

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097159.D
 Acq On : 28 Jul 2017 17:44
 Operator : SJ/JU
 Sample : PB101003BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Quant Time: Jul 28 22:41:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	98251	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	434728	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	187801	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	315695	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	218716	20.00	ng	-0.01
86) Perylene-d12	14.96	264	155615	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	684055	104.96	ng	0.00
7) Phenol-d6	6.16	99	811627	109.08	ng	-0.01
23) Nitrobenzene-d5	7.06	82	551559	74.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	169749	114.40	ng	-0.01
44) 2-Fluorobiphenyl	8.85	172	844646	76.33	ng	-0.02
78) Terphenyl-d14	12.57	244	747962	69.72	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	96728	35.56	ng	# 74
3) Pyridine	2.72	79	272411	32.71	ng	# 63
4) n-Nitrosodimethylamine	2.66	42	158949	34.45	ng	# 82
6) Aniline	6.15	93	199715	21.33	ng	# 74
8) 2-Chlorophenol	6.28	128	247458	35.51	ng	99
9) Benzaldehyde	6.03	77	187610	42.60	ng	97
10) Phenol	6.17	94	297800	33.74	ng	95
11) bis(2-Chloroethyl)ether	6.23	93	226135	32.40	ng	91
12) 1,3-Dichlorobenzene	6.43	146	240322	32.00	ng	100
13) 1,4-Dichlorobenzene	6.50	146	253585	34.07	ng	95
14) 1,2-Dichlorobenzene	6.66	146	225114	34.64	ng	97
15) Benzyl Alcohol	6.65	79	180386	38.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	536131	38.29	ng	60
17) 2-Methylphenol	6.77	107	205401	38.19	ng	# 89
18) Hexachloroethane	6.99	117	103519	38.02	ng	# 75
19) n-Nitroso-di-n-propylamine	6.92	70	194111	39.63	ng	# 82
20) 3+4-Methylphenols	6.93	107	297795	42.39	ng	# 61
22) Acetophenone	6.90	105	370055	35.45	ng	98
24) Nitrobenzene	7.07	77	275627	35.71	ng	94
25) Isophorone	7.32	82	496669	34.22	ng	97
26) 2-Nitrophenol	7.39	139	148199	35.49	ng	# 86
27) 2,4-Dimethylphenol	7.45	122	241511	35.06	ng	97
28) bis(2-Chloroethoxy)methane	7.53	93	338651	35.76	ng	98
29) 2,4-Dichlorophenol	7.65	162	215850	36.38	ng	97
30) 1,2,4-Trichlorobenzene	7.72	180	196065	34.67	ng	96
31) Naphthalene	7.79	128	717436	35.01	ng	100
32) Benzoic acid	7.60	122	172190	33.48	ng	95
33) 4-Chloroaniline	7.85	127	163567	19.62	ng	97
34) Hexachlorobutadiene	7.92	225	98392	32.81	ng	99
35) Caprolactam	8.22	113	43335	22.78	ng	# 61
36) 4-Chloro-3-methylphenol	8.36	107	208788	32.25	ng	89
37) 2-Methylnaphthalene	8.49	142	470348	36.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	161334	32.20	ng	99
40) Hexachlorocyclopentadiene	8.64	237	94519	56.09	ng	99

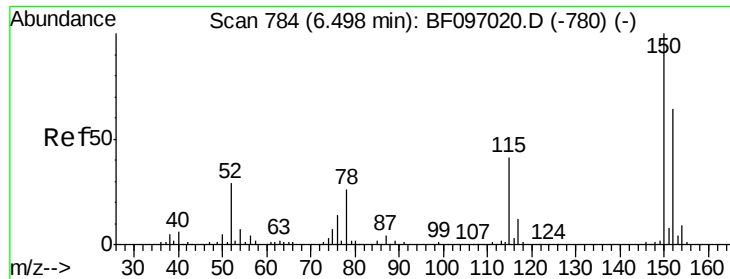
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	121274	33.40	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	126608	34.83	nq	94
45) 1,1'-Biphenyl	8.95	154	519529	32.39	nq	98
46) 2-Chloronaphthalene	8.97	162	402752	34.12	nq	93
47) 2-Nitroaniline	9.07	65	144701	33.78	nq	92
48) Acenaphthylene	9.38	152	647273	35.72	nq	99
49) Dimethylphthalate	9.26	163	485852	34.07	nq	100
50) 2,6-Dinitrotoluene	9.32	165	105557	34.90	nq	# 74
51) Acenaphthene	9.55	154	369290	34.60	nq	98
52) 3-Nitroaniline	9.48	138	89568	23.86	nq	99
53) 2,4-Dinitrophenol	9.60	184	95850	69.69	nq	# 76
54) Dibenzofuran	9.72	168	542012	38.13	nq	97
55) 4-Nitrophenol	9.67	139	144961	64.93	nq	# 57
56) 2,4-Dinitrotoluene	9.73	165	129679	37.29	nq	# 74
57) Fluorene	10.06	166	425756	39.85	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	93454	37.24	nq	# 97
59) Diethylphthalate	9.96	149	476519	36.42	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	179602	40.71	nq	99
61) 4-Nitroaniline	10.10	138	131337	36.82	nq	92
62) Azobenzene	10.22	77	449577	37.04	nq	91
64) 4,6-Dinitro-2-methylphenol	10.14	198	70916	36.15	nq	81
65) n-Nitrosodiphenylamine	10.18	169	391369	35.63	nq	97
66) 4-Bromophenyl-phenylether	10.55	248	111463	35.38	nq	98
67) Hexachlorobenzene	10.62	284	117299	33.20	nq	# 93
68) Atrazine	10.72	200	111107	35.27	nq	94
69) Pentachlorophenol	10.82	266	106693	72.99	nq	98
70) Phenanthrene	11.02	178	622862	36.82	nq	99
71) Anthracene	11.07	178	647154	37.35	nq	98
72) Carbazole	11.23	167	617067	36.22	nq	100
73) Di-n-butylphthalate	11.57	149	785200	37.28	nq	99
74) Fluoranthene	12.20	202	628395	37.92	nq	99
76) Benzidine	12.32	184	89870	11.07	nq	# 94
77) Pyrene	12.42	202	633368	35.37	nq	99
79) Butylbenzylphthalate	13.05	149	353695	38.83	nq	# 77
80) Benzo(a)anthracene	13.60	228	510968	36.11	nq	98
81) 3,3'-Dichlorobenzidine	13.57	252	146701	27.49	nq	# 95
82) Chrysene	13.64	228	491577	35.57	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	435756	36.64	nq	99
84) Di-n-octyl phthalate	14.23	149	689571	31.60	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.19	276	362911	30.63	nq	98
87) Benzo(b)fluoranthene	14.60	252	361064	38.60	nq	97
88) Benzo(k)fluoranthene	14.63	252	351724	39.46	nq	97
89) Benzo(a)pyrene	14.91	252	322641	37.69	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	298731	42.55	nq	98
91) Benzo(g,h,i)perylene	16.55	276	325828	44.26	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF097159.D

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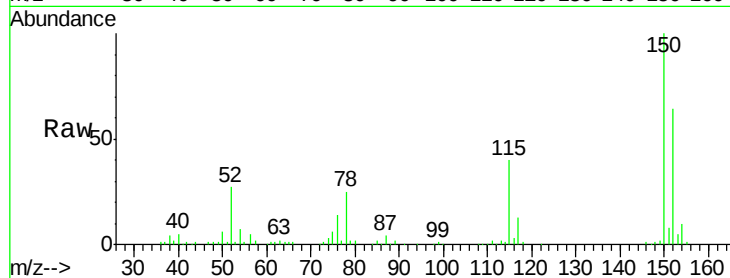
Tot Ion:152 Resp: 98251

Ion Ratio Lower Upper

152 100

150 156.0 126.2 189.2

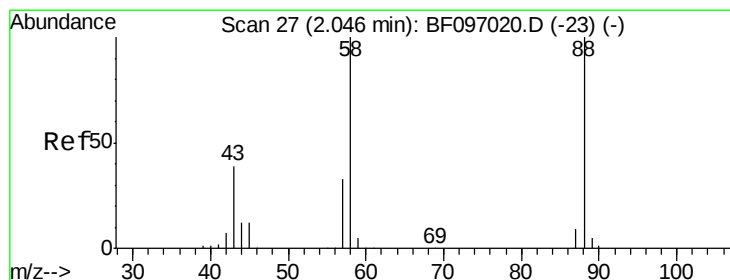
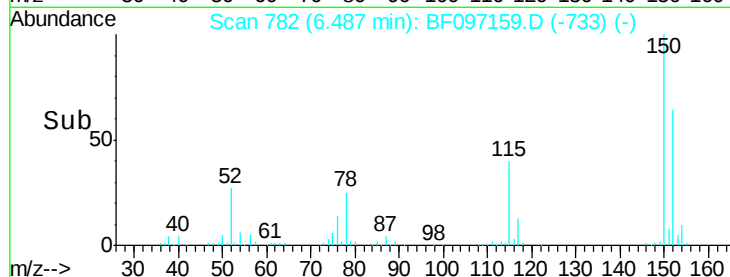
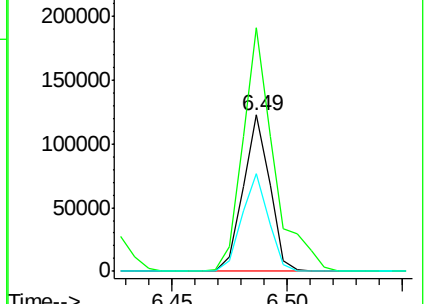
115 62.6 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.56 ng

RT: 2.09 min Scan# 35

Delta R.T. 0.05 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

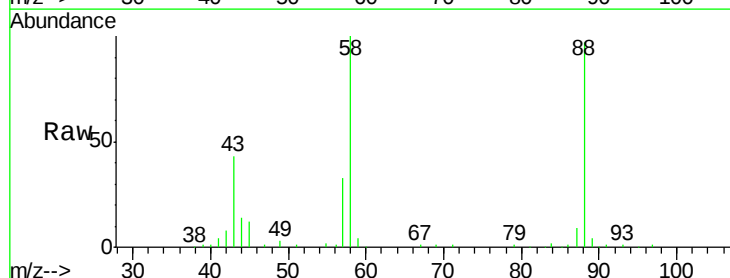
Tgt Ion: 88 Resp: 96728

Ion Ratio Lower Upper

88 100

58 100.0 61.4 92.0#

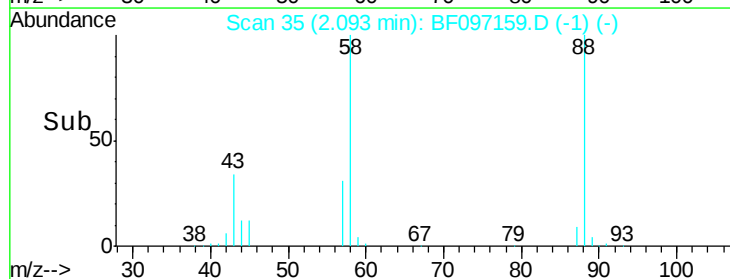
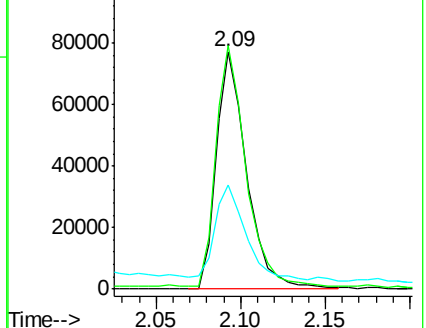
43 42.0 23.4 35.0#

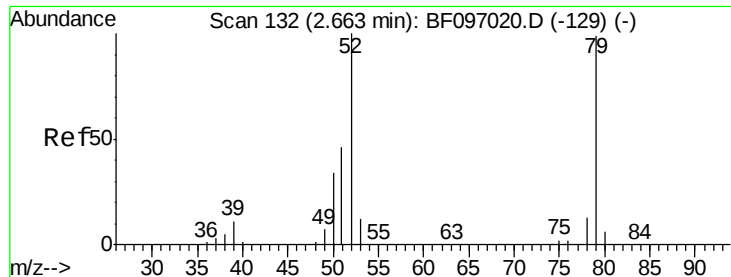


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

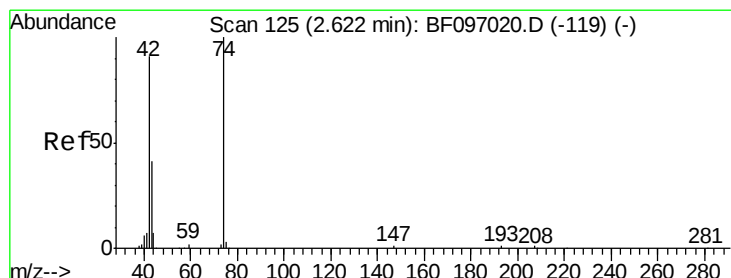
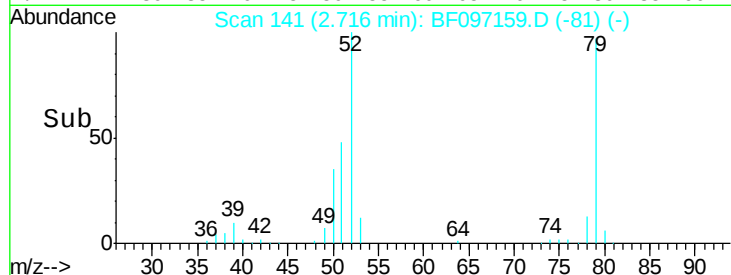
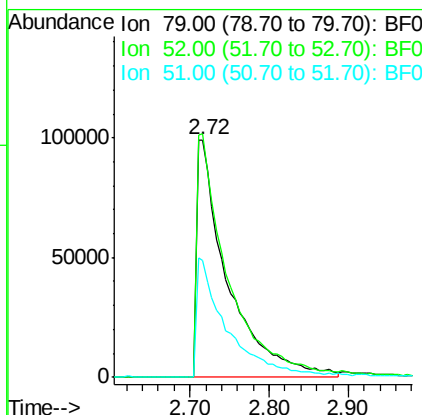
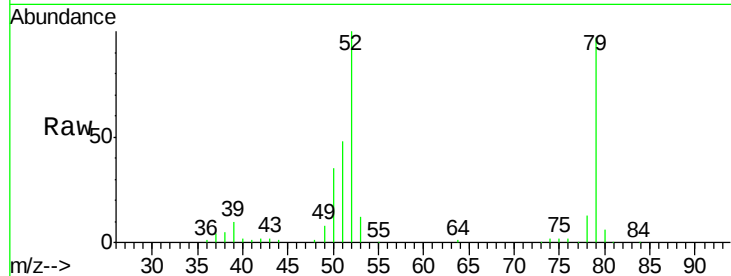




#3
 Pvridine
 Concen: 32.71 ng
 RT: 2.72 min Scan# 141
 Delta R.T. 0.05 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

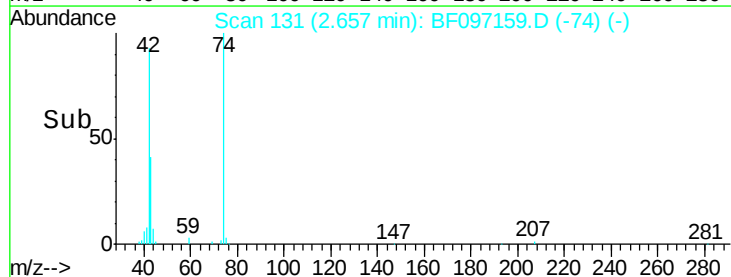
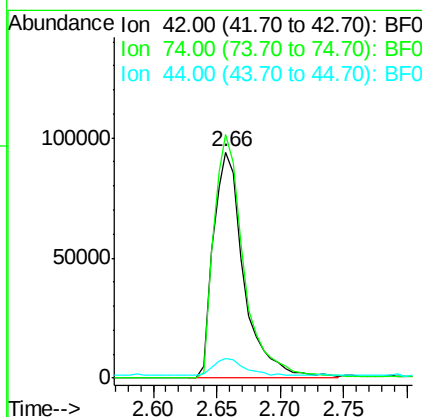
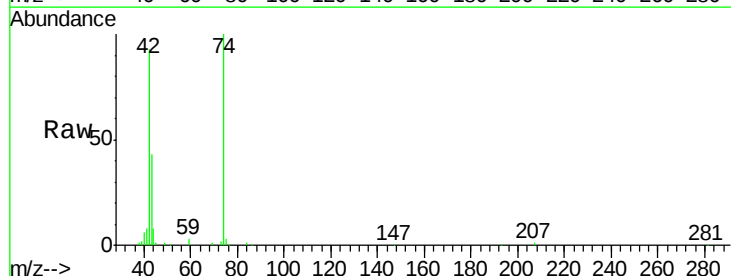
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

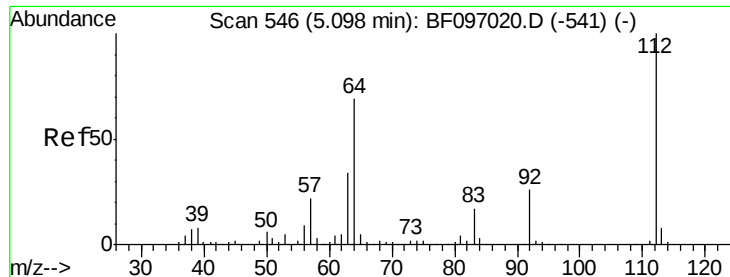
Tot Ion: 79 Resp: 272411
 Ion Ratio Lower Upper
 79 100
 52 102.6 54.8 82.2#
 51 49.2 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 34.45 ng
 RT: 2.66 min Scan# 131
 Delta R.T. 0.04 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion: 42 Resp: 158949
 Ion Ratio Lower Upper
 42 100
 74 107.7 103.9 155.9
 44 8.5 5.7 8.5#





#5

2-Fluorophenol

Concen: 104.96 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

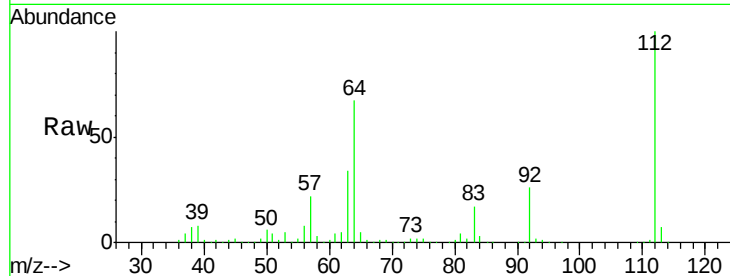
Tot Ion: 112 Resp: 684055

Ion Ratio Lower Upper

112 100

64 67.3 46.0 69.0

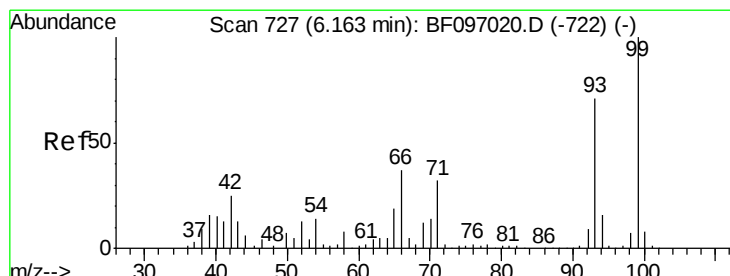
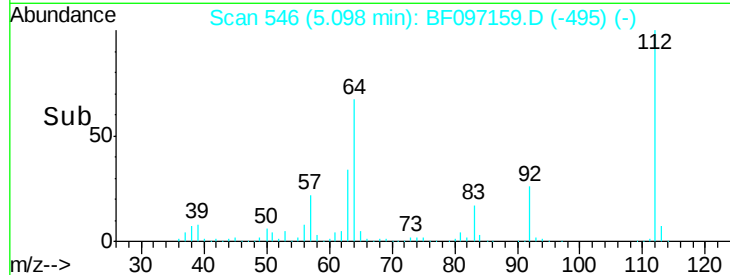
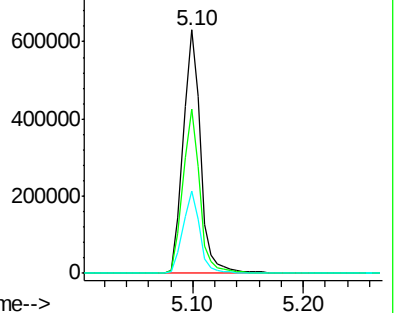
63 33.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.33 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

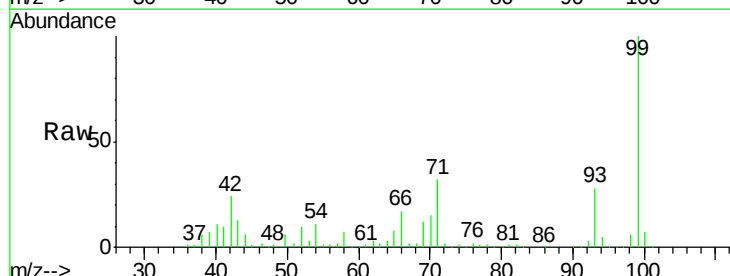
Tgt Ion: 93 Resp: 199715

Ion Ratio Lower Upper

93 100

66 60.5 32.9 49.3#

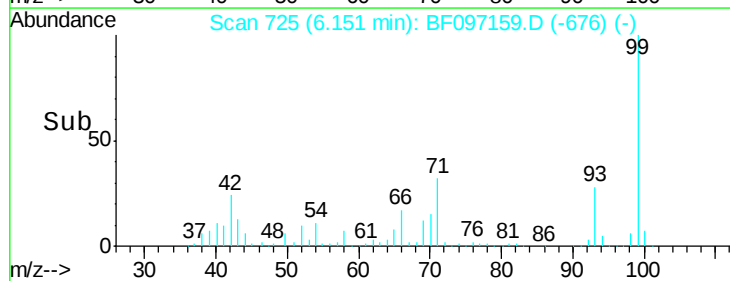
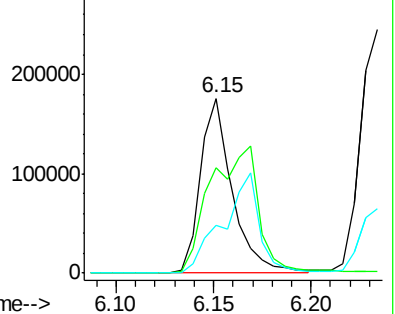
65 27.3 16.0 24.0#

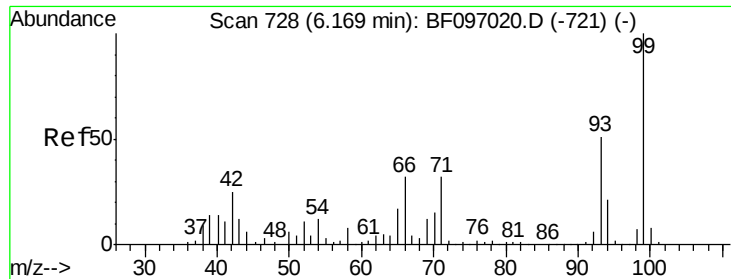


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.08 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

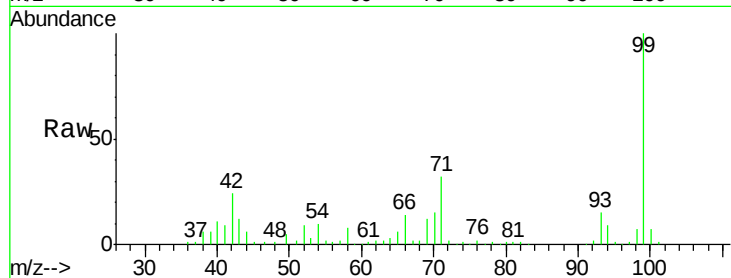
Tot Ion: 99 Resp: 811627

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

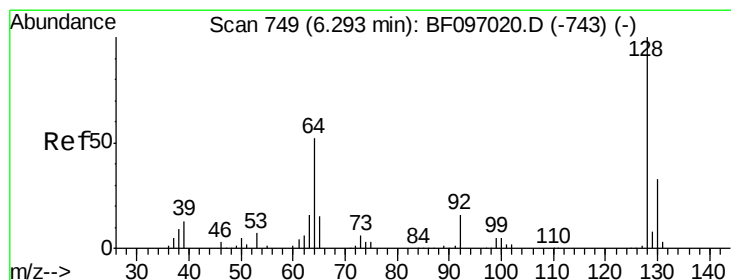
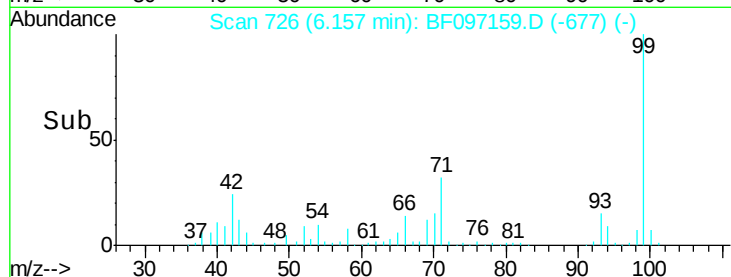
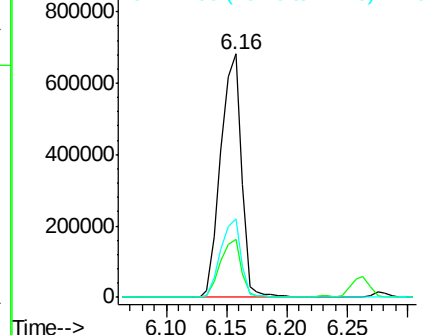
71 32.0 24.5 36.7



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: 35.51 ng

RT: 6.28 min Scan# 747

Delta R.T. -0.01 min

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Acq: 28 Jul 2017 17:44

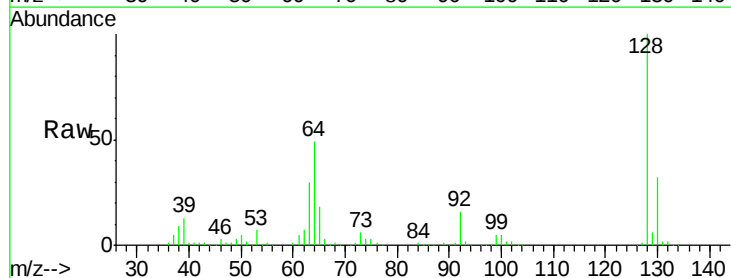
Tgt Ion: 128 Resp: 247458

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

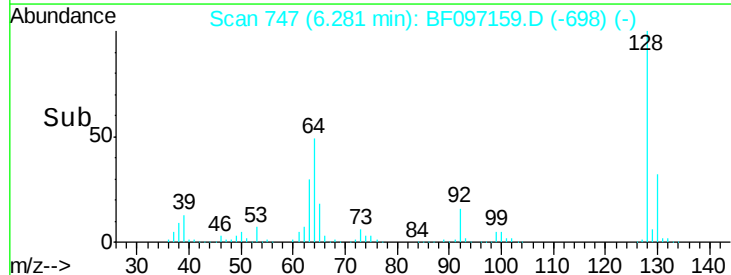
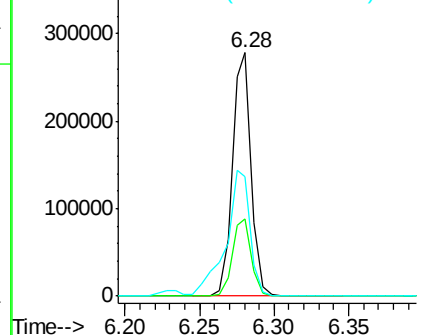
64 49.2 28.4 68.4

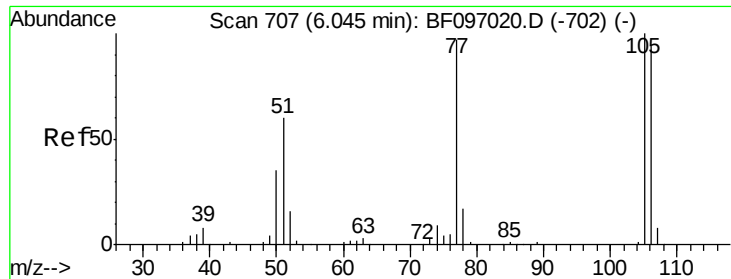


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

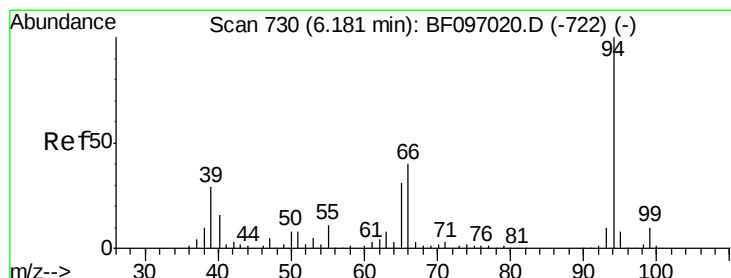
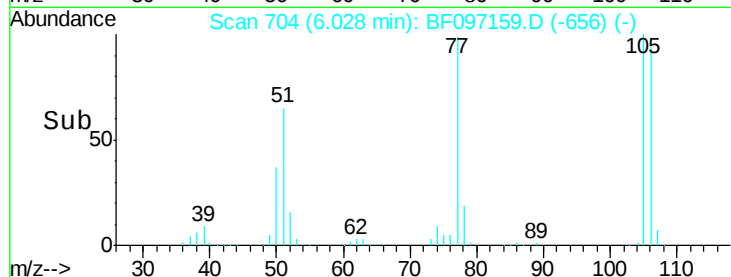
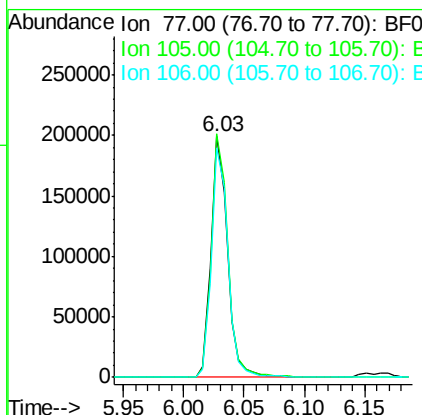
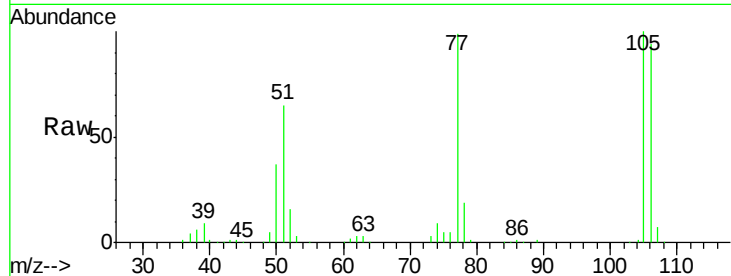




#9
Benzaldehyde
Concen: 42.60 ng
RT: 6.03 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

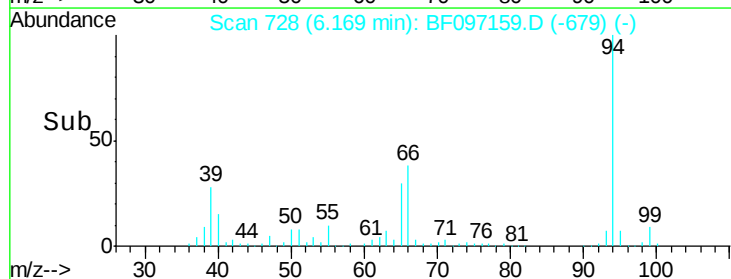
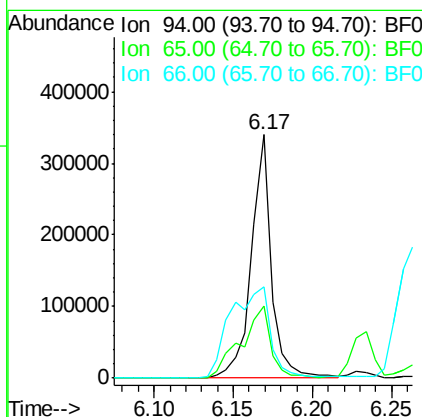
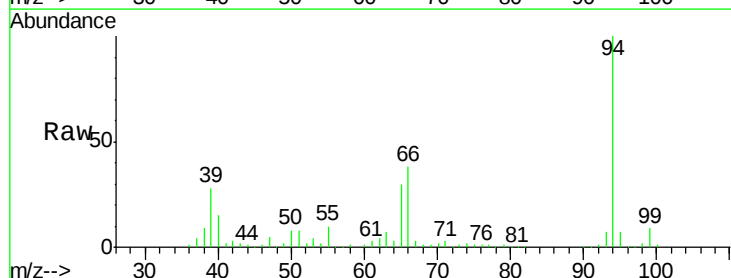
Instrument :
BNA_F
ClientSampleId :
PB101003BS

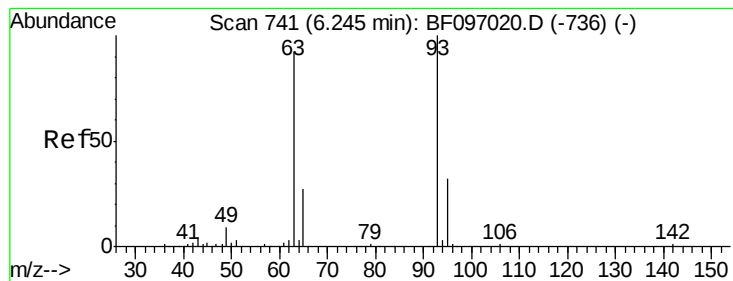
Tot Ion: 77 Resp: 187610
Ion Ratio Lower Upper
77 100
105 101.1 83.8 123.8
106 95.3 79.1 119.1



#10
Phenol
Concen: 33.74 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion: 94 Resp: 297800
Ion Ratio Lower Upper
94 100
65 29.8 9.9 49.9
66 37.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 32.40 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

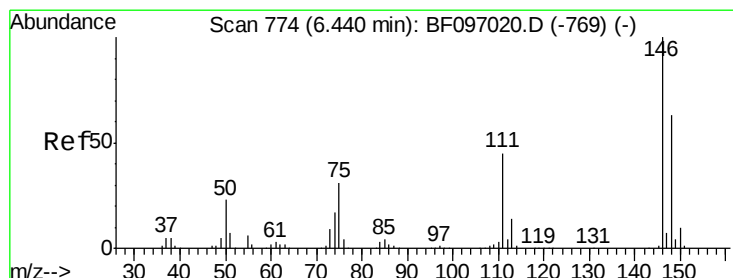
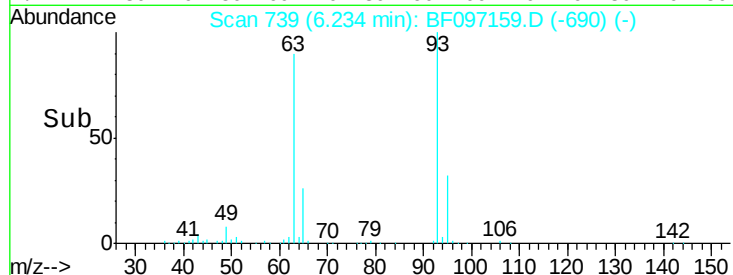
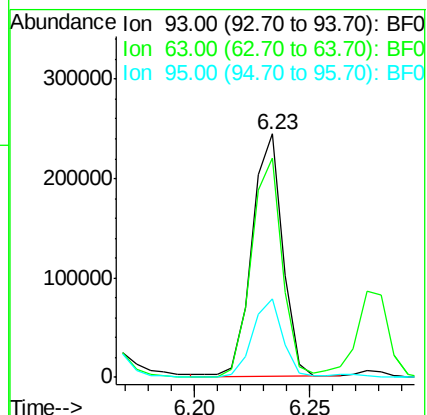
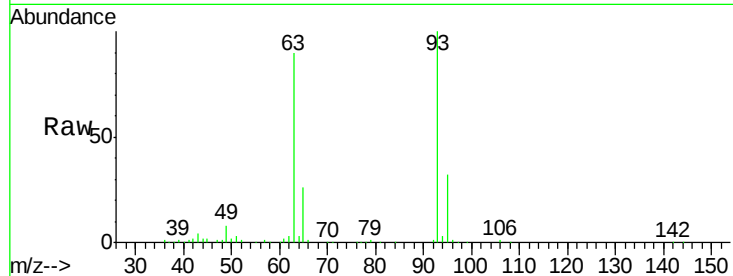
Tot Ion: 93 Resp: 226135

Ion Ratio Lower Upper

93 100

63 89.8 59.2 99.2

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 32.00 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

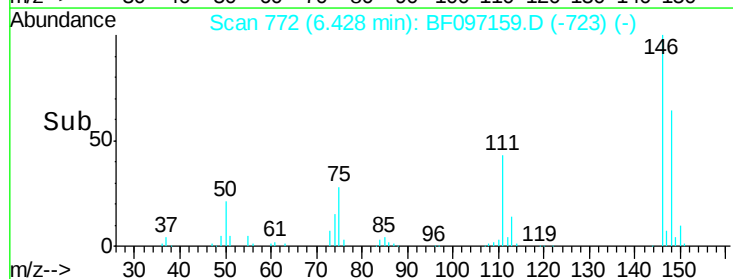
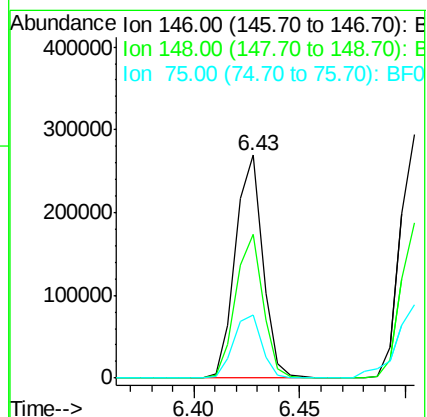
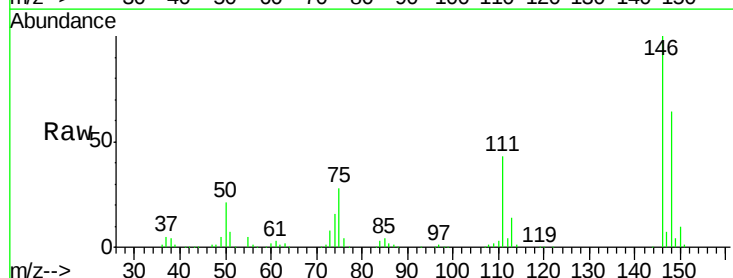
Tgt Ion: 146 Resp: 240322

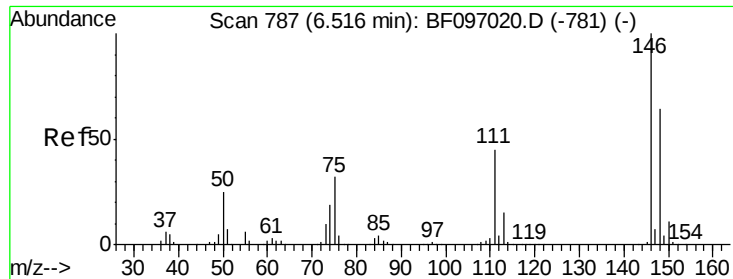
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

75 28.4 23.1 34.7

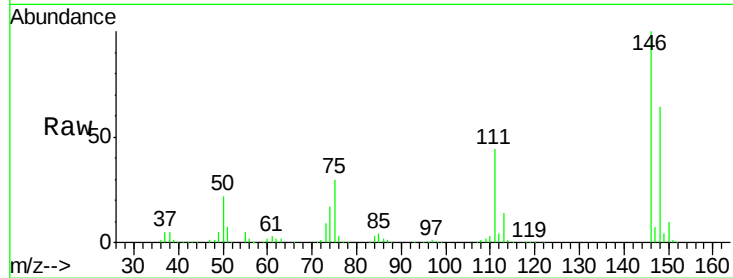




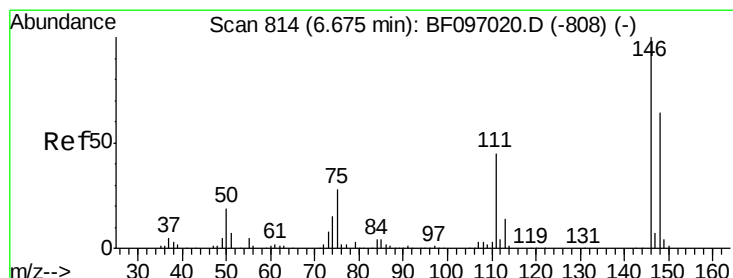
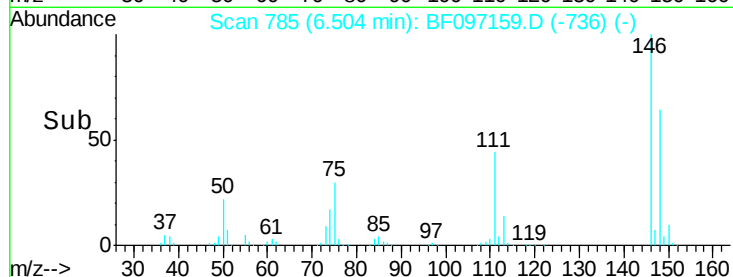
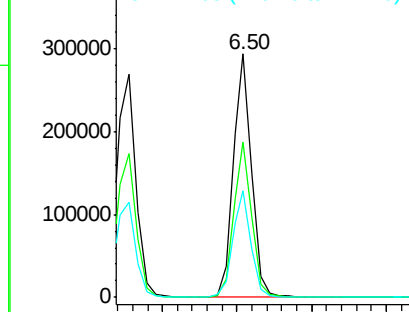
#13
 1,4-Dichlorobenzene
 Concen: 34.07 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:146 Resp: 253585
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 44.0 30.3 45.5

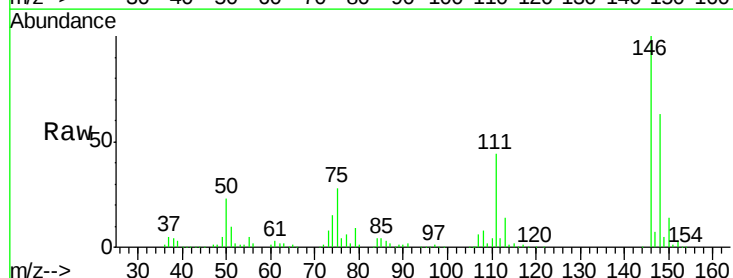


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

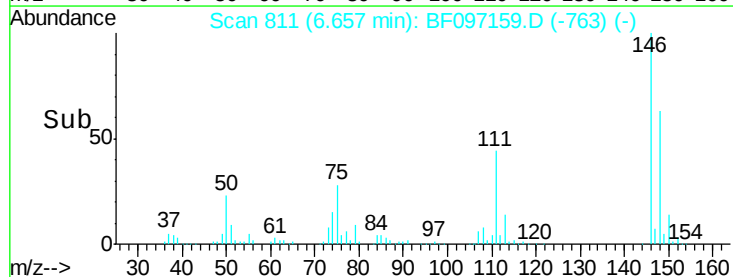
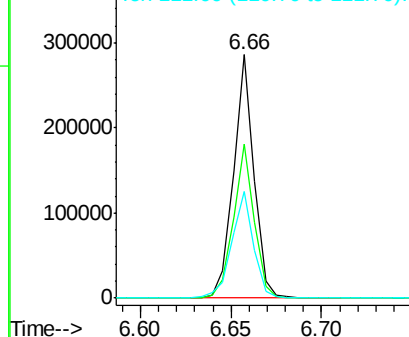


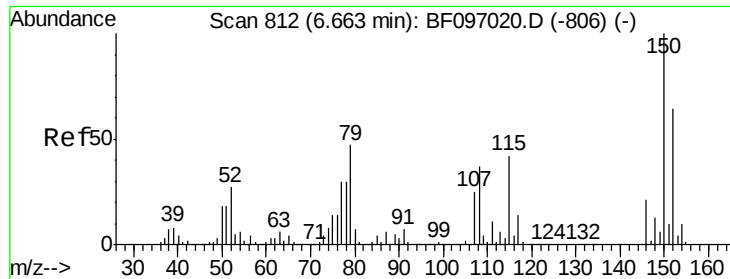
#14
 1,2-Dichlorobenzene
 Concen: 34.64 ng
 RT: 6.66 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion:146 Resp: 225114
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 44.1 38.2 57.4



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

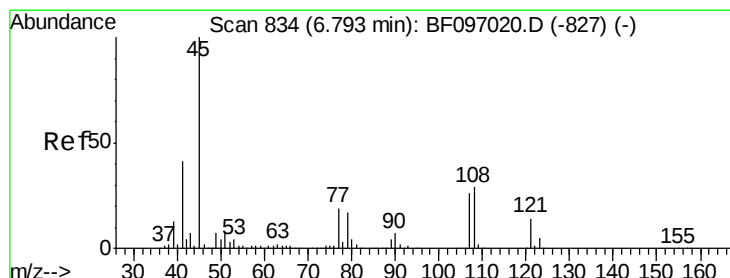
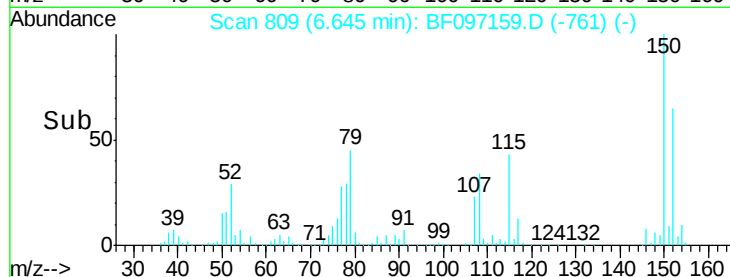
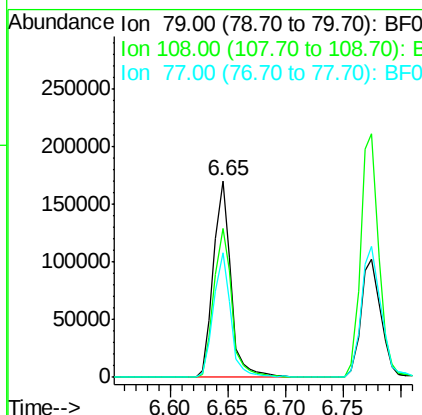
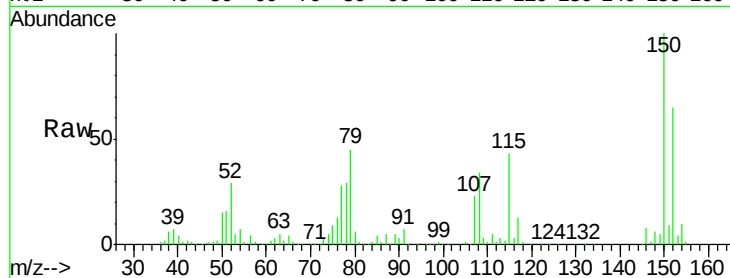




#15
Benzyl Alcohol
Concen: 38.29 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

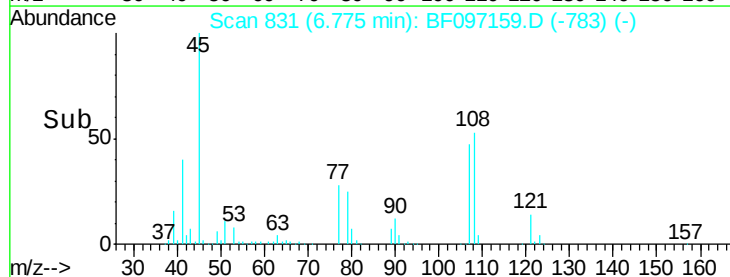
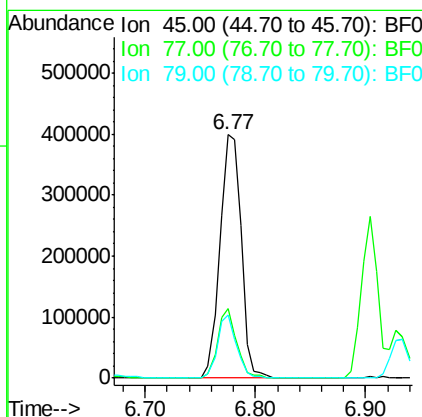
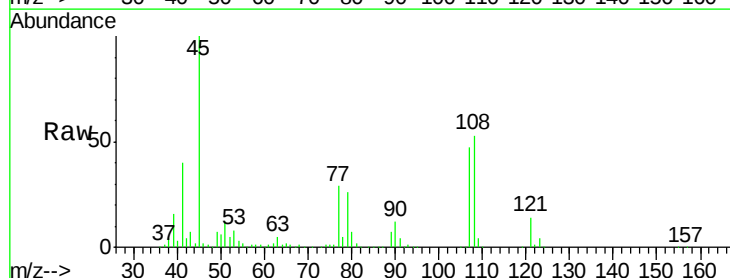
Instrument :
BNA_F
ClientSampleId :
PB101003BS

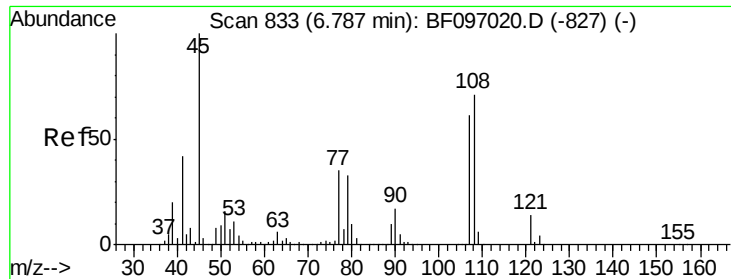
Tot Ion: 79 Resp: 180386
Ion Ratio Lower Upper
79 100
108 75.5 63.4 95.0
77 63.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.29 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion: 45 Resp: 536131
Ion Ratio Lower Upper
45 100
77 28.6 0.0 33.2
79 25.7 0.0 30.0

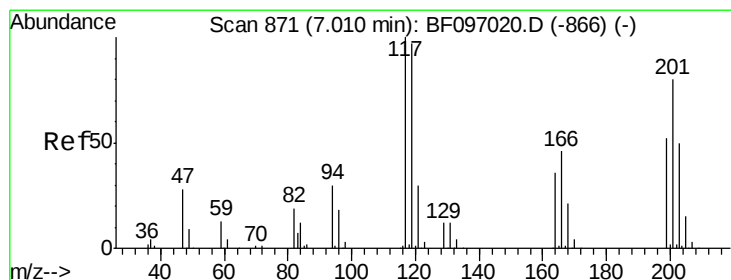
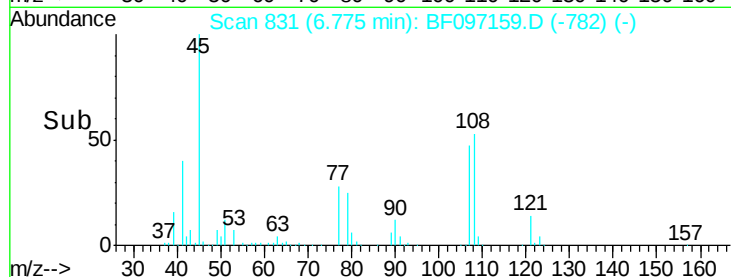
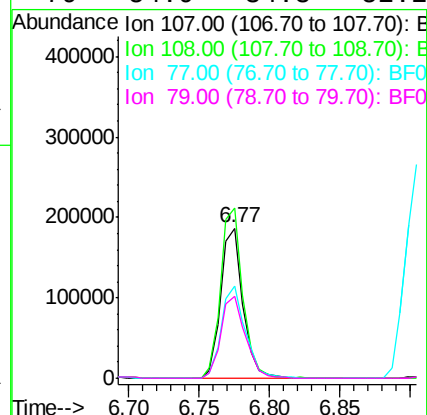
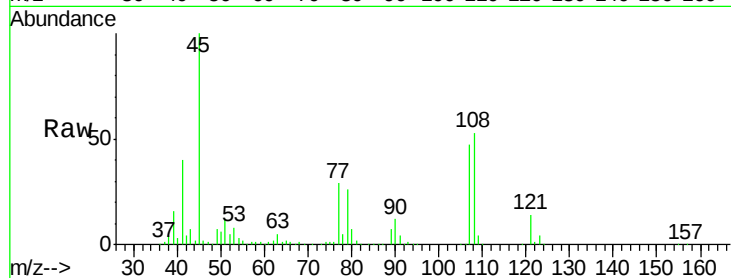




#17
2-Methylphenol
Concen: 38.19 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

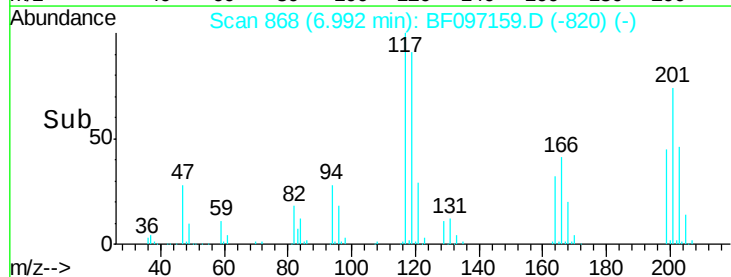
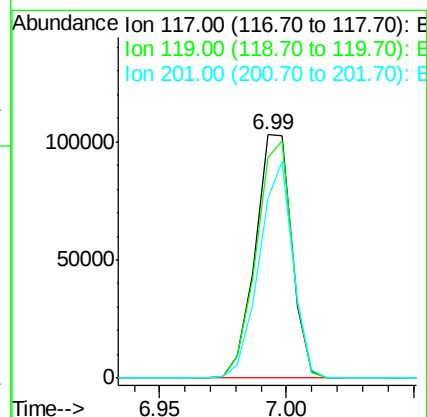
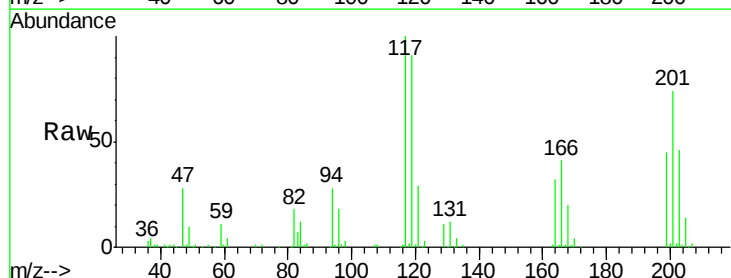
Instrument :
BNA_F
ClientSampleId :
PB101003BS

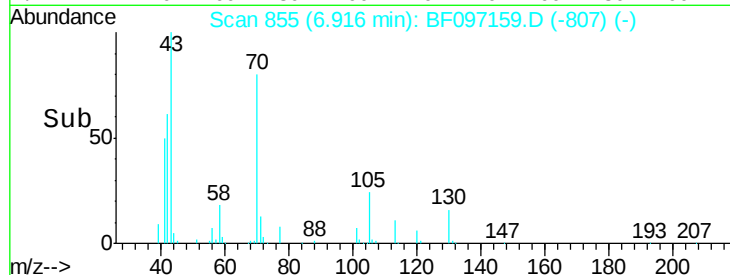
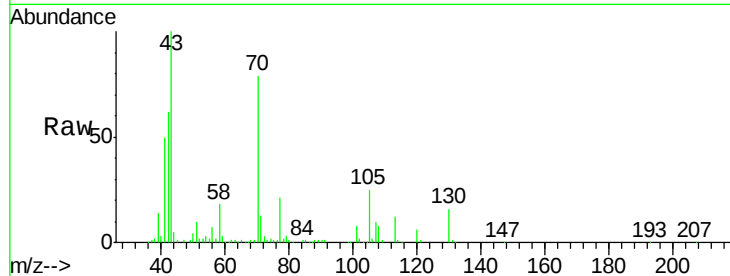
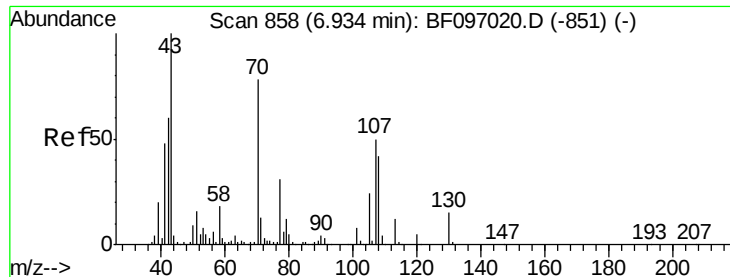
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.0
77	61.0	35.8	53.6#
79	54.9	34.8	52.2#



#18
Hexachloroethane
Concen: 38.02 ng
RT: 6.99 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	77.4	116.0
201	73.6	94.6	141.8#

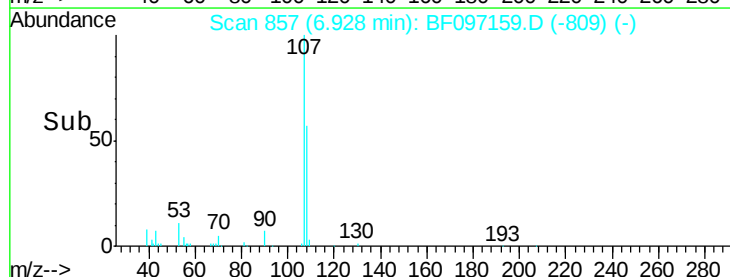
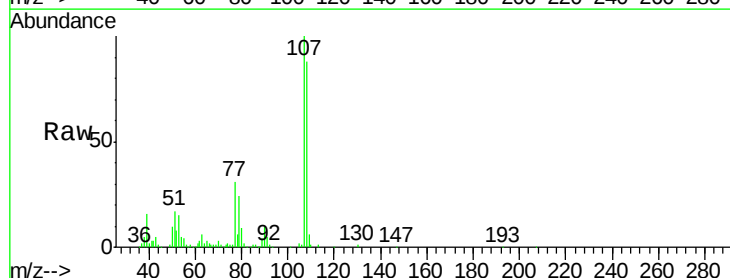
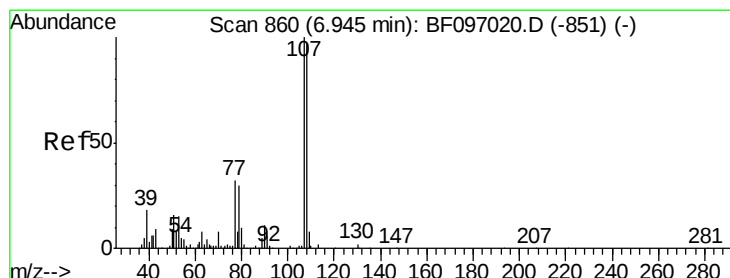
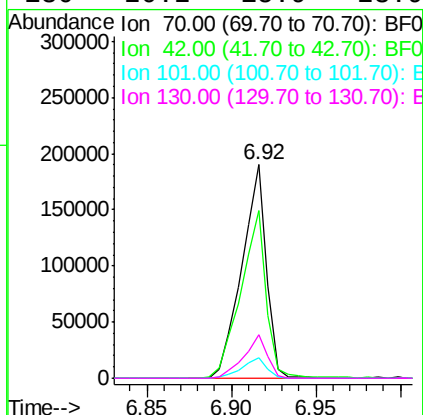




#19
n-Nitroso-di-n-propylamine
Concen: 39.63 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

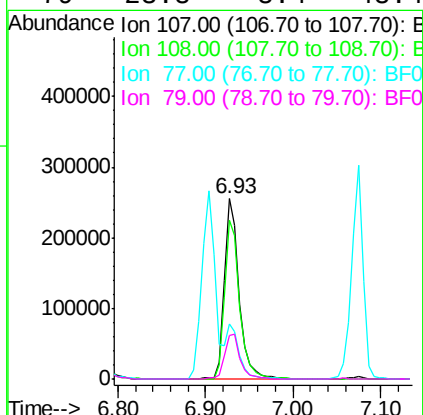
Instrument :
BNA_F
ClientSampleId :
PB101003BS

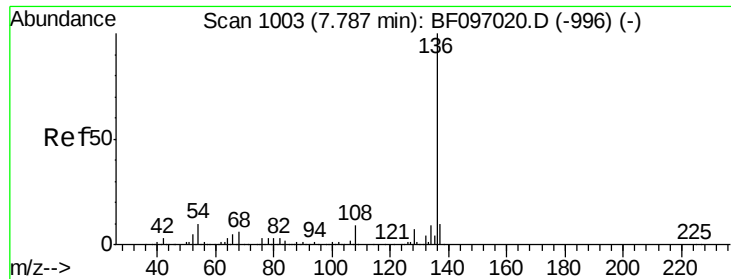
Tot Ion: 70 Resp: 194111
Ion Ratio Lower Upper
70 100
42 78.5 47.2 70.8#
101 9.7 7.2 10.8
130 20.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.39 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:107 Resp: 297795
Ion Ratio Lower Upper
107 100
108 87.9 71.0 111.0
77 30.6 90.5 130.5#
79 23.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion:136 Resp: 434728

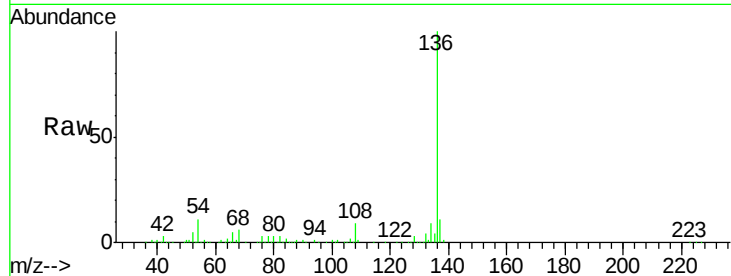
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.1 4.9 7.3#

68 6.0 4.1 6.1

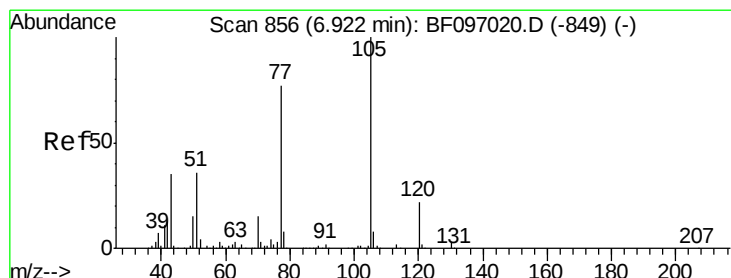
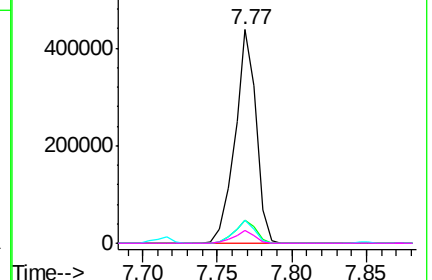
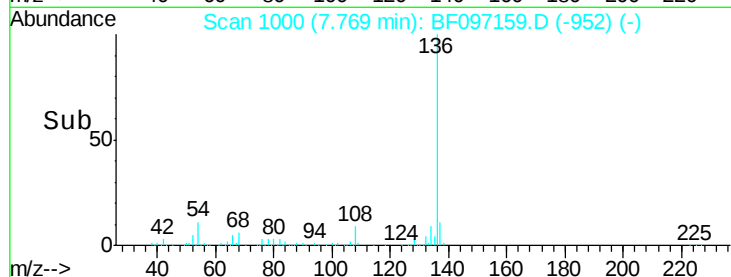


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.45 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:105 Resp: 370055

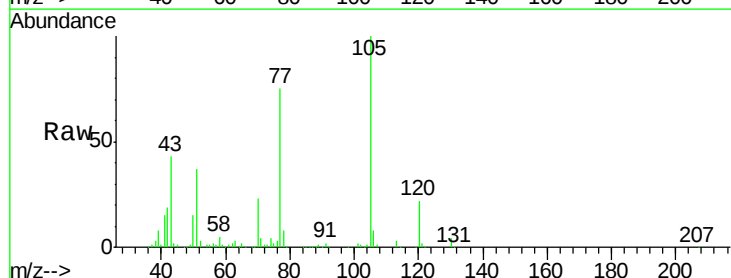
Ion Ratio Lower Upper

105 100

71 3.7 2.8 4.2

51 36.7 30.7 46.1

120 21.6 17.4 26.0

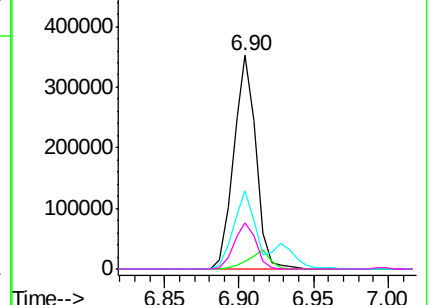
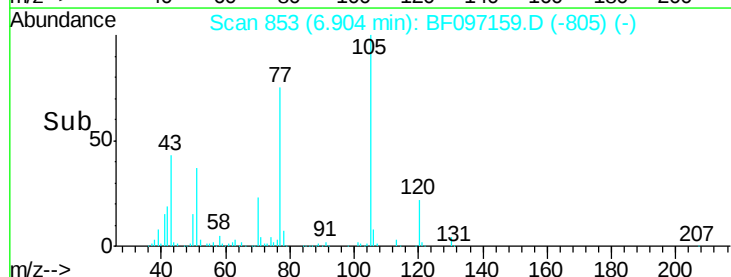


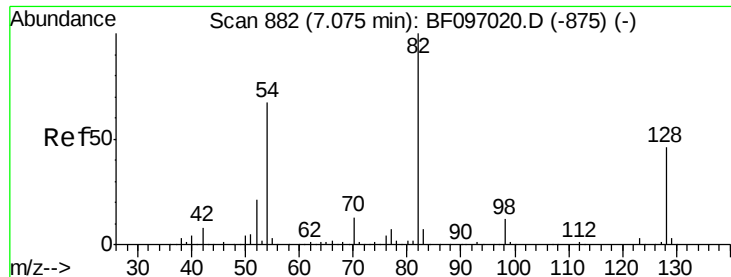
Abundance Ion 105.00 (104.70 to 105.70): E

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

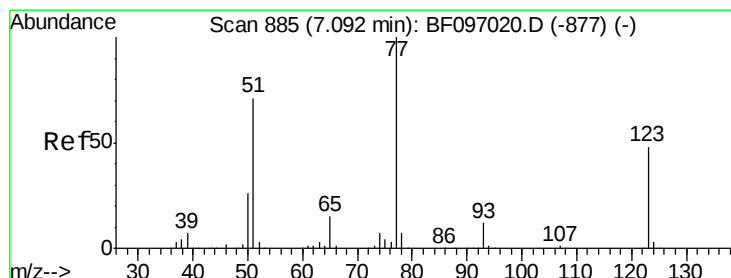
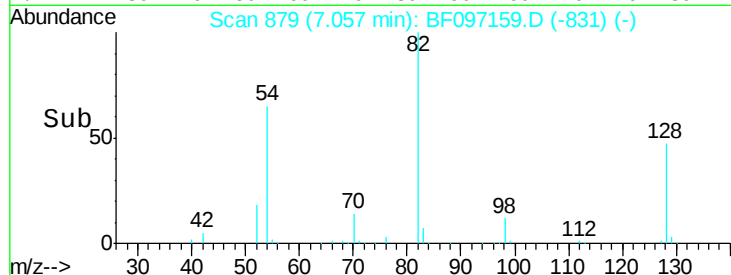
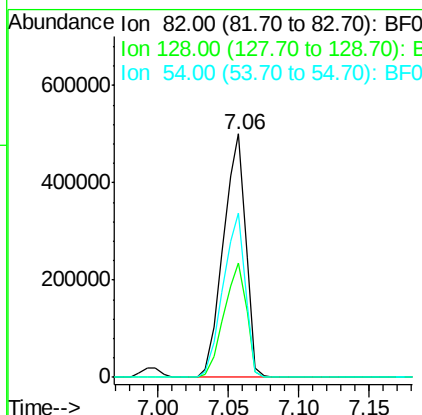
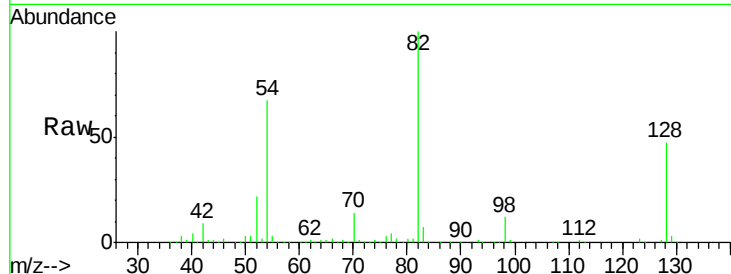




#23
 Nitrobenzene-d5
 Concen: 74.43 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

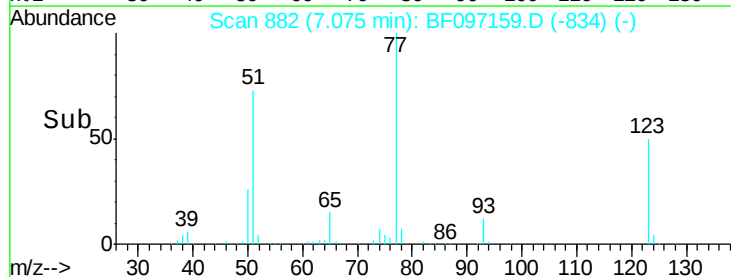
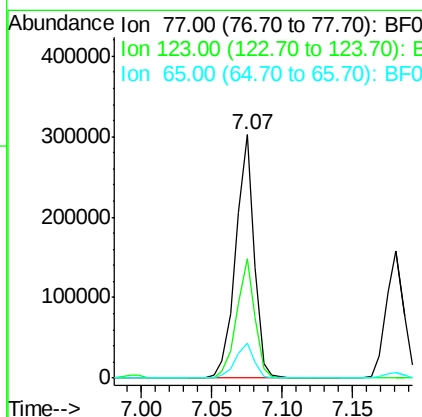
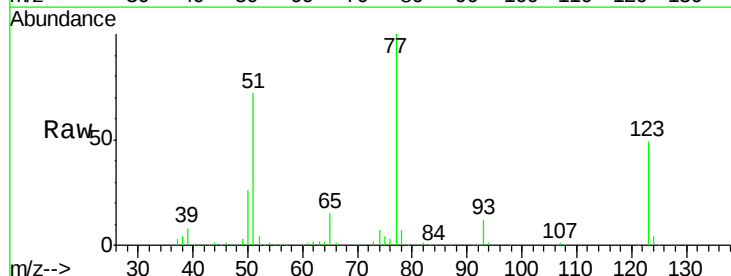
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

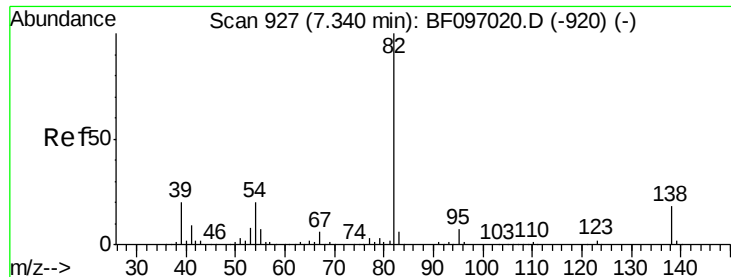
Tot Ion: 82 Resp: 551559
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 67.3 42.2 63.2#



#24
 Nitrobenzene
 Concen: 35.71 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion: 77 Resp: 275627
 Ion Ratio Lower Upper
 77 100
 123 49.3 35.8 53.8
 65 14.6 10.6 15.8





#25

Isophorone

Concen: 34.22 ng

RT: 7.32 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

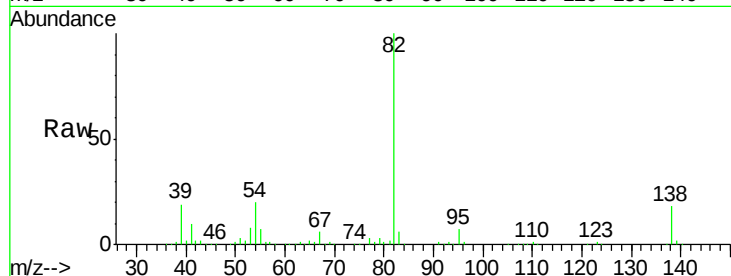
Tot Ion: 82 Resp: 496669

Ion Ratio Lower Upper

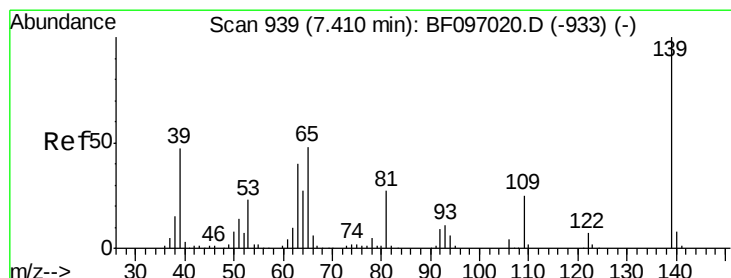
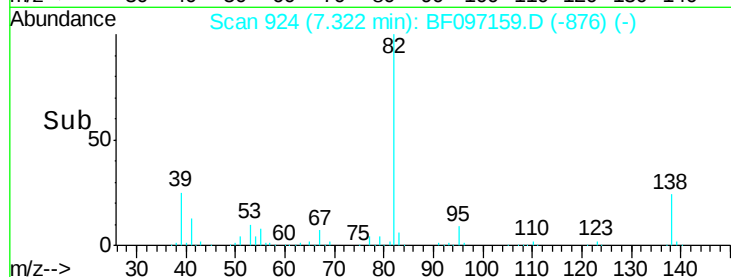
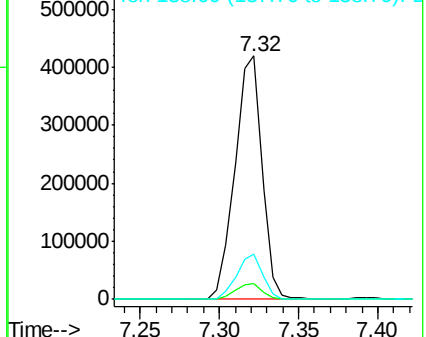
82 100

95 6.6 5.3 7.9

138 18.3 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: 35.49 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

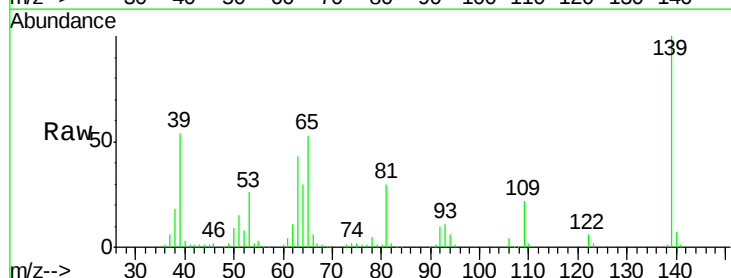
Tgt Ion: 139 Resp: 148199

Ion Ratio Lower Upper

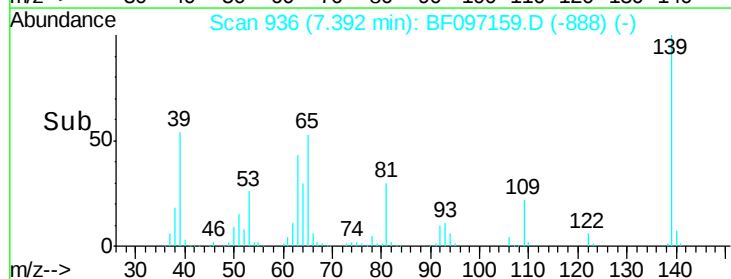
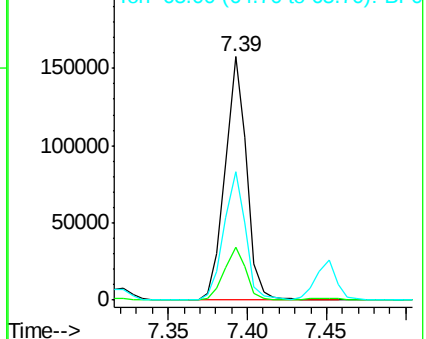
139 100

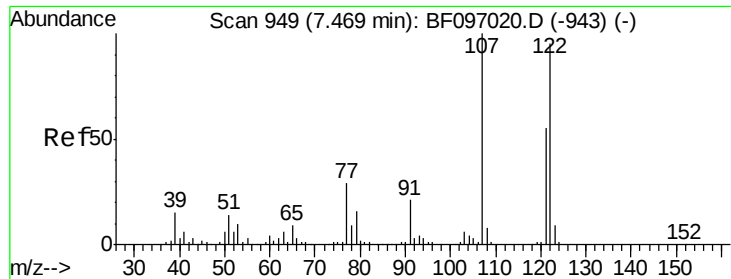
109 22.0 21.0 31.6

65 52.7 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

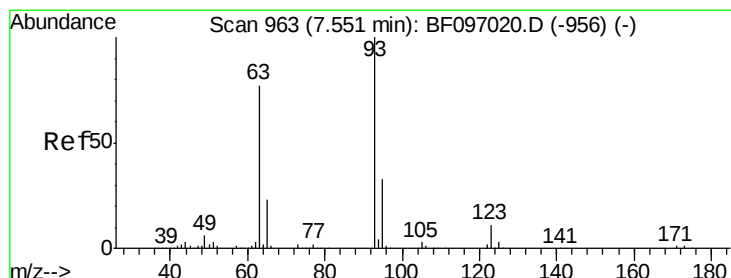
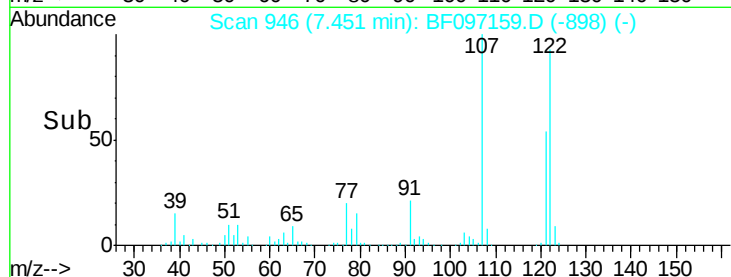
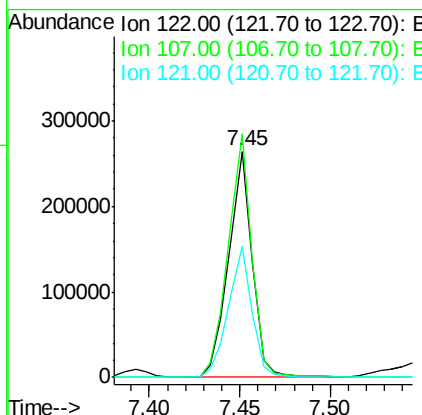
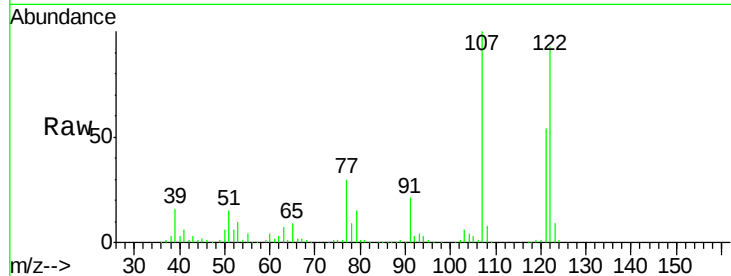




#27
 2,4-Dimethylphenol
 Concen: 35.06 ng
 RT: 7.45 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

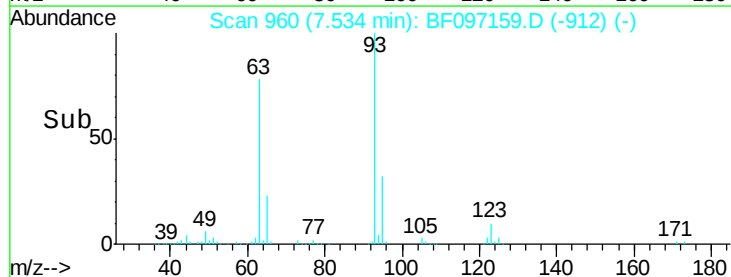
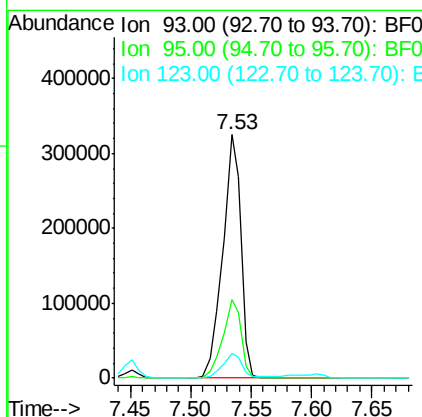
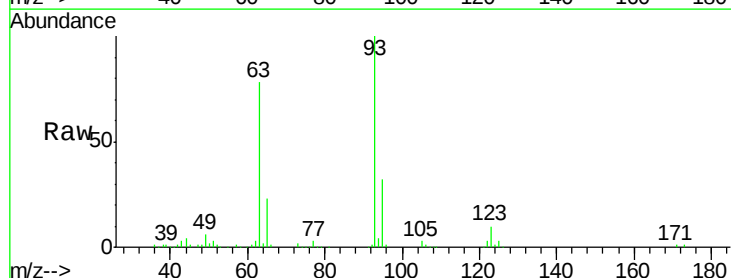
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

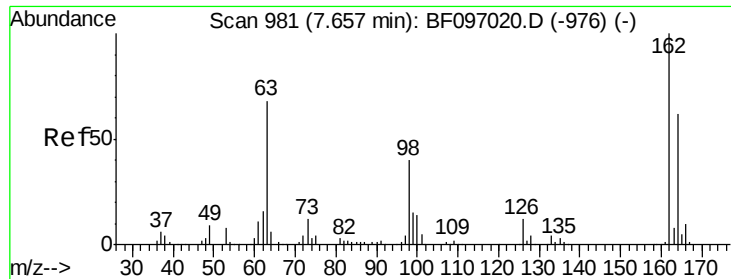
Tot Ion:122 Resp: 241511
 Ion Ratio Lower Upper
 122 100
 107 107.6 89.2 133.8
 121 57.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.76 ng
 RT: 7.53 min Scan# 960
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion: 93 Resp: 338651
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.4 9.0 13.4

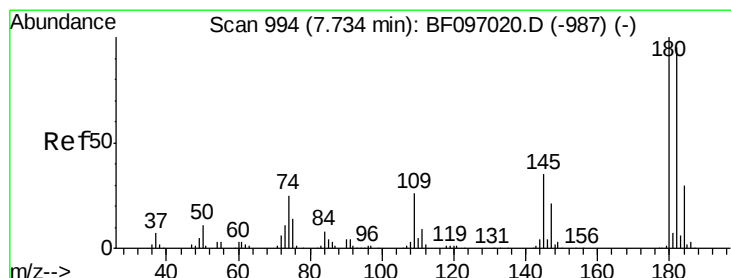
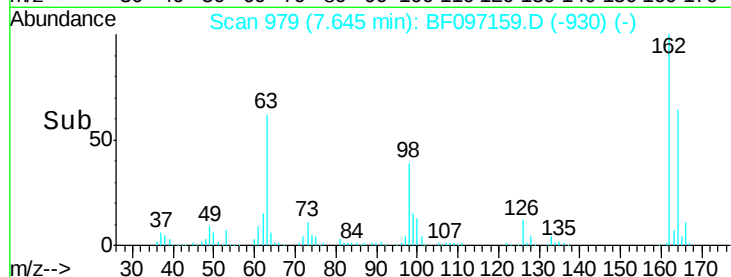
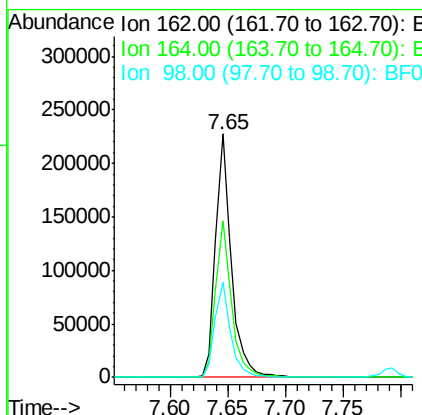
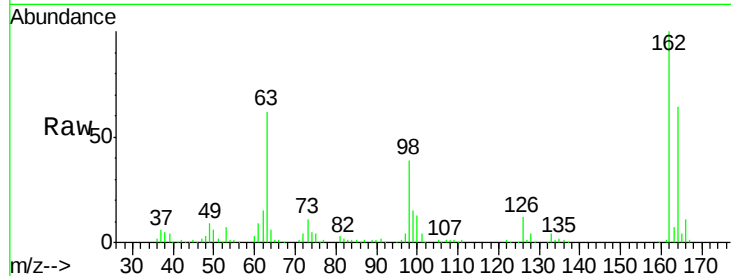




#29
 2,4-Dichlorophenol
 Concen: 36.38 ng
 RT: 7.65 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

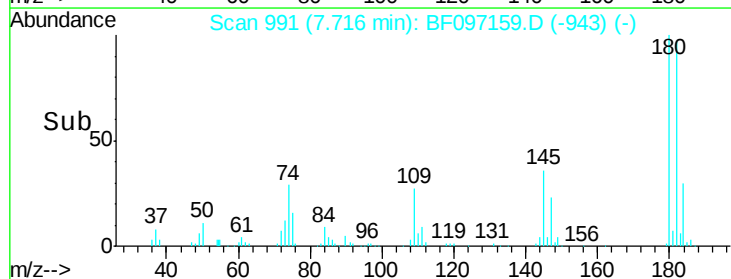
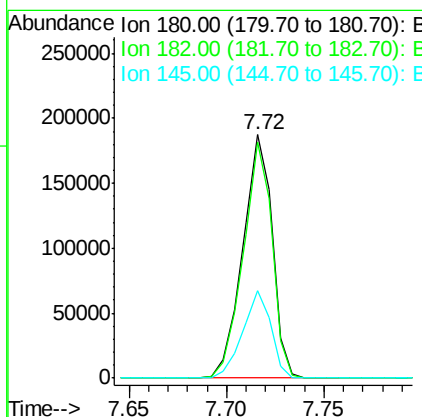
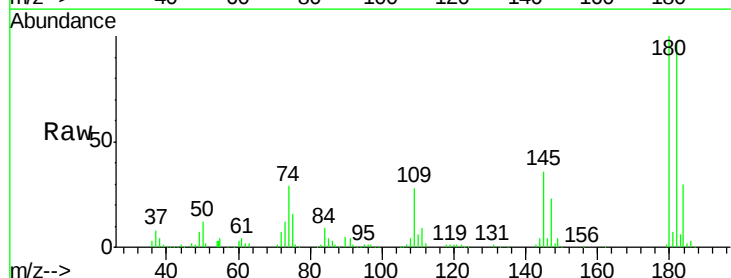
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

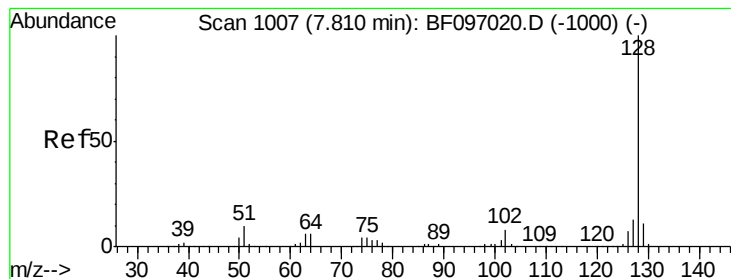
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	38.9	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 34.67 ng
 RT: 7.72 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	35.8	25.3	37.9





#31

Naphthalene

Concen: 35.01 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

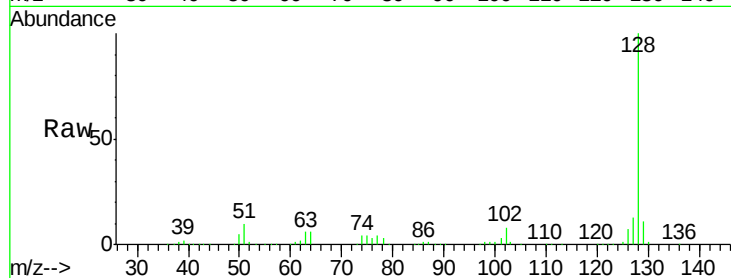
Tot Ion:128 Resp: 717436

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

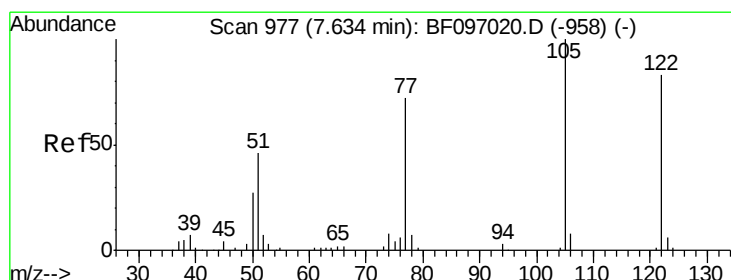
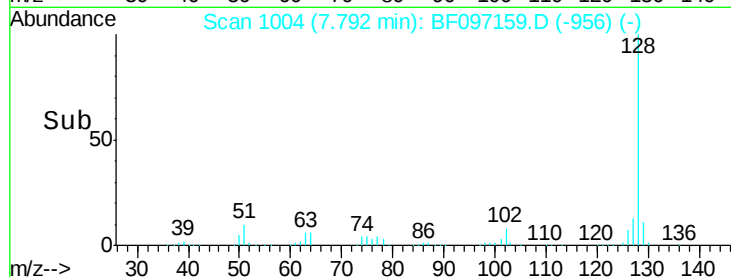
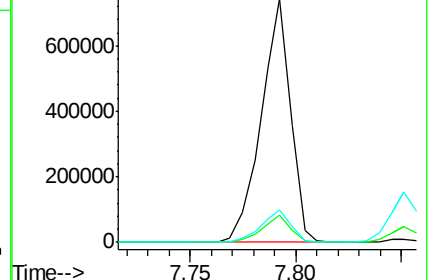
127 13.4 10.8 16.2



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: 33.48 ng

RT: 7.60 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

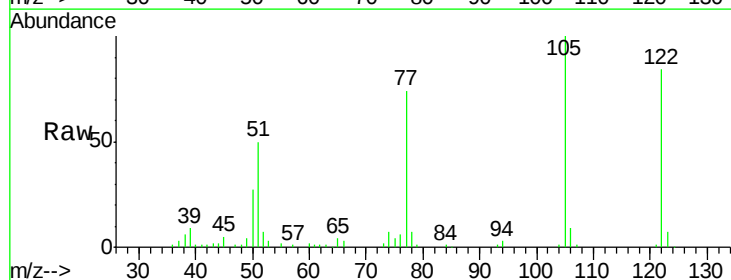
Tgt Ion:122 Resp: 172190

Ion Ratio Lower Upper

122 100

105 118.6 103.3 143.3

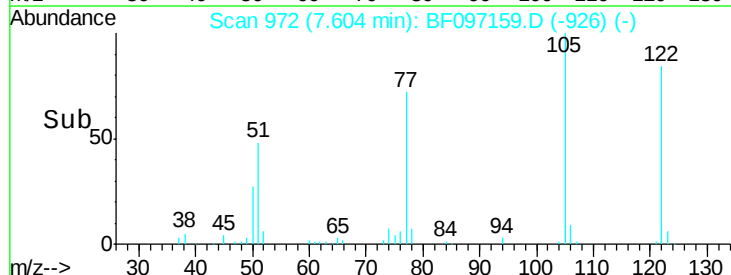
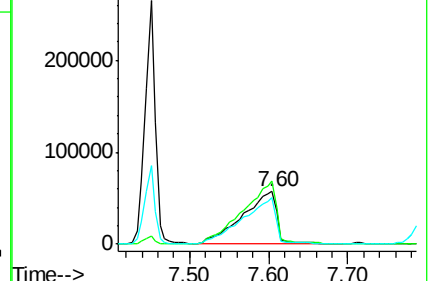
77 87.3 73.7 113.7

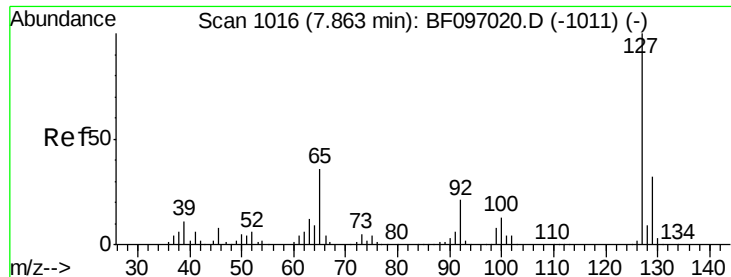


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

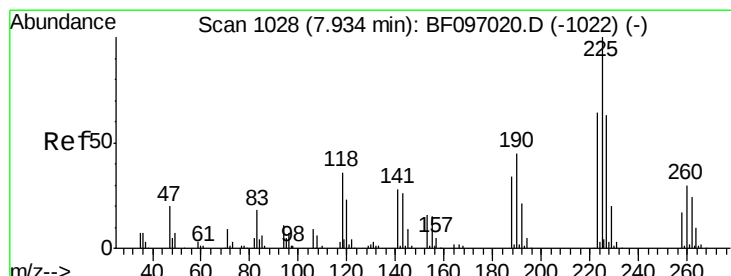
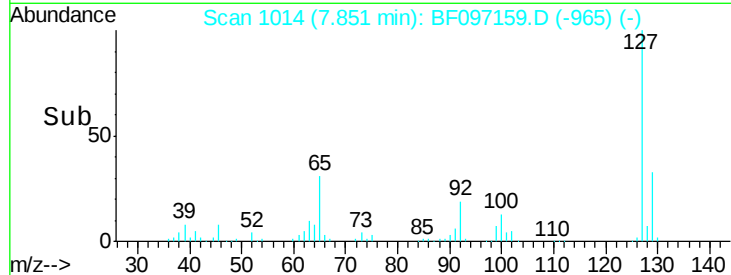
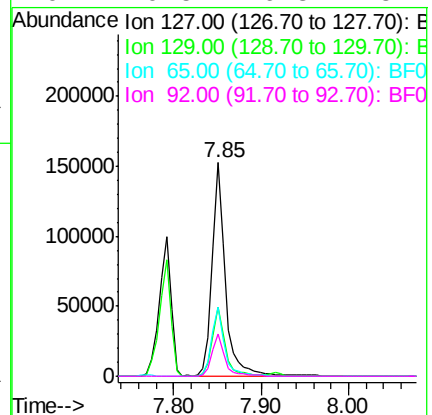
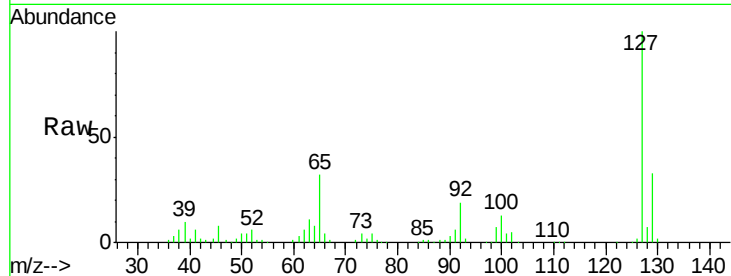




#33
4-Chloroaniline
Concen: 19.62 ng
RT: 7.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

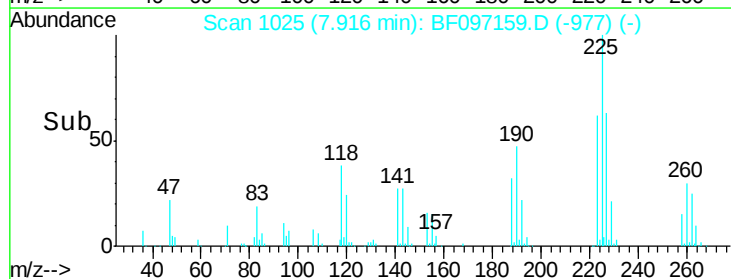
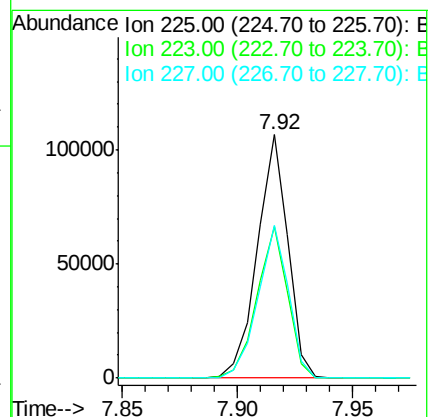
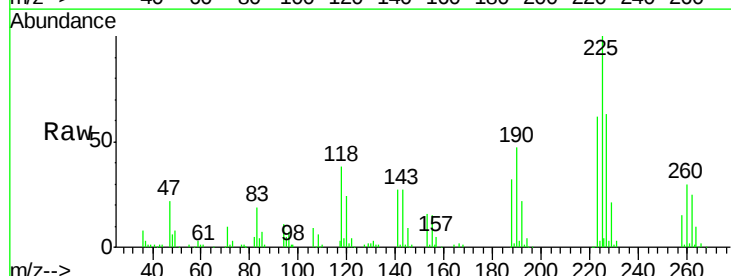
Instrument :
BNA_F
ClientSampleId :
PB101003BS

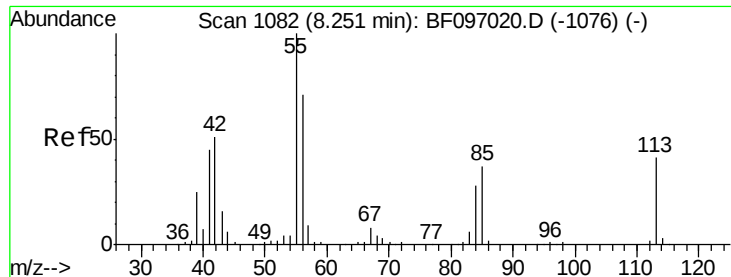
Tot Ion:	127	Resp:	163567
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	32.4	27.8	41.8
92	19.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 32.81 ng
RT: 7.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:	225	Resp:	98392
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.8	73.2
227	62.9	51.1	76.7





#35

Caprolactam

Concen: 22.78 ng

RT: 8.22 min Scan# 1077

Delta R.T. -0.03 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

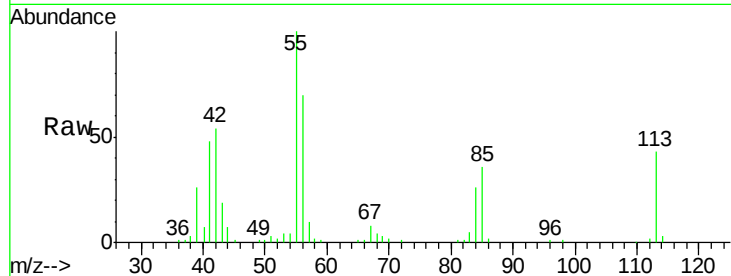
Tot Ion:113 Resp: 43335

Ion Ratio Lower Upper

113 100

55 233.1 150.2 190.2#

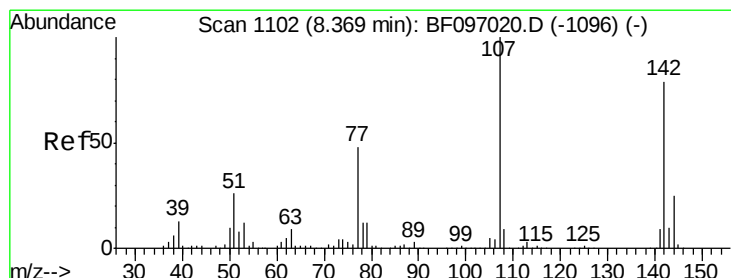
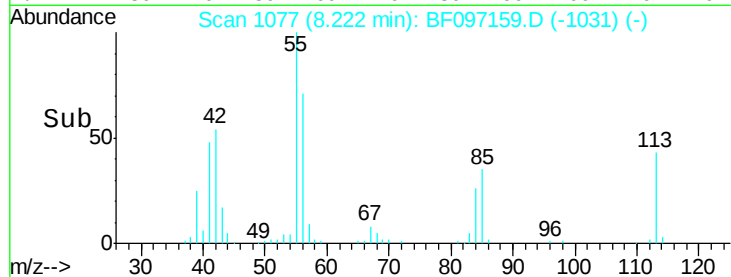
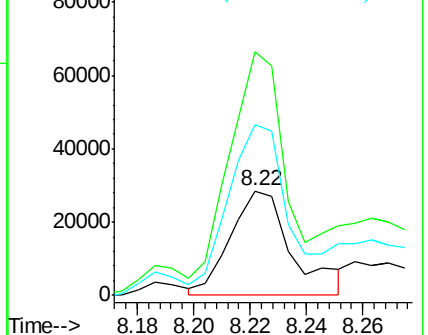
56 163.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.25 ng

RT: 8.36 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

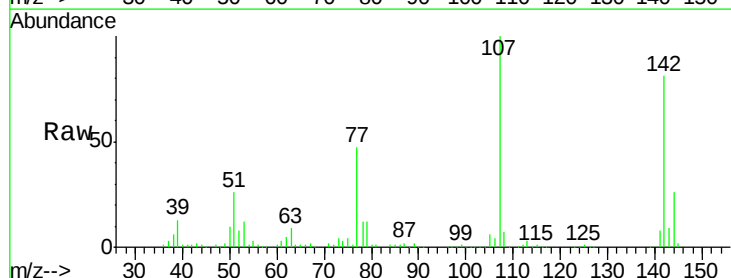
Tgt Ion:107 Resp: 208788

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

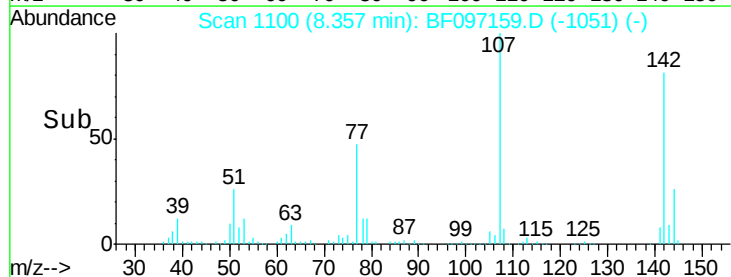
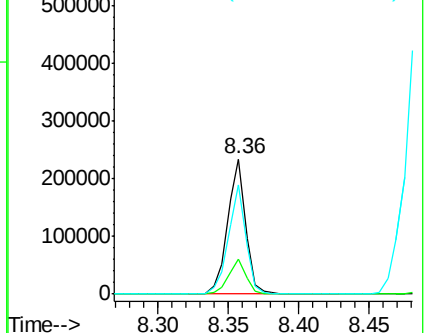
142 80.6 73.4 110.0

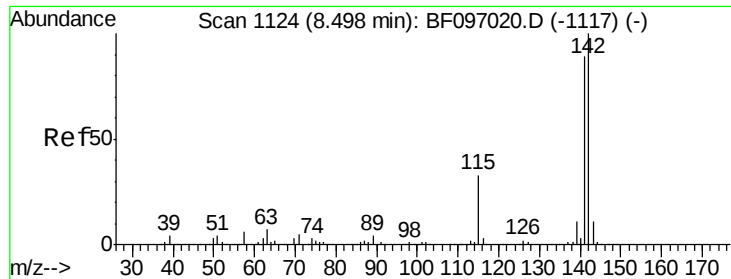


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

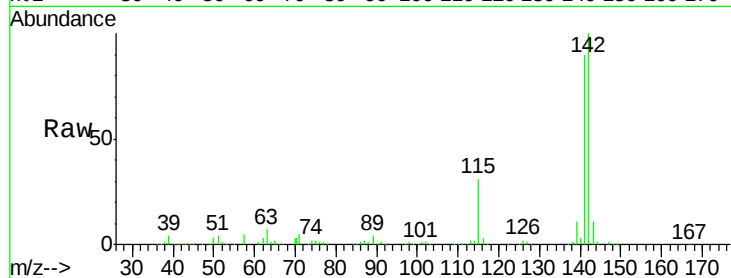




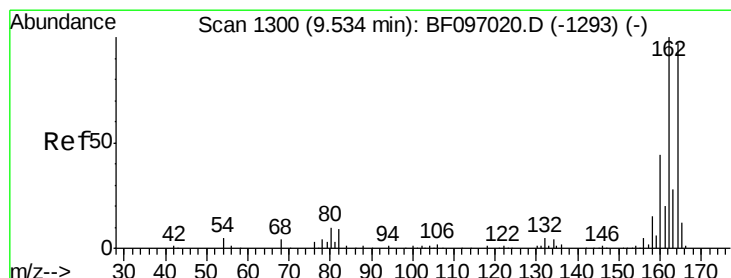
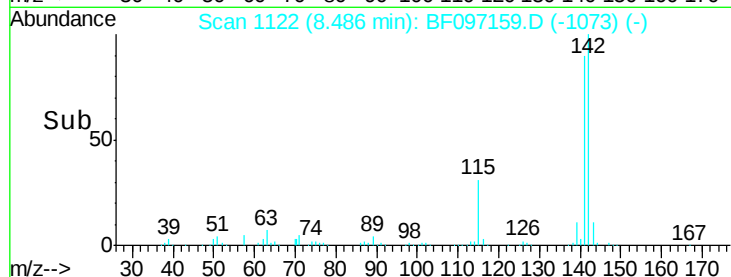
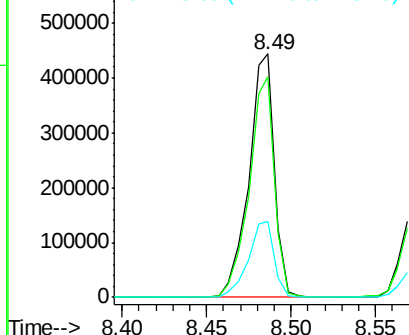
#37
2-Methylnaphthalene
Concen: 36.25 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:142 Resp: 470348
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 31.0 27.1 40.7

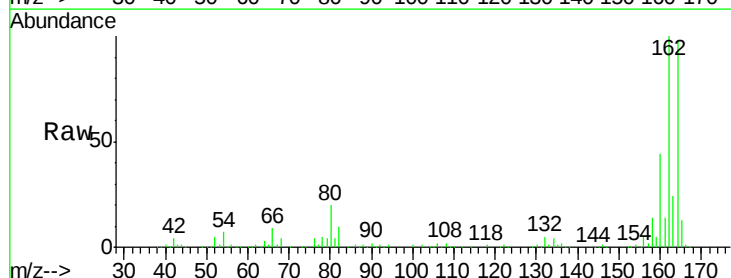


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

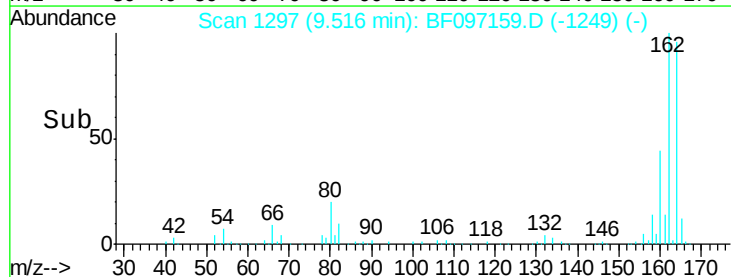
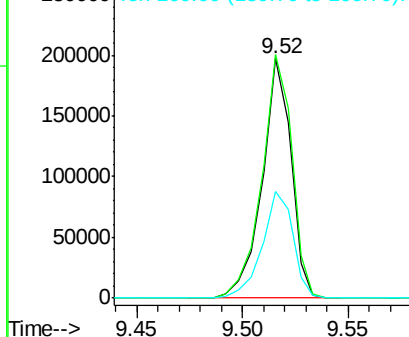


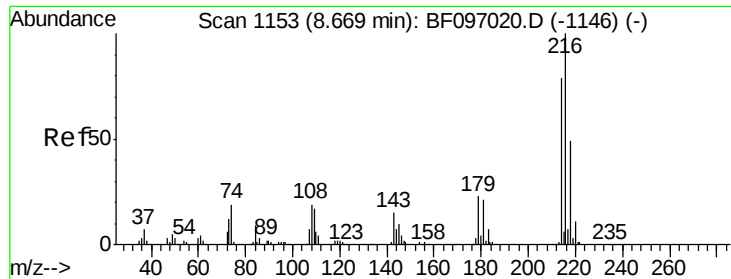
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:164 Resp: 187801
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.4 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

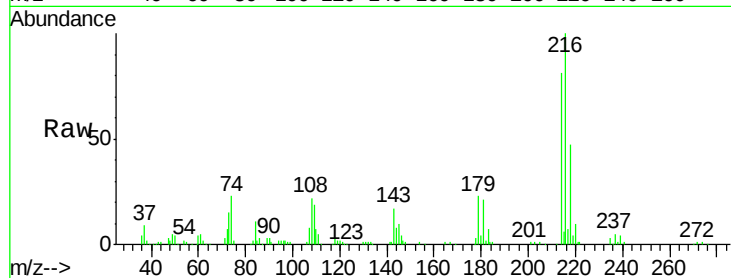




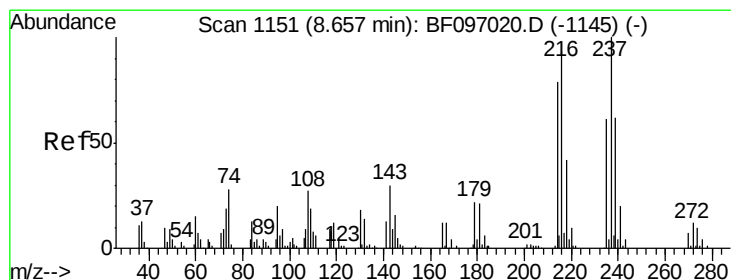
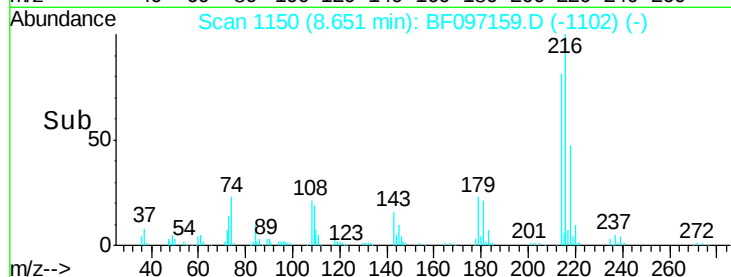
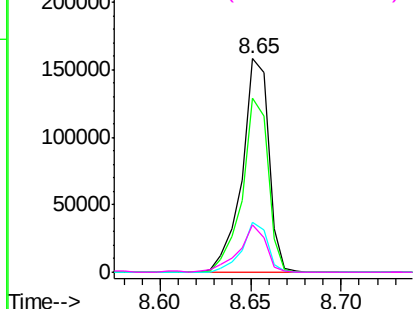
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.20 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:216	Resp:	161334
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.4 95.2
179	22.4	17.9 26.9
108	22.6	16.5 24.7

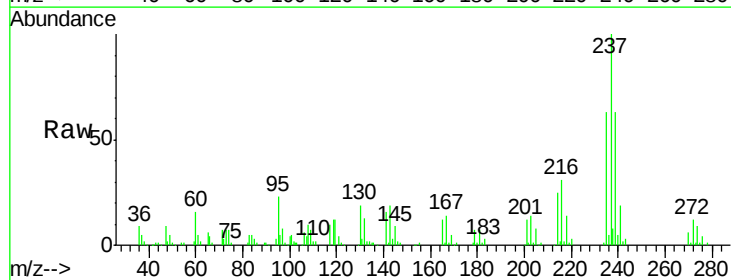


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

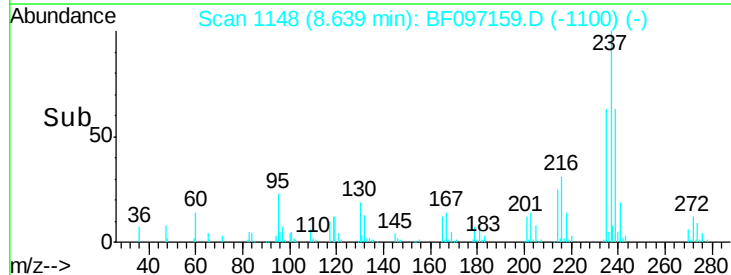
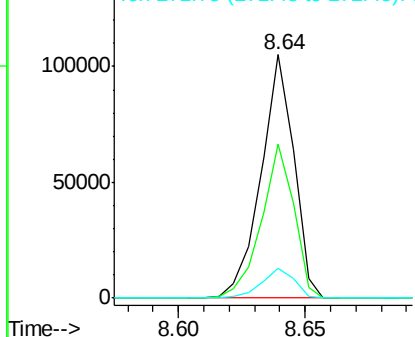


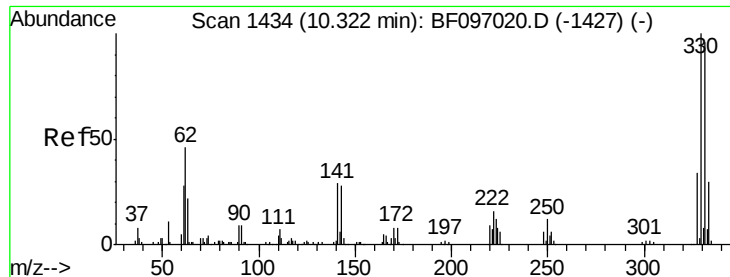
#40
 Hexachlorocyclopentadiene
 Concen: 56.09 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion:237	Resp:	94519
Ion Ratio	Lower	Upper
237	100	
235	63.2	42.6 82.6
272	12.0	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

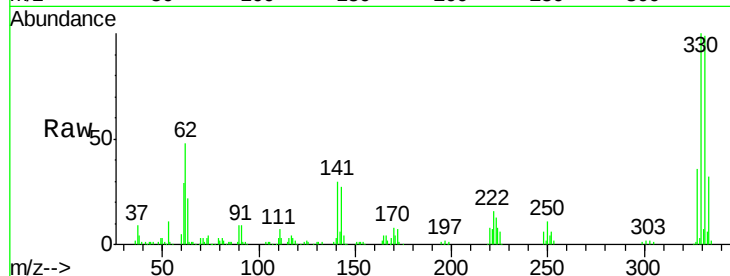




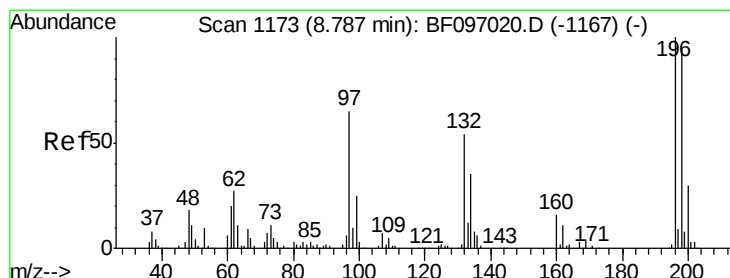
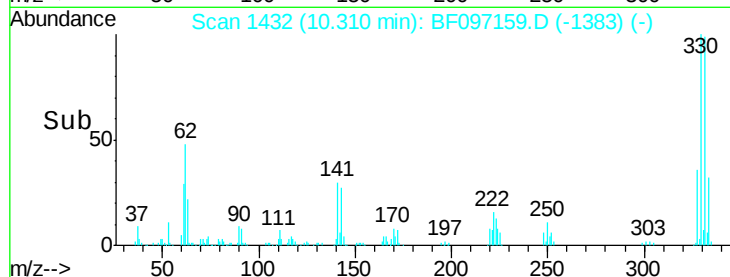
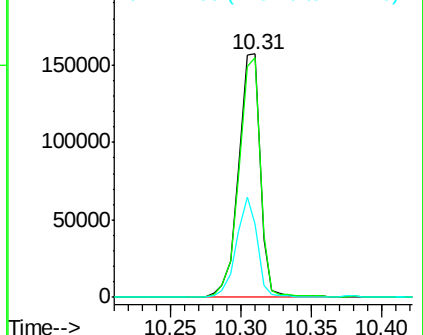
#41
 2,4,6-Tribromophenol
 Concen: 114.40 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:330 Resp: 169749
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.0 31.4 47.2

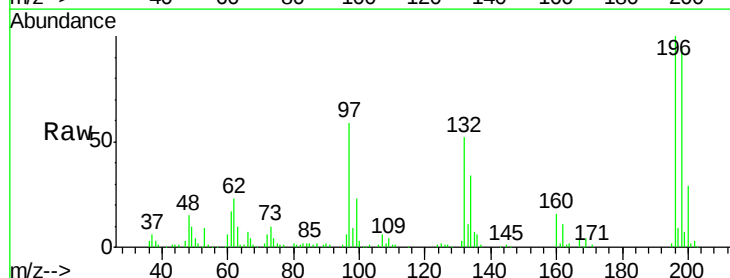


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

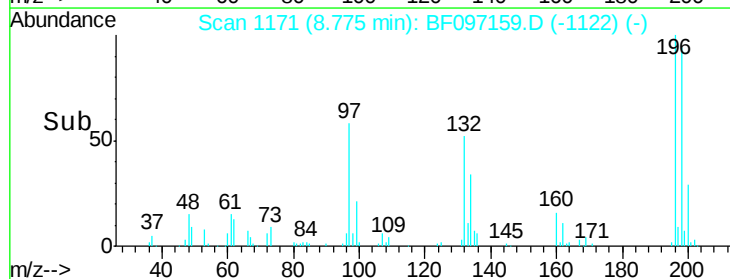
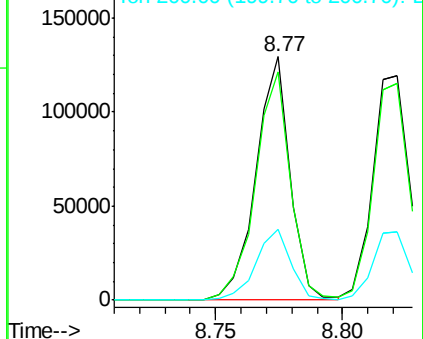


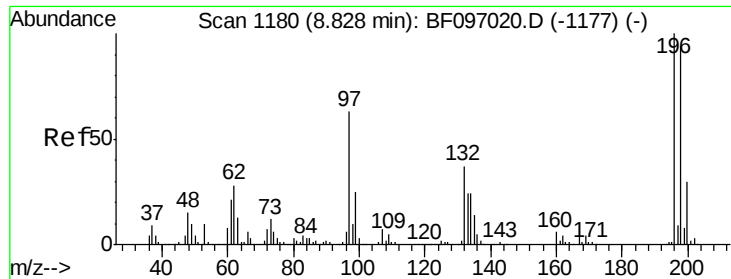
#42
 2,4,6-Trichlorophenol
 Concen: 33.40 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion:196 Resp: 121274
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.2 111.4
 200 29.3 24.0 36.0



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

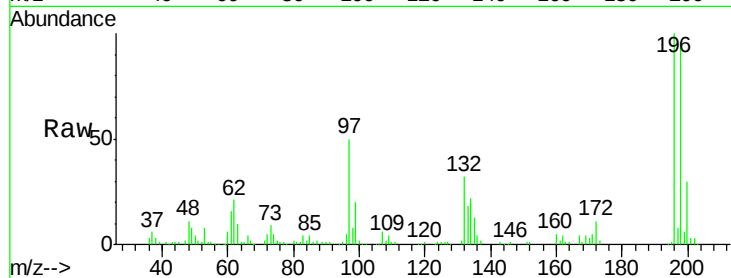




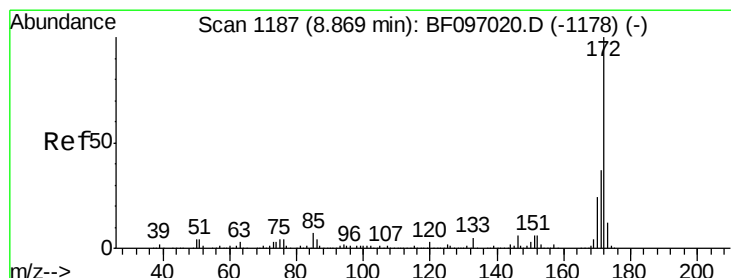
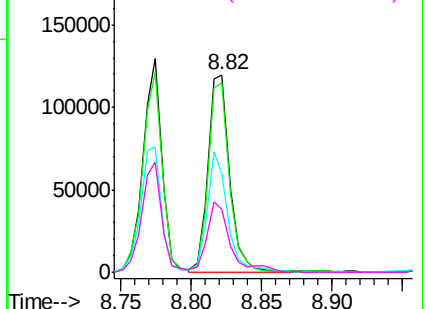
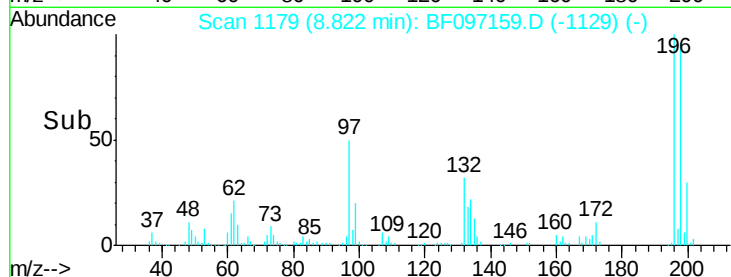
#43
 2,4,5-Trichlorophenol
 Concen: 34.83 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
97	49.7	47.7	71.5
132	31.6	28.0	42.0

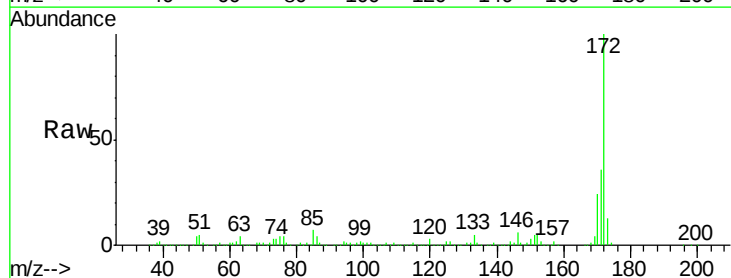


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

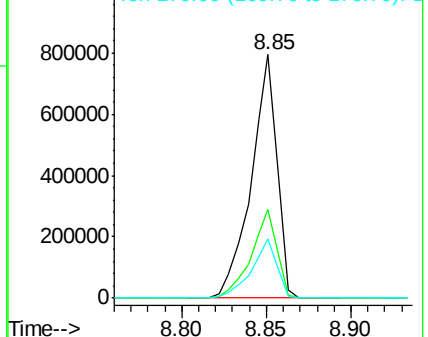
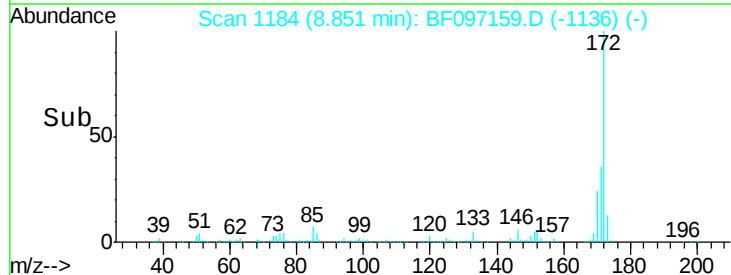


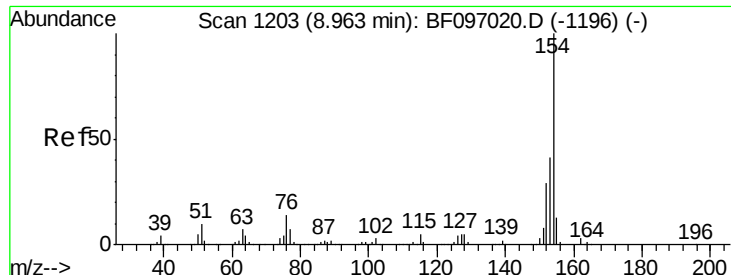
#44
 2-Fluorobiphenyl
 Concen: 76.33 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.39 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

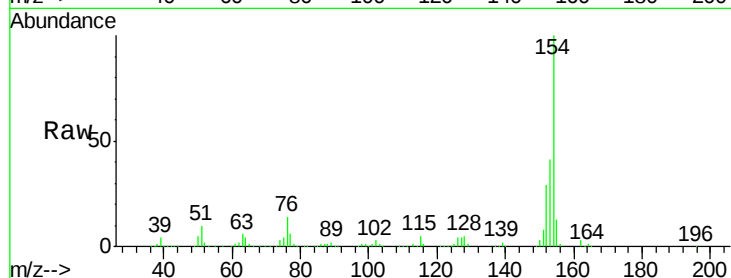
Tot Ion:154 Resp: 519529

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

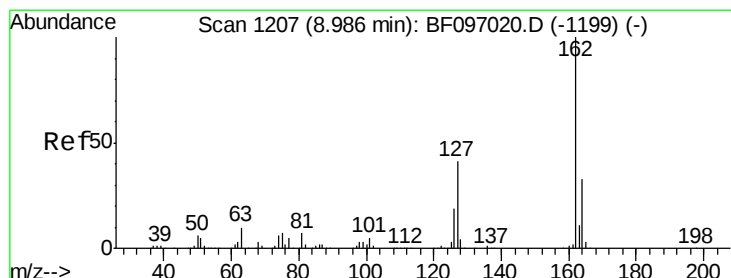
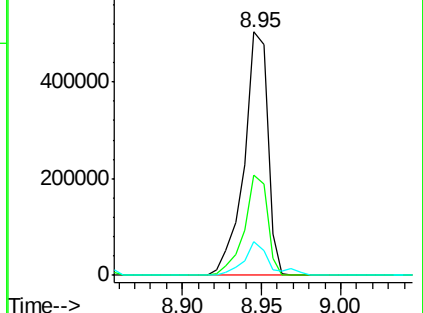
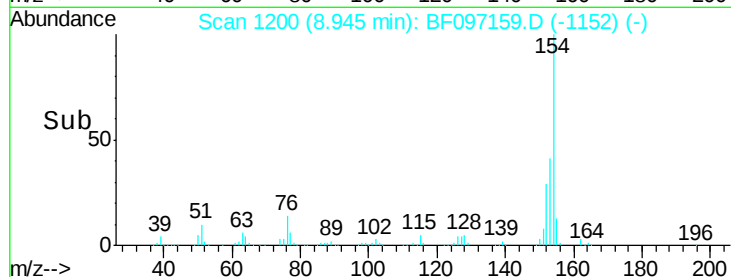
76 13.7 0.0 29.9



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: 34.12 ng

RT: 8.97 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

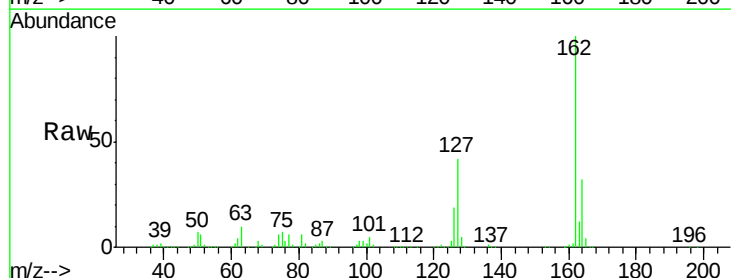
Tgt Ion:162 Resp: 402752

Ion Ratio Lower Upper

162 100

127 41.7 28.3 42.5

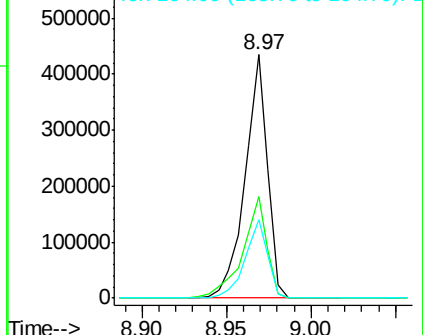
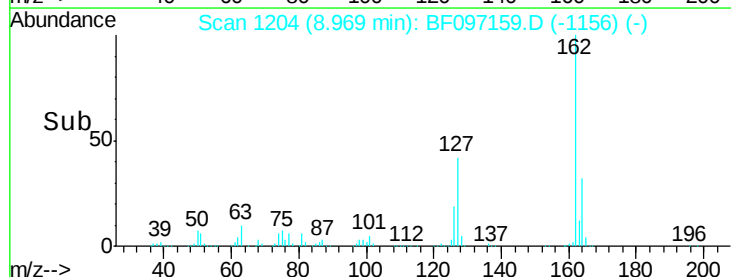
164 32.4 27.0 40.4

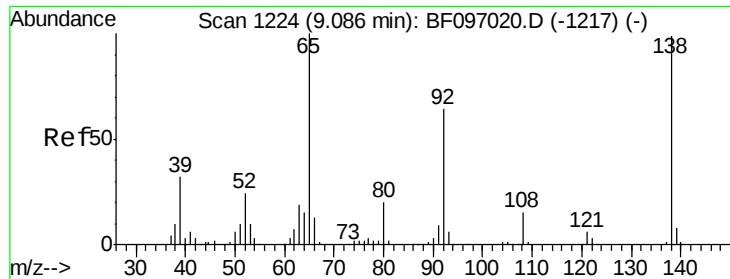


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

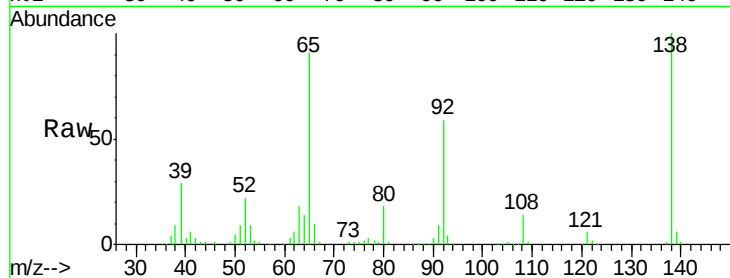




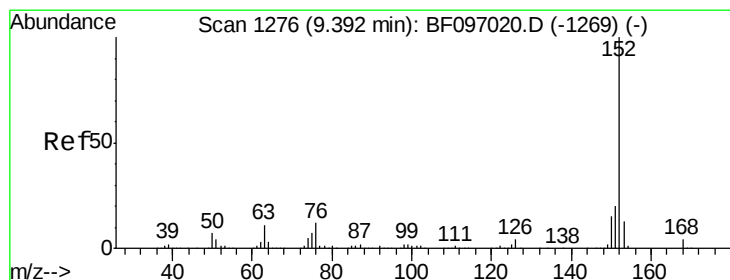
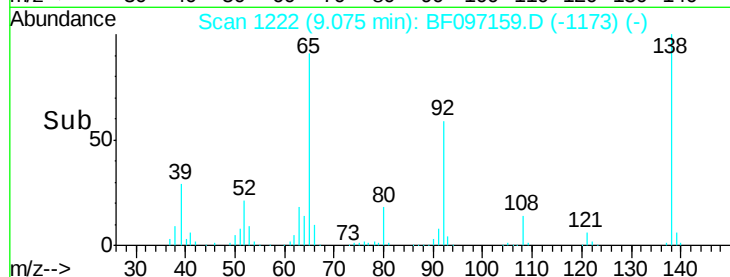
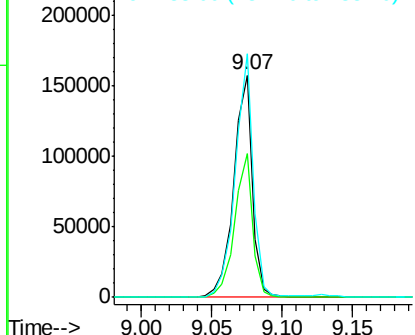
#47
2-Nitroaniline
Concen: 33.78 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion: 65 Resp: 144701
Ion Ratio Lower Upper
65 100
92 64.8 53.9 80.9
138 109.7 78.8 118.2

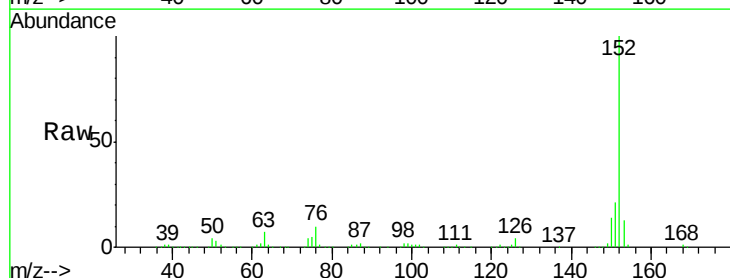


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

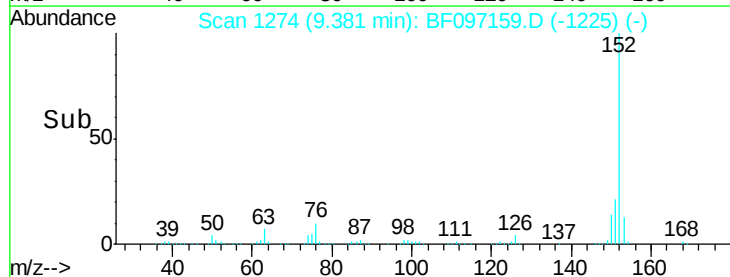
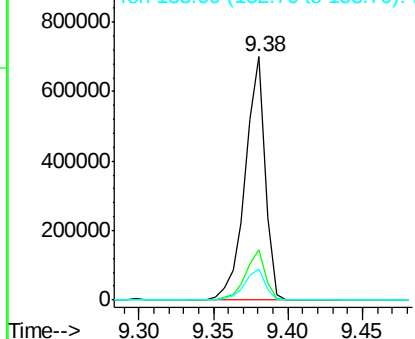


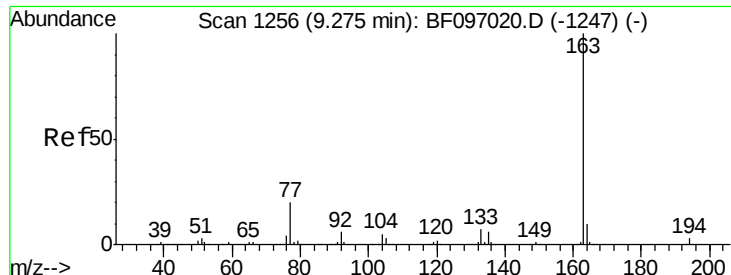
#48
Acenaphthylene
Concen: 35.72 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion: 152 Resp: 647273
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

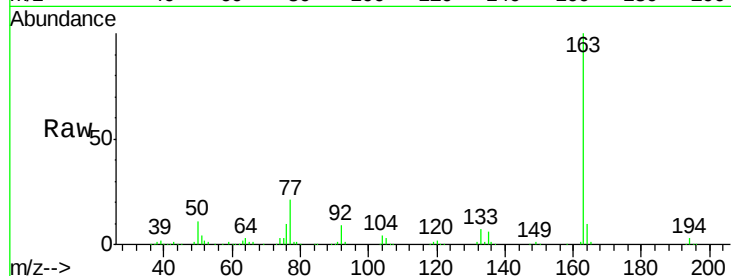




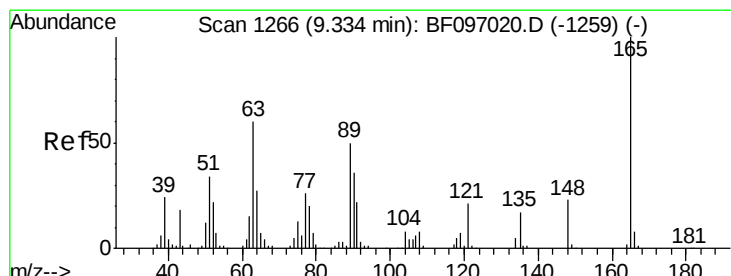
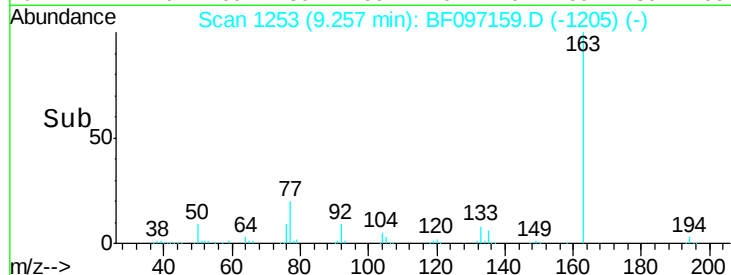
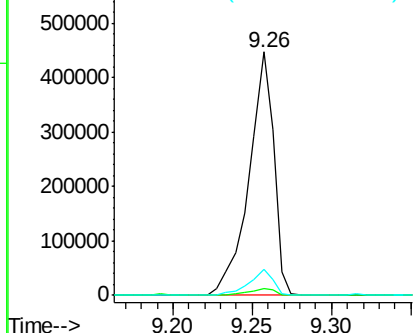
#49
Dimethylphthalate
Concen: 34.07 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:163 Resp: 485852
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.4 8.4 12.6

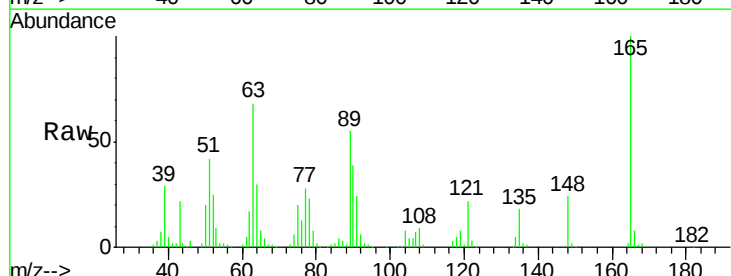


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

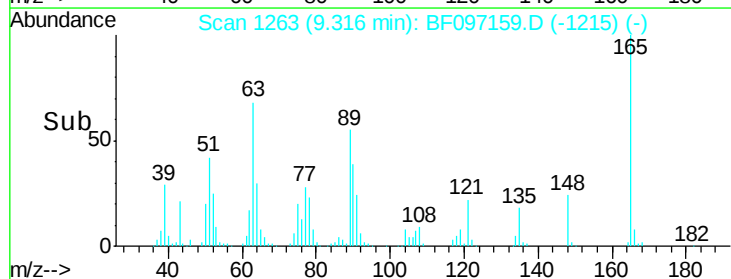
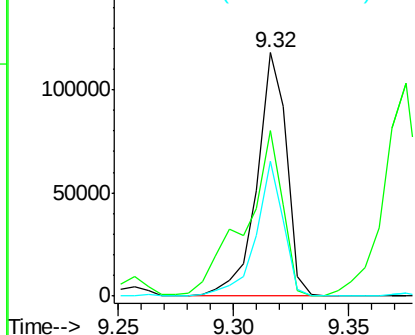


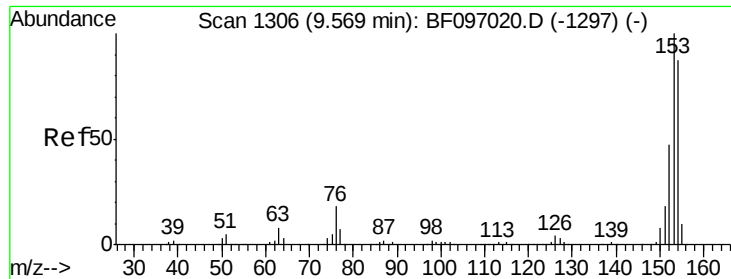
#50
2,6-Dinitrotoluene
Concen: 34.90 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:165 Resp: 105557
Ion Ratio Lower Upper
165 100
63 68.1 34.3 51.5#
89 55.4 37.1 55.7



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

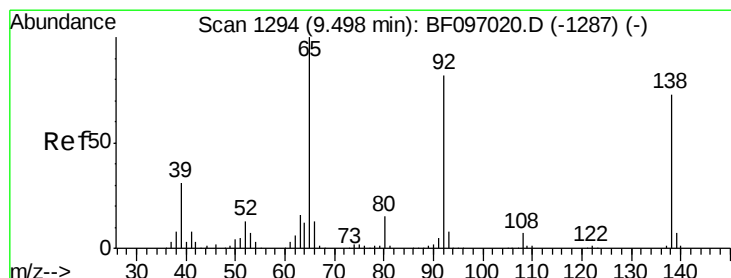
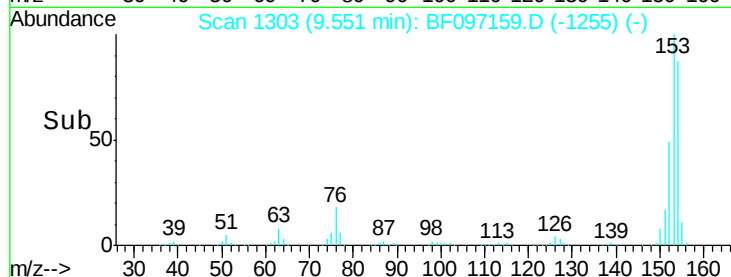
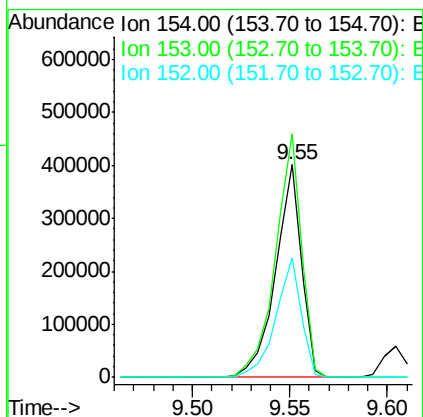
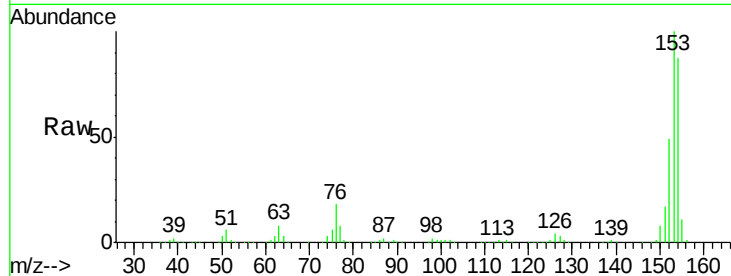




#51
Acenaphthene
Concen: 34.60 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

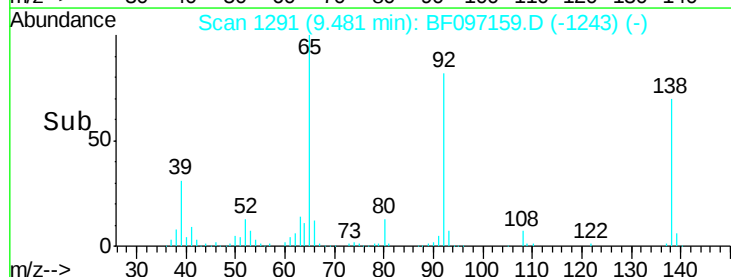
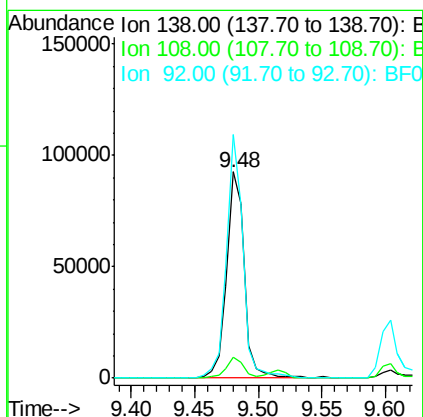
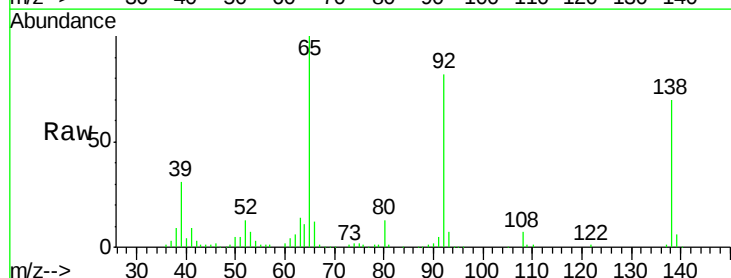
Instrument :
BNA_F
ClientSampleId :
PB101003BS

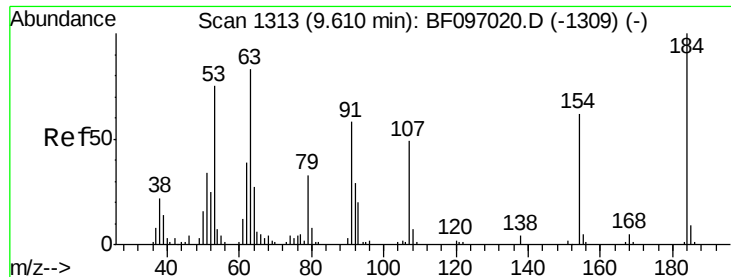
Tot Ion:154 Resp: 369290
Ion Ratio Lower Upper
154 100
153 114.7 90.5 135.7
152 56.0 43.6 65.4



#52
3-Nitroaniline
Concen: 23.86 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:138 Resp: 89568
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 118.1 93.8 140.6

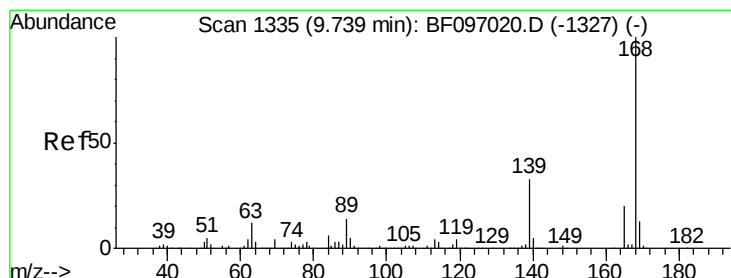
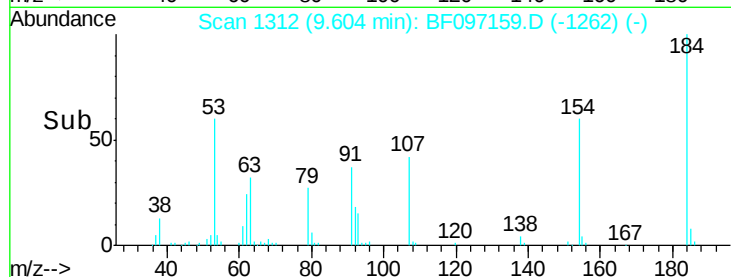
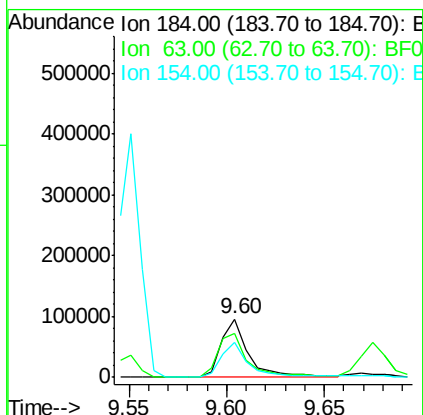
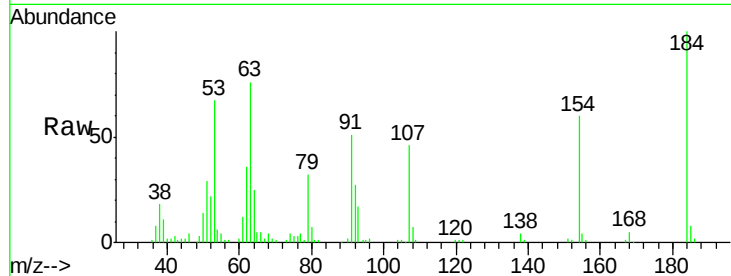




#53
 2,4-Dinitrophenol
 Concen: 69.69 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

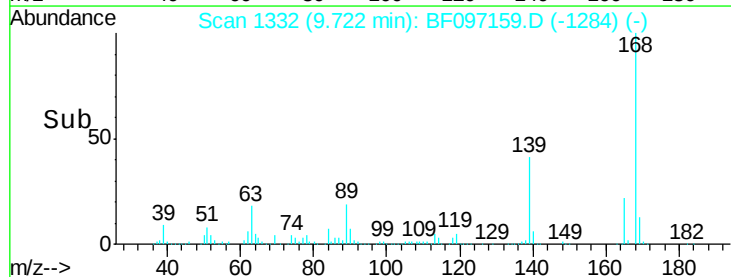
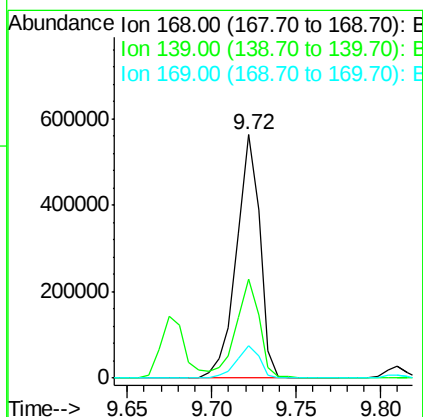
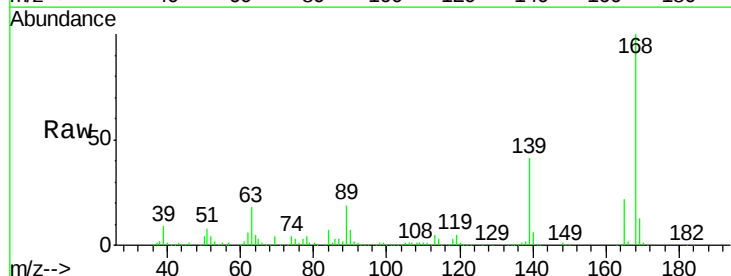
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

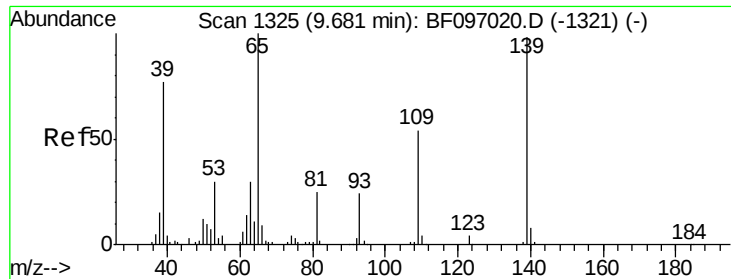
Tot Ion:184 Resp: 95850
 Ion Ratio Lower Upper
 184 100
 63 75.6 62.7 94.1
 154 60.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.13 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion:168 Resp: 542012
 Ion Ratio Lower Upper
 168 100
 139 40.5 30.6 45.8
 169 13.2 10.8 16.2

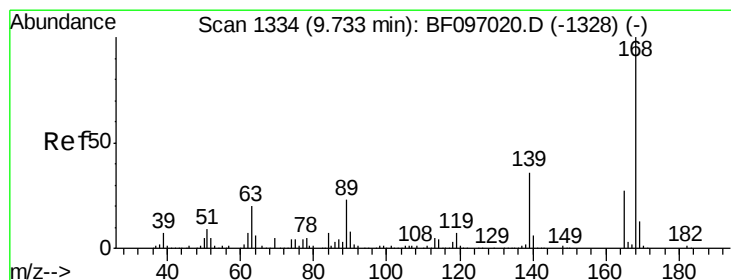
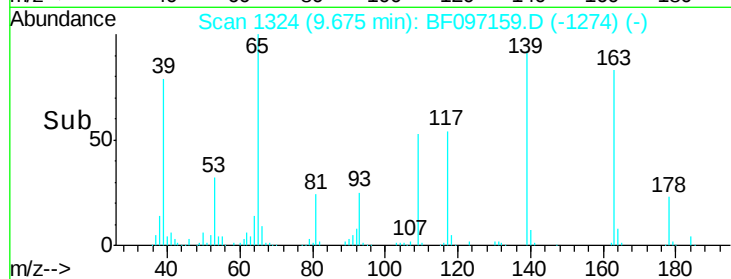
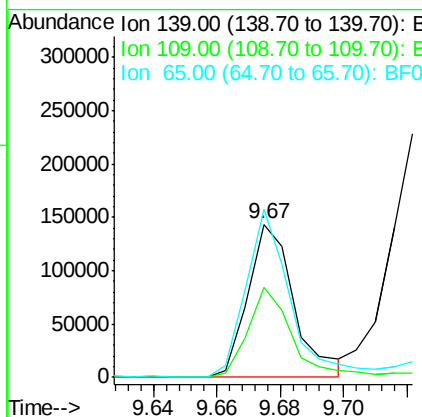
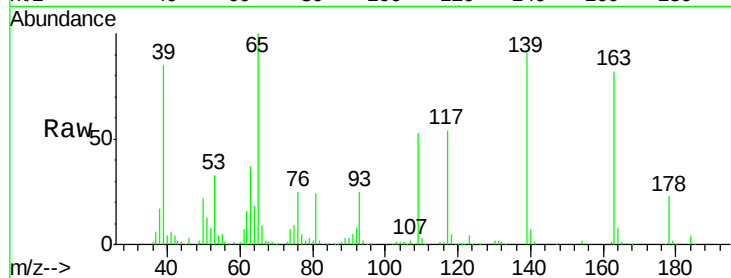




#55
4-Nitrophenol
Concen: 64.93 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

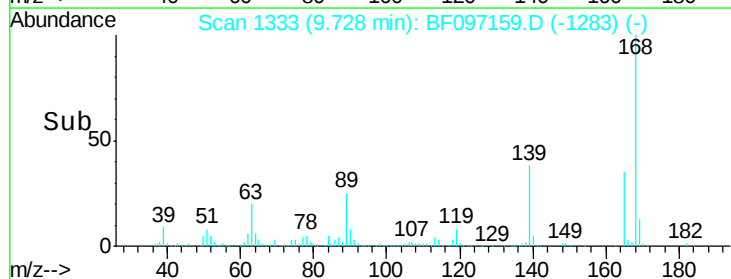
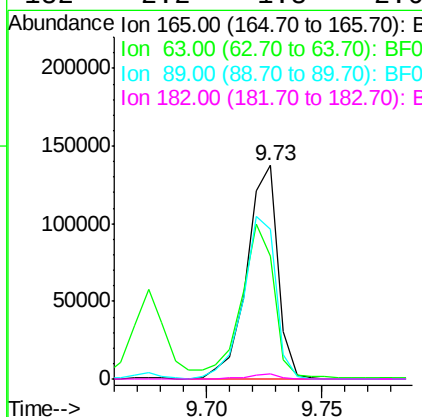
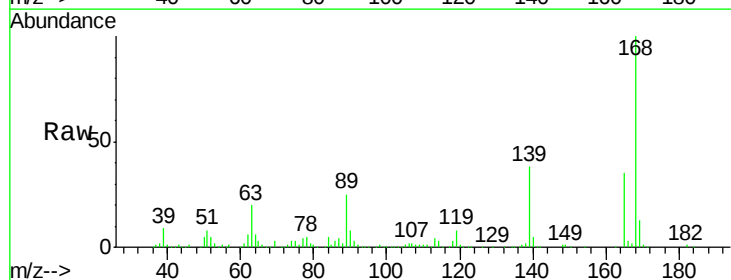
Instrument :
BNA_F
ClientSampleId :
PB101003BS

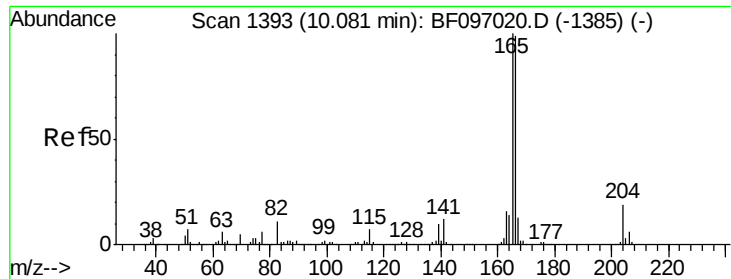
Tot Ion:139 Resp: 144961
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 109.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 37.29 ng
RT: 9.73 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:165 Resp: 129679
Ion Ratio Lower Upper
165 100
63 57.6 25.4 38.0#
89 70.0 46.4 69.6#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 39.85 ng

RT: 10.06 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

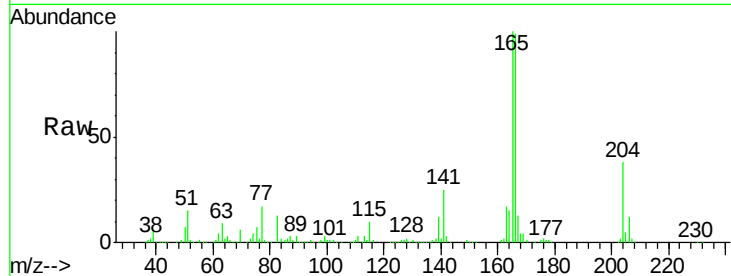
Tot Ion:166 Resp: 425756

Ion Ratio Lower Upper

166 100

165 101.1 78.8 118.2

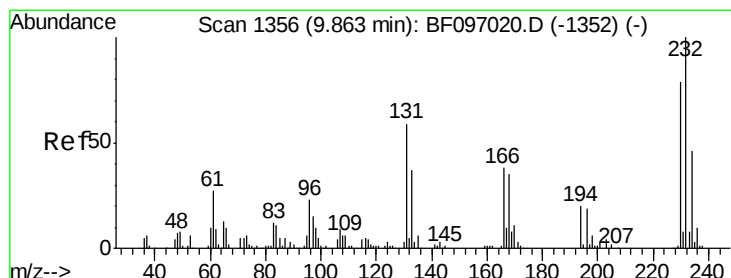
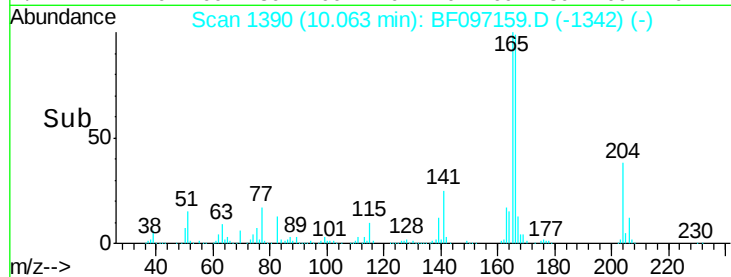
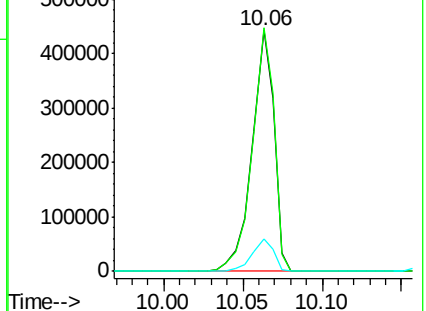
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.24 ng

RT: 9.85 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Tgt Ion:232 Resp: 93454

Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 2.2 2.3 3.5#

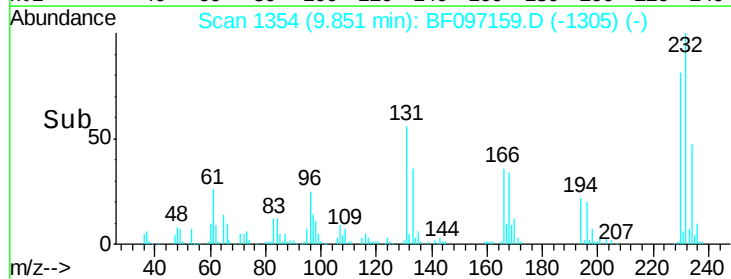
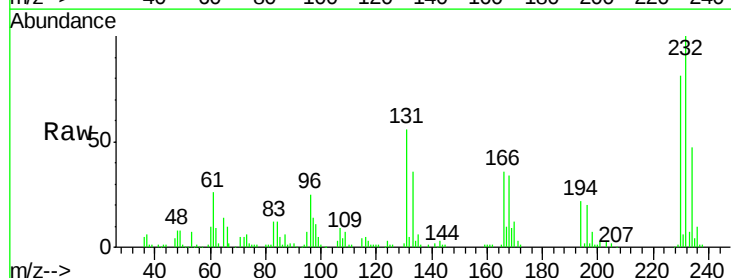
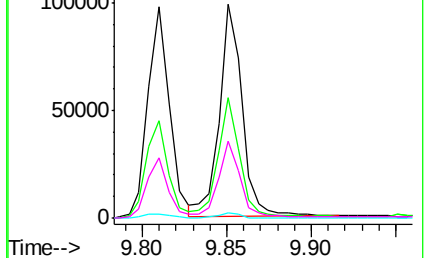
166 34.4 29.0 43.4

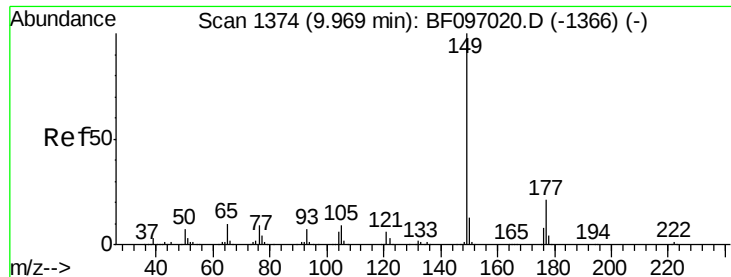
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

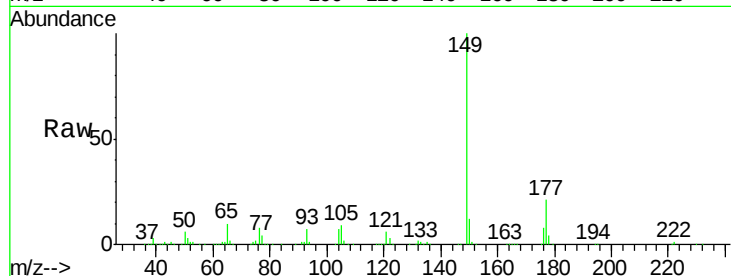




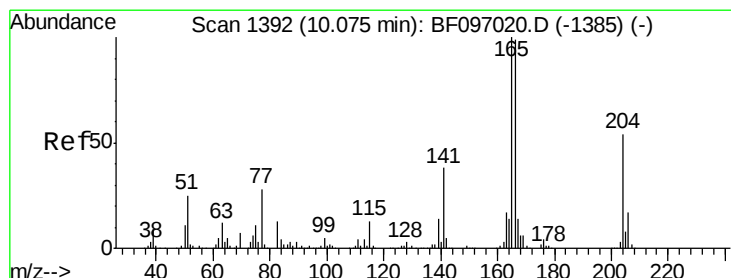
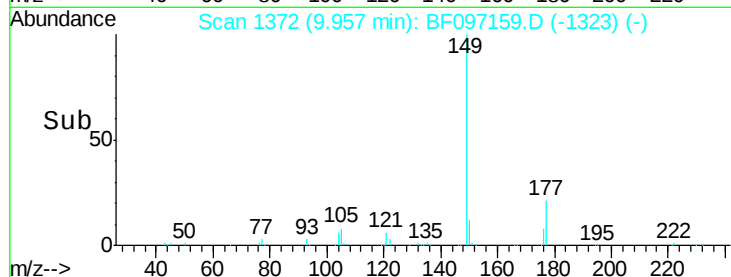
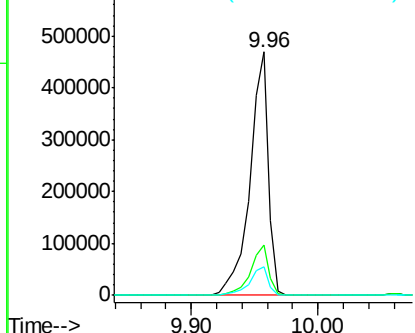
#59
Diethylphthalate
Concen: 36.42 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:149 Resp: 476519
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 11.7 10.2 15.2

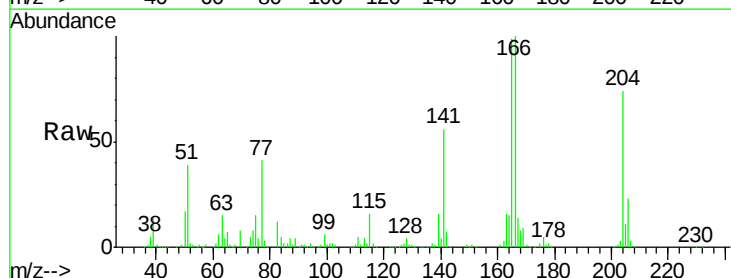


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

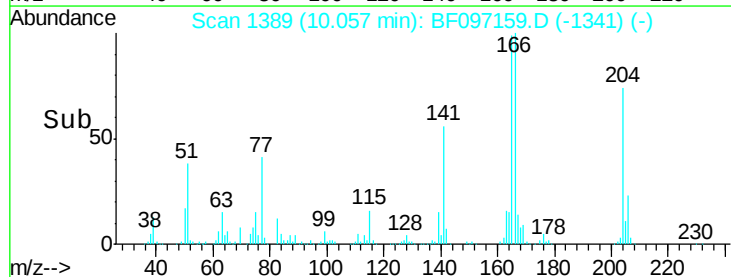
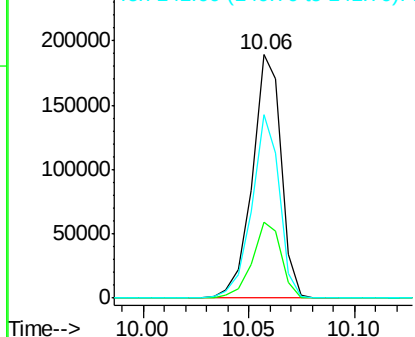


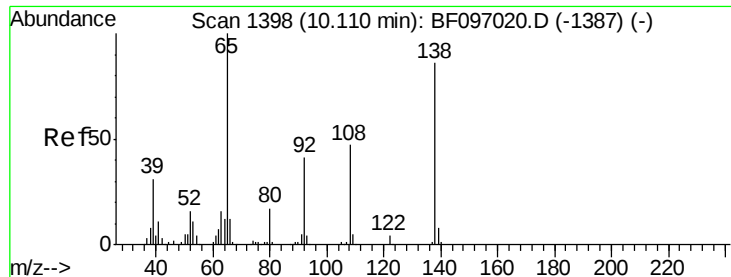
#60
4-Chlorophenyl-phenylether
Concen: 40.71 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:204 Resp: 179602
Ion Ratio Lower Upper
204 100
206 31.0 26.2 39.2
141 75.4 60.8 91.2



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

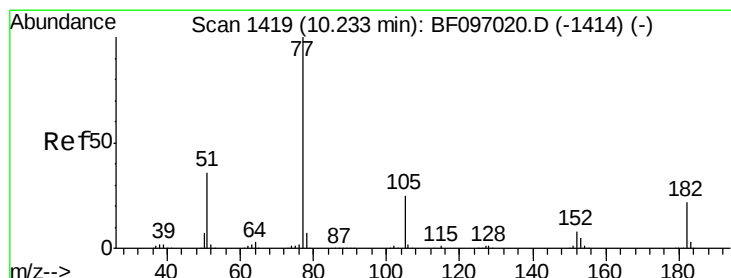
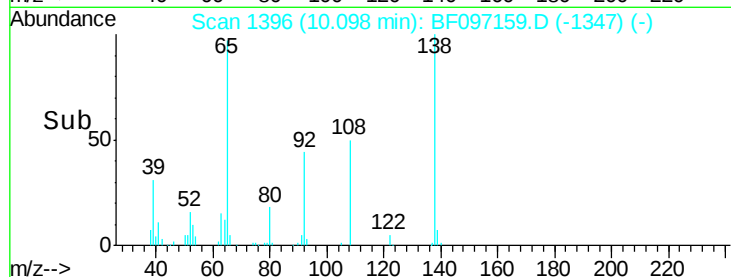
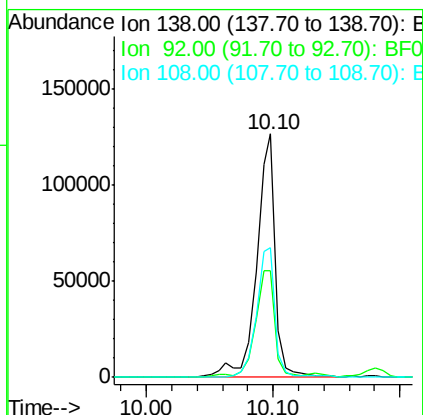
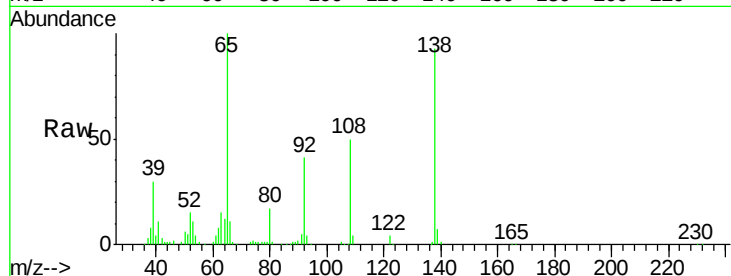




#61
4-Nitroaniline
Concen: 36.82 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

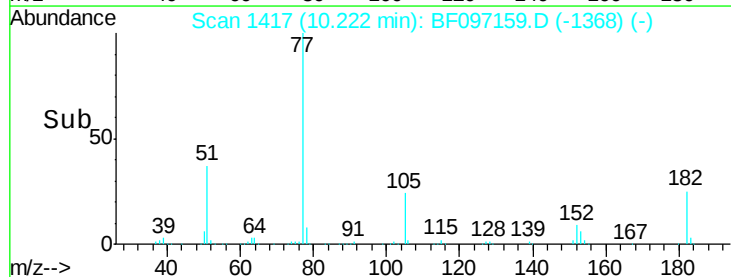
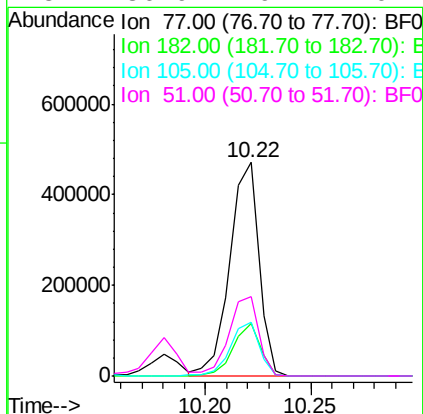
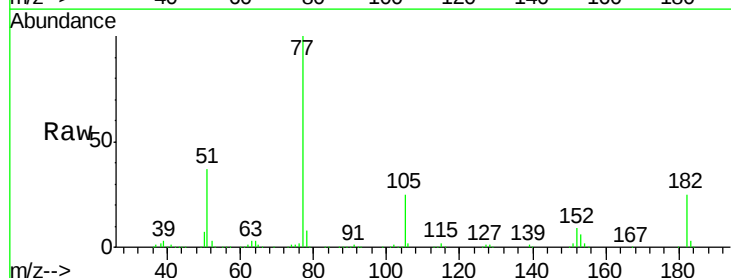
Instrument :
BNA_F
ClientSampleId :
PB101003BS

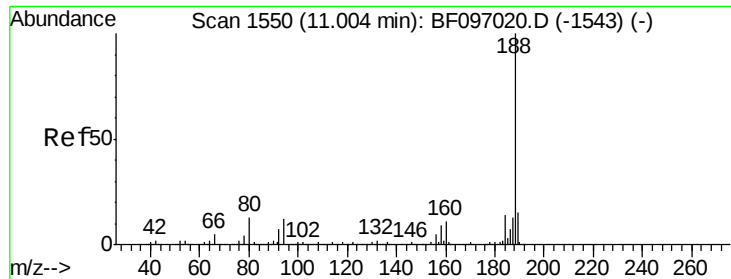
Tot Ion:138 Resp: 131337
Ion Ratio Lower Upper
138 100
92 43.8 21.8 61.8
108 53.5 42.3 82.3



#62
Azobenzene
Concen: 37.04 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion: 77 Resp: 449577
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 25.0 3.6 43.6
51 36.9 9.4 49.4

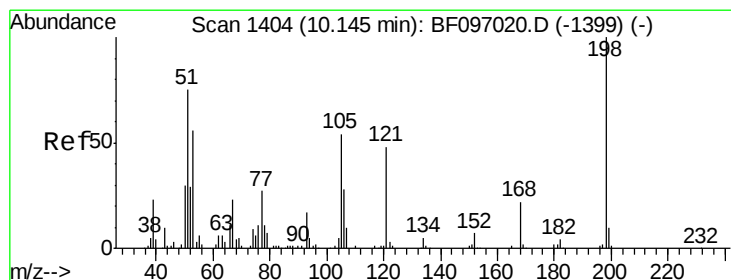
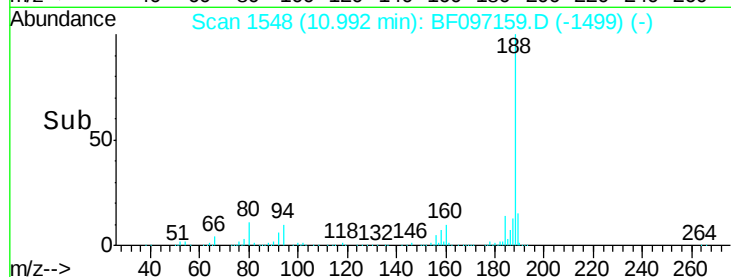
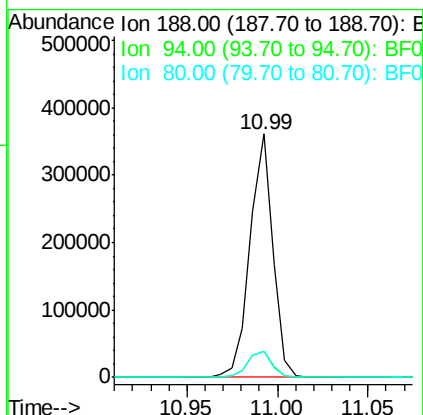
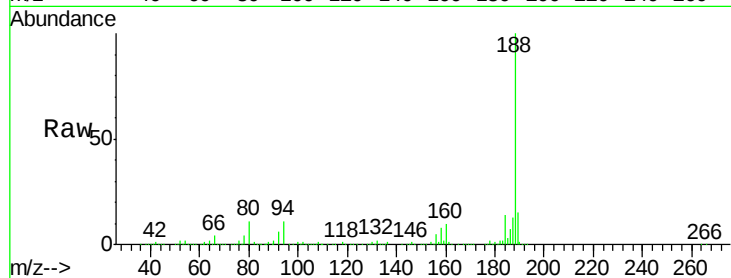




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

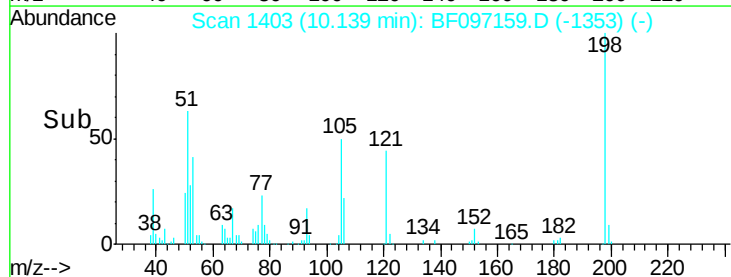
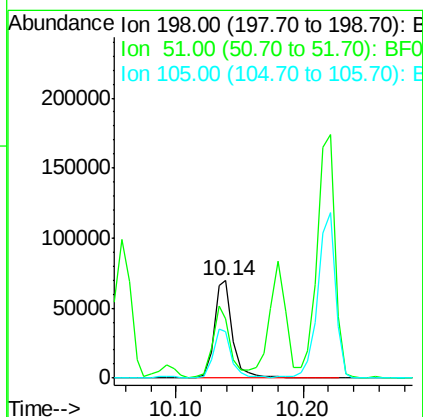
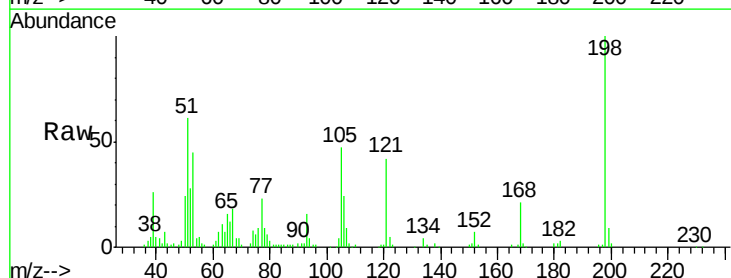
Instrument :
BNA_F
ClientSampleId :
PB101003BS

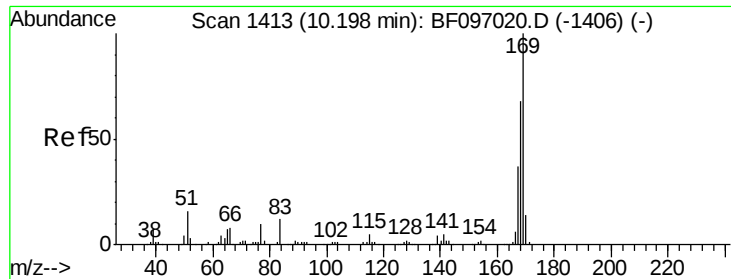
Tot Ion:188 Resp: 315695
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 36.15 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:198 Resp: 70916
Ion Ratio Lower Upper
198 100
51 61.0 53.2 93.2
105 47.3 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 35.63 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

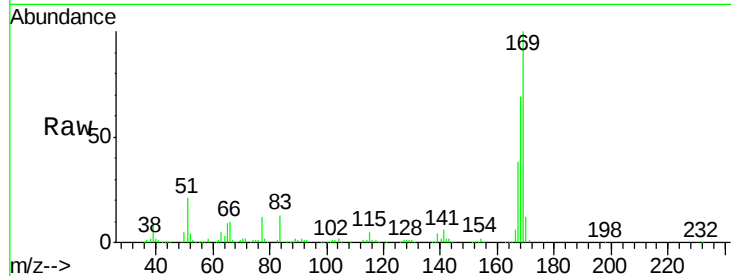
Tot Ion:169 Resp: 391369

Ion Ratio Lower Upper

169 100

168 68.8 53.2 79.8

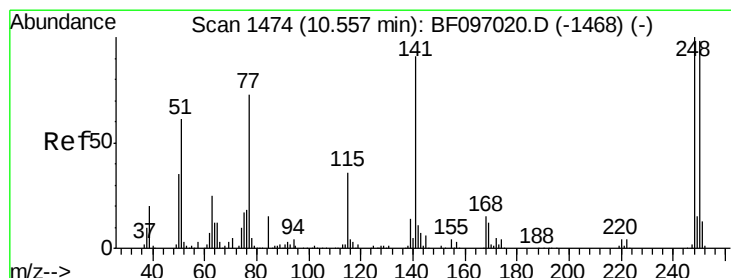
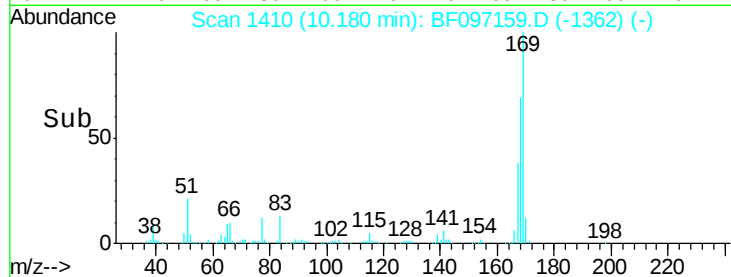
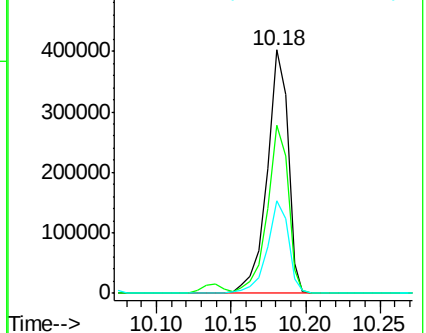
167 38.1 29.5 44.3



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: 35.38 ng

RT: 10.55 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

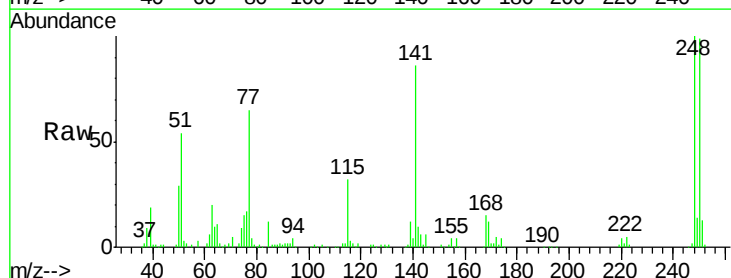
Tgt Ion:248 Resp: 111463

Ion Ratio Lower Upper

248 100

250 98.8 76.8 115.2

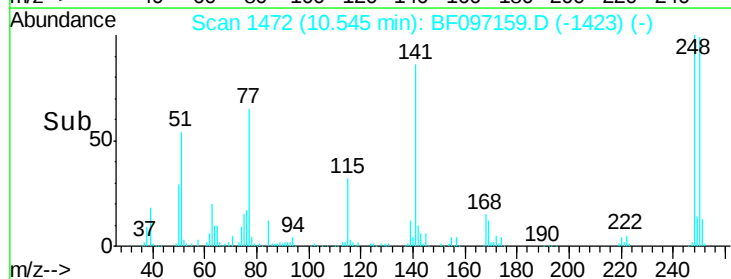
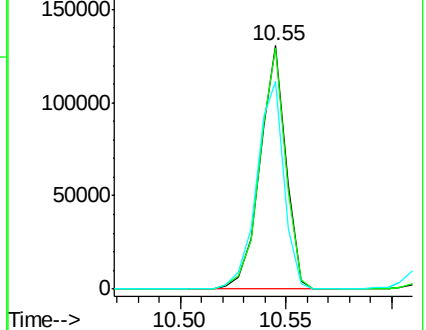
141 85.5 68.6 103.0

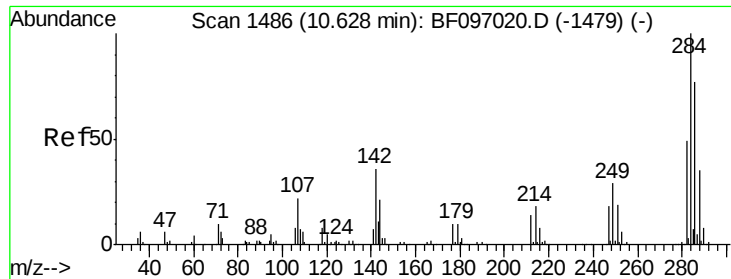


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.20 ng

RT: 10.62 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

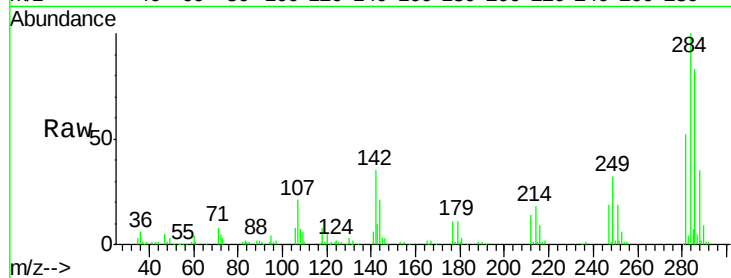
Tot Ion:284 Resp: 117299

Ion Ratio Lower Upper

284 100

142 34.9 22.8 34.2#

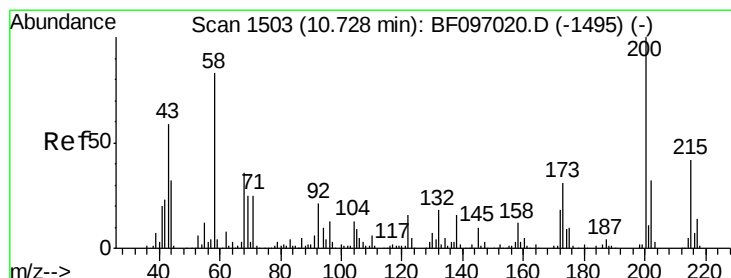
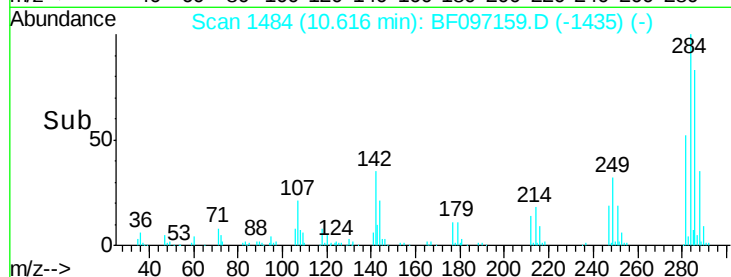
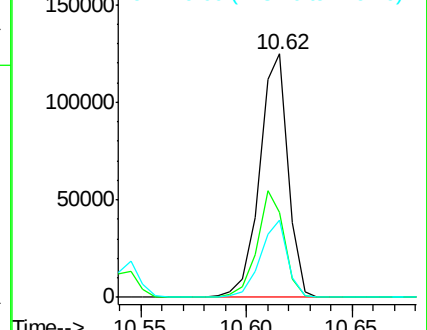
249 31.6 24.0 36.0



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: 35.27 ng

RT: 10.72 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

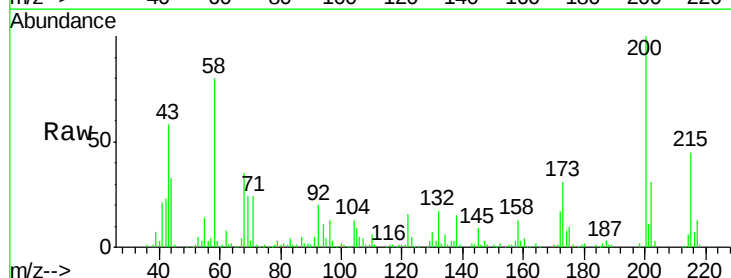
Tgt Ion:200 Resp: 111107

Ion Ratio Lower Upper

200 100

173 31.3 6.3 46.3

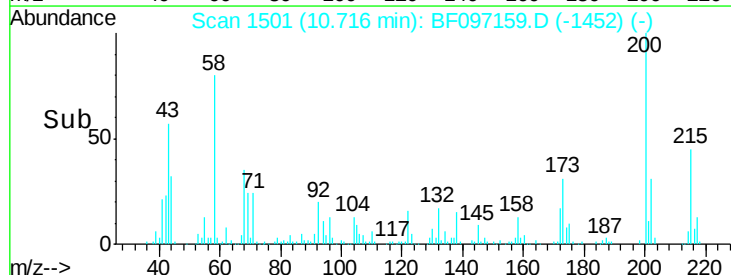
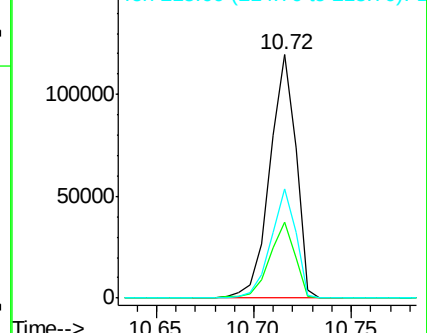
215 44.7 27.2 67.2

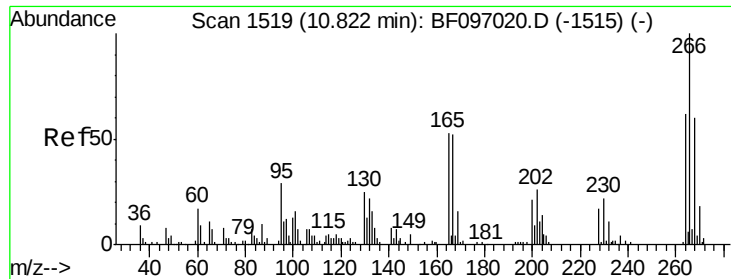


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

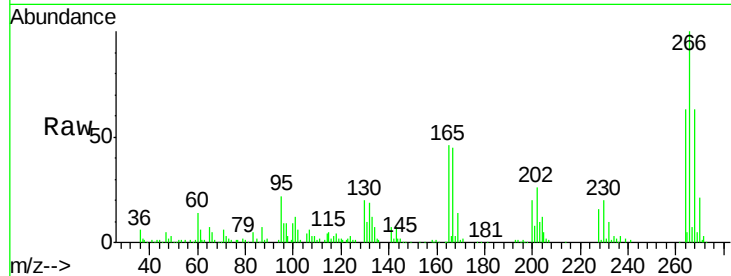




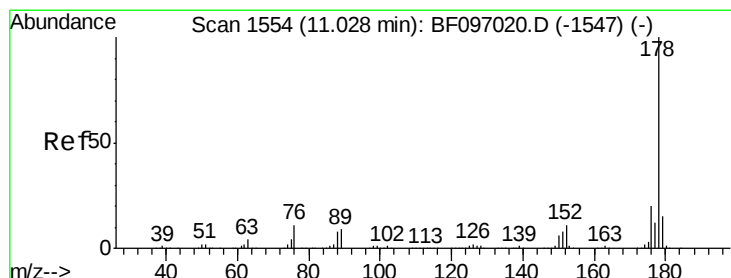
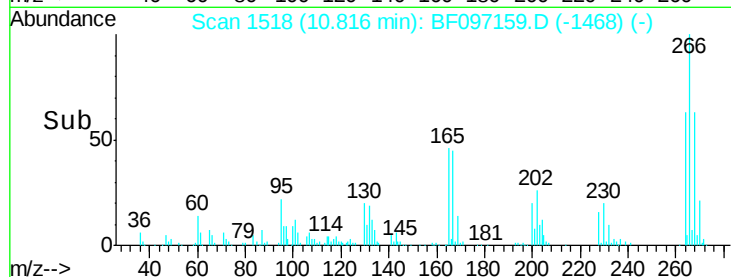
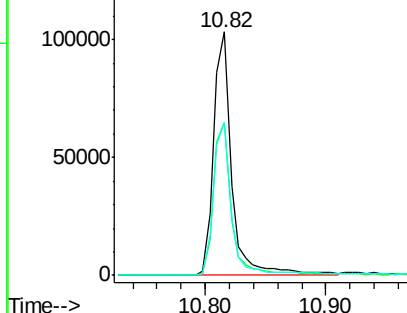
#69
 Pentachlorophenol
 Concen: 72.99 ng
 RT: 10.82 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:266 Resp: 106693
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 62.9 51.7 77.5

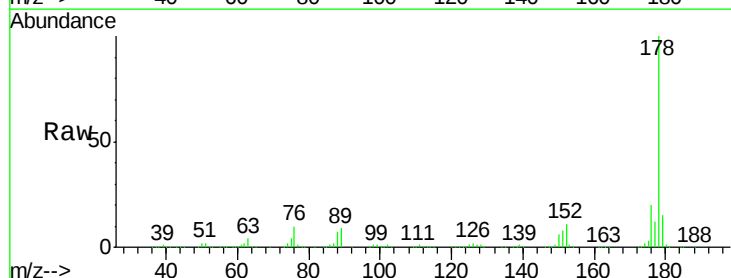


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

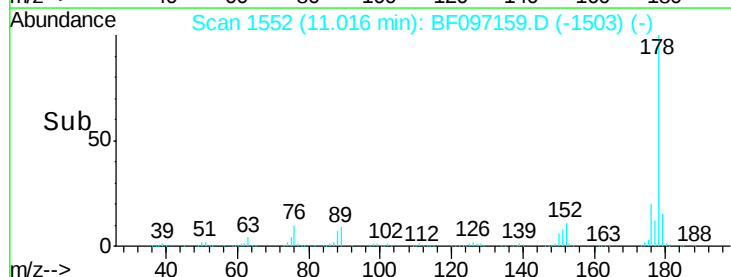
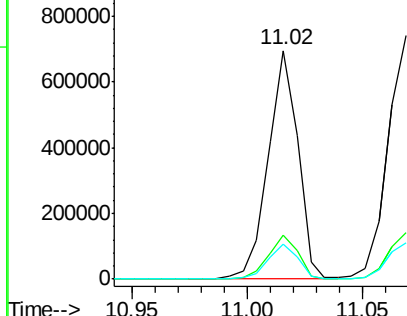


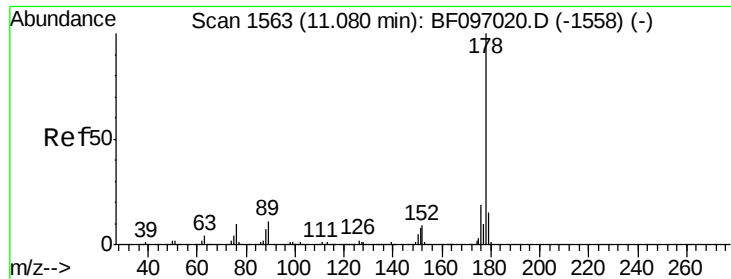
#70
 Phenanthrene
 Concen: 36.82 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion:178 Resp: 622862
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.4 12.6 19.0



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

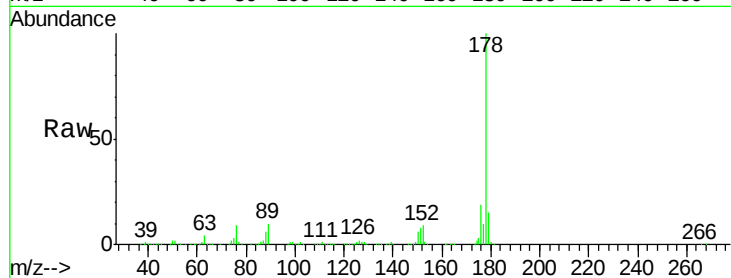




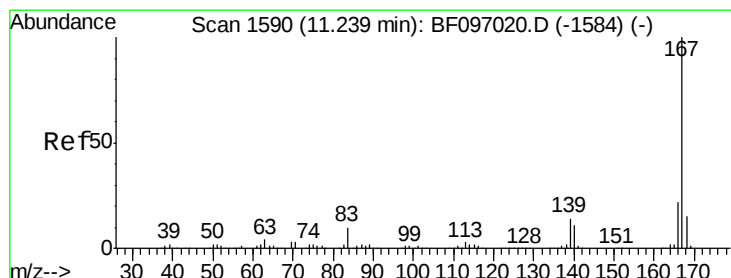
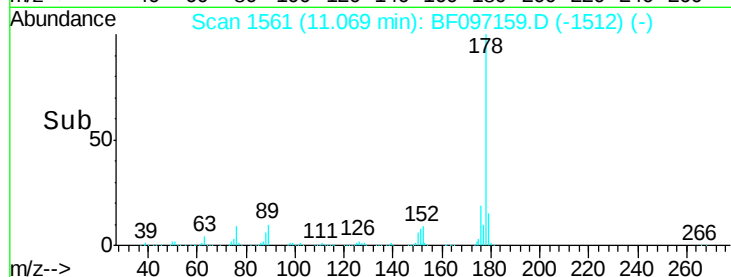
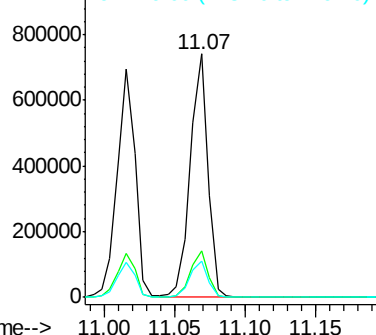
#71
 Anthracene
 Concen: 37.35 ng
 RT: 11.07 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:178 Resp: 647154
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.0 12.7 19.1

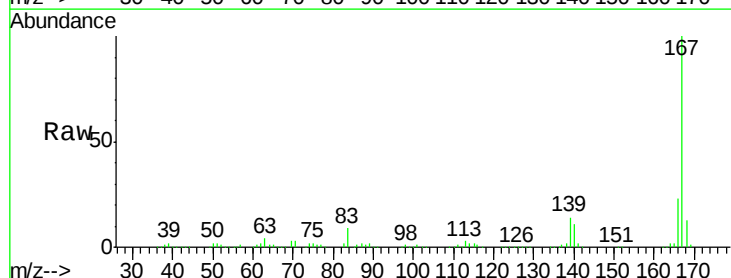


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

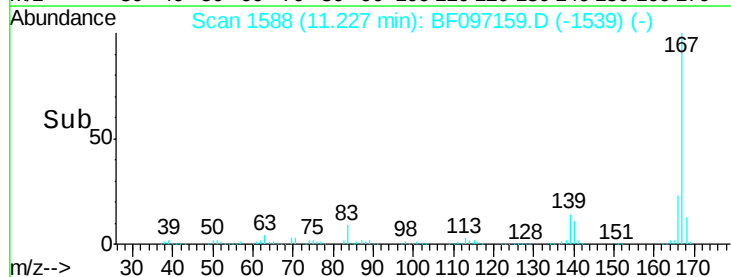
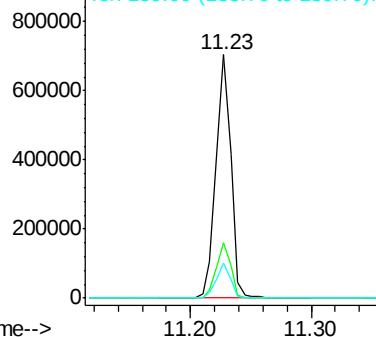


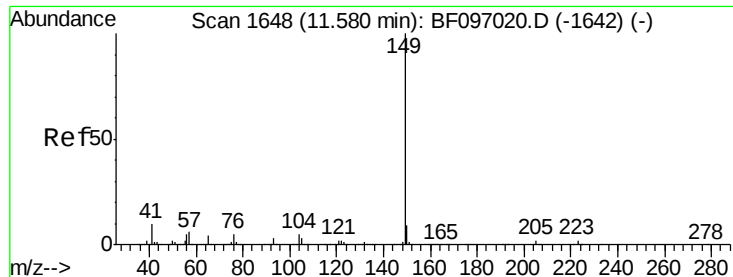
#72
 Carbazole
 Concen: 36.22 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion:167 Resp: 617067
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.2 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 37.28 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

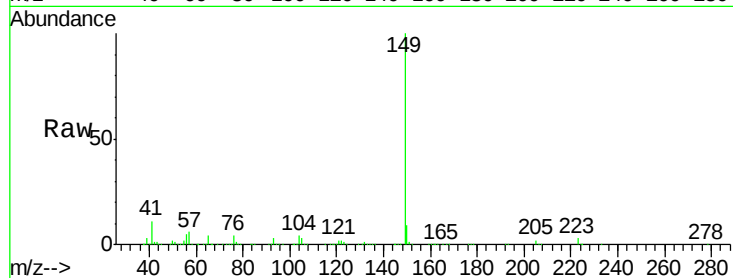
Tot Ion:149 Resp: 785200

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

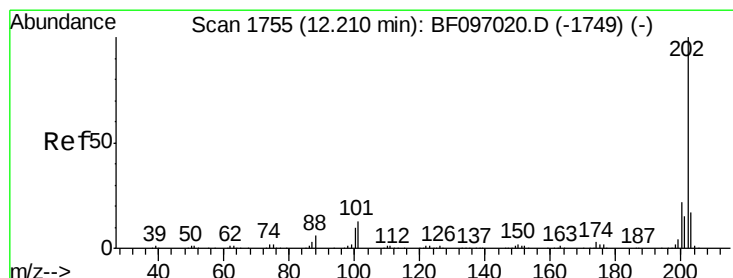
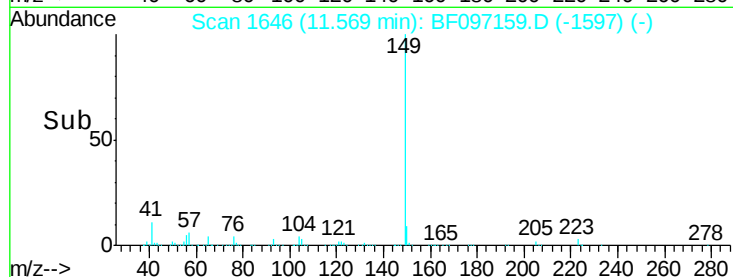
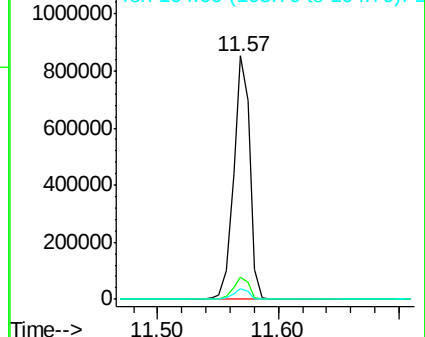
104 4.5 4.0 6.0



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: 37.92 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

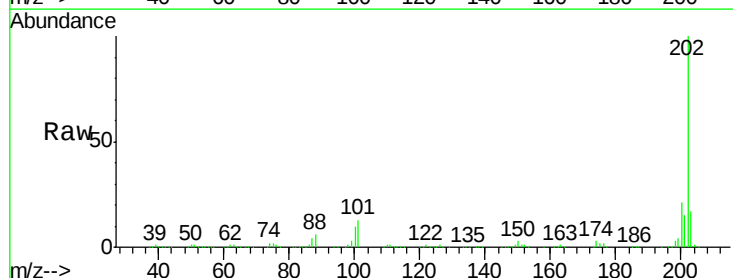
Tgt Ion:202 Resp: 628395

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

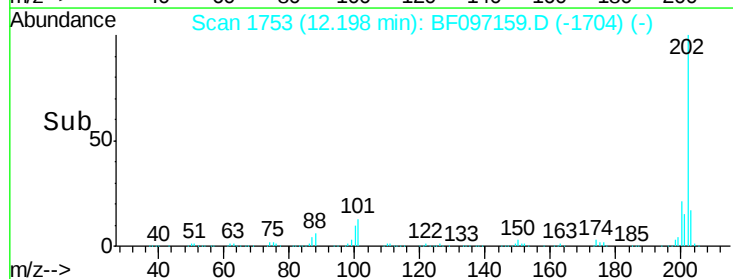
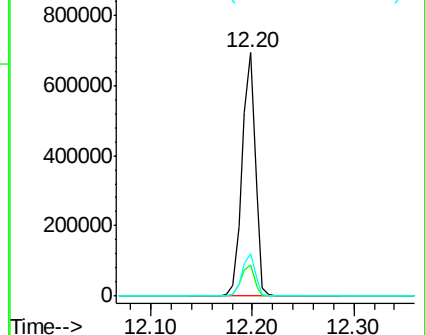
203 17.4 0.0 38.1

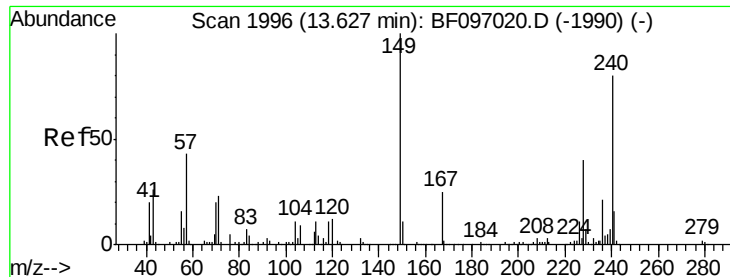


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

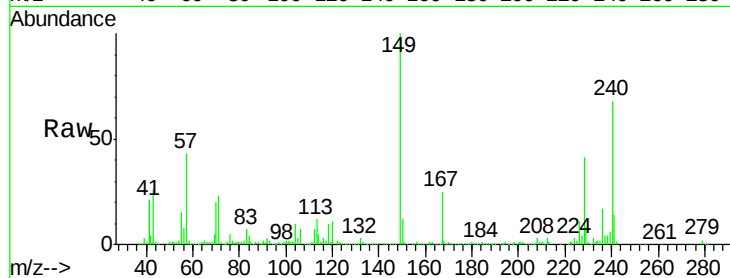
Tot Ion:240 Resp: 218716

Ion Ratio Lower Upper

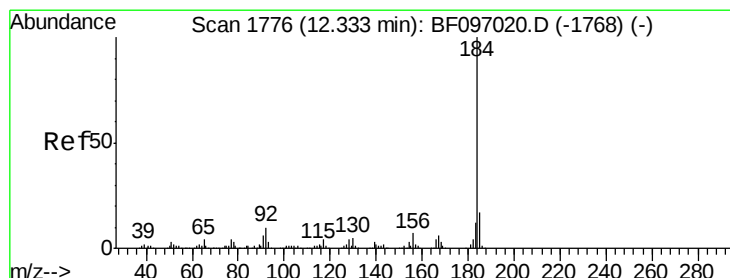
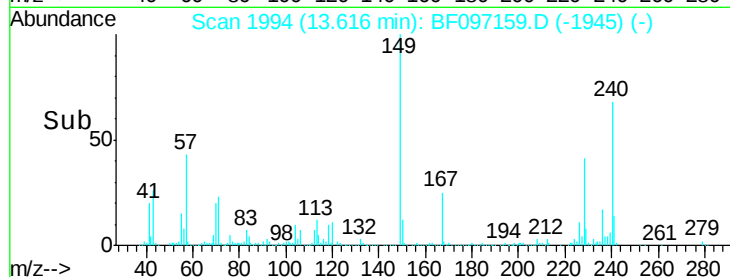
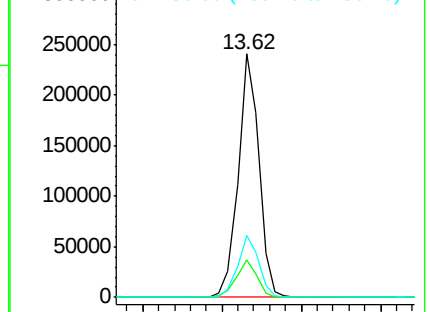
240 100

120 15.5 5.8 8.8#

236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.07 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

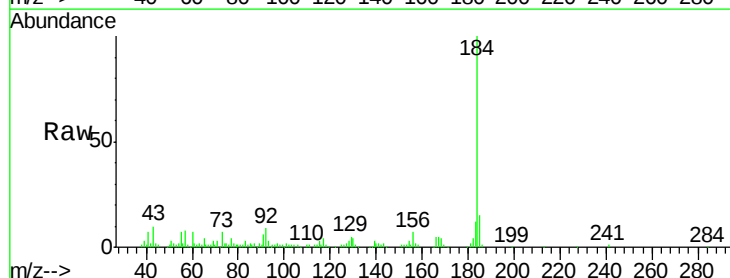
Tgt Ion:184 Resp: 89870

Ion Ratio Lower Upper

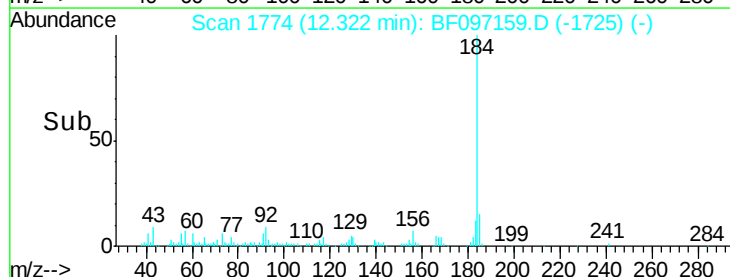
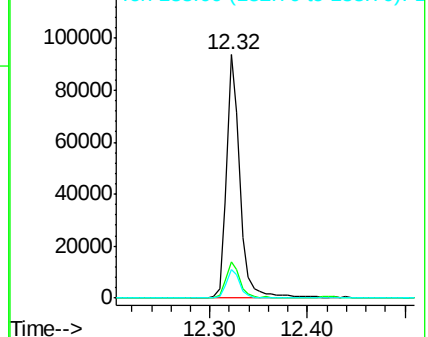
184 100

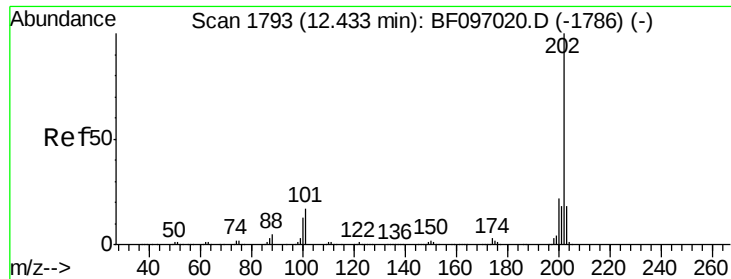
185 15.0 15.5 23.3#

183 11.8 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

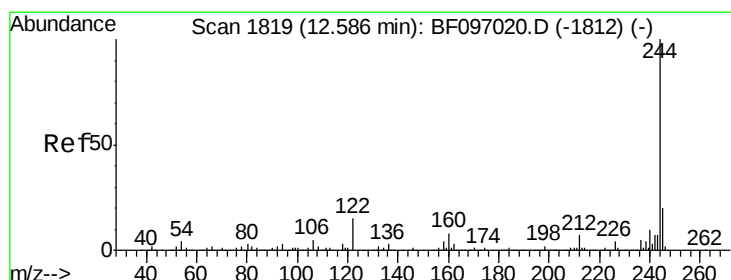
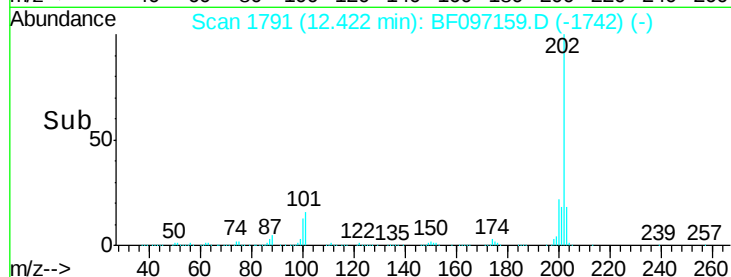
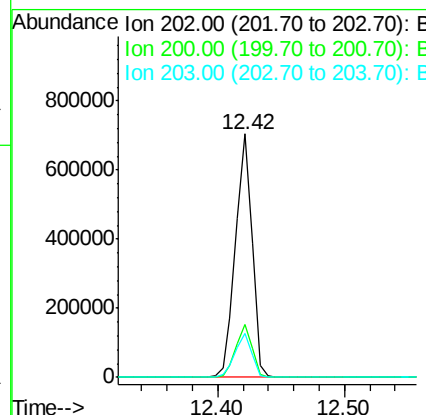
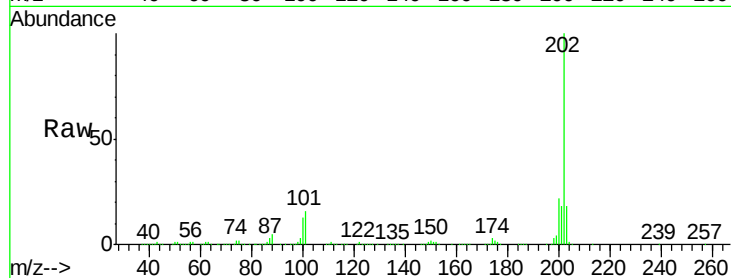




#77
Pvrene
Concen: 35.37 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

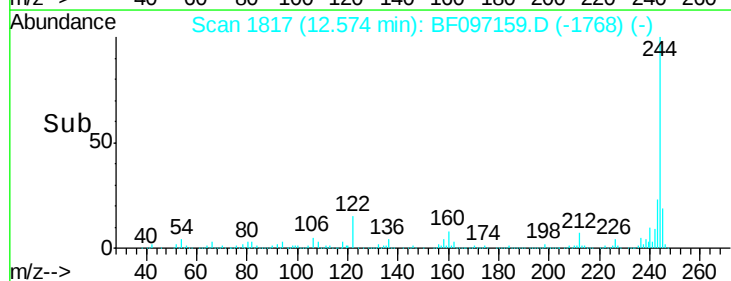
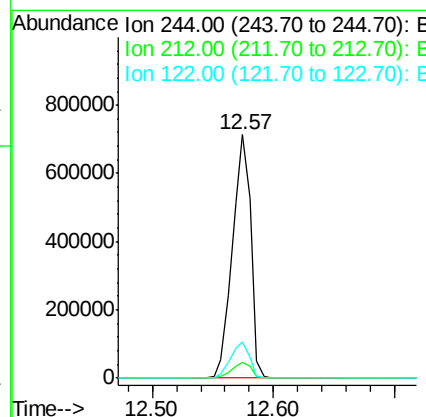
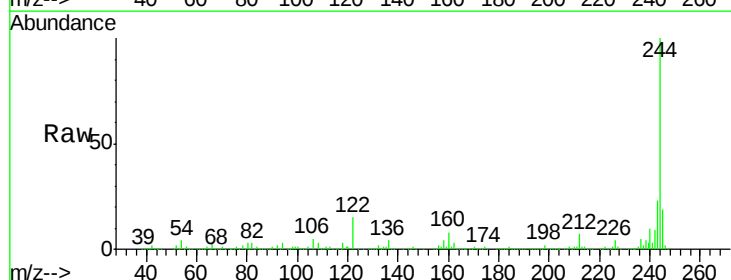
Instrument :
BNA_F
ClientSampleId :
PB101003BS

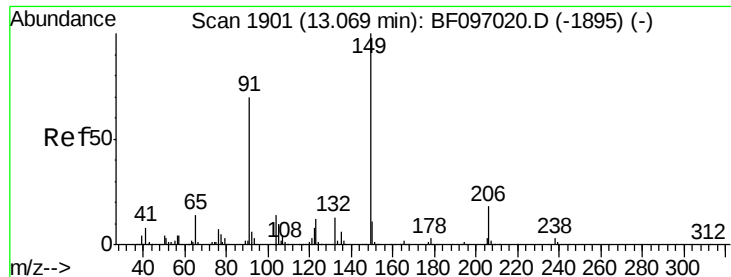
Tot Ion:202 Resp: 633368
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 69.72 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:244 Resp: 747962
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.9 10.3 15.5

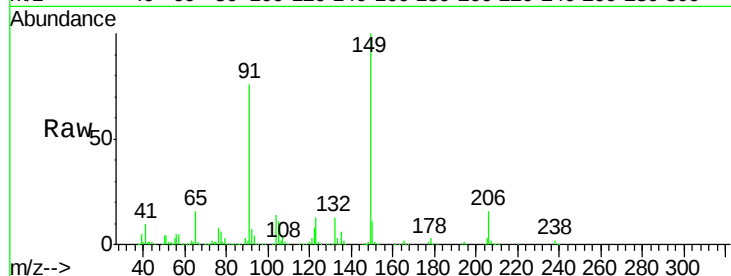




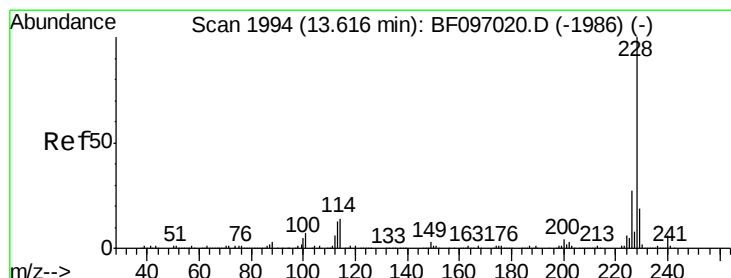
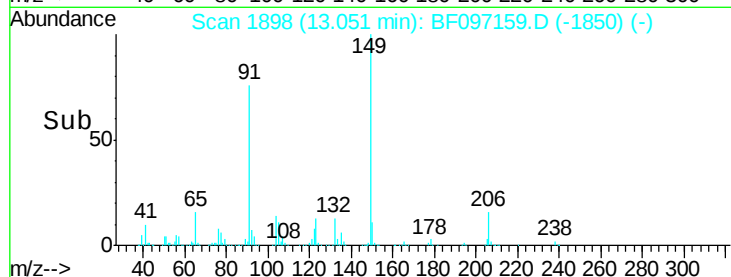
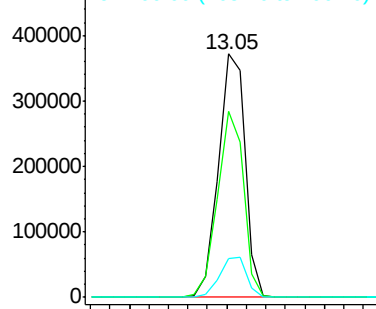
#79
Butylbenzylphthalate
Concen: 38.83 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:149 Resp: 353695
Ion Ratio Lower Upper
149 100
91 76.3 45.0 67.4#
206 15.9 17.0 25.6#

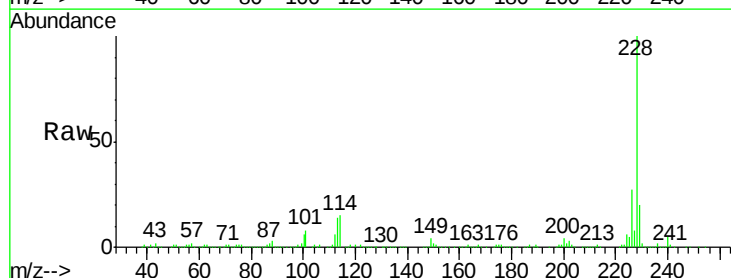


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

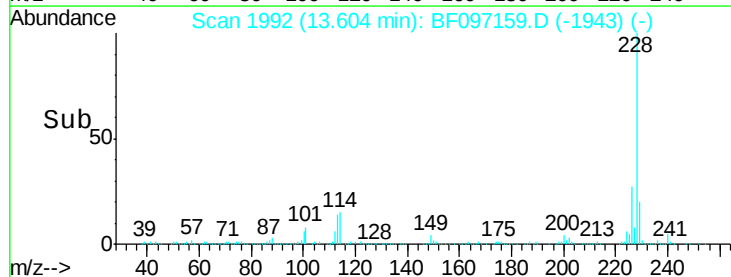
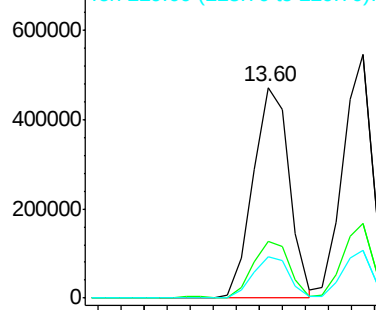


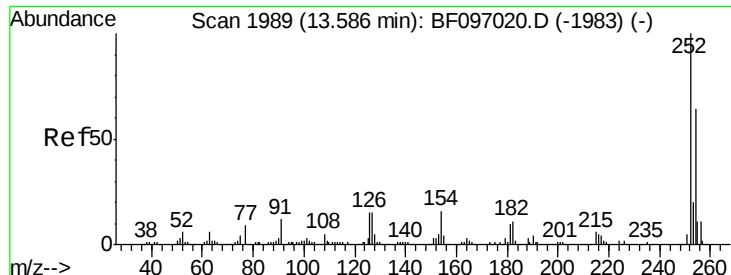
#80
Benzo(a)anthracene
Concen: 36.11 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:228 Resp: 510968
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.8 16.3 24.5



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

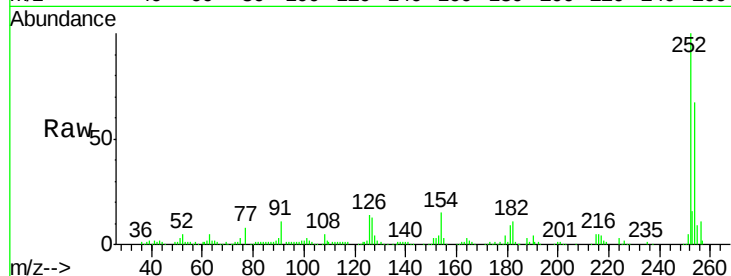




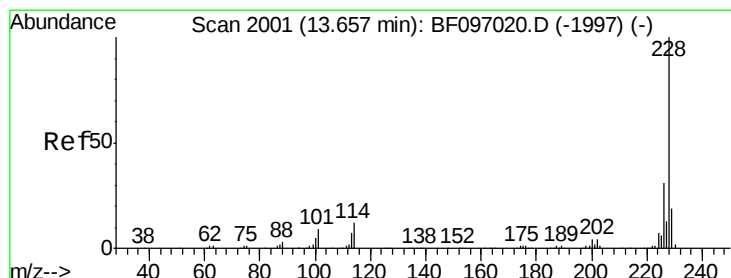
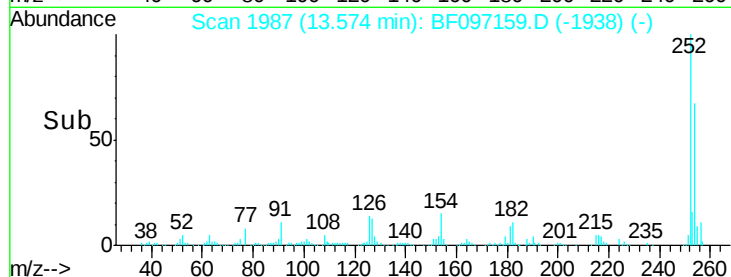
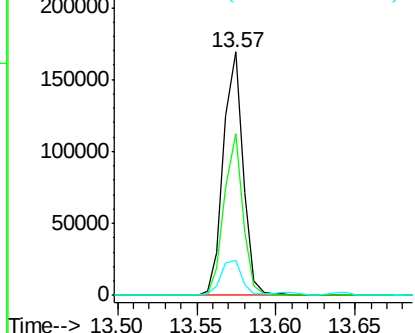
#81
 3,3'-Dichlorobenzidine
 Concen: 27.49 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:252 Resp: 146701
 Ion Ratio Lower Upper
 252 100
 254 66.6 51.5 77.3
 126 14.4 15.8 23.8#

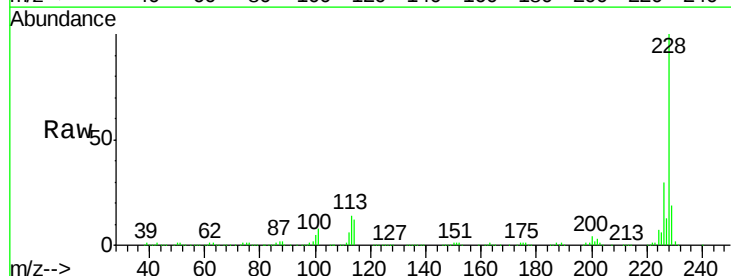


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

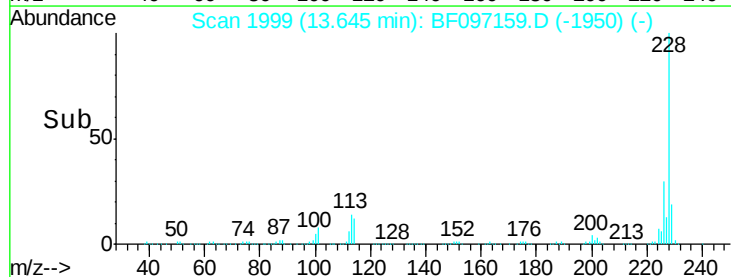
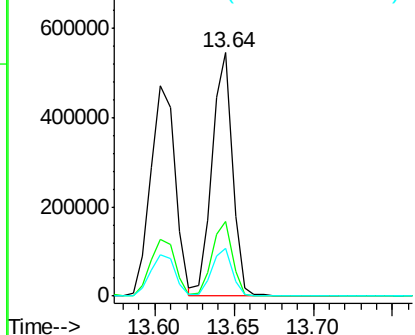


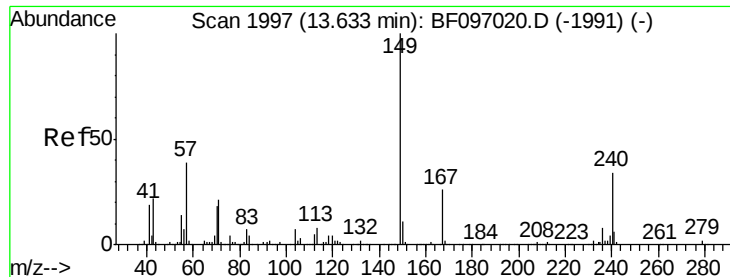
#82
 Chrysene
 Concen: 35.57 ng
 RT: 13.64 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF097159.D
 Acq: 28 Jul 2017 17:44

Tgt Ion:228 Resp: 491577
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.4 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: 36.64 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

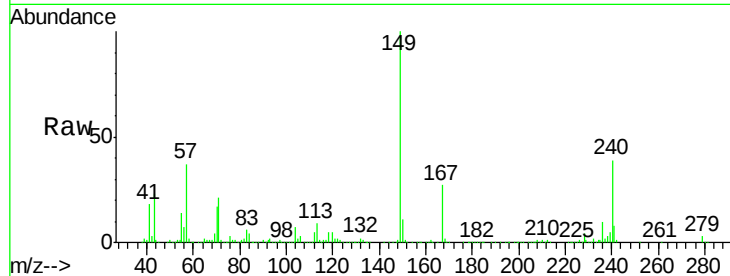
Tot Ion:149 Resp: 435756

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

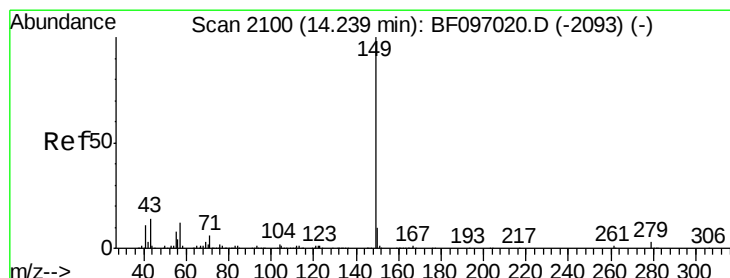
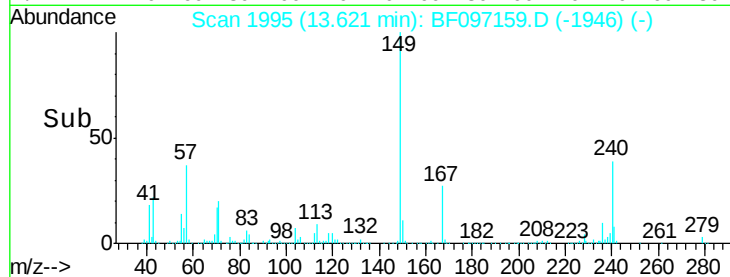
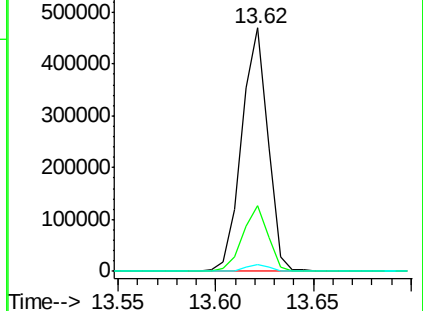
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.60 ng

RT: 14.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

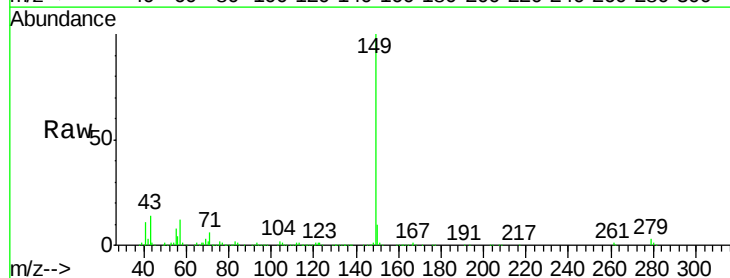
Tgt Ion:149 Resp: 689571

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

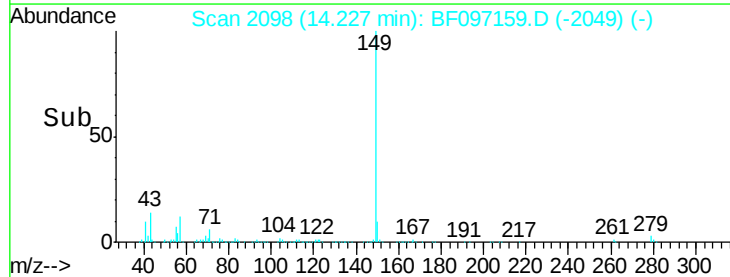
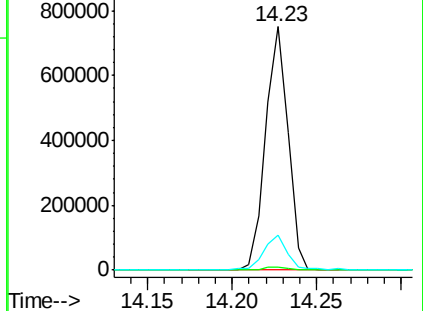
43 14.4 8.5 12.7#

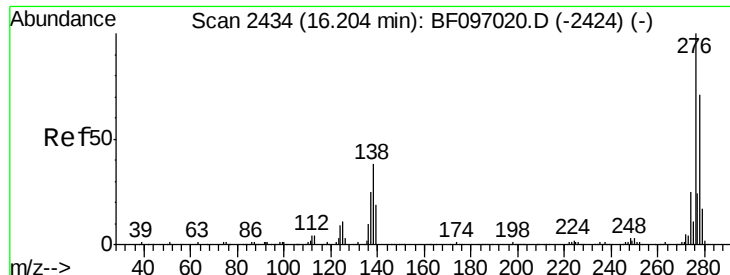


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

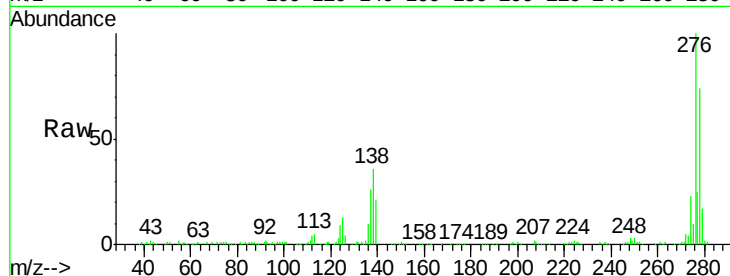




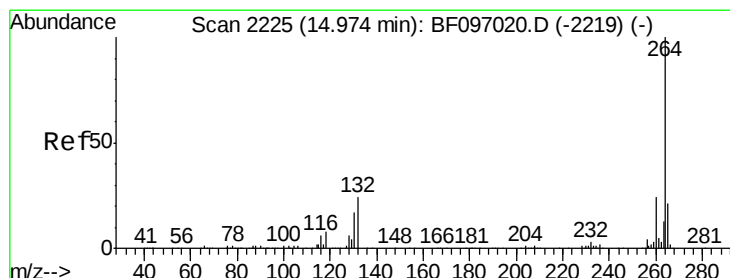
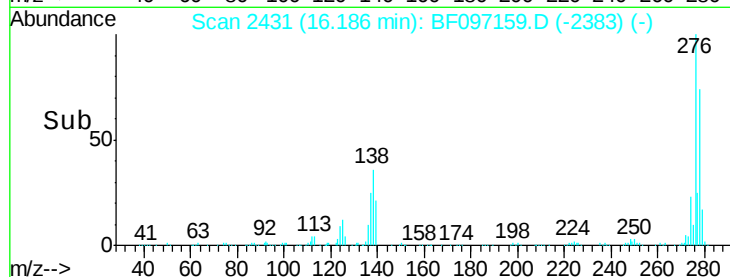
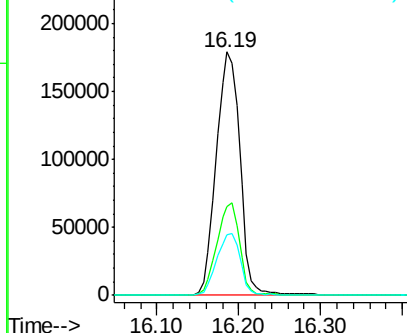
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.63 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:276 Resp: 362911
Ion Ratio Lower Upper
276 100
138 36.7 27.8 41.6
277 25.5 20.2 30.4

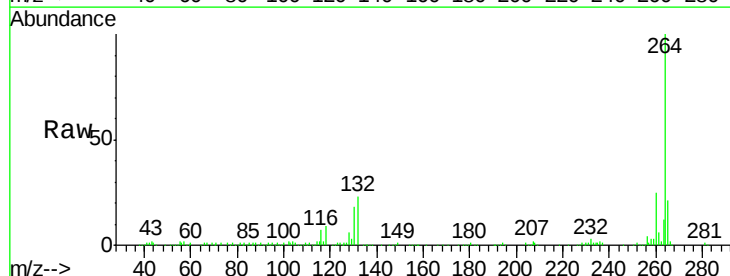


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

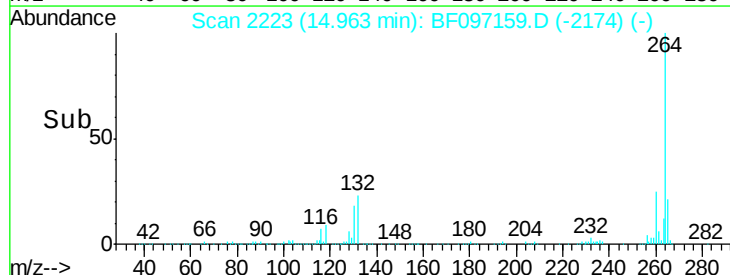
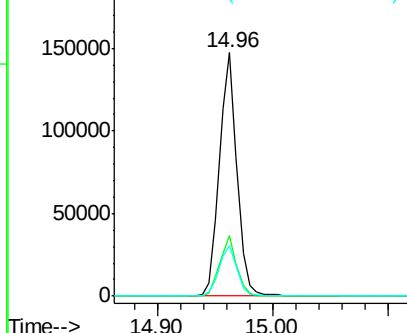


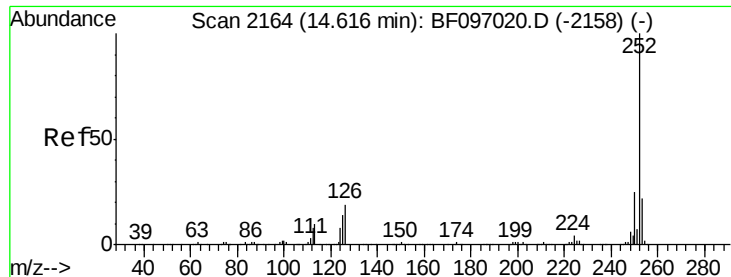
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion:264 Resp: 155615
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 20.9 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 38.60 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

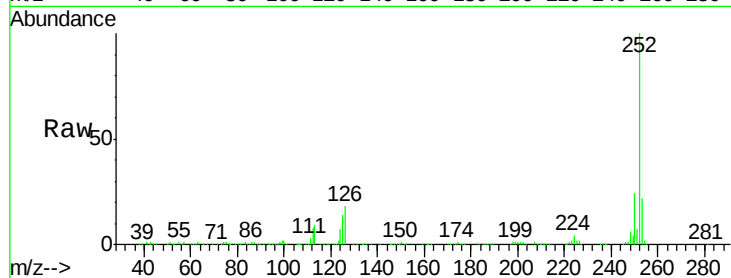
Tot Ion:252 Resp: 361064

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

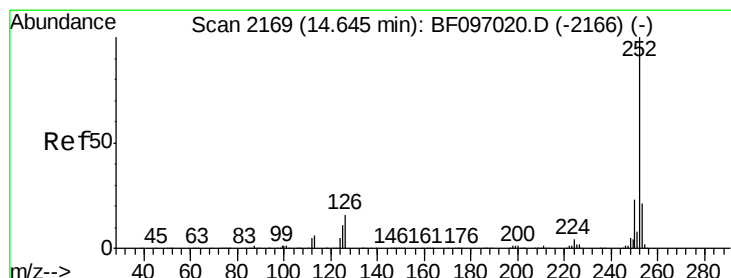
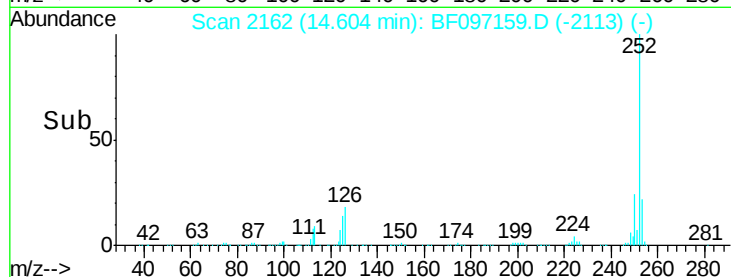
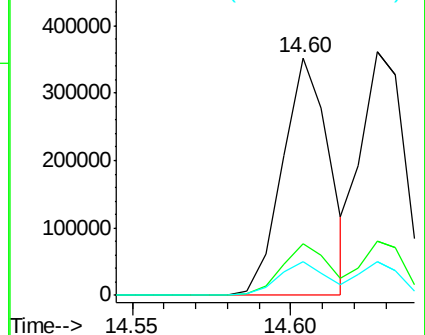
125 14.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.46 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

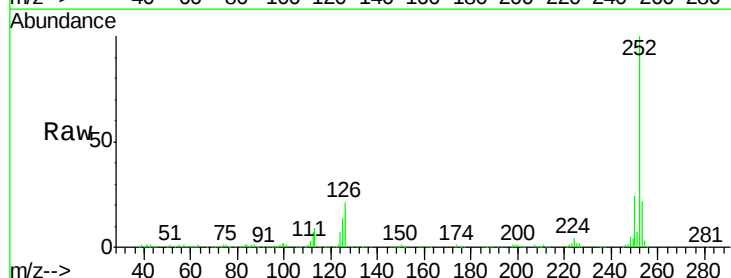
Tgt Ion:252 Resp: 351724

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

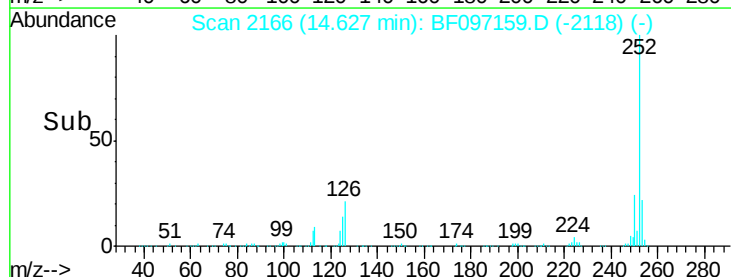
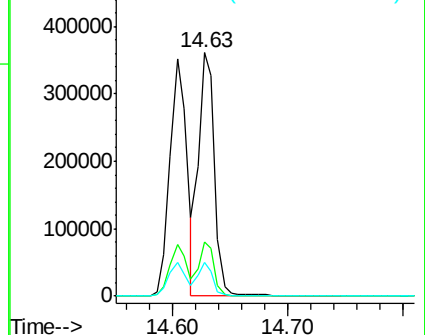
125 14.0 13.1 19.7

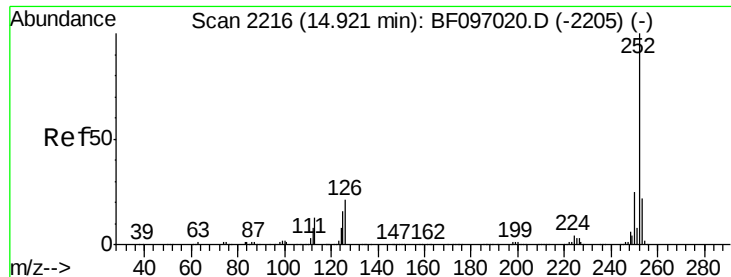


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

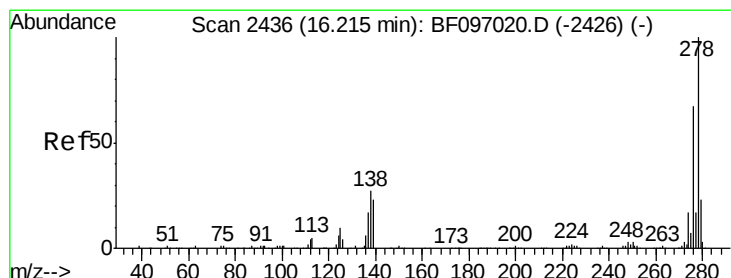
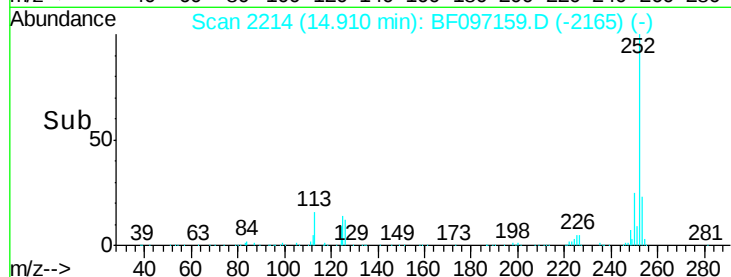
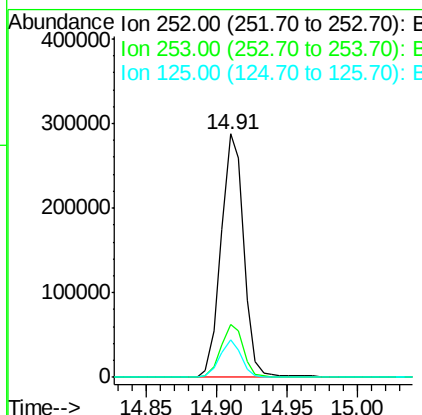
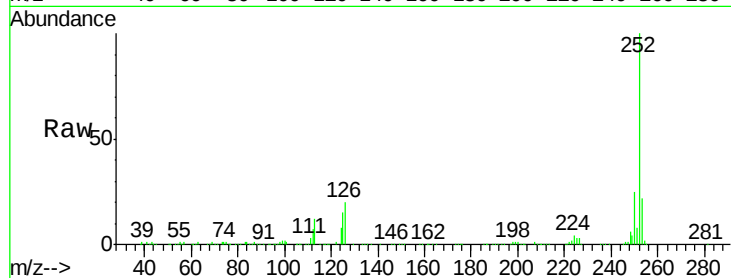




#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

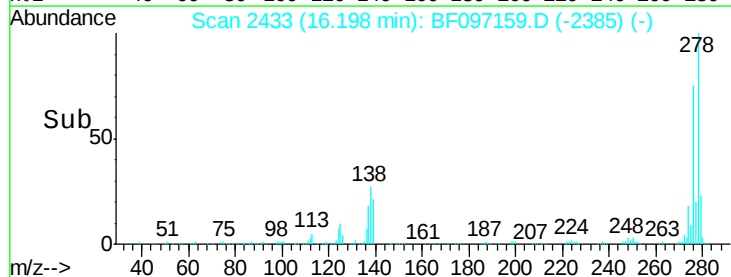
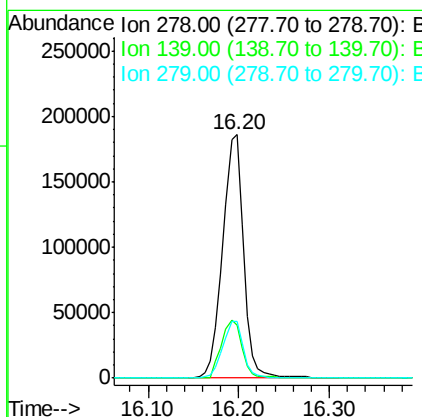
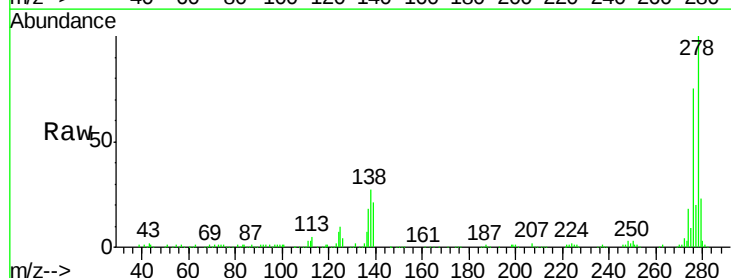
Instrument :
BNA_F
ClientSampleId :
PB101003BS

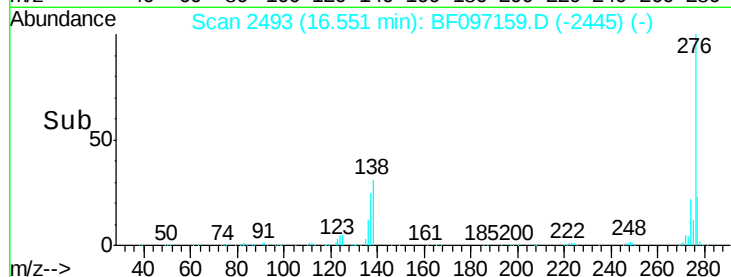
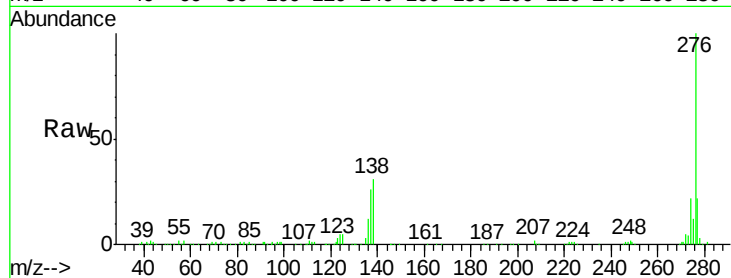
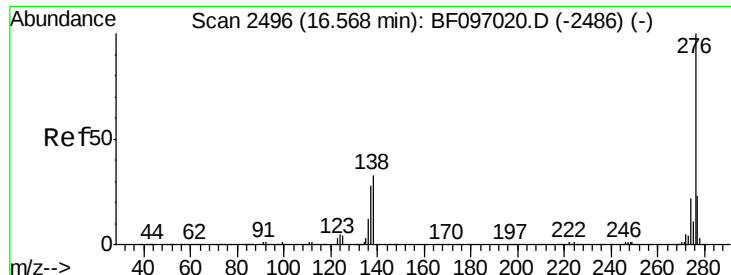
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.4	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.55 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BF097159.D
Acq: 28 Jul 2017 17:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.26 ng

RT: 16.55 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BF097159.D

Acq: 28 Jul 2017 17:44

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion:276 Resp: 325828

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 30.9 25.4 38.0

