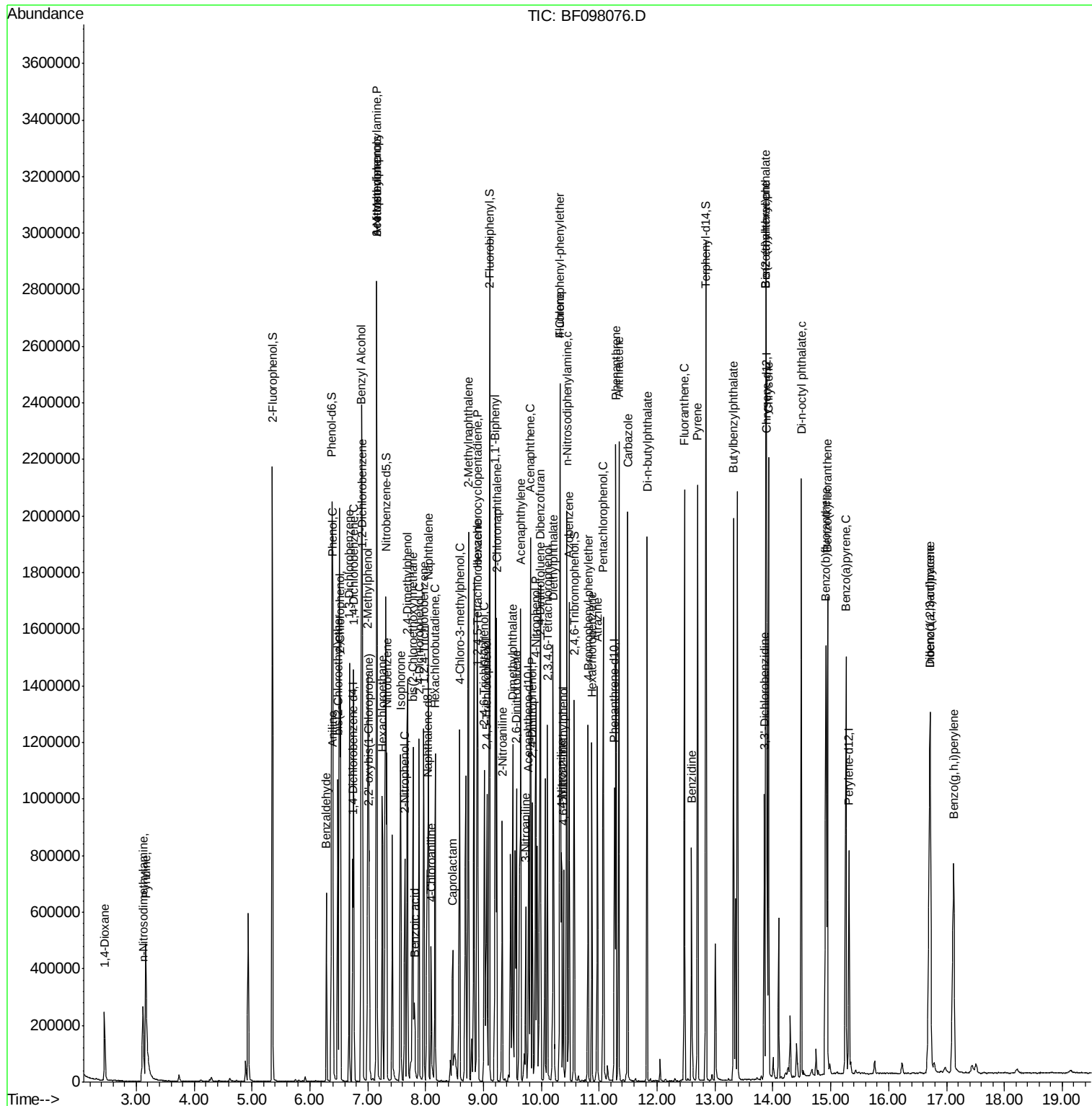
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42) 2,4,6-Trichlorophenol	9.02	196	151234	39.989	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	161031	42.920	nq	97
45) 1,1'-Biphenyl	9.20	154	619291	36.999	nq	96
46) 2-Chloronaphthalene	9.23	162	459049	37.118	nq	# 93
47) 2-Nitroaniline	9.32	65	187057	45.117	nq	93
48) Acenaphthylene	9.64	152	771152	39.707	nq	100
49) Dimethylphthalate	9.50	163	536906	40.017	nq	100
50) 2,6-Dinitrotoluene	9.57	165	117404	43.838	nq	# 66
51) Acenaphthene	9.81	154	446882	36.484	nq	100
52) 3-Nitroaniline	9.73	138	83235	24.089	nq	90
53) 2,4-Dinitrophenol	9.85	184	109297	85.059	nq	# 77
54) Dibenzofuran	9.99	168	670523	40.846	nq	99
55) 4-Nitrophenol	9.90	139	226208	82.068	nq	# 39
56) 2,4-Dinitrotoluene	9.97	165	158182	47.064	nq	# 59
57) Fluorene	10.33	166	508683	40.079	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	132313	45.549	nq	94
59) Diethylphthalate	10.20	149	551498	39.307	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	231129	39.199	nq	# 84
61) 4-Nitroaniline	10.35	138	143722	43.764	nq	# 75
62) Azobenzene	10.48	77	676514	40.592	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	75767	43.964	nq	# 83
65) n-Nitrosodiphenylamine	10.44	169	467560	36.820	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	142965	36.919	nq	92
67) Hexachlorobenzene	10.87	284	140918	35.703	nq	# 89
68) Atrazine	10.97	200	143104	42.494	nq	97
69) Pentachlorophenol	11.07	266	159784	69.432	nq	100
70) Phenanthrene	11.29	178	769357	38.718	nq	100
71) Anthracene	11.34	178	796358	39.513	nq	99
72) Carbazole	11.49	167	787517	41.165	nq	99
73) Di-n-butylphthalate	11.83	149	895427	40.635	nq	99
74) Fluoranthene	12.47	202	874139	42.146	nq	98
76) Benzidine	12.59	184	304281m	26.476	nq	
77) Pyrene	12.70	202	921496	32.144	nq	99
79) Butylbenzylphthalate	13.32	149	421616	38.359	nq	# 72
80) Benzo(a)anthracene	13.89	228	764588	36.395	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	181735	25.637	nq	# 96
82) Chrysene	13.93	228	768544	36.776	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	498162	40.901	nq	99
84) Di-n-octyl phthalate	14.49	149	978272	46.162	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	753389	49.006	nq	94
87) Benzo(b)fluoranthene	14.92	252	793231	38.501	nq	99
88) Benzo(k)fluoranthene	14.94	252	707638	36.558	nq	# 93
89) Benzo(a)pyrene	15.26	252	739086	40.522	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	612108	41.223	nq	98
91) Benzo(g,h,i)perylene	17.13	276	642114	41.444	nq	93

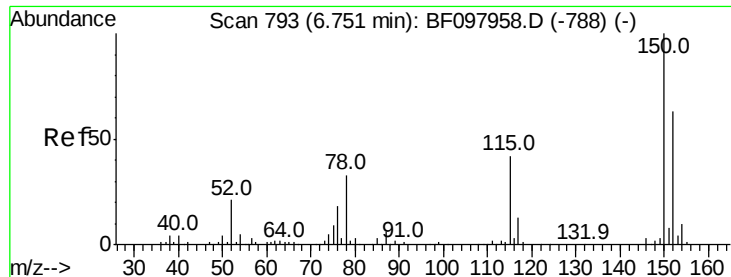
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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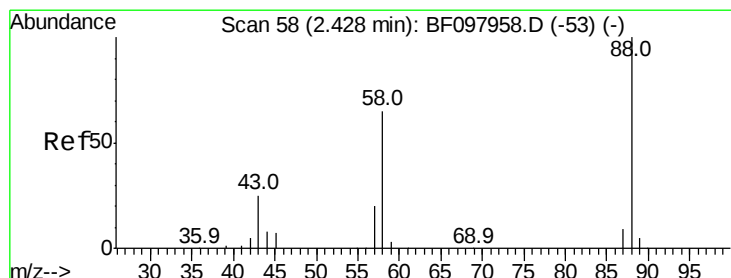
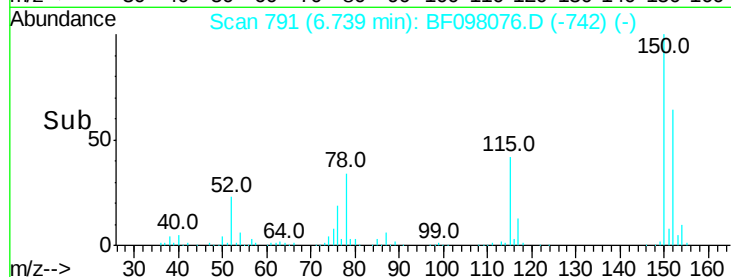
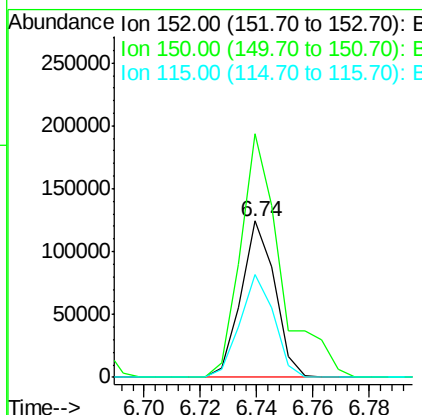
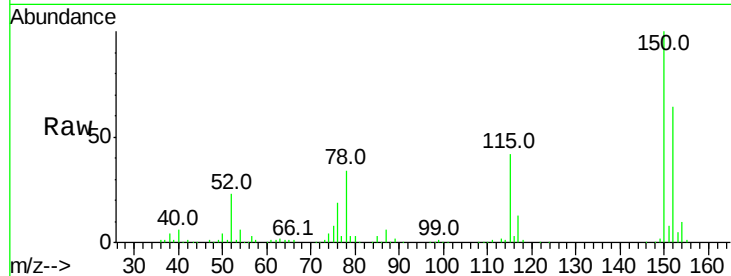


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Instrument :
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ClientSampleId :
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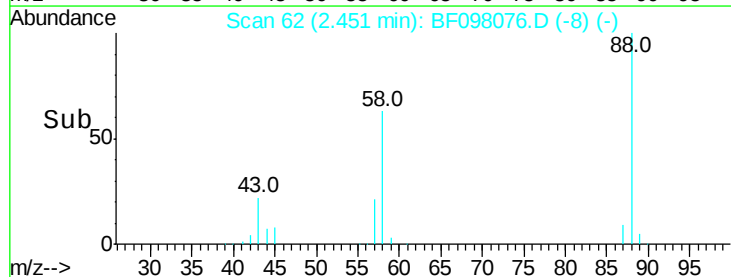
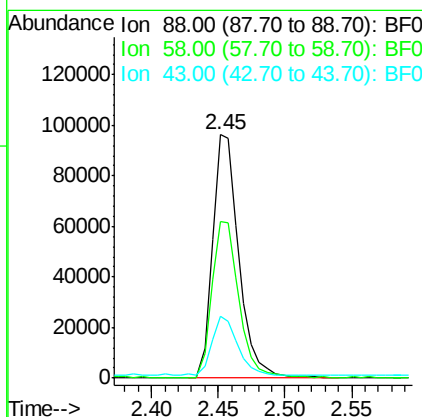
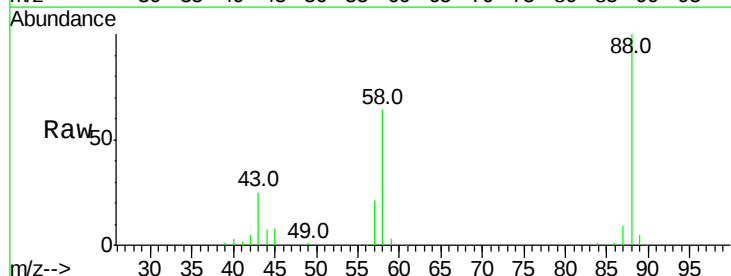
Tot Ion:152 Resp: 103688
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 65.7 52.2 78.2

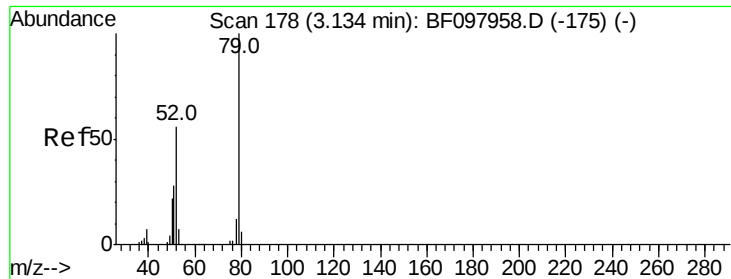


#2

1,4-Dioxane
Concen: 34.964 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.02 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion: 88 Resp: 132921
Ion Ratio Lower Upper
88 100
58 65.4 61.4 92.0
43 24.2 23.4 35.0





#3

Pvridine

Concen: 36.368 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.03 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

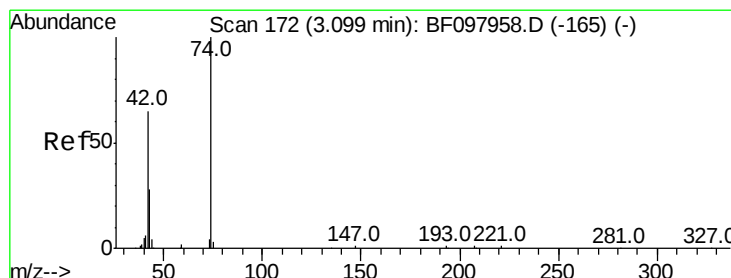
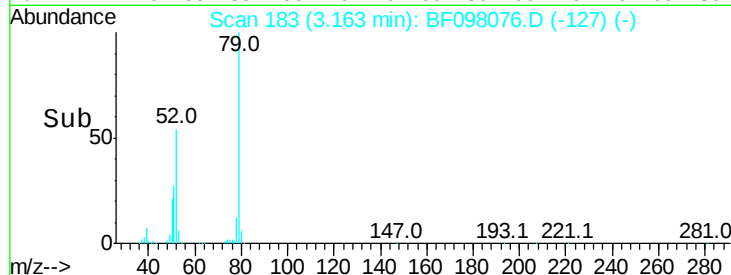
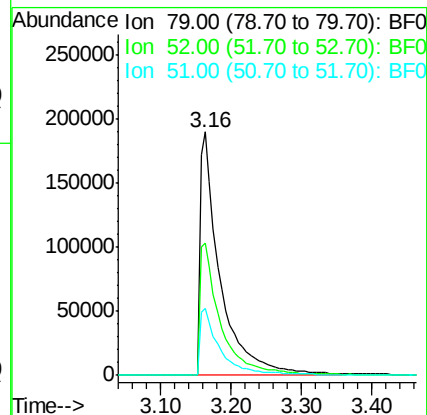
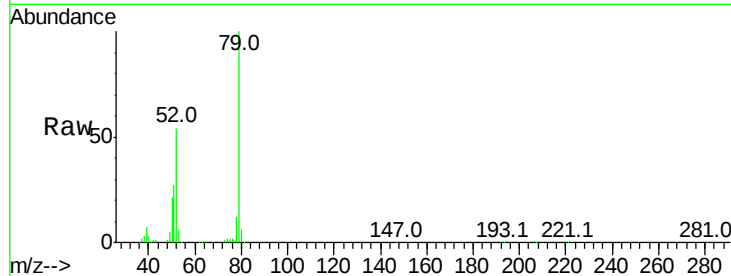
Tot Ion: 79 Resp: 382213

Ion Ratio Lower Upper

79 100

52 54.3 54.8 82.2#

51 27.5 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 36.382 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

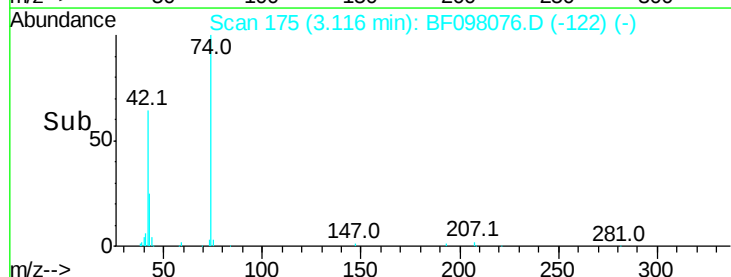
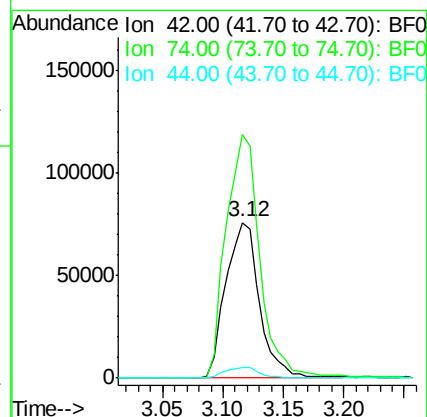
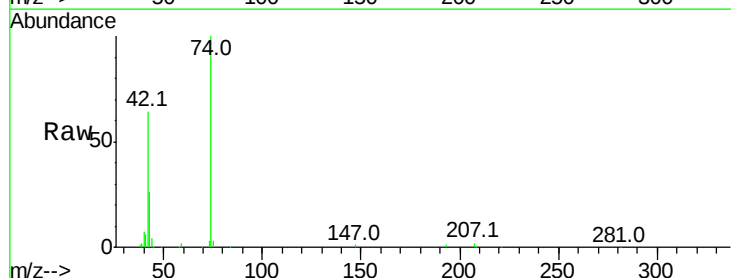
Tgt Ion: 42 Resp: 147125

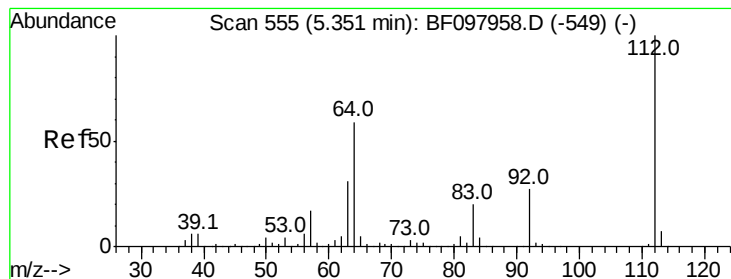
Ion Ratio Lower Upper

42 100

74 156.3 103.9 155.9#

44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 86.194 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

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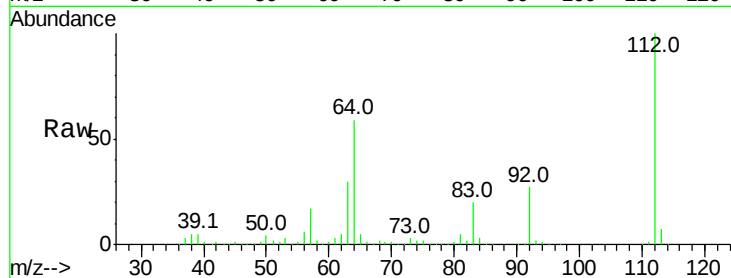
Tot Ion:112 Resp: 587564

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

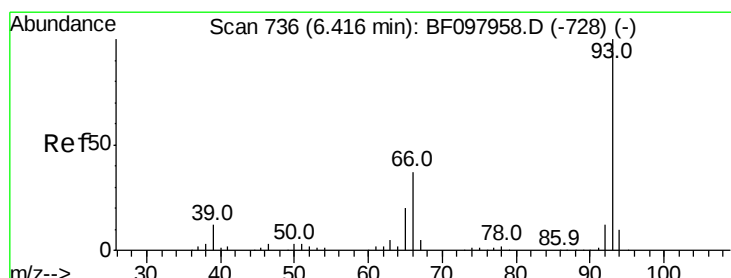
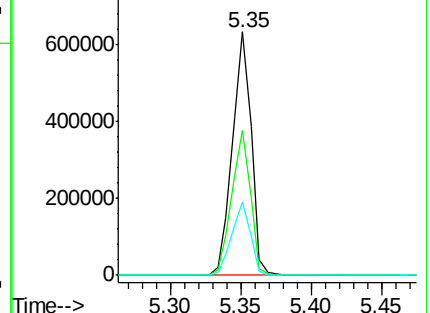
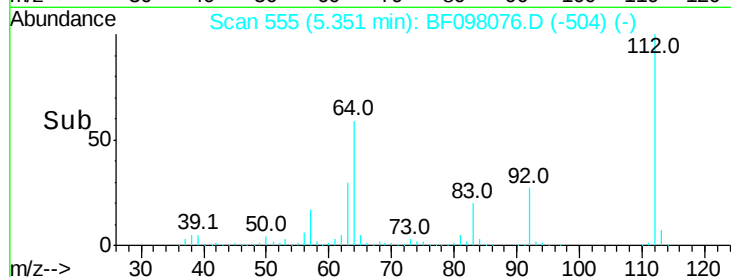
63 30.0 23.4 35.0



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: 21.759 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

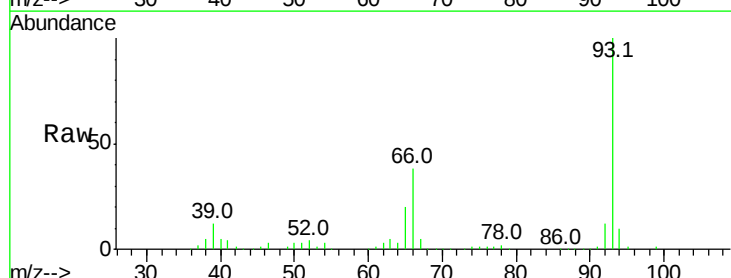
Tgt Ion: 93 Resp: 283119

Ion Ratio Lower Upper

93 100

66 38.3 32.9 49.3

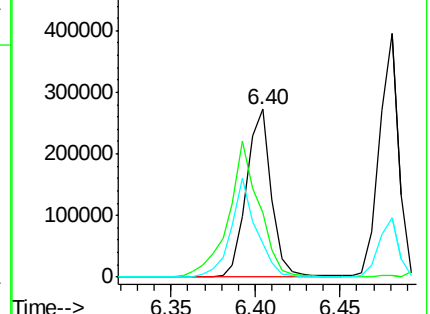
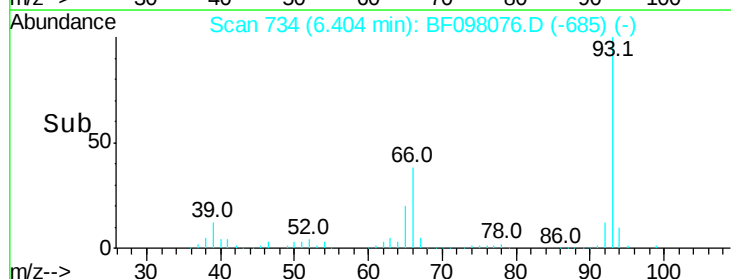
65 20.5 16.0 24.0

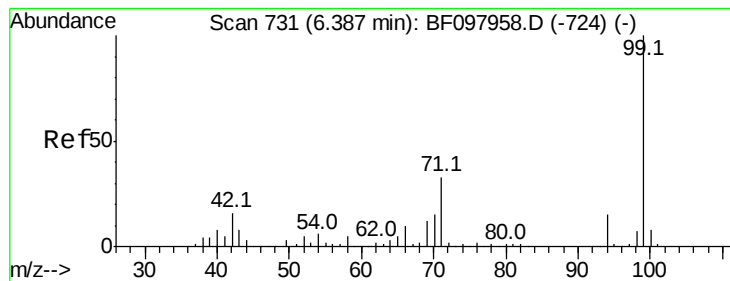


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.700 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098076.D

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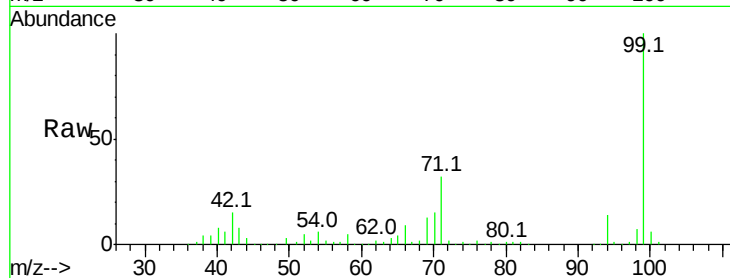
Tot Ion: 99 Resp: 784492

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

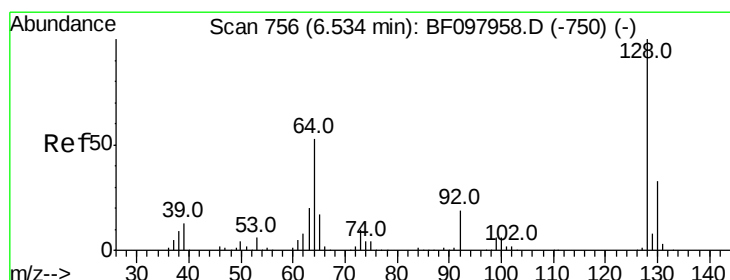
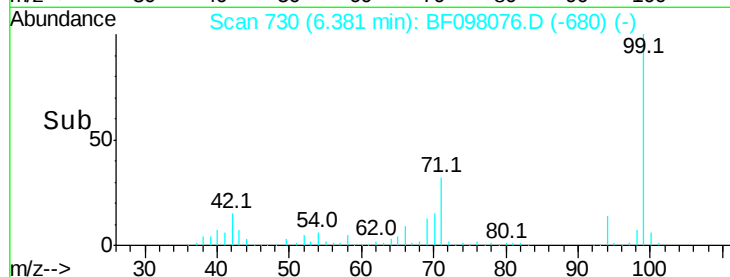
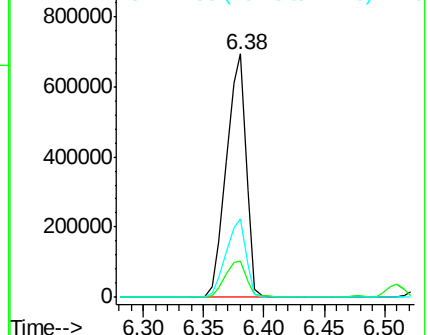
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.690 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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Acq: 28 Aug 2017 19:55

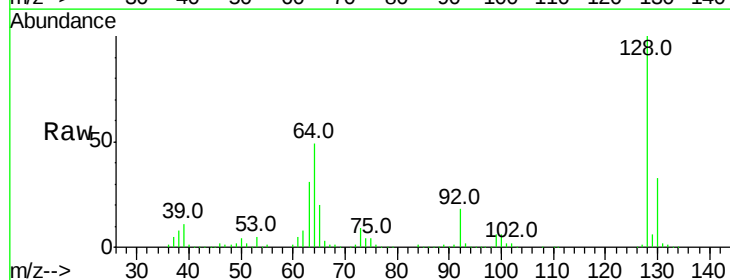
Tgt Ion:128 Resp: 292518

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

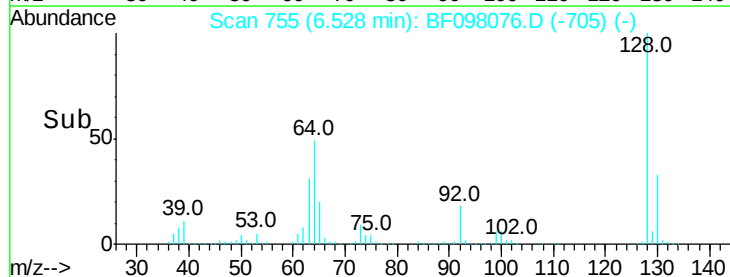
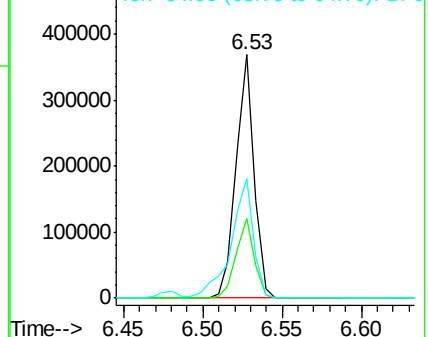
64 48.8 28.4 68.4

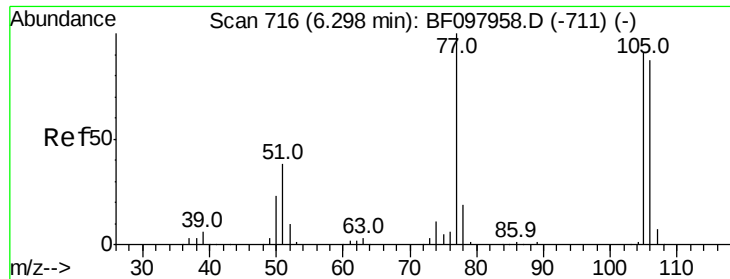


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

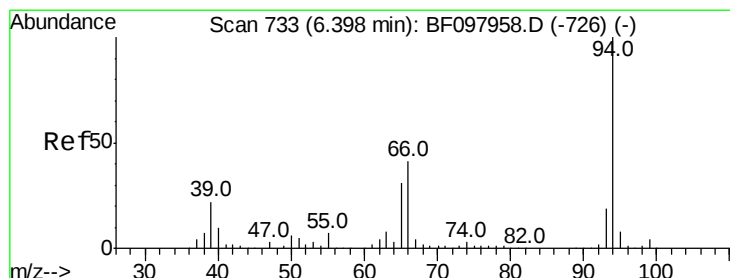
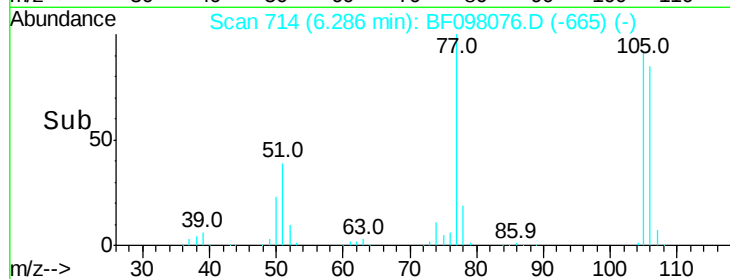
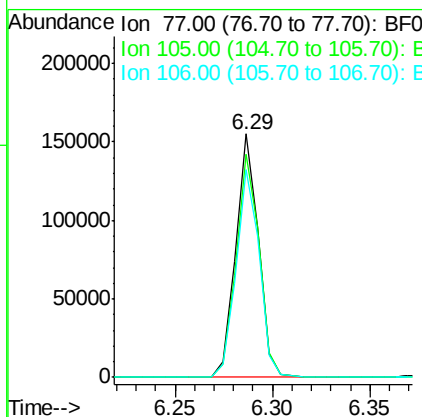
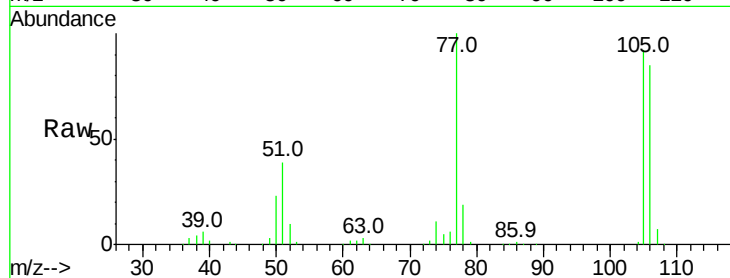




#9
Benzaldehyde
Concen: 21.338 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098076.D
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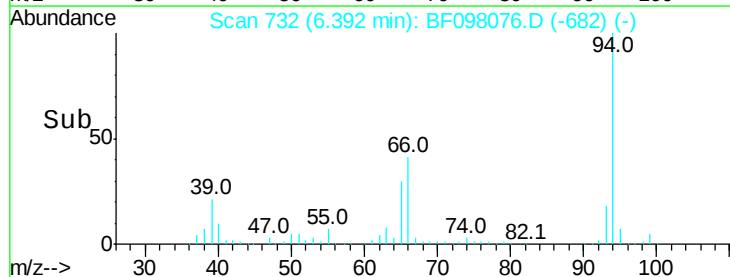
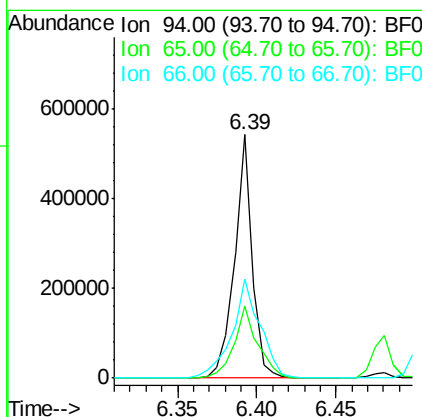
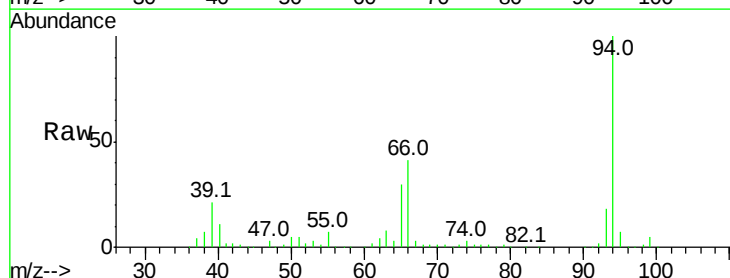
Instrument :
BNA_F
ClientSampleId :
PB101859BS

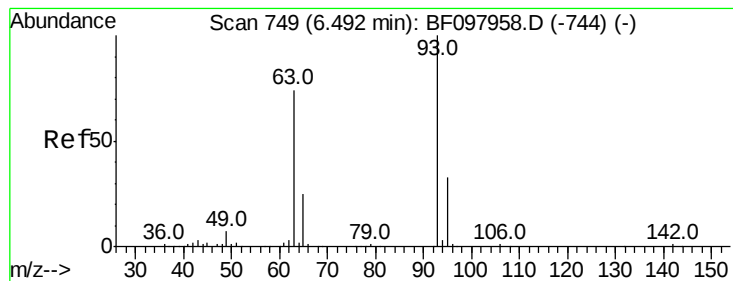
Tot Ion	Ratio	Lower	Upper
77	100		
105	91.5	83.8	123.8
106	85.4	79.1	119.1



#10
Phenol
Concen: 38.962 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	40.9	23.1	63.1

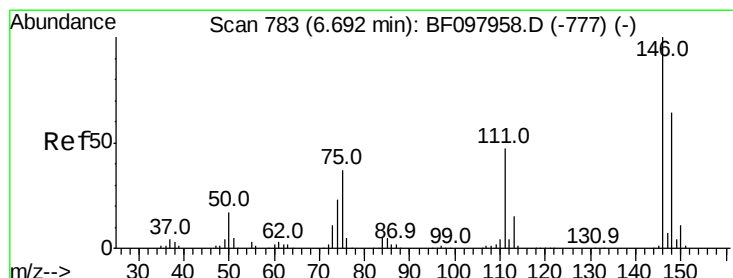
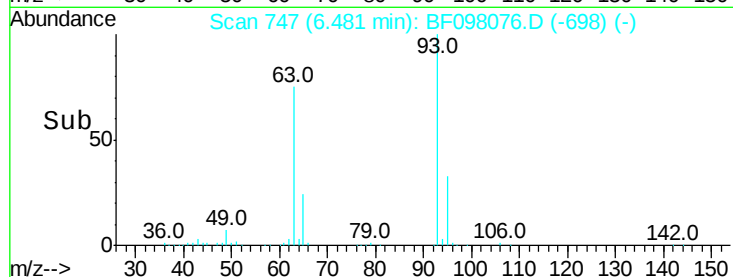
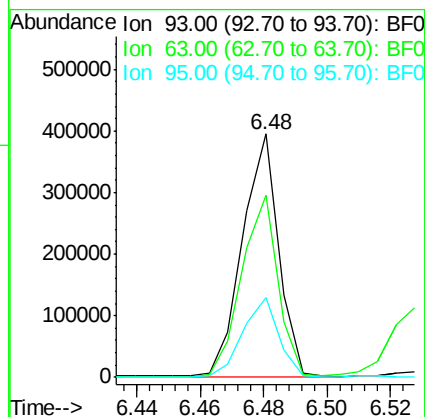
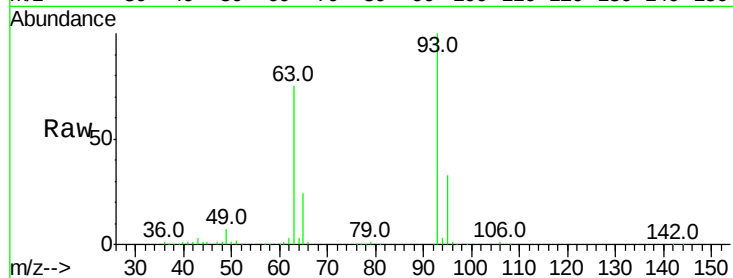




#11
bis(2-Chloroethyl)ether
Concen: 37.967 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

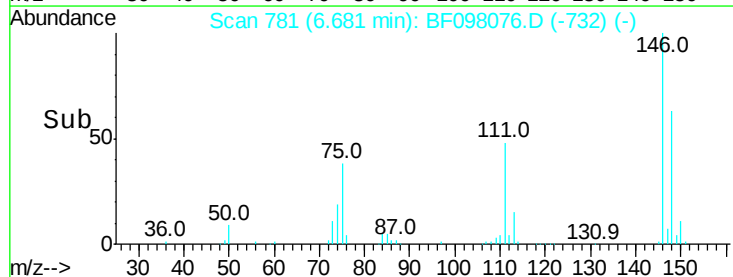
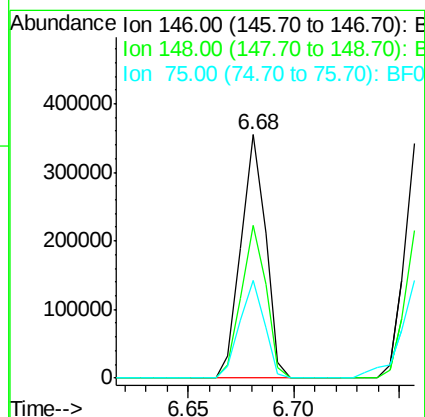
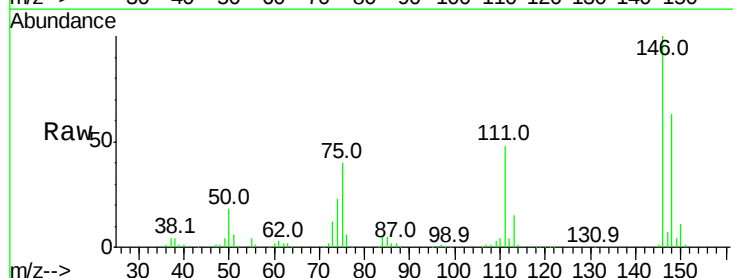
Instrument :
BNA_F
ClientSampleId :
PB101859BS

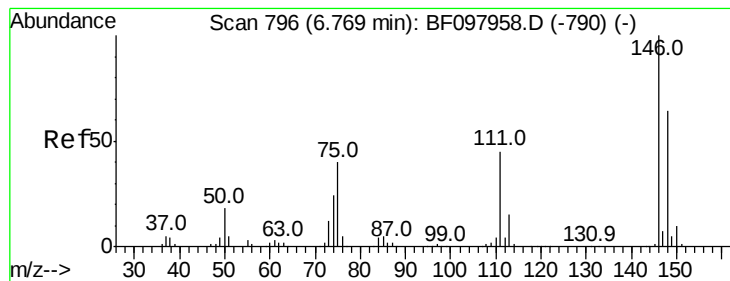
Tot Ion: 93 Resp: 310416
Ion Ratio Lower Upper
93 100
63 74.7 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.233 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion: 146 Resp: 287918
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.6
75 39.9 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 37.193 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

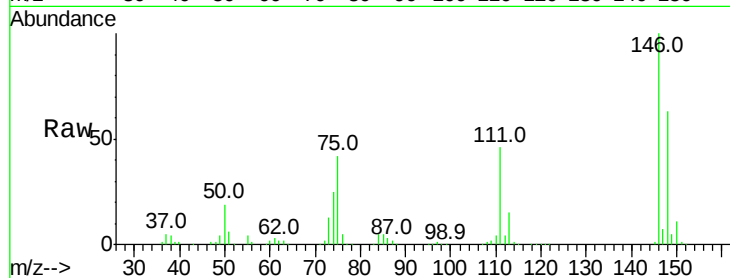
Tot Ion:146 Resp: 292508

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

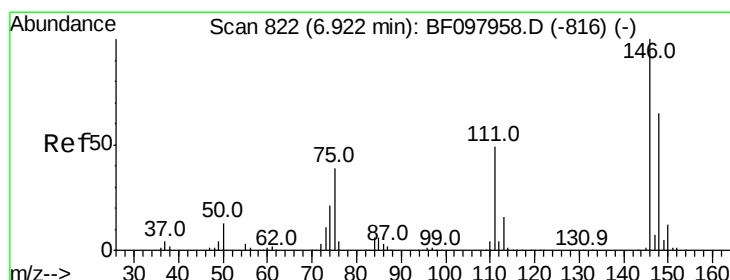
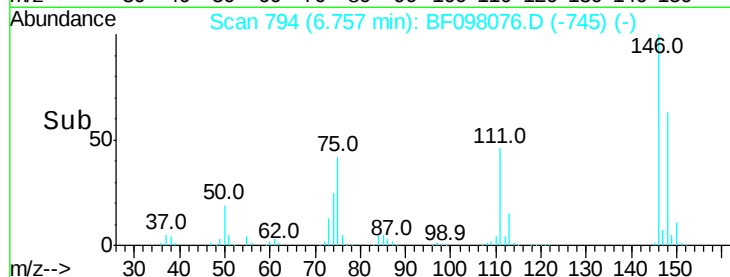
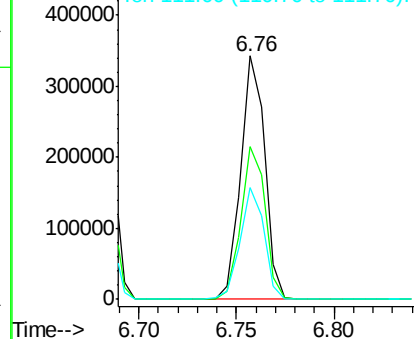
111 45.9 30.3 45.5#



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: 37.390 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

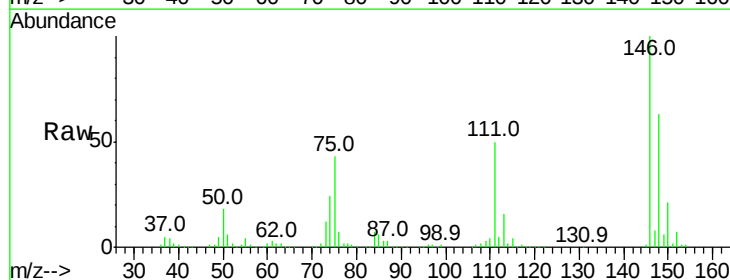
Tgt Ion:146 Resp: 271144

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

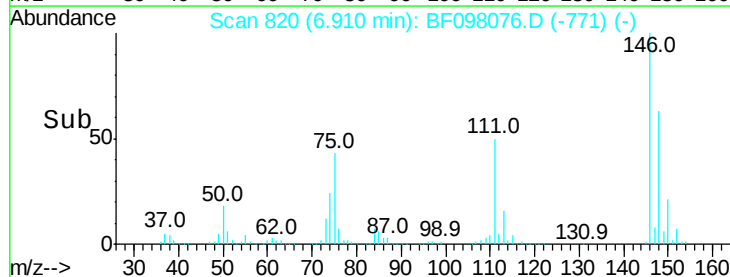
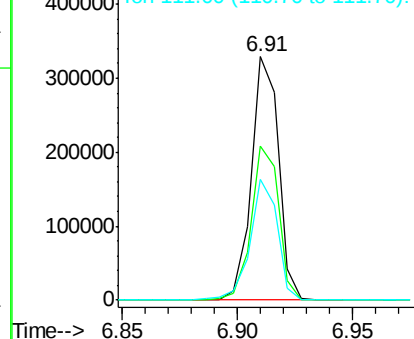
111 49.8 38.2 57.4

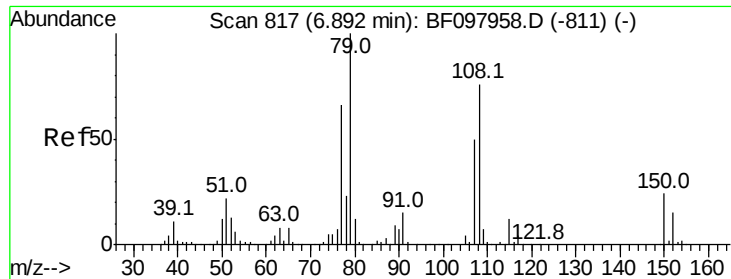


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

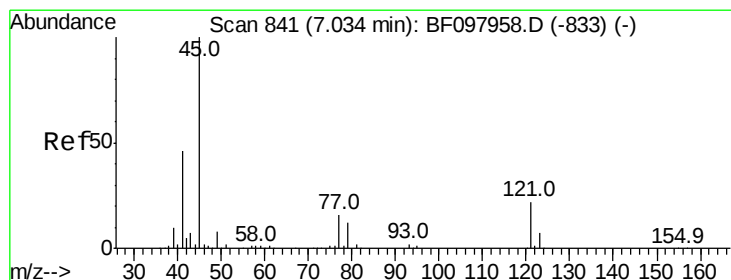
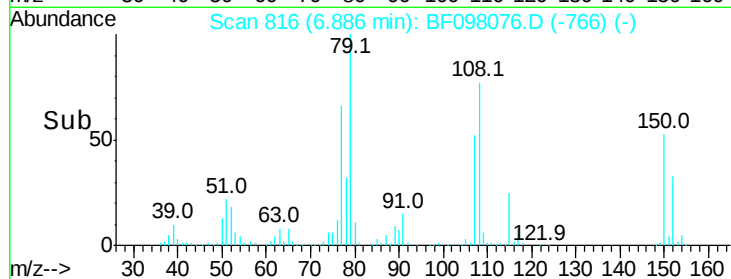
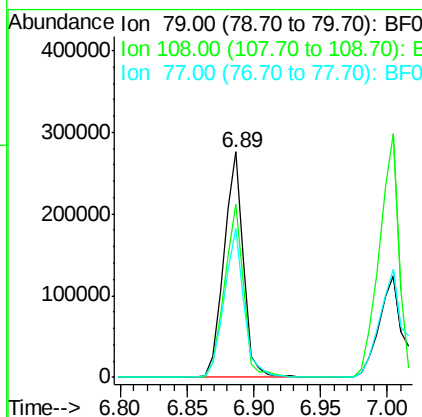
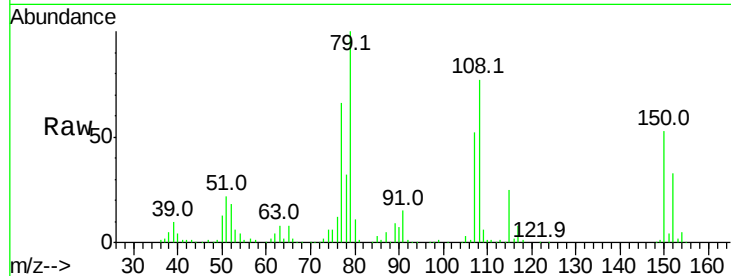




#15
Benzyl Alcohol
Concen: 41.076 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

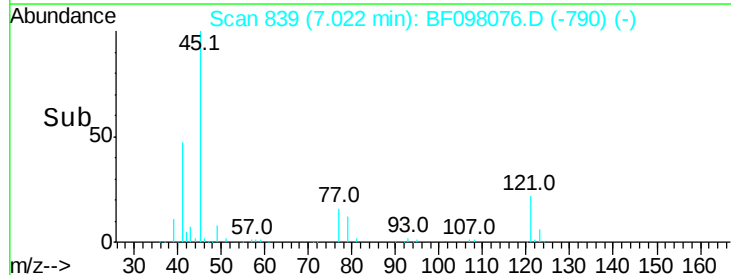
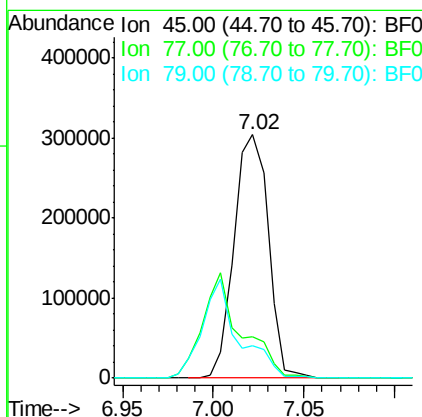
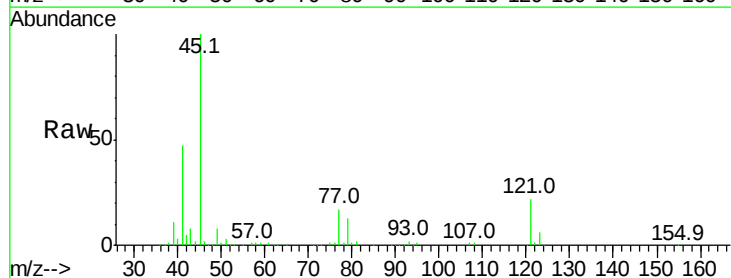
Instrument :
BNA_F
ClientSampleId :
PB101859BS

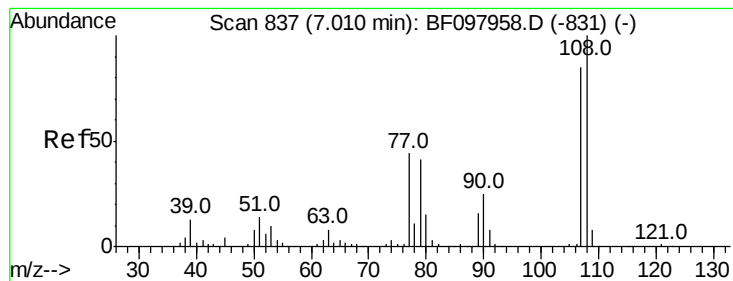
Tot Ion: 79 Resp: 284835
Ion Ratio Lower Upper
79 100
108 76.8 63.4 95.0
77 65.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.494 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion: 45 Resp: 401447
Ion Ratio Lower Upper
45 100
77 17.0 0.0 33.2
79 13.1 0.0 30.0





#17

2-Methylphenol

Concen: 40.941 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

Tot Ion:107 Resp: 259373

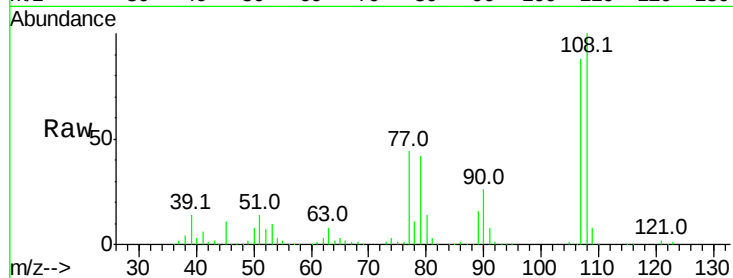
Ion Ratio Lower Upper

107 100

108 113.5 93.4 140.0

77 50.2 35.8 53.6

79 47.1 34.8 52.2

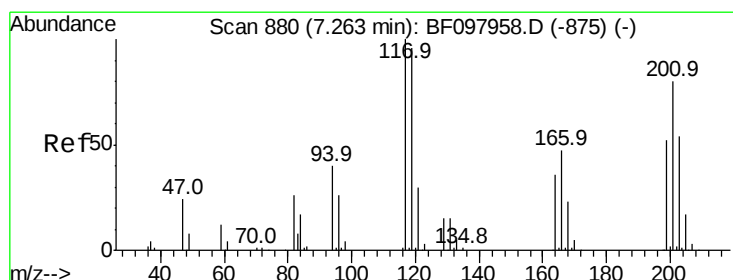
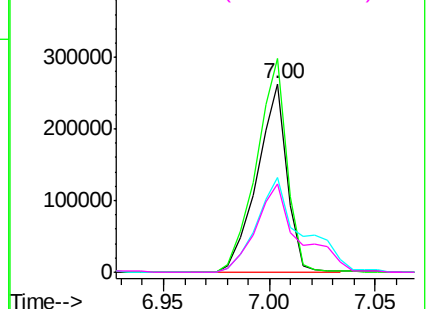
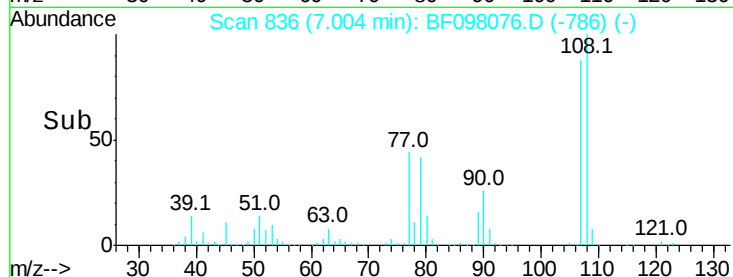


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.734 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

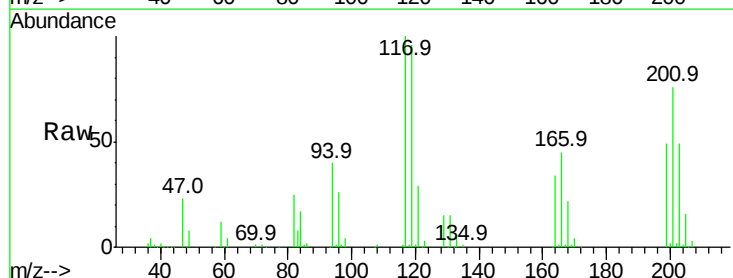
Tgt Ion:117 Resp: 116349

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

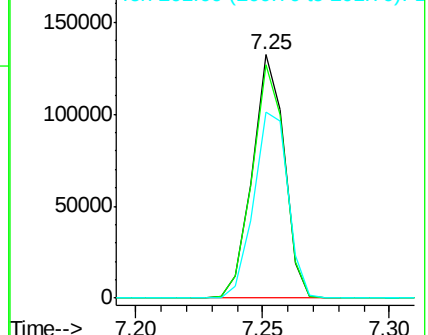
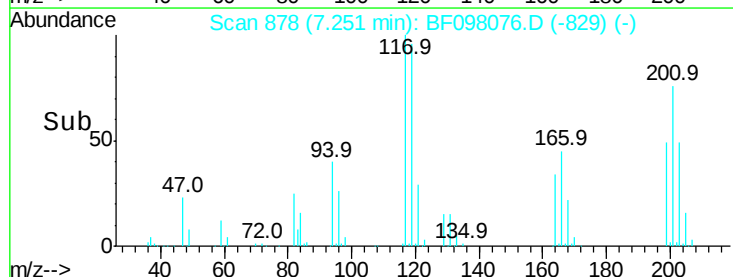
201 76.4 94.6 141.8#

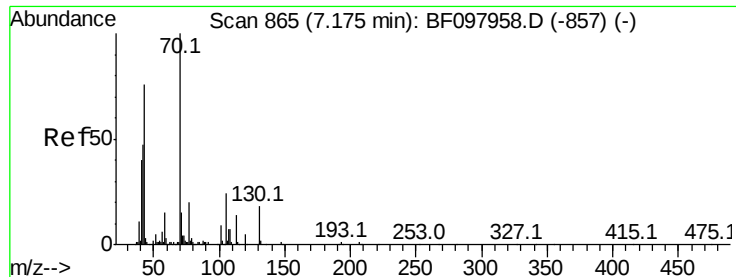


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

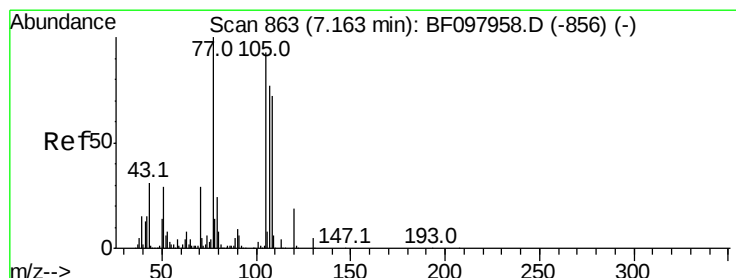
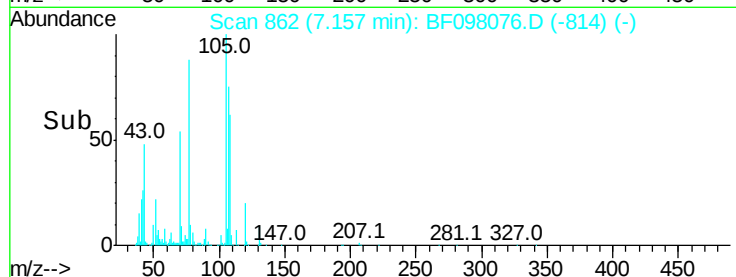
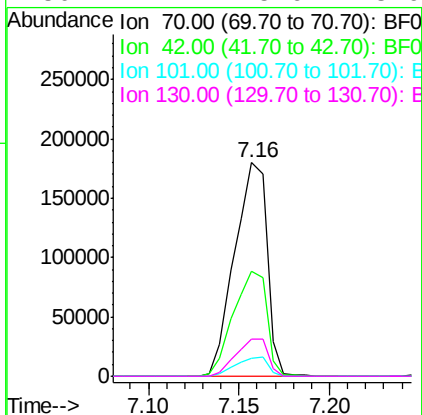
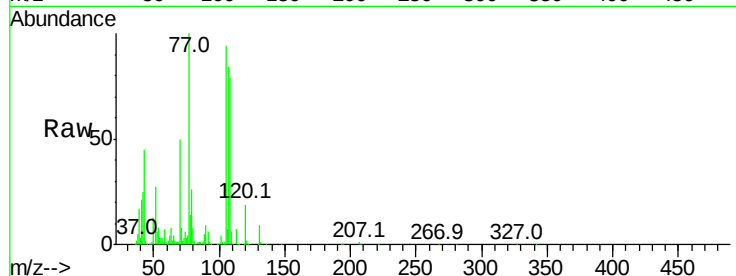




#19
n-Nitroso-di-n-propylamine
Concen: 35.368 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

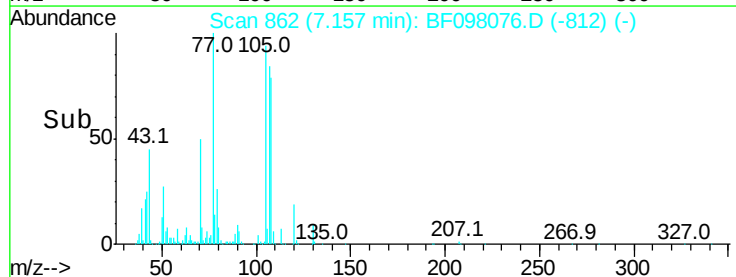
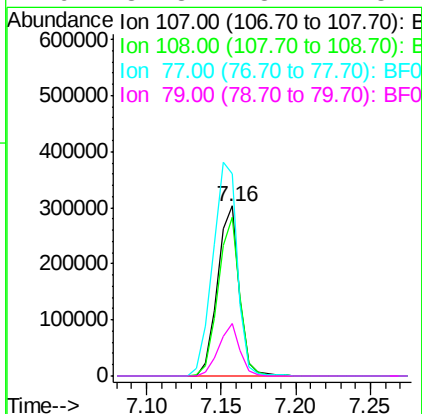
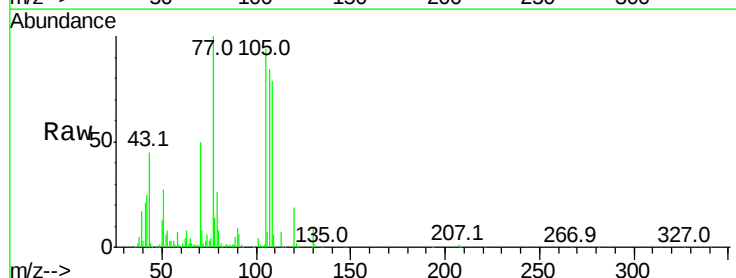
Instrument :
BNA_F
ClientSampleId :
PB101859BS

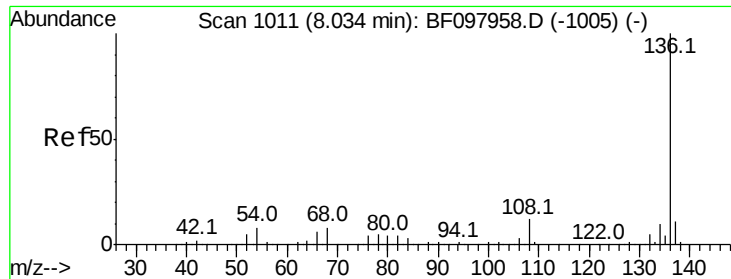
Tot Ion:	70	Resp:	224245
Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.2	70.8
101	8.4	7.2	10.8
130	17.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.258 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion:	107	Resp:	311512
Ion	Ratio	Lower	Upper
107	100		
108	93.8	71.0	111.0
77	119.2	90.5	130.5
79	31.3	8.4	48.4

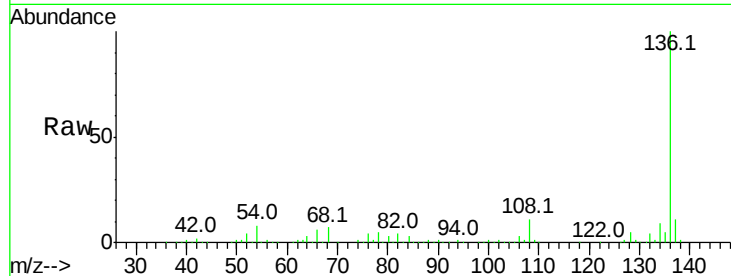




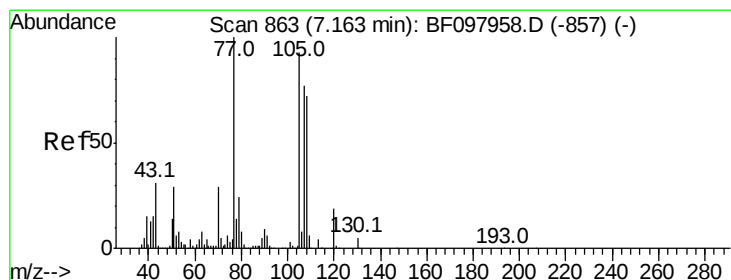
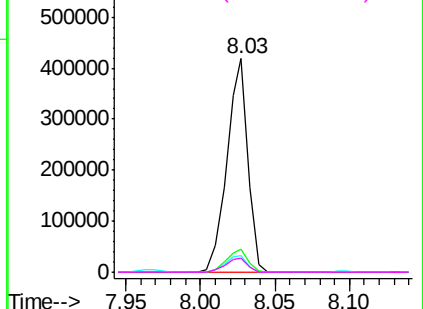
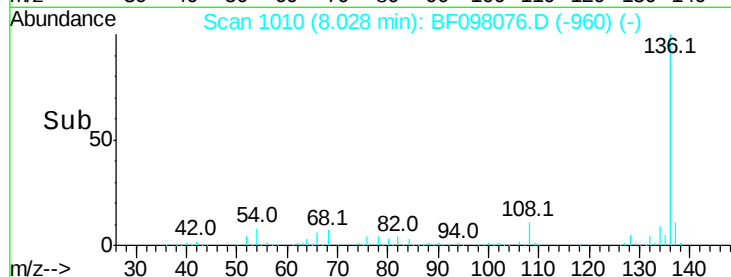
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
PB101859BS

Tot Ion:136	Resp:	413641
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.6	4.9 7.3#
68	6.9	4.1 6.1#

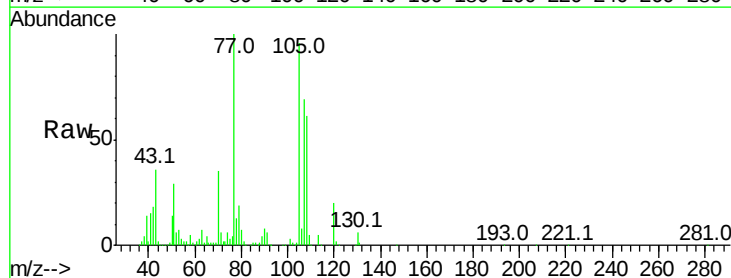


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

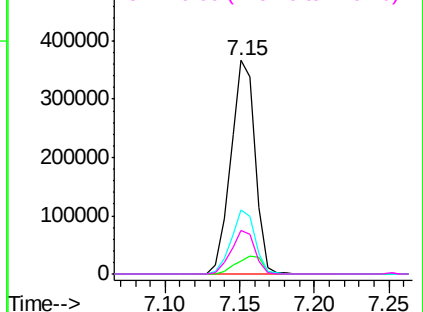
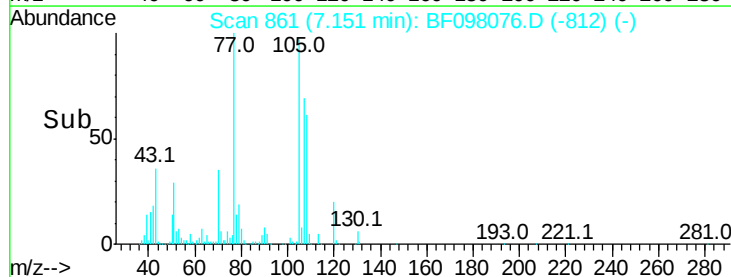


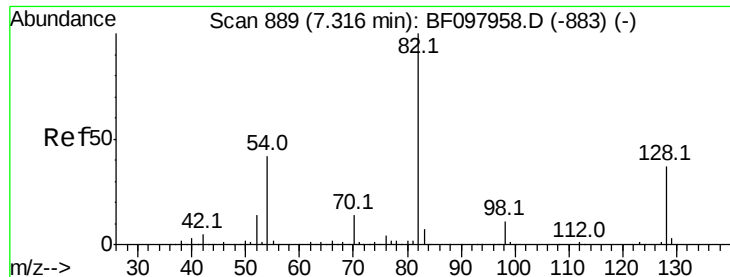
#22
Acetophenone
Concen: 38.298 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion:105	Resp:	418503
Ion Ratio	Lower	Upper
105	100	
71	6.0	2.8 4.2#
51	29.9	30.7 46.1#
120	20.6	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

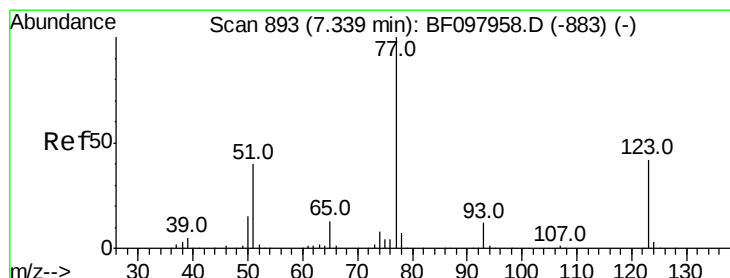
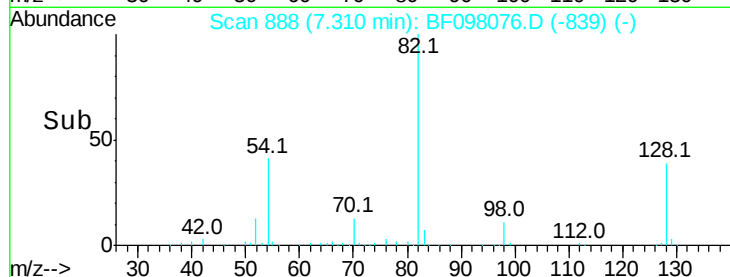
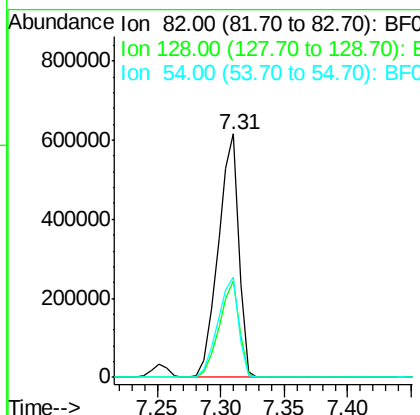
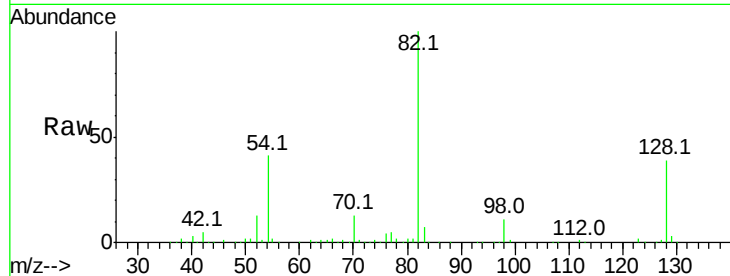




#23
Nitrobenzene-d5
Concen: 91.088 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

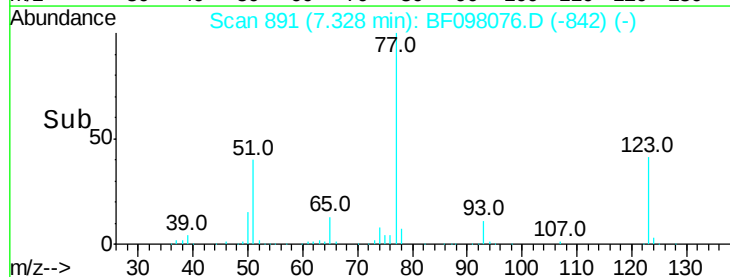
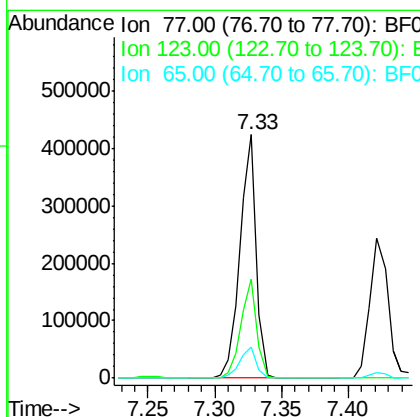
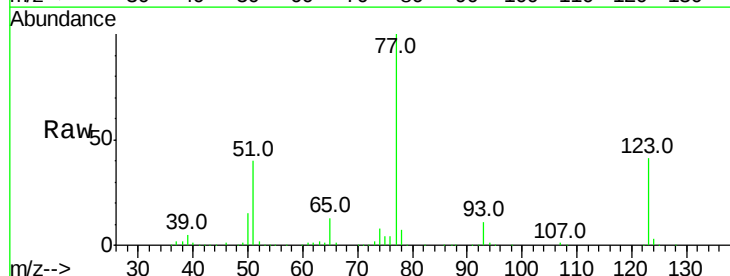
Instrument :
BNA_F
ClientSampleId :
PB101859BS

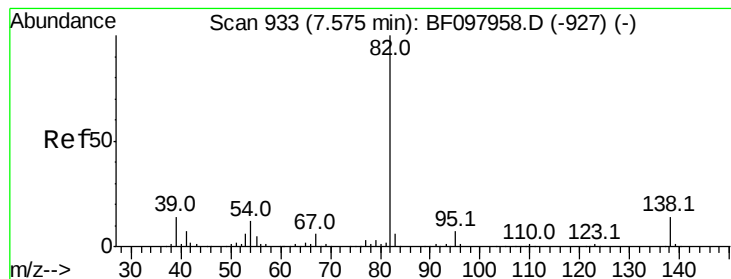
Tot Ion: 82 Resp: 693564
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 41.1 42.2 63.2#



#24
Nitrobenzene
Concen: 42.716 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion: 77 Resp: 362144
Ion Ratio Lower Upper
77 100
123 40.8 35.8 53.8
65 12.8 10.6 15.8





#25

Isophorone

Concen: 39.582 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

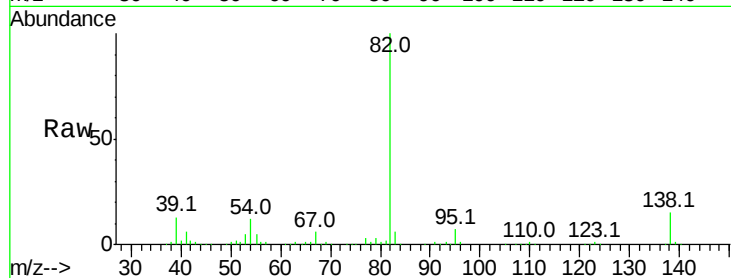
Tot Ion: 82 Resp: 626698

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

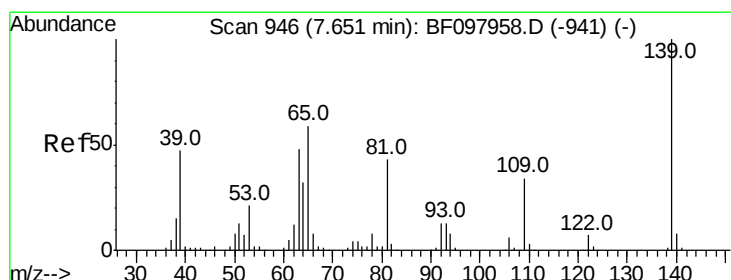
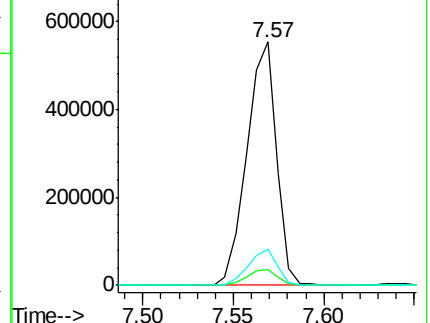
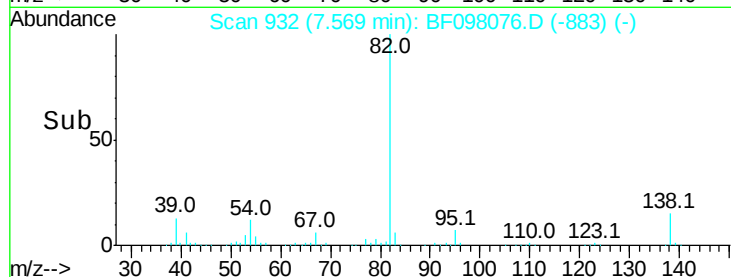
138 14.7 13.1 19.7



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: 47.344 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

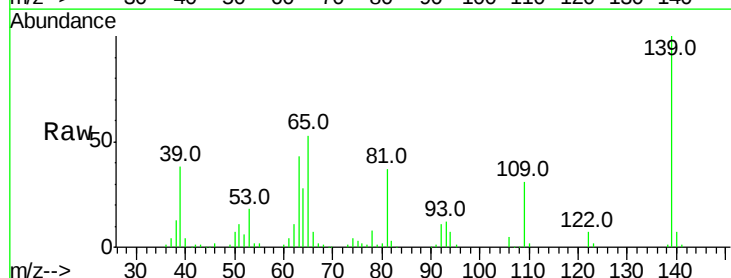
Tgt Ion: 139 Resp: 145169

Ion Ratio Lower Upper

139 100

109 30.6 21.0 31.6

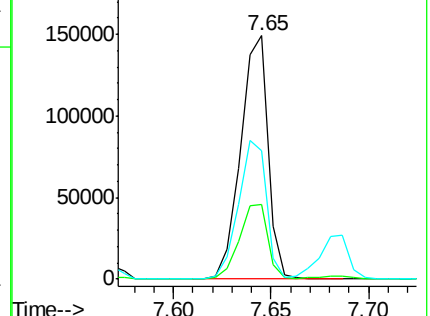
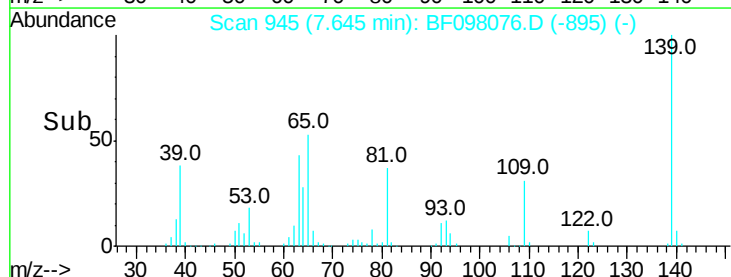
65 53.0 33.0 49.6#

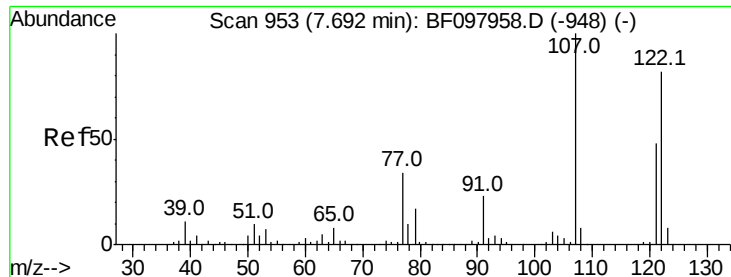


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

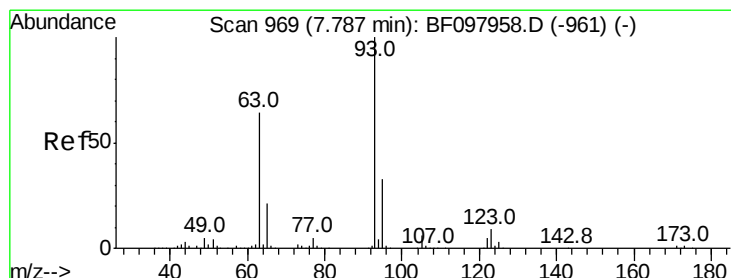
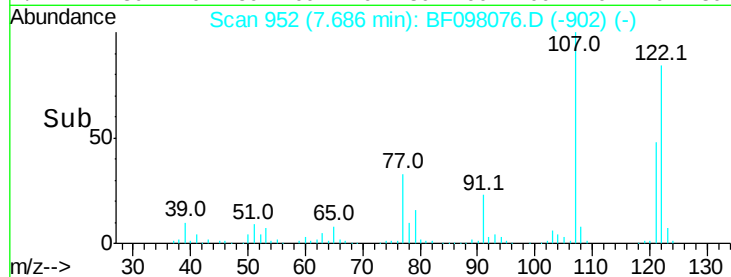
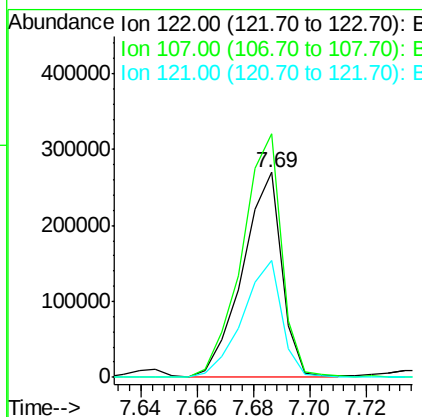
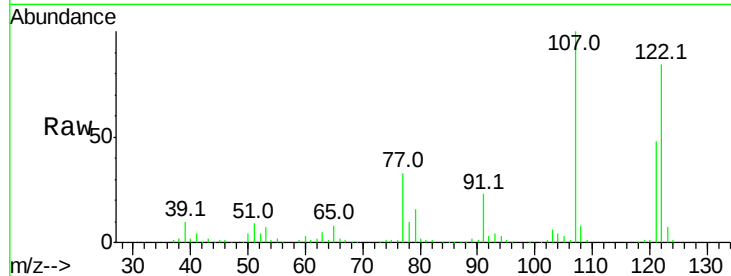




#27
 2,4-Dimethylphenol
 Concen: 39.644 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

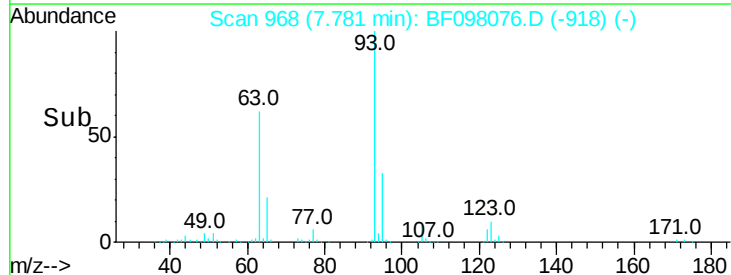
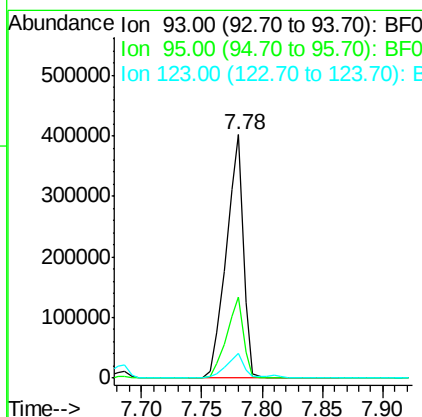
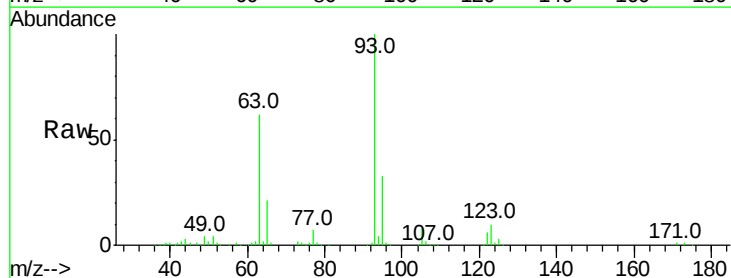
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

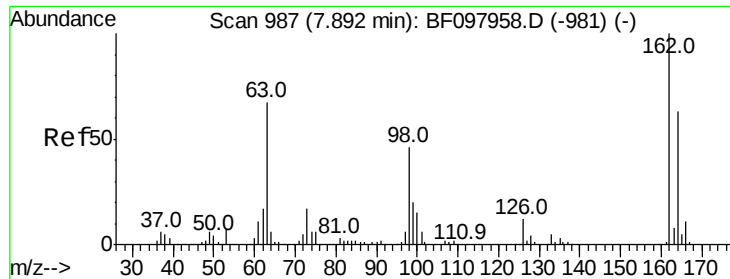
Tot Ion:122 Resp: 261774
 Ion Ratio Lower Upper
 122 100
 107 118.7 89.2 133.8
 121 56.7 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.849 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion: 93 Resp: 393968
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 10.1 9.0 13.4

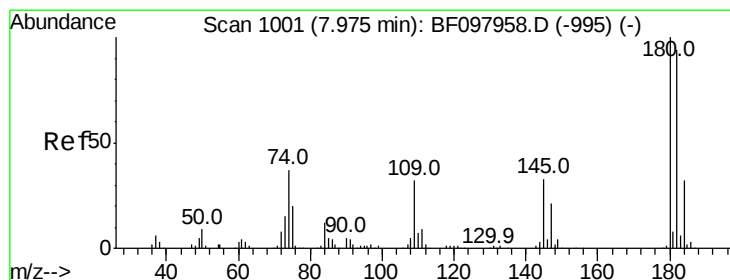
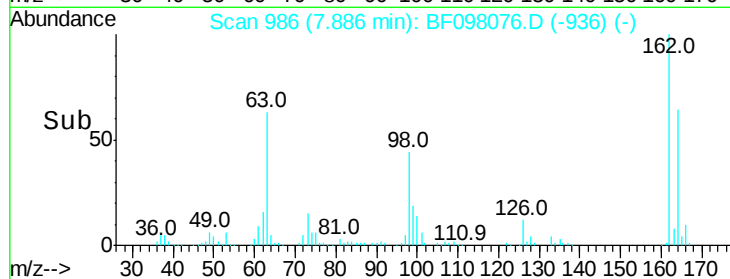
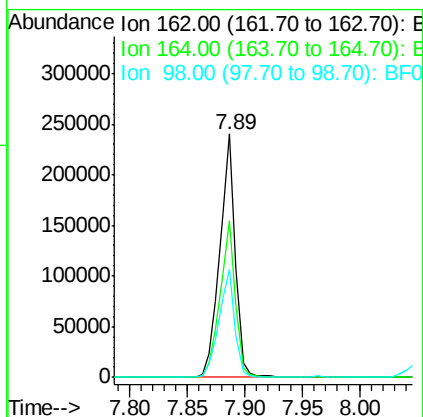
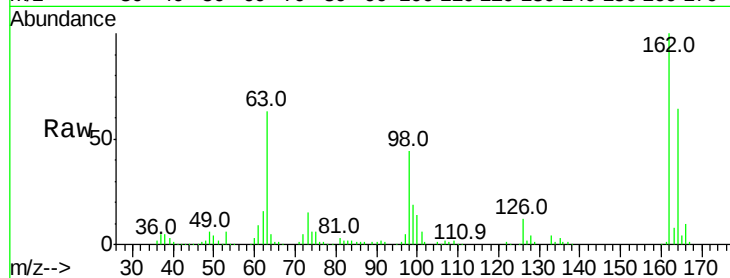




#29
 2,4-Dichlorophenol
 Concen: 41.263 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

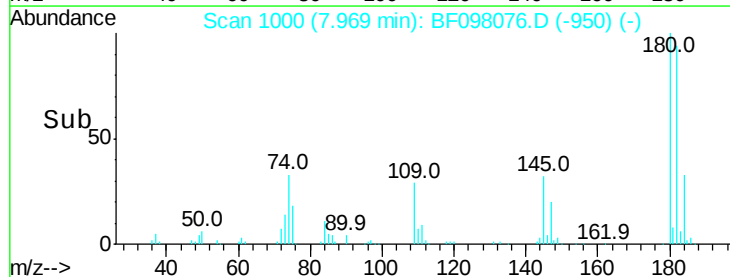
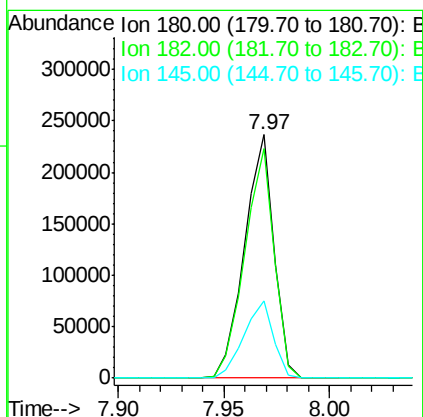
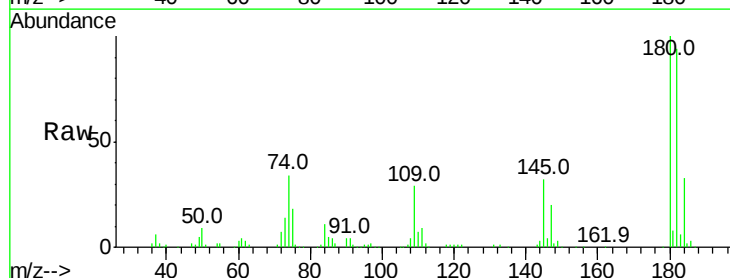
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

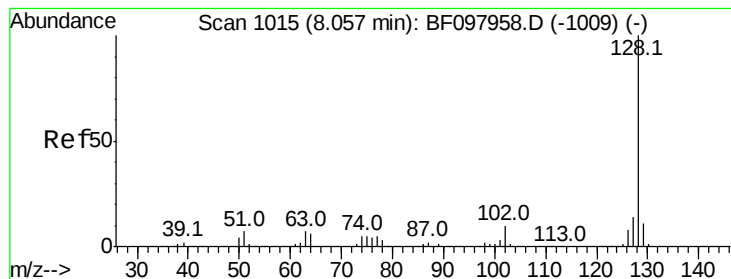
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	44.4	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.601 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	31.8	25.3	37.9





#31

Naphthalene

Concen: 37.993 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

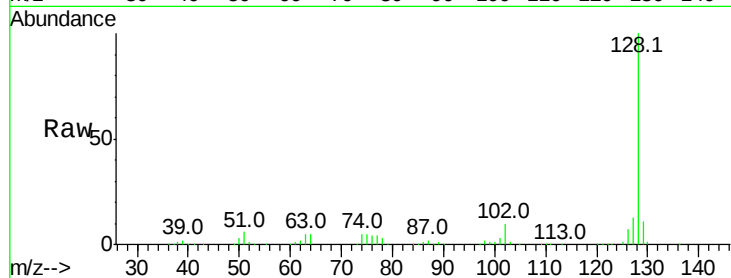
Tot Ion:128 Resp: 815858

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

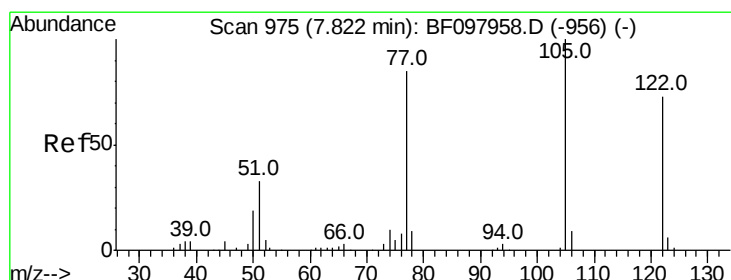
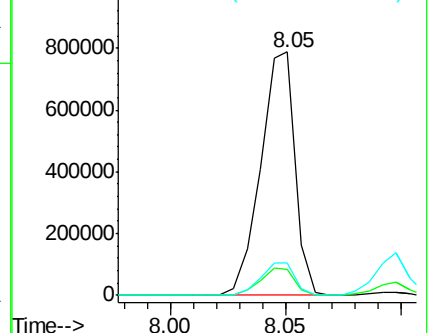
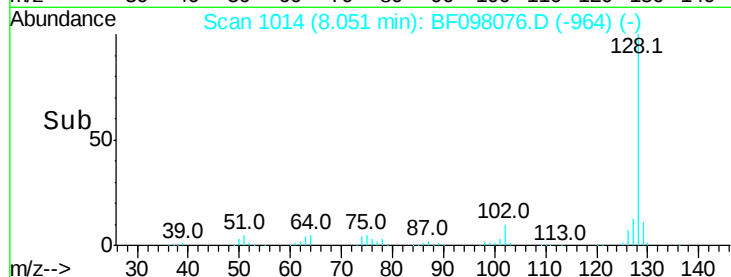
127 13.4 10.8 16.2



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: 32.592 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

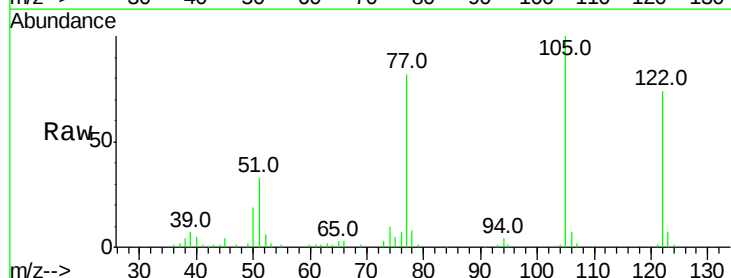
Tgt Ion:122 Resp: 145390

Ion Ratio Lower Upper

122 100

105 135.2 103.3 143.3

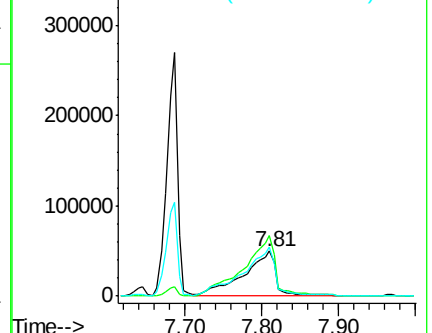
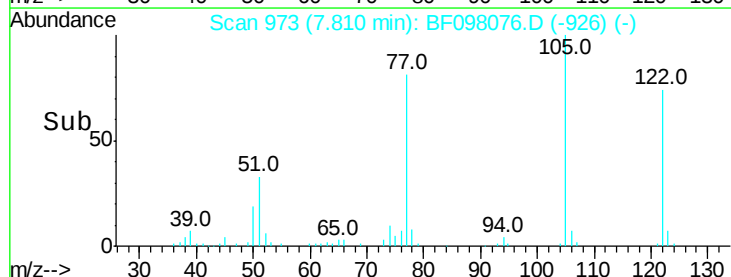
77 110.2 73.7 113.7

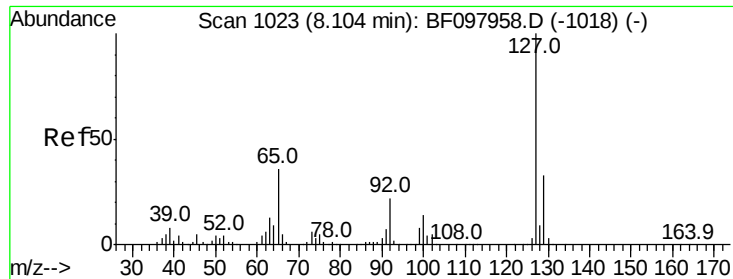


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

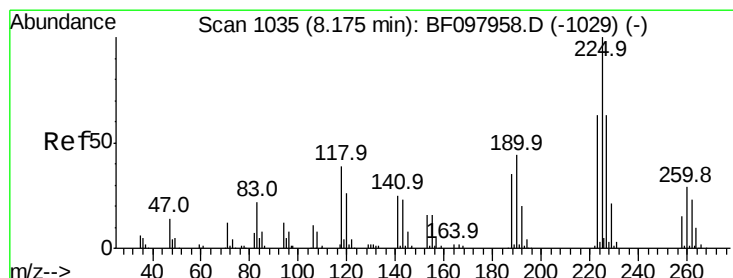
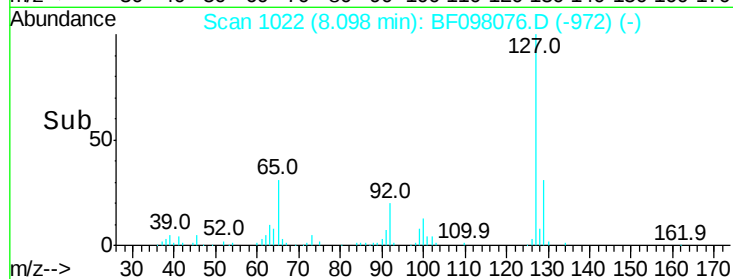
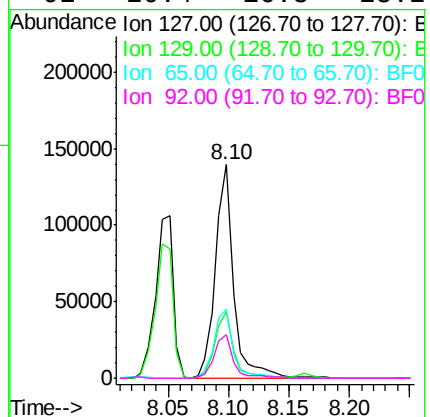
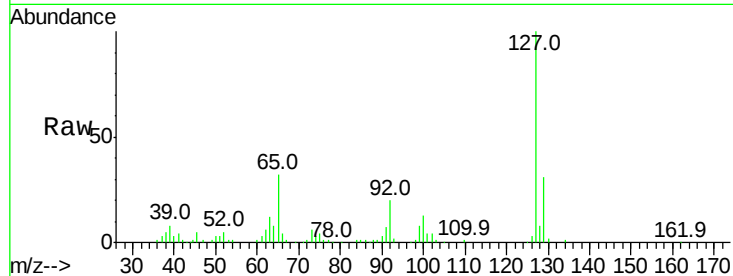




#33
4-Chloroaniline
Concen: 16.006 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

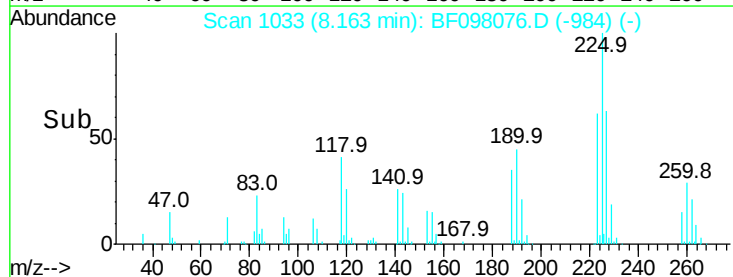
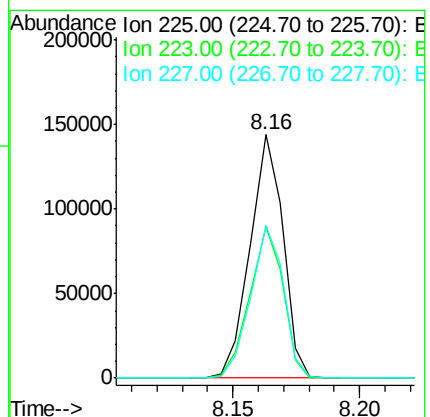
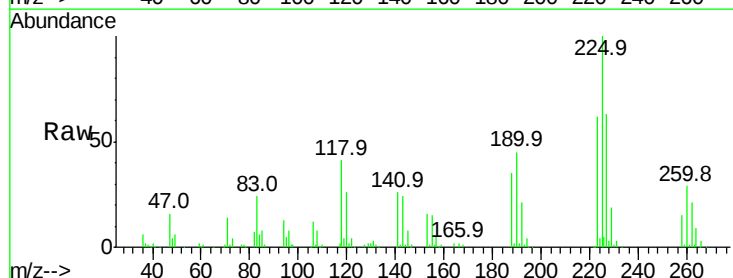
Instrument :
BNA_F
ClientSampleId :
PB101859BS

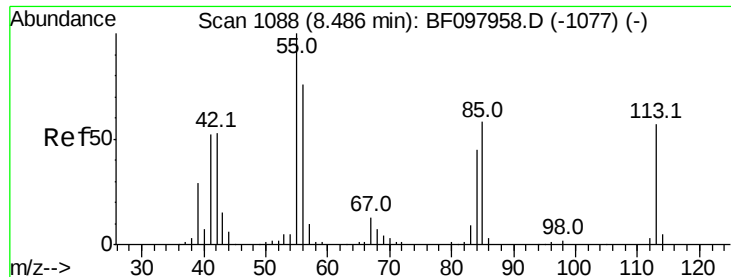
Tot Ion:	127	Resp:	144955
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	32.3	27.8	41.8
92	20.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.938 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion:	225	Resp:	131048
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	62.9	51.1	76.7





#35

Caprolactam

Concen: 45.360 ng/mL

RT: 8.47 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampled :

PB101859BS

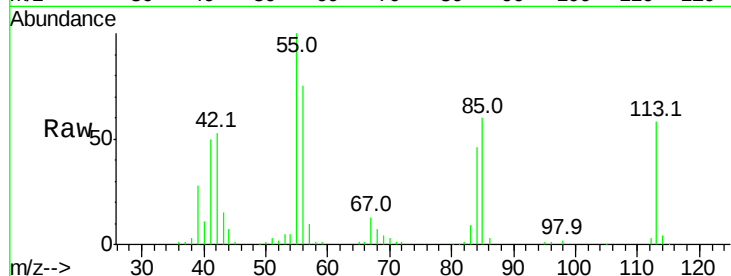
Tot Ion:113 Resp: 84524

Ion Ratio Lower Upper

113 100

55 173.6 150.2 190.2

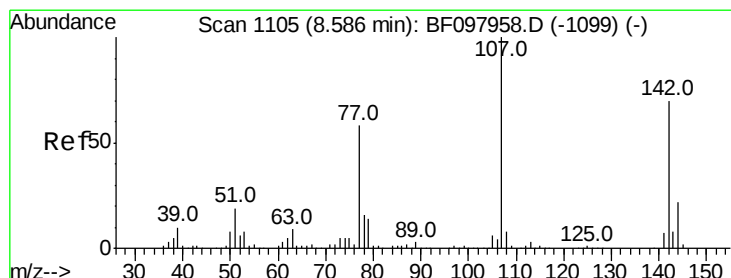
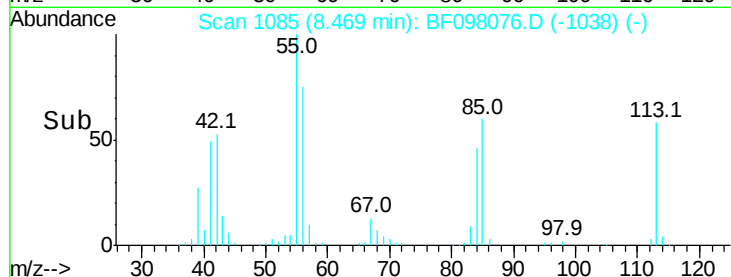
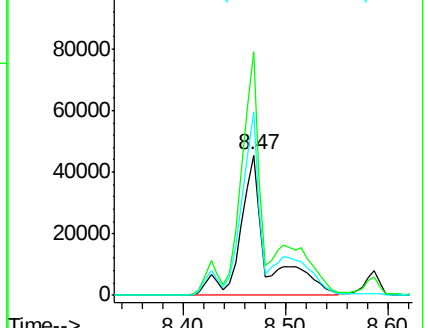
56 130.7 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.590 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

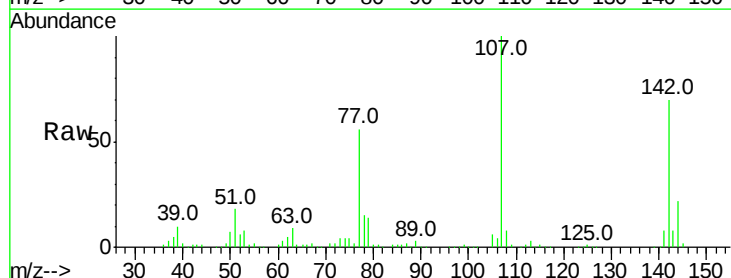
Tgt Ion:107 Resp: 278805

Ion Ratio Lower Upper

107 100

144 22.1 24.2 36.4#

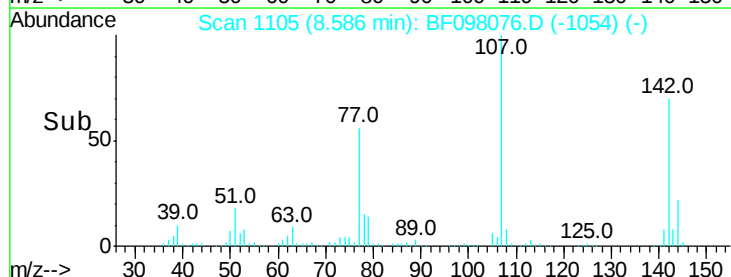
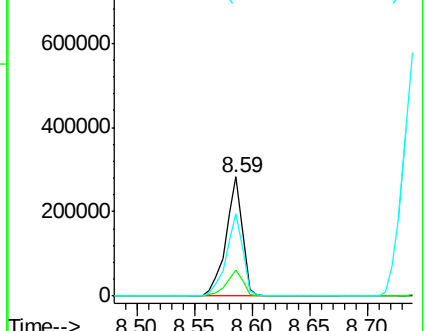
142 69.6 73.4 110.0#

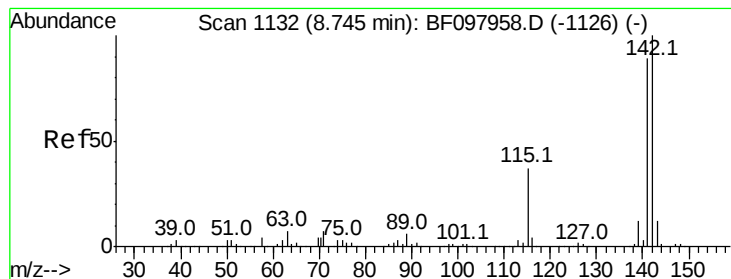


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.446 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

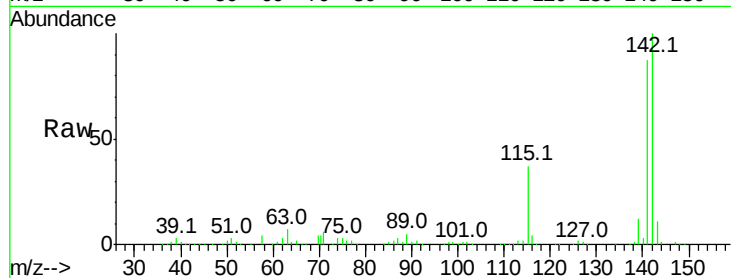
Tot Ion:142 Resp: 532499

Ion Ratio Lower Upper

142 100

141 87.1 71.3 106.9

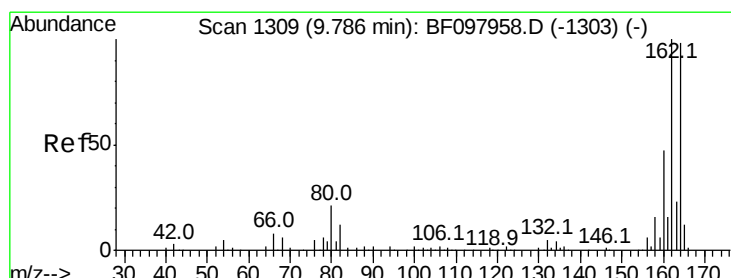
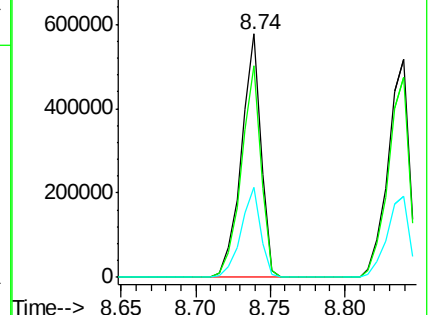
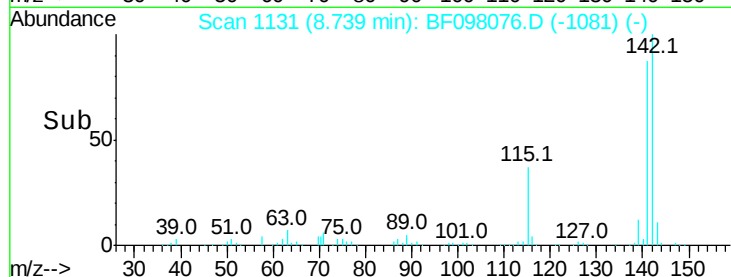
115 37.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

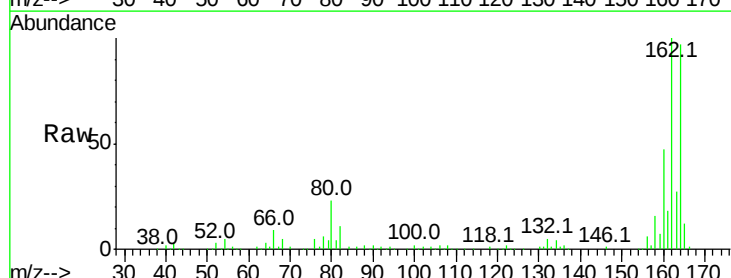
Tgt Ion:164 Resp: 183549

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

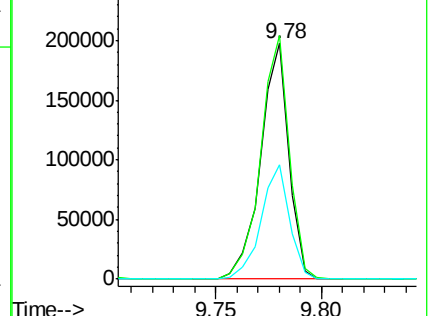
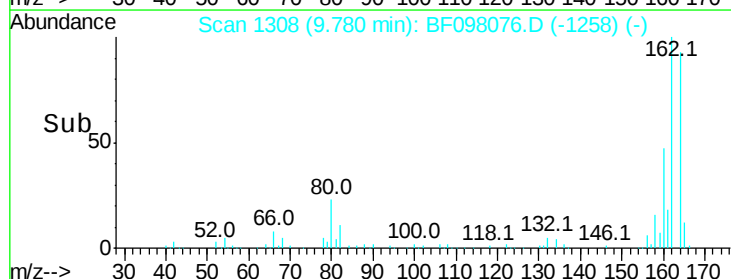
160 48.5 36.2 54.2

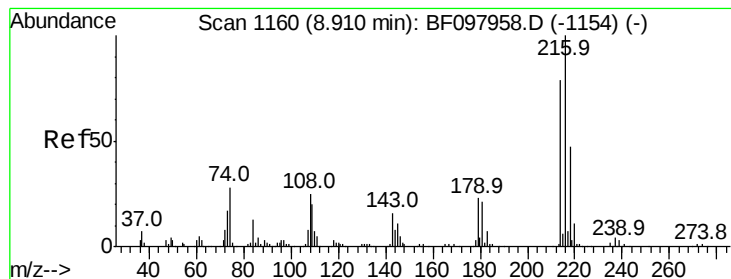


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.249 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

Tot Ion:216 Resp: 209828

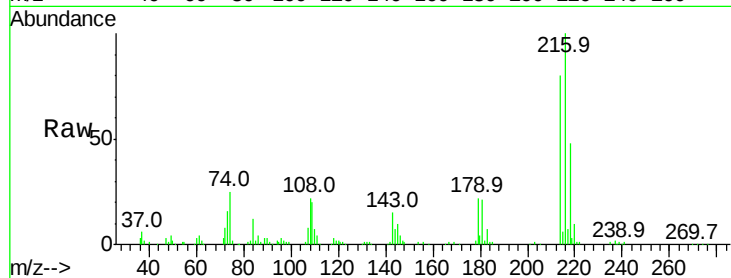
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.0 17.9 26.9

108 26.7 16.5 24.7#

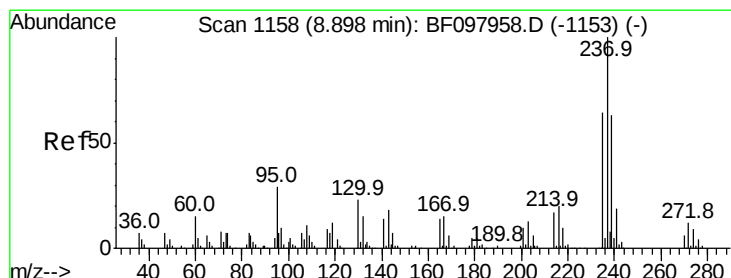
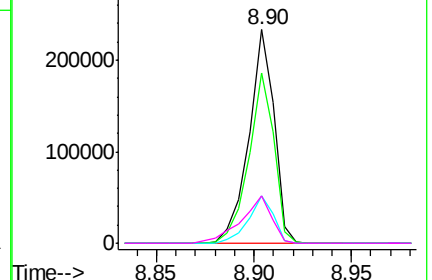
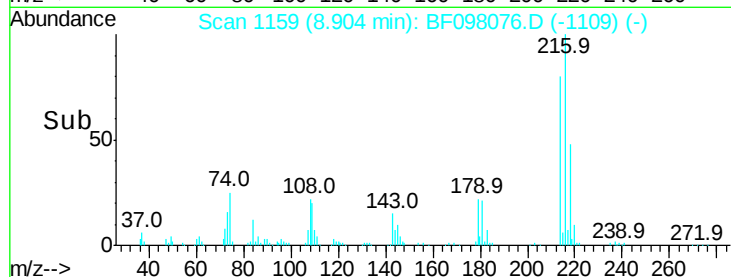


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.579 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

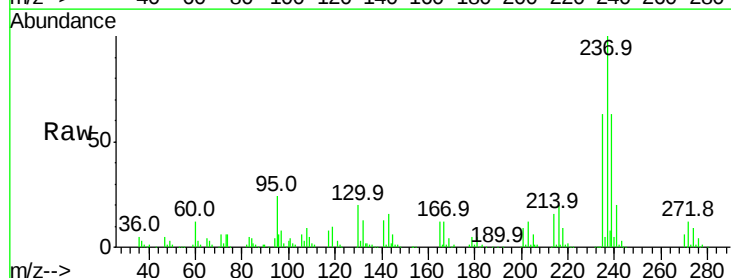
Tgt Ion:237 Resp: 228886

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

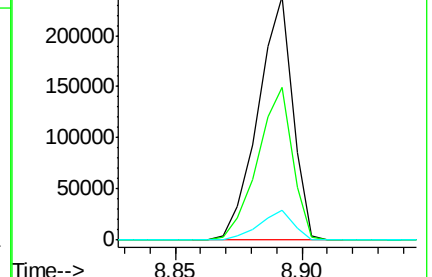
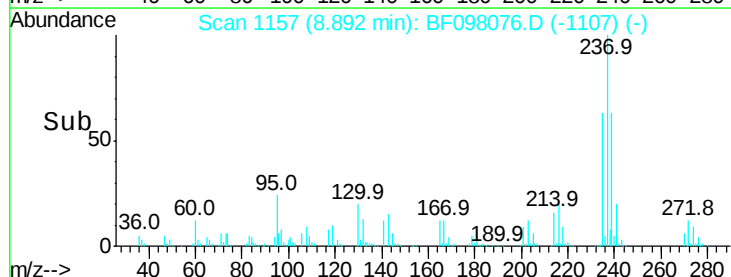
272 12.2 0.0 31.9

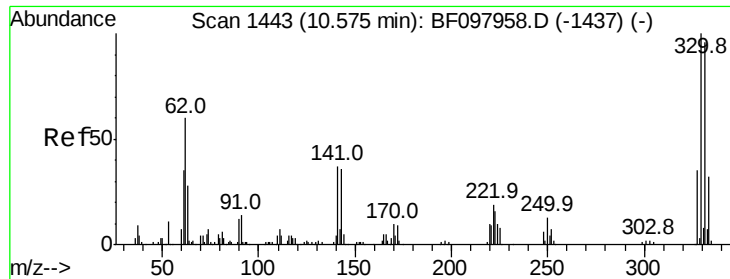


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

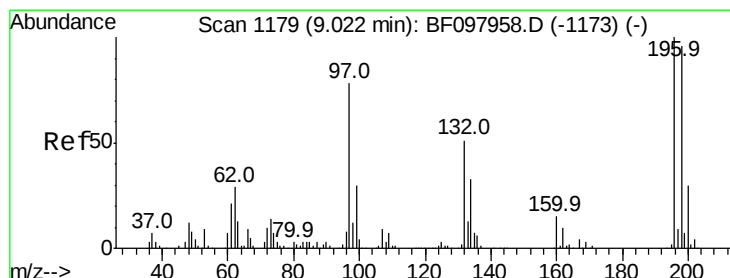
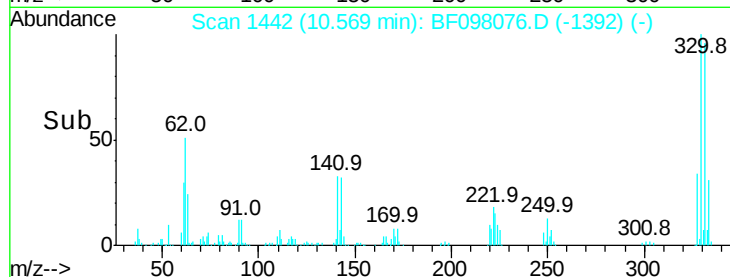
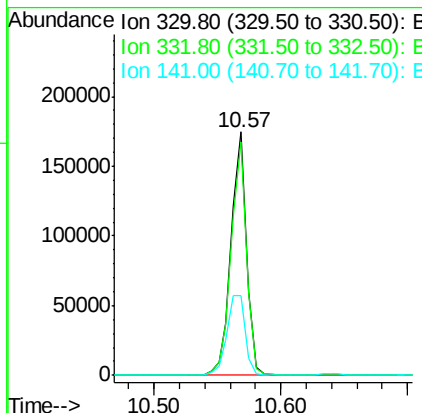
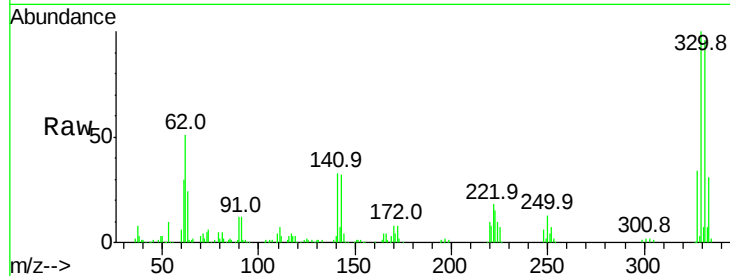




#41
 2,4,6-Tribromophenol
 Concen: 92.310 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

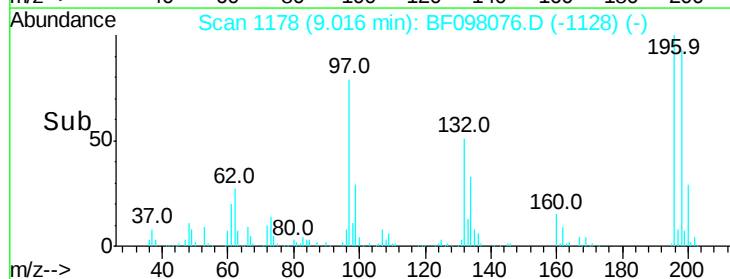
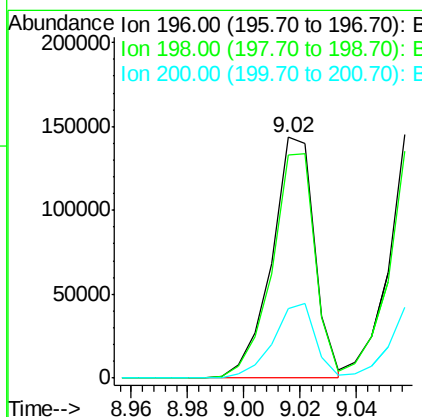
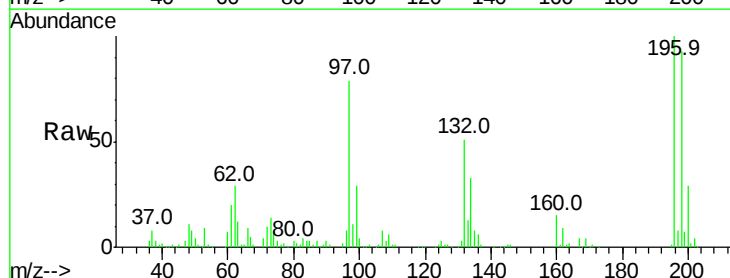
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

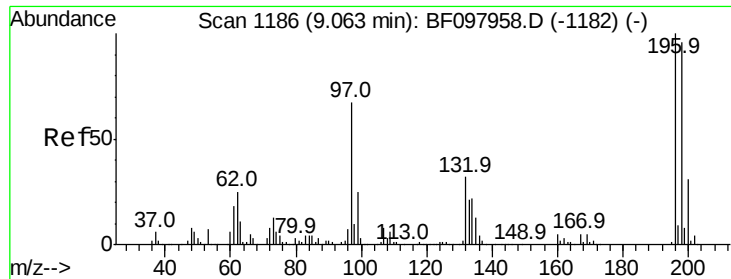
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.989 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	74.2	111.4
200	28.8	24.0	36.0

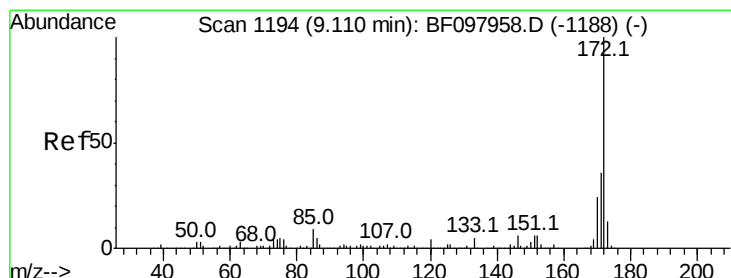
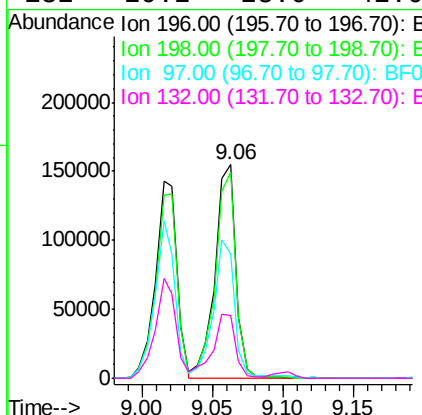
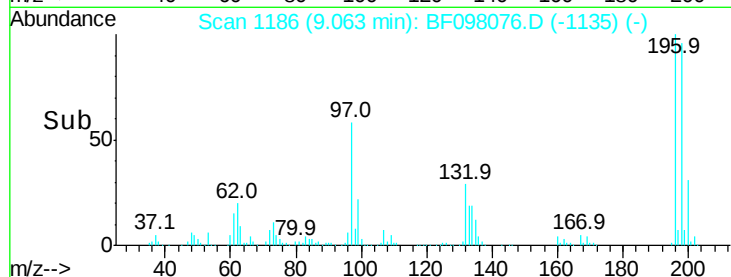
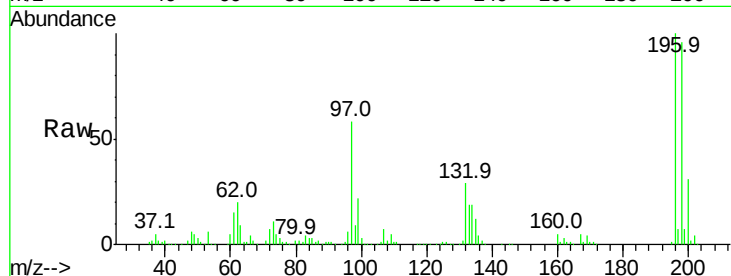




#43
 2,4,5-Trichlorophenol
 Concen: 42.920 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

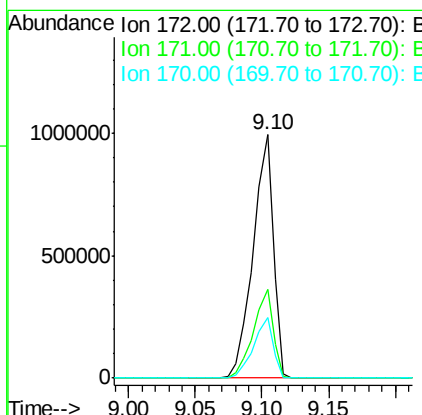
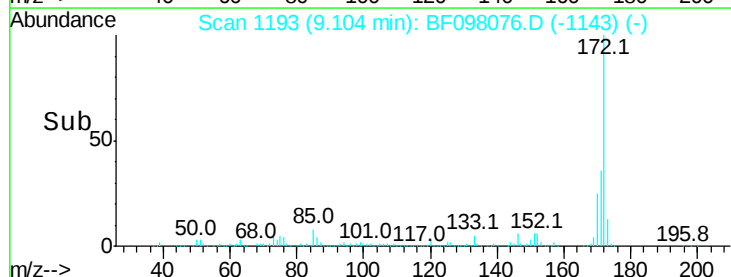
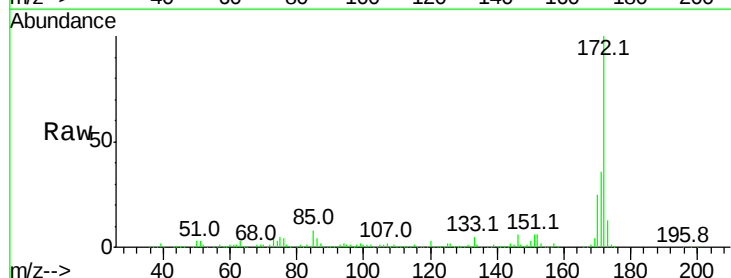
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

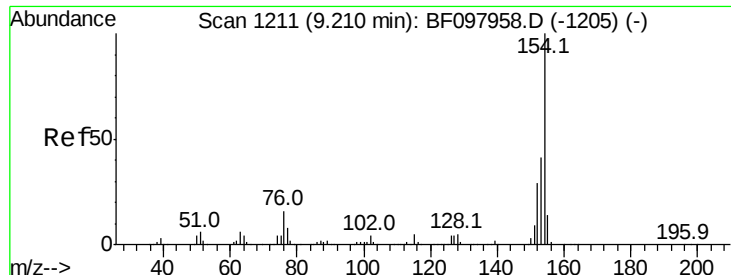
Tot Ion:	196	Resp:	161031
Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
97	58.2	47.7	71.5
132	29.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 82.342 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion:	172	Resp:	1028709
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.0	19.8	29.8

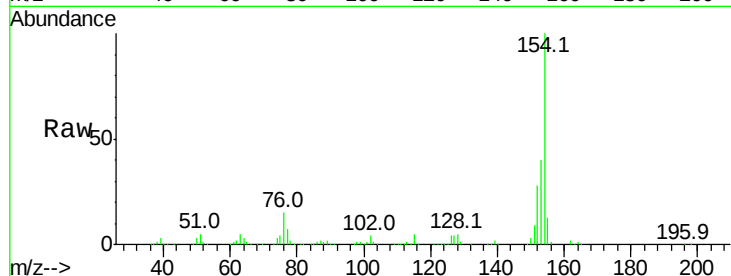




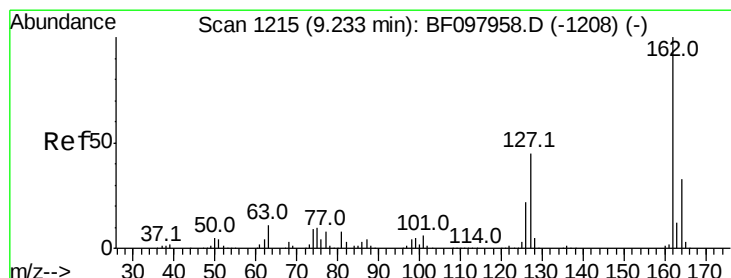
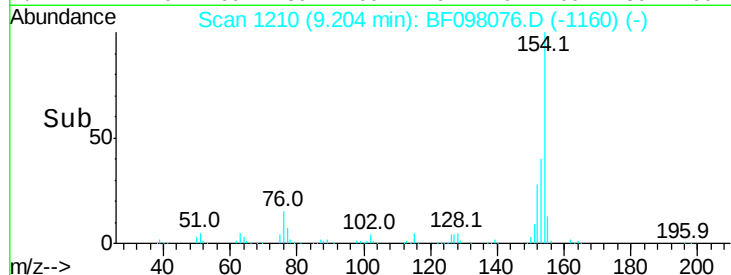
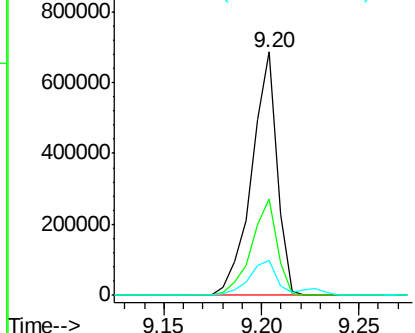
#45
 1,1'-Biphenyl
 Concen: 36.999 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

Tot Ion:154 Resp: 619291
 Ion Ratio Lower Upper
 154 100
 153 39.8 21.2 61.2
 76 14.6 0.0 29.9

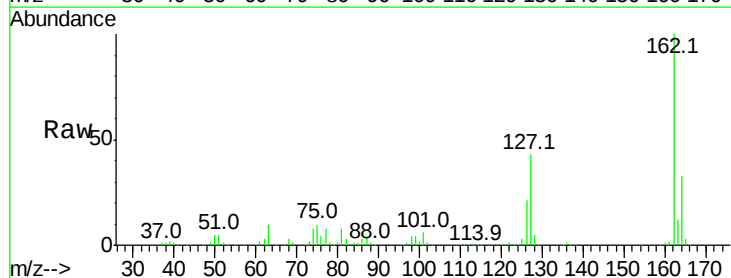


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

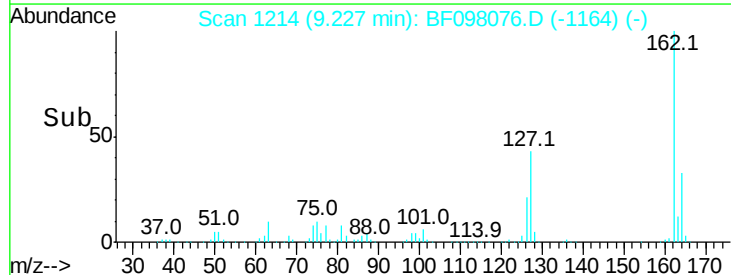
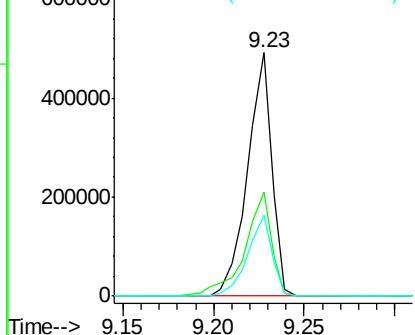


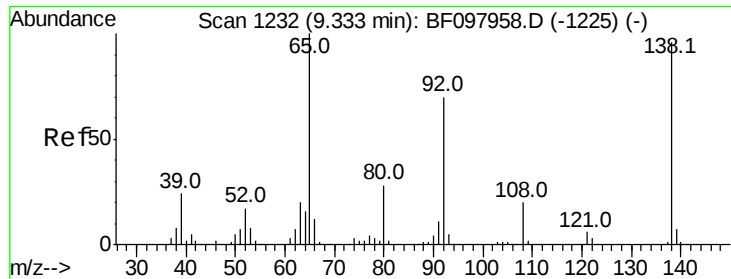
#46
 2-Chloronaphthalene
 Concen: 37.118 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion:162 Resp: 459049
 Ion Ratio Lower Upper
 162 100
 127 42.8 28.3 42.5#
 164 33.1 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

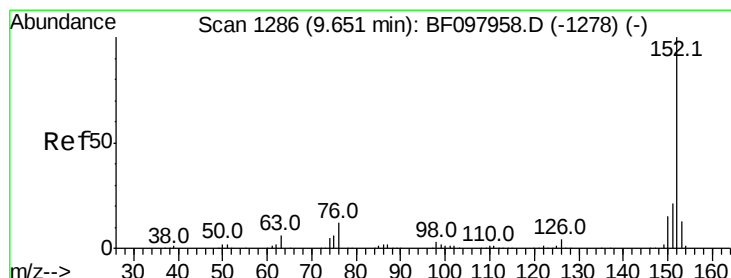
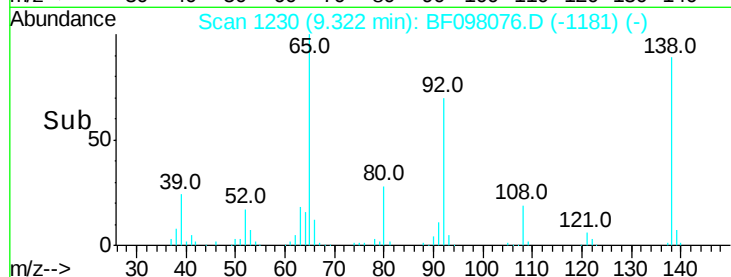
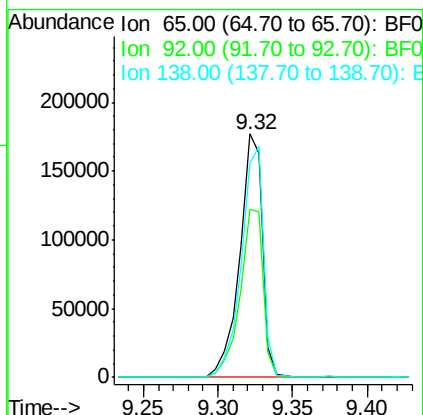
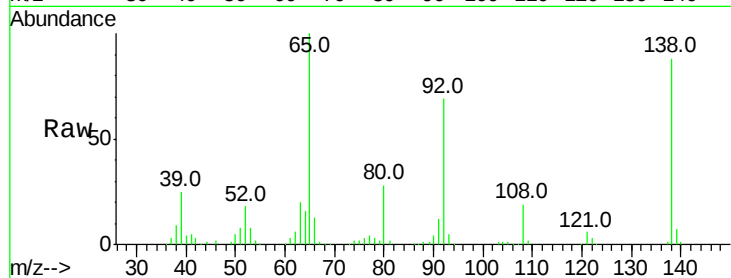




#47
2-Nitroaniline
Concen: 45.117 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

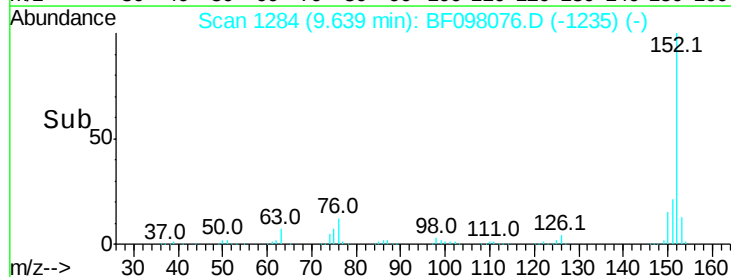
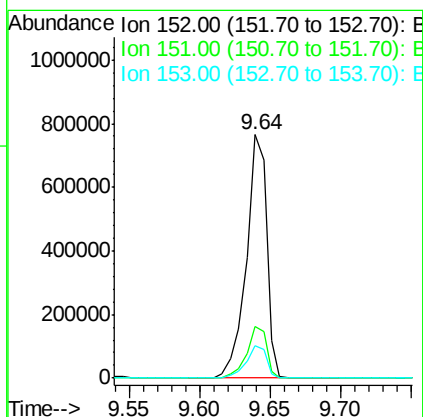
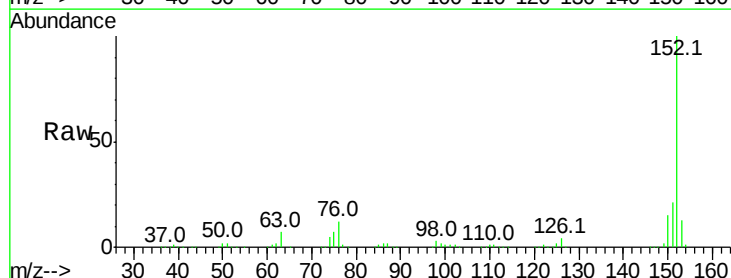
Instrument :
BNA_F
ClientSampleId :
PB101859BS

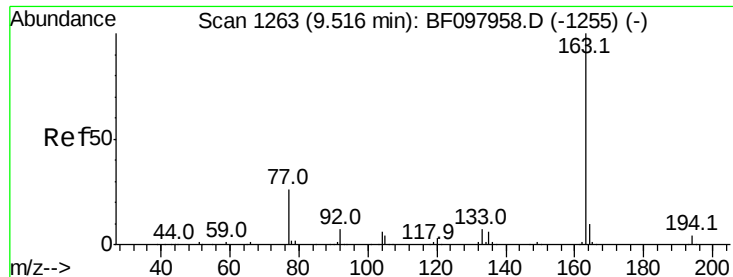
Tot Ion: 65 Resp: 187057
Ion Ratio Lower Upper
65 100
92 69.2 53.9 80.9
138 88.0 78.8 118.2



#48
Acenaphthylene
Concen: 39.707 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion: 152 Resp: 771152
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.2 10.8 16.2

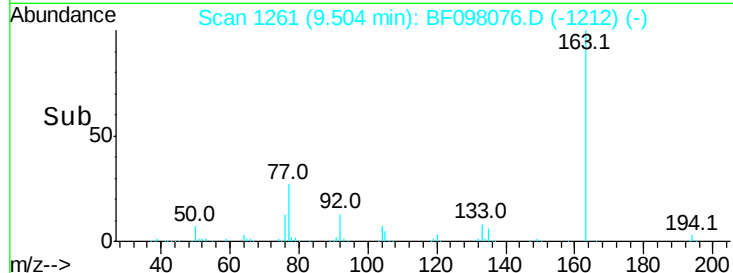
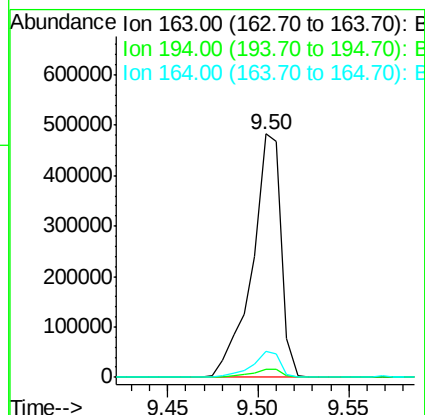
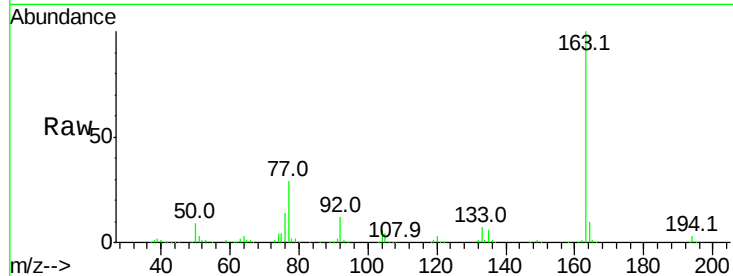




#49
Dimethylphthalate
Concen: 40.017 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

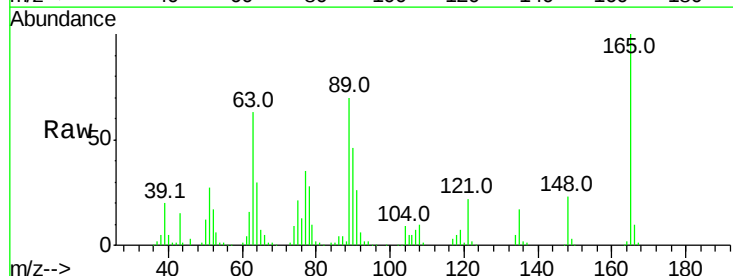
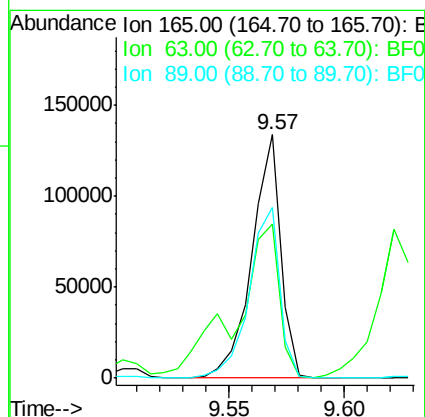
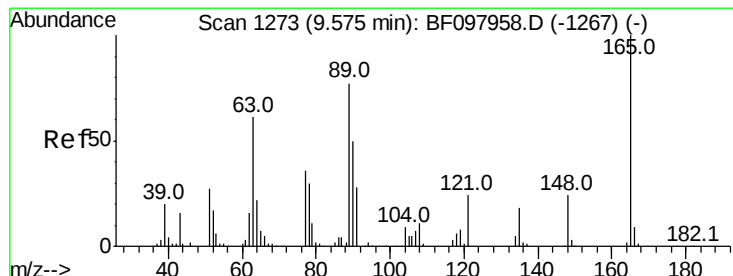
Instrument :
BNA_F
ClientSampleId :
PB101859BS

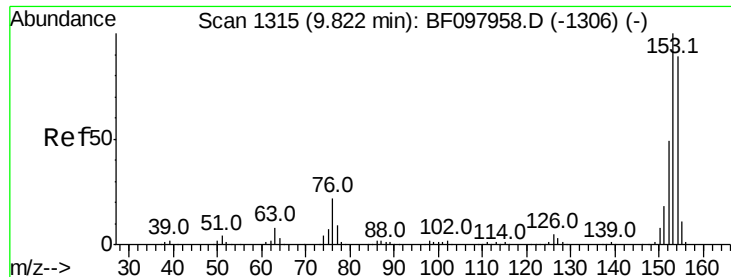
Tot Ion:163 Resp: 536906
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 43.838 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion:165 Resp: 117404
Ion Ratio Lower Upper
165 100
63 63.1 34.3 51.5#
89 70.3 37.1 55.7#





#51

Acenaphthene

Concen: 36.484 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

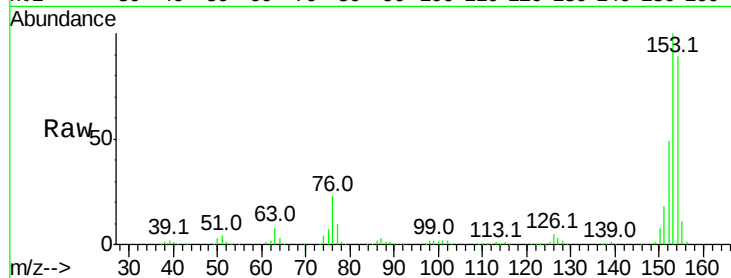
Tot Ion:154 Resp: 446882

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

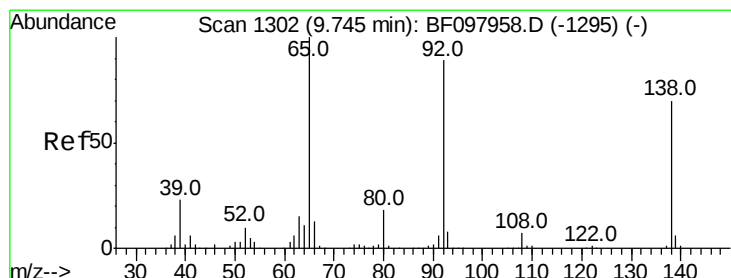
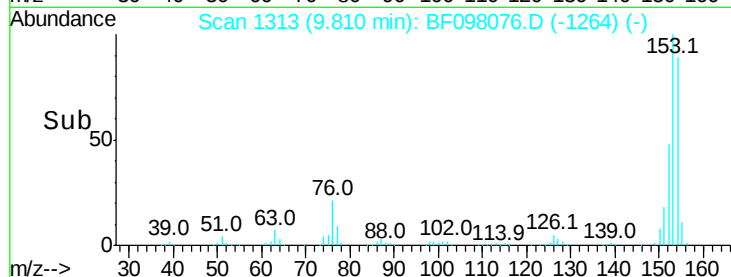
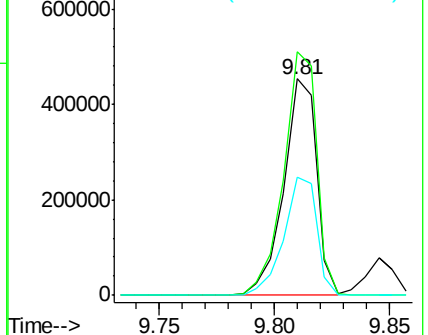
152 54.8 43.6 65.4



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: 24.089 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

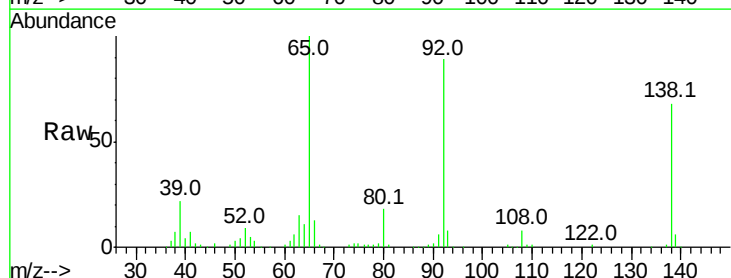
Tgt Ion:138 Resp: 83235

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

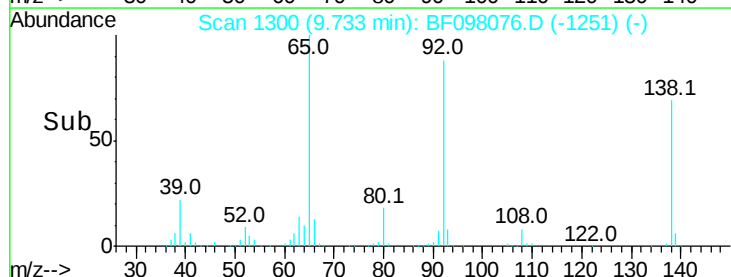
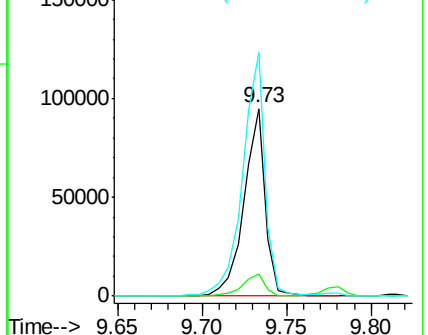
92 129.7 93.8 140.6



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

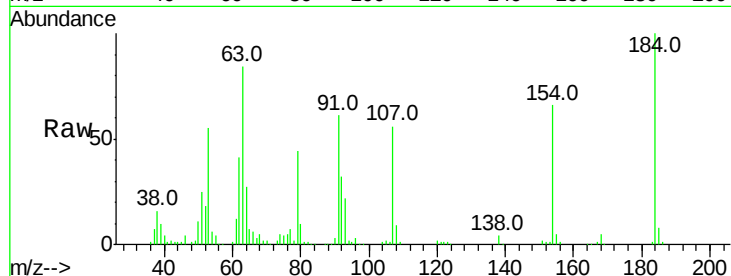




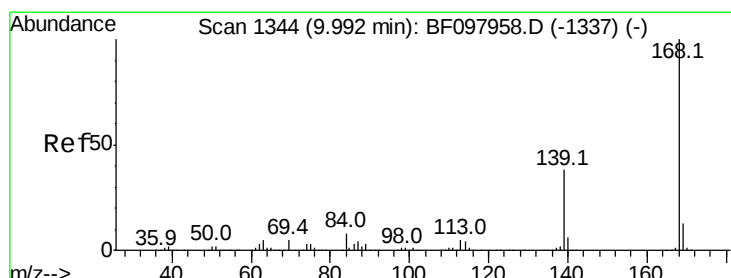
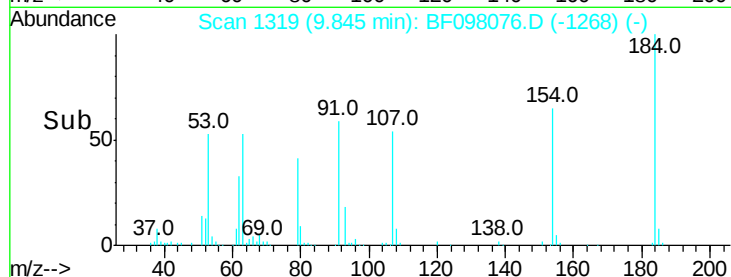
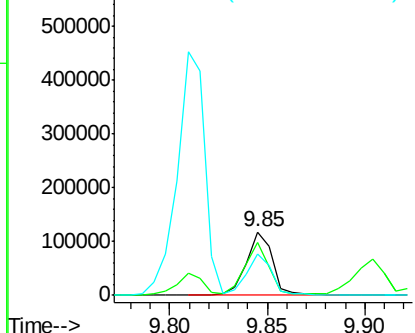
#53
2,4-Dinitrophenol
Concen: 85.059 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
PB101859BS

Tot Ion:184 Resp: 109297
Ion Ratio Lower Upper
184 100
63 83.6 62.7 94.1
154 65.7 81.1 121.7#

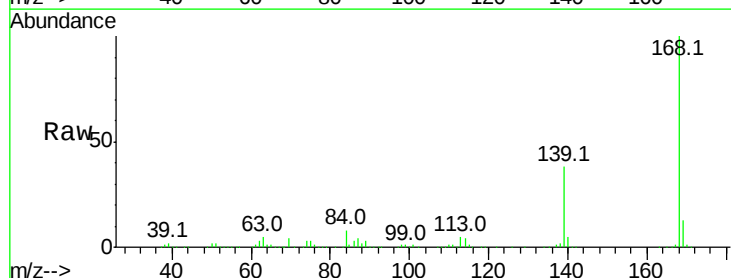


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

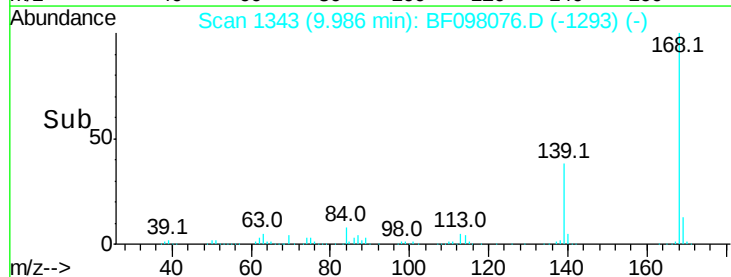
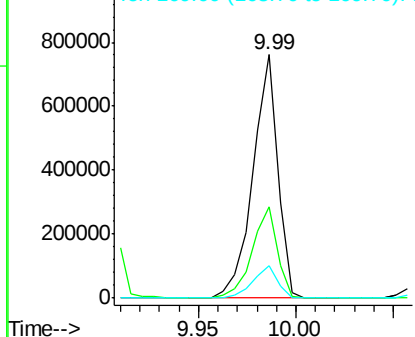


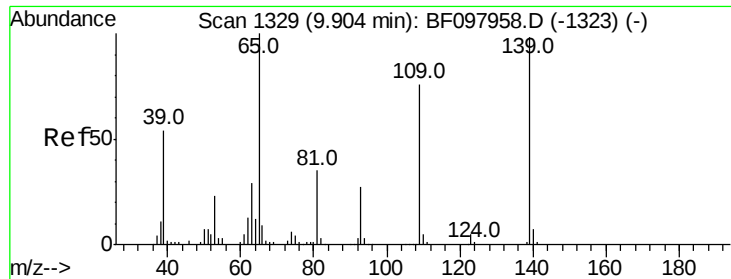
#54
Dibenzofuran
Concen: 40.846 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion:168 Resp: 670523
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

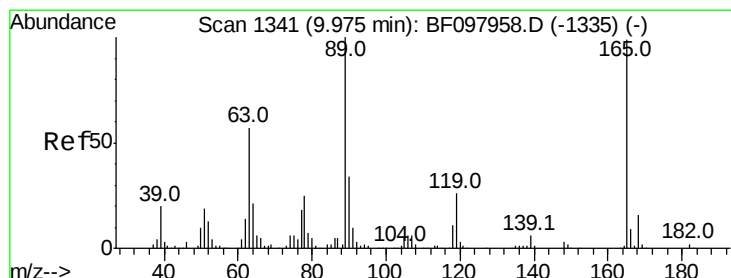
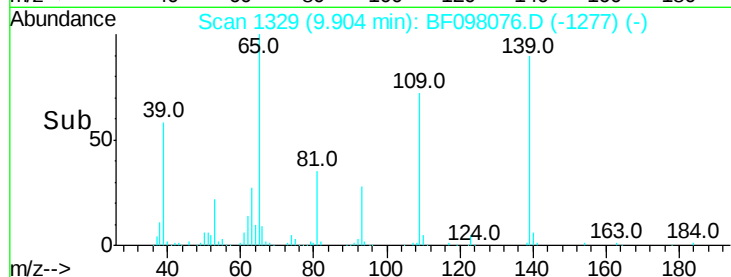
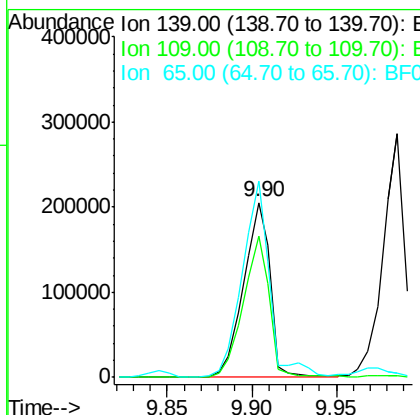
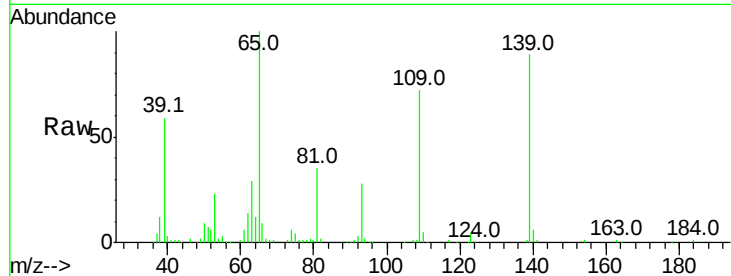




#55
4-Nitrophenol
Concen: 82.068 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

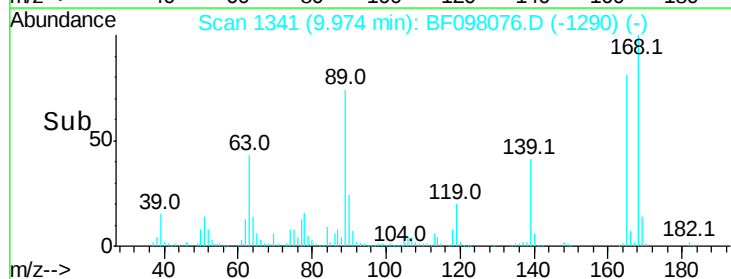
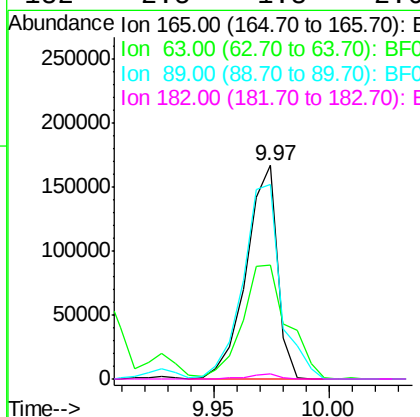
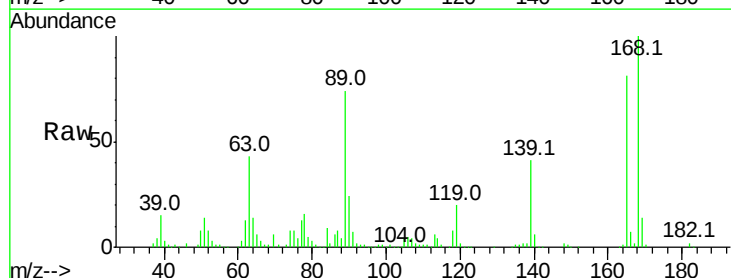
Instrument :
BNA_F
ClientSampleId :
PB101859BS

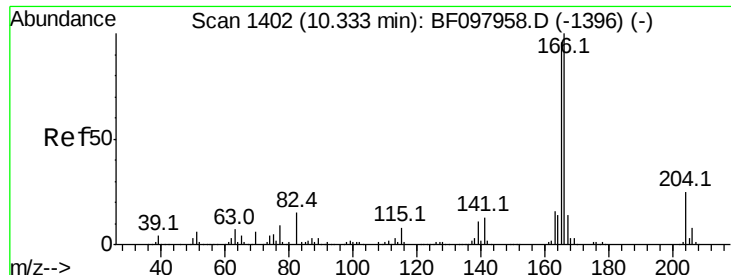
Tot Ion:139 Resp: 226208
Ion Ratio Lower Upper
139 100
109 80.8 34.1 74.1#
65 111.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.064 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion:165 Resp: 158182
Ion Ratio Lower Upper
165 100
63 53.2 25.4 38.0#
89 91.1 46.4 69.6#
182 2.5 1.8 2.6

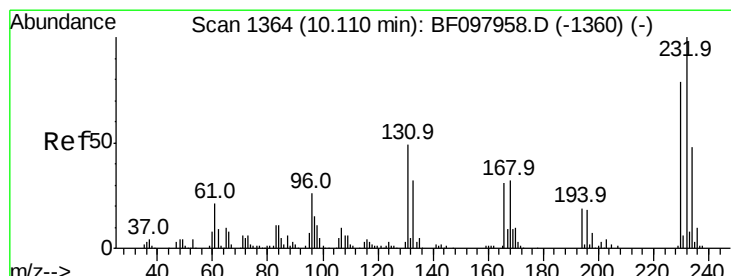
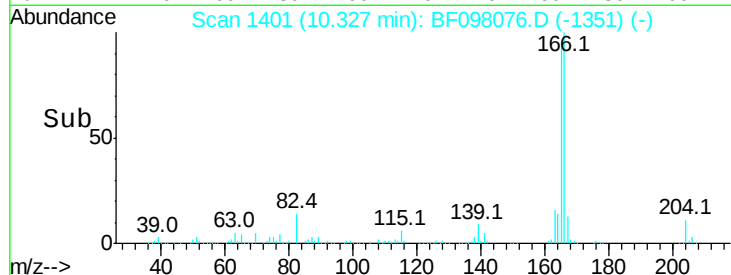
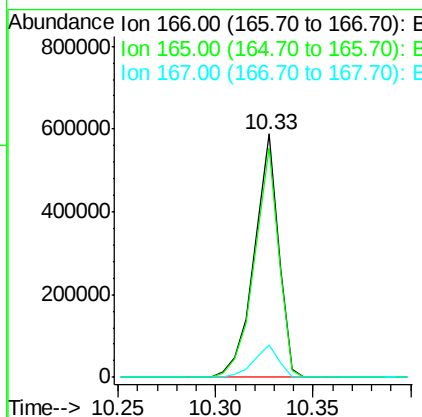
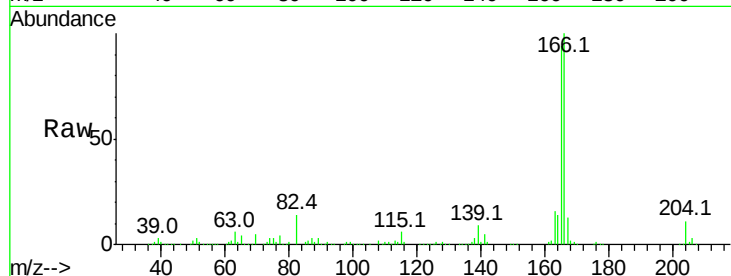




#57
 Fluorene
 Concen: 40.079 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

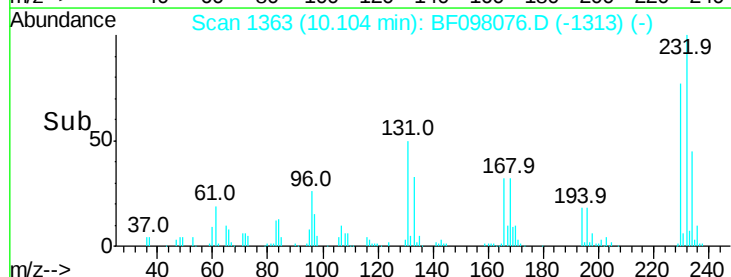
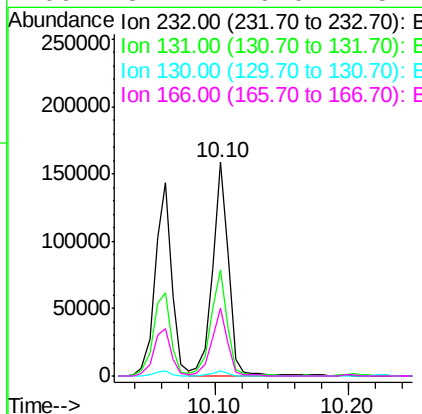
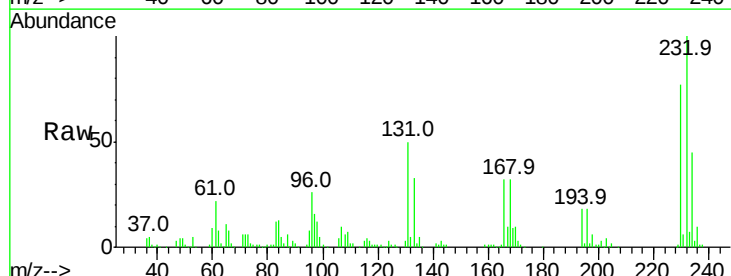
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

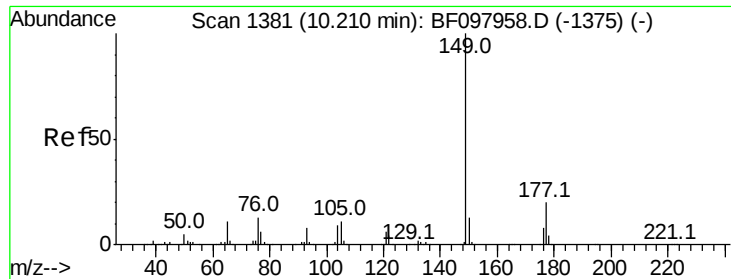
Tot Ion:166 Resp: 508683
 Ion Ratio Lower Upper
 166 100
 165 94.2 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.549 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion:232 Resp: 132313
 Ion Ratio Lower Upper
 232 100
 131 51.8 44.8 67.2
 130 2.5 2.3 3.5
 166 31.7 29.0 43.4

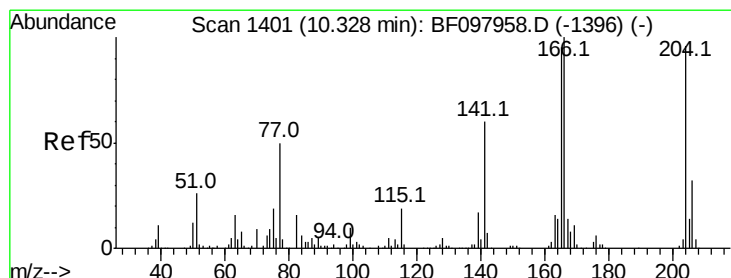
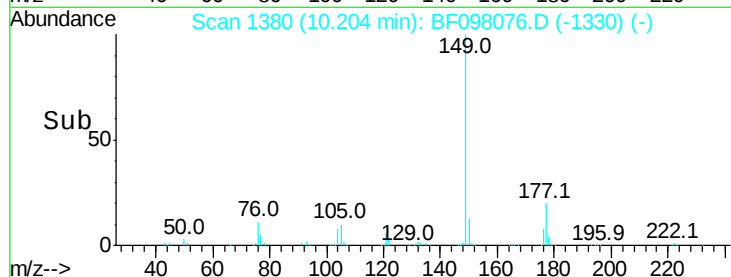
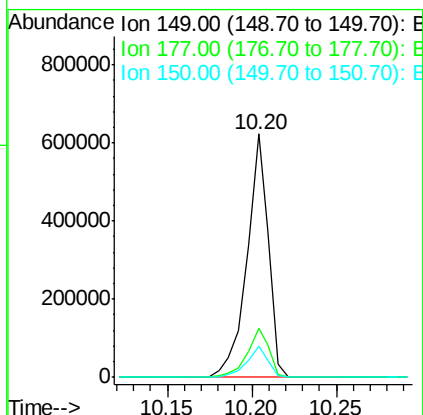
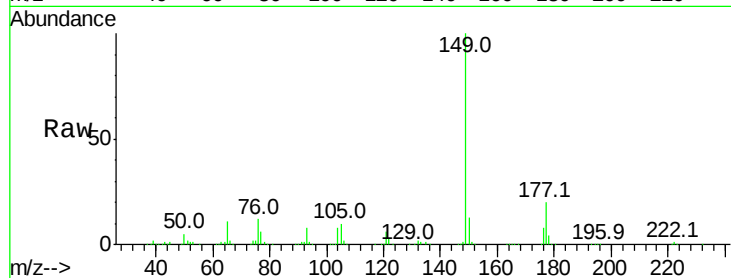




#59
Diethylphthalate
Concen: 39.307 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

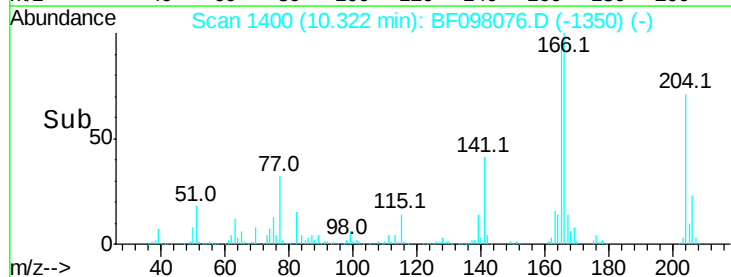
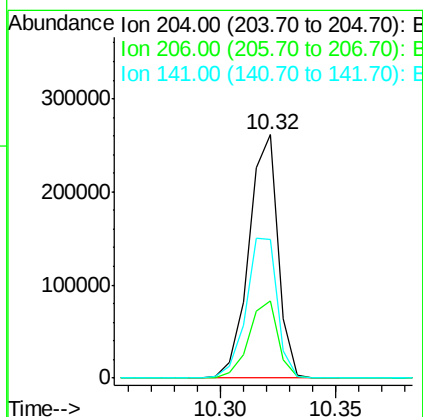
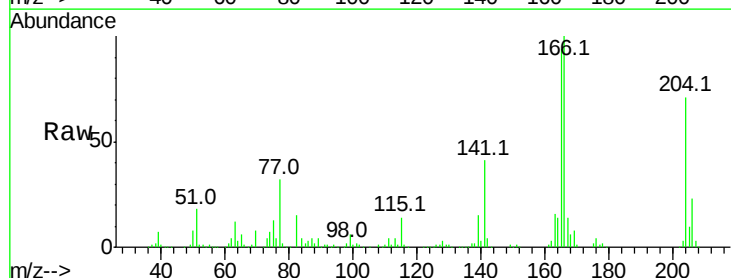
Instrument :
BNA_F
ClientSampleId :
PB101859BS

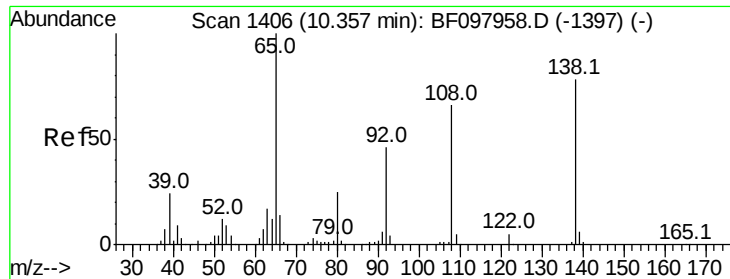
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.7	25.1
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.199 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	56.7	60.8	91.2#

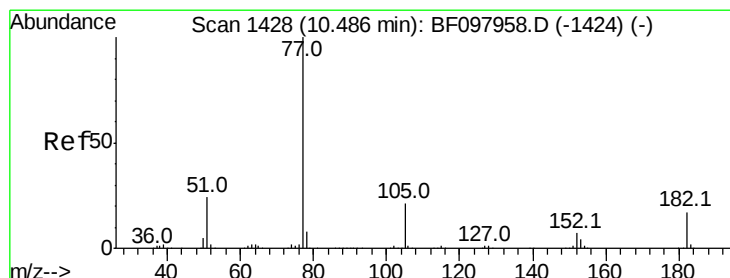
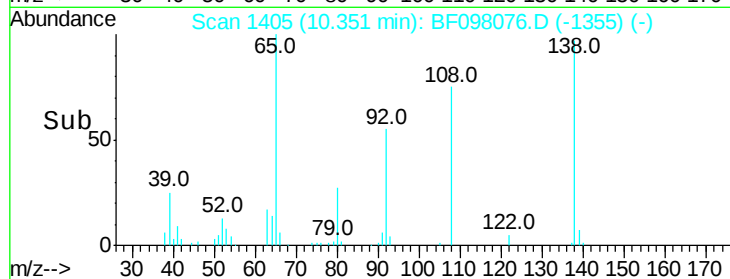
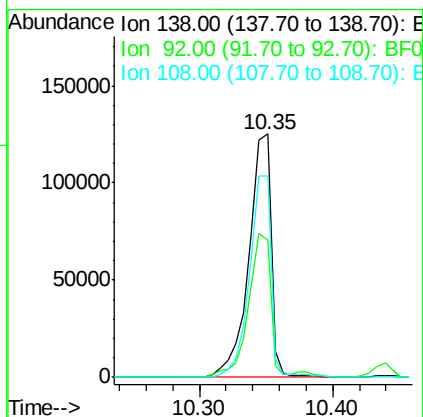
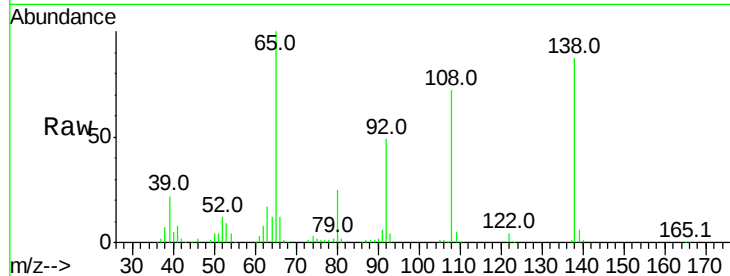




#61
4-Nitroaniline
Concen: 43.764 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

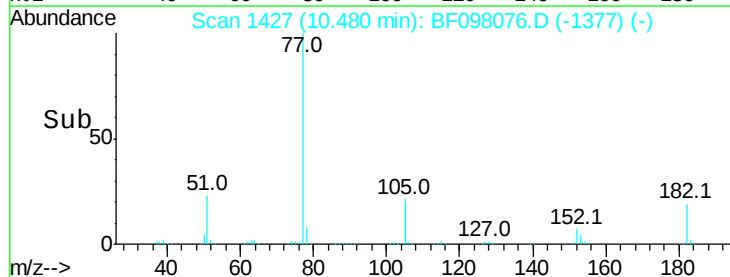
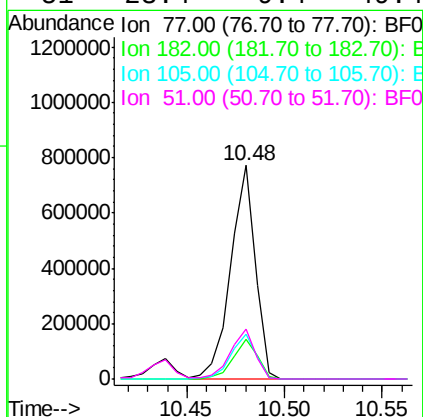
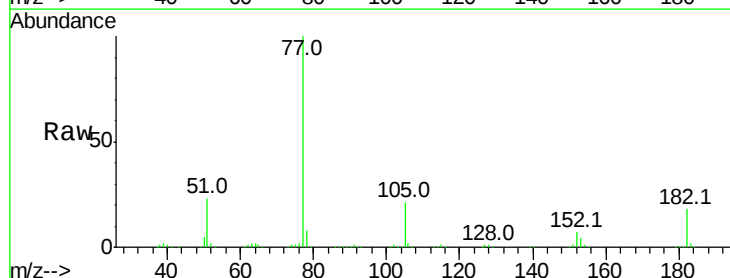
Instrument :
BNA_F
ClientSampleId :
PB101859BS

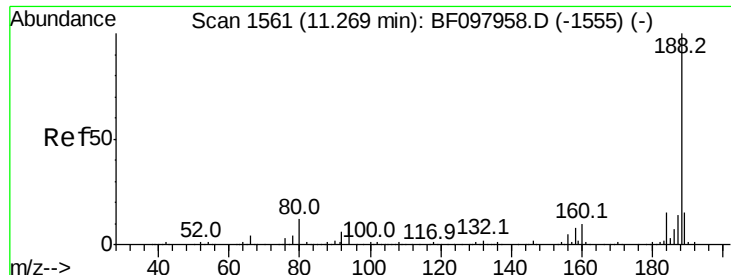
Tot Ion:138 Resp: 143722
Ion Ratio Lower Upper
138 100
92 56.3 21.8 61.8
108 82.7 42.3 82.3#



#62
Azobenzene
Concen: 40.592 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion: 77 Resp: 676514
Ion Ratio Lower Upper
77 100
182 18.5 0.1 40.1
105 21.2 3.6 43.6
51 23.4 9.4 49.4

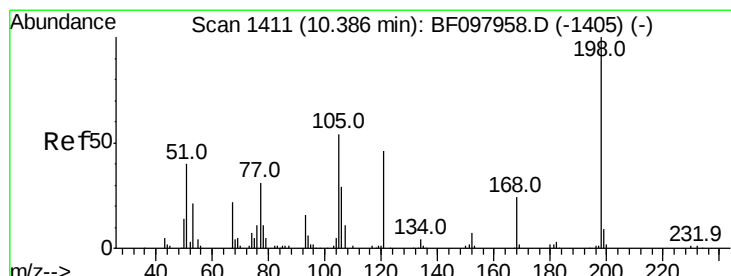
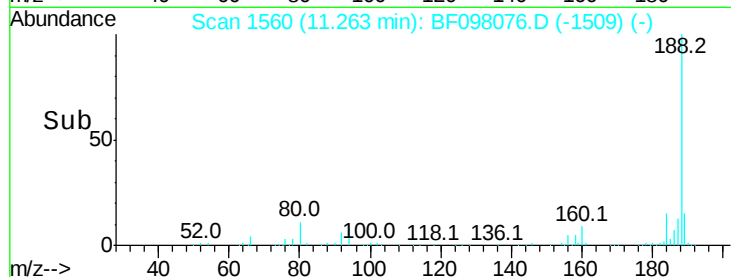
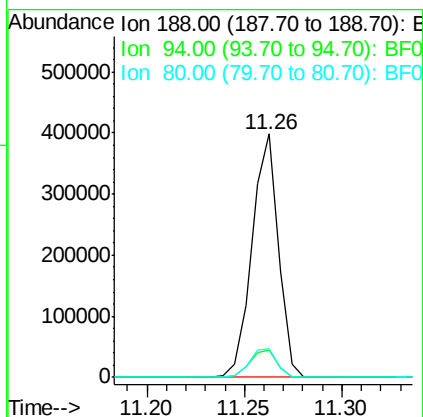
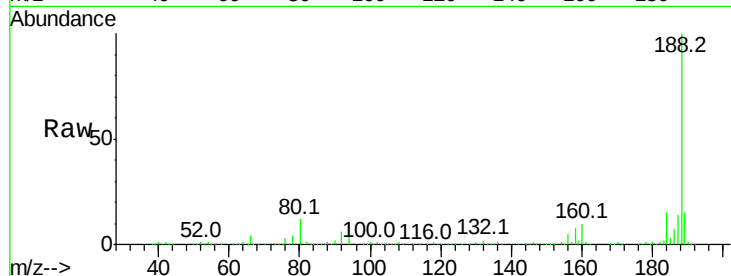




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

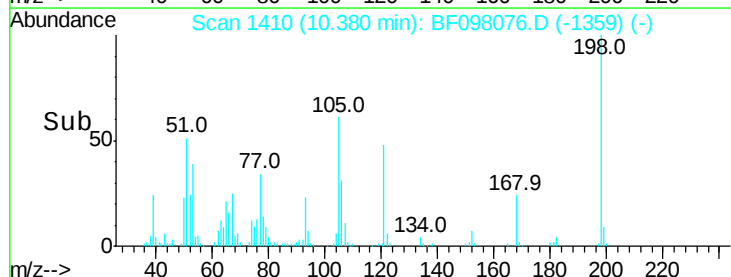
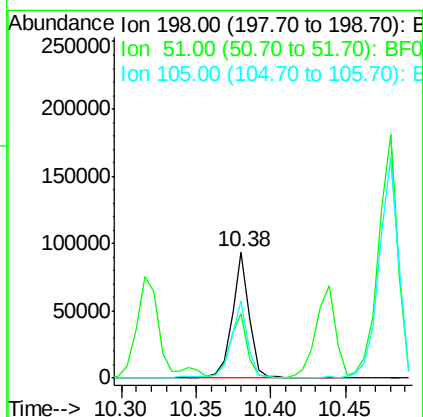
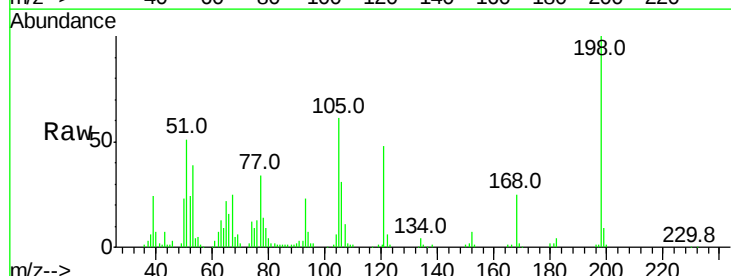
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

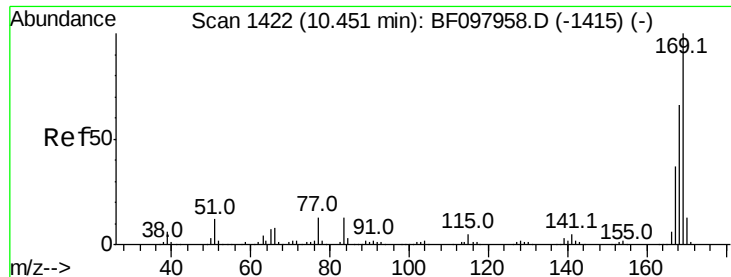
Tot Ion:188 Resp: 372903
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.8 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.964 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion:198 Resp: 75767
 Ion Ratio Lower Upper
 198 100
 51 51.1 53.2 93.2#
 105 61.3 45.8 85.8

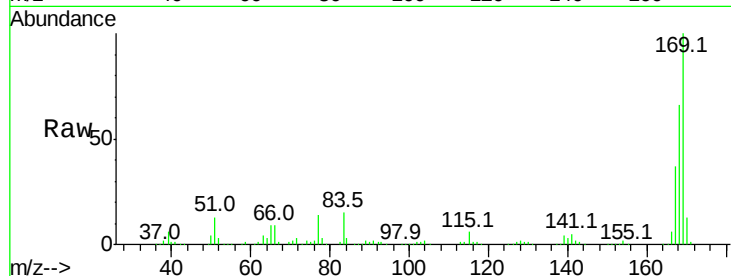




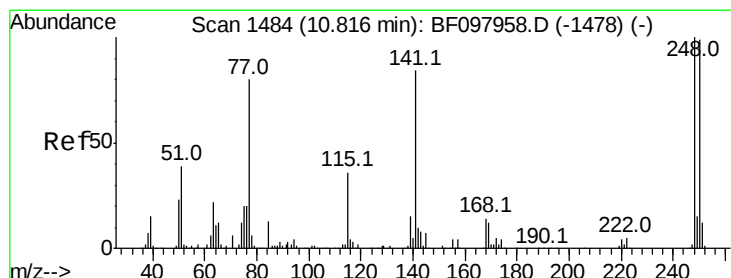
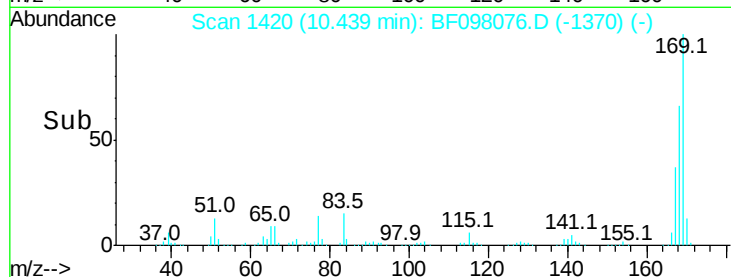
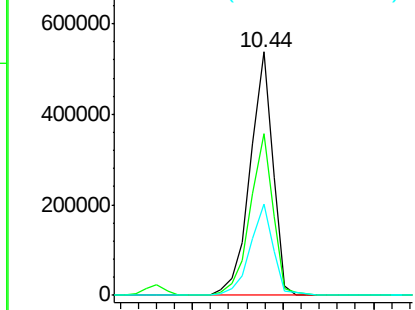
#65
 n-Nitrosodiphenylamine
 Concen: 36.820 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

Tot Ion:169 Resp: 467560
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.2 79.8
 167 37.3 29.5 44.3

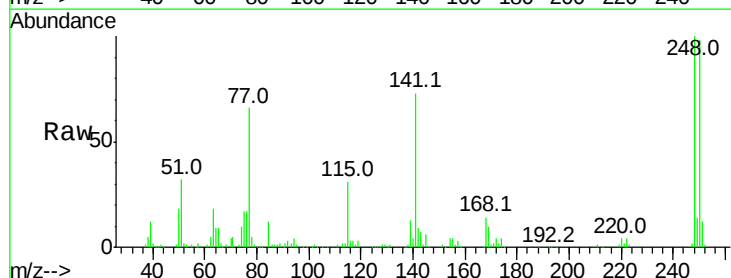


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

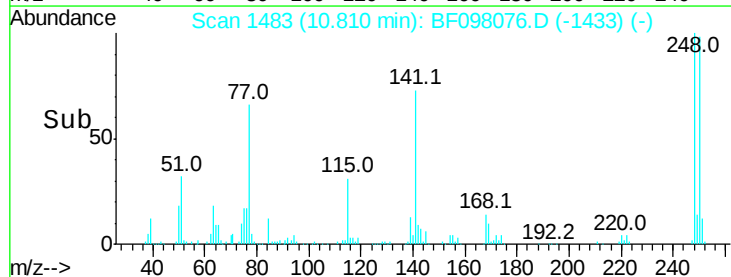
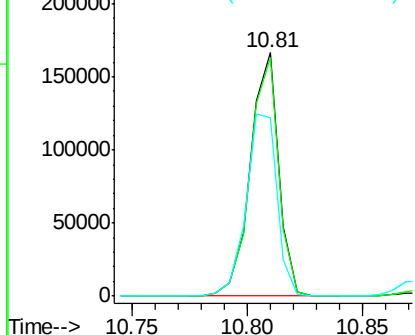


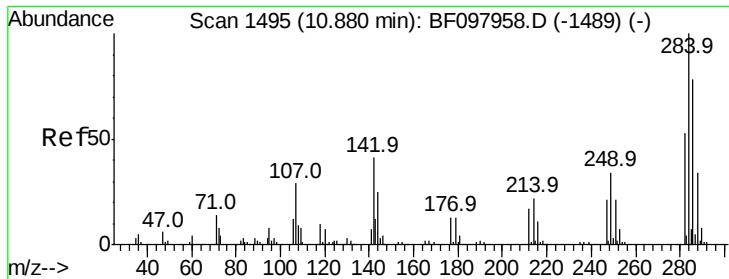
#66
 4-Bromophenyl-phenylether
 Concen: 36.919 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion:248 Resp: 142965
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.8 115.2
 141 73.3 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 35.703 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

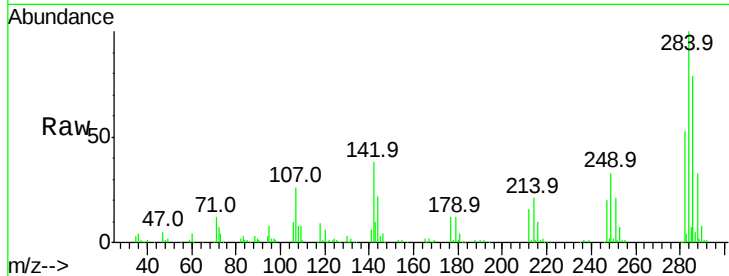
Tot Ion:284 Resp: 140918

Ion Ratio Lower Upper

284 100

142 38.0 22.8 34.2#

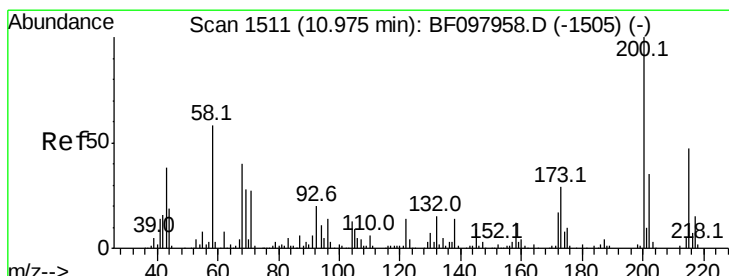
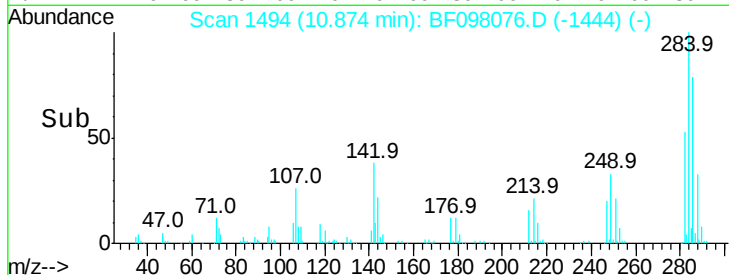
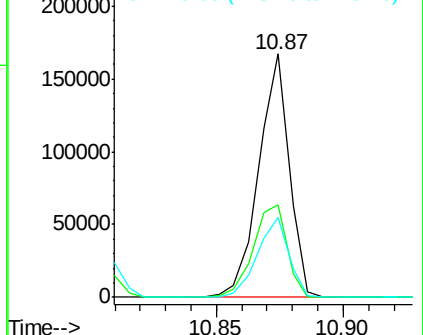
249 32.5 24.0 36.0



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: 42.494 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

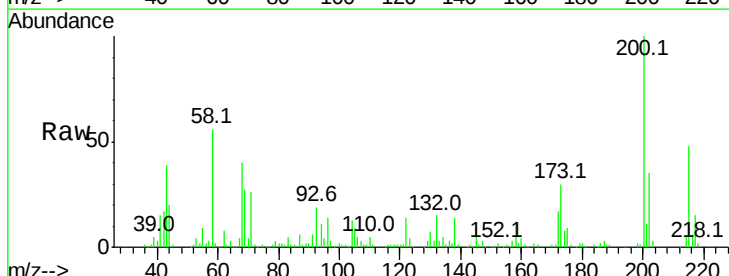
Tgt Ion:200 Resp: 143104

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

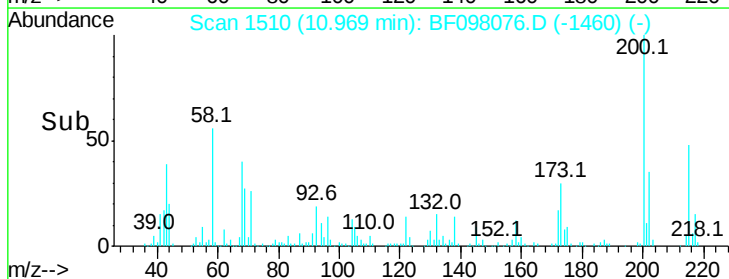
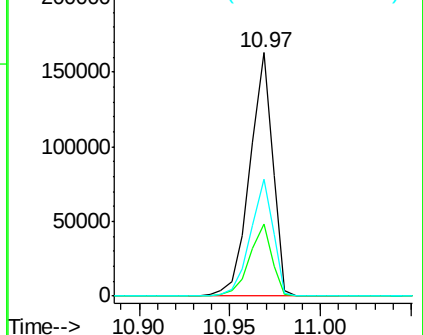
215 48.1 27.2 67.2

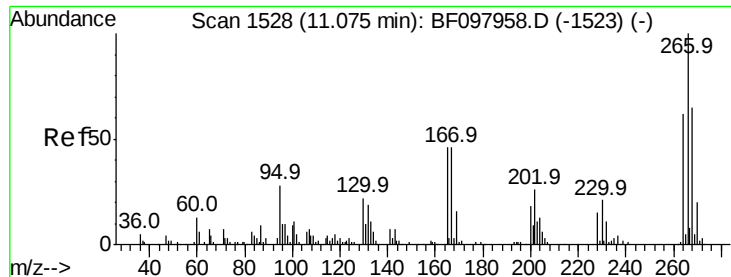


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

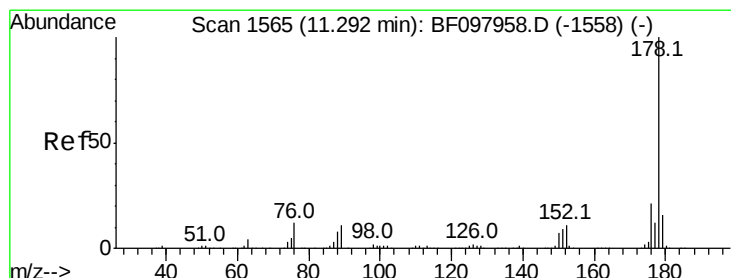
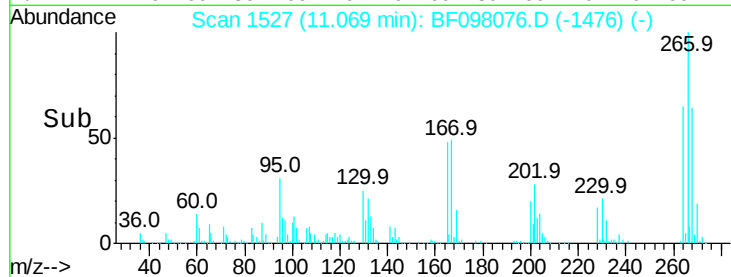
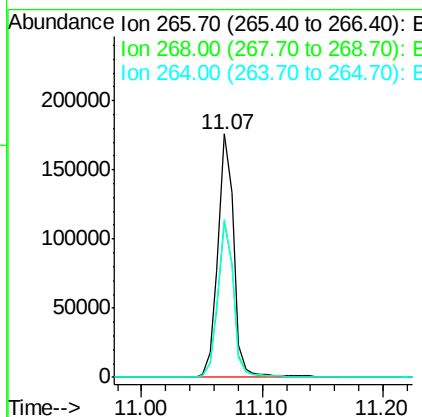
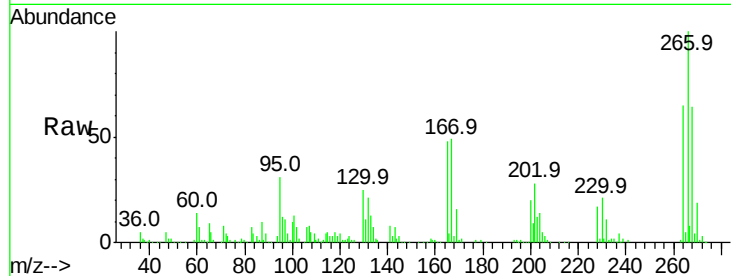




#69
 Pentachlorophenol
 Concen: 69.432 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

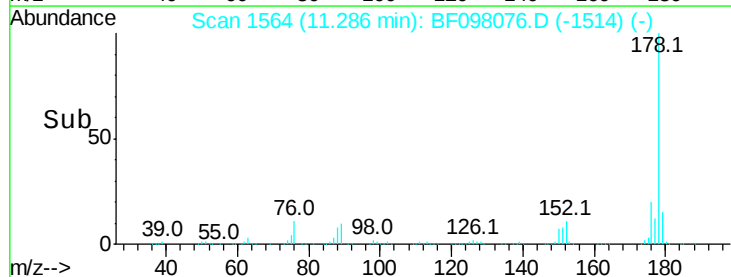
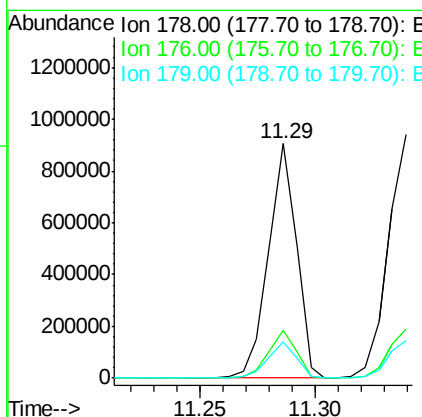
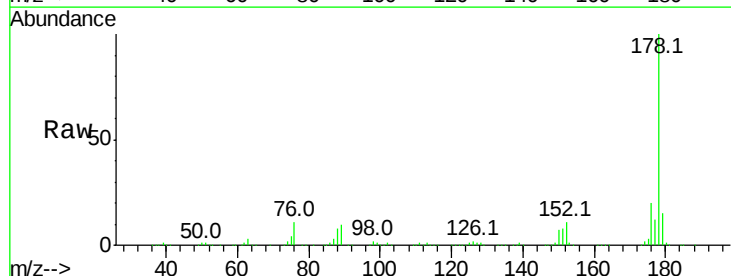
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BS

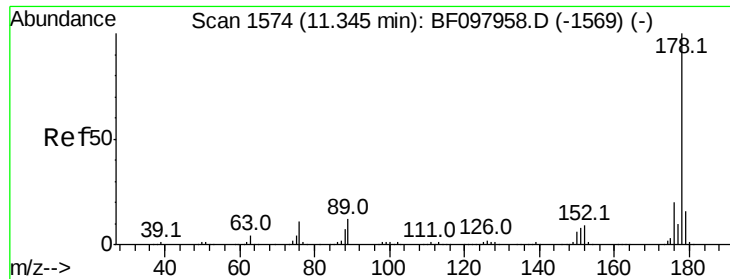
Tot Ion:266 Resp: 159784
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 64.7 51.7 77.5



#70
 Phenanthrene
 Concen: 38.718 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098076.D
 Acq: 28 Aug 2017 19:55

Tgt Ion:178 Resp: 769357
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.5 12.6 19.0





#71

Anthracene

Concen: 39.513 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

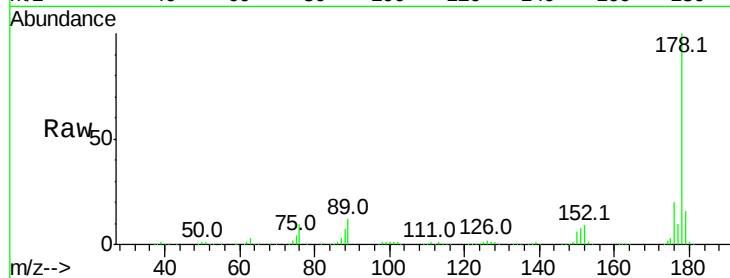
Tot Ion:178 Resp: 796358

Ion Ratio Lower Upper

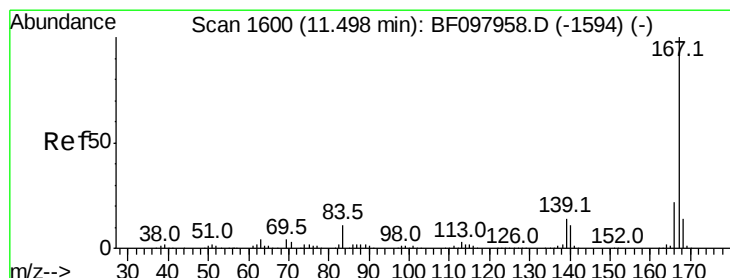
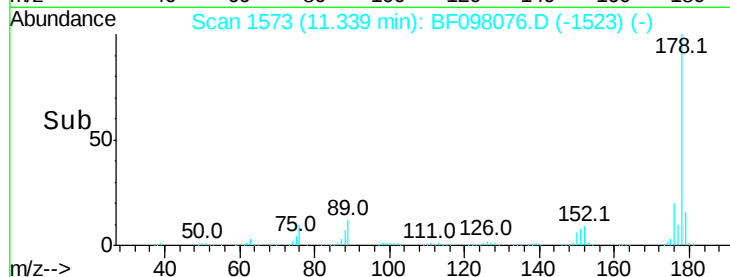
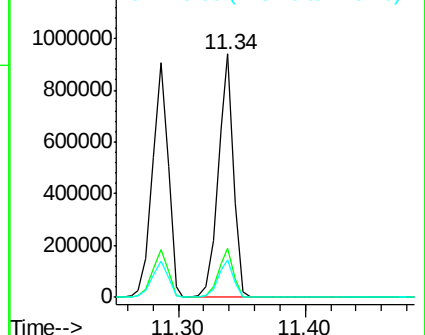
178 100

176 19.9 15.8 23.8

179 15.5 12.7 19.1



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



#72

Carbazole

Concen: 41.165 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

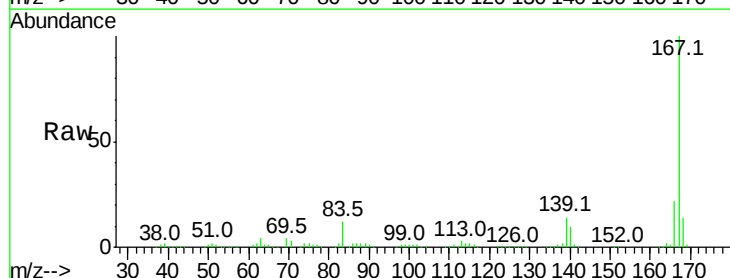
Tgt Ion:167 Resp: 787517

Ion Ratio Lower Upper

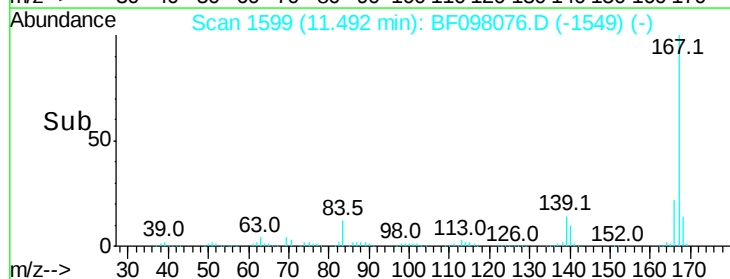
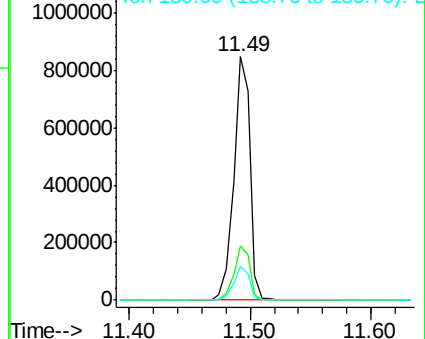
167 100

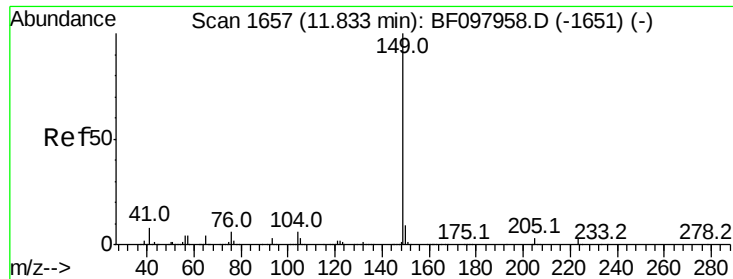
166 22.3 18.1 27.1

139 13.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.635 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

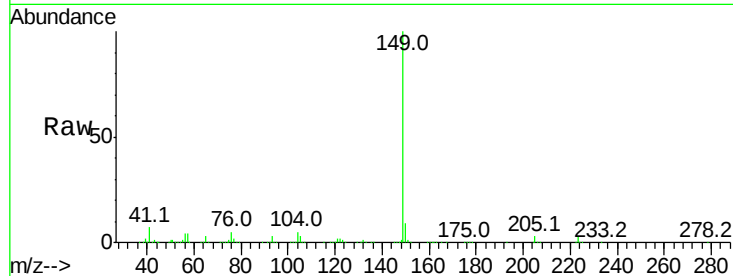
Tot Ion:149 Resp: 895427

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

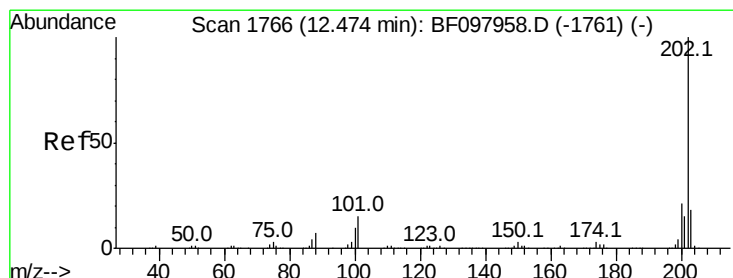
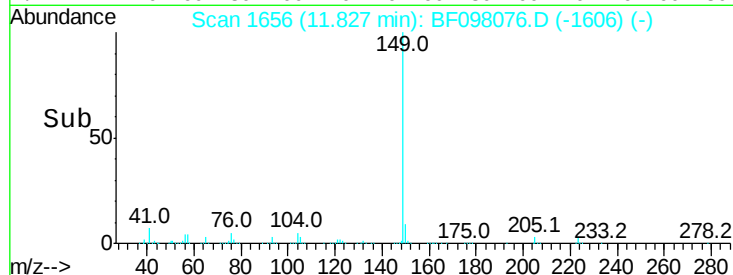
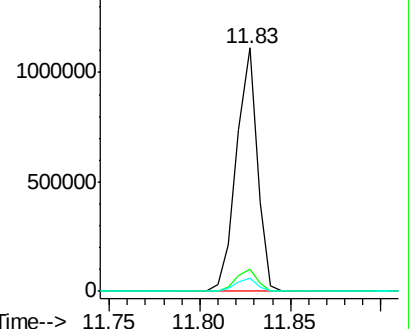
104 5.3 4.0 6.0



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: 42.146 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

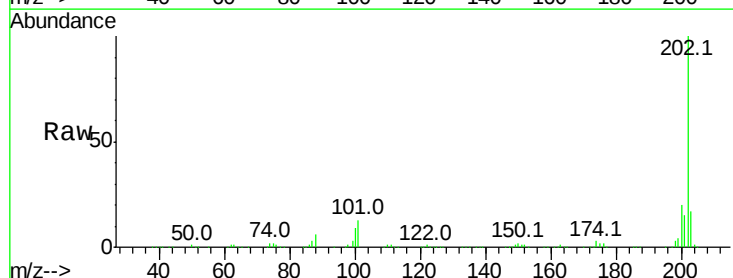
Tgt Ion:202 Resp: 874139

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

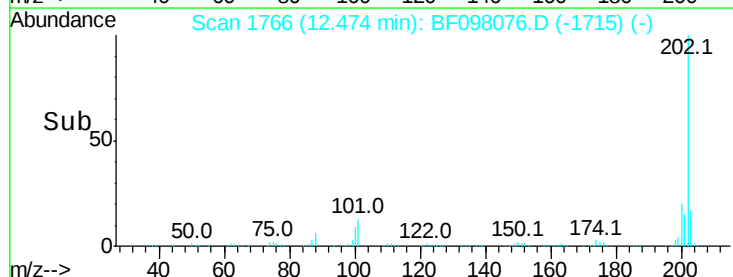
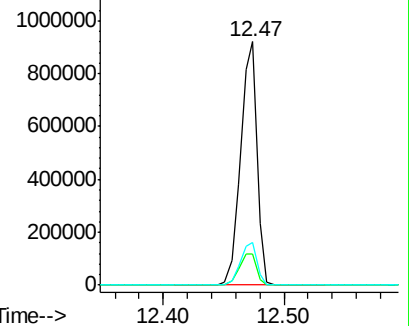
203 17.4 0.0 38.1

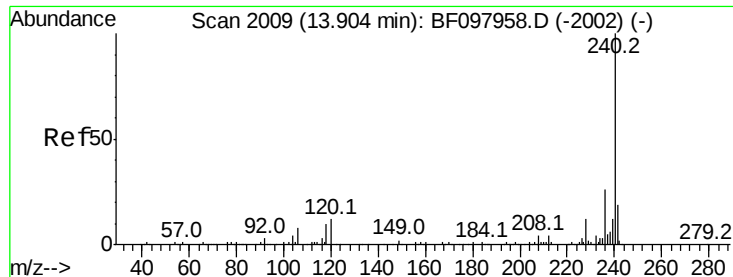


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

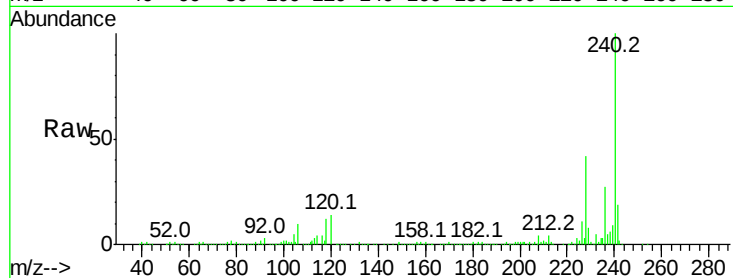
Tot Ion:240 Resp: 350515

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

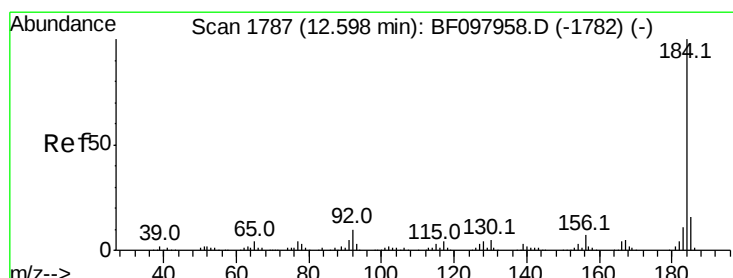
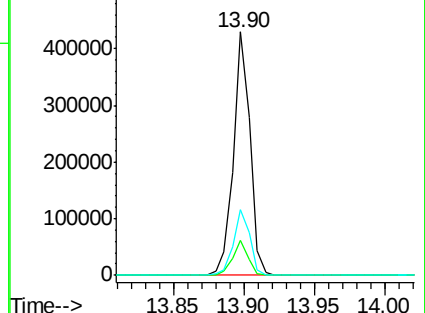
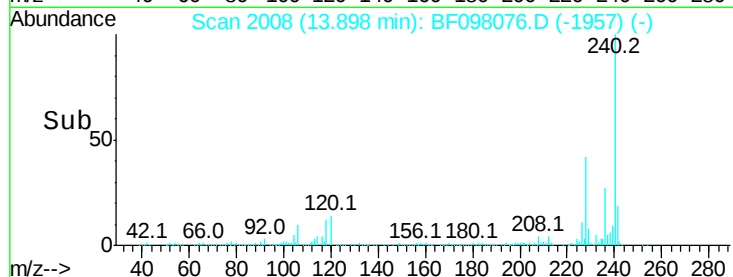
236 26.9 20.5 30.7



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: 26.476 ng m

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

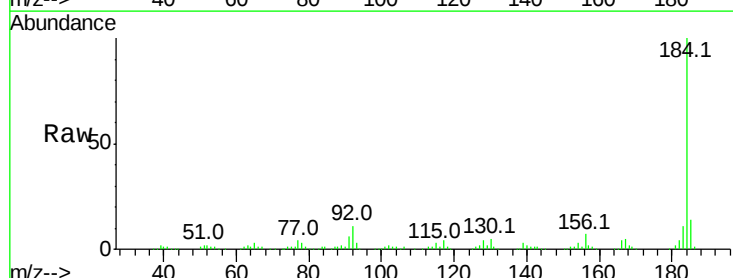
Tgt Ion:184 Resp: 304281

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

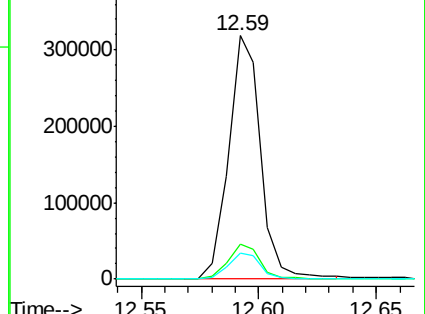
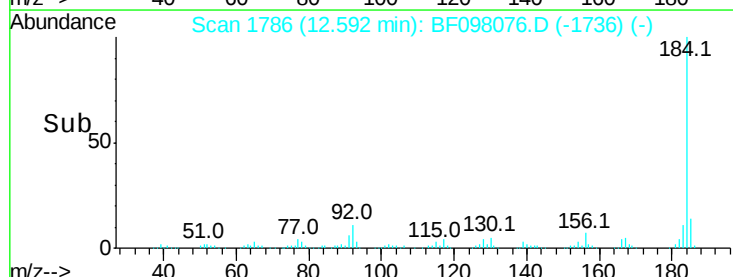
183 10.7 9.8 14.6

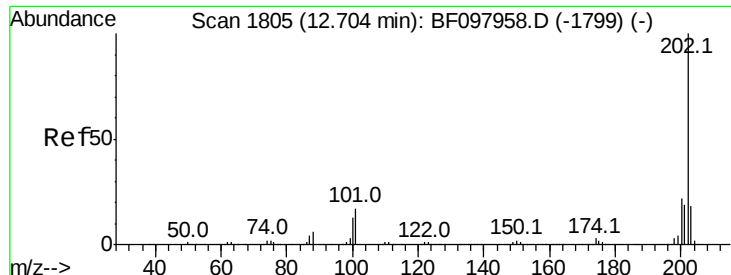


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

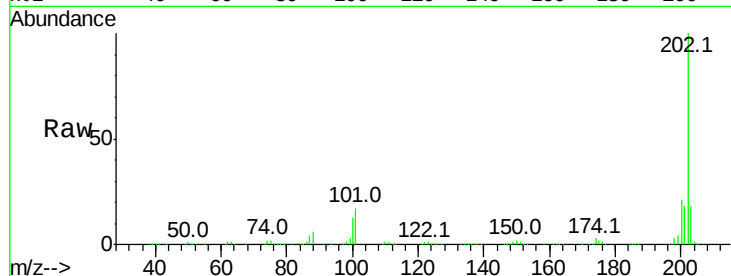




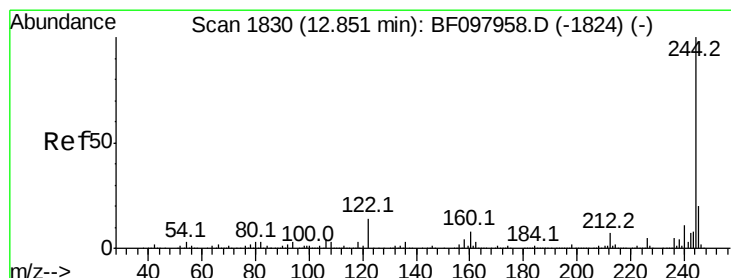
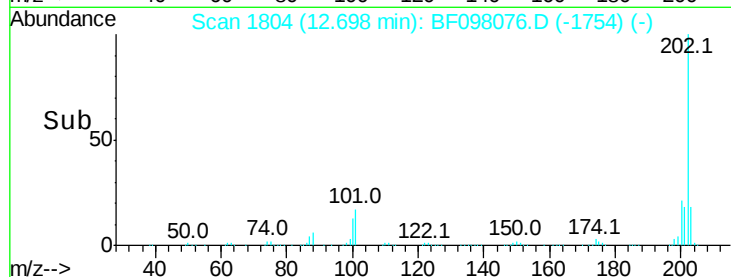
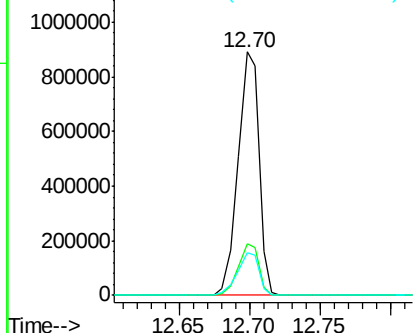
#77
Pvrene
Concen: 32.144 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Instrument :
BNA_F
ClientSampleId :
PB101859BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.6	14.4	21.6

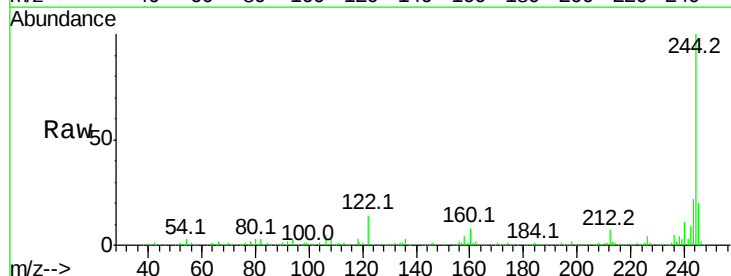


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

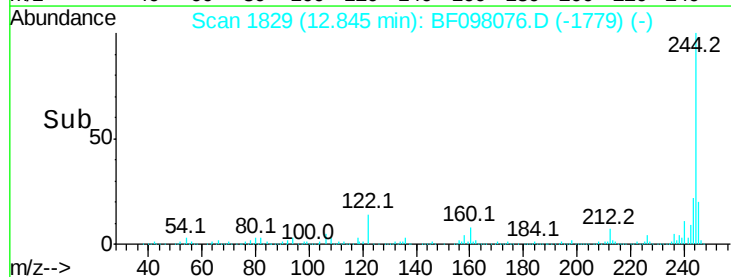
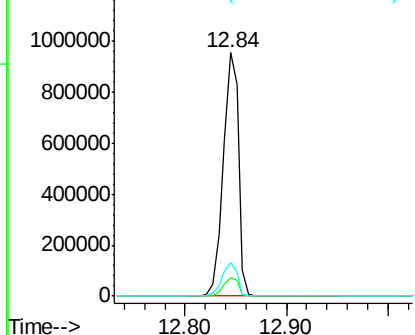


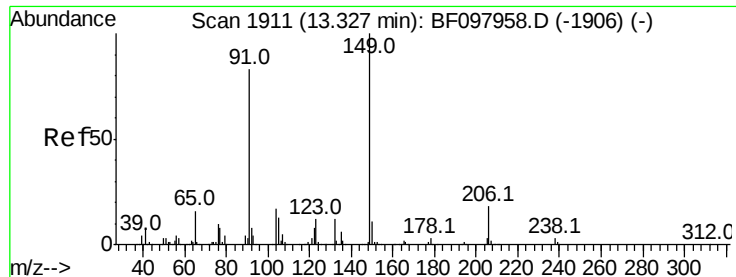
#78
Terphenyl-d14
Concen: 58.995 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.6	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

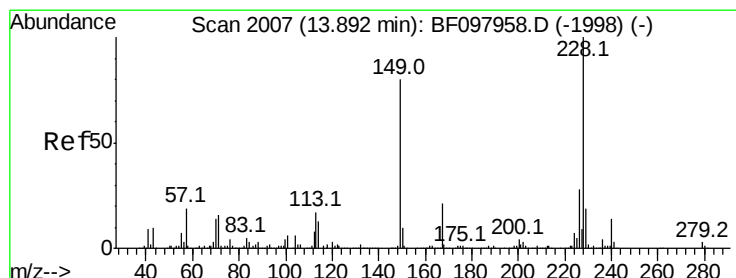
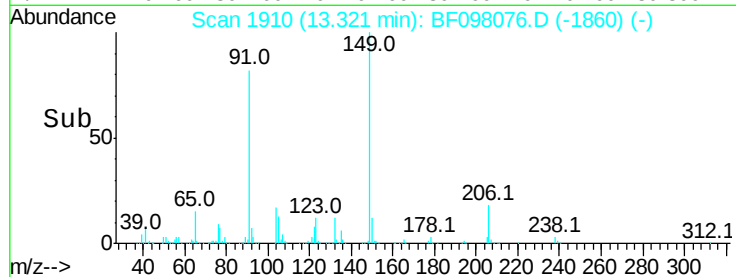
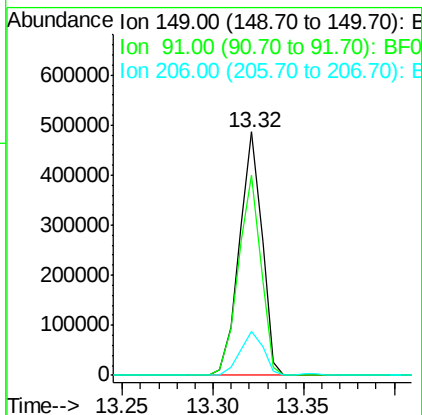
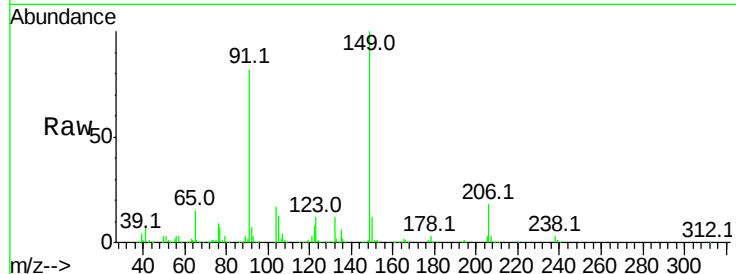




#79
Butylbenzylphthalate
Concen: 38.359 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

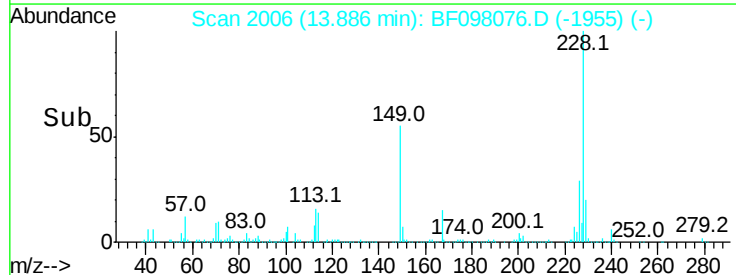
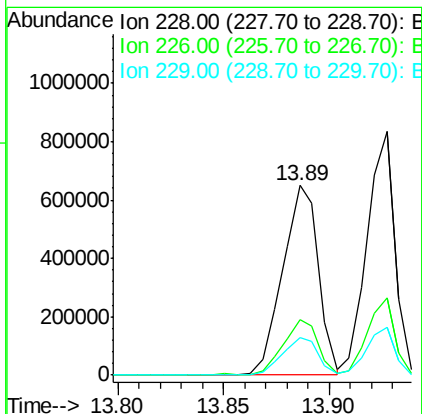
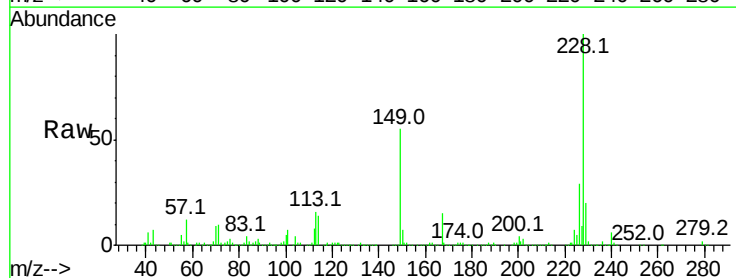
Instrument :
BNA_F
ClientSampleId :
PB101859BS

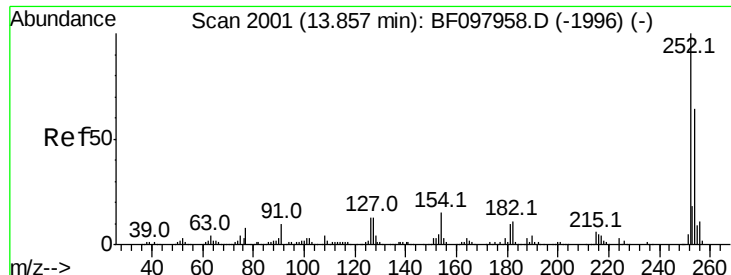
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.4	45.0	67.4#
206	18.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 36.395 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF098076.D
Acq: 28 Aug 2017 19:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.0	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 25.637 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

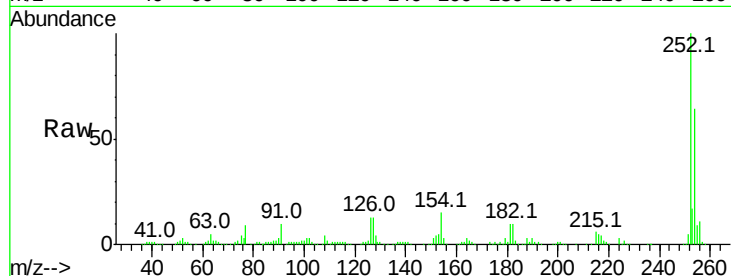
Tot Ion:252 Resp: 181735

Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

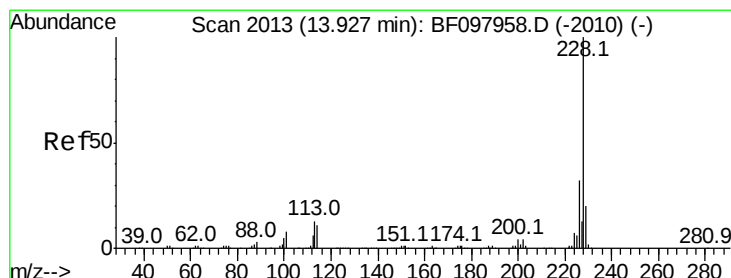
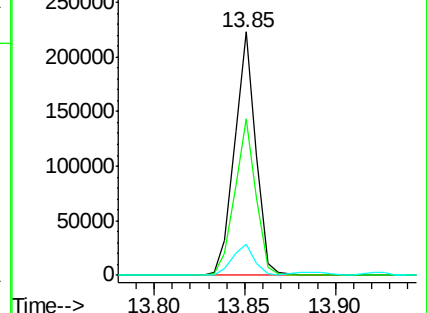
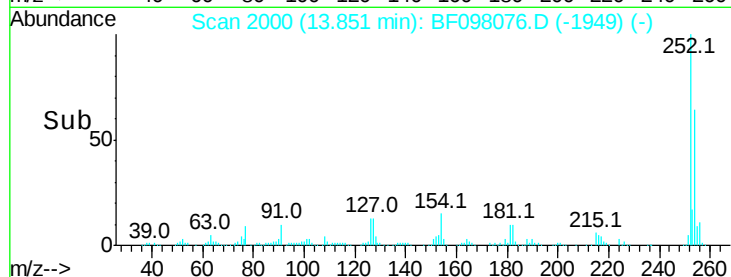
126 12.6 15.8 23.8#



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: 36.776 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

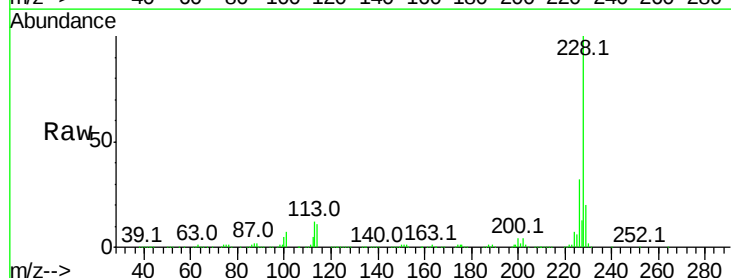
Tgt Ion:228 Resp: 768544

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

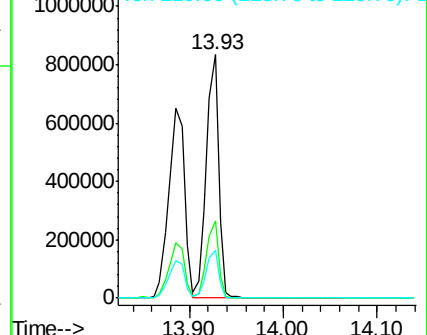
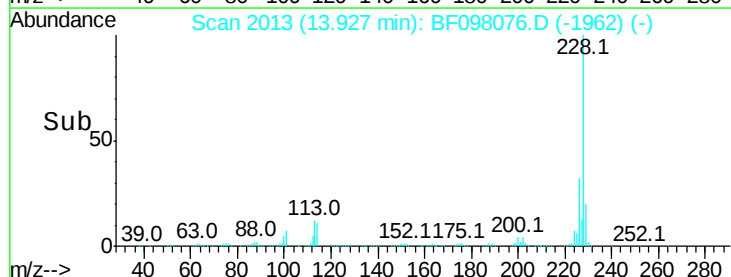
229 19.6 15.8 23.6

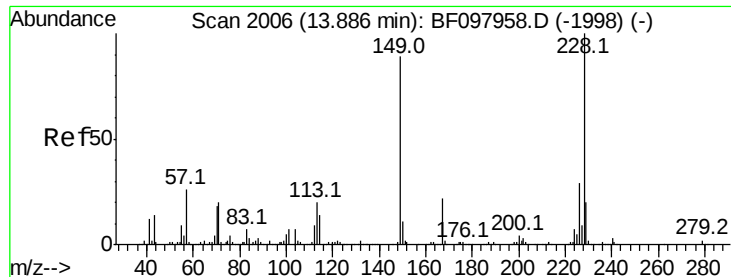


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.901 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

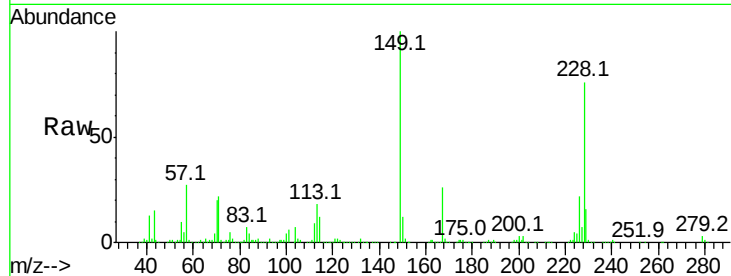
Tot Ion:149 Resp: 498162

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

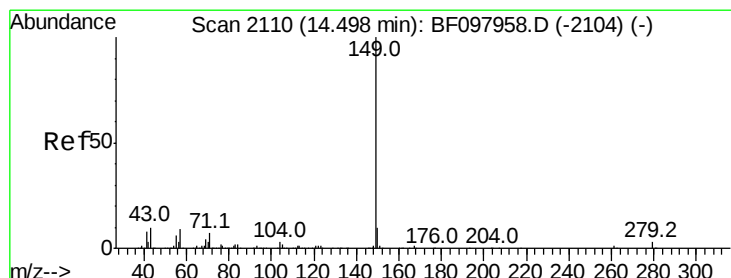
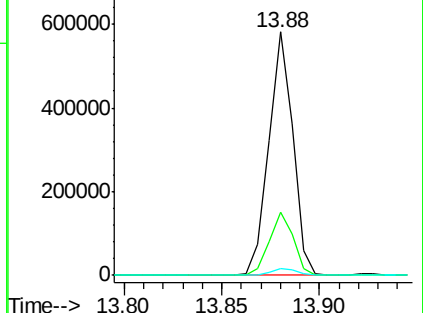
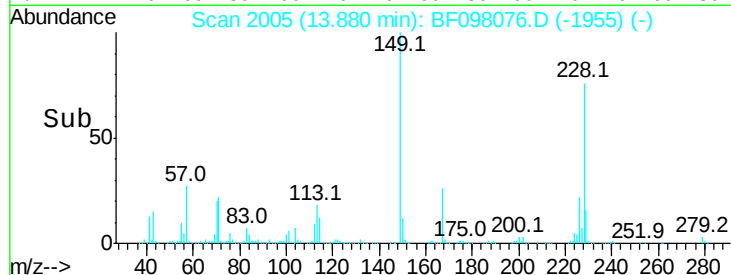
279 2.8 1.9 2.9



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: 46.162 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

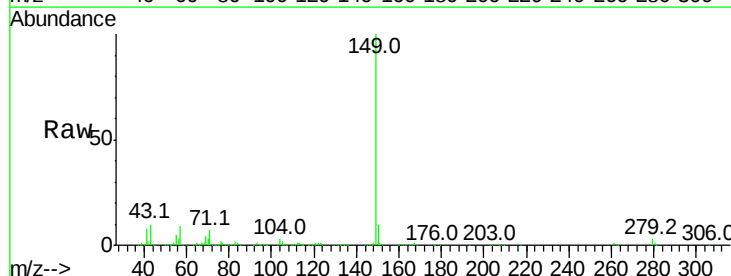
Tgt Ion:149 Resp: 978272

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

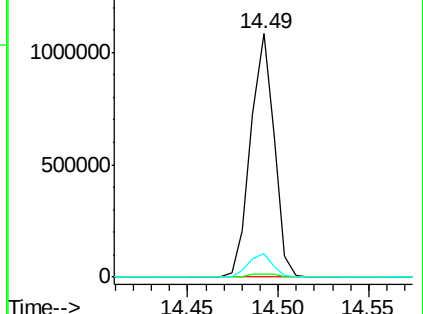
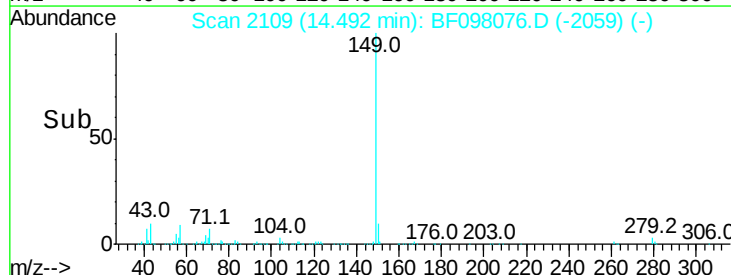
43 9.7 8.5 12.7

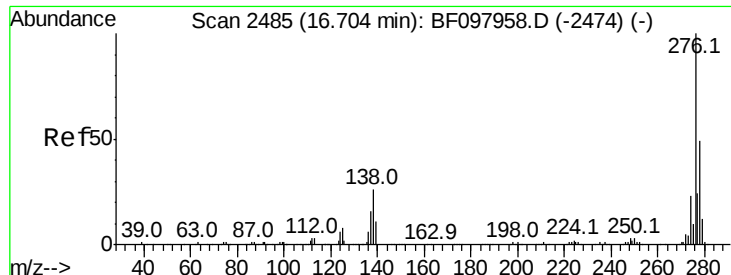


Abundance Ion 149.00 (148.70 to 149.70): E

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: 49.006 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.02 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

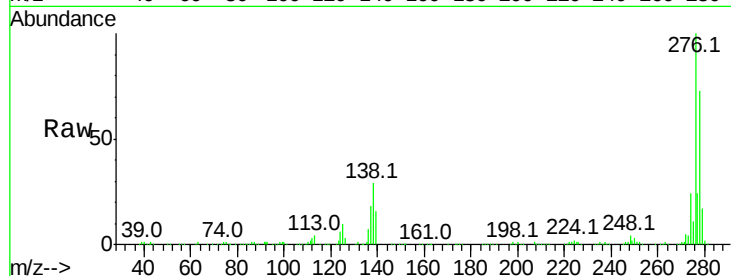
Tot Ion:276 Resp: 753389

Ion Ratio Lower Upper

276 100

138 29.2 27.8 41.6

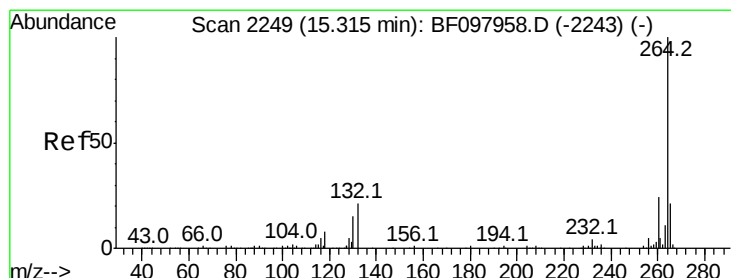
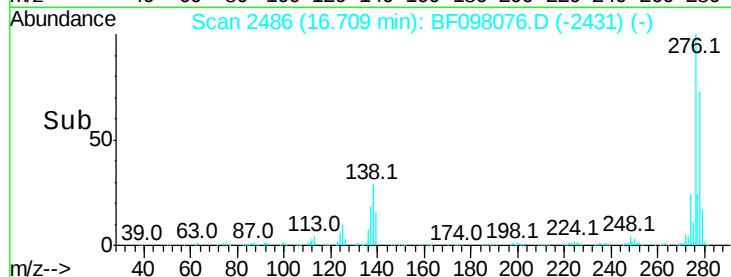
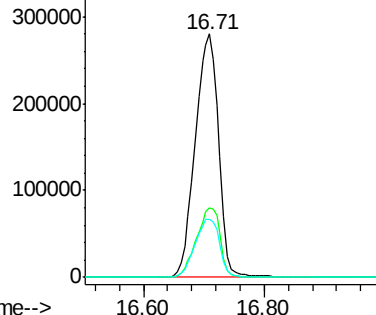
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

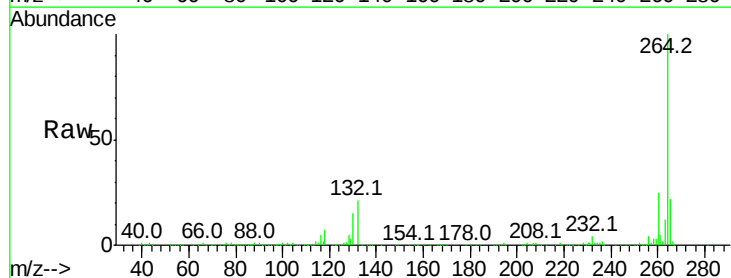
Tgt Ion:264 Resp: 326859

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

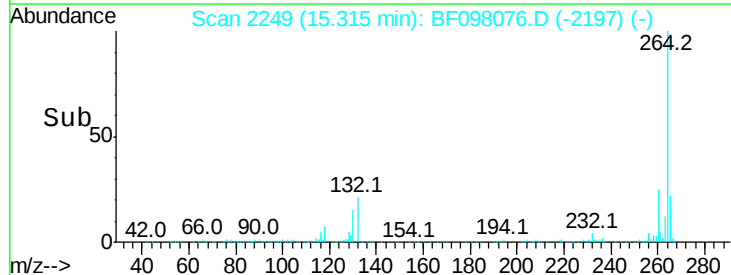
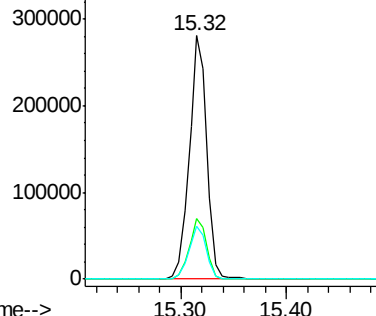
265 21.6 17.2 25.8

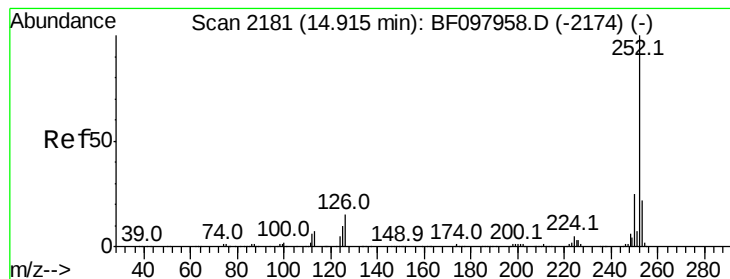


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.501 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

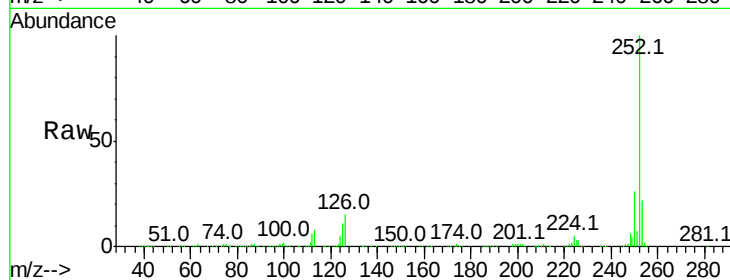
Tot Ion:252 Resp: 793231

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

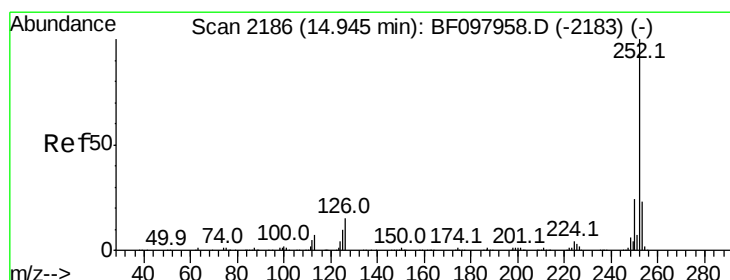
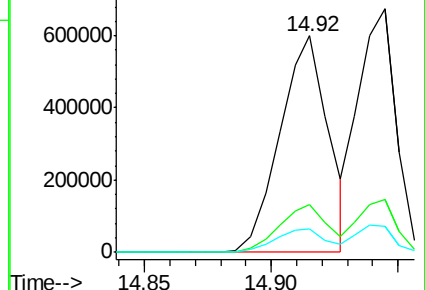
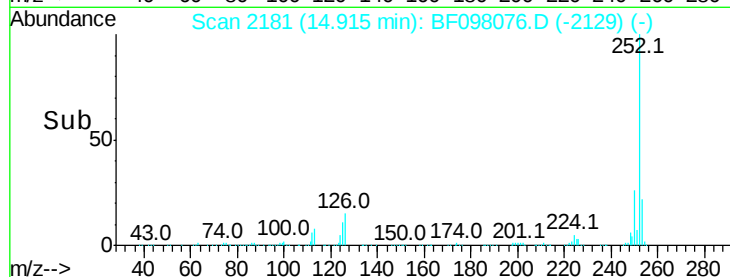
125 11.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.558 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

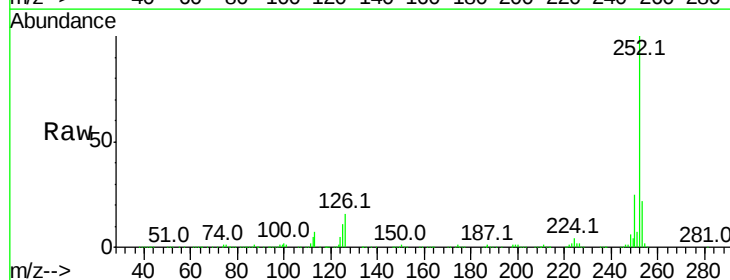
Tgt Ion:252 Resp: 707638

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

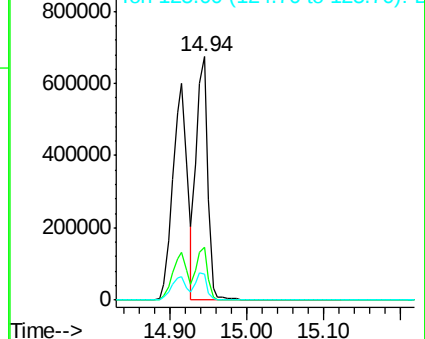
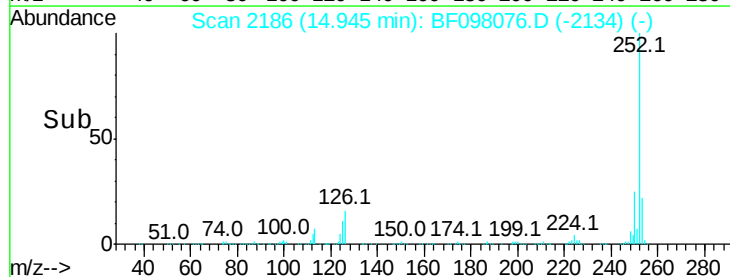
125 10.8 13.1 19.7#

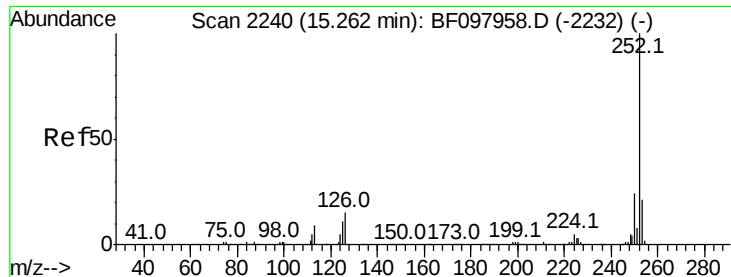


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.522 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

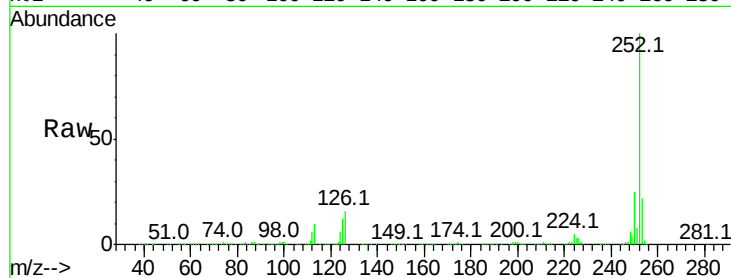
Tot Ion:252 Resp: 739086

Ion Ratio Lower Upper

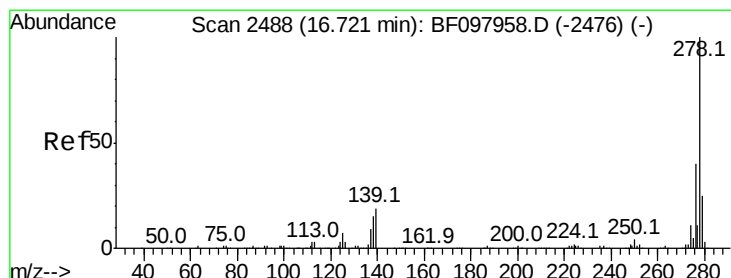
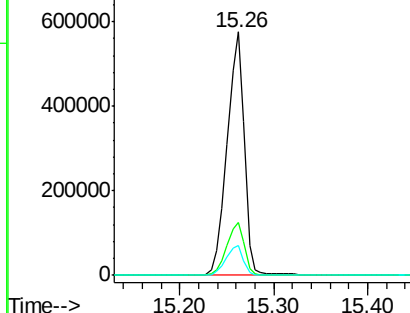
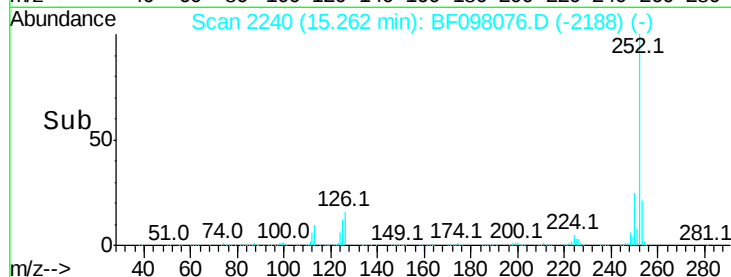
252 100

253 21.5 17.5 26.3

125 12.3 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 41.223 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

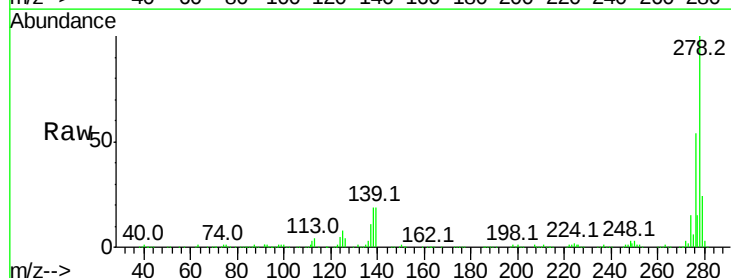
Tgt Ion:278 Resp: 612108

Ion Ratio Lower Upper

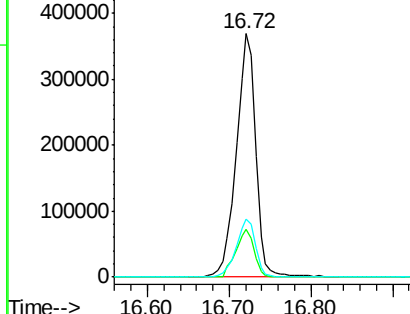
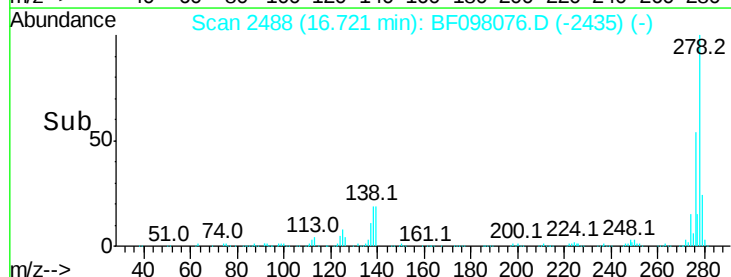
278 100

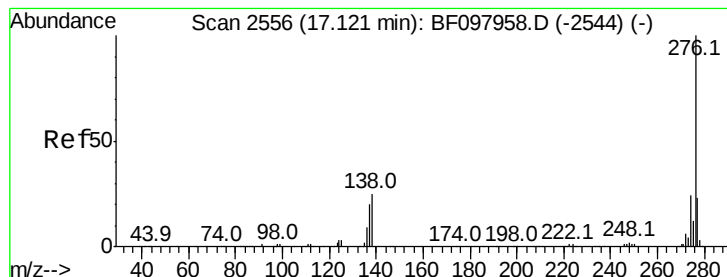
139 19.4 16.6 24.8

279 23.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.444 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF098076.D

Acq: 28 Aug 2017 19:55

Instrument :

BNA_F

ClientSampleId :

PB101859BS

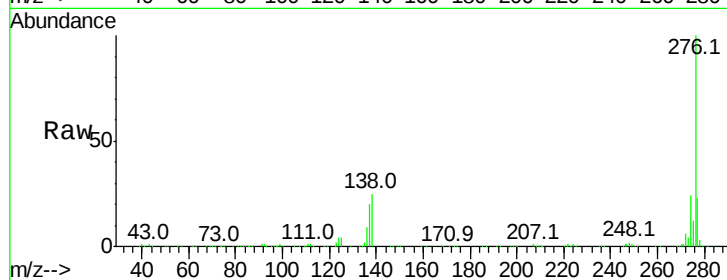
Tot Ion:276 Resp: 642114

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 25.4 25.4 38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

