

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097503.D
 Acq On : 9 Aug 2017 8:03
 Operator : SJ/JU
 Sample : PB101261BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Quant Time: Aug 09 08:33:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	101528	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	363778	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	156546	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	230470	20.00	ng	0.00
75) Chrysene-d12	13.53	240	146678	20.00	ng	0.00
86) Perylene-d12	14.87	264	112703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.02	112	843310	125.21	ng	0.01
7) Phenol-d6	6.09	99	928542	120.77	ng	0.00
23) Nitrobenzene-d5	6.99	82	564770	91.08	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	141939	114.76	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	884499	95.89	ng	0.00
78) Terphenyl-d14	12.49	244	534892	74.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	112925	40.18	ng	# 71
3) Pyridine	2.57	79	317033	36.84	ng	# 61
4) n-Nitrosodimethylamine	2.54	42	198105	41.55	ng	# 78
6) Aniline	6.07	93	178927	18.49	ng	90
8) 2-Chlorophenol	6.20	128	285823	39.69	ng	98
9) Benzaldehyde	5.95	77	110049	24.18	ng	97
10) Phenol	6.10	94	346418	37.98	ng	97
11) bis(2-Chloroethyl)ether	6.16	93	282349	39.14	ng	90
12) 1,3-Dichlorobenzene	6.35	146	305049	39.31	ng	99
13) 1,4-Dichlorobenzene	6.42	146	310068	40.31	ng	94
14) 1,2-Dichlorobenzene	6.57	146	265723	39.57	ng	99
15) Benzyl Alcohol	6.57	79	220168	45.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	582905	40.29	ng	85
17) 2-Methylphenol	6.70	107	228242	41.07	ng	# 86
18) Hexachloroethane	6.91	117	94400	33.55	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	207086	40.92	ng	# 80
20) 3+4-Methylphenols	6.86	107	307610	42.38	ng	# 63
22) Acetophenone	6.83	105	393884	45.09	ng	97
24) Nitrobenzene	7.00	77	281324	43.56	ng	92
25) Isophorone	7.25	82	469017	38.62	ng	97
26) 2-Nitrophenol	7.32	139	117758	33.70	ng	# 90
27) 2,4-Dimethylphenol	7.38	122	230002	39.91	ng	98
28) bis(2-Chloroethoxy)methane	7.46	93	314781	39.72	ng	99
29) 2,4-Dichlorophenol	7.57	162	208633	42.02	ng	96
30) 1,2,4-Trichlorobenzene	7.64	180	195000	41.20	ng	98
31) Naphthalene	7.71	128	714443	41.66	ng	100
32) Benzoic acid	7.56	122	109836	25.52	ng	98
33) 4-Chloroaniline	7.79	127	103590	14.85	ng	95
34) Hexachlorobutadiene	7.83	225	104620	41.70	ng	99
35) Caprolactam	8.16	113	76117	47.81	ng	# 50
36) 4-Chloro-3-methylphenol	8.29	107	233432	43.09	ng	86
37) 2-Methylnaphthalene	8.40	142	510897	47.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	183072	43.83	ng	99
40) Hexachlorocyclopentadiene	8.56	237	6915	10.94	ng	98

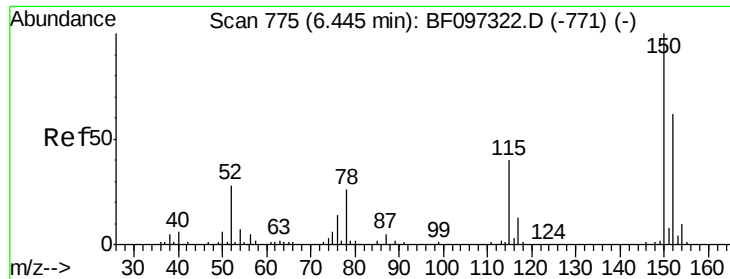
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	120841	39.92	nq	96
43) 2,4,5-Trichlorophenol	8.75	196	114473	37.78	nq	96
45) 1,1'-Biphenyl	8.87	154	562173	42.04	nq	98
46) 2-Chloronaphthalene	8.89	162	421171	42.80	nq	95
47) 2-Nitroaniline	9.00	65	169004	47.33	nq	97
48) Acenaphthylene	9.30	152	625258	41.40	nq	98
49) Dimethylphthalate	9.18	163	509012	42.82	nq	100
50) 2,6-Dinitrotoluene	9.25	165	96463	38.26	nq	# 68
51) Acenaphthene	9.47	154	365797	41.12	nq	98
52) 3-Nitroaniline	9.42	138	101370	32.39	nq	94
53) 2,4-Dinitrophenol	9.56	184	9388	8.19	nq	85
54) Dibenzofuran	9.64	168	545224	46.01	nq	92
55) 4-Nitrophenol	9.64	139	330036	177.33	nq	# 38
56) 2,4-Dinitrotoluene	9.66	165	116801	40.30	nq	# 79
57) Fluorene	9.98	166	380413	42.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.78	232	87577	41.86	nq	# 94
59) Diethylphthalate	9.87	149	480625	44.07	nq	98
60) 4-Chlorophenyl-phenylether	9.98	204	164880	44.83	nq	96
61) 4-Nitroaniline	10.03	138	121582	40.89	nq	94
62) Azobenzene	10.14	77	454243	44.90	nq	93
64) 4,6-Dinitro-2-methylphenol	10.08	198	12041	8.41	nq	# 72
65) n-Nitrosodiphenylamine	10.10	169	366253	45.67	nq	100
66) 4-Bromophenyl-phenylether	10.46	248	103684	45.08	nq	99
67) Hexachlorobenzene	10.53	284	101014	39.16	nq	# 90
68) Atrazine	10.64	200	96556	41.99	nq	94
69) Pentachlorophenol	10.74	266	54190	50.78	nq	99
70) Phenanthrene	10.93	178	529554	42.88	nq	100
71) Anthracene	10.99	178	544851	43.08	nq	98
72) Carbazole	11.15	167	526510	42.33	nq	99
73) Di-n-butylphthalate	11.49	149	673746	43.82	nq	98
74) Fluoranthene	12.12	202	496460	41.04	nq	98
76) Benzidine	12.25	184	309169	56.81	nq	# 92
77) Pyrene	12.34	202	482336	40.17	nq	99
79) Butylbenzylphthalate	12.97	149	259353	42.46	nq	# 76
80) Benzo(a)anthracene	13.53	228	376159	39.63	nq	98
81) 3,3'-Dichlorobenzidine	13.49	252	146662	40.98	nq	# 95
82) Chrysene	13.56	228	374273	40.39	nq	99
83) Bis(2-ethylhexyl)phthalate	13.54	149	318834	39.98	nq	99
84) Di-n-octyl phthalate	14.14	149	572179	39.10	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.07	276	265452	33.40	nq	97
87) Benzo(b)fluoranthene	14.53	252	326738	48.23	nq	99
88) Benzo(k)fluoranthene	14.53	252	326738	50.61	nq	96
89) Benzo(a)pyrene	14.83	252	270315	43.60	nq	99
90) Dibenzo(a,h)anthracene	16.07	278	225222	44.29	nq	95
91) Benzo(g,h,i)perylene	16.42	276	224391	42.08	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.40 min Scan# 785

Delta R.T. -0.01 min

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PB101261BS

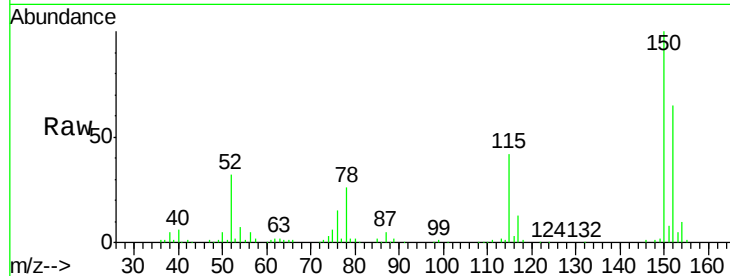
Tot Ion:152 Resp: 101528

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

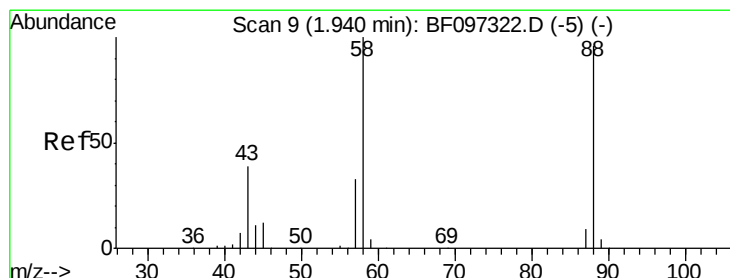
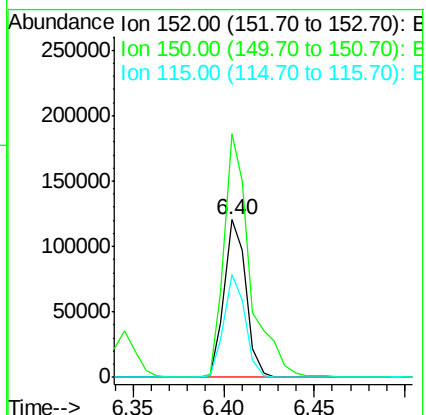
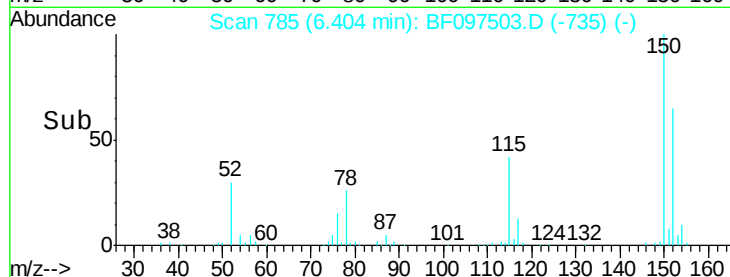
115 65.5 52.2 78.2



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: 40.18 ng

RT: 1.98 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

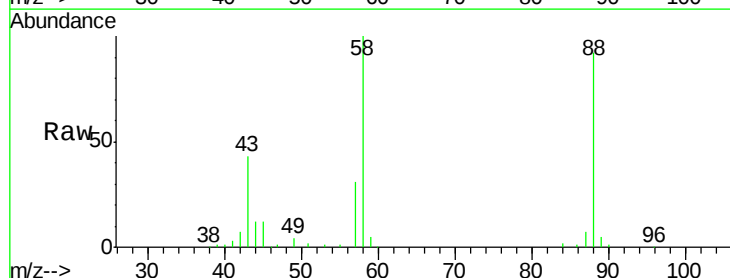
Tgt Ion: 88 Resp: 112925

Ion Ratio Lower Upper

88 100

58 100.5 61.4 92.0#

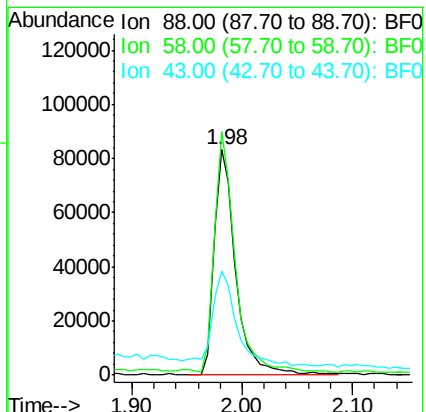
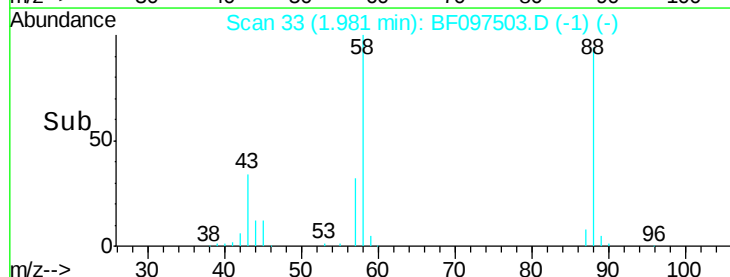
43 46.6 23.4 35.0#

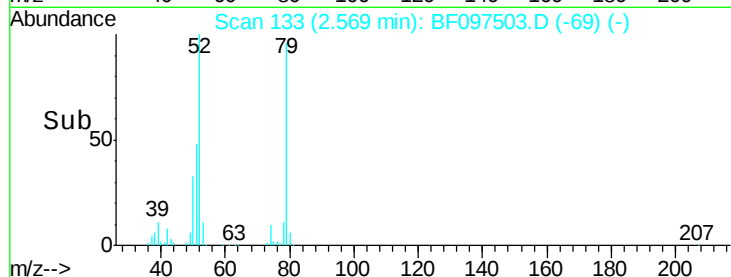
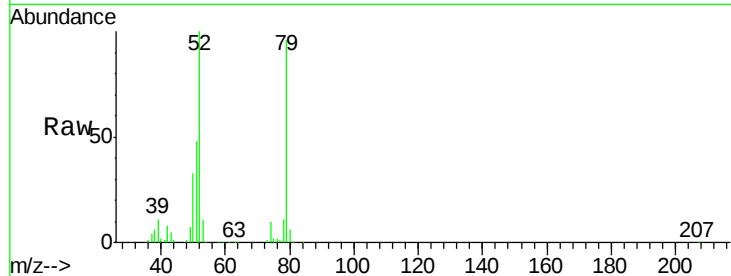
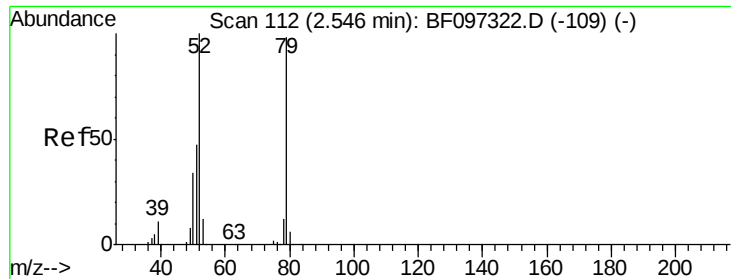


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.84 ng

RT: 2.57 min Scan# 133

Delta R.T. 0.08 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

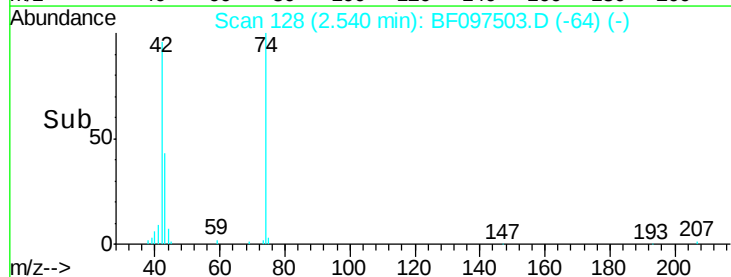
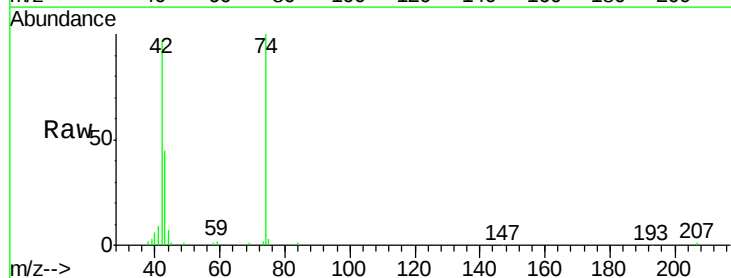
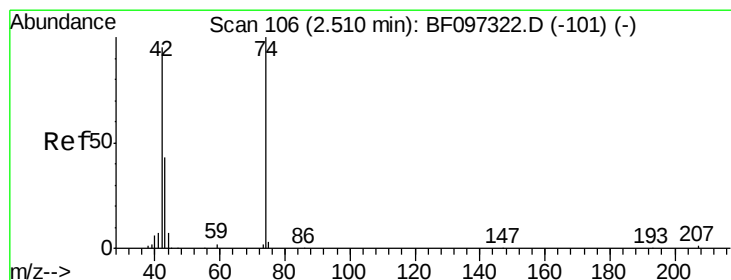
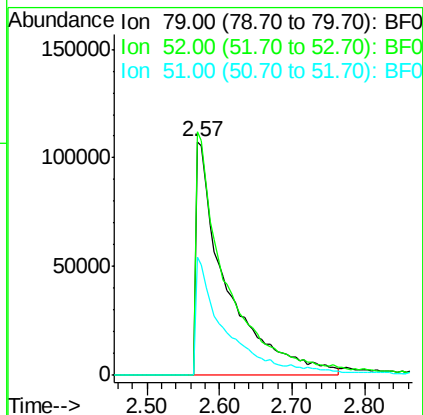
Tot Ion: 79 Resp: 317033

Ion Ratio Lower Upper

79 100

52 104.1 54.8 82.2#

51 50.3 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.55 ng

RT: 2.54 min Scan# 128

Delta R.T. 0.08 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

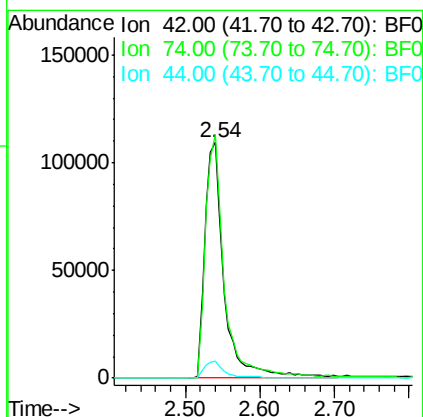
Tgt Ion: 42 Resp: 198105

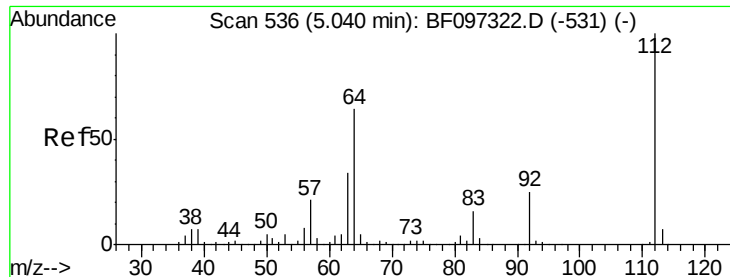
Ion Ratio Lower Upper

42 100

74 103.3 103.9 155.9#

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 125.21 ng

RT: 5.02 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

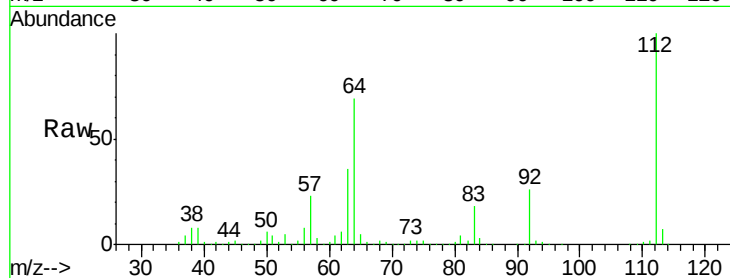
Tot Ion:112 Resp: 843310

Ion Ratio Lower Upper

112 100

64 69.2 46.0 69.0#

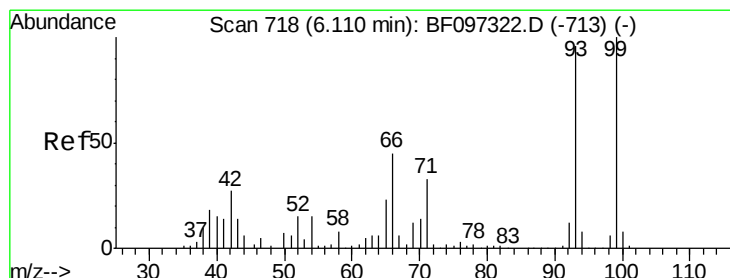
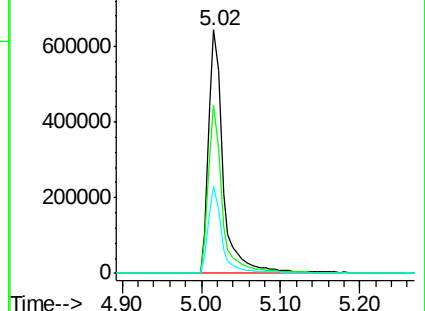
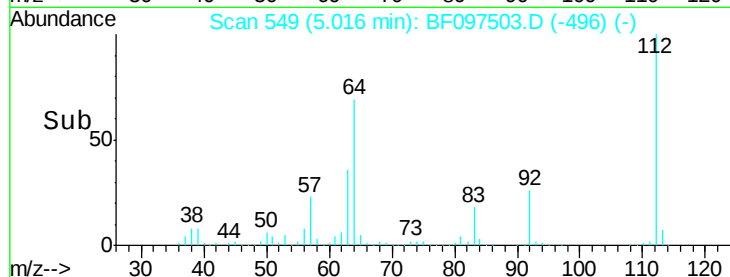
63 35.7 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.49 ng

RT: 6.07 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

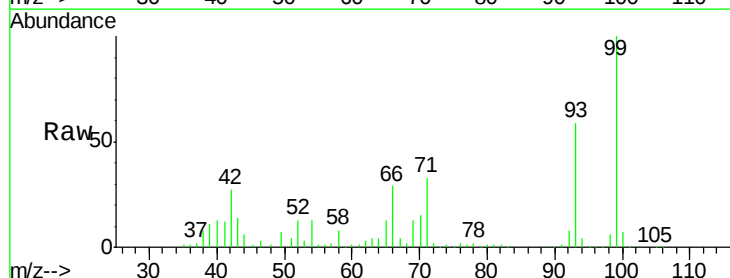
Tgt Ion: 93 Resp: 178927

Ion Ratio Lower Upper

93 100

66 48.6 32.9 49.3

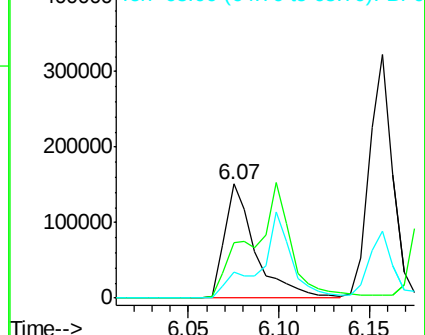
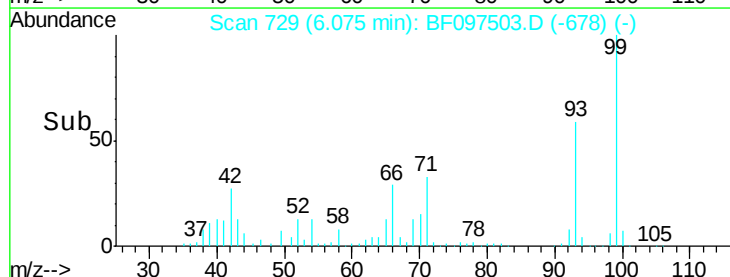
65 22.7 16.0 24.0

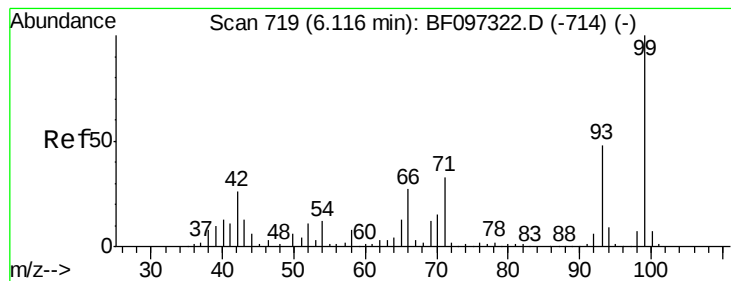


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.77 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

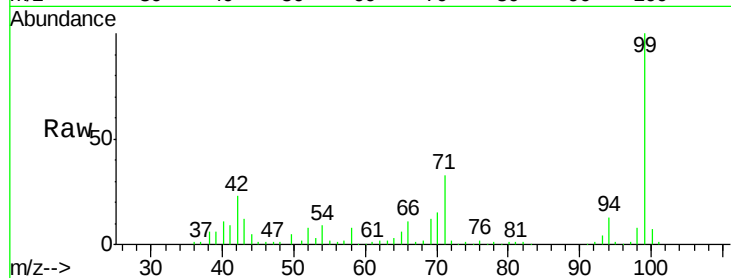
Tot Ion: 99 Resp: 928542

Ion Ratio Lower Upper

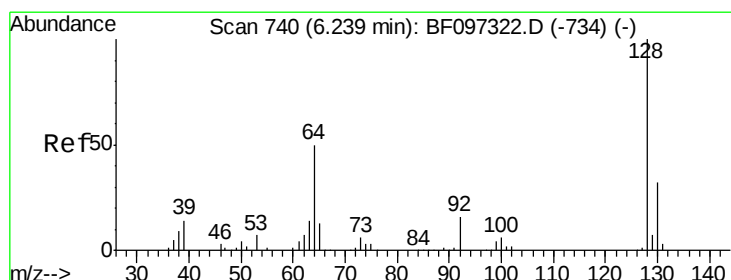
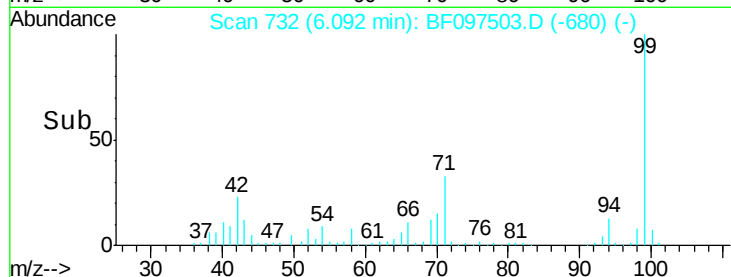
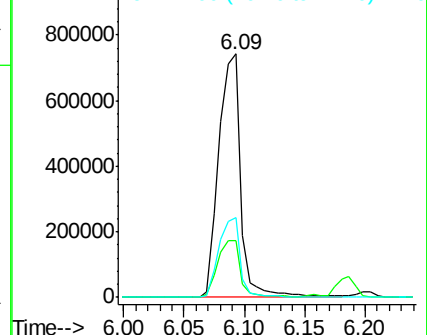
99 100

42 23.5 13.5 20.3#

71 32.7 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: 39.69 ng

RT: 6.20 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

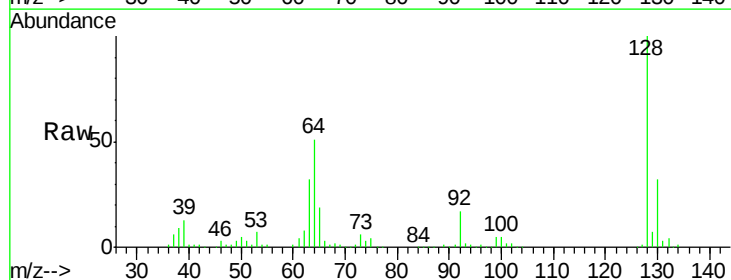
Tgt Ion:128 Resp: 285823

Ion Ratio Lower Upper

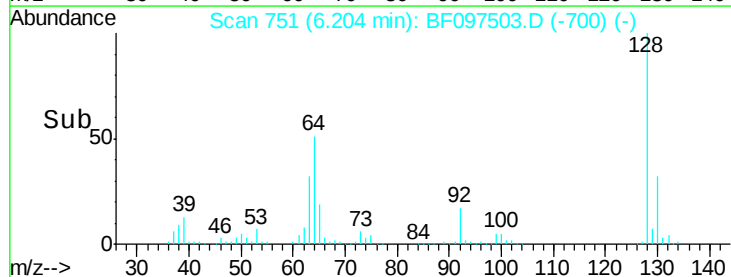
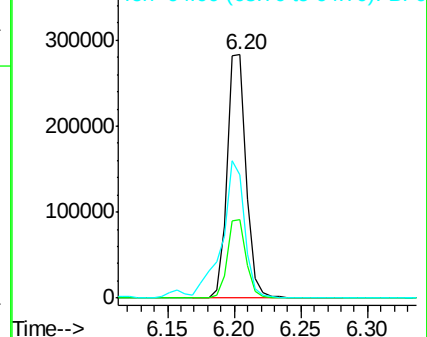
128 100

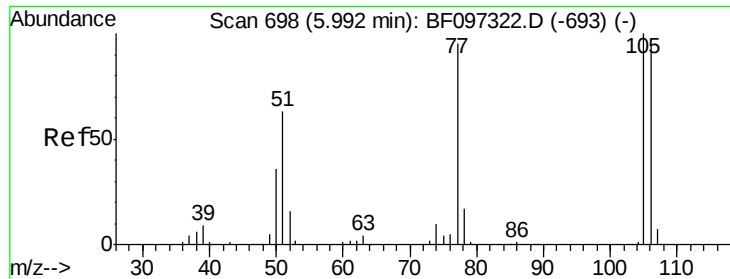
130 32.3 12.9 52.9

64 50.7 28.4 68.4



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

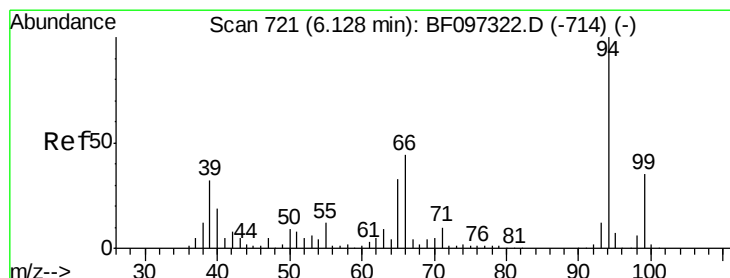
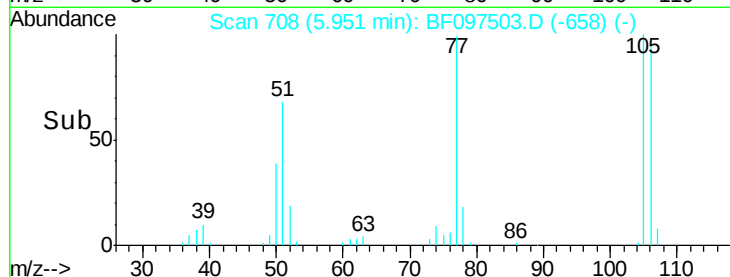
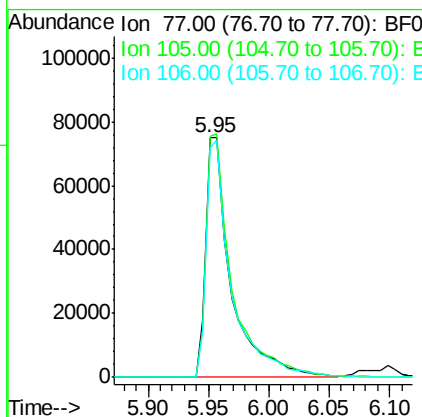
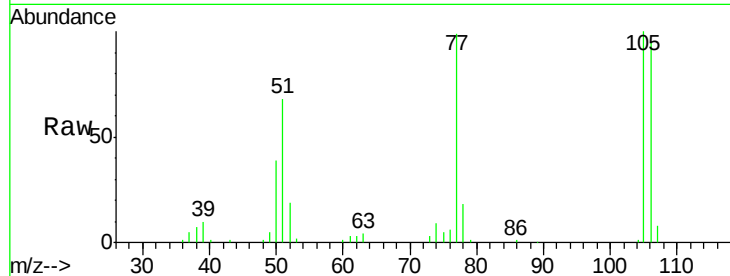




#9
Benzaldehyde
Concen: 24.18 ng
RT: 5.95 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

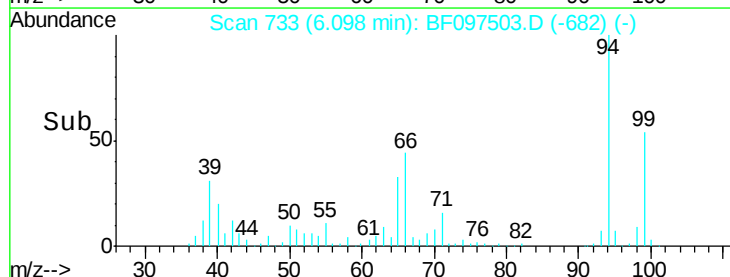
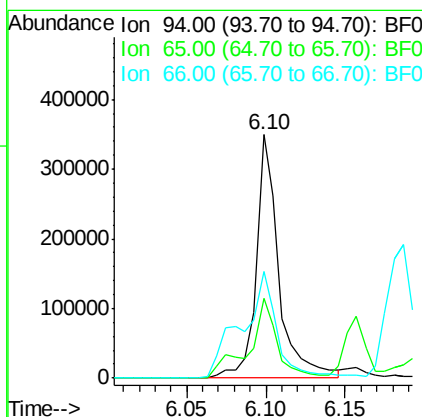
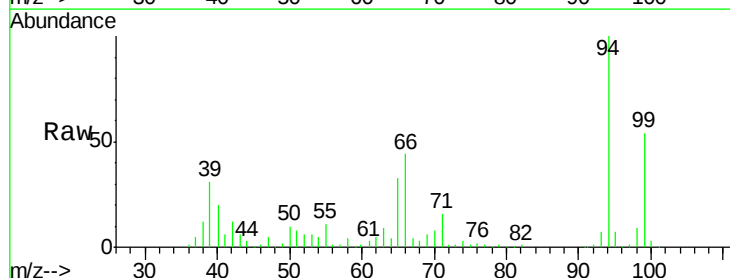
Instrument :
BNA_F
ClientSampleID :
PB101261BS

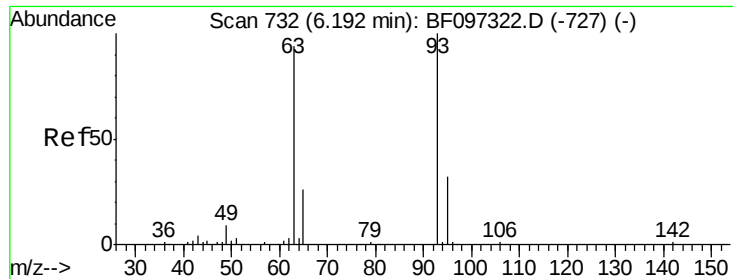
Tot Ion: 77 Resp: 110049
Ion Ratio Lower Upper
77 100
105 100.6 83.8 123.8
106 95.8 79.1 119.1



#10
Phenol
Concen: 37.98 ng
RT: 6.10 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion: 94 Resp: 346418
Ion Ratio Lower Upper
94 100
65 32.7 9.9 49.9
66 43.9 23.1 63.1

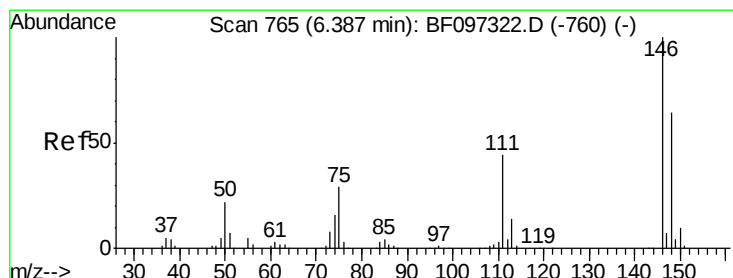
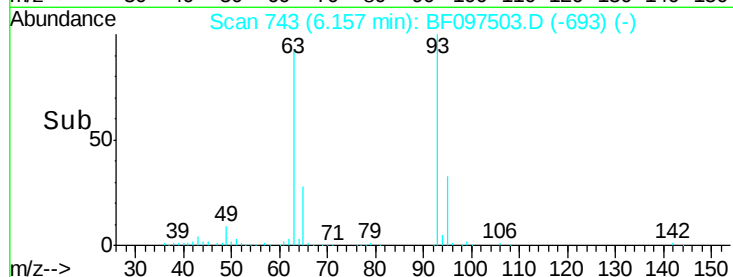
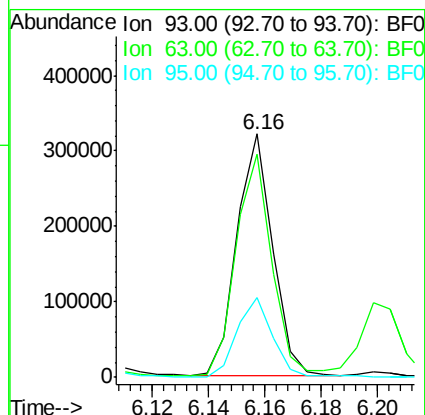
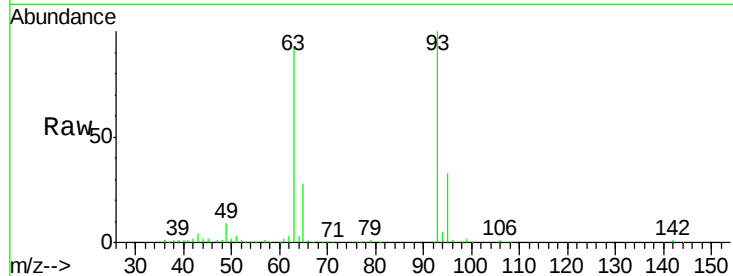




#11
 bis(2-Chloroethyl)ether
 Concen: 39.14 ng
 RT: 6.16 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

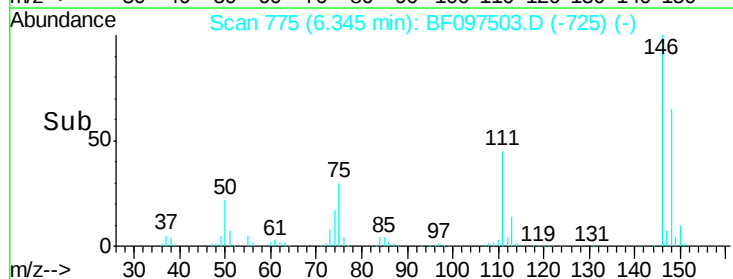
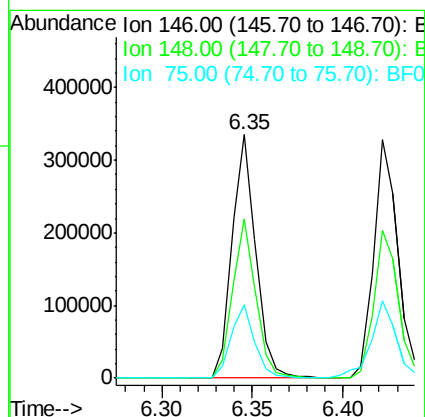
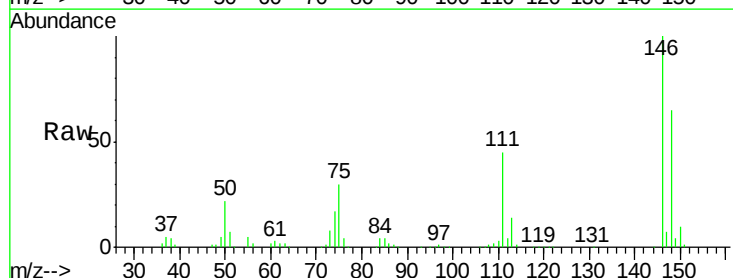
Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

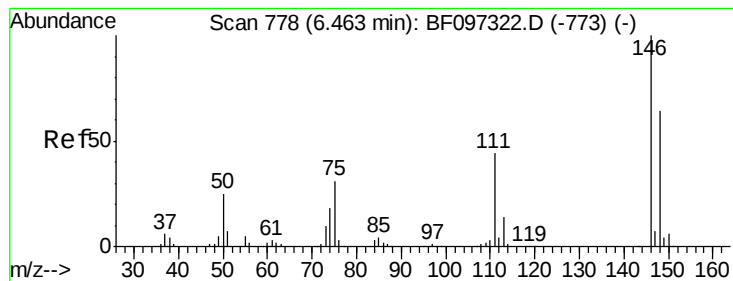
Tot Ion: 93 Resp: 282349
 Ion Ratio Lower Upper
 93 100
 63 91.7 59.2 99.2
 95 32.6 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.31 ng
 RT: 6.35 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion: 146 Resp: 305049
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 75 30.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.31 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

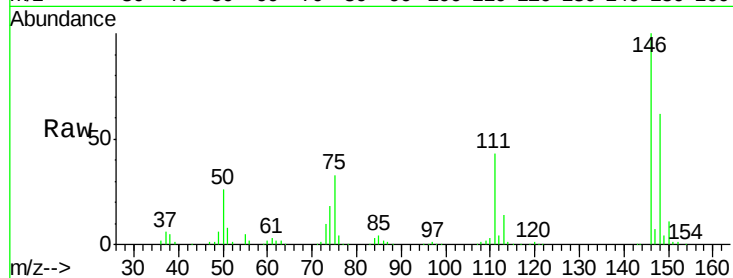
Tot Ion:146 Resp: 310068

Ion Ratio Lower Upper

146 100

148 62.1 52.2 78.2

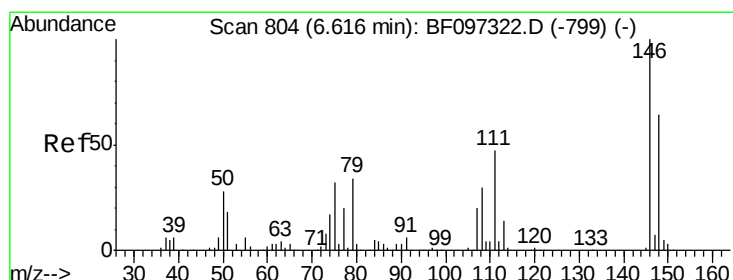
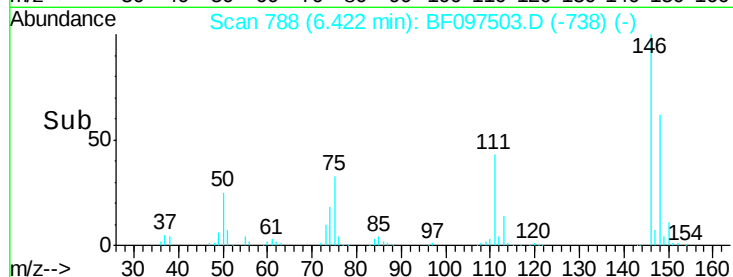
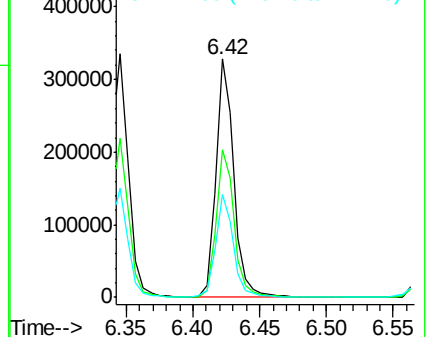
111 43.2 30.3 45.5



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: 39.57 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

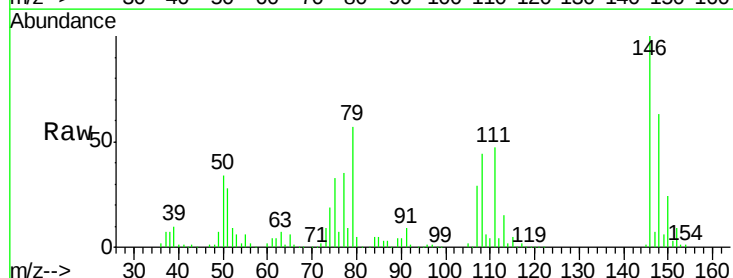
Tgt Ion:146 Resp: 265723

Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

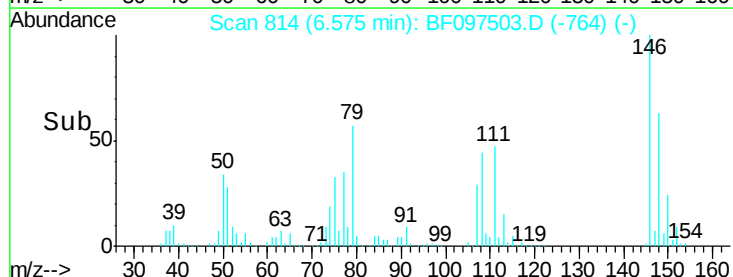
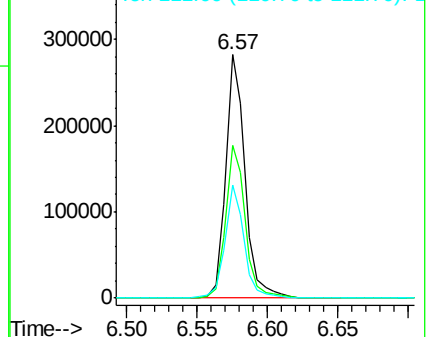
111 46.7 38.2 57.4

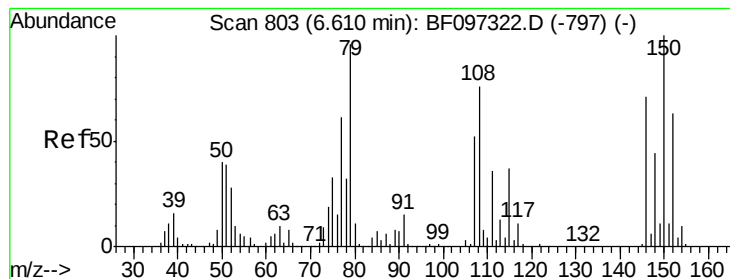


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.23 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

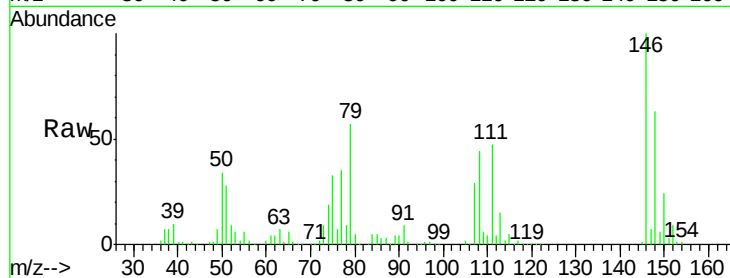
Tot Ion: 79 Resp: 220168

Ion Ratio Lower Upper

79 100

108 76.9 63.4 95.0

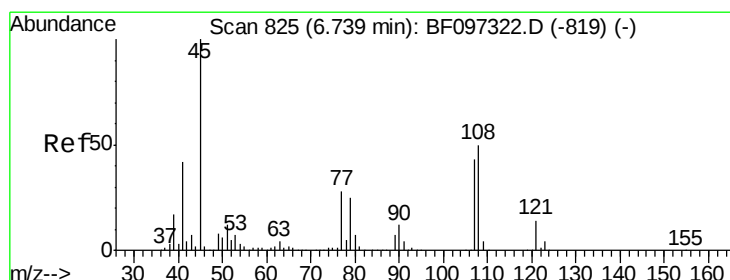
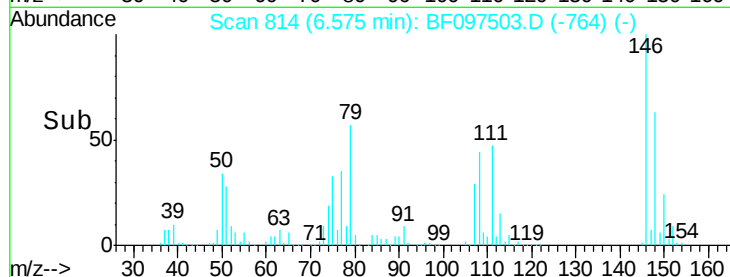
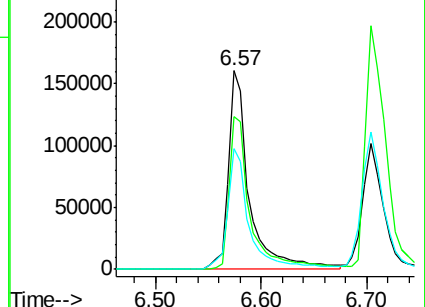
77 61.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.29 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

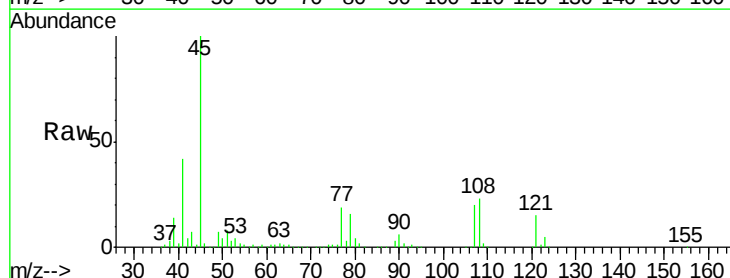
Tgt Ion: 45 Resp: 582905

Ion Ratio Lower Upper

45 100

77 19.0 0.0 33.2

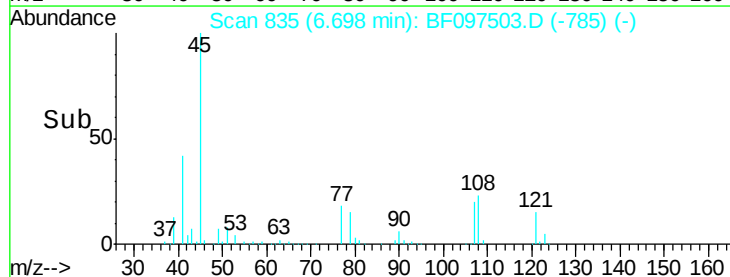
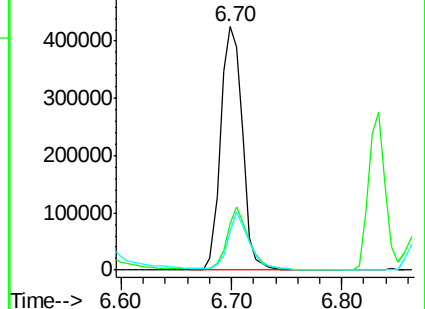
79 16.1 0.0 30.0

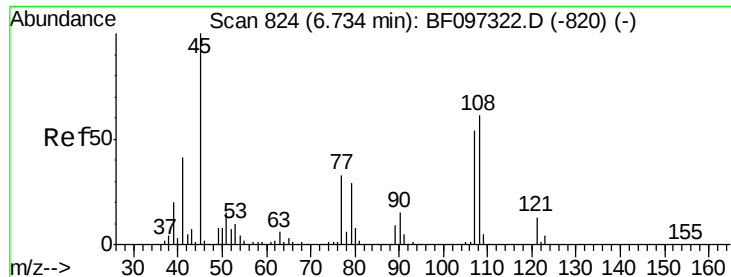


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.07 ng

RT: 6.70 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

Tot Ion:107 Resp: 228242

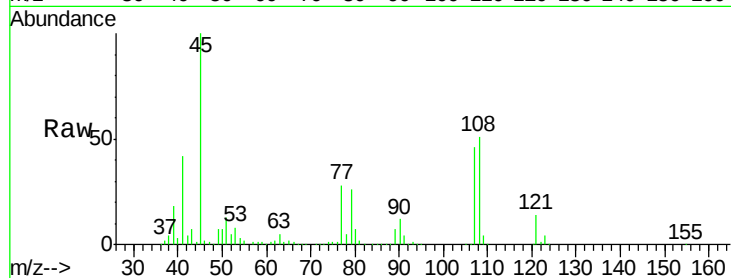
Ion Ratio Lower Upper

107 100

108 110.8 93.4 140.0

77 62.2 35.8 53.6#

79 57.4 34.8 52.2#



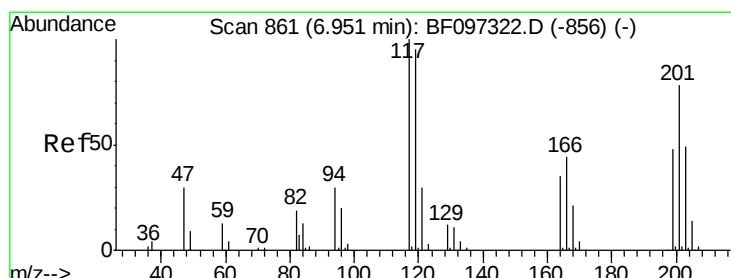
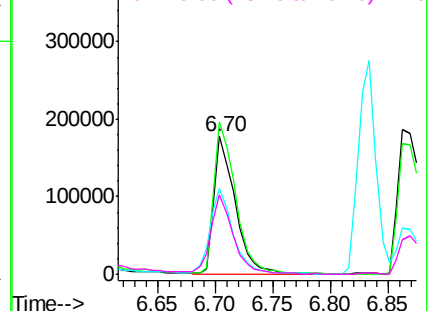
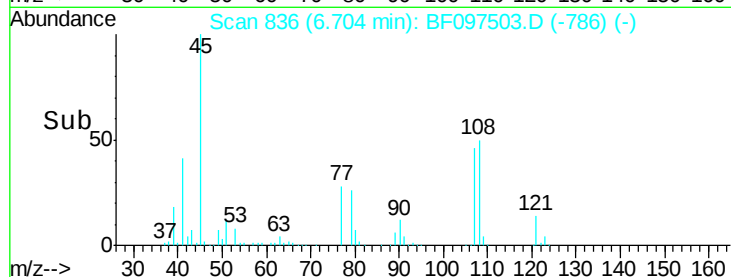
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.55 ng

RT: 6.91 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

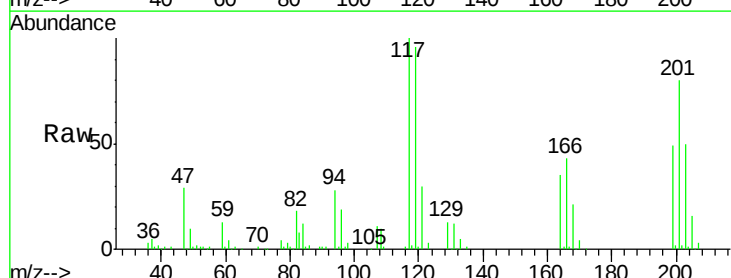
Tgt Ion:117 Resp: 94400

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

201 80.4 94.6 141.8#

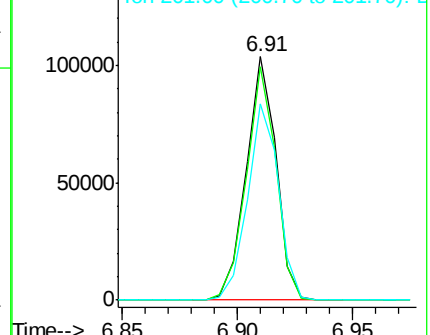
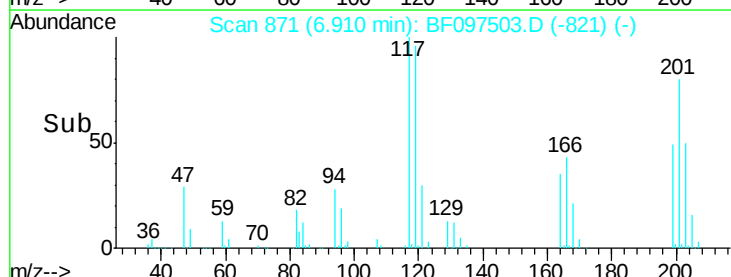


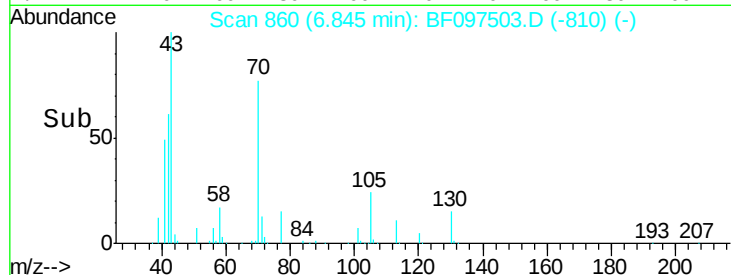
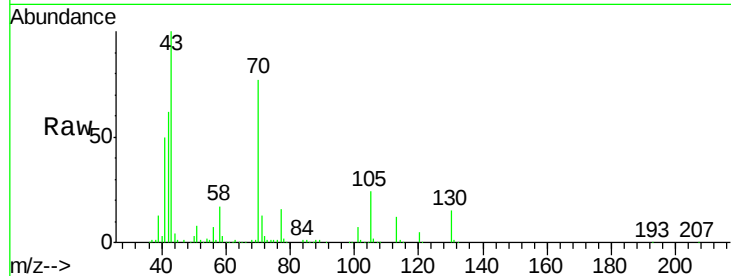
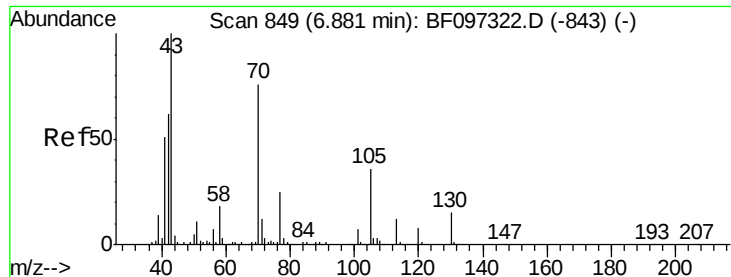
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

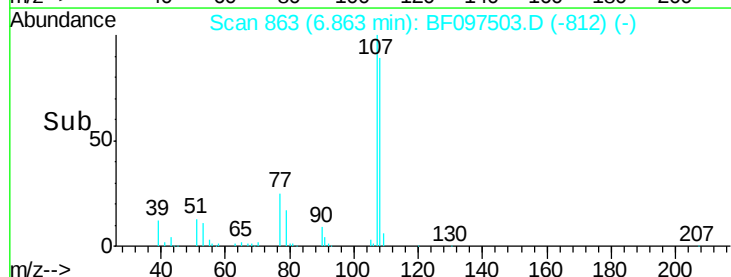
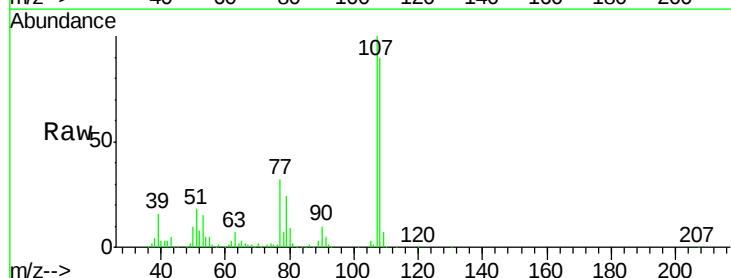
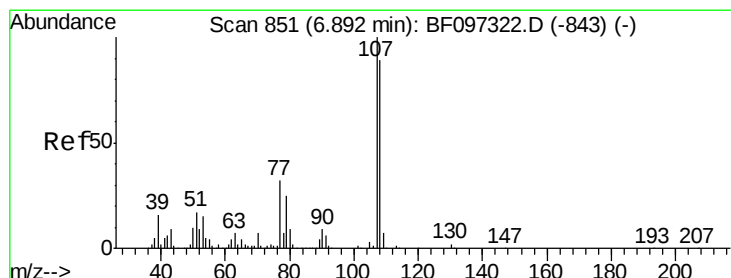
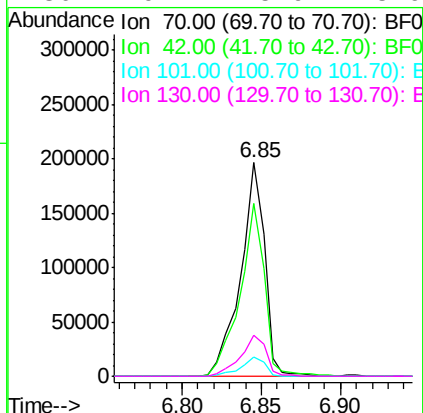




#19
n-Nitroso-di-n-propylamine
Concen: 40.92 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

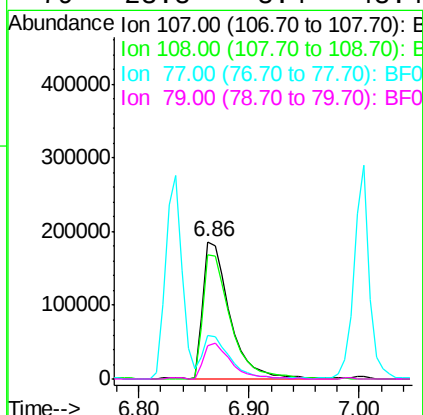
Instrument :
BNA_F
ClientSampleId :
PB101261BS

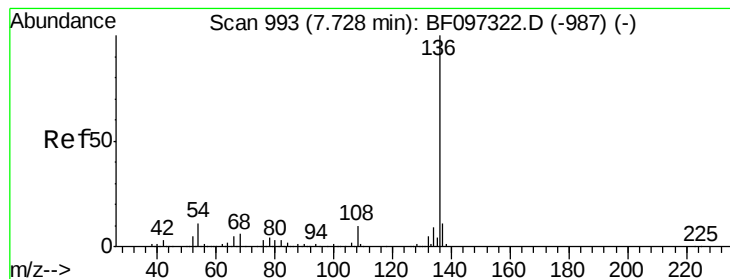
Tot Ion	Ratio	Lower	Upper
70	100		
42	80.7	47.2	70.8#
101	9.1	7.2	10.8
130	19.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.38 ng
RT: 6.86 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.0	111.0
77	31.7	90.5	130.5#
79	23.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

Tot Ion:136 Resp: 363778

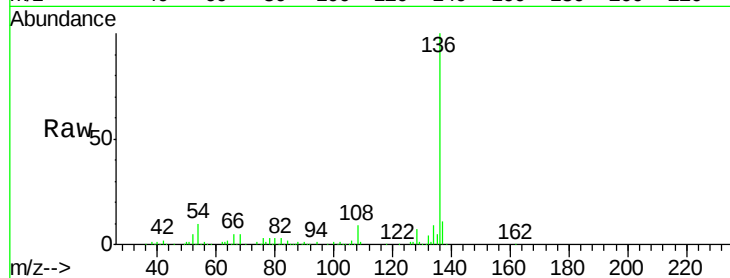
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.7 4.9 7.3#

68 4.8 4.1 6.1

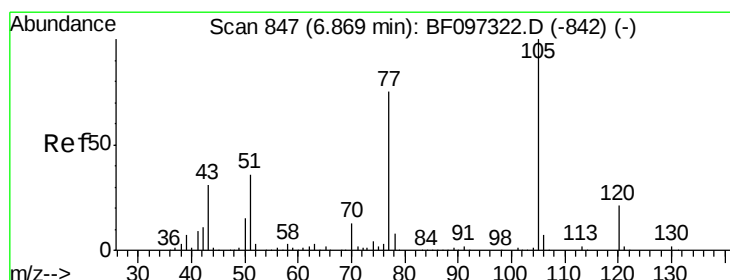
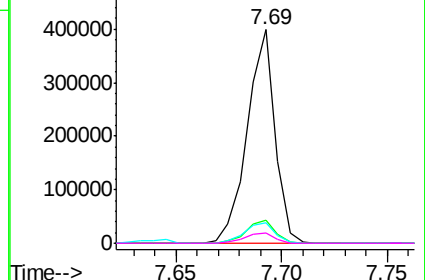
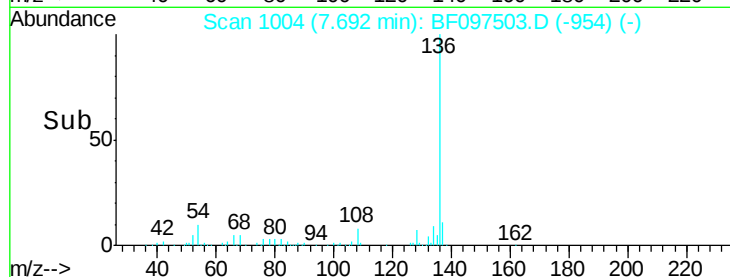


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.09 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:105 Resp: 393884

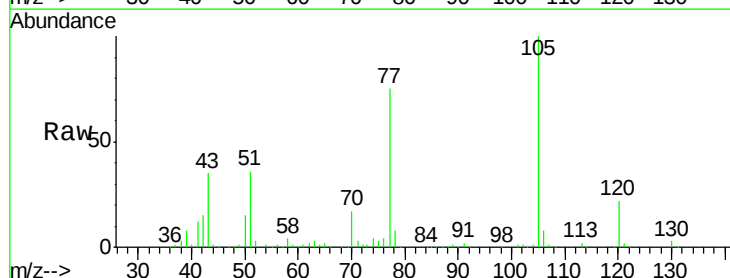
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 36.0 30.7 46.1

120 22.2 17.4 26.0

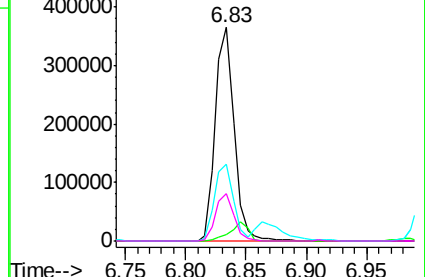
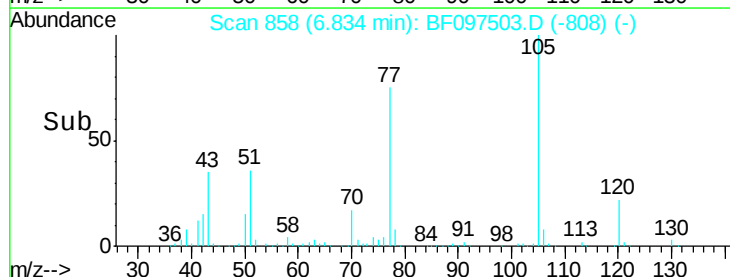


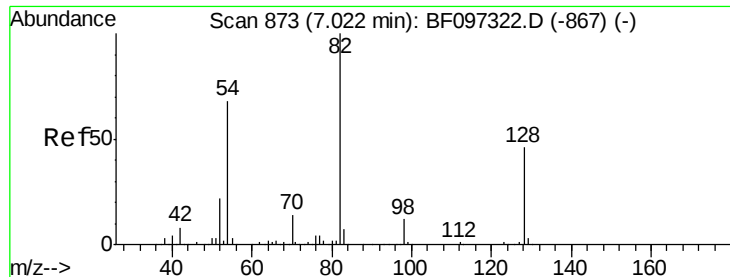
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

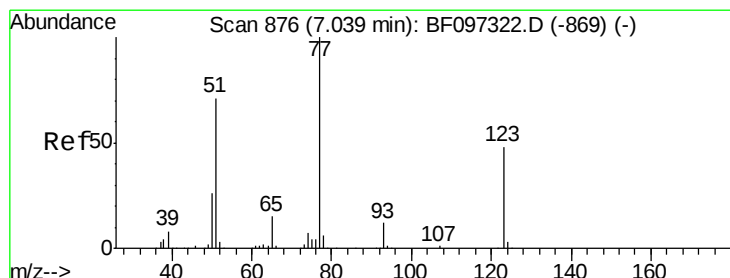
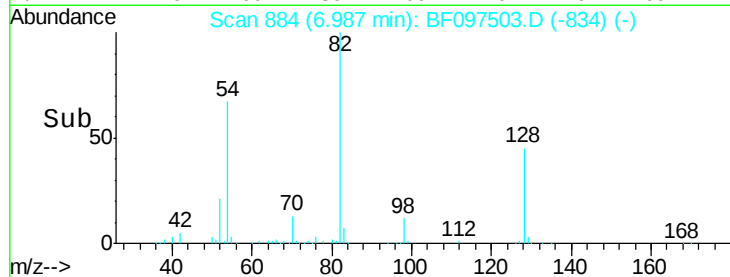
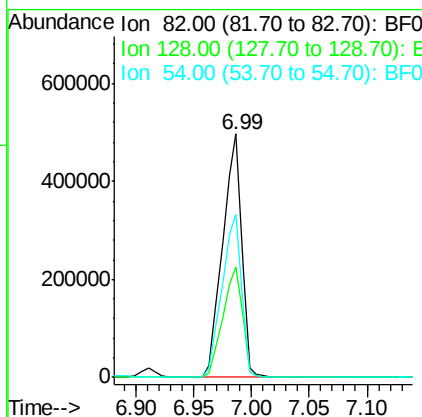
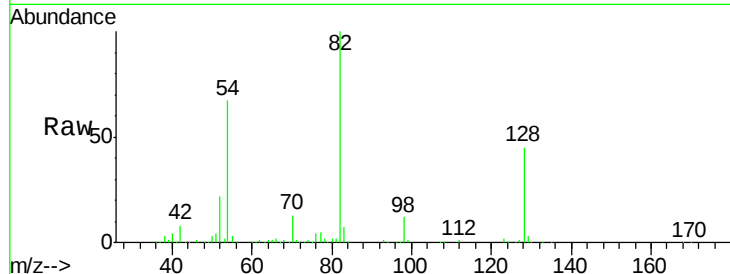




#23
 Nitrobenzene-d5
 Concen: 91.08 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

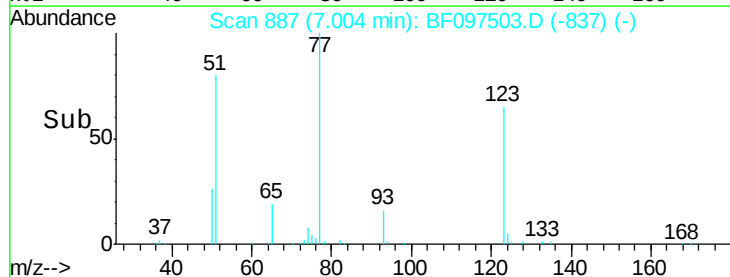
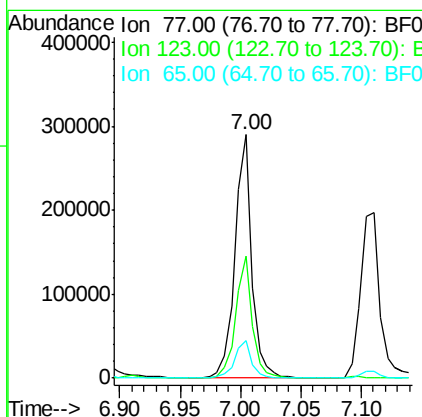
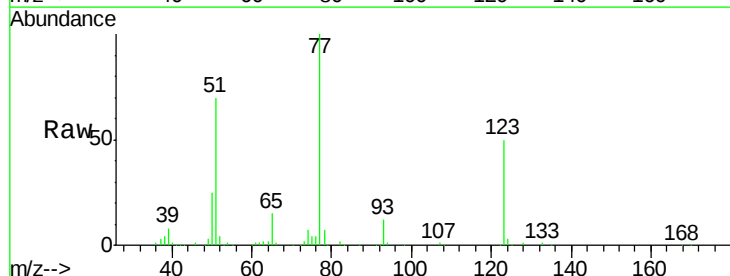
Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

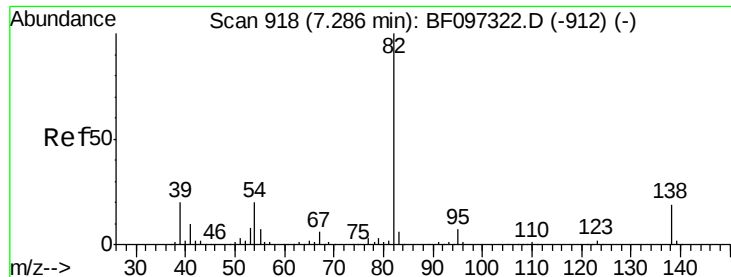
Tot Ion: 82 Resp: 564770
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 67.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.56 ng
 RT: 7.00 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion: 77 Resp: 281324
 Ion Ratio Lower Upper
 77 100
 123 50.2 35.8 53.8
 65 15.3 10.6 15.8





#25

Isophorone

Concen: 38.62 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampled :

PB101261BS

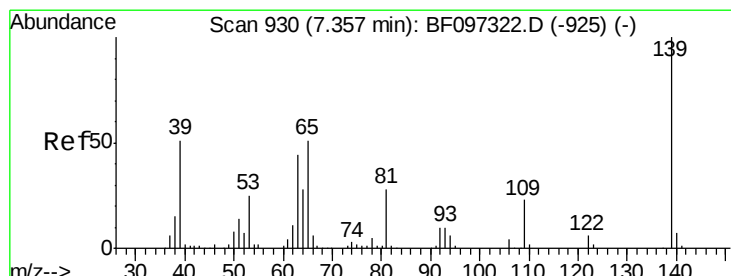
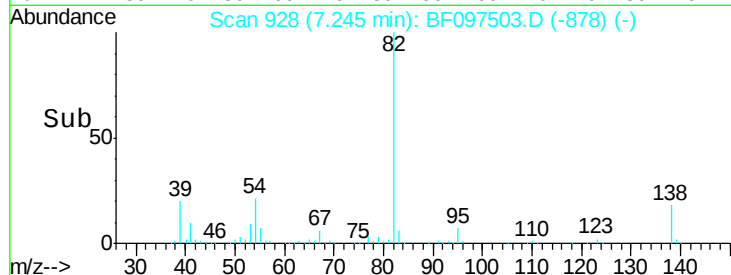
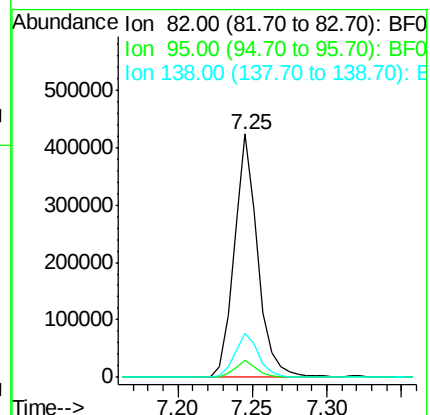
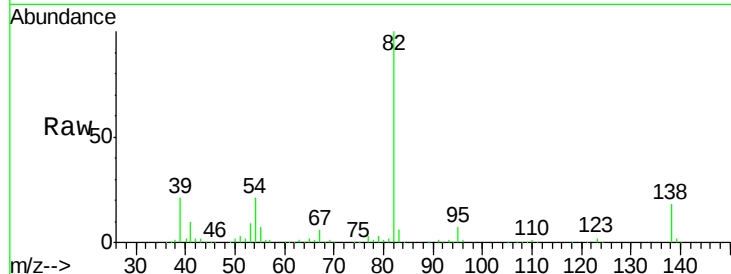
Tot Ion: 82 Resp: 469017

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.2 13.1 19.7



#26

2-Nitrophenol

Concen: 33.70 ng

RT: 7.32 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

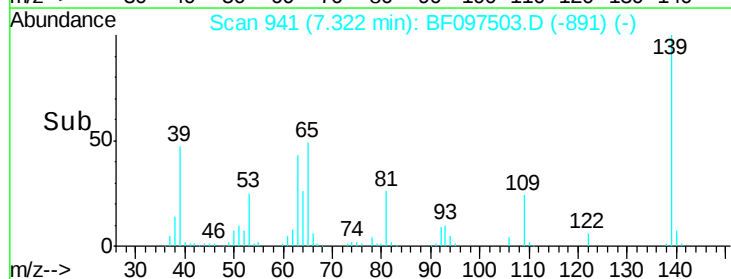
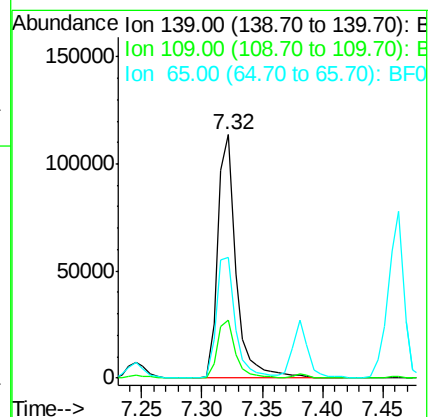
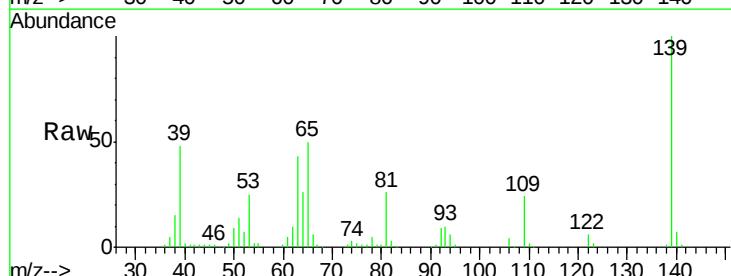
Tgt Ion: 139 Resp: 117758

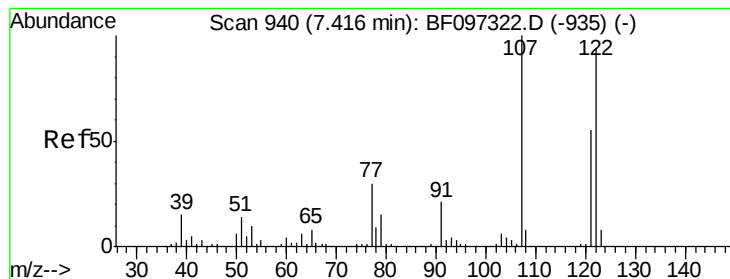
Ion Ratio Lower Upper

139 100

109 24.0 21.0 31.6

65 49.8 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.91 ng

RT: 7.38 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

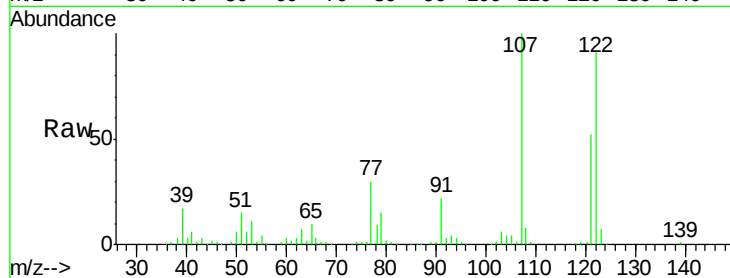
Tot Ion:122 Resp: 230002

Ion Ratio Lower Upper

122 100

107 109.7 89.2 133.8

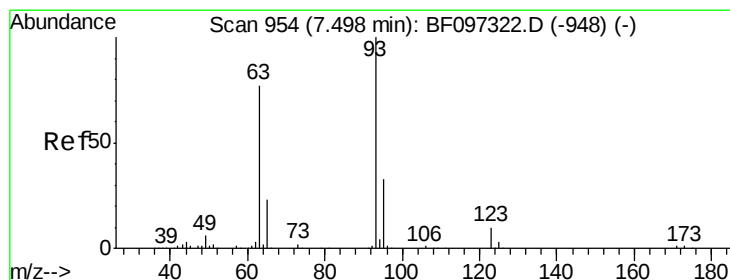
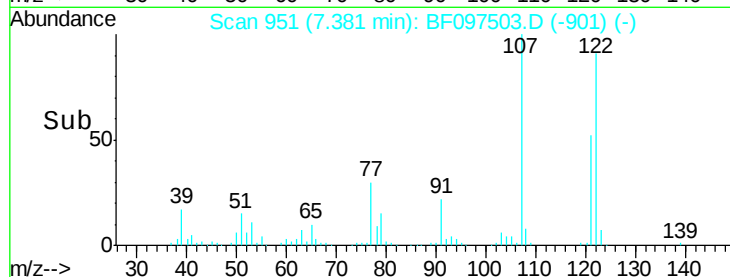
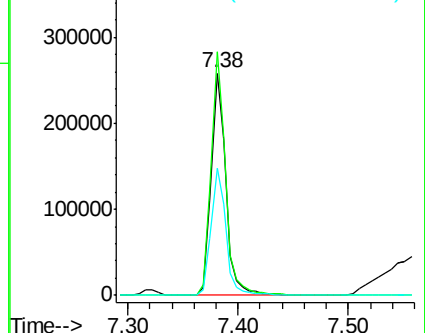
121 57.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.72 ng

RT: 7.46 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

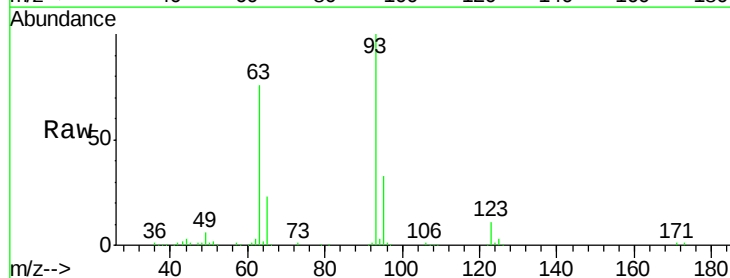
Tgt Ion: 93 Resp: 314781

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

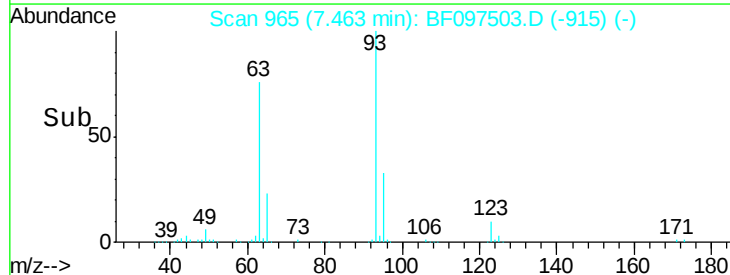
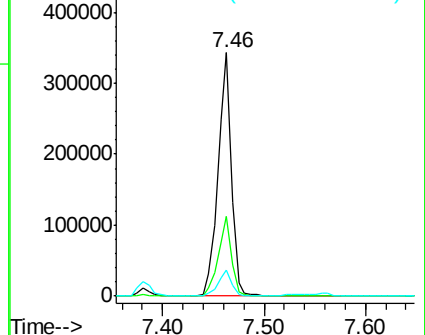
123 10.5 9.0 13.4

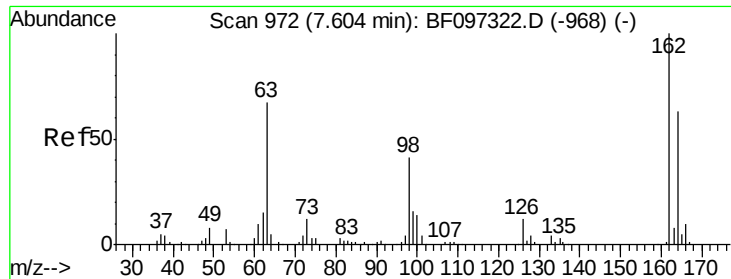


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

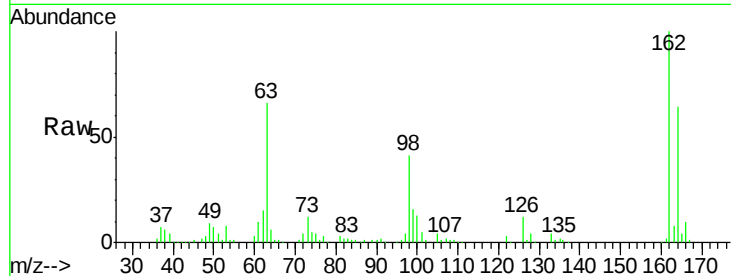




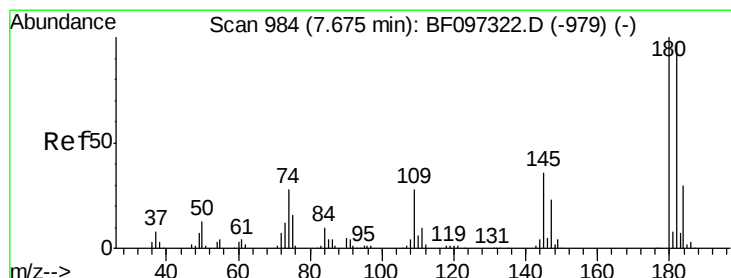
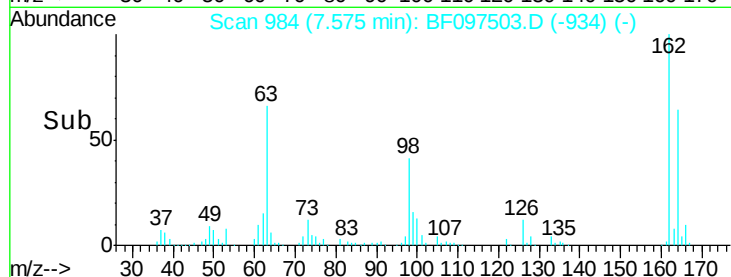
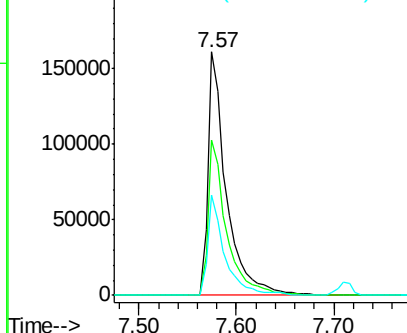
#29
 2,4-Dichlorophenol
 Concen: 42.02 ng
 RT: 7.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	41.0	14.8	54.8

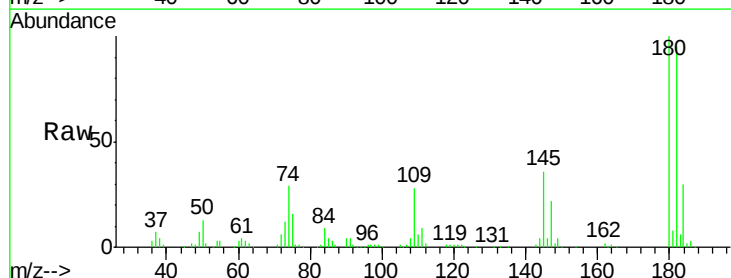


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

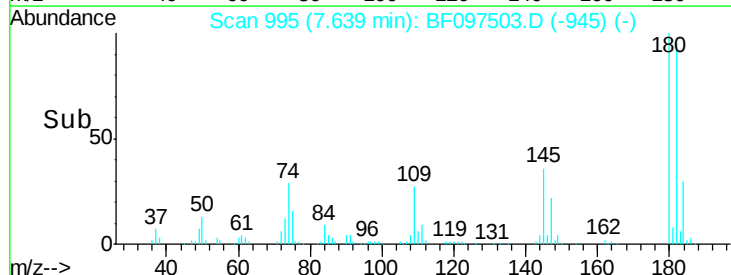
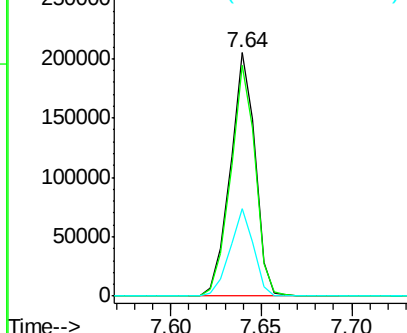


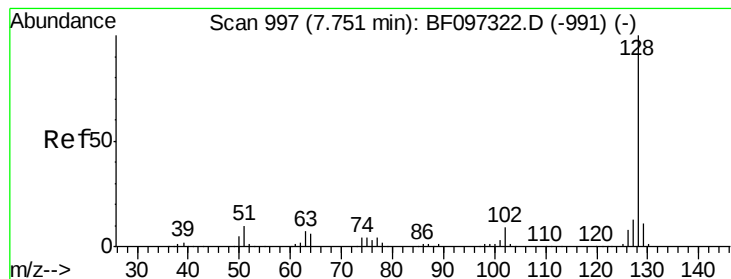
#30
 1,2,4-Trichlorobenzene
 Concen: 41.20 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	35.8	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.66 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

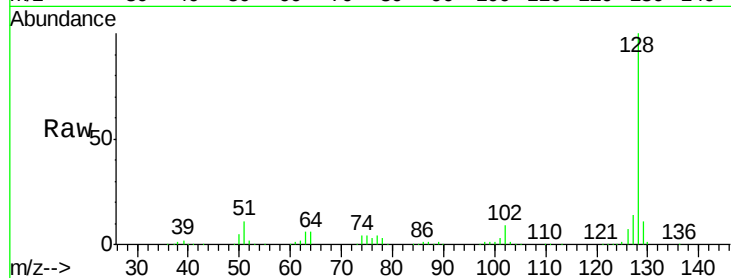
Tot Ion:128 Resp: 714443

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

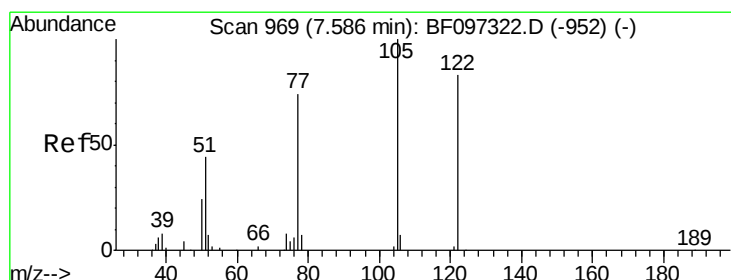
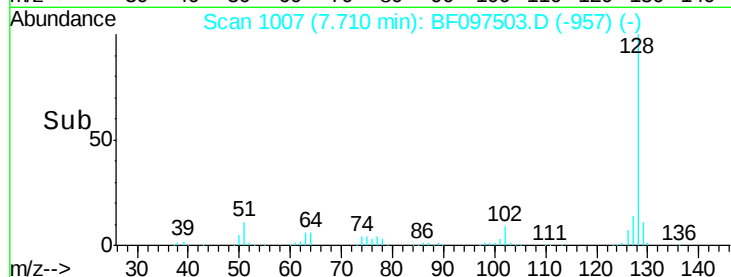
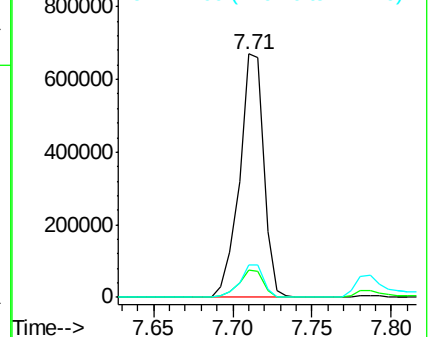
127 13.5 10.8 16.2



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: 25.52 ng

RT: 7.56 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

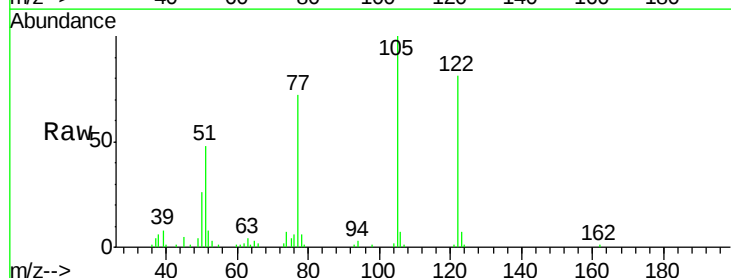
Tgt Ion:122 Resp: 109836

Ion Ratio Lower Upper

122 100

105 123.0 103.3 143.3

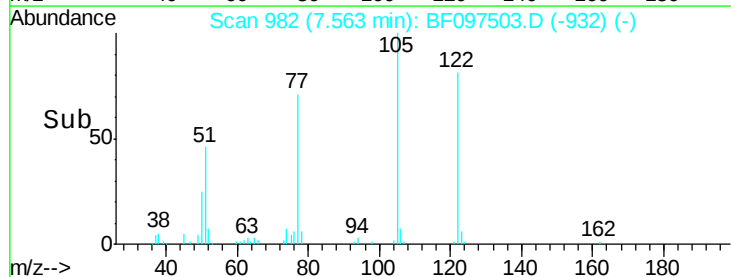
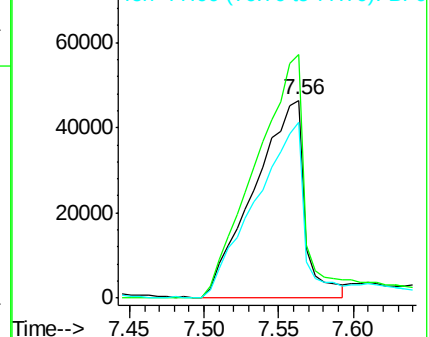
77 89.0 73.7 113.7

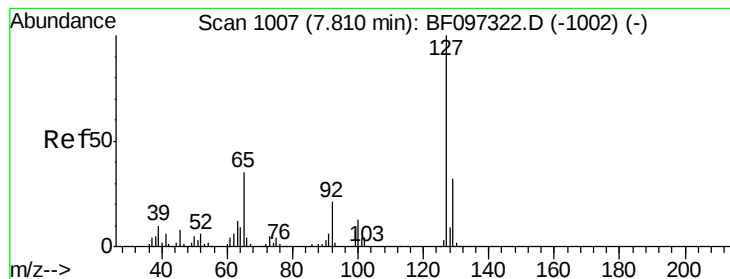


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.85 ng

RT: 7.79 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

Tot Ion:127 Resp: 103590

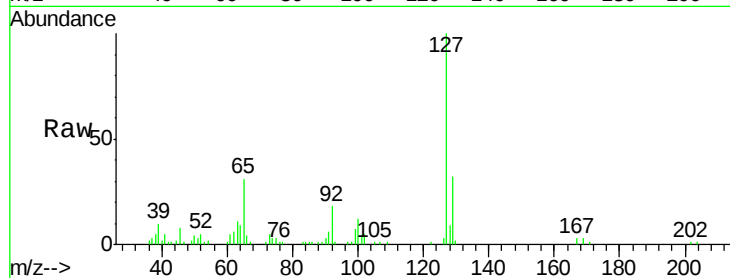
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2

65 30.5 27.8 41.8

92 18.3 16.8 25.2

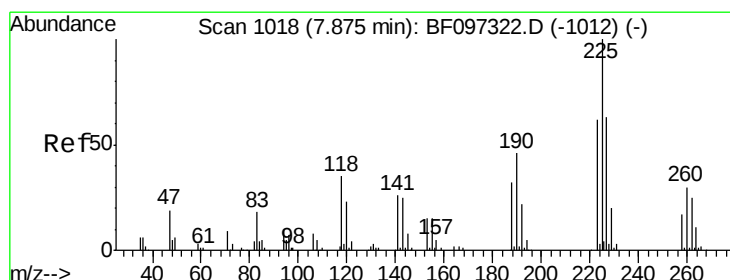
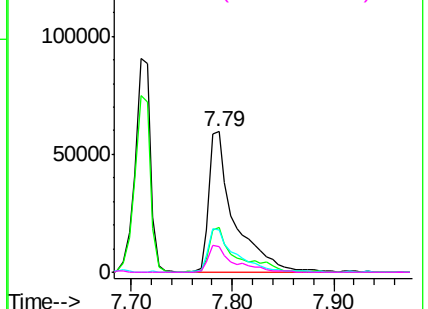
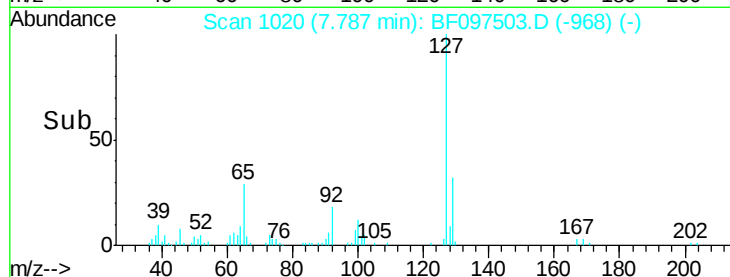


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.70 ng

RT: 7.83 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

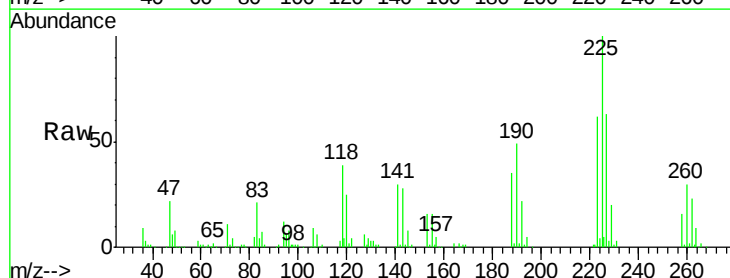
Tgt Ion:225 Resp: 104620

Ion Ratio Lower Upper

225 100

223 62.4 48.8 73.2

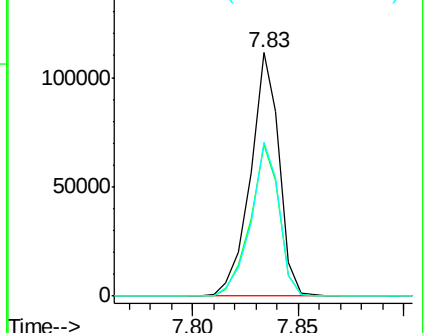
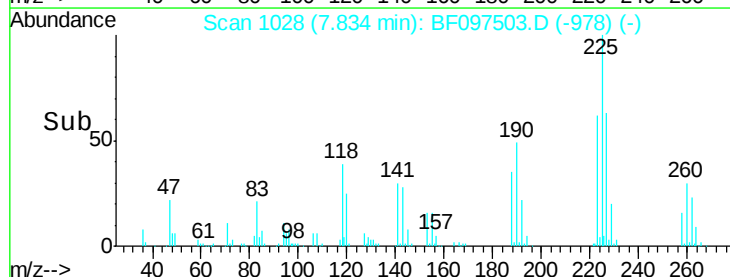
227 63.0 51.1 76.7

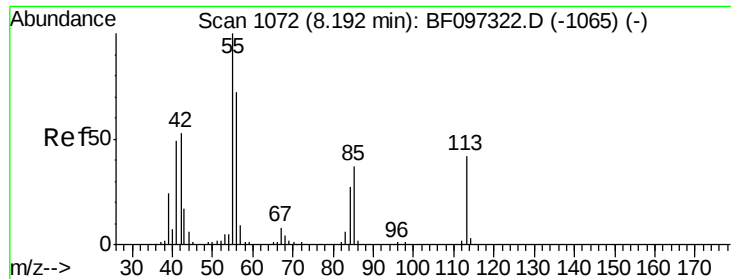


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

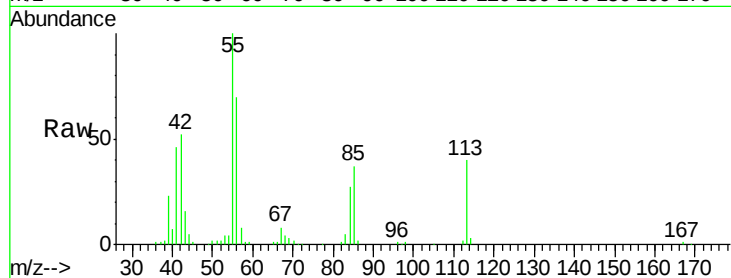




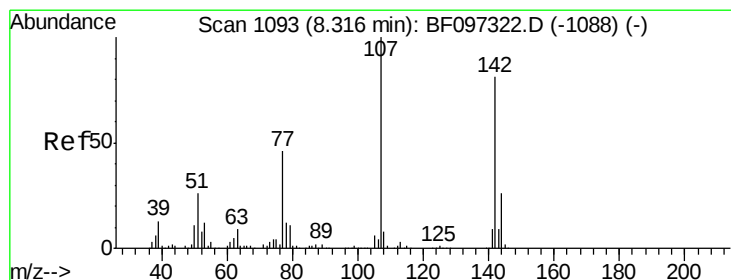
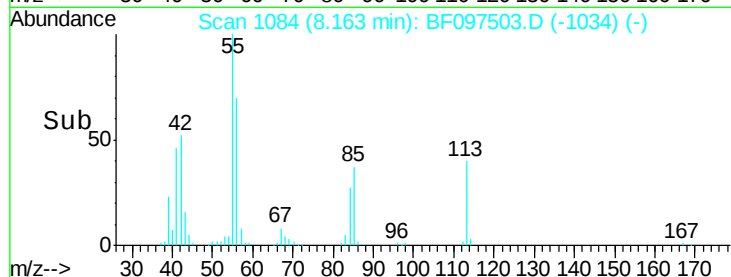
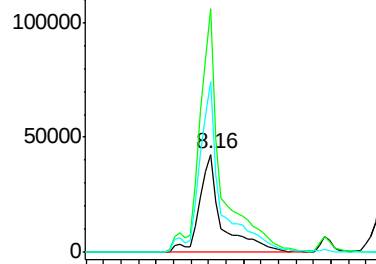
#35
 Caprolactam
 Concen: 47.81 ng
 RT: 8.16 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion:113 Resp: 76117
 Ion Ratio Lower Upper
 113 100
 55 248.3 150.2 190.2#
 56 173.8 107.8 147.8#

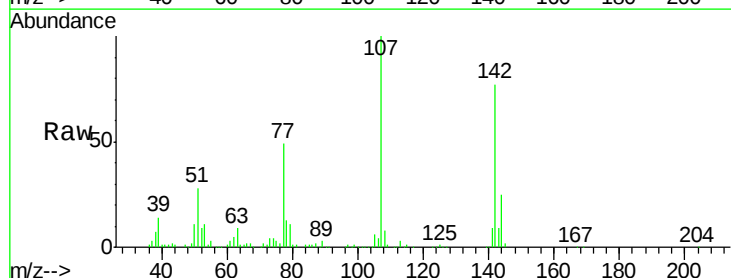


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

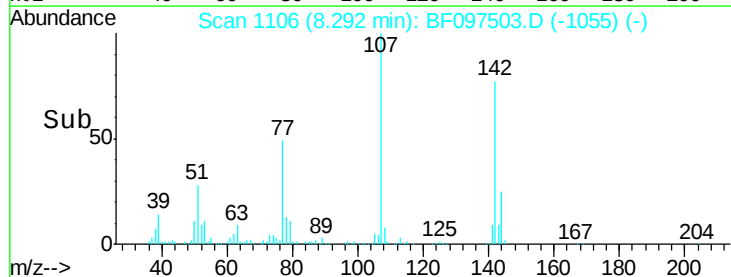
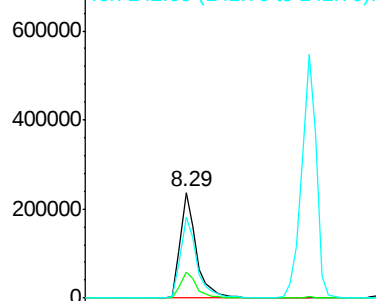


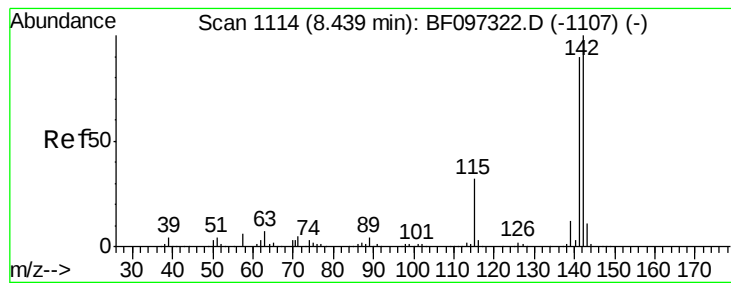
#36
 4-Chloro-3-methylphenol
 Concen: 43.09 ng
 RT: 8.29 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion:107 Resp: 233432
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 76.6 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

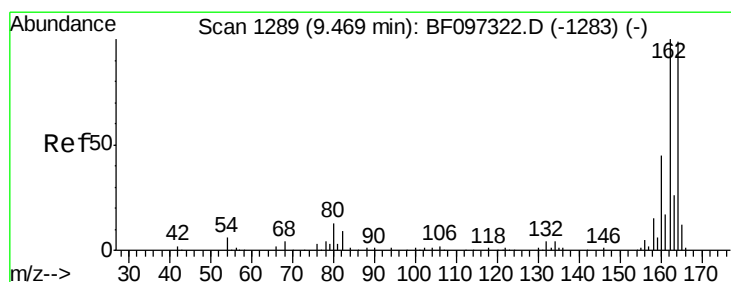
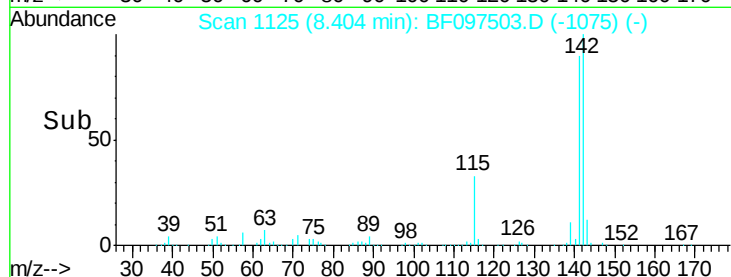
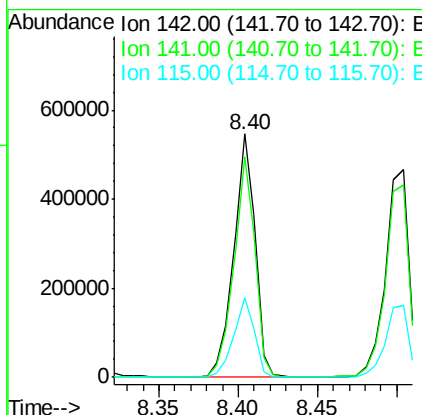
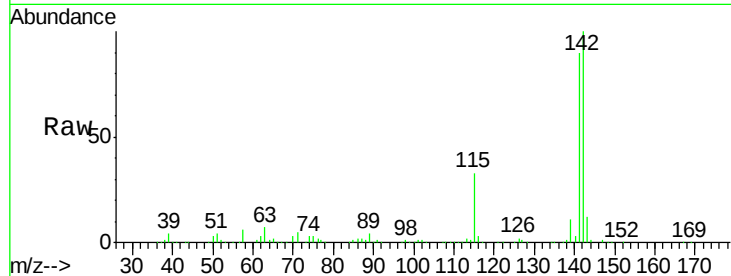




#37
2-Methylnaphthalene
Concen: 47.06 ng
RT: 8.40 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

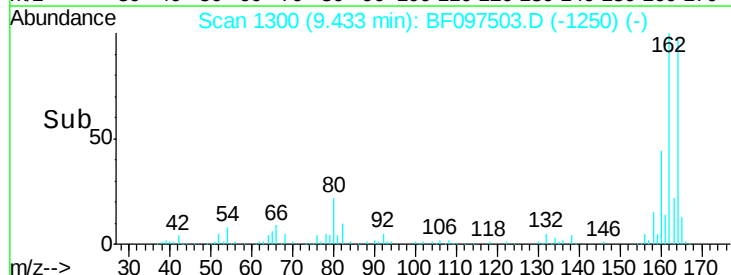
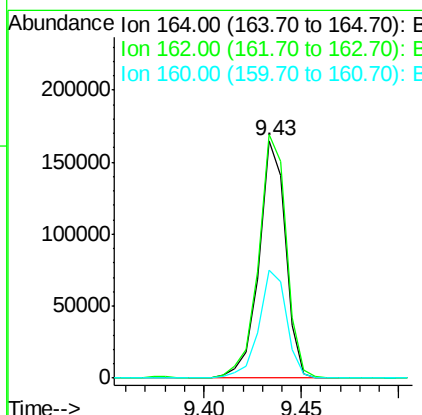
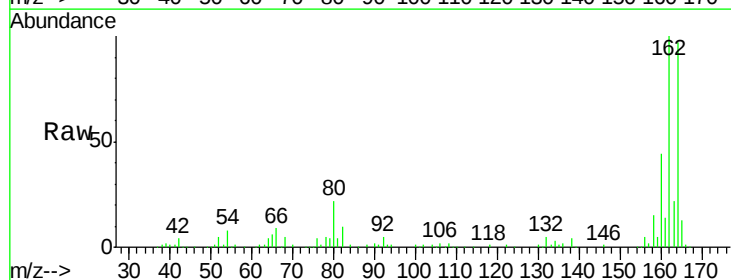
Instrument :
BNA_F
ClientSampleId :
PB101261BS

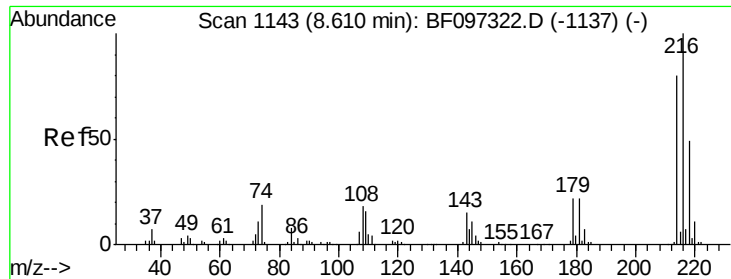
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	32.8	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.3	36.2	54.2

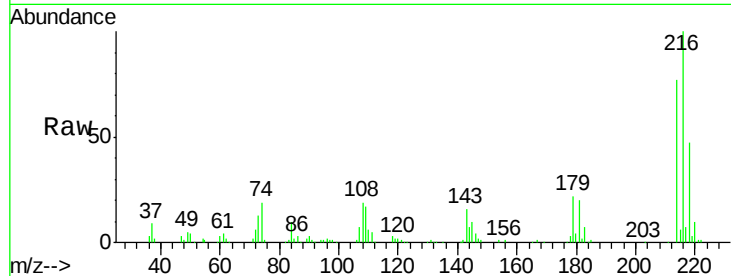




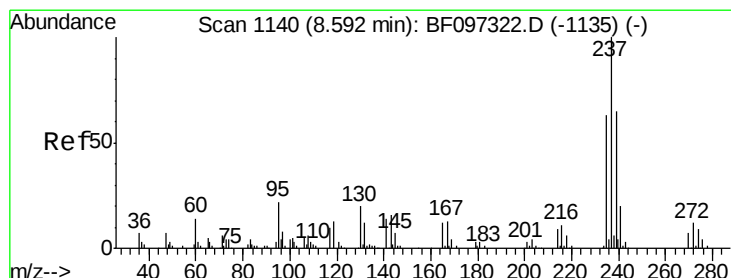
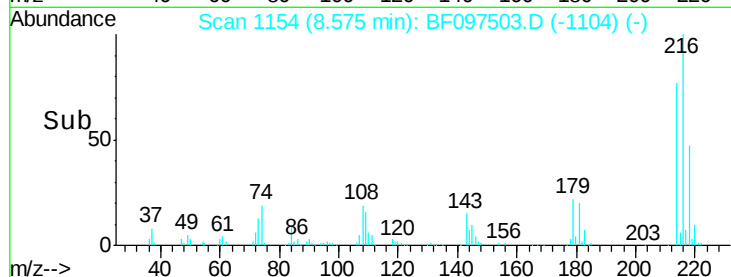
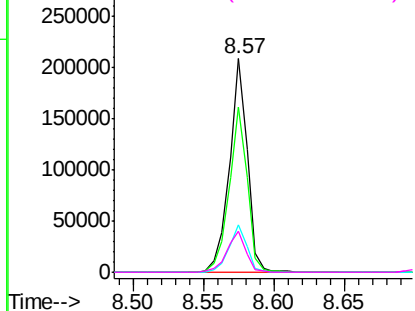
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.83 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion:	216	Resp:	183072
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.2
179	22.5	17.9	26.9
108	20.3	16.5	24.7

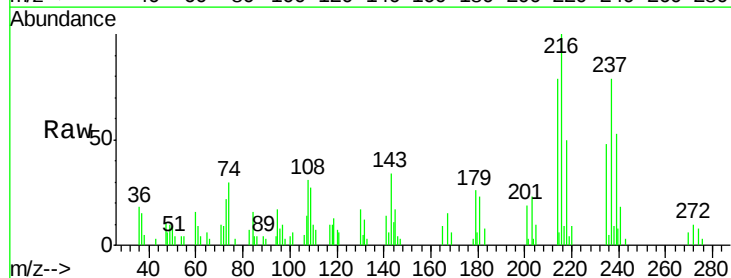


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

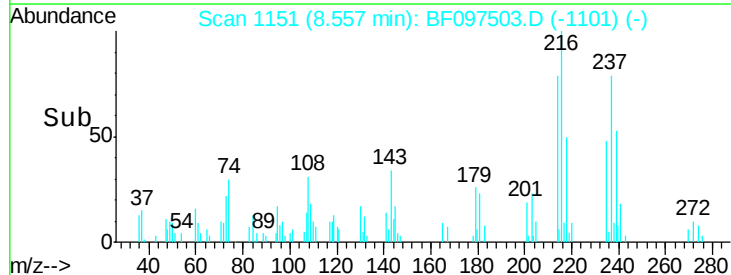
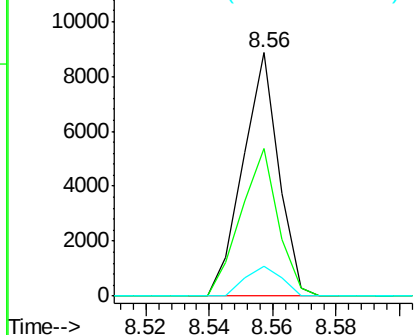


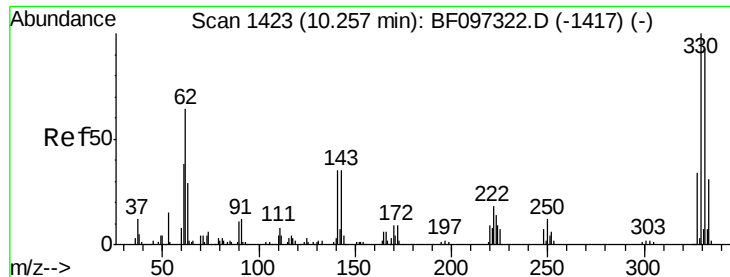
#40
 Hexachlorocyclopentadiene
 Concen: 10.94 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion:	237	Resp:	6915
Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.6	82.6
272	12.3	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

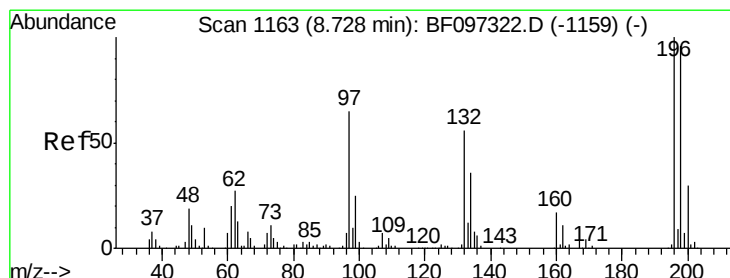
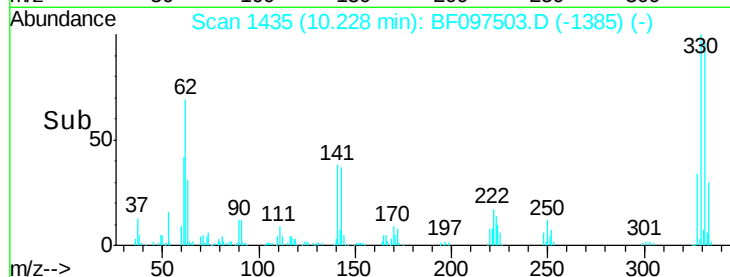
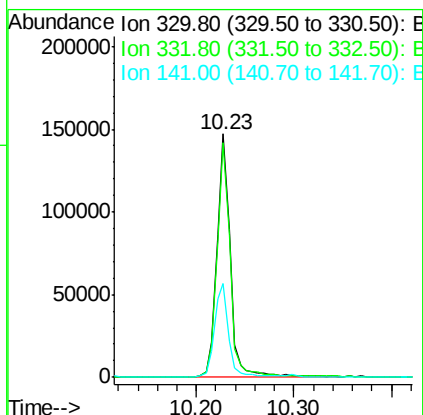
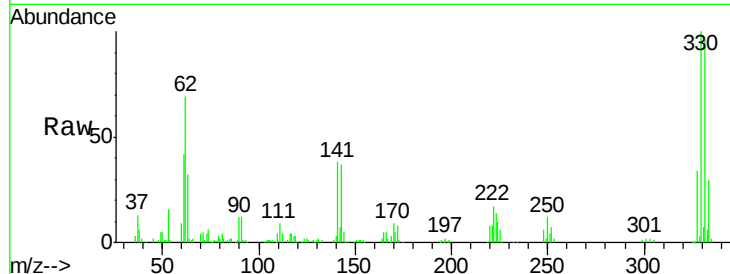




#41
 2,4,6-Tribromophenol
 Concen: 114.76 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

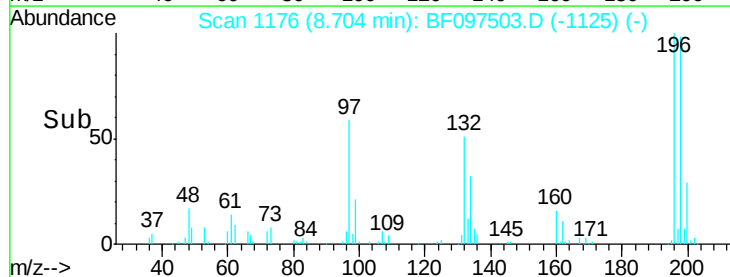
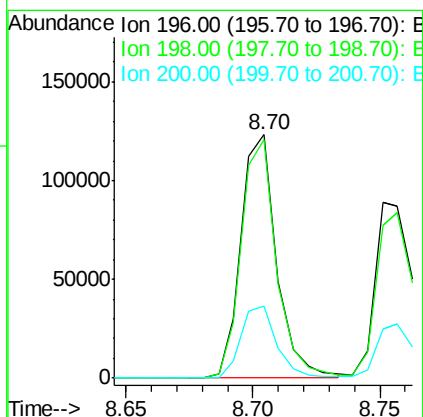
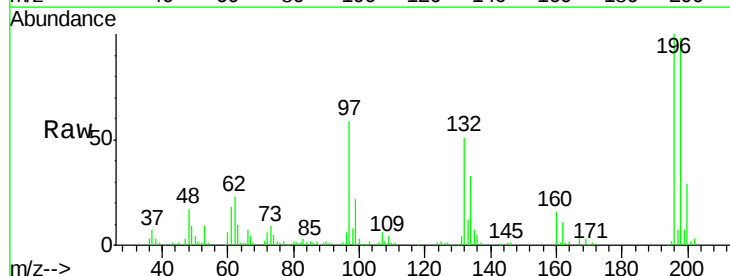
Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

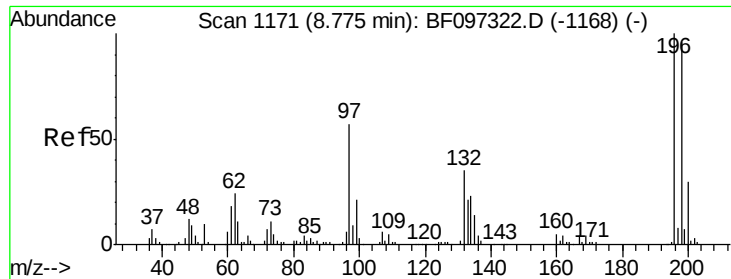
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	40.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	74.2	111.4
200	29.5	24.0	36.0

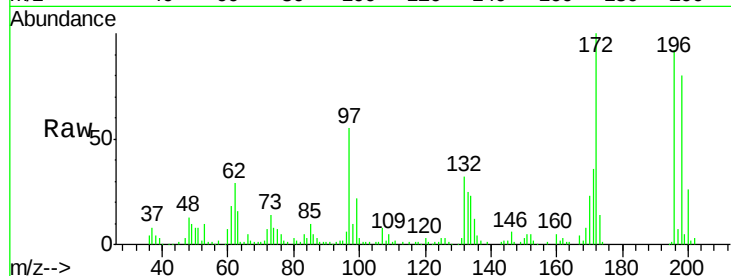




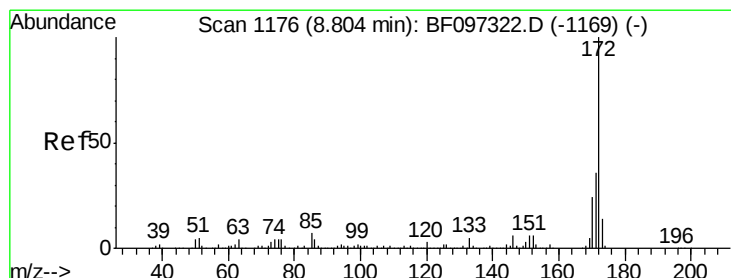
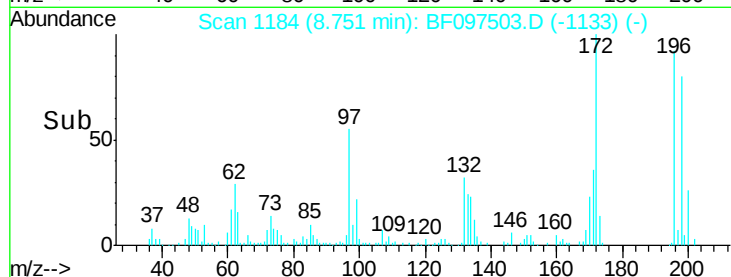
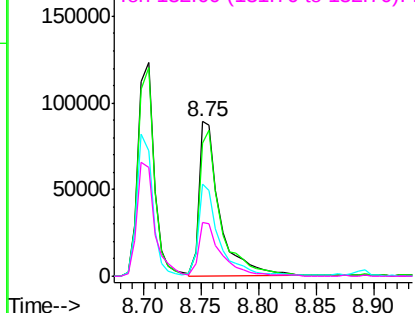
#43
 2,4,5-Trichlorophenol
 Concen: 37.78 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	86.5	75.7	113.5
97	59.7	47.7	71.5
132	34.9	28.0	42.0

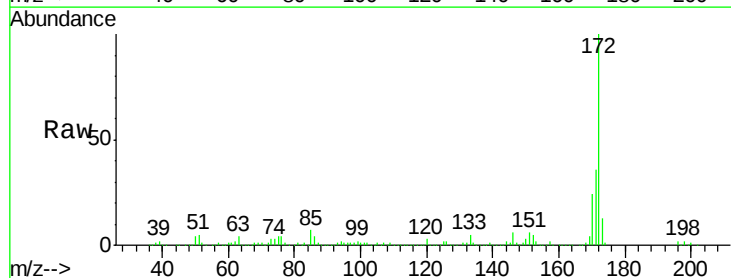


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

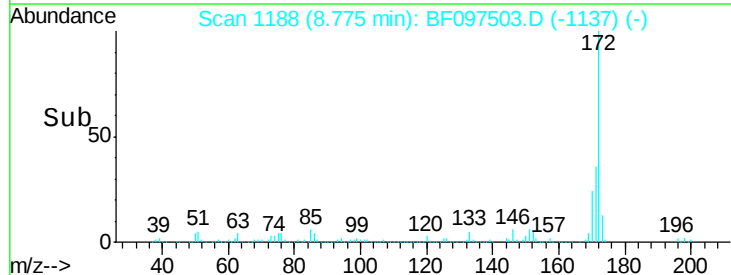
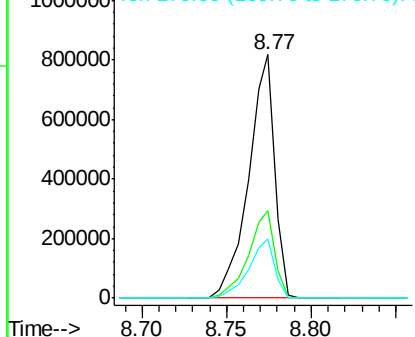


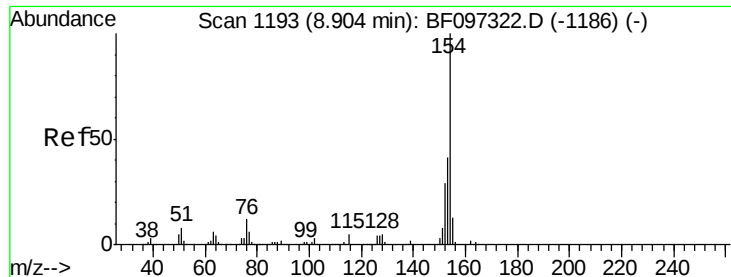
#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	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: 42.04 ng

RT: 8.87 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

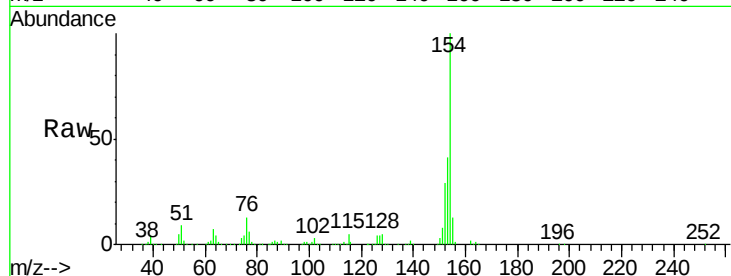
Tot Ion:154 Resp: 562173

Ion Ratio Lower Upper

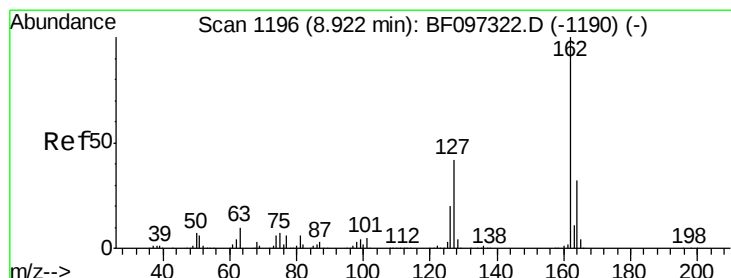
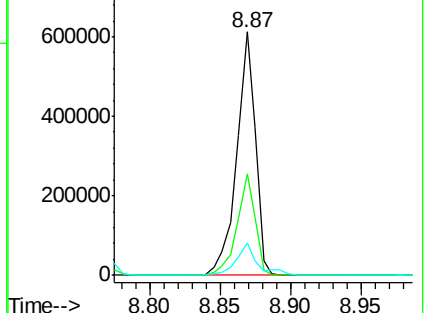
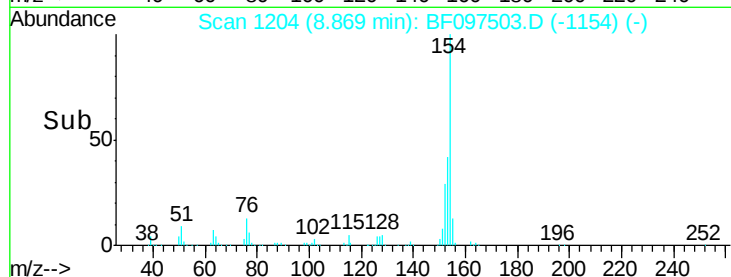
154 100

153 41.5 21.2 61.2

76 13.4 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 42.80 ng

RT: 8.89 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

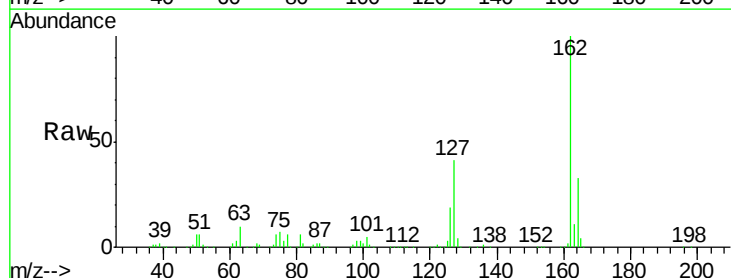
Tgt Ion:162 Resp: 421171

Ion Ratio Lower Upper

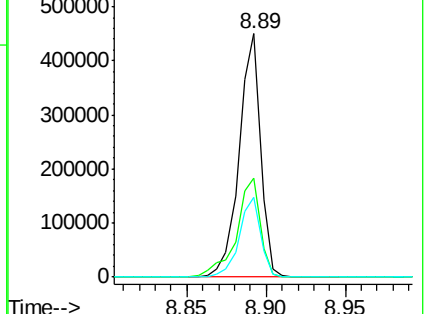
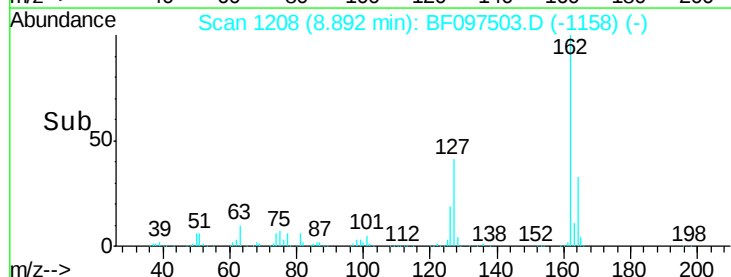
162 100

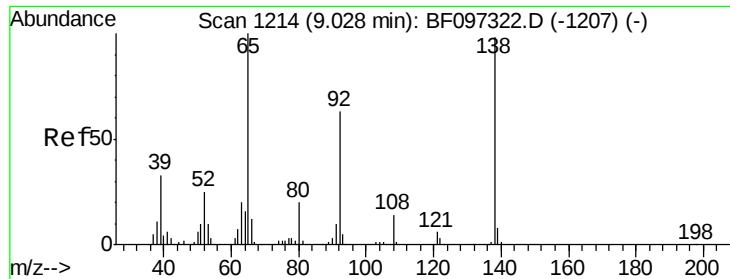
127 40.7 28.3 42.5

164 32.8 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

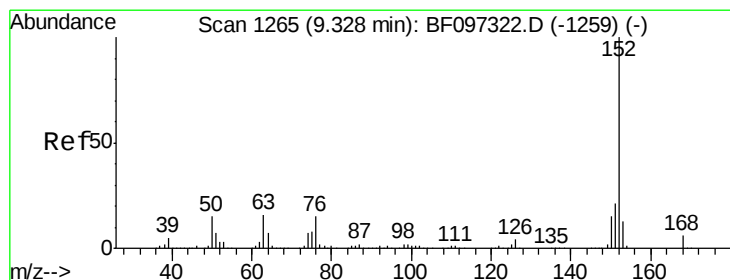
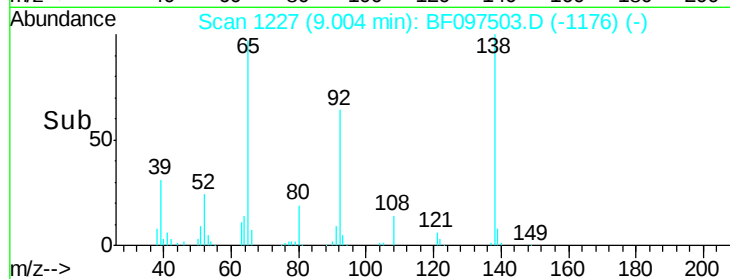
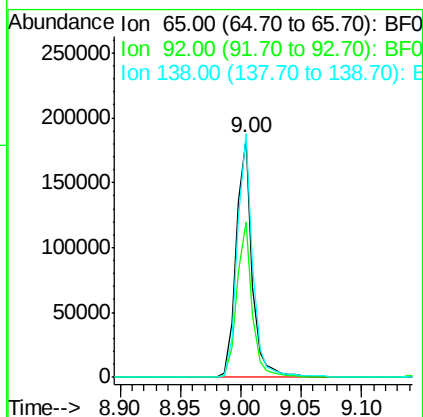
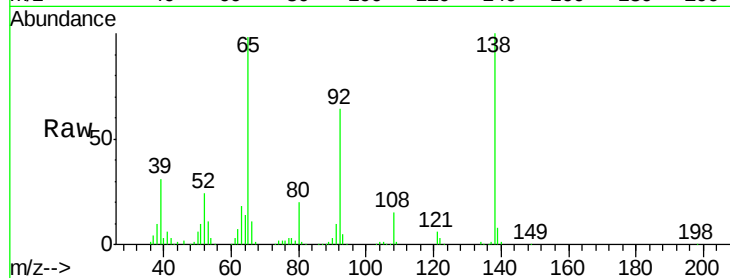




#47
2-Nitroaniline
Concen: 47.33 ng
RT: 9.00 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

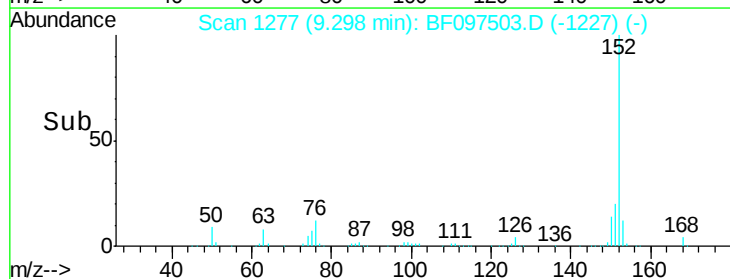
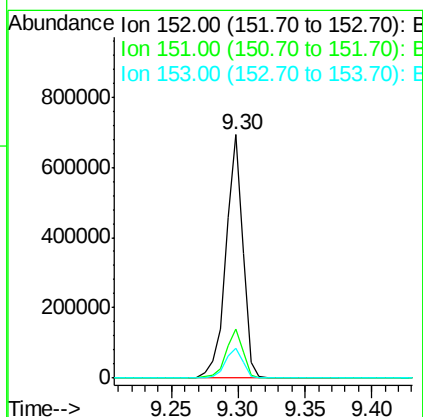
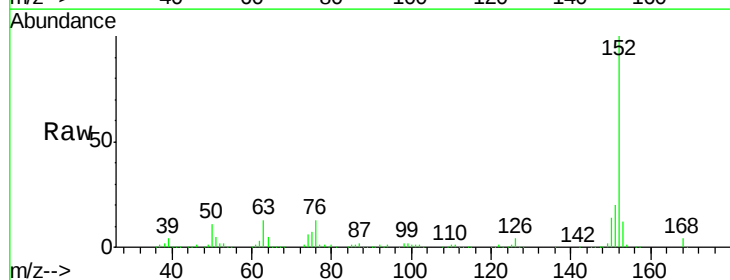
Instrument :
BNA_F
ClientSampleId :
PB101261BS

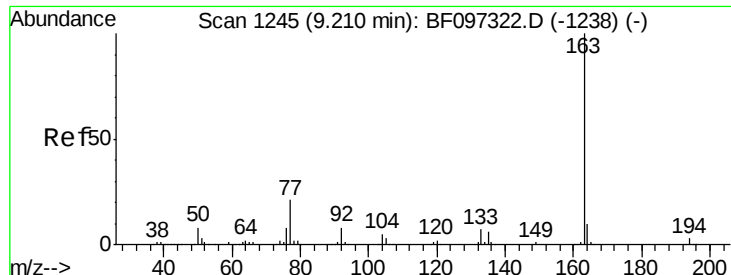
Tot Ion: 65 Resp: 169004
Ion Ratio Lower Upper
65 100
92 65.1 53.9 80.9
138 102.1 78.8 118.2



#48
Acenaphthylene
Concen: 41.40 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion: 152 Resp: 625258
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 12.4 10.8 16.2

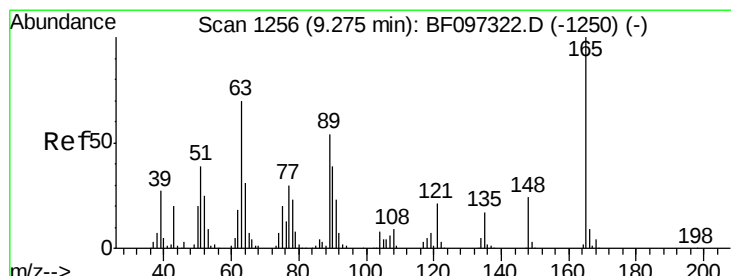
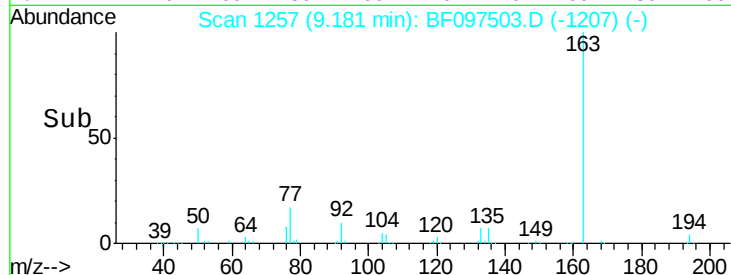
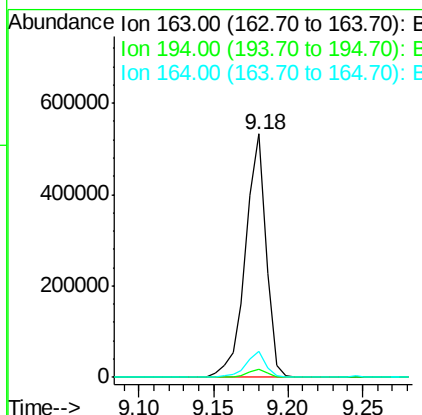
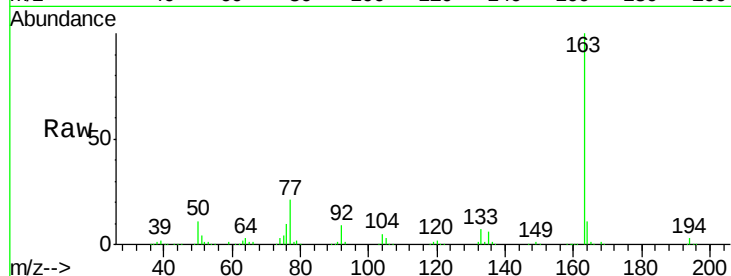




#49
 Dimethylphthalate
 Concen: 42.82 ng
 RT: 9.18 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

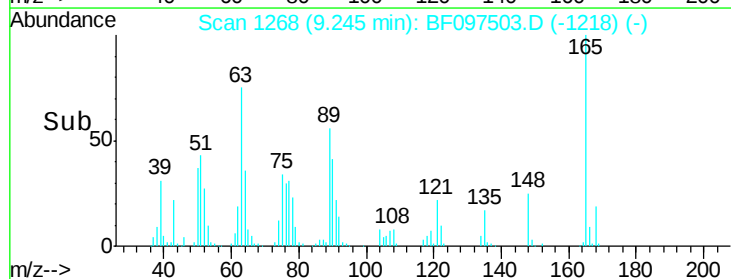
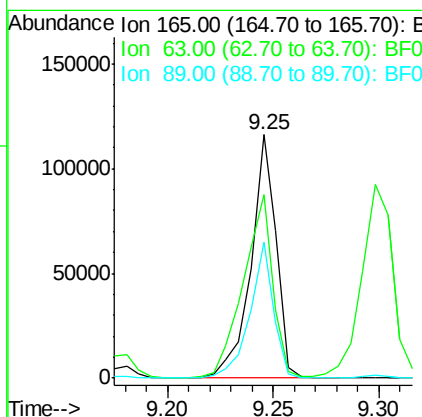
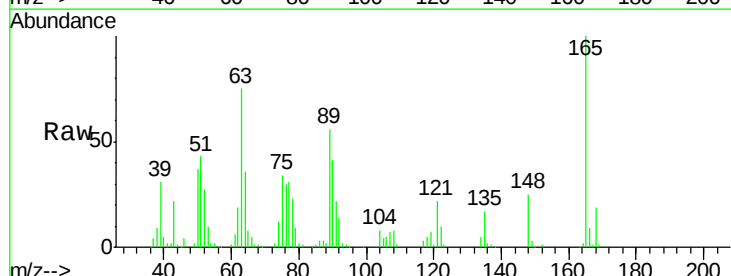
Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

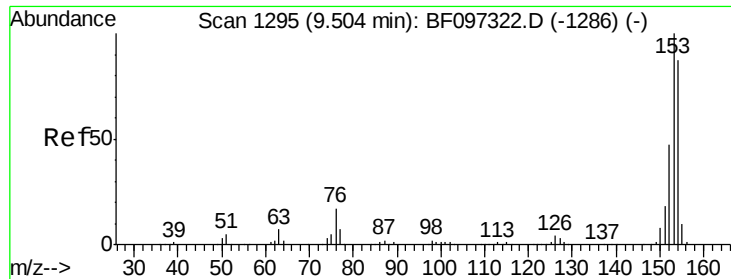
Tot Ion:163	Resp:	509012
Ion Ratio	Lower	Upper
163	100	
194	3.3	2.6 4.0
164	10.6	8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 38.26 ng
 RT: 9.25 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion:165	Resp:	96463
Ion Ratio	Lower	Upper
165	100	
63	75.2	34.3 51.5#
89	56.1	37.1 55.7#





#51

Acenaphthene

Concen: 41.12 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

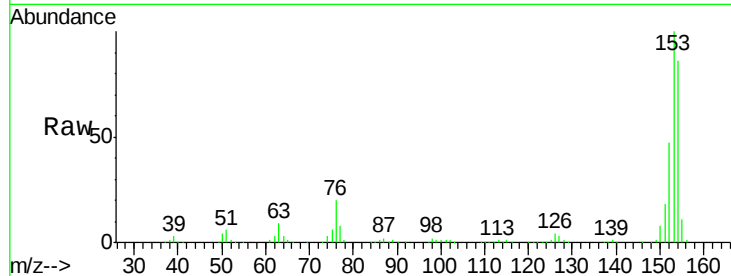
Tot Ion:154 Resp: 365797

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

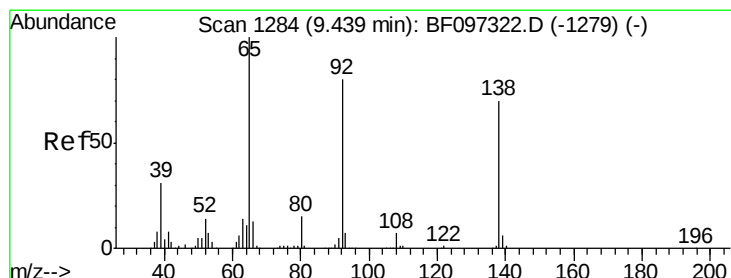
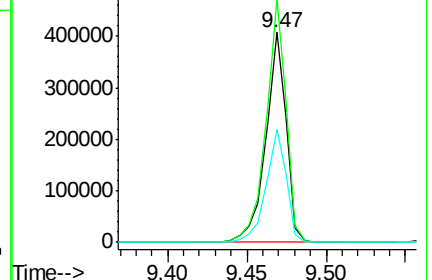
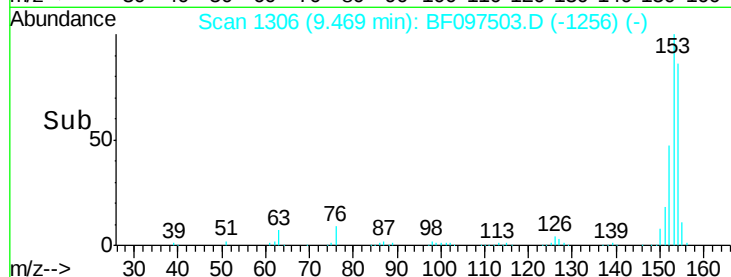
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.39 ng

RT: 9.42 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

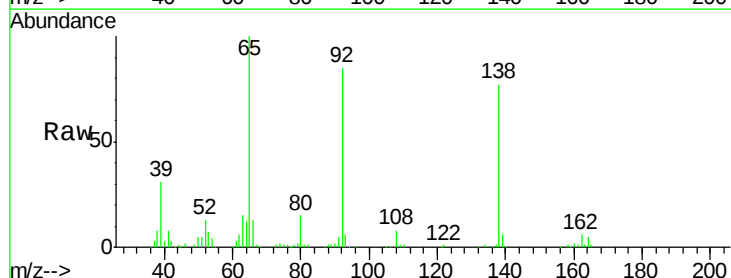
Tgt Ion:138 Resp: 101370

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

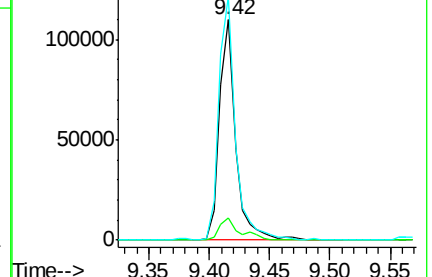
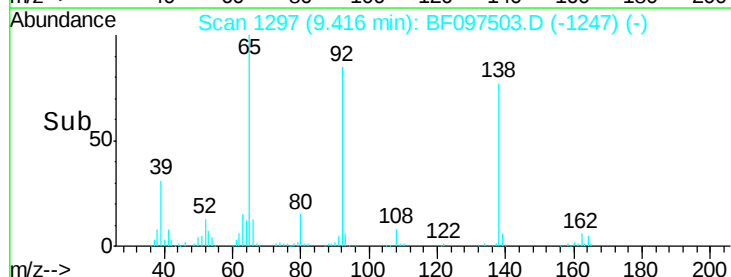
92 110.7 93.8 140.6

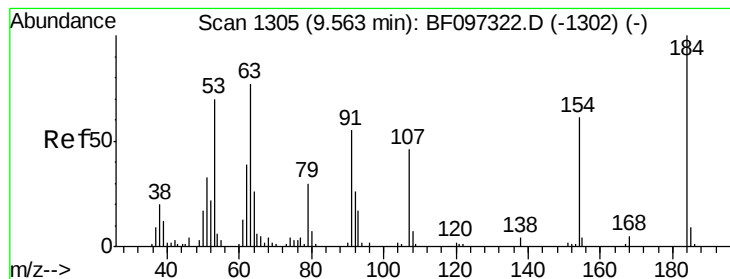


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 8.19 ng

RT: 9.56 min Scan# 1322

Delta R.T. 0.02 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

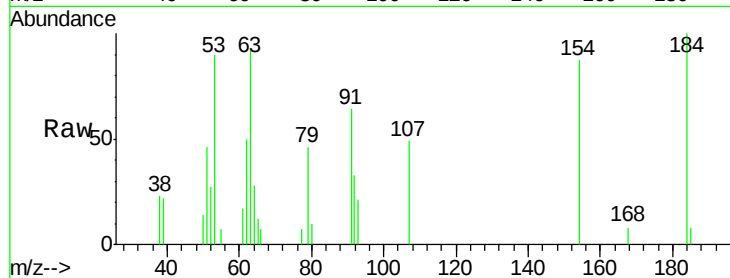
Tot Ion:184 Resp: 9388

Ion Ratio Lower Upper

184 100

63 93.1 62.7 94.1

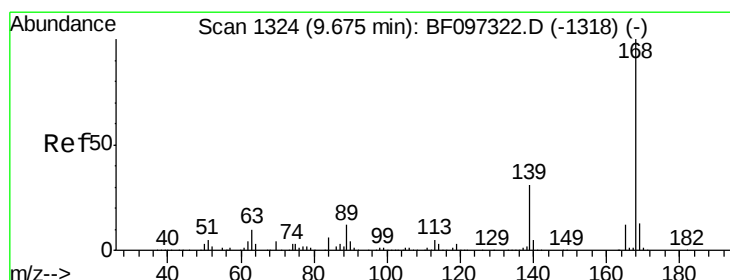
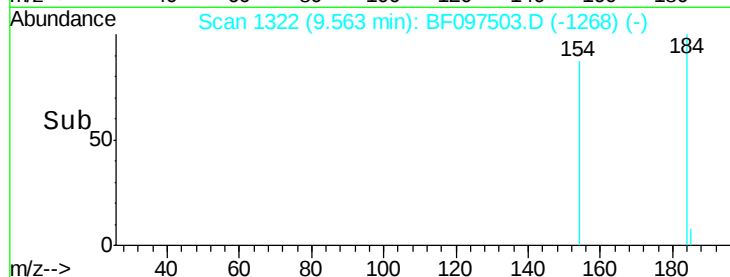
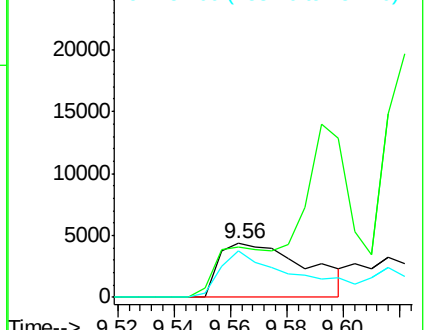
154 87.3 81.1 121.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.01 ng

RT: 9.64 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

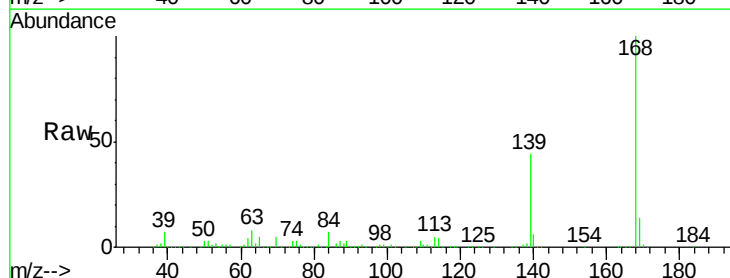
Tgt Ion:168 Resp: 545224

Ion Ratio Lower Upper

168 100

139 44.4 30.6 45.8

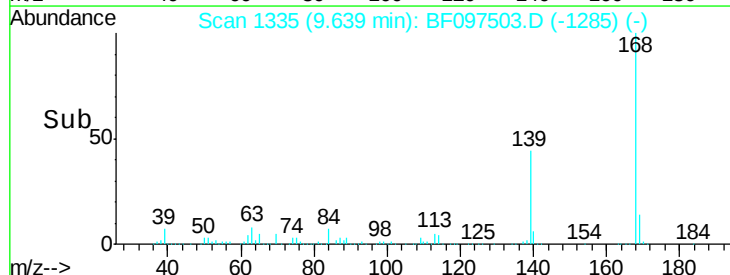
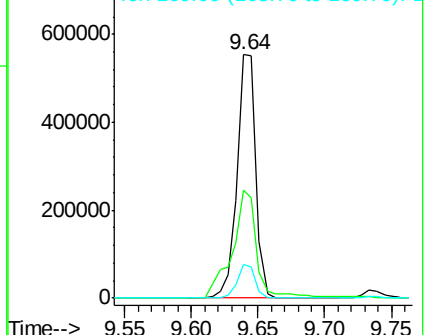
169 13.6 10.8 16.2

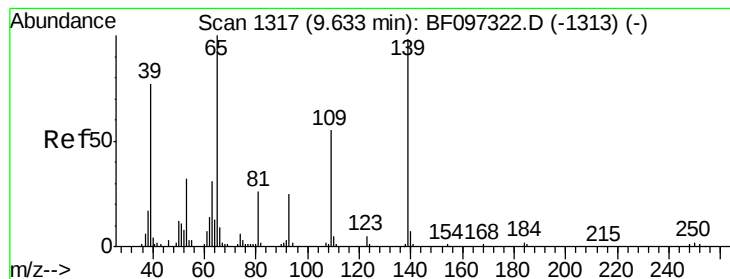


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 177.33 ng

RT: 9.64 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

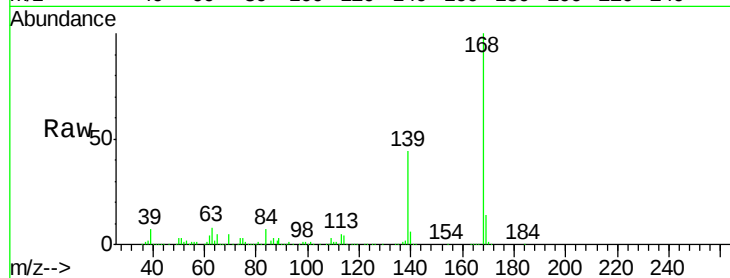
Tot Ion:139 Resp: 330036

Ion Ratio Lower Upper

139 100

109 6.3 34.1 74.1#

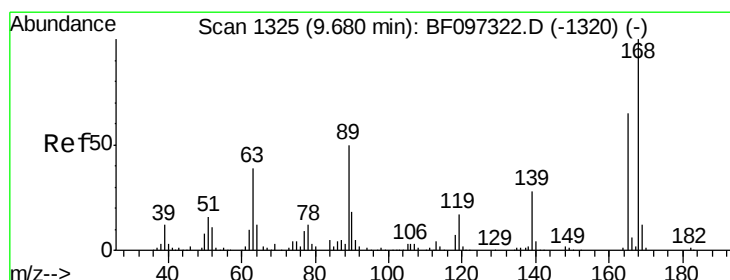
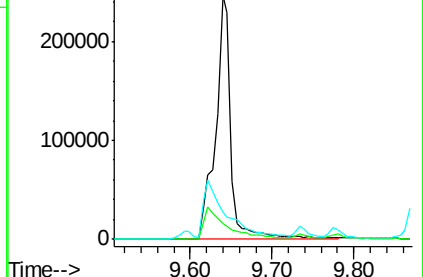
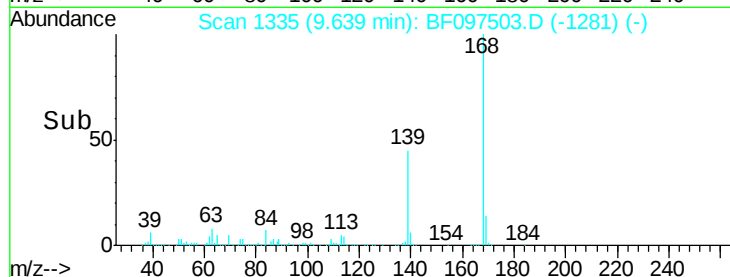
65 11.2 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.30 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:165 Resp: 116801

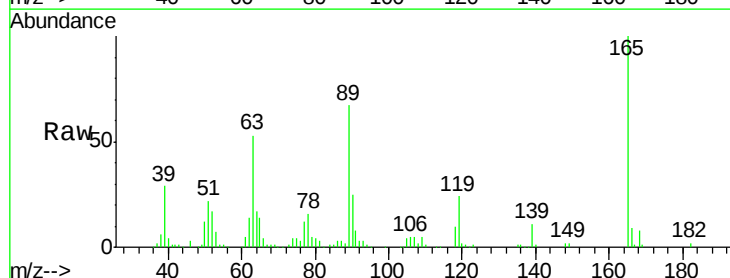
Ion Ratio Lower Upper

165 100

63 53.2 25.4 38.0#

89 67.5 46.4 69.6

182 2.0 1.8 2.6

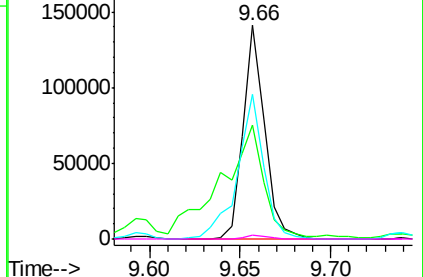
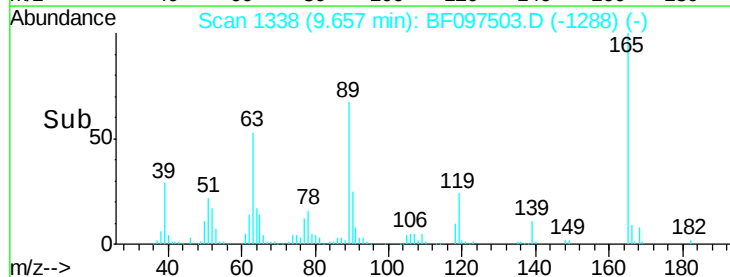


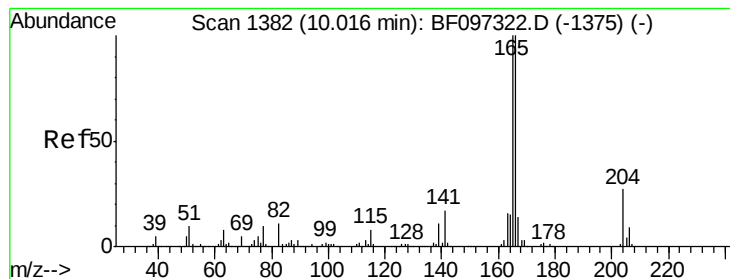
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.71 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

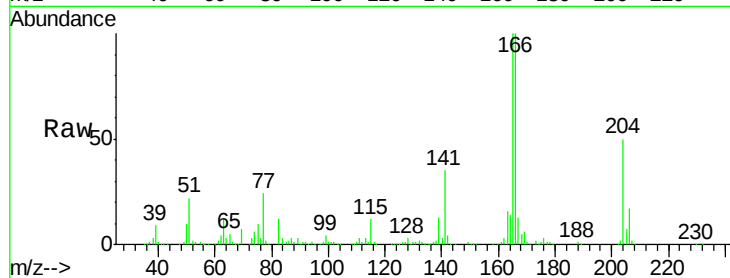
Tot Ion:166 Resp: 380413

Ion Ratio Lower Upper

166 100

165 100.3 78.8 118.2

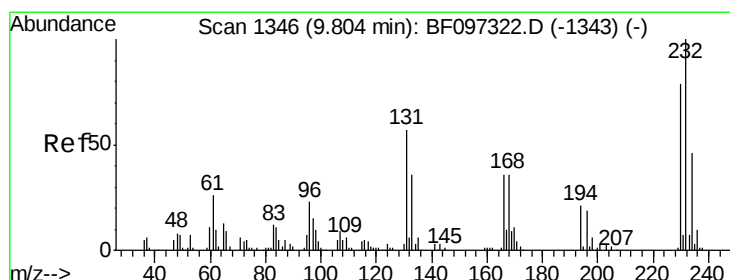
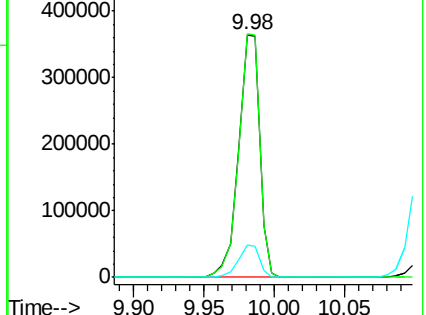
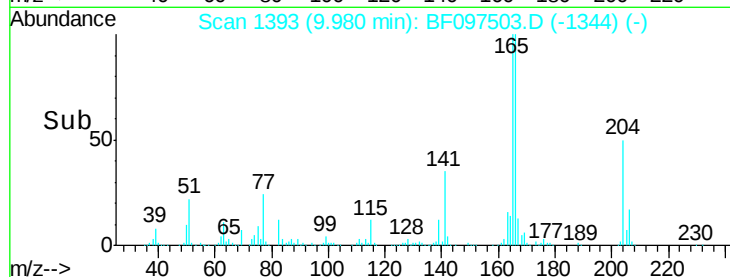
167 13.5 10.6 16.0



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: 41.86 ng

RT: 9.78 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Tgt Ion:232 Resp: 87577

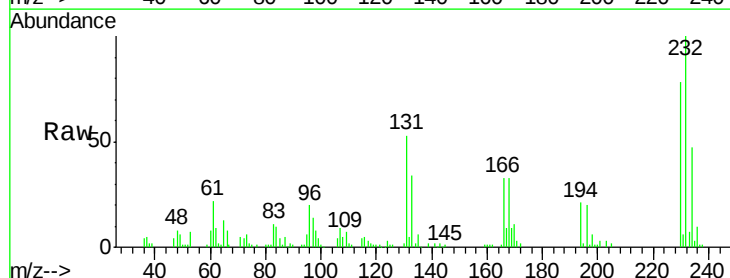
Ion Ratio Lower Upper

232 100

131 52.5 44.8 67.2

130 2.1 2.3 3.5#

166 32.0 29.0 43.4

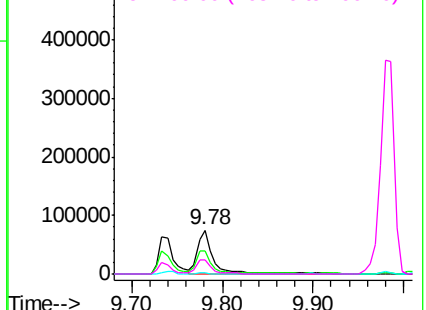
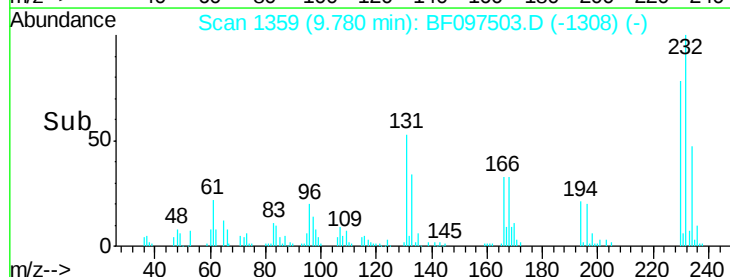


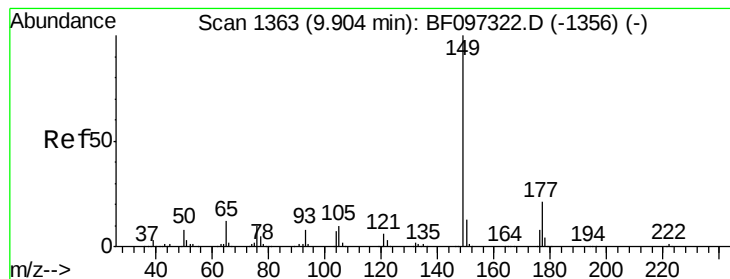
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.07 ng

RT: 9.87 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

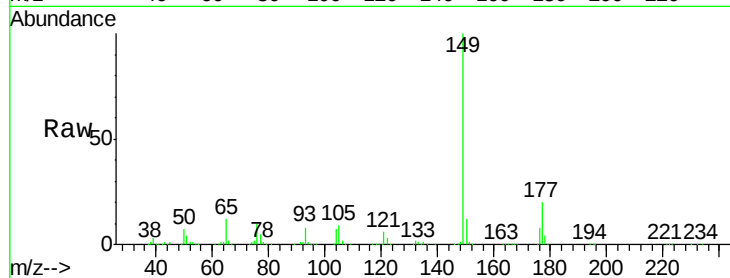
Tot Ion:149 Resp: 480625

Ion Ratio Lower Upper

149 100

177 19.6 16.7 25.1

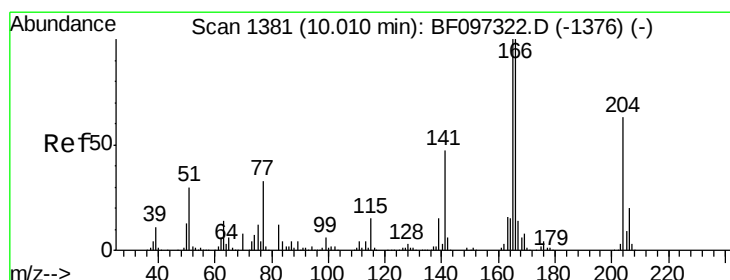
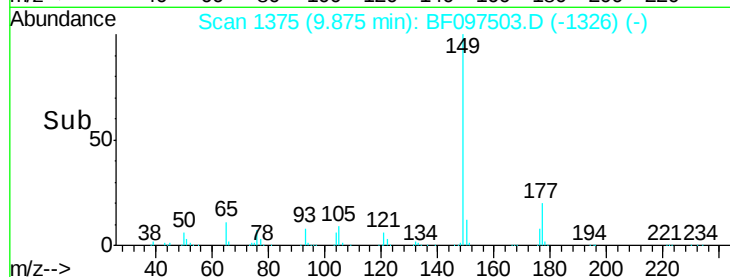
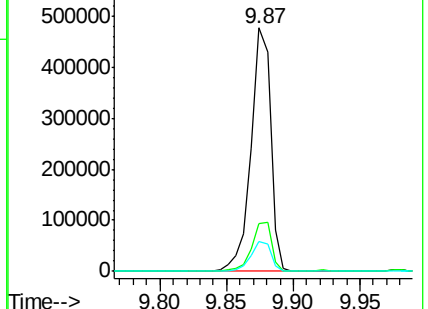
150 12.4 10.2 15.2



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: 44.83 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

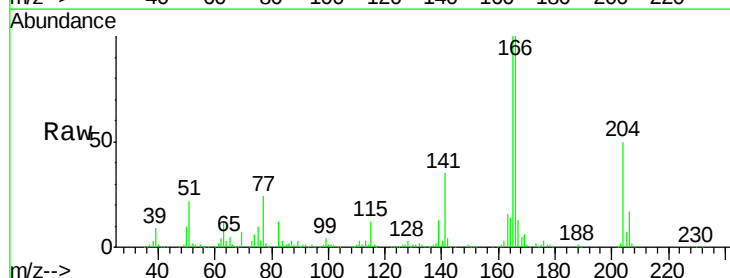
Tgt Ion:204 Resp: 164880

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

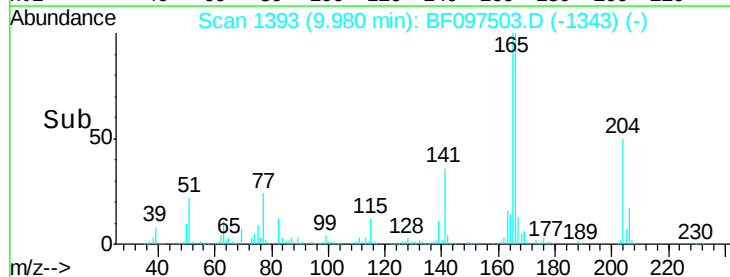
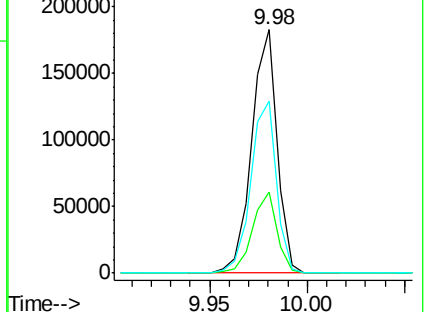
141 70.9 60.8 91.2

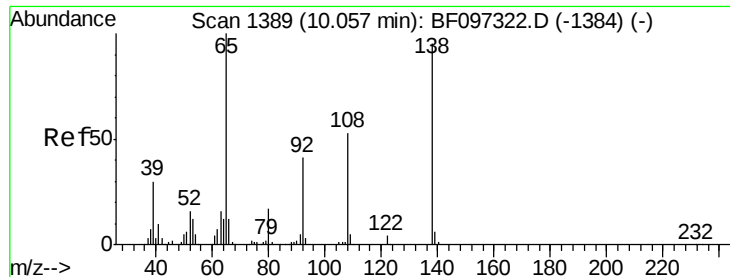


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

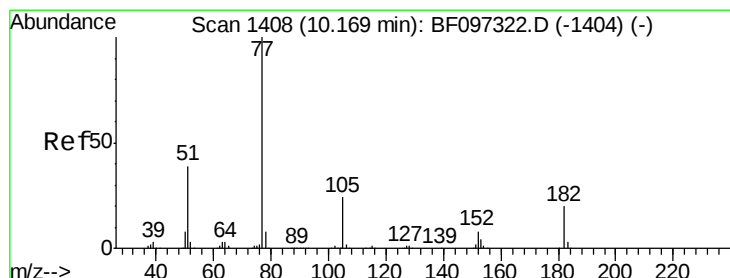
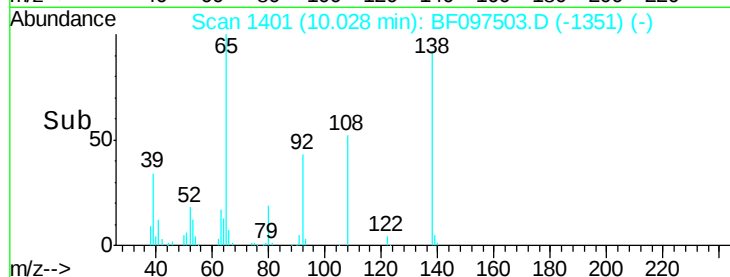
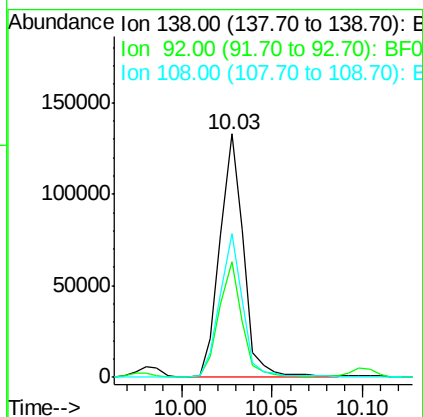
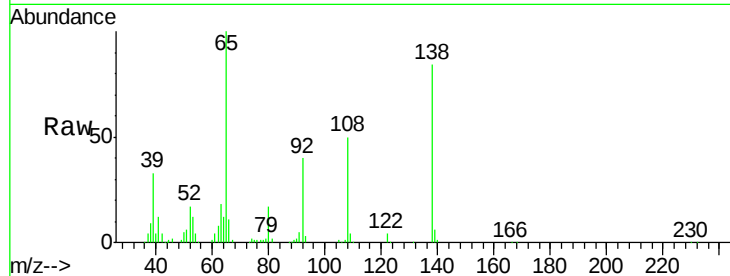




#61
4-Nitroaniline
Concen: 40.89 ng
RT: 10.03 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

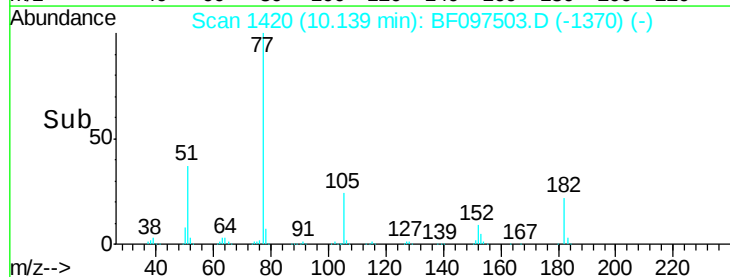
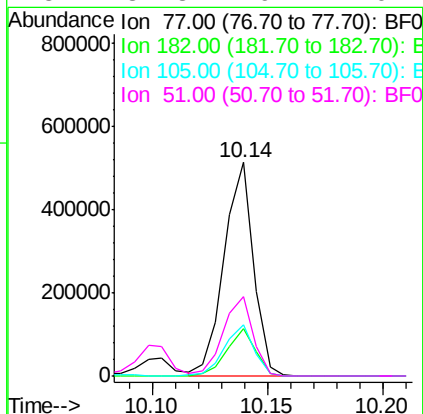
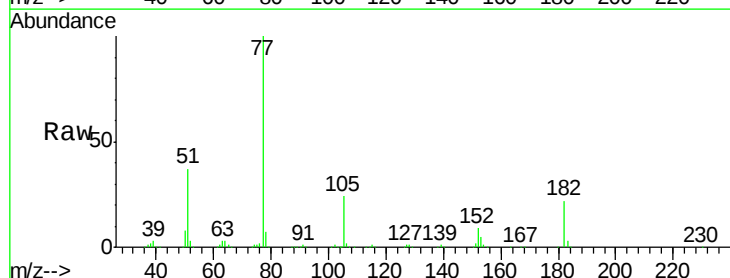
Instrument :
BNA_F
ClientSampleId :
PB101261BS

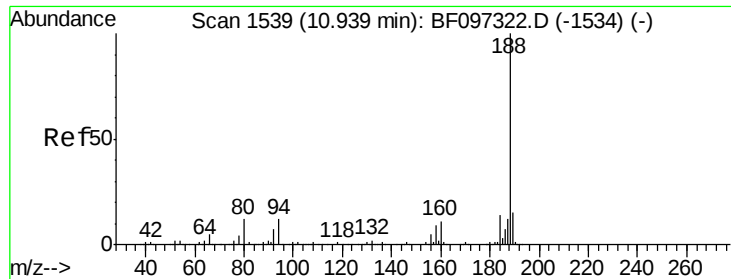
Tot Ion:138 Resp: 121582
Ion Ratio Lower Upper
138 100
92 47.5 21.8 61.8
108 59.1 42.3 82.3



#62
Azobenzene
Concen: 44.90 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion: 77 Resp: 454243
Ion Ratio Lower Upper
77 100
182 22.0 0.1 40.1
105 24.2 3.6 43.6
51 37.3 9.4 49.4

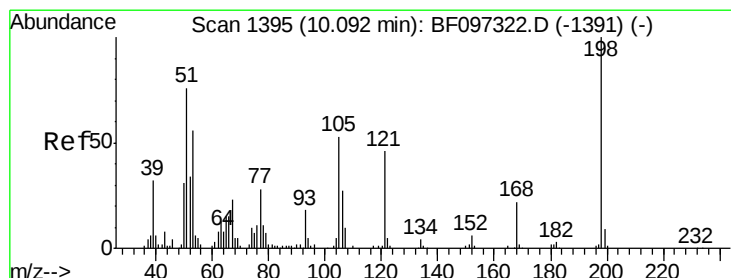
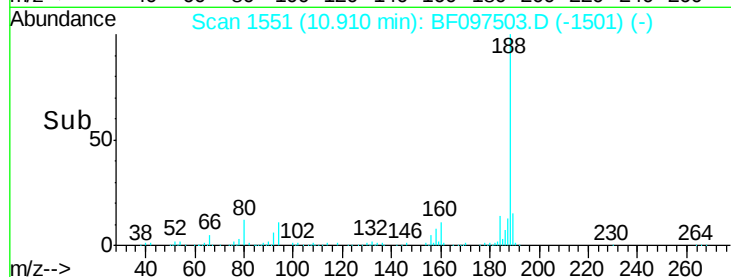
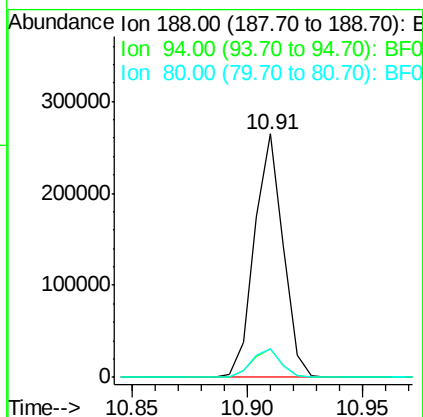
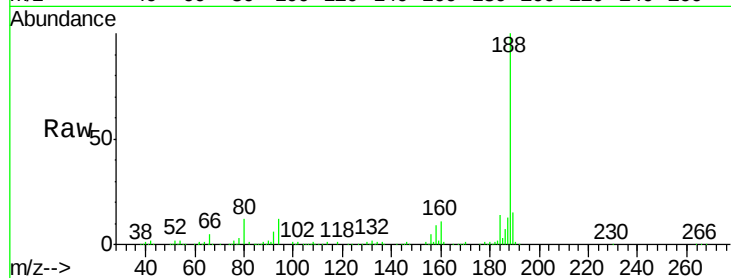




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

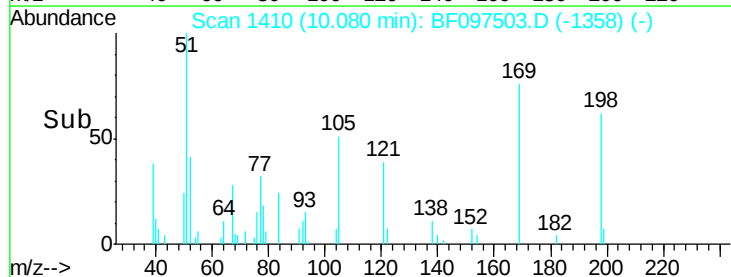
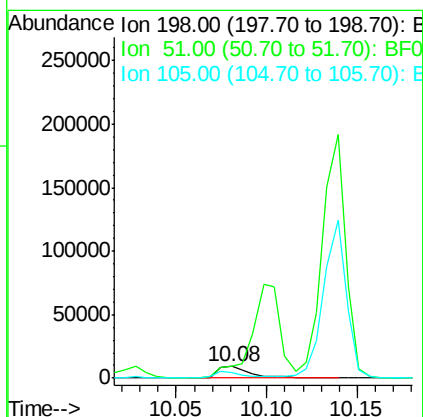
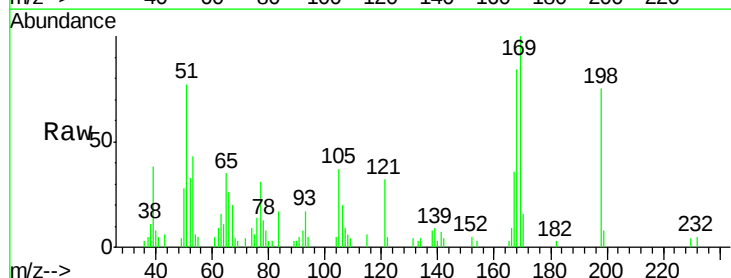
Instrument :
BNA_F
ClientSampleId :
PB101261BS

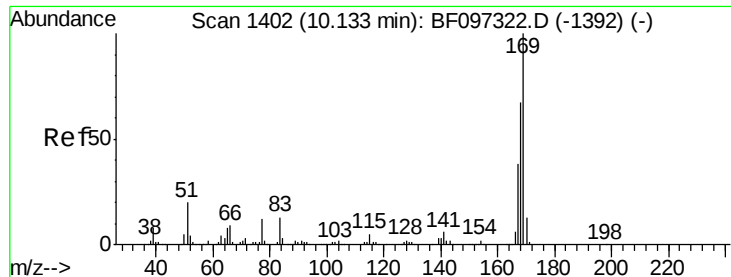
Tot Ion:188 Resp: 230470
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.41 ng
RT: 10.08 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion:198 Resp: 12041
Ion Ratio Lower Upper
198 100
51 102.4 53.2 93.2#
105 49.3 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 45.67 ng

RT: 10.10 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

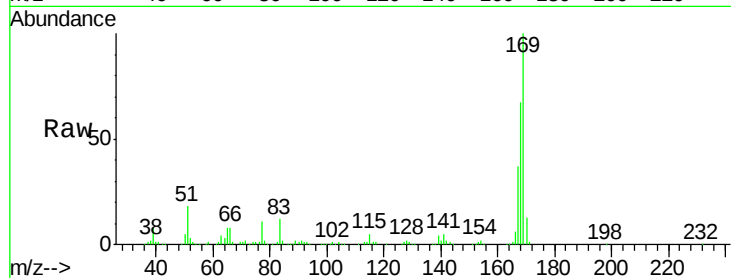
Tot Ion:169 Resp: 366253

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

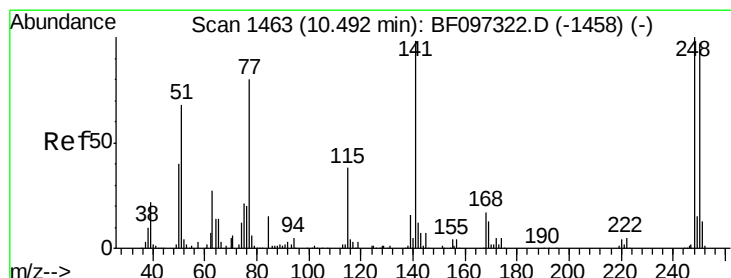
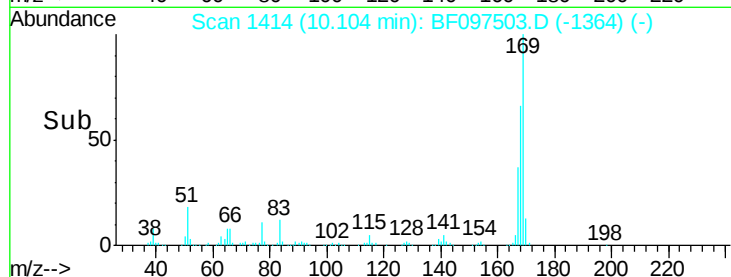
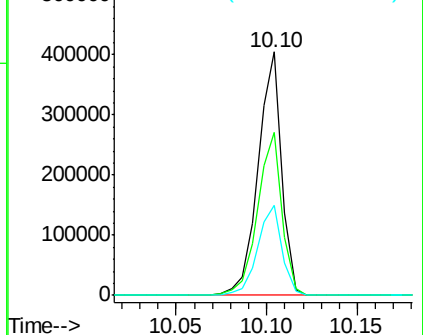
167 37.1 29.5 44.3



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: 45.08 ng

RT: 10.46 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

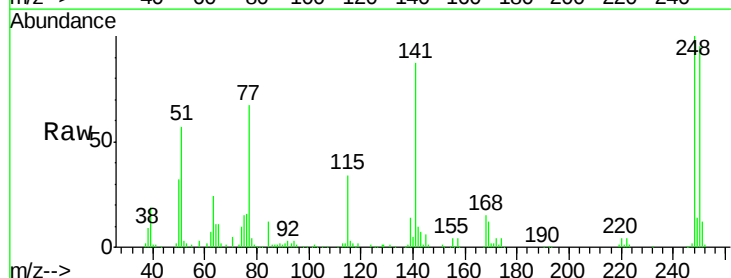
Tgt Ion:248 Resp: 103684

Ion Ratio Lower Upper

248 100

250 95.2 76.8 115.2

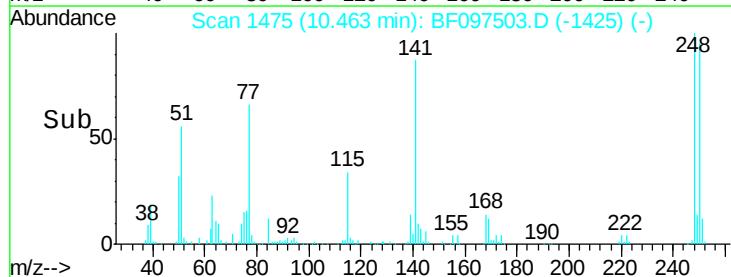
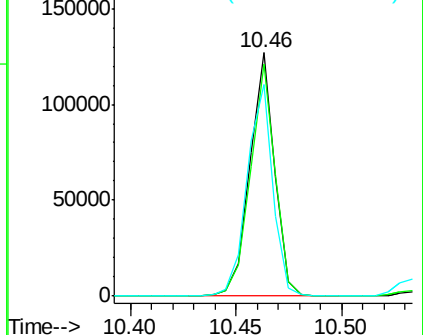
141 86.9 68.6 103.0

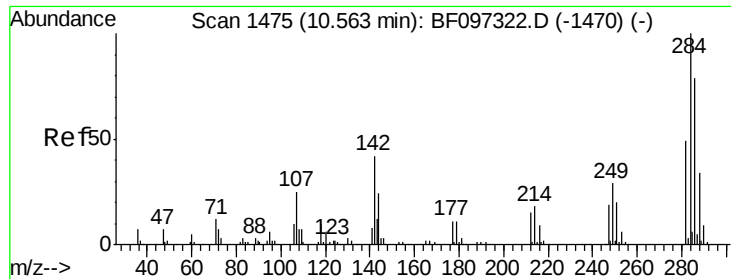


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

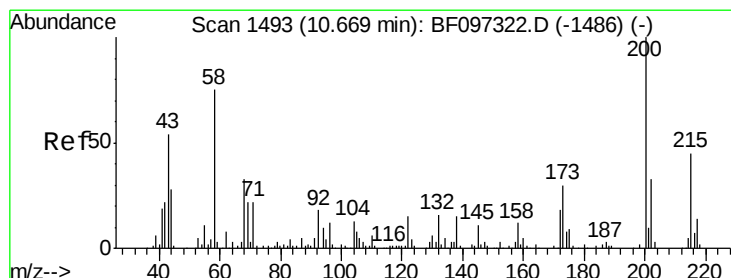
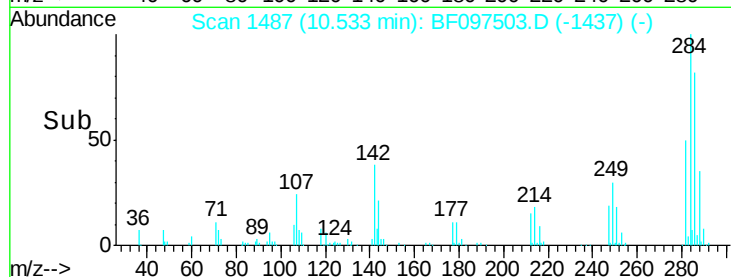
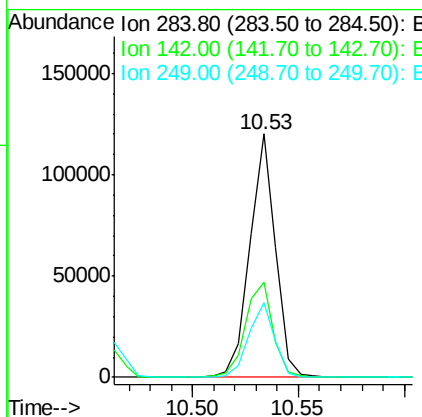
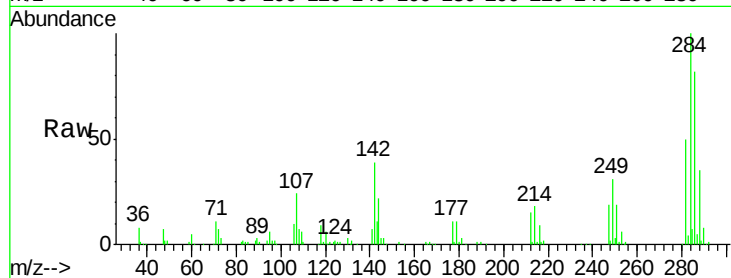




#67
Hexachlorobenzene
Concen: 39.16 ng
RT: 10.53 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

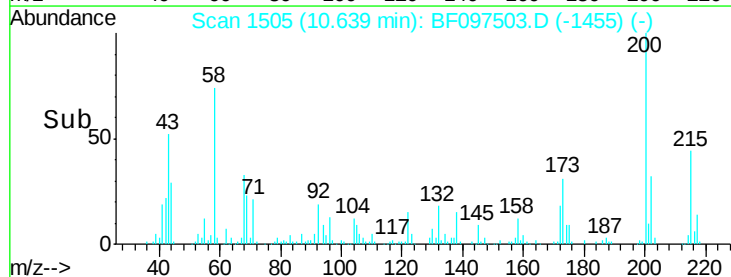
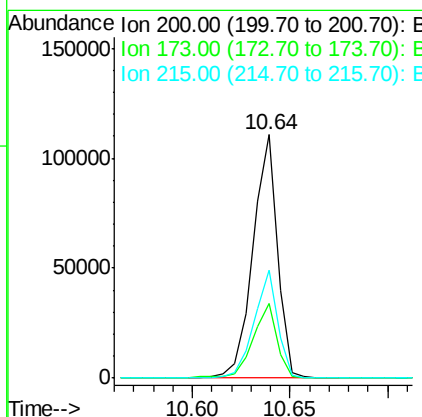
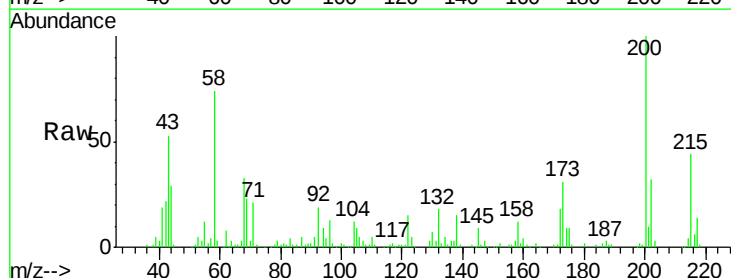
Instrument :
BNA_F
ClientSampleId :
PB101261BS

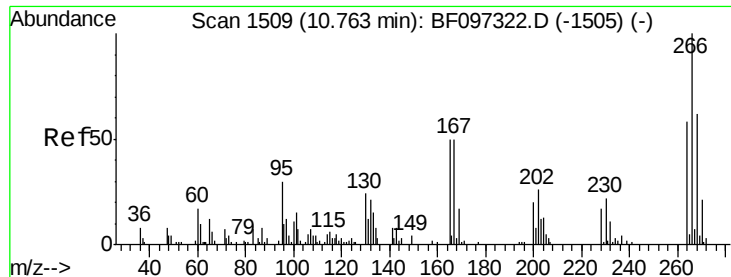
Tot Ion:284 Resp: 101014
Ion Ratio Lower Upper
284 100
142 39.0 22.8 34.2#
249 30.6 24.0 36.0



#68
Atrazine
Concen: 41.99 ng
RT: 10.64 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion:200 Resp: 96556
Ion Ratio Lower Upper
200 100
173 30.8 6.3 46.3
215 44.1 27.2 67.2





#69

Pentachlorophenol

Concen: 50.78 ng

RT: 10.74 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

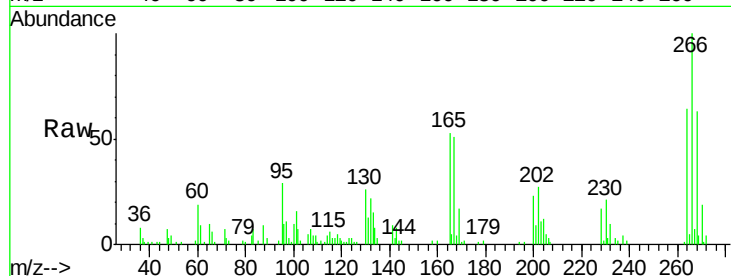
Tot Ion:266 Resp: 54190

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

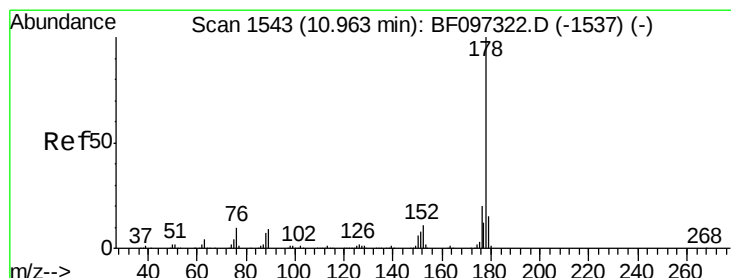
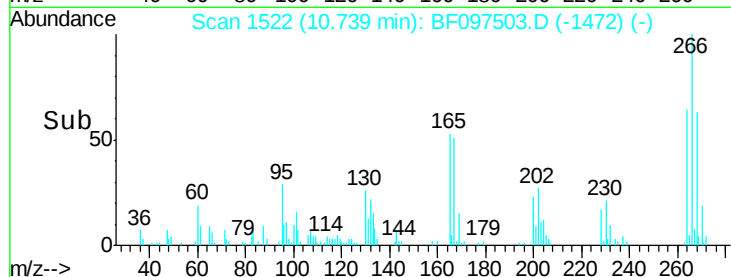
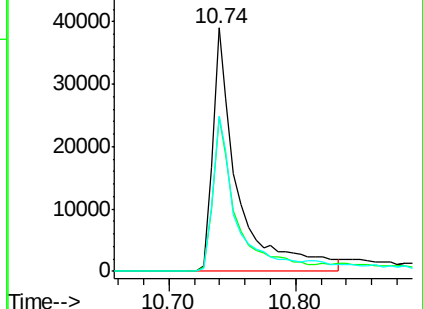
264 63.7 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.88 ng

RT: 10.93 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

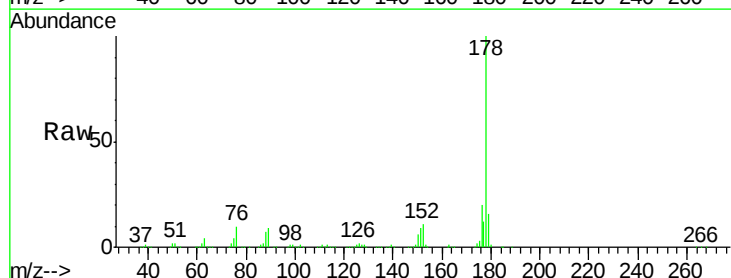
Tgt Ion:178 Resp: 529554

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

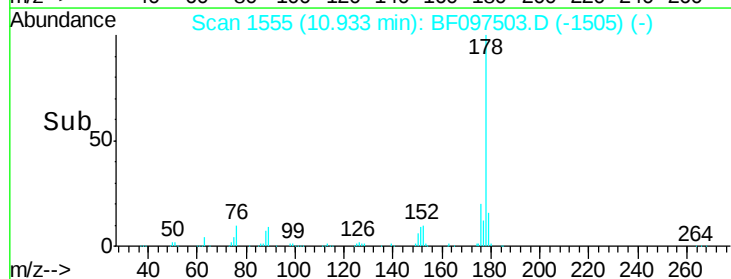
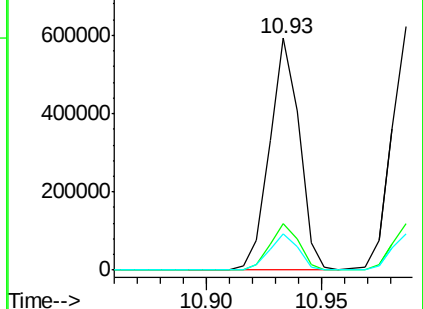
179 15.6 12.6 19.0

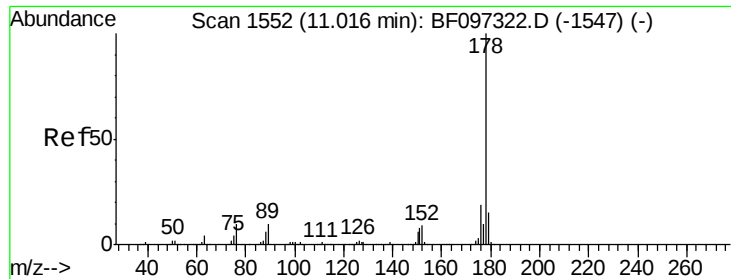


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

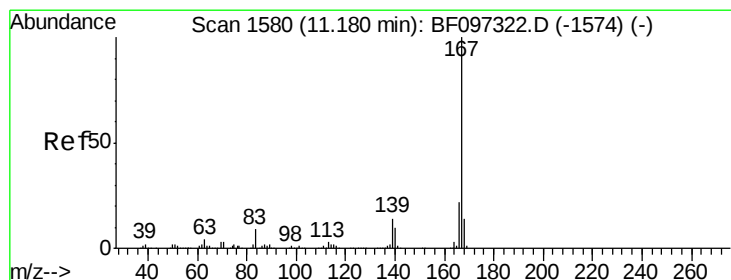
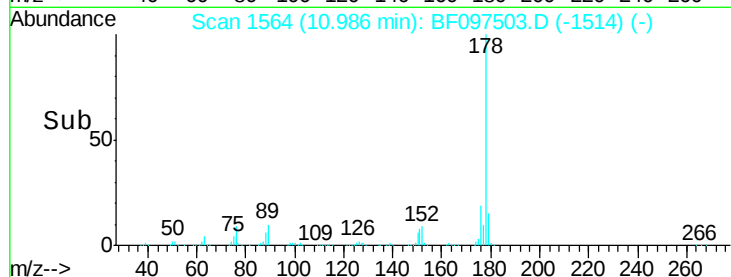
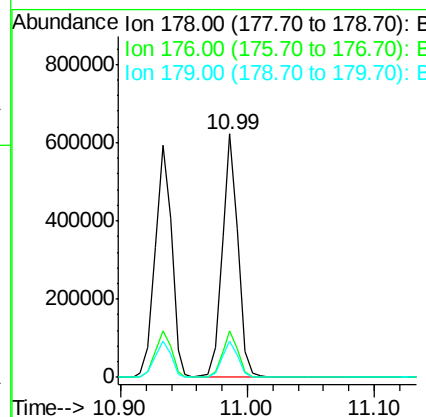
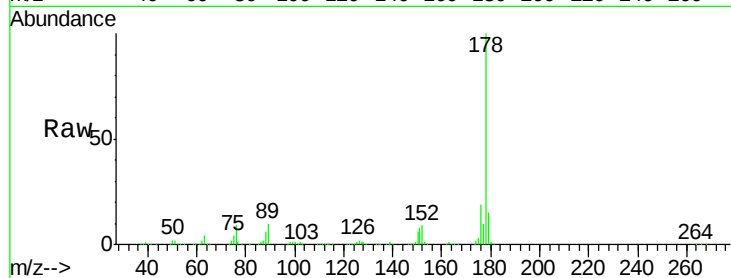




#71
 Anthracene
 Concen: 43.08 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

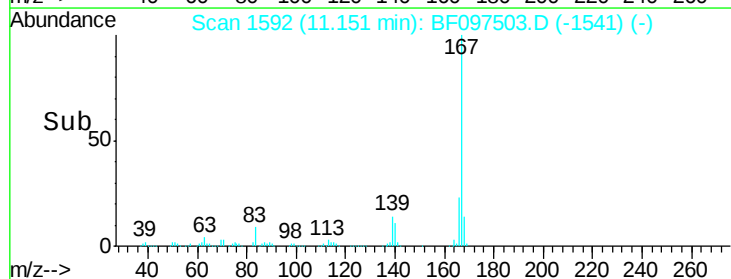
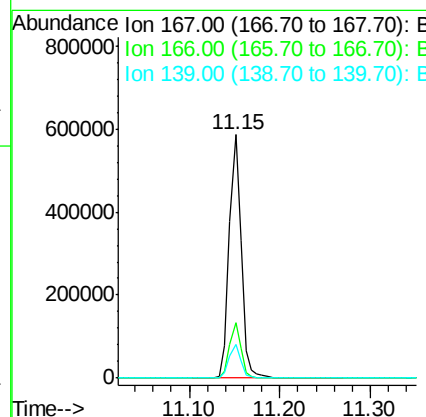
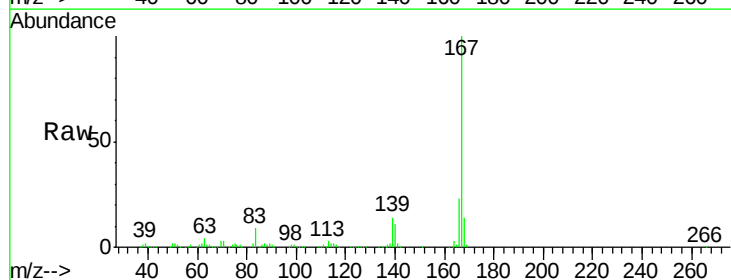
Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

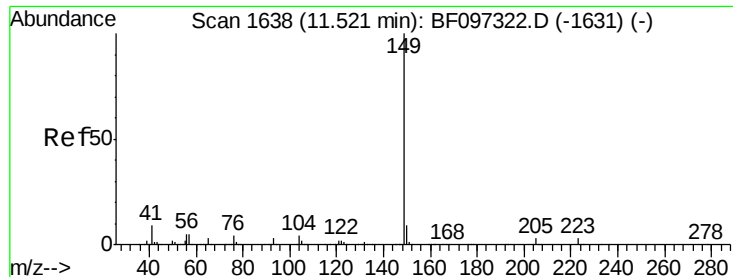
Tot Ion:178 Resp: 544851
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 42.33 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion:167 Resp: 526510
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.82 ng

RT: 11.49 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

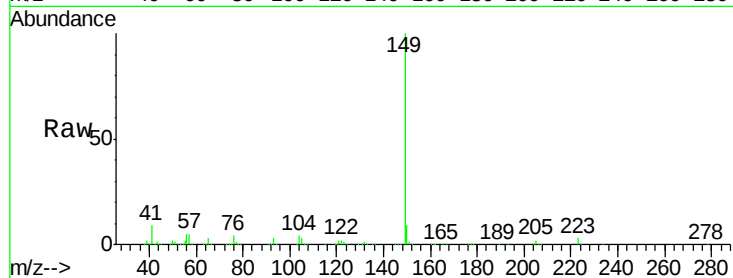
Tot Ion:149 Resp: 673746

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

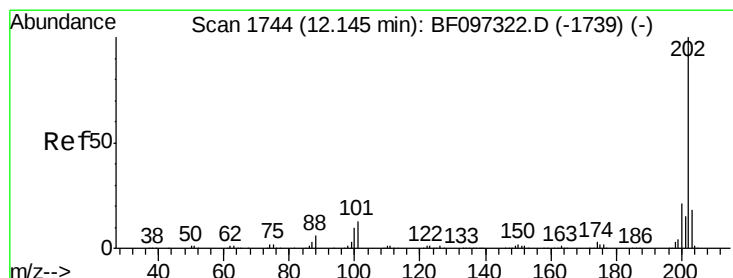
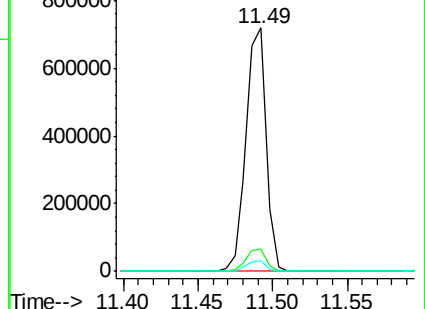
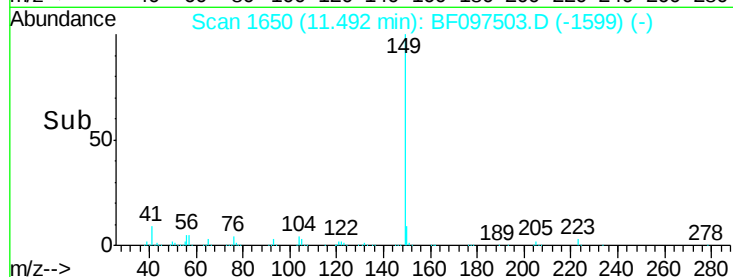
104 4.2 4.0 6.0



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: 41.04 ng

RT: 12.12 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

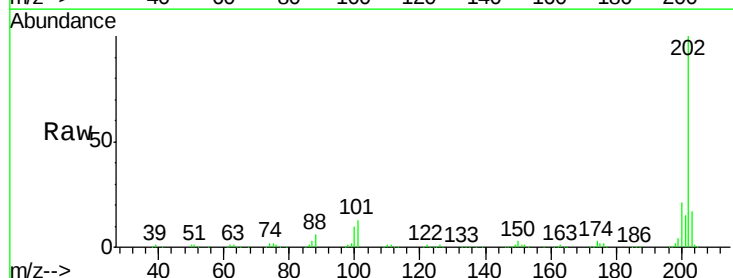
Tgt Ion:202 Resp: 496460

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

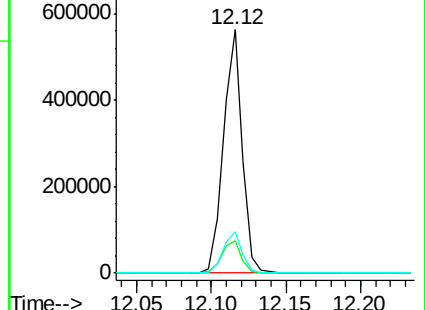
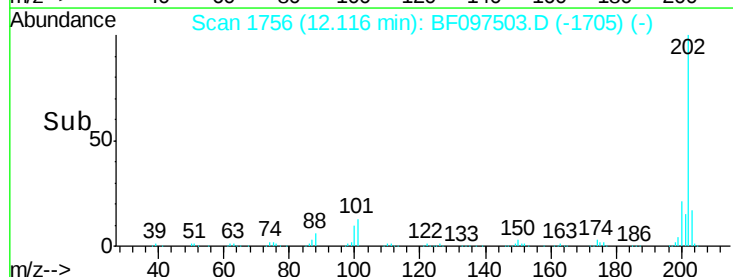
203 17.0 0.0 38.1

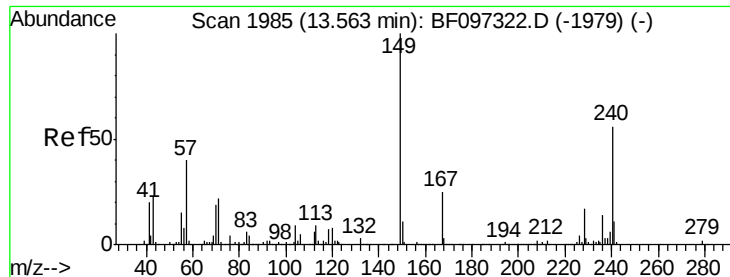


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

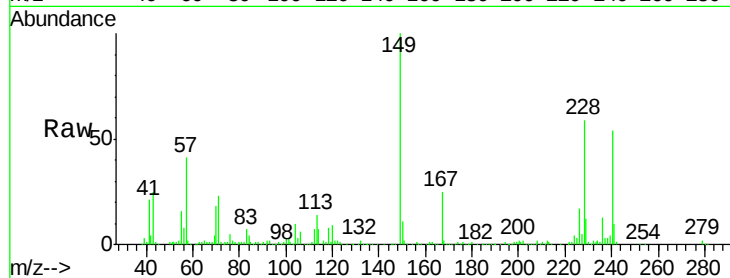
Tot Ion:240 Resp: 146678

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

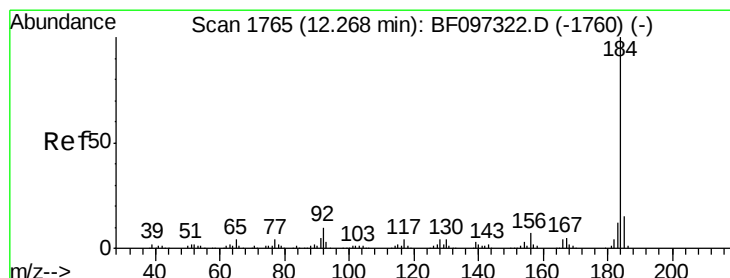
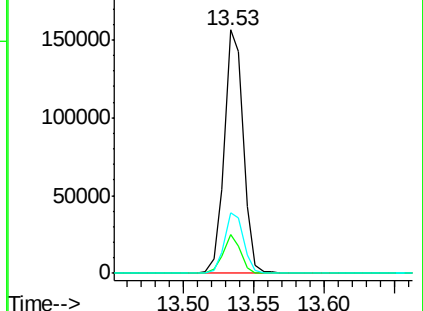
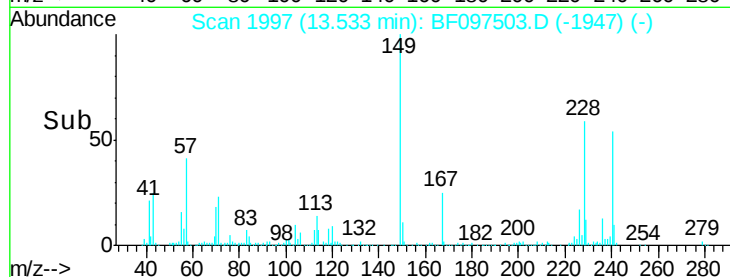
236 24.6 20.5 30.7



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: 56.81 ng

RT: 12.25 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

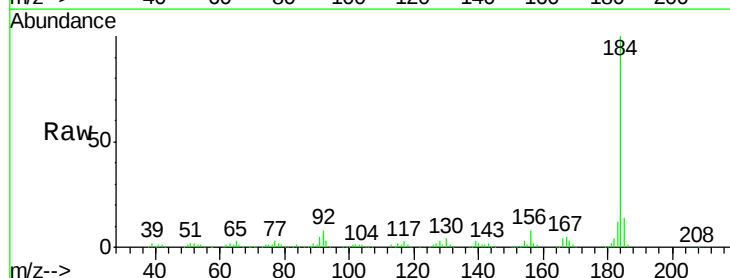
Tgt Ion:184 Resp: 309169

Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

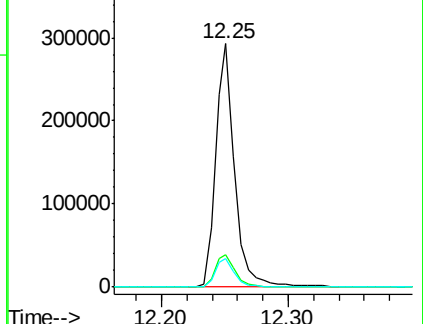
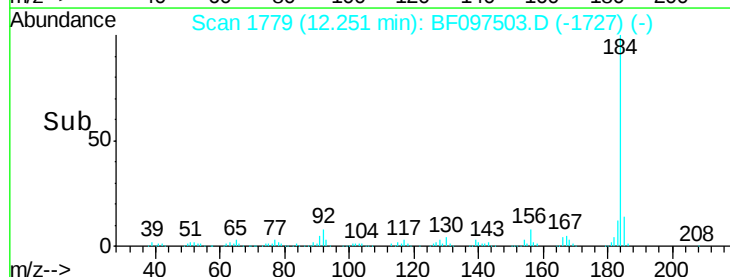
183 11.6 9.8 14.6

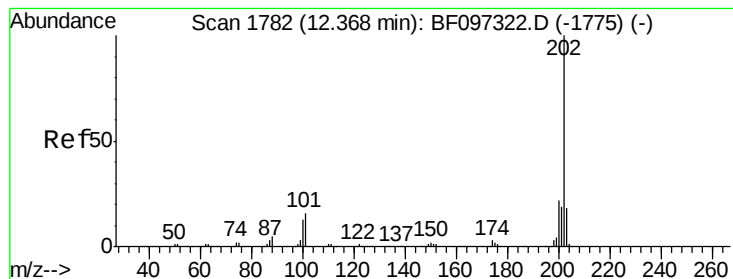


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.17 ng

RT: 12.34 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

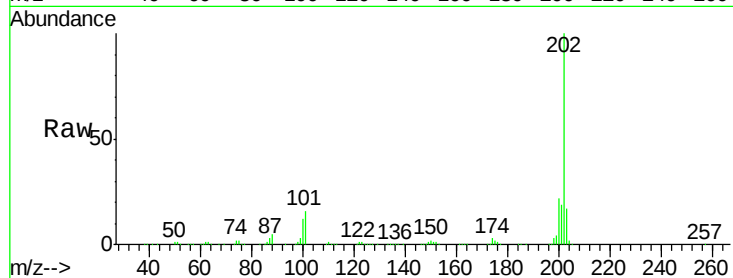
Tot Ion:202 Resp: 482336

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

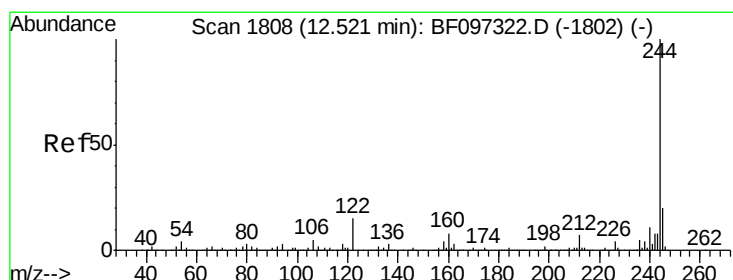
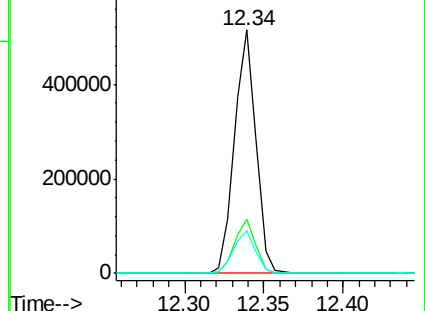
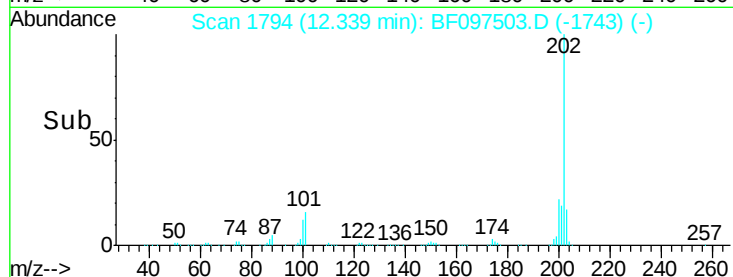
203 17.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.35 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

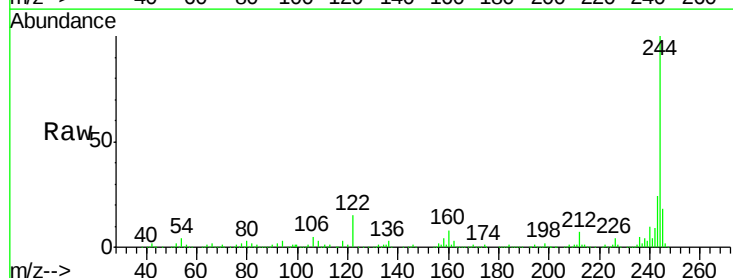
Tgt Ion:244 Resp: 534892

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

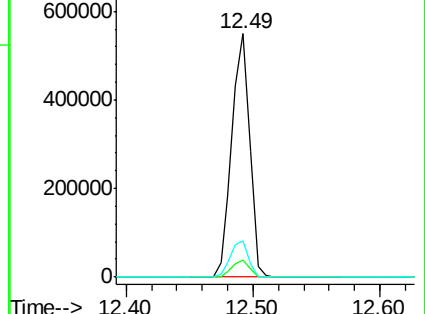
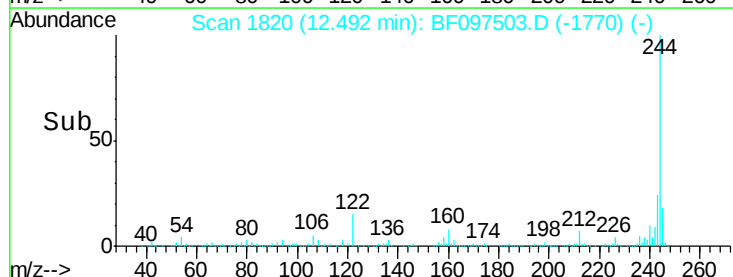
122 14.7 10.3 15.5

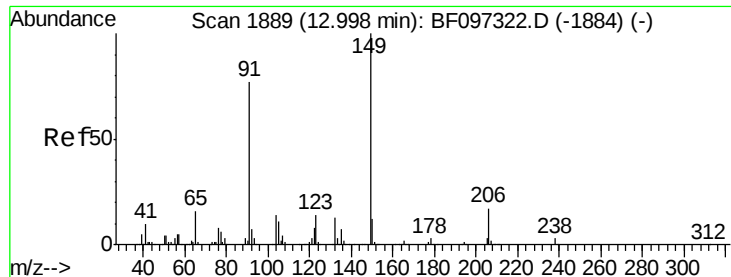


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

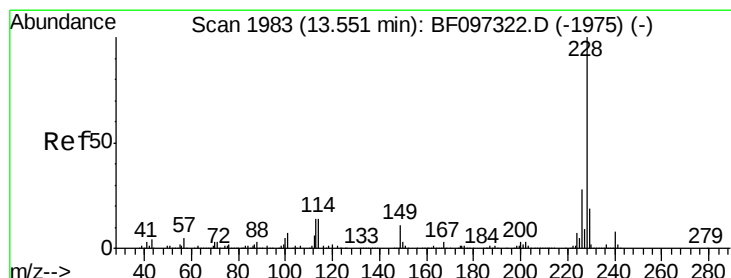
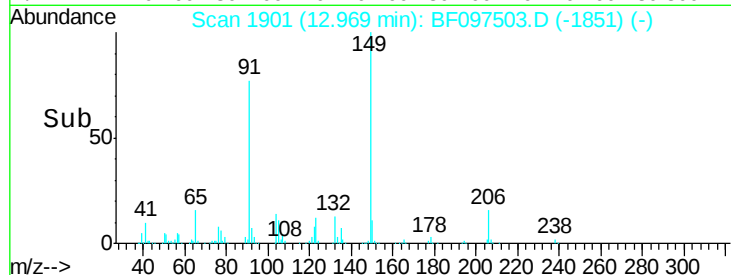
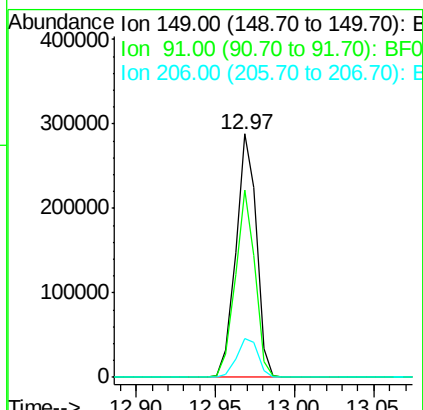
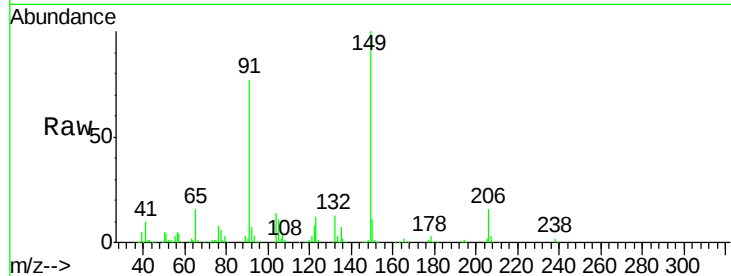




#79
Butylbenzylphthalate
Concen: 42.46 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

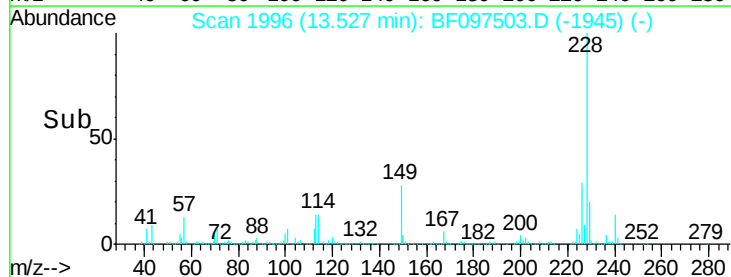
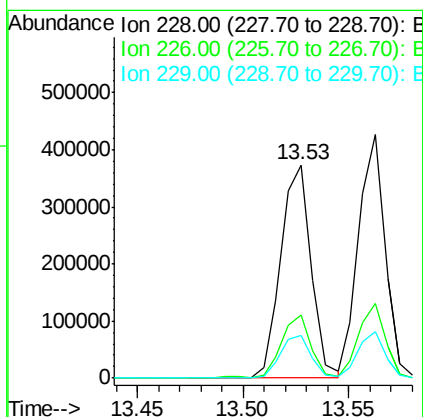
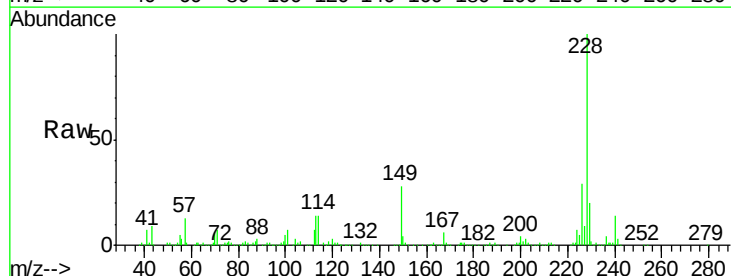
Instrument :
BNA_F
ClientSampleId :
PB101261BS

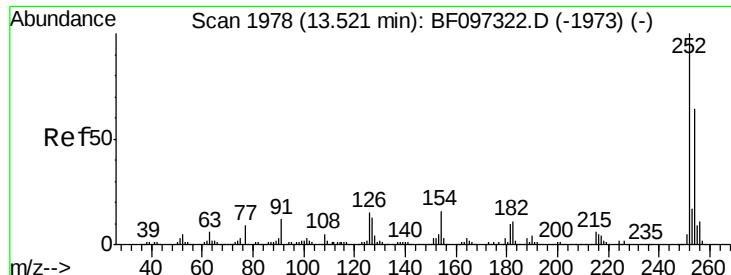
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.0	45.0	67.4#
206	16.1	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 39.63 ng
RT: 13.53 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.1	16.3	24.5

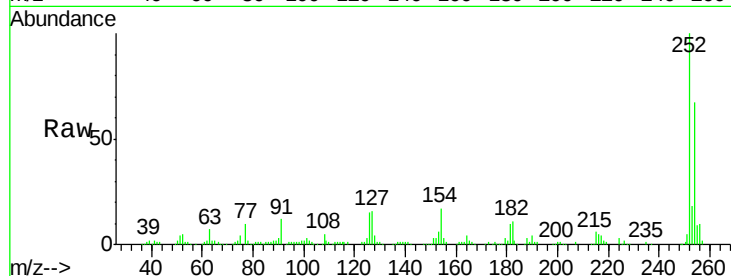




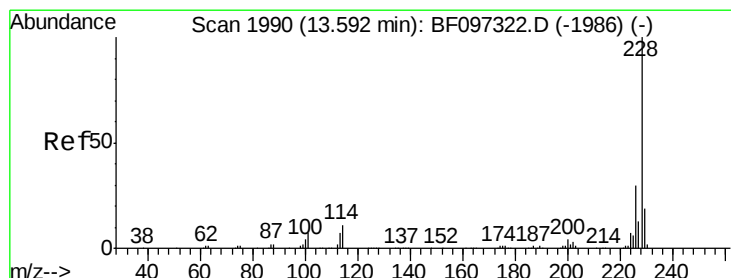
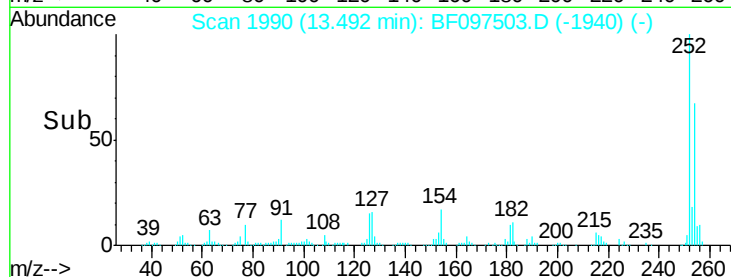
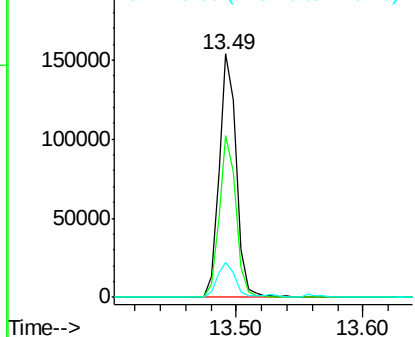
#81
 3,3'-Dichlorobenzidine
 Concen: 40.98 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.5	77.3
126	14.6	15.8	23.8#

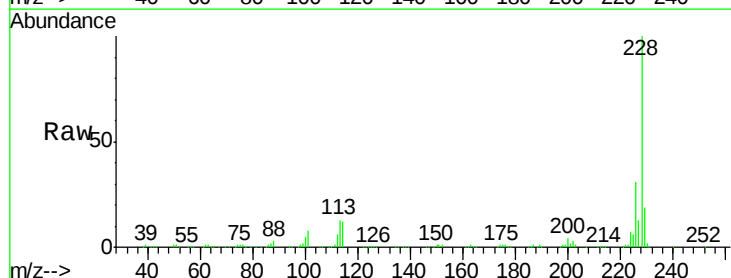


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

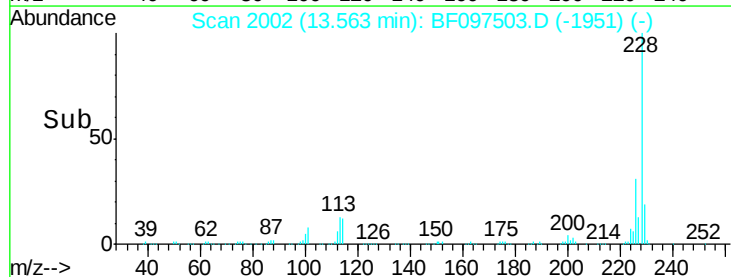
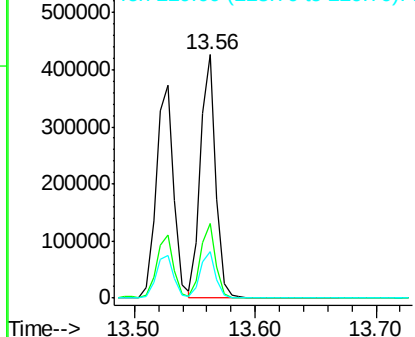


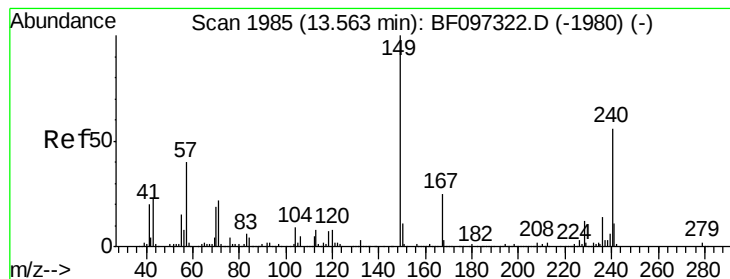
#82
 Chrysene
 Concen: 40.39 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF097503.D
 Acq: 9 Aug 2017 8:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	18.9	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: 39.98 ng

RT: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

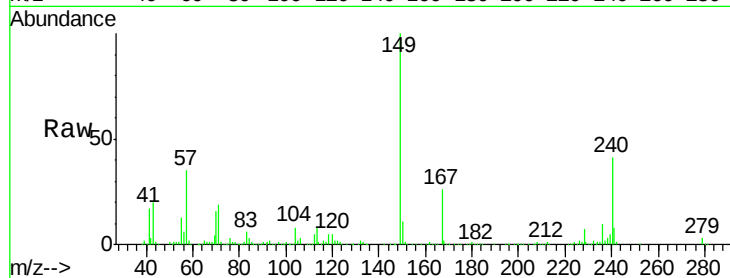
Tot Ion:149 Resp: 318834

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

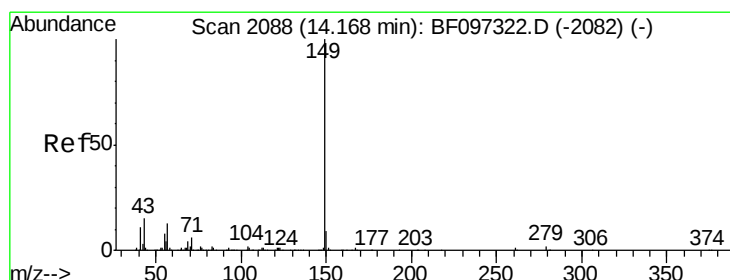
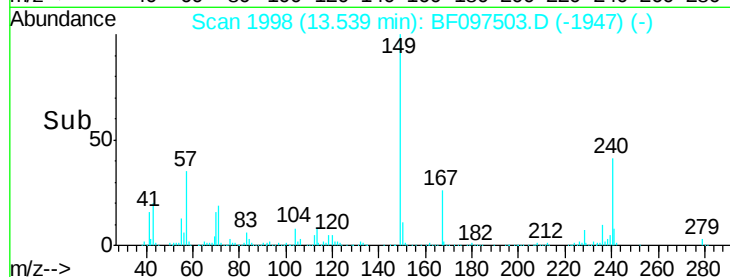
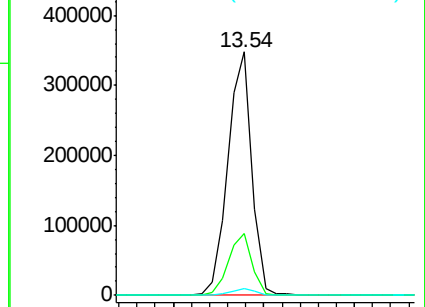
279 2.7 1.9 2.9



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: 39.10 ng

RT: 14.14 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

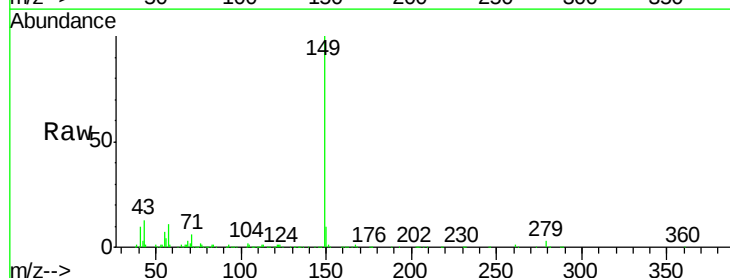
Tgt Ion:149 Resp: 572179

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

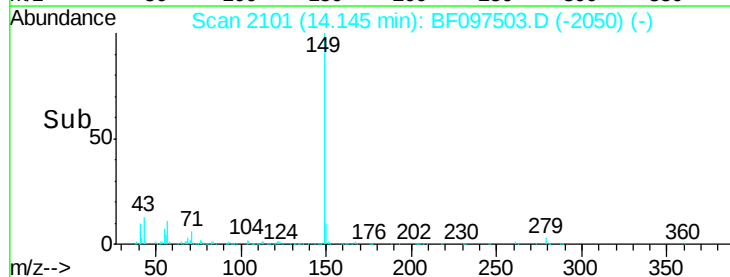
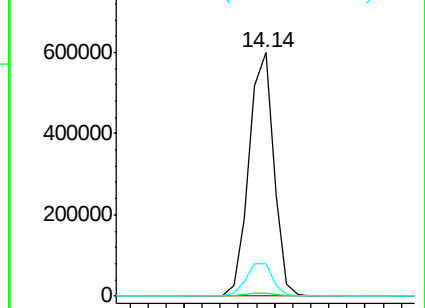
43 14.3 8.5 12.7#

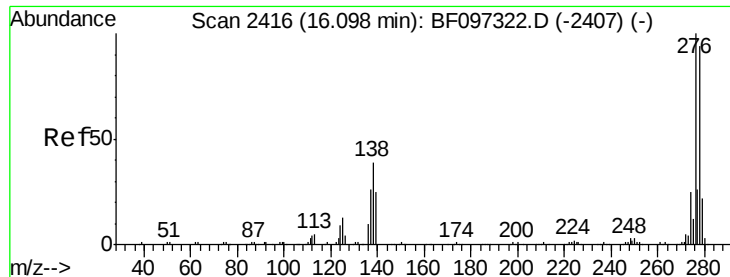


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

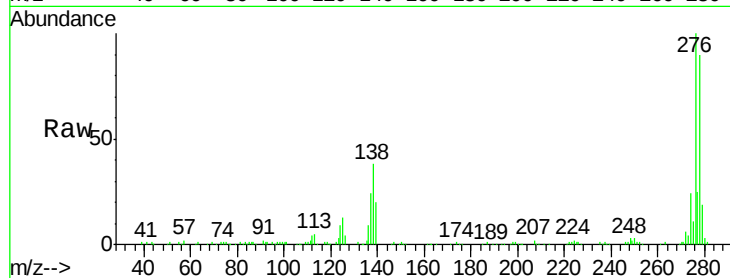




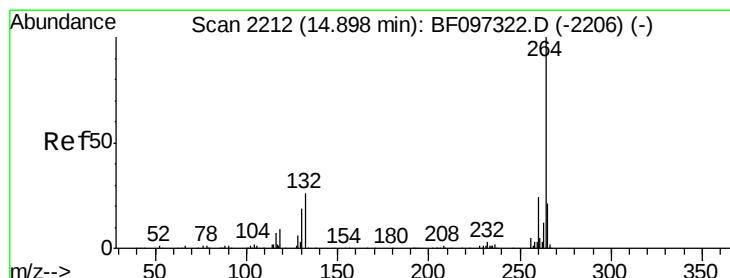
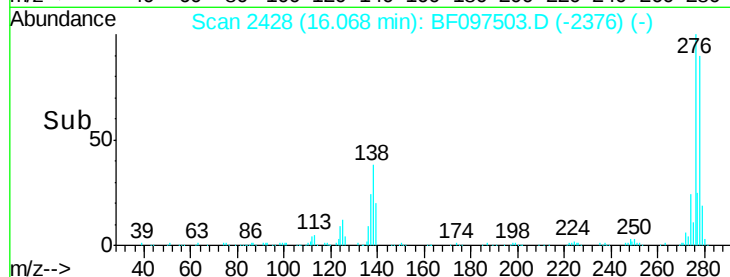
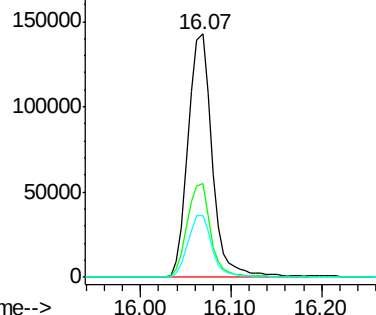
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.40 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Instrument :
BNA_F
ClientSampleId :
PB101261BS

Tot Ion:276 Resp: 265452
Ion Ratio Lower Upper
276 100
138 37.7 27.8 41.6
277 25.6 20.2 30.4

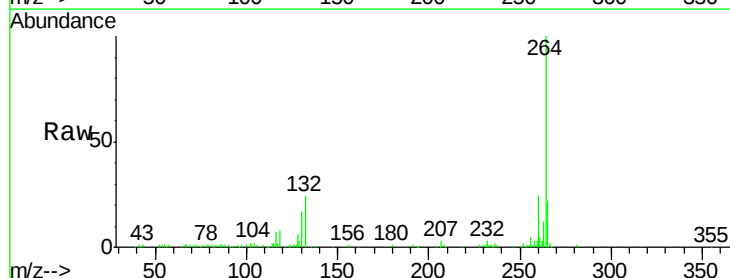


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

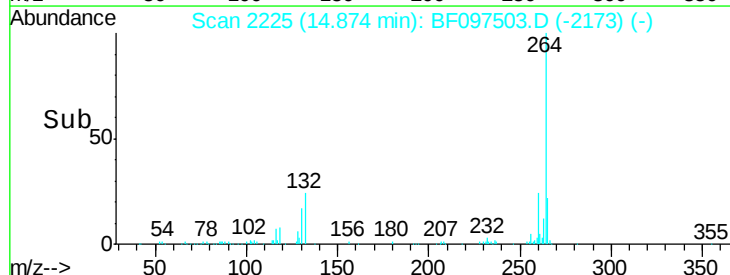
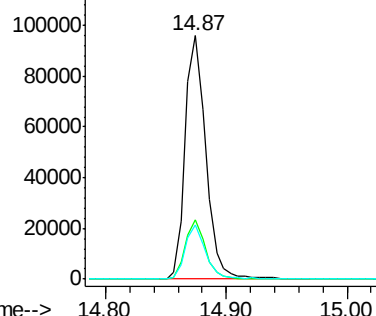


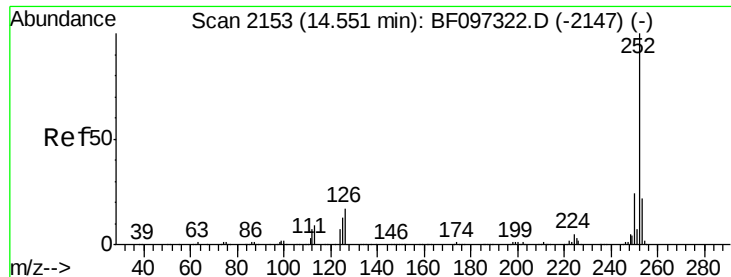
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097503.D
Acq: 9 Aug 2017 8:03

Tgt Ion:264 Resp: 112703
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.4 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: 48.23 ng

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

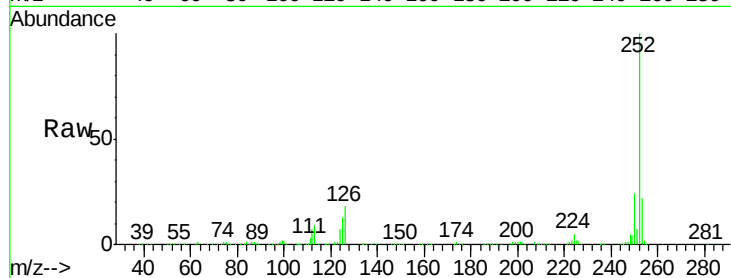
Tot Ion:252 Resp: 326738

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

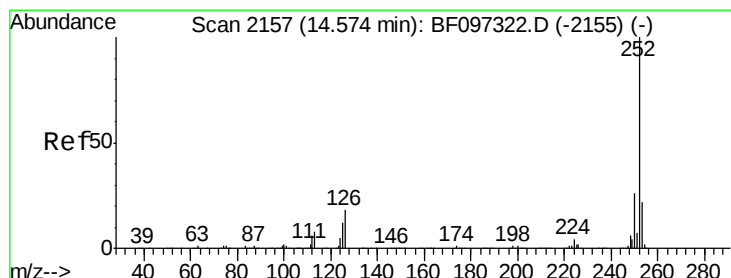
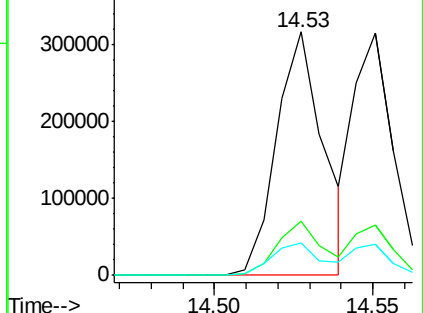
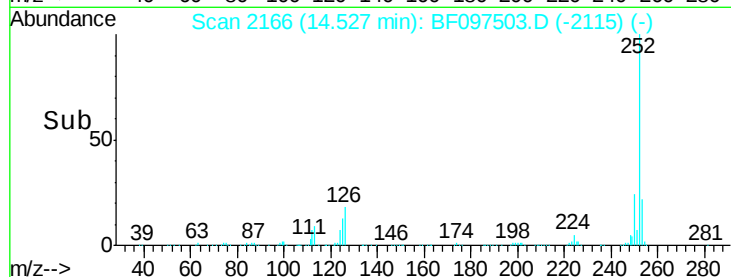
125 13.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.61 ng

RT: 14.53 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

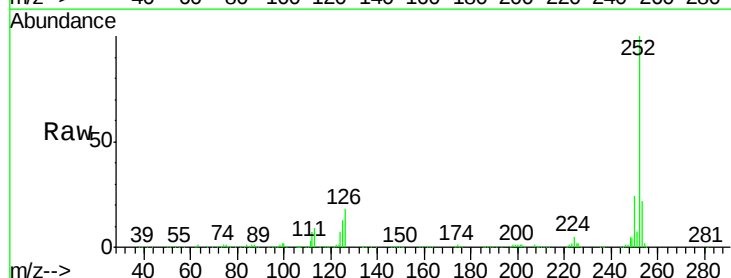
Tgt Ion:252 Resp: 326738

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

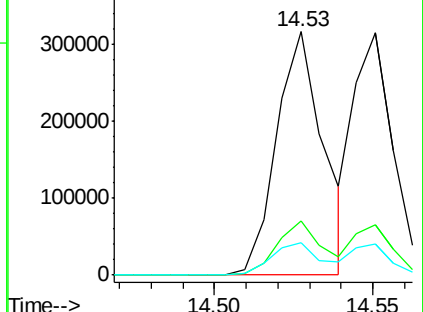
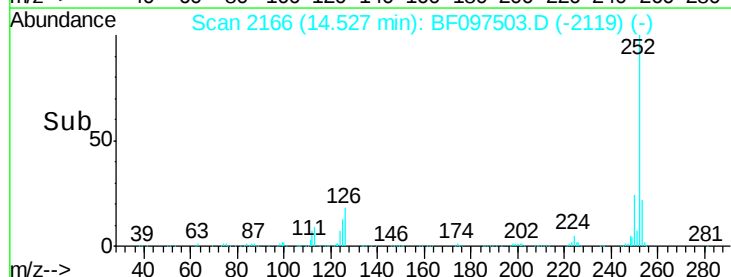
125 13.1 13.1 19.7

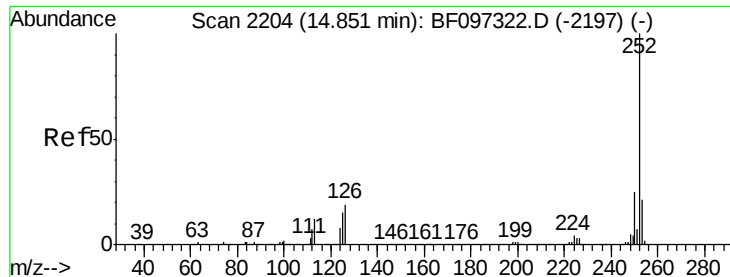


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.60 ng

RT: 14.83 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

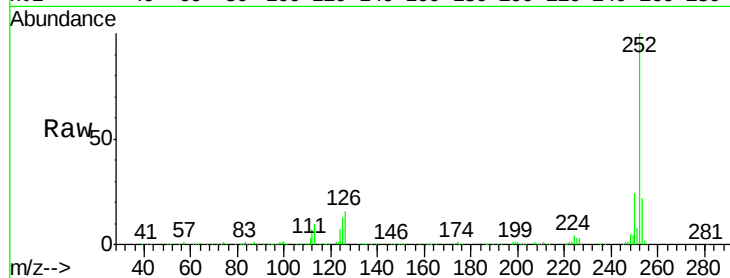
Tot Ion:252 Resp: 270315

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

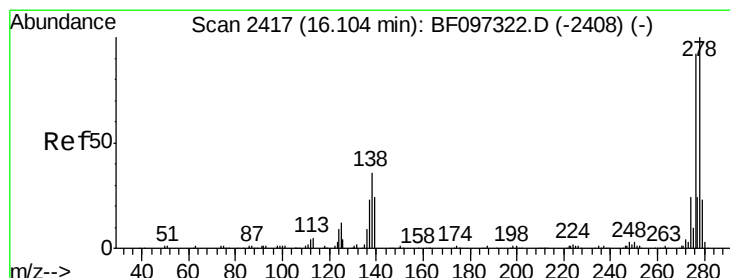
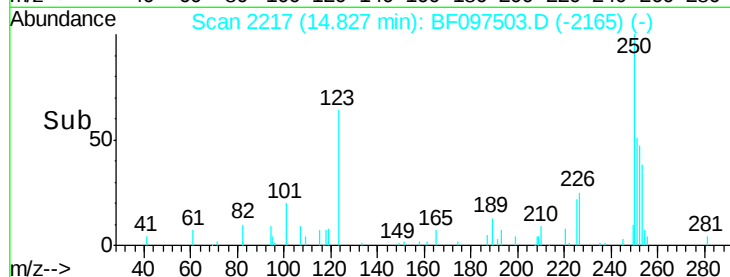
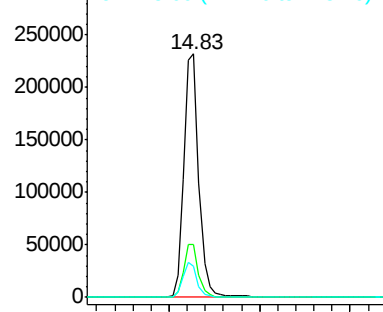
125 12.9 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.29 ng

RT: 16.07 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

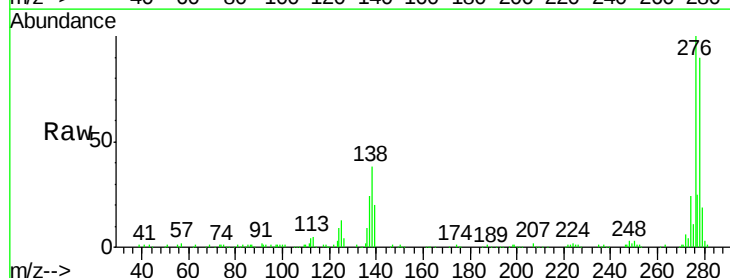
Tgt Ion:278 Resp: 225222

Ion Ratio Lower Upper

278 100

139 22.3 16.6 24.8

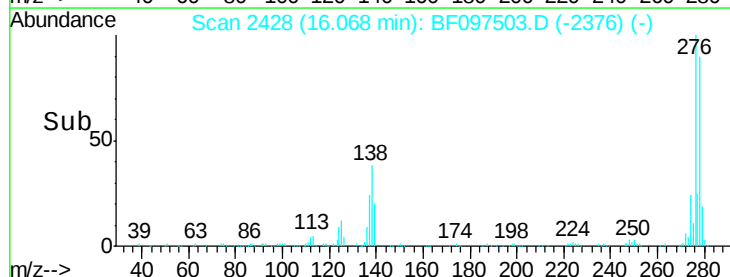
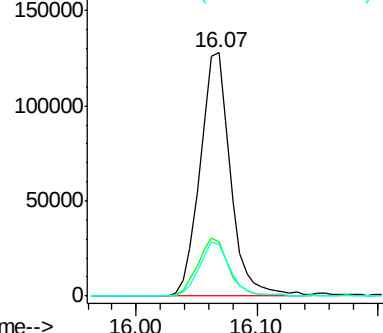
279 21.2 19.3 28.9

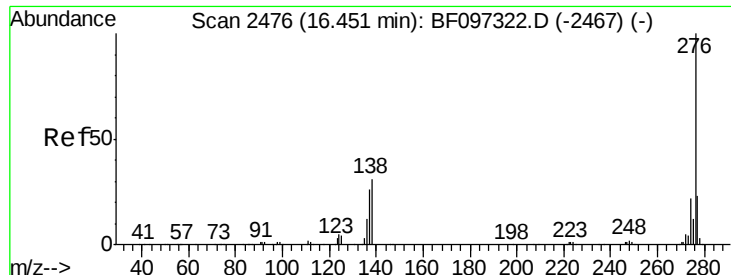


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.08 ng

RT: 16.42 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF097503.D

Acq: 9 Aug 2017 8:03

Instrument :

BNA_F

ClientSampleId :

PB101261BS

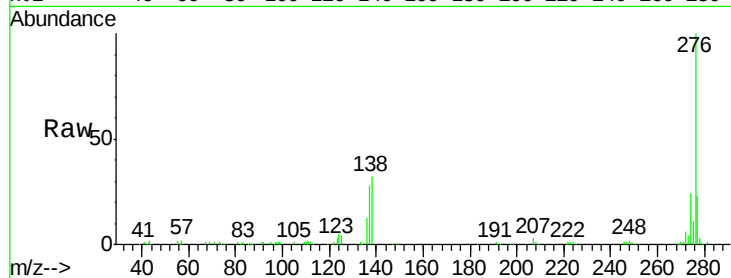
Tot Ion:276 Resp: 224391

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 32.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

