

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097125.D
 Acq On : 27 Jul 2017 16:28
 Operator : SJ/JU
 Sample : PB101001BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Quant Time: Jul 27 17:22:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 16:02:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	88503	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	378403	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	190009	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	287443	20.00	ng	0.00
75) Chrysene-d12	13.62	240	165287	20.00	ng	0.00
86) Perylene-d12	14.96	264	154184	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	646492	110.12	ng	0.02
7) Phenol-d6	6.16	99	772819	115.31	ng	0.00
23) Nitrobenzene-d5	7.06	82	474267	73.53	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	136787	91.12	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	846936	75.65	ng	0.00
78) Terphenyl-d14	12.57	244	552918	68.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	76490	31.221	ng	# 73
3) Pyridine	2.72	79	215937	28.784	ng	# 59
4) n-Nitrosodimethylamine	2.65	42	136920	32.944	ng	# 77
6) Aniline	6.15	93	211112	25.031	ng	# 79
8) 2-Chlorophenol	6.28	128	232884	37.097	ng	99
9) Benzaldehyde	6.03	77	168258	42.413	ng	95
10) Phenol	6.17	94	272585	34.288	ng	95
11) bis(2-Chloroethyl)ether	6.23	93	209429	33.308	ng	91
12) 1,3-Dichlorobenzene	6.43	146	240929	35.613	ng	98
13) 1,4-Dichlorobenzene	6.50	146	270587	40.359	ng	95
14) 1,2-Dichlorobenzene	6.66	146	234575	40.071	ng	98
15) Benzyl Alcohol	6.65	79	183484	43.240	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.77	45	435036	34.496	ng	# 50
17) 2-Methylphenol	6.77	107	171781	35.455	ng	# 90
18) Hexachloroethane	7.00	117	78826	32.137	ng	# 85
19) n-Nitroso-di-n-propylamine	6.92	70	157145	35.620	ng	# 80
20) 3+4-Methylphenols	6.93	107	242885	38.383	ng	# 61
22) Acetophenone	6.90	105	310071	34.122	ng	97
24) Nitrobenzene	7.07	77	220970	32.893	ng	92
25) Isophorone	7.32	82	420886	33.318	ng	96
26) 2-Nitrophenol	7.39	139	101074	27.810	ng	# 87
27) 2,4-Dimethylphenol	7.45	122	214934	35.849	ng	97
28) bis(2-Chloroethoxy)methane	7.54	93	280279	34.000	ng	98
29) 2,4-Dichlorophenol	7.65	162	182351	35.305	ng	97
30) 1,2,4-Trichlorobenzene	7.72	180	177638	36.083	ng	98
31) Naphthalene	7.79	128	644701	36.143	ng	100
32) Benzoic acid	7.59	122	112963	25.232	ng	92
33) 4-Chloroaniline	7.85	127	154971	21.352	ng	96
34) Hexachlorobutadiene	7.92	225	99111	37.974	ng	98
35) Caprolactam	8.22	113	56630	34.193	ng	# 52
36) 4-Chloro-3-methylphenol	8.36	107	199334	35.375	ng	88
37) 2-Methylnaphthalene	8.49	142	453992	40.198	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	162906	32.132	ng	98
40) Hexachlorocyclopentadiene	8.64	237	41098	27.863	ng	100

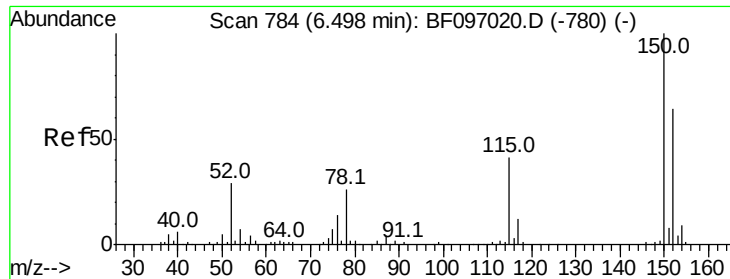
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	109487	29.800	nq	97
43) 2,4,5-Trichlorophenol	8.82	196	114526	31.143	nq	95
45) 1,1'-Biphenyl	8.95	154	496673	30.603	nq	98
46) 2-Chloronaphthalene	8.97	162	380152	31.831	nq	93
47) 2-Nitroaniline	9.07	65	150483	34.719	nq	94
48) Acenaphthylene	9.38	152	656544	35.815	nq	99
49) Dimethylphthalate	9.26	163	459373	31.837	nq	99
50) 2,6-Dinitrotoluene	9.32	165	106537	34.813	nq	# 76
51) Acenaphthene	9.55	154	382438	35.418	nq	98
52) 3-Nitroaniline	9.48	138	125566	33.056	nq	99
53) 2,4-Dinitrophenol	9.60	184	37968	27.287	nq	# 74
54) Dibenzofuran	9.72	168	550388	38.268	nq	97
55) 4-Nitrophenol	9.67	139	125562	55.584	nq	# 62
56) 2,4-Dinitrotoluene	9.72	165	120968	34.385	nq	# 46
57) Fluorene	10.06	166	379561	35.112	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	86242	33.965	nq	99
59) Diethylphthalate	9.95	149	454318	34.320	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	160379	35.928	nq	97
61) 4-Nitroaniline	10.09	138	118141	32.732	nq	89
62) Azobenzene	10.22	77	402320	32.761	nq	93
64) 4,6-Dinitro-2-methylphenol	10.13	198	28915	16.188	nq	87
65) n-Nitrosodiphenylamine	10.18	169	342021	34.198	nq	97
66) 4-Bromophenyl-phenylether	10.55	248	104922	36.576	nq	99
67) Hexachlorobenzene	10.62	284	101015	31.402	nq	94
68) Atrazine	10.72	200	99908	34.837	nq	94
69) Pentachlorophenol	10.82	266	70498	52.967	nq	99
70) Phenanthrene	11.02	178	555146	36.045	nq	98
71) Anthracene	11.07	178	521246	33.044	nq	98
72) Carbazole	11.23	167	495579	31.945	nq	98
73) Di-n-butylphthalate	11.57	149	662084	34.526	nq	99
74) Fluoranthene	12.20	202	479333	31.769	nq	98
76) Benzidine	12.32	184	199689	32.560	nq	# 92
77) Pyrene	12.42	202	483233	35.712	nq	99
79) Butylbenzylphthalate	13.05	149	234695	34.097	nq	# 79
80) Benzo(a)anthracene	13.60	228	366645	34.283	nq	100
81) 3,3'-Dichlorobenzidine	13.57	252	136459	33.835	nq	# 96
82) Chrysene	13.64	228	347497	33.275	nq	100
83) Bis(2-ethylhexyl)phthalate	13.62	149	326379	36.317	nq	100
84) Di-n-octyl phthalate	14.23	149	514817	31.216	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.19	276	293355	32.760	nq	98
87) Benzo(b)fluoranthene	14.60	252	335520	36.201	nq	96
88) Benzo(k)fluoranthene	14.63	252	313758	35.525	nq	97
89) Benzo(a)pyrene	14.91	252	310128	36.561	nq	98
90) Dibenzo(a,h)anthracene	16.19	278	247782	35.621	nq	98
91) Benzo(g,h,i)perylene	16.55	276	244652	33.538	nq	100

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

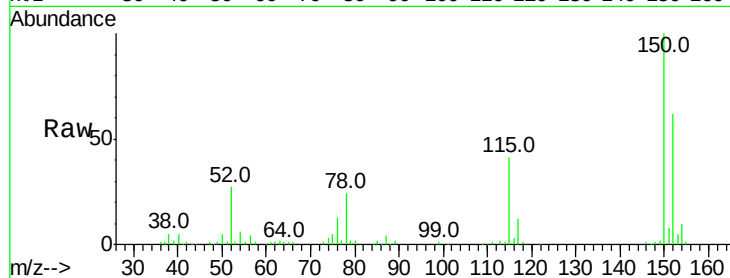


#1

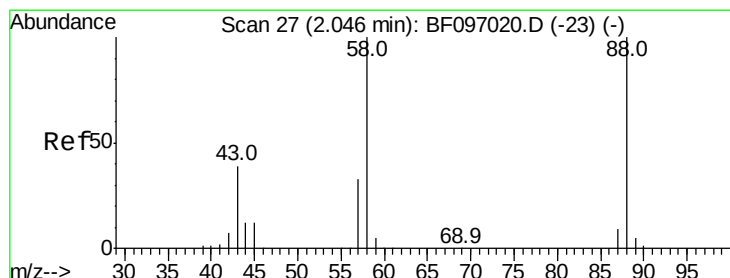
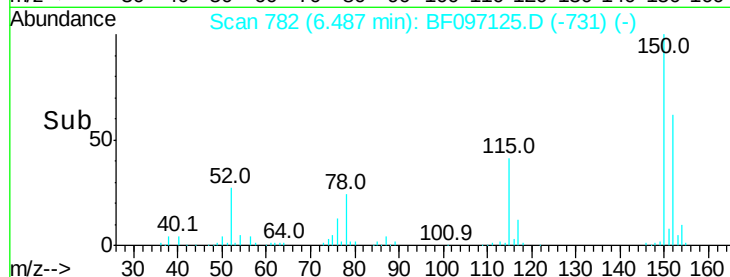
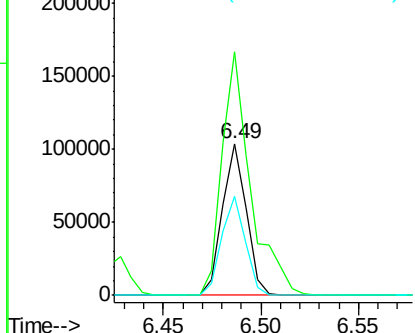
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion:152 Resp: 88503
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 65.1 52.2 78.2



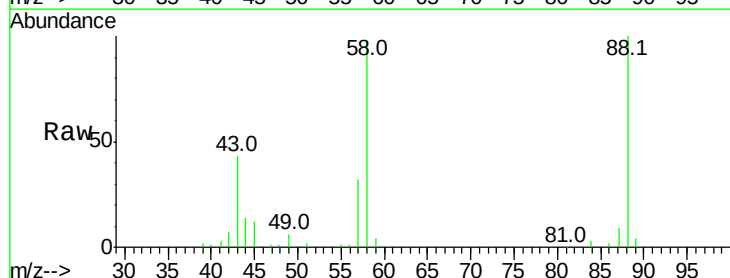
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



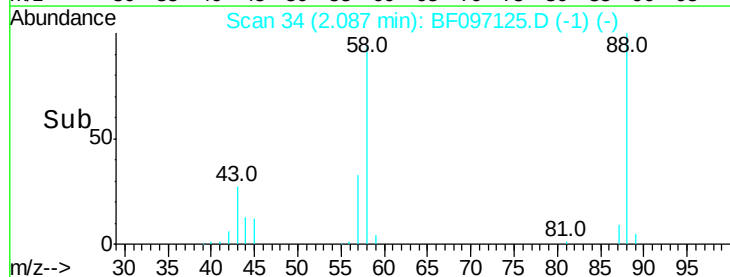
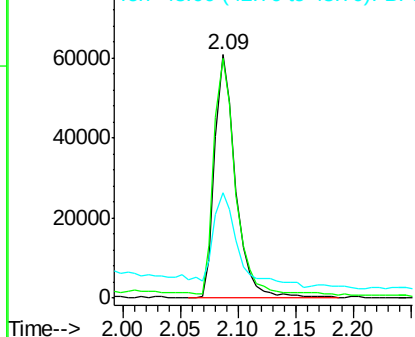
#2

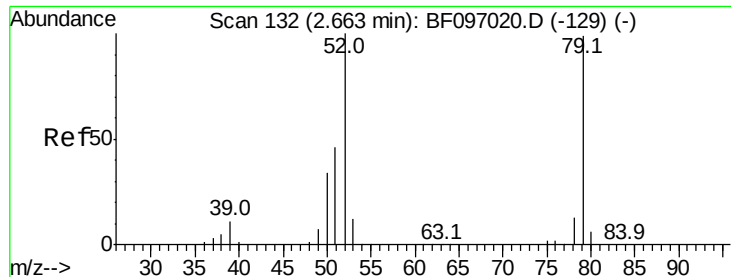
1,4-Dioxane
Concen: 31.221 ng
RT: 2.09 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion: 88 Resp: 76490
Ion Ratio Lower Upper
88 100
58 97.9 61.4 92.0#
43 46.4 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: 28.784 ng

RT: 2.72 min Scan# 141

Delta R.T. 0.09 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

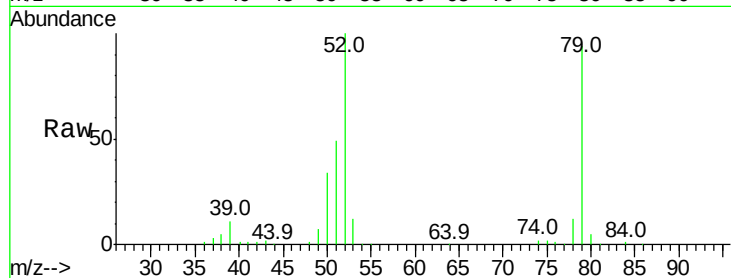
Tot Ion: 79 Resp: 215937

Ion Ratio Lower Upper

79 100

52 106.2 54.8 82.2#

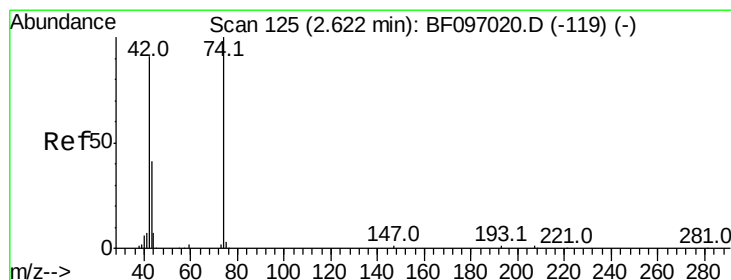
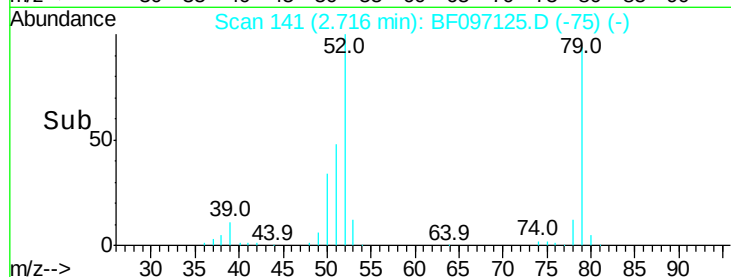
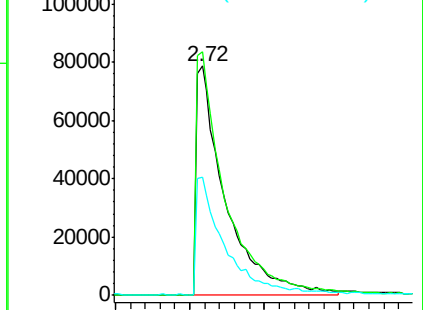
51 51.5 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.944 ng

RT: 2.65 min Scan# 130

Delta R.T. 0.06 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

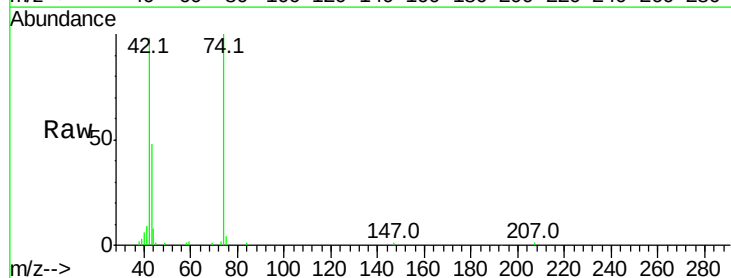
Tgt Ion: 42 Resp: 136920

Ion Ratio Lower Upper

42 100

74 101.6 103.9 155.9#

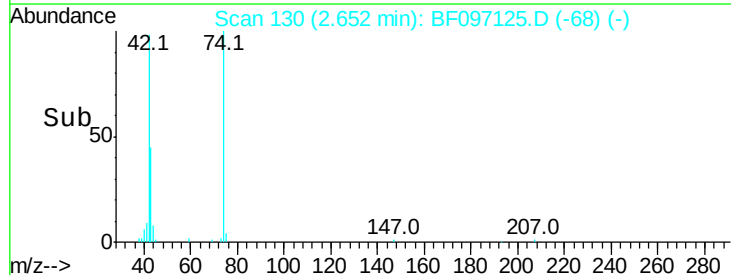
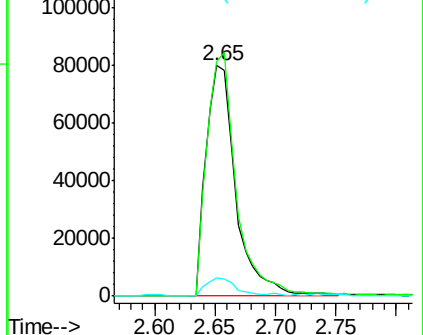
44 8.1 5.7 8.5

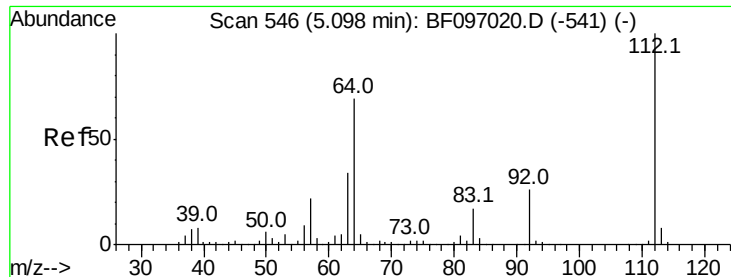


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.118 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.02 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

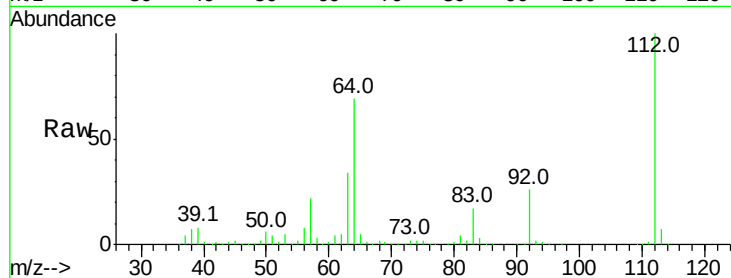
Tot Ion:112 Resp: 646492

Ion Ratio Lower Upper

112 100

64 69.1 46.0 69.0#

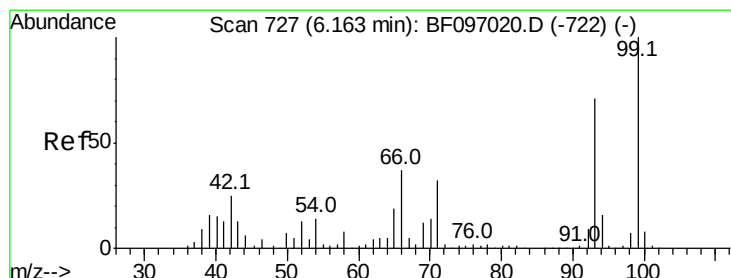
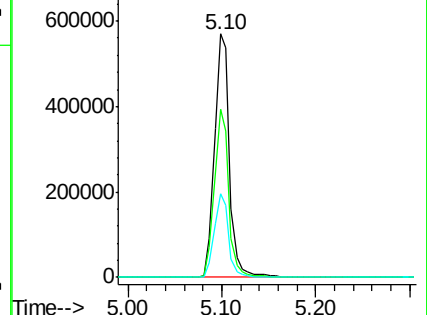
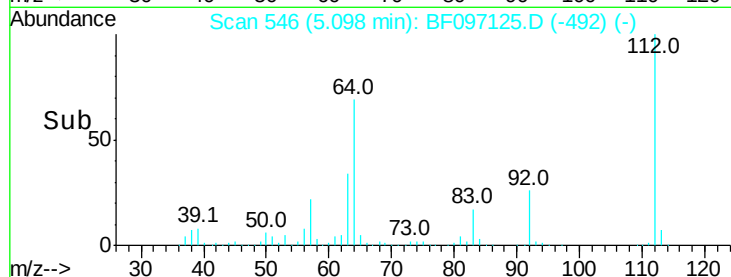
63 34.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.031 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

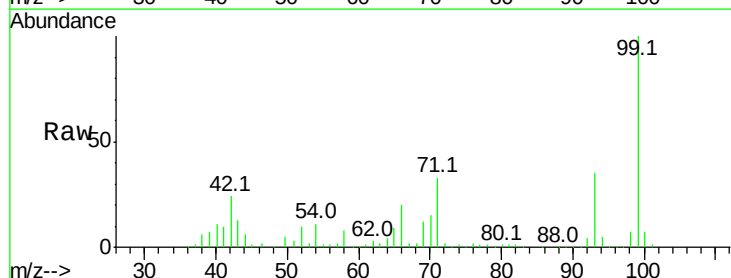
Tgt Ion: 93 Resp: 211112

Ion Ratio Lower Upper

93 100

66 56.7 32.9 49.3#

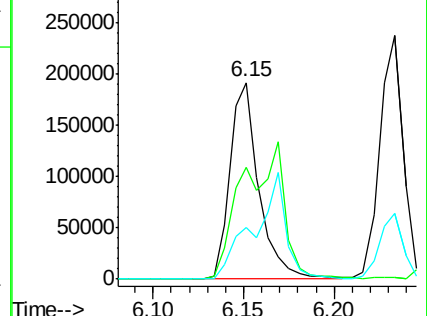
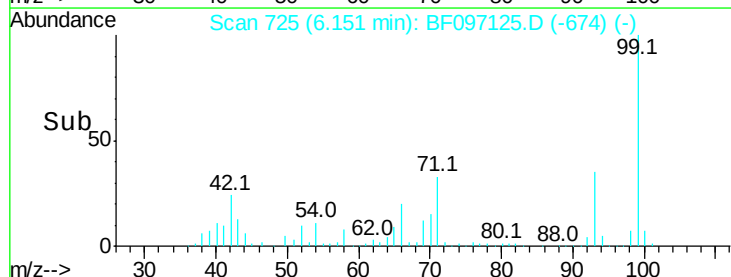
65 26.4 16.0 24.0#

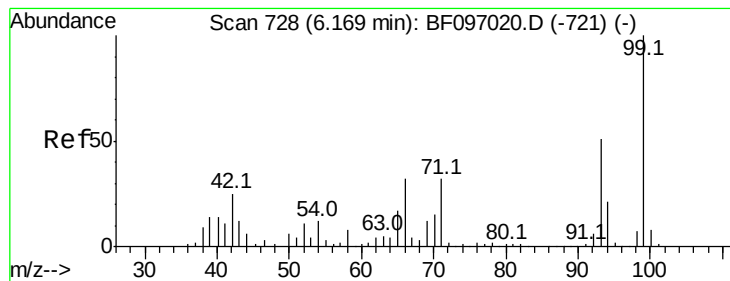


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.306 ng

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

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ClientSampleId :

PB101001BS

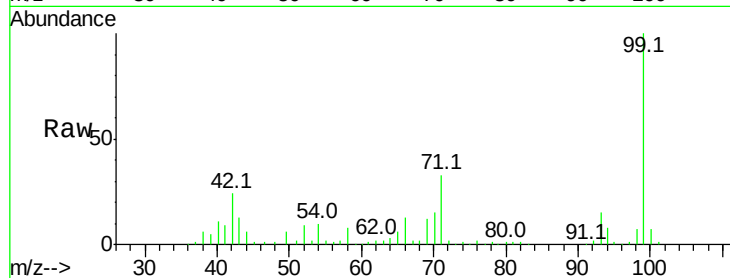
Tot Ion: 99 Resp: 772819

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

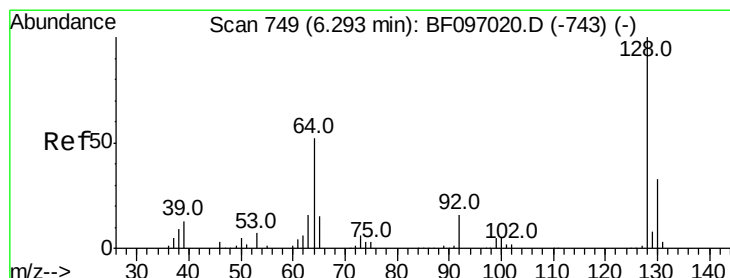
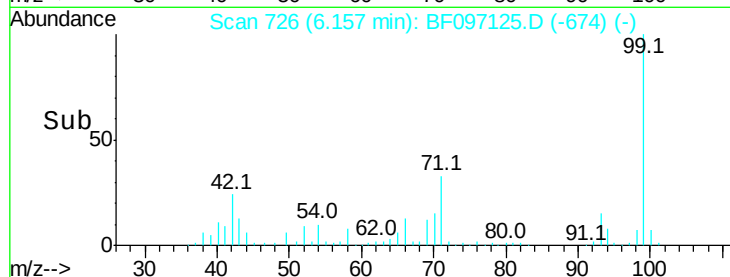
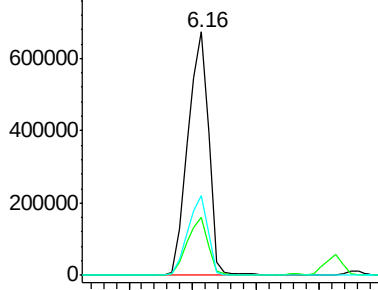
71 32.7 24.5 36.7



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: 37.097 ng

RT: 6.28 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

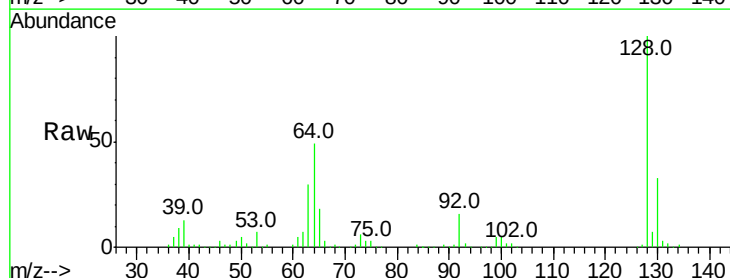
Tgt Ion:128 Resp: 232884

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

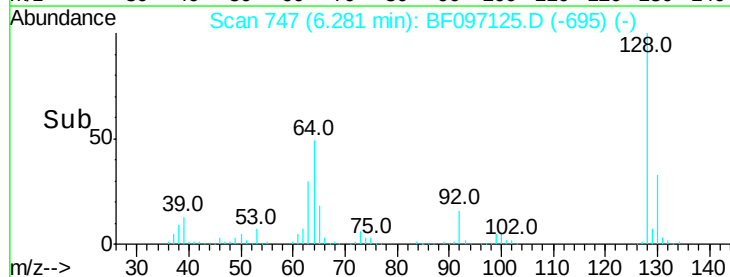
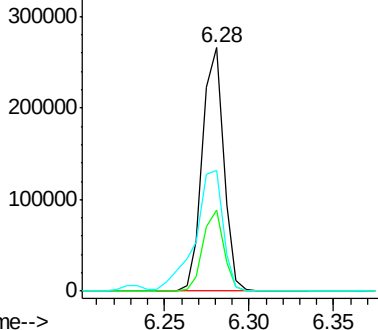
64 49.4 28.4 68.4

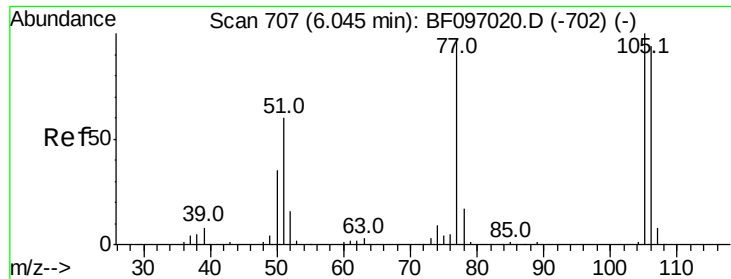


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.413 ng

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

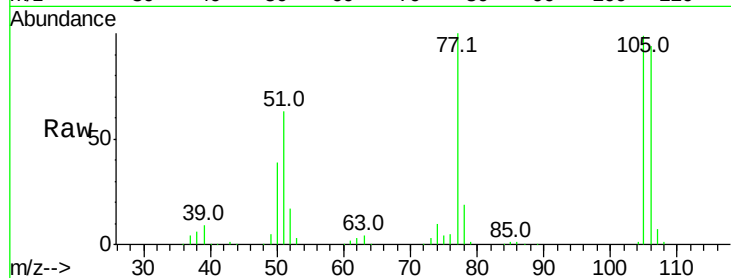
Tot Ion: 77 Resp: 168258

Ion Ratio Lower Upper

77 100

105 99.2 83.8 123.8

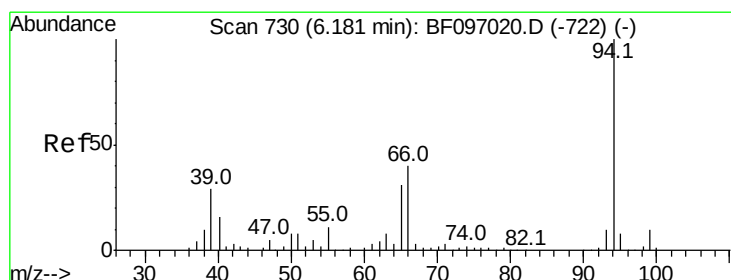
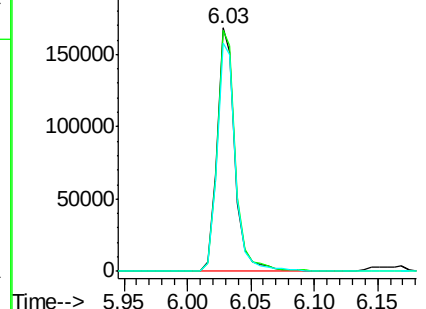
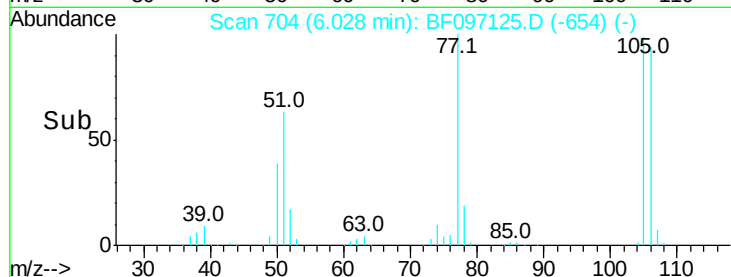
106 93.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.288 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

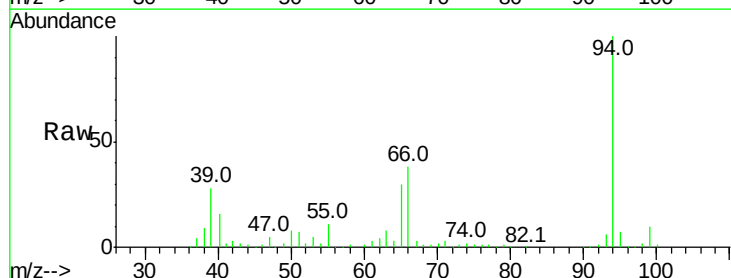
Tgt Ion: 94 Resp: 272585

Ion Ratio Lower Upper

94 100

65 29.6 9.9 49.9

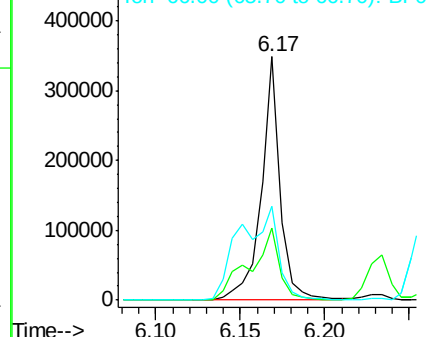
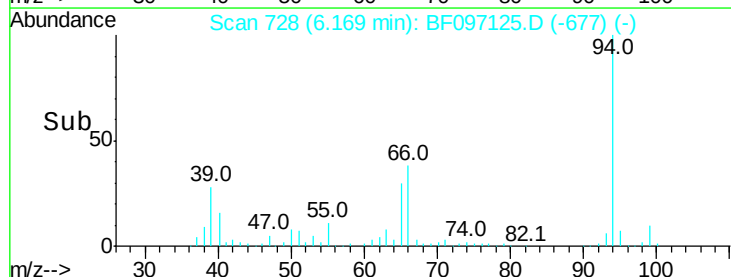
66 38.5 23.1 63.1

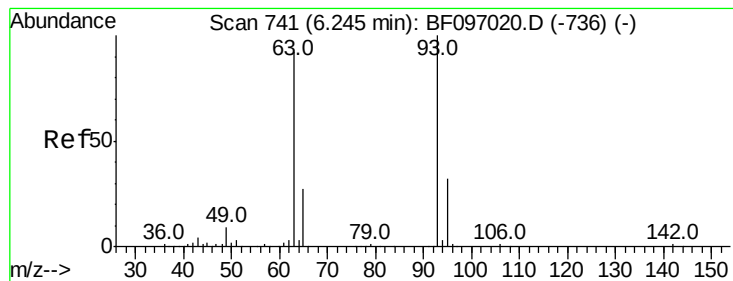


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.308 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

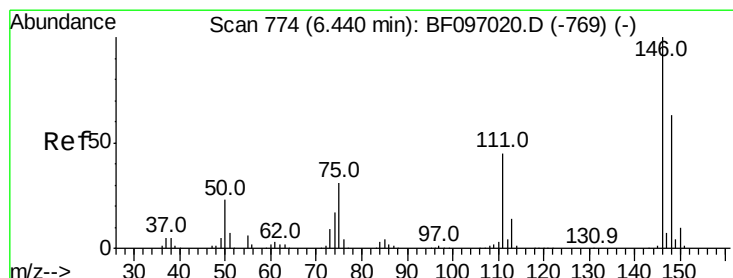
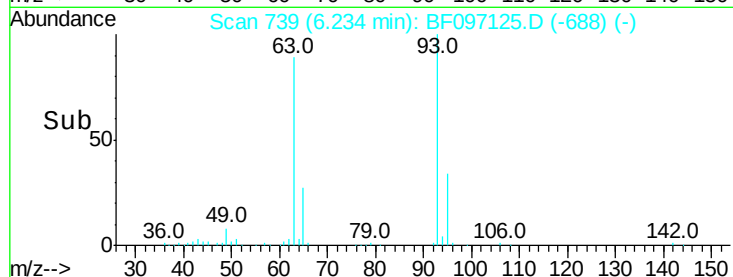
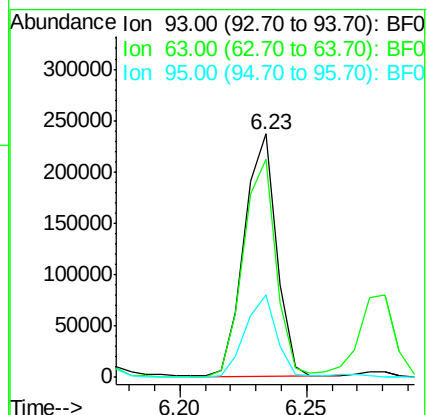
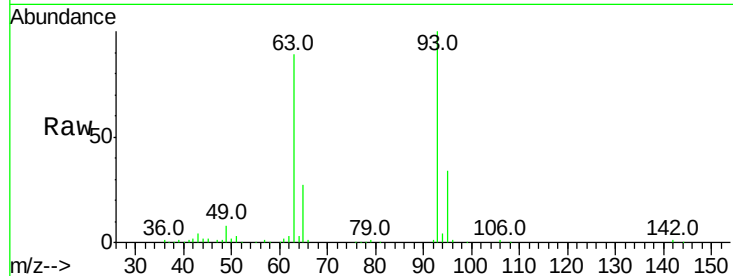
Tot Ion: 93 Resp: 209429

Ion Ratio Lower Upper

93 100

63 89.5 59.2 99.2

95 33.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 35.613 ng

RT: 6.43 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

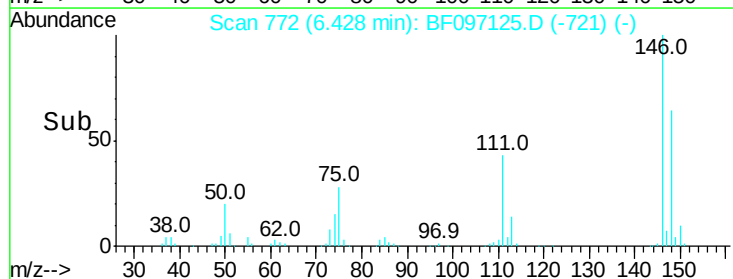
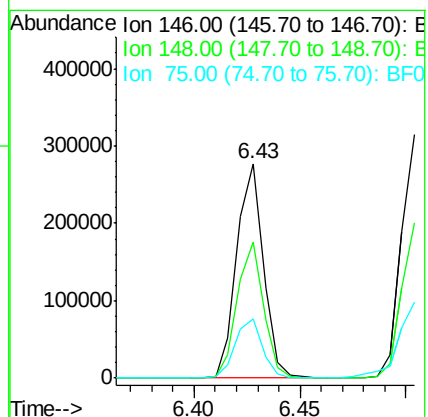
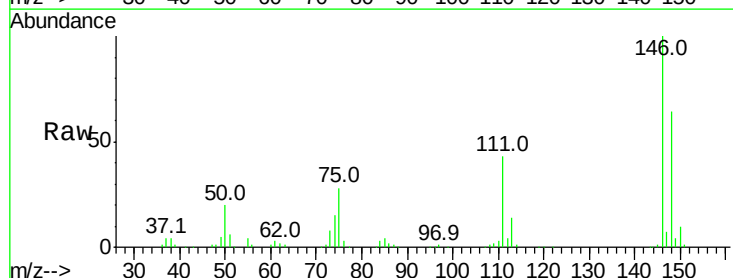
Tgt Ion: 146 Resp: 240929

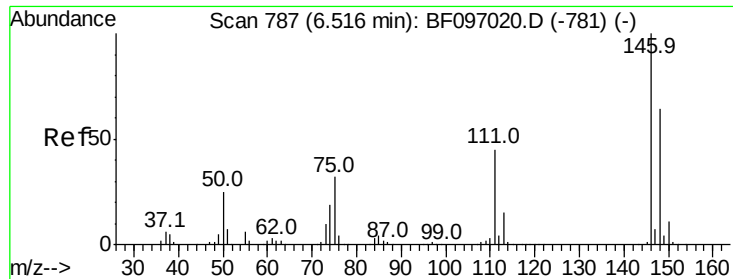
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 27.7 23.1 34.7

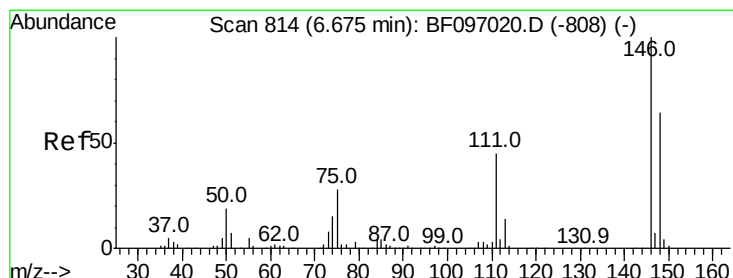
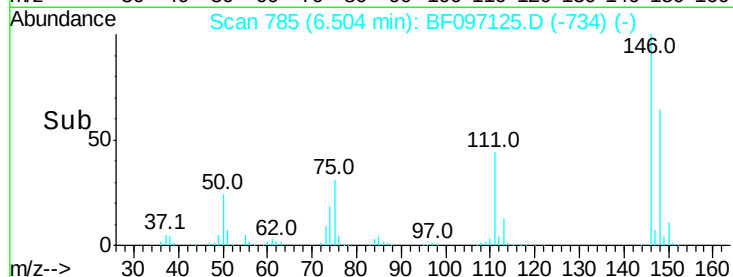
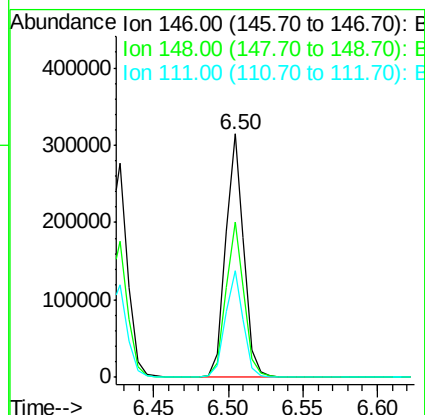
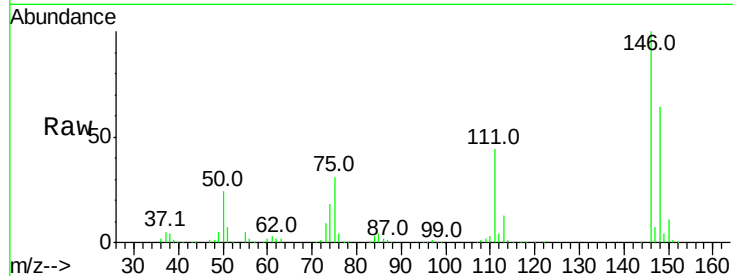




#13
 1,4-Dichlorobenzene
 Concen: 40.359 ng
 RT: 6.50 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

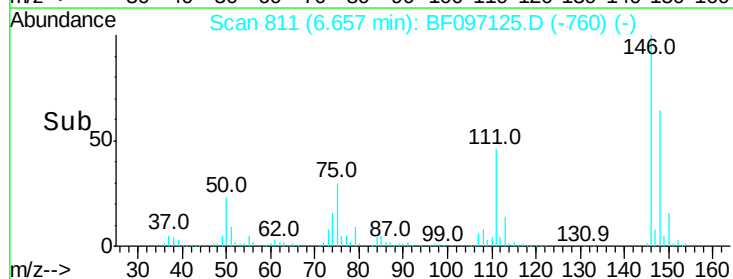
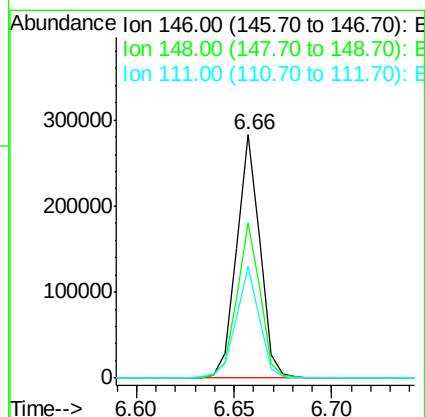
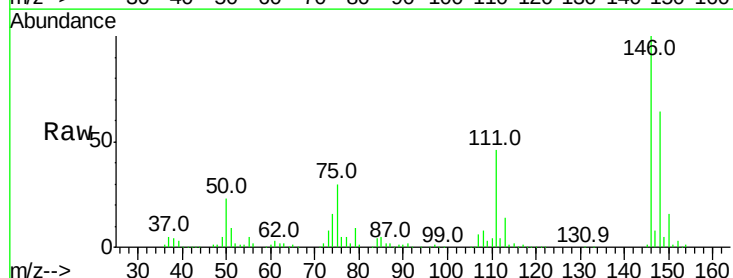
Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

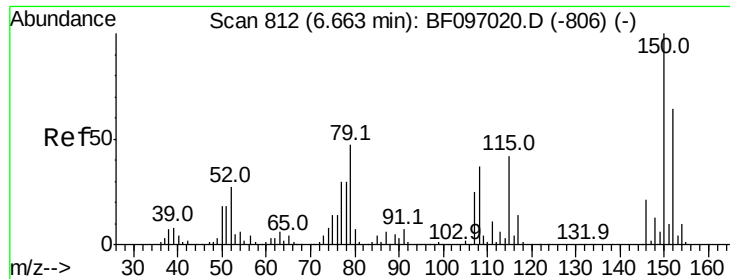
Tot Ion:146 Resp: 270587
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 44.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.071 ng
 RT: 6.66 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:146 Resp: 234575
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 46.1 38.2 57.4

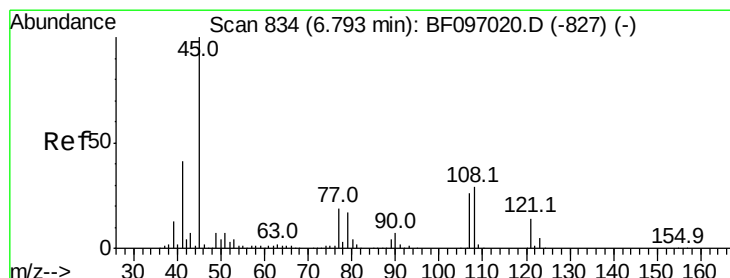
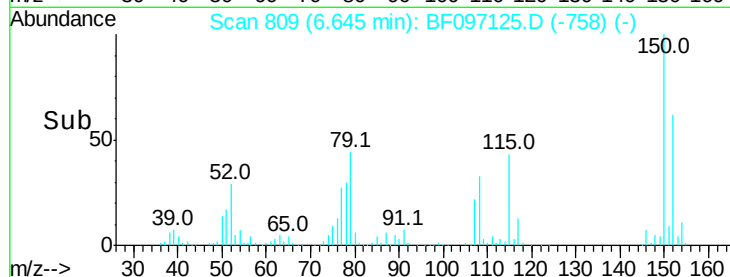
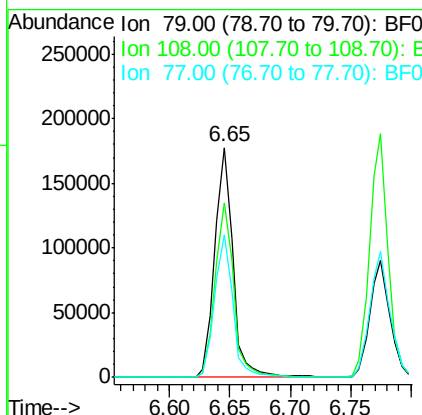
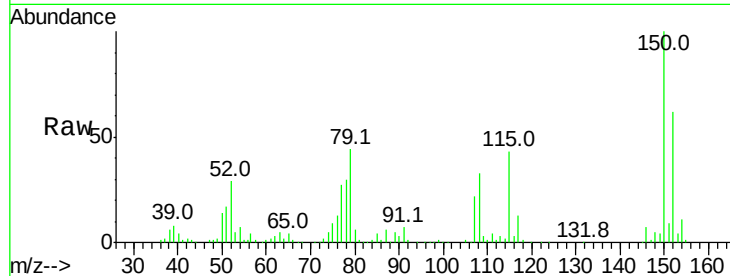




#15
Benzyl Alcohol
Concen: 43.240 ng
RT: 6.65 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

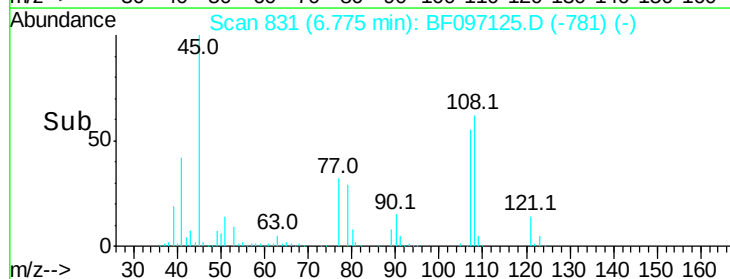
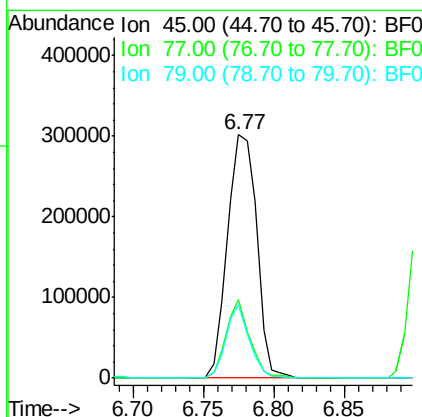
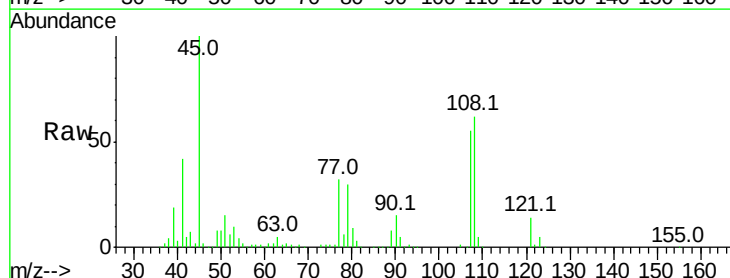
Instrument :
BNA_F
ClientSampleId :
PB101001BS

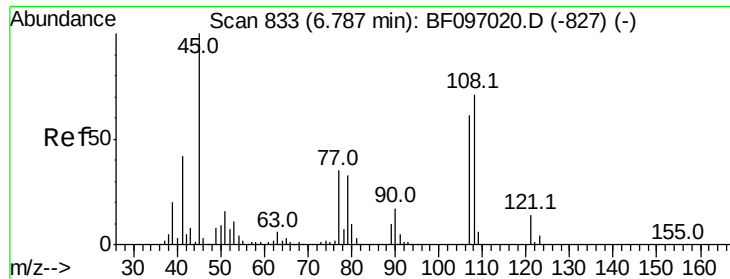
Tot Ion: 79 Resp: 183484
Ion Ratio Lower Upper
79 100
108 76.1 63.4 95.0
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.496 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion: 45 Resp: 435036
Ion Ratio Lower Upper
45 100
77 32.3 0.0 33.2
79 30.0 0.0 30.0#

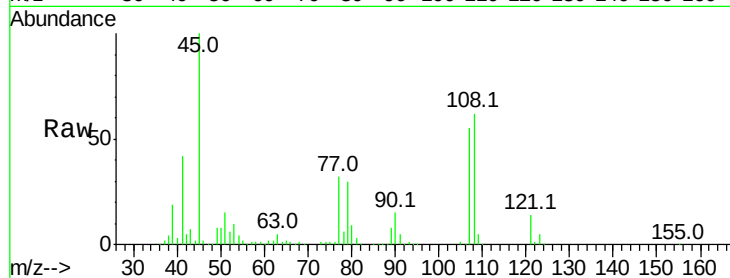




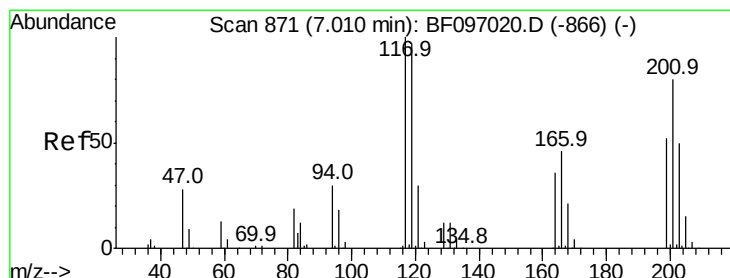
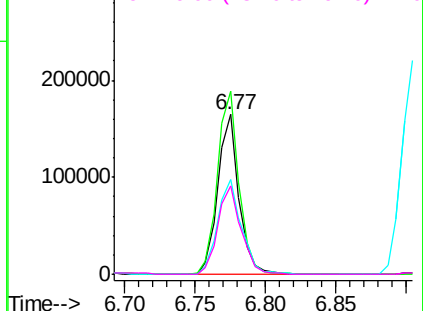
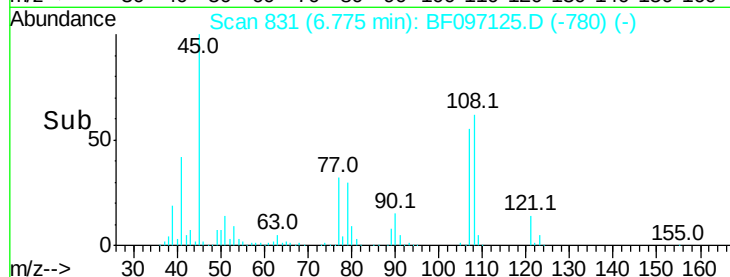
#17
2-Methylphenol
Concen: 35.455 ng
RT: 6.77 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion:107 Resp: 171781
Ion Ratio Lower Upper
107 100
108 114.3 93.4 140.0
77 59.2 35.8 53.6#
79 55.1 34.8 52.2#

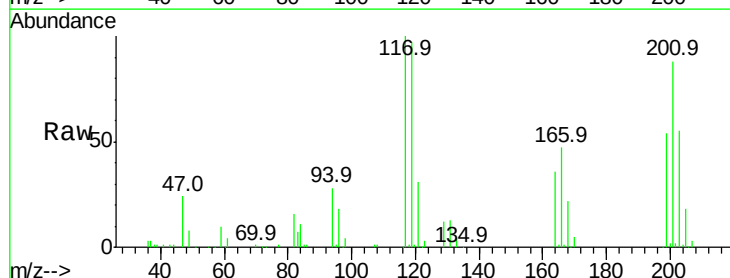


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

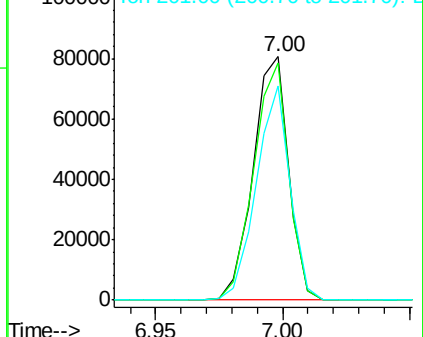
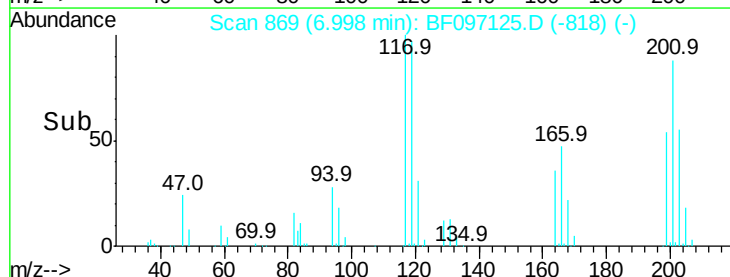


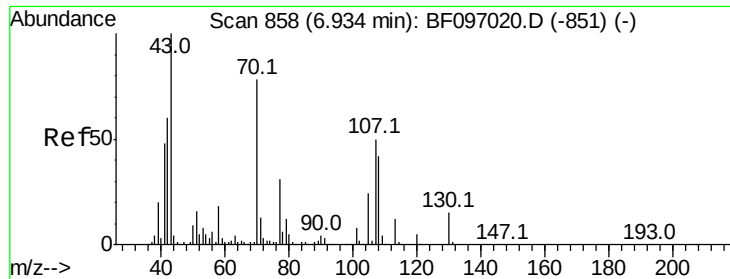
#18
Hexachloroethane
Concen: 32.137 ng
RT: 7.00 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:117 Resp: 78826
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
201 88.1 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.620 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

Tot Ion: 70 Resp: 157145

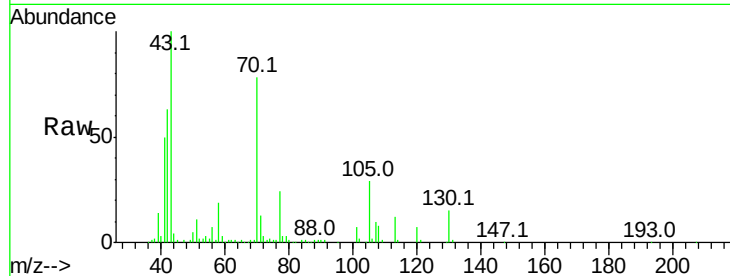
Ion Ratio Lower Upper

70 100

42 81.4 47.2 70.8#

101 8.7 7.2 10.8

130 19.5 15.9 23.9

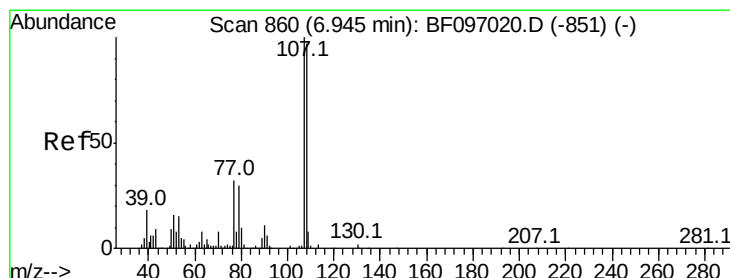
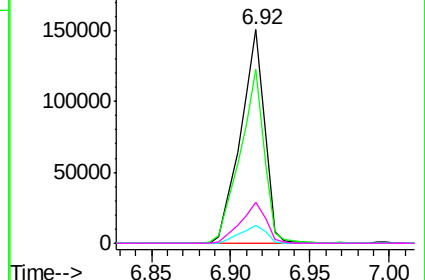
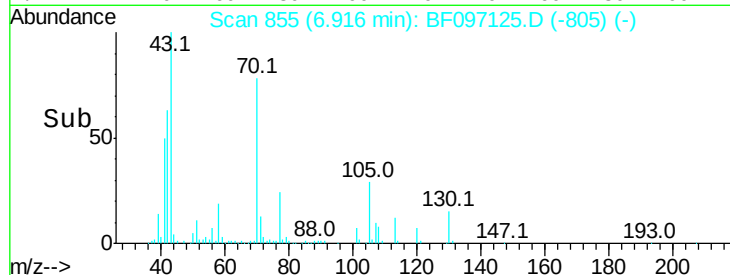


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.383 ng

RT: 6.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:107 Resp: 242885

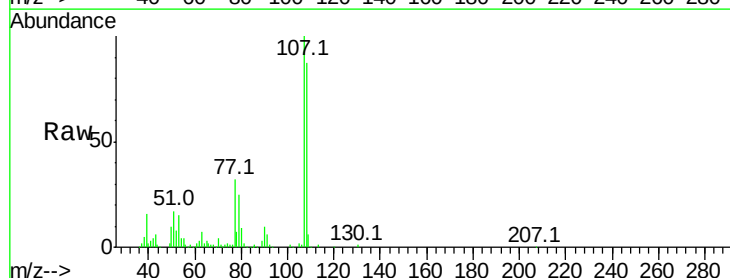
Ion Ratio Lower Upper

107 100

108 86.7 71.0 111.0

77 31.5 90.5 130.5#

79 24.5 8.4 48.4

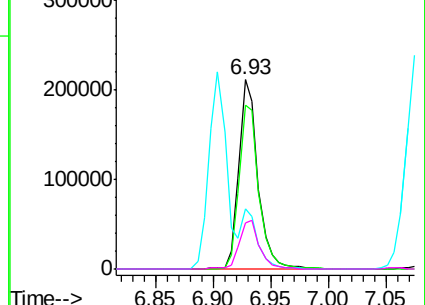
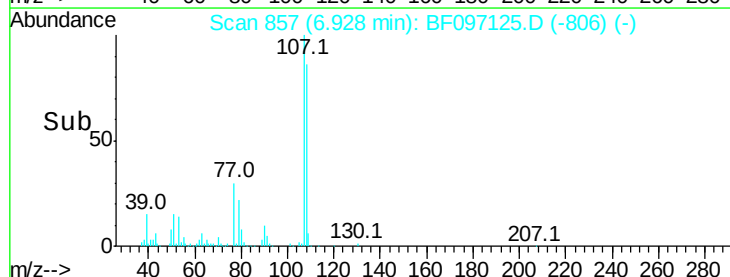


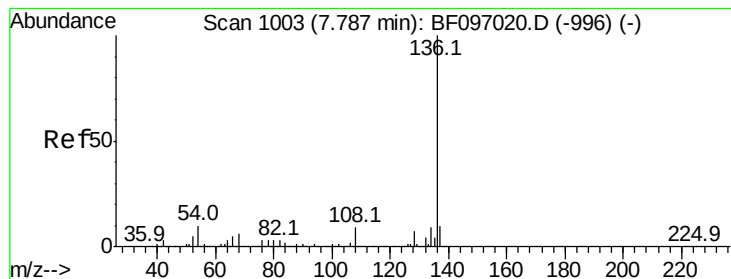
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

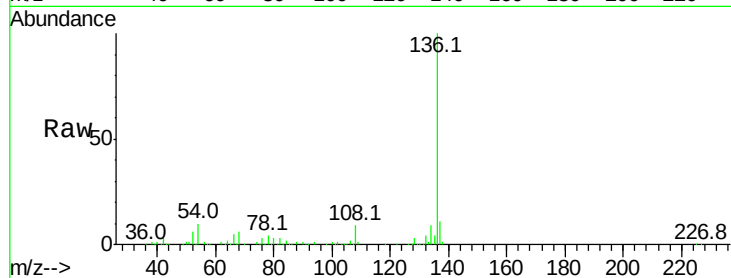
ClientSampleId :

PB101001BS

Tot Ion:136 Resp: 378403

Ion Ratio Lower Upper

136	100		
137	11.1	8.5	12.7
54	10.5	4.9	7.3#
68	5.6	4.1	6.1

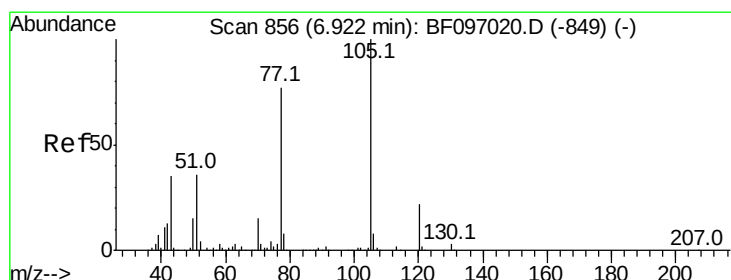
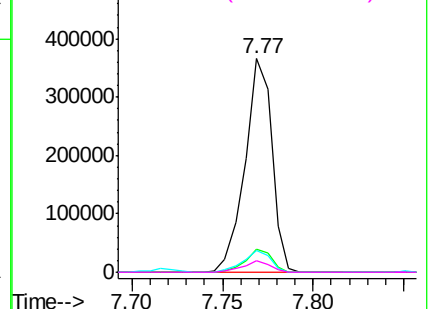
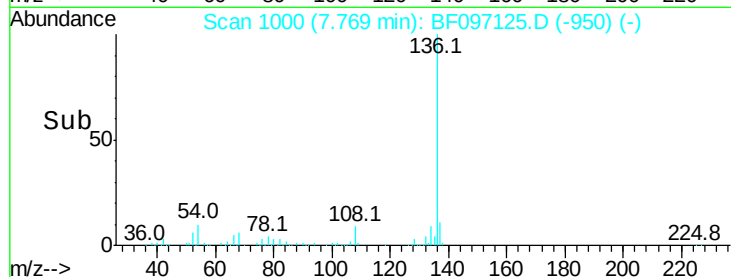


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.122 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

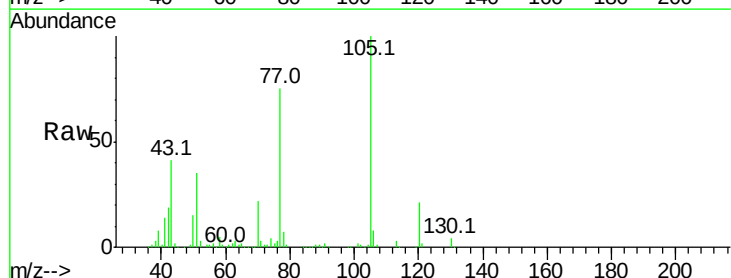
Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Tgt Ion:105 Resp: 310071

Ion Ratio Lower Upper

105	100		
71	3.3	2.8	4.2
51	35.3	30.7	46.1
120	21.4	17.4	26.0

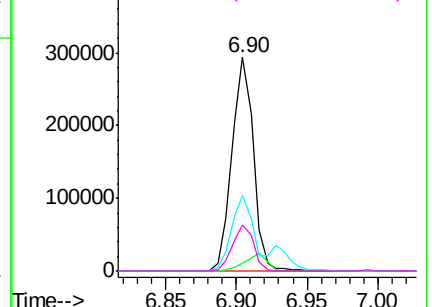
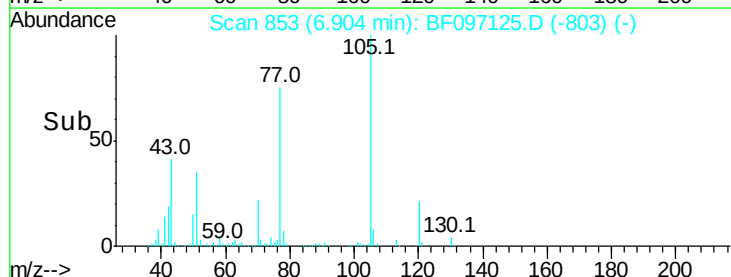


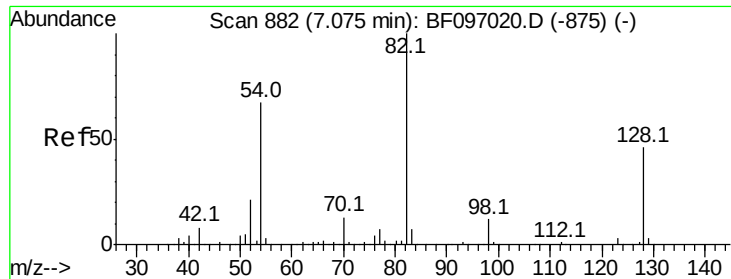
Abundance Ion 105.00 (104.70 to 105.70): E

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

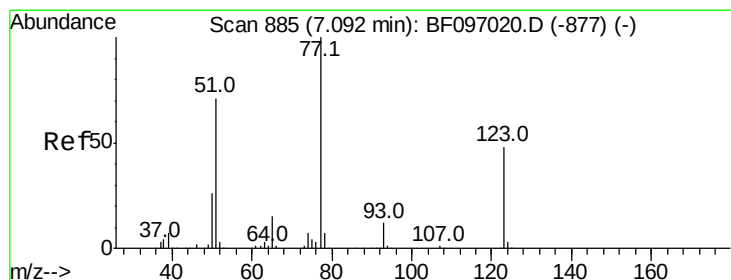
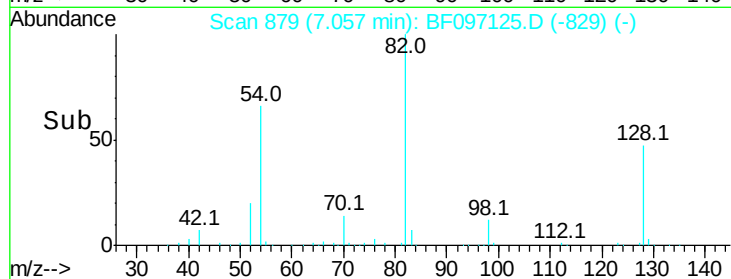
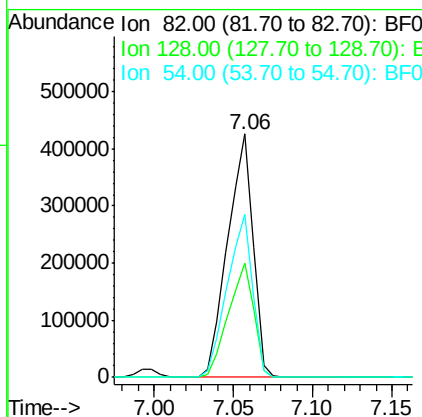
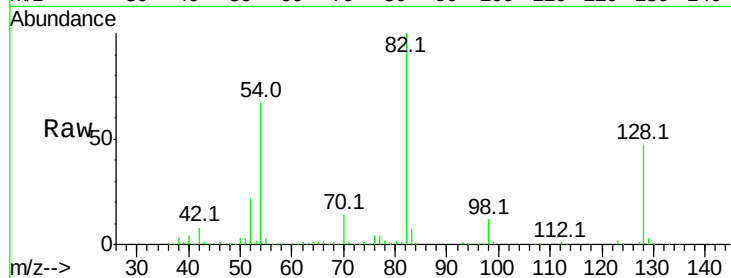




#23
 Nitrobenzene-d5
 Concen: 73.526 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

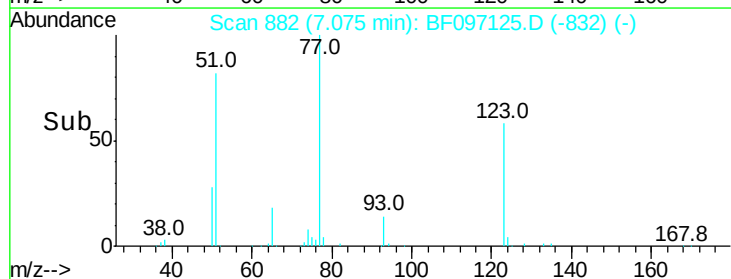
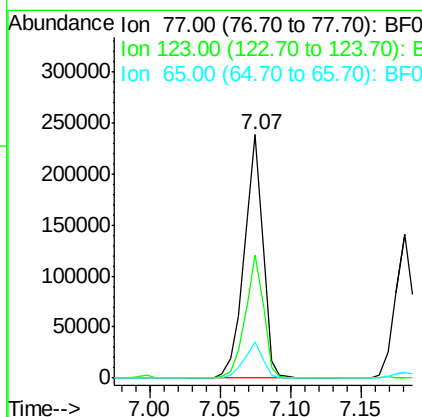
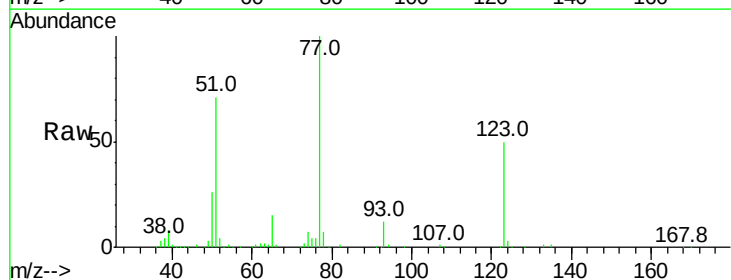
Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

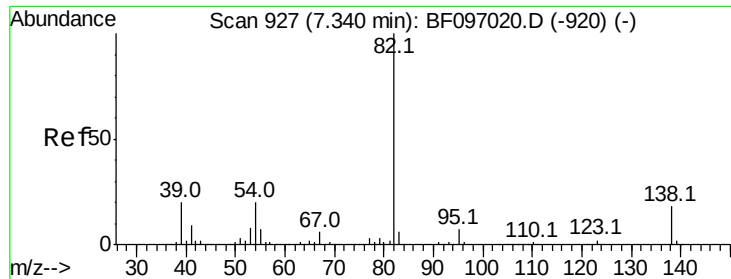
Tot Ion: 82 Resp: 474267
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 67.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 32.893 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion: 77 Resp: 220970
 Ion Ratio Lower Upper
 77 100
 123 50.5 35.8 53.8
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 33.318 ng

RT: 7.32 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

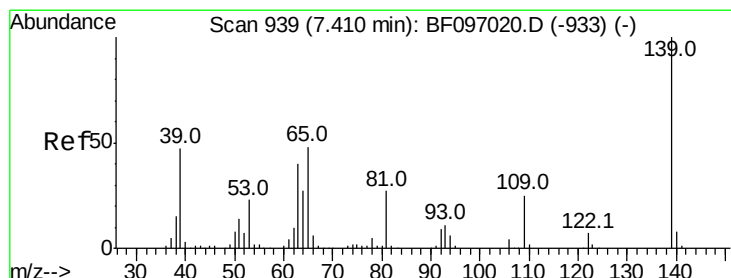
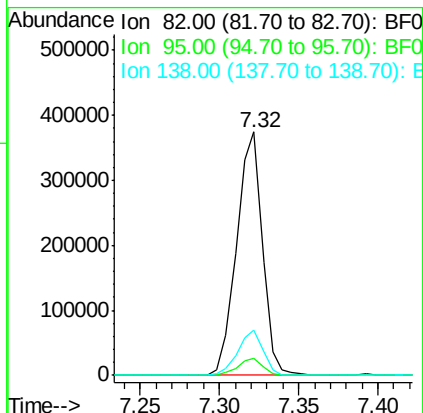
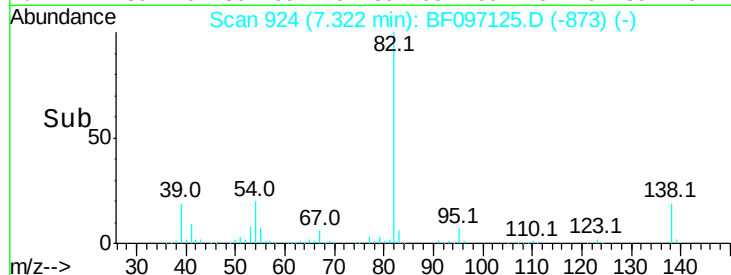
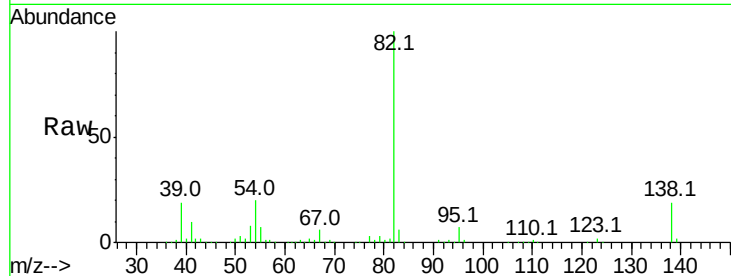
Tot Ion: 82 Resp: 420886

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 27.810 ng

RT: 7.39 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

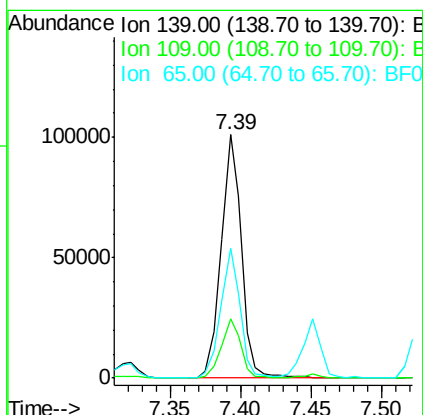
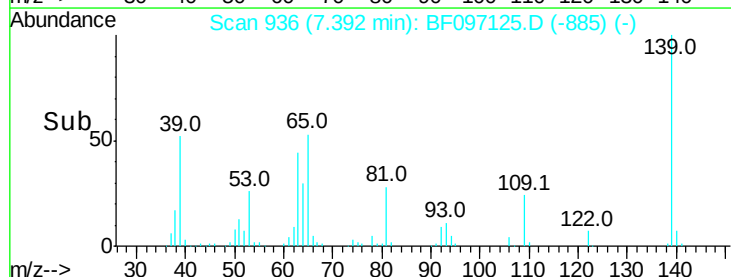
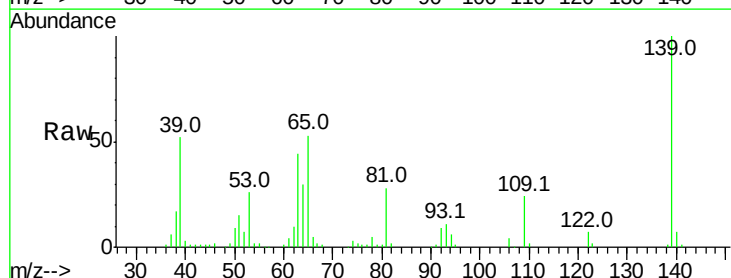
Tgt Ion: 139 Resp: 101074

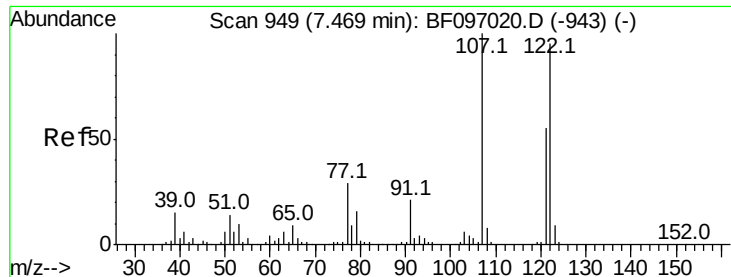
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 53.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 35.849 ng

RT: 7.45 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

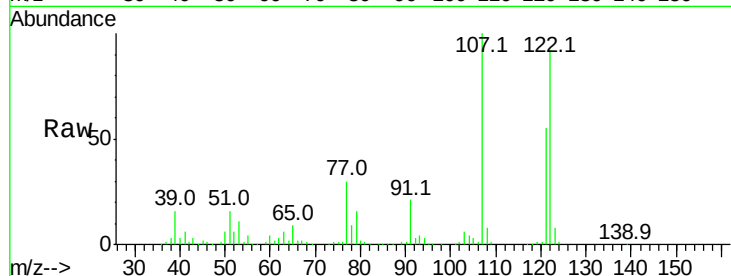
Tot Ion:122 Resp: 214934

Ion Ratio Lower Upper

122 100

107 108.6 89.2 133.8

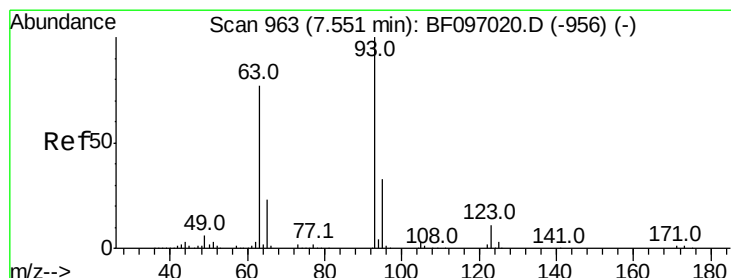
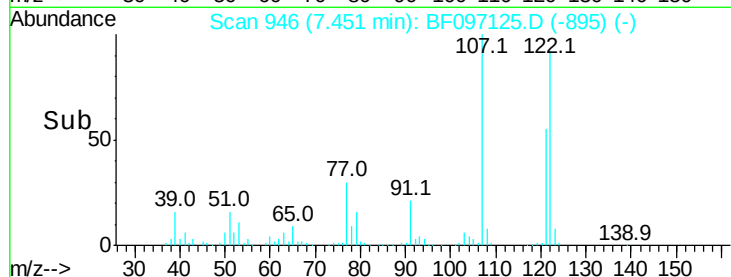
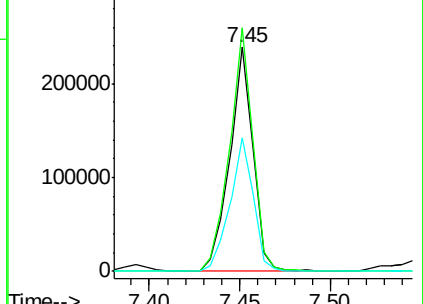
121 59.4 45.2 67.8



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: 34.000 ng

RT: 7.54 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

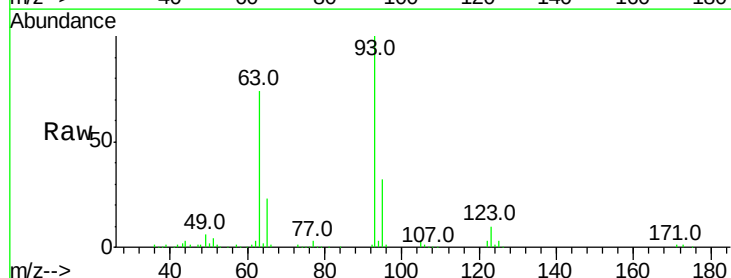
Tgt Ion: 93 Resp: 280279

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

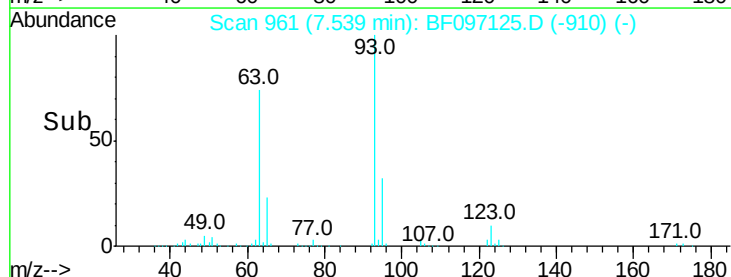
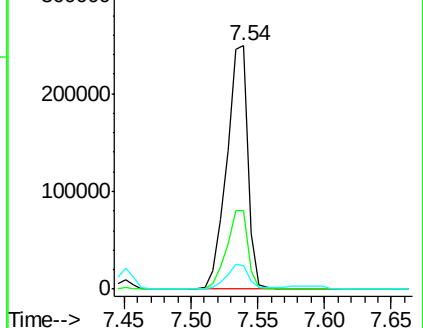
123 9.9 9.0 13.4

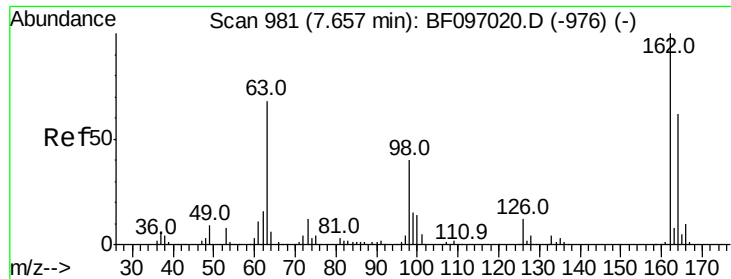


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

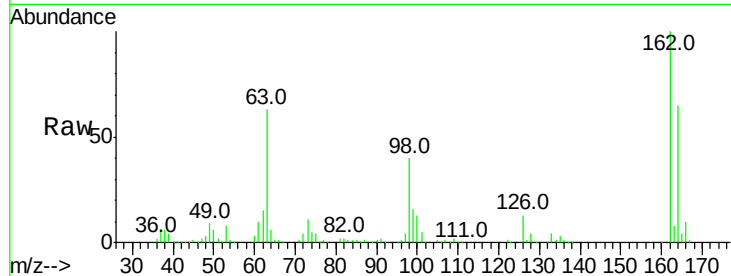




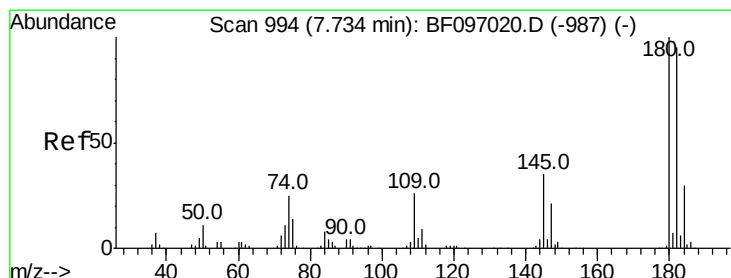
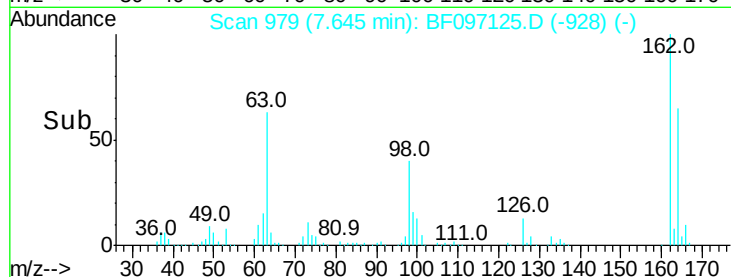
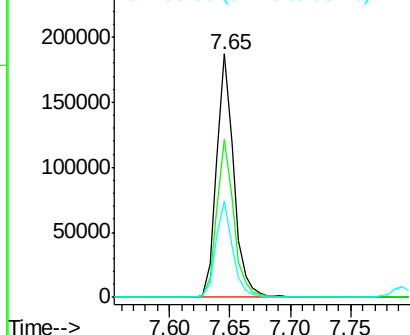
#29
 2,4-Dichlorophenol
 Concen: 35.305 ng
 RT: 7.65 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	39.8	14.8	54.8

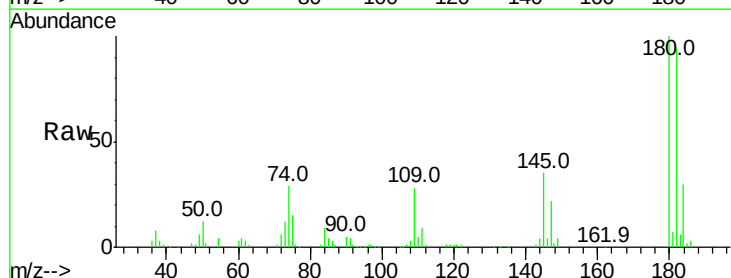


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

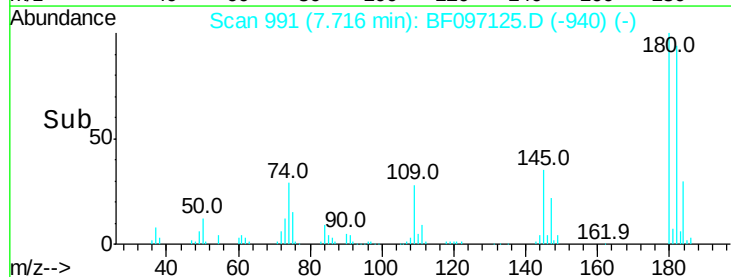
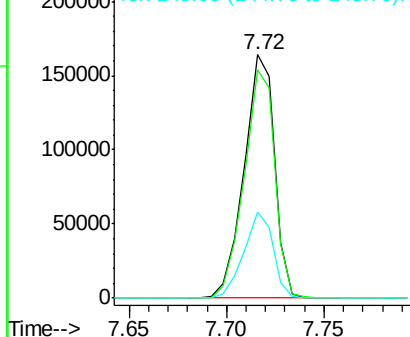


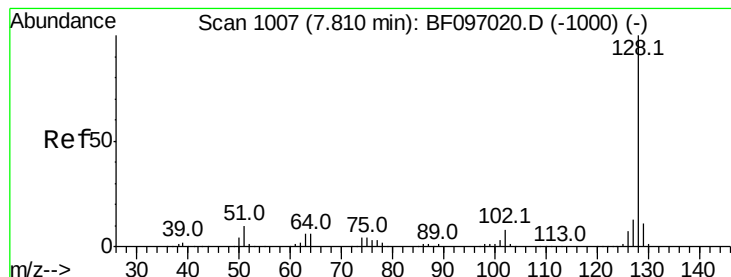
#30
 1,2,4-Trichlorobenzene
 Concen: 36.083 ng
 RT: 7.72 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	35.2	25.3	37.9



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





#31

Naphthalene

Concen: 36.143 ng

RT: 7.79 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

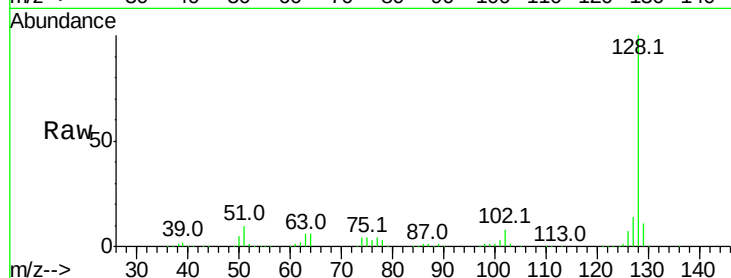
Tot Ion:128 Resp: 644701

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

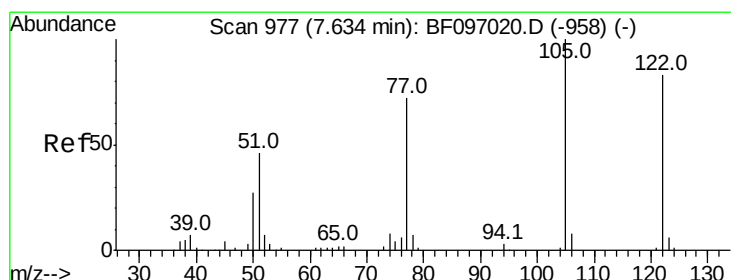
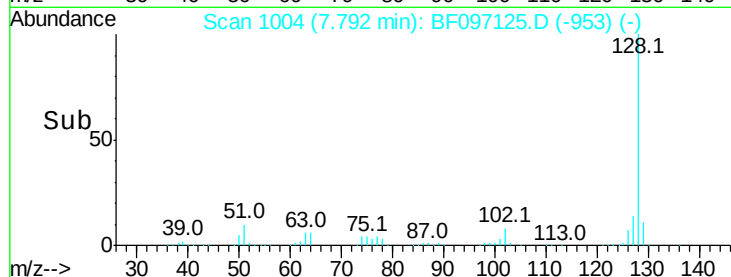
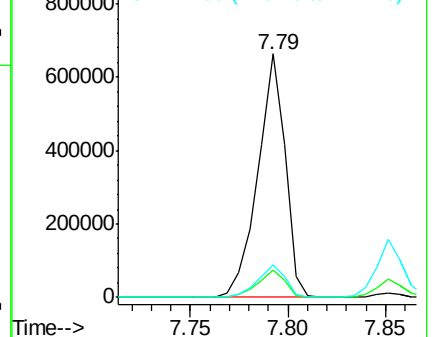
127 13.5 10.8 16.2



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: 25.232 ng

RT: 7.59 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

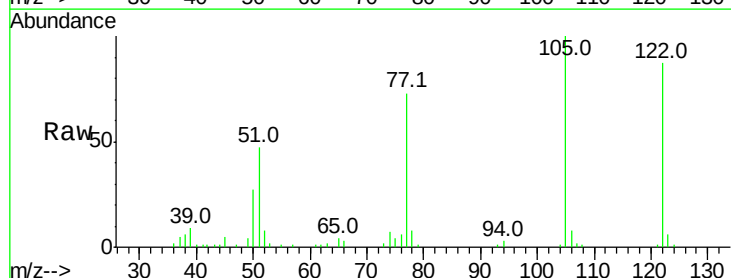
Tgt Ion:122 Resp: 112963

Ion Ratio Lower Upper

122 100

105 115.2 103.3 143.3

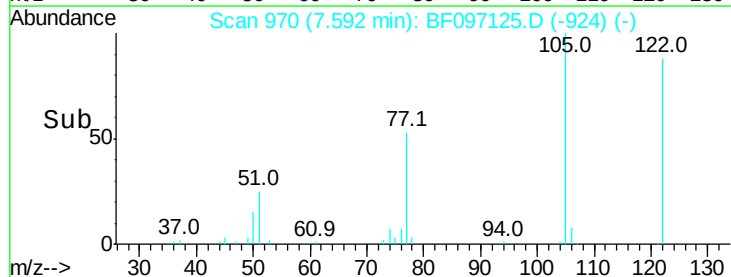
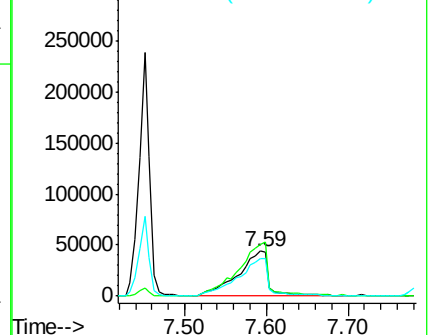
77 84.0 73.7 113.7

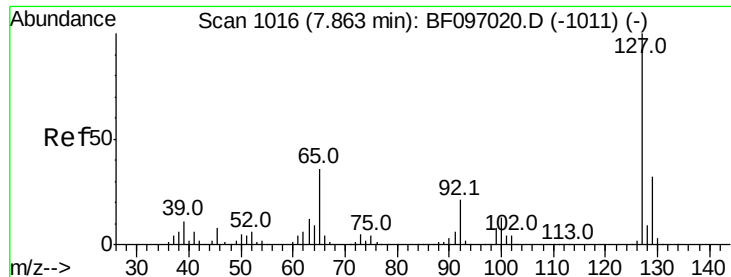


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

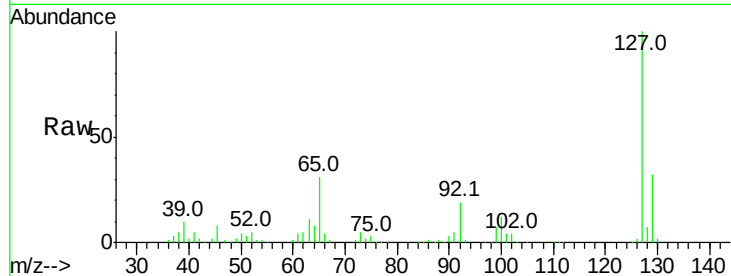




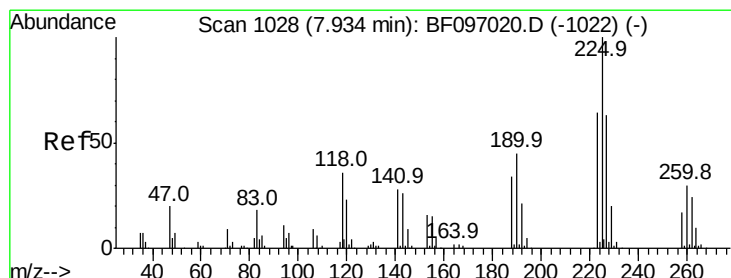
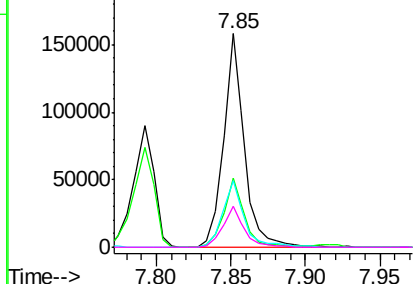
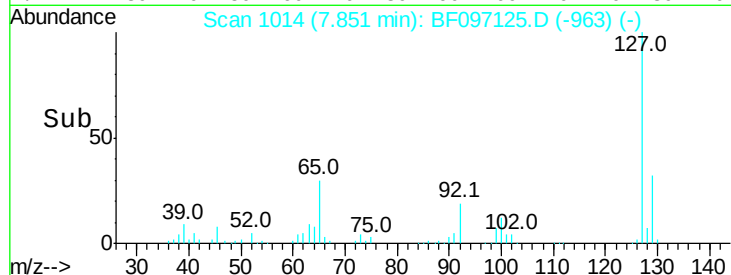
#33
4-Chloroaniline
Concen: 21.352 ng
RT: 7.85 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion:127 Resp: 154971
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.2
65 30.9 27.8 41.8
92 19.3 16.8 25.2

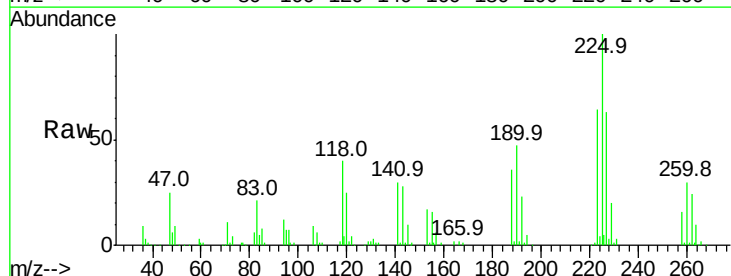


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

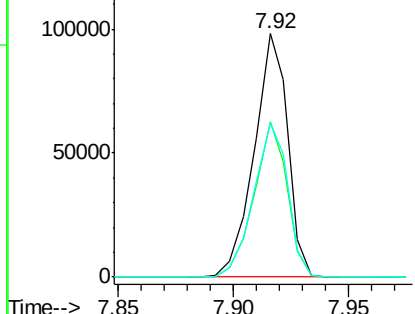
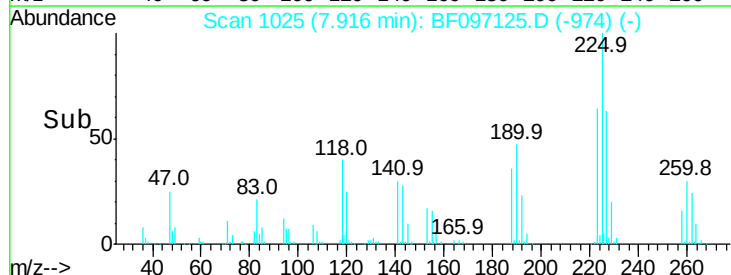


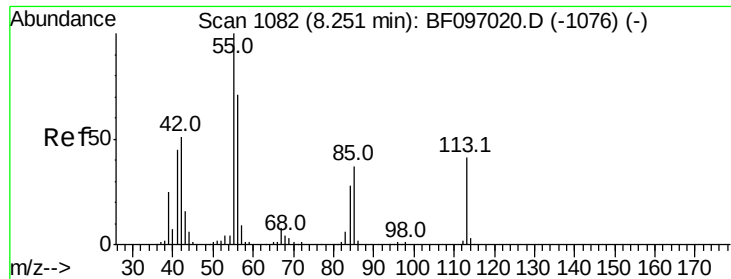
#34
Hexachlorobutadiene
Concen: 37.974 ng
RT: 7.92 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:225 Resp: 99111
Ion Ratio Lower Upper
225 100
223 63.9 48.8 73.2
227 63.4 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

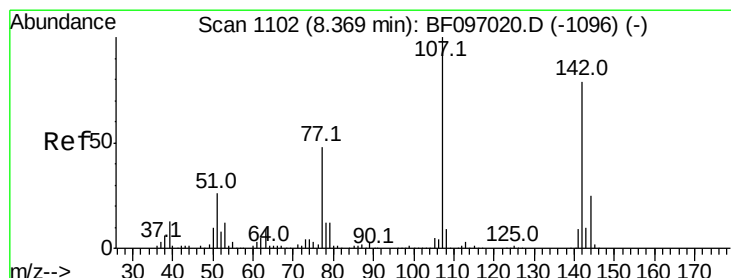
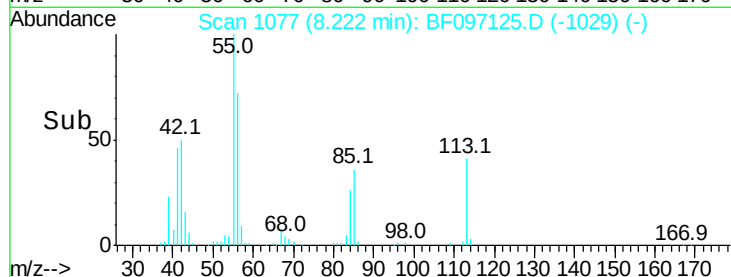
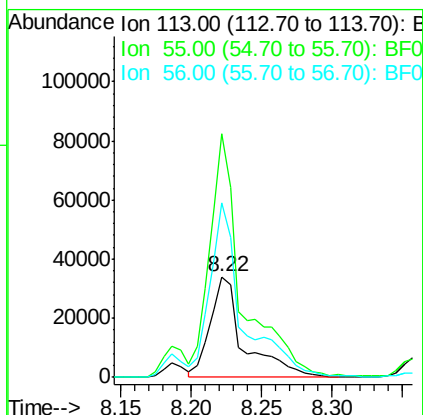
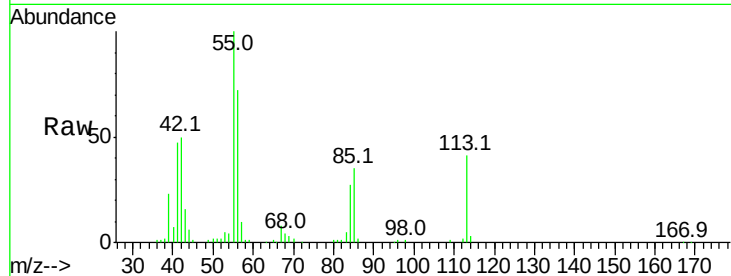




#35
 Caprolactam
 Concen: 34.193 ng
 RT: 8.22 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

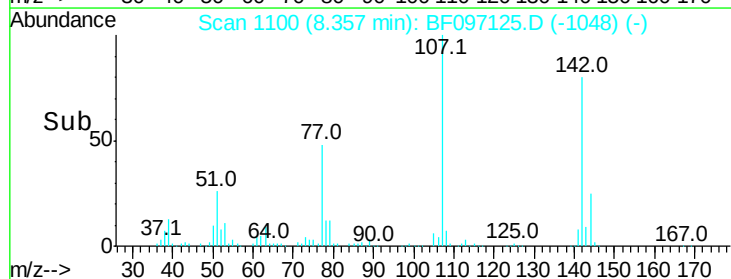
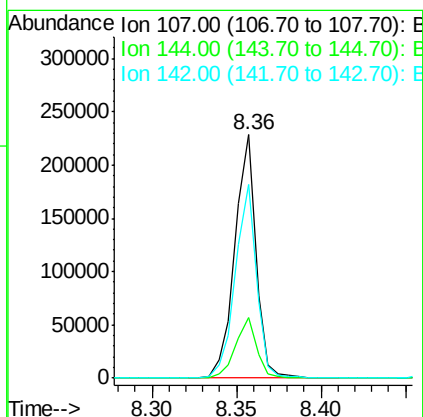
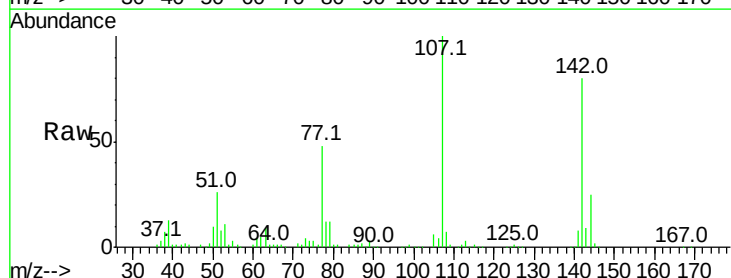
Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

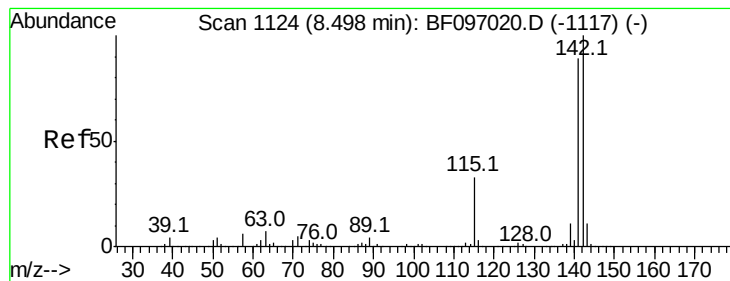
Tot Ion:113 Resp: 56630
 Ion Ratio Lower Upper
 113 100
 55 242.8 150.2 190.2#
 56 174.6 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 35.375 ng
 RT: 8.36 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:107 Resp: 199334
 Ion Ratio Lower Upper
 107 100
 144 24.7 24.2 36.4
 142 79.6 73.4 110.0





#37

2-Methylnaphthalene

Concen: 40.198 ng

RT: 8.49 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

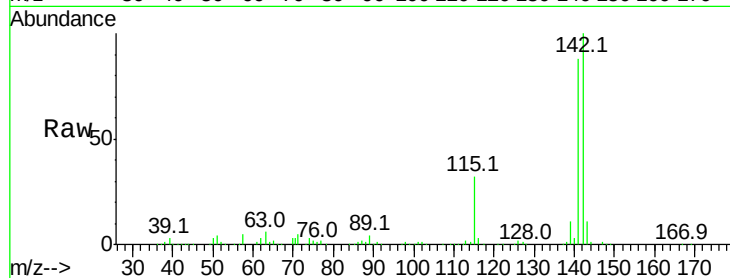
Tot Ion:142 Resp: 453992

Ion Ratio Lower Upper

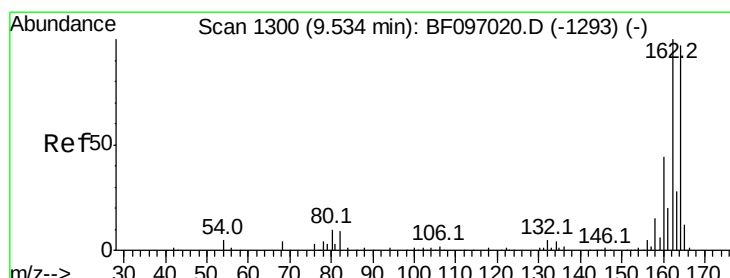
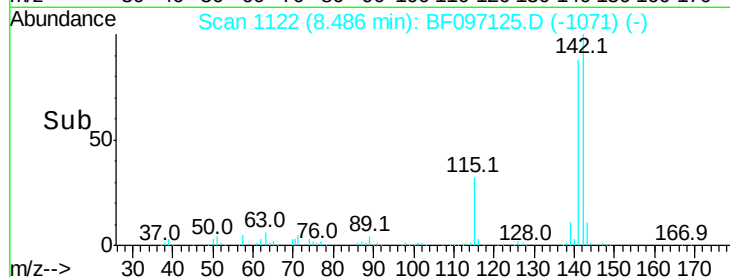
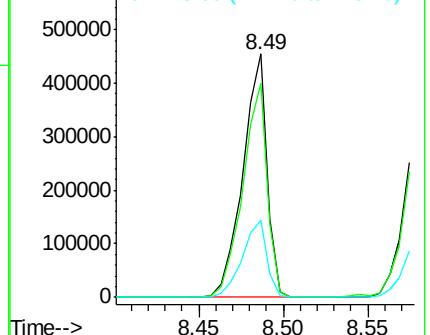
142 100

141 87.9 71.3 106.9

115 31.7 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

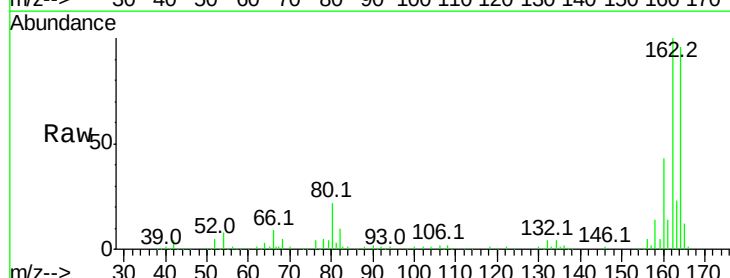
Tgt Ion:164 Resp: 190009

Ion Ratio Lower Upper

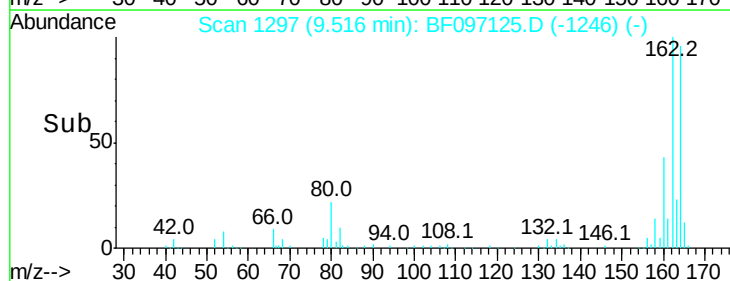
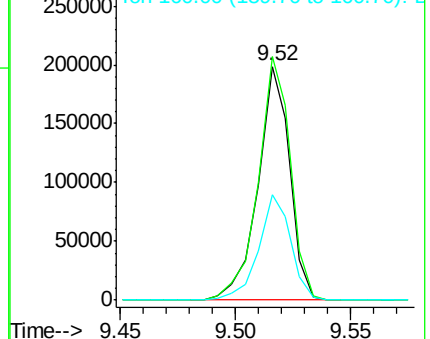
164 100

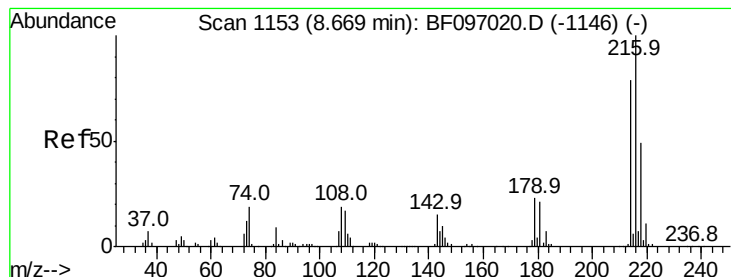
162 104.2 82.6 123.8

160 45.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.132 ng

RT: 8.66 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

Tot Ion:216 Resp: 162906

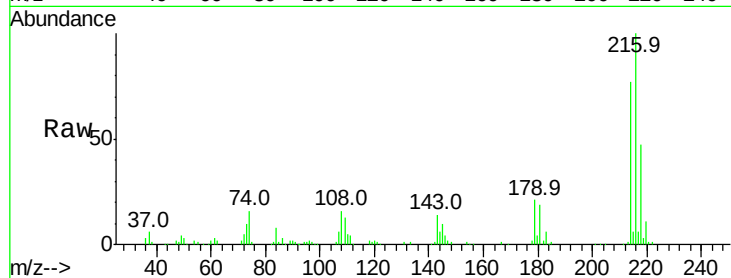
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.2

179 22.1 17.9 26.9

108 19.9 16.5 24.7

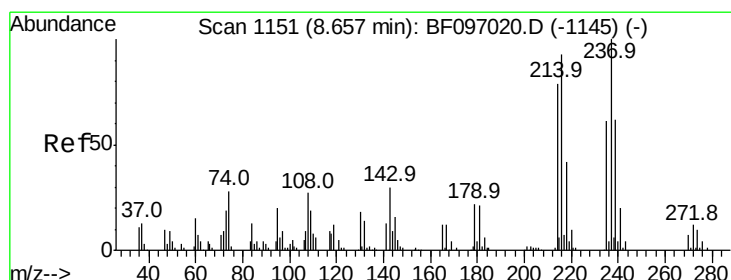
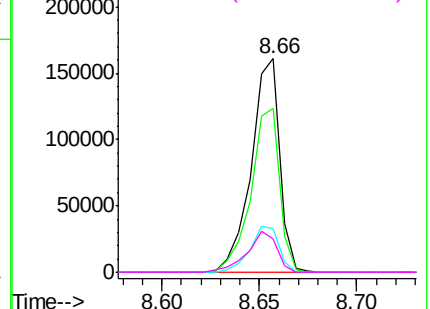
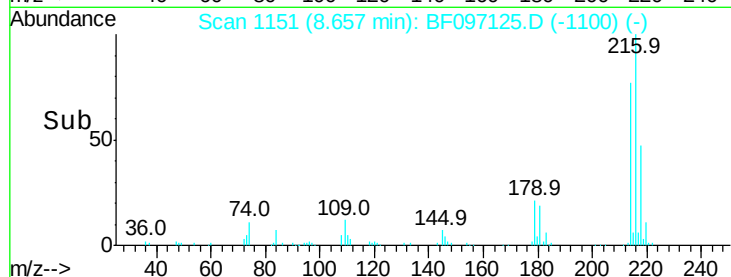


Abundance Ion 216.00 (215.70 to 216.70): E

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: 27.863 ng

RT: 8.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

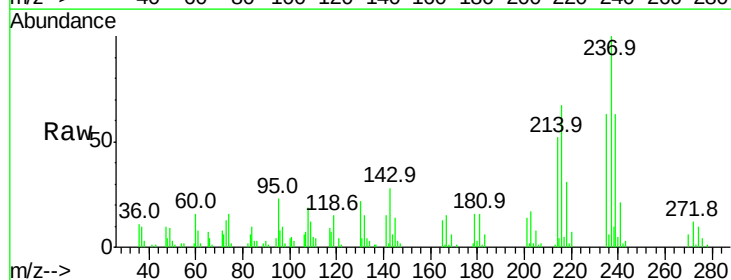
Tgt Ion:237 Resp: 41098

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

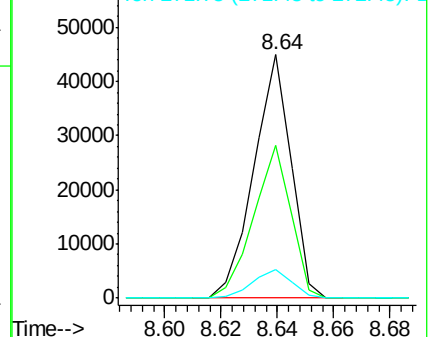
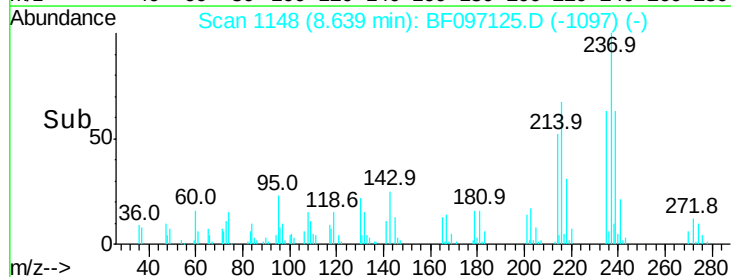
272 11.6 0.0 31.9

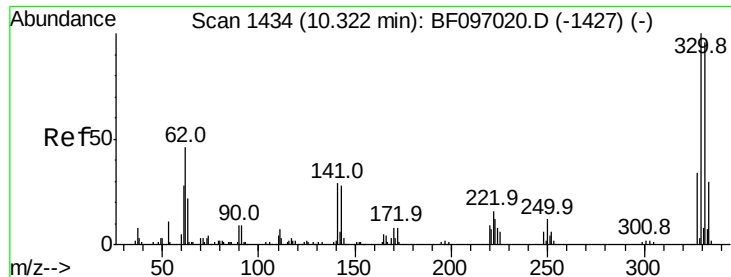


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 91.115 ng

RT: 10.30 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

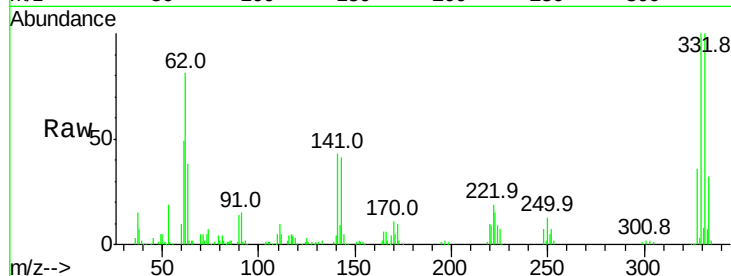
Tot Ion:330 Resp: 136787

Ion Ratio Lower Upper

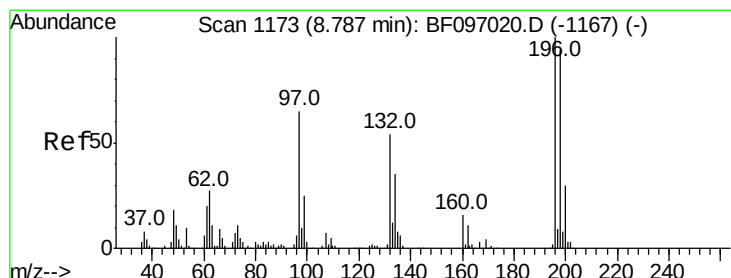
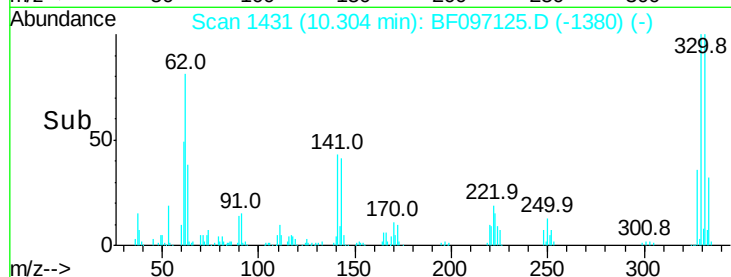
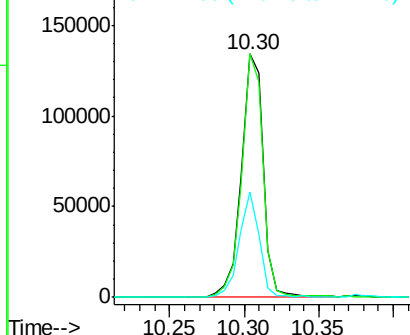
330 100

332 97.6 76.6 115.0

141 40.2 31.4 47.2



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



#42

2,4,6-Trichlorophenol

Concen: 29.800 ng

RT: 8.77 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

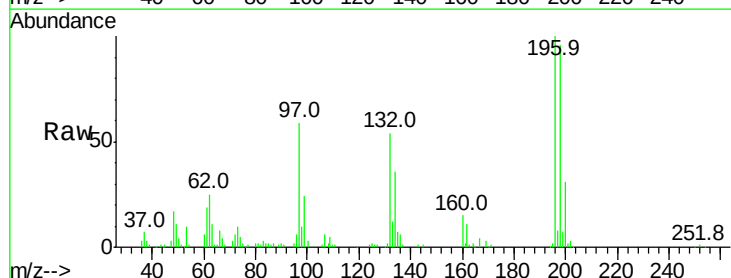
Tgt Ion:196 Resp: 109487

Ion Ratio Lower Upper

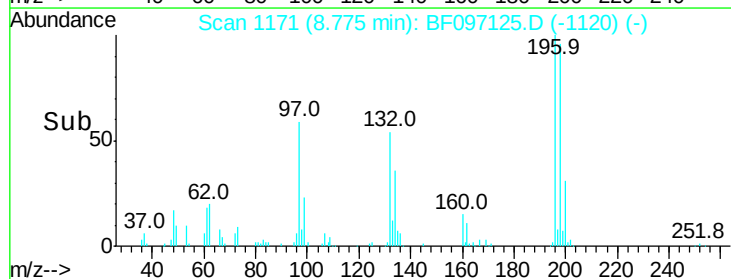
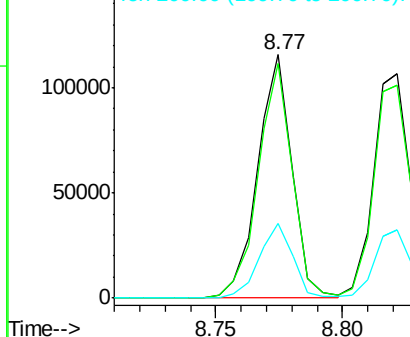
196 100

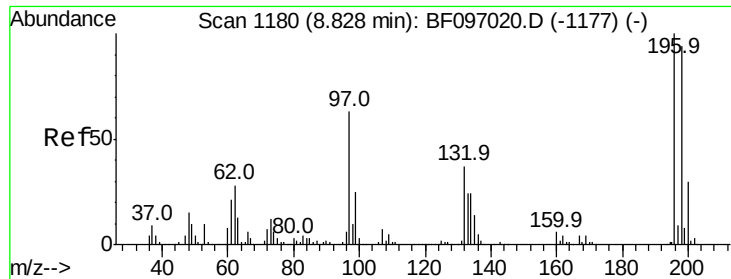
198 96.5 74.2 111.4

200 30.9 24.0 36.0



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

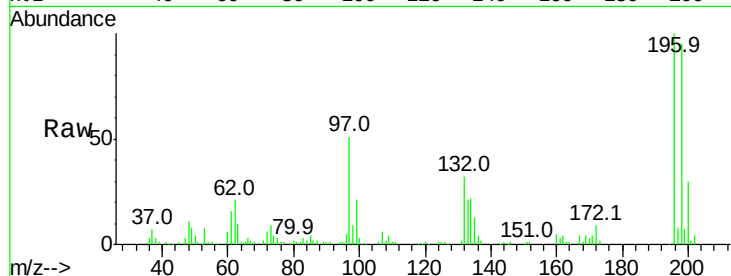




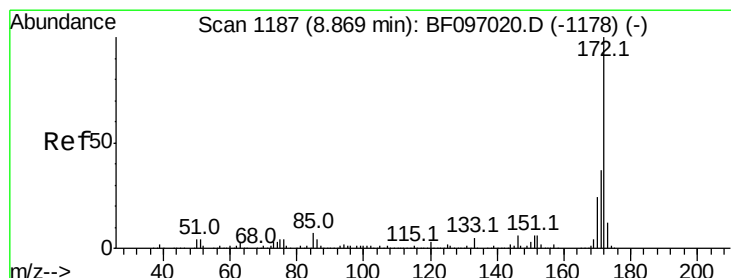
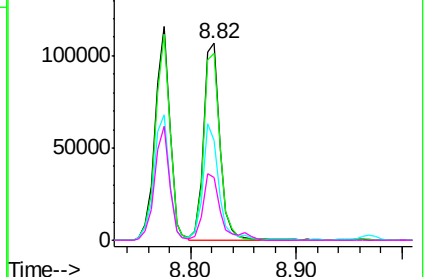
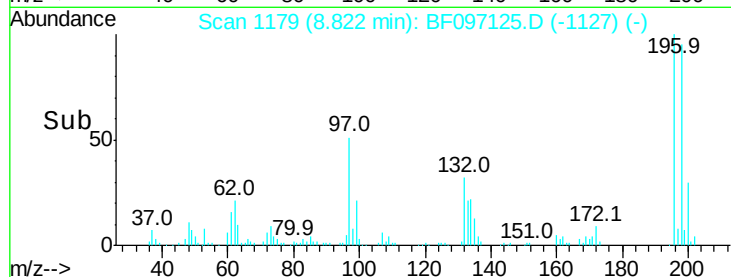
#43
 2,4,5-Trichlorophenol
 Concen: 31.143 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion:196 Resp: 114526
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 97 50.9 47.7 71.5
 132 31.8 28.0 42.0

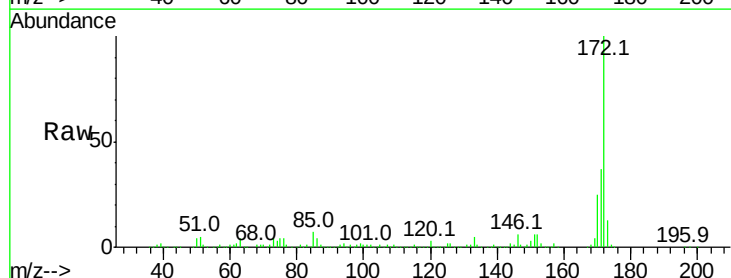


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

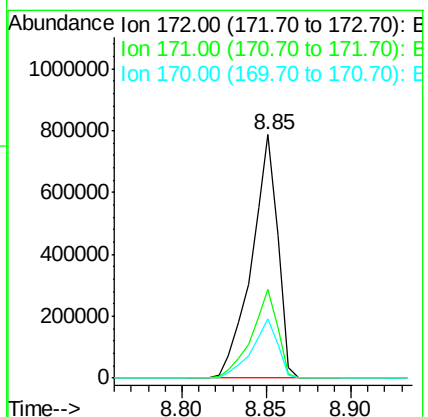
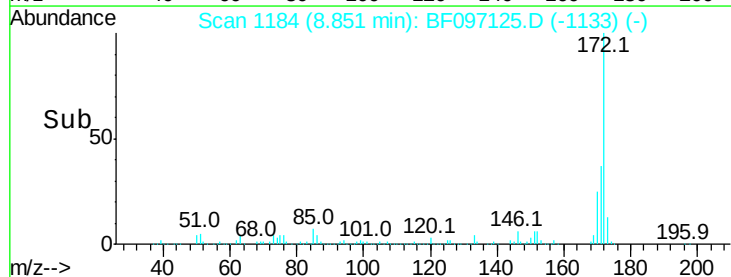


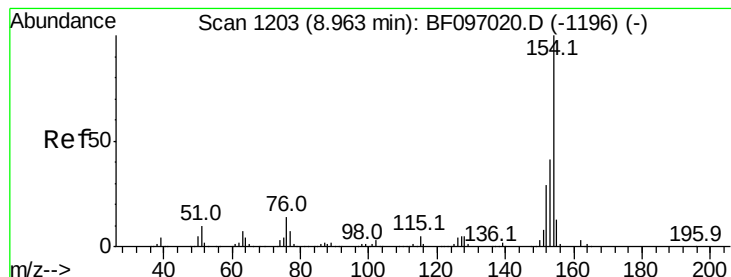
#44
 2-Fluorobiphenyl
 Concen: 75.645 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:172 Resp: 846936
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.5 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

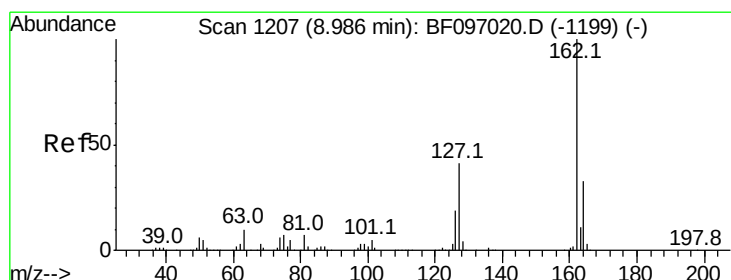
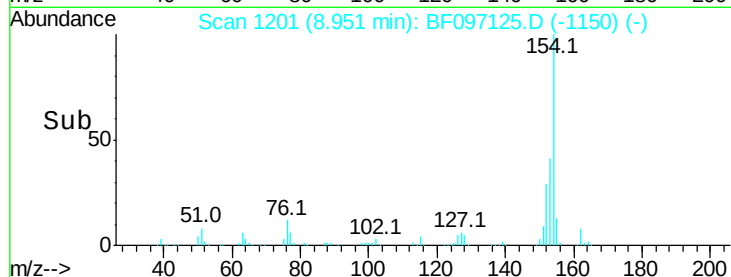
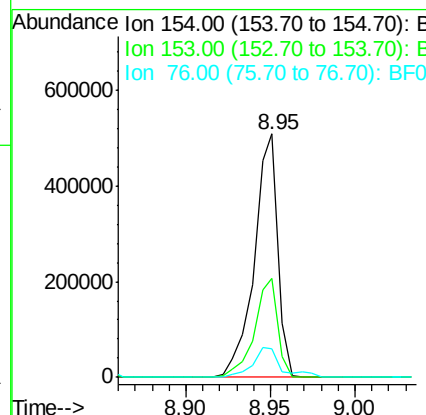
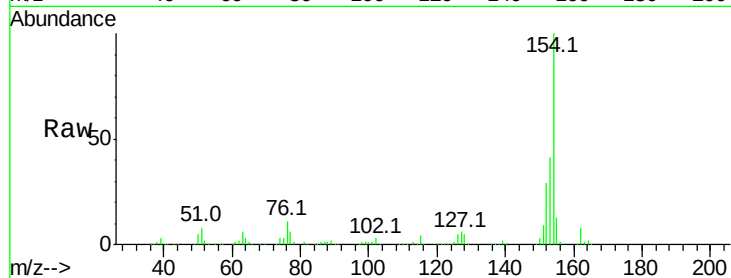




#45
 1,1'-Biphenyl
 Concen: 30.603 ng
 RT: 8.95 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

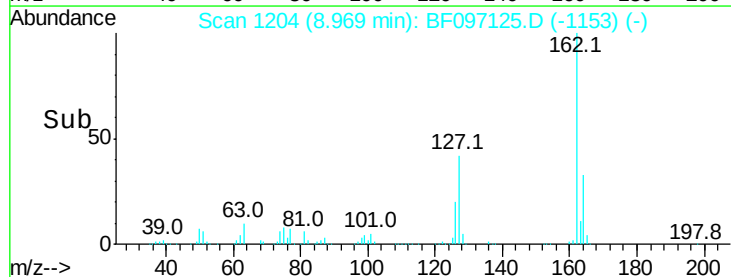
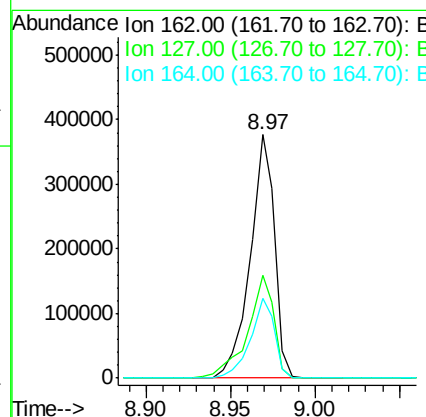
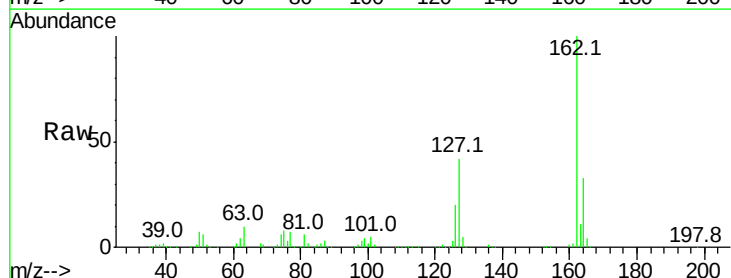
Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

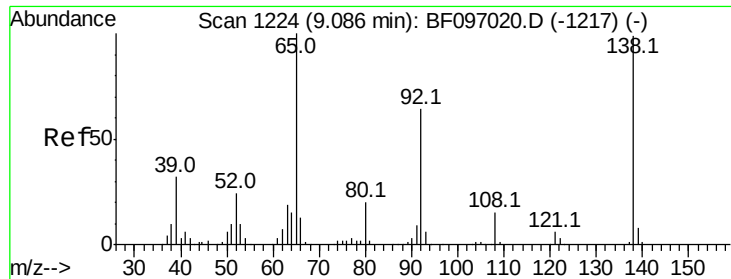
Tot Ion:154 Resp: 496673
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 11.5 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 31.831 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:162 Resp: 380152
 Ion Ratio Lower Upper
 162 100
 127 42.4 28.3 42.5
 164 32.5 27.0 40.4

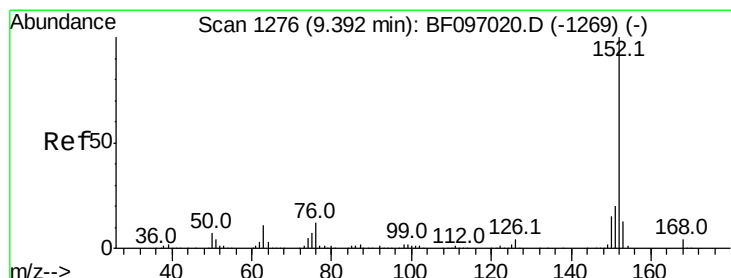
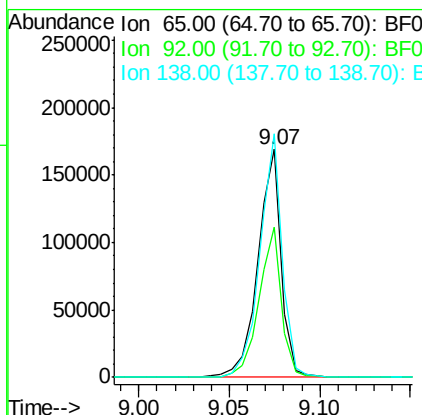
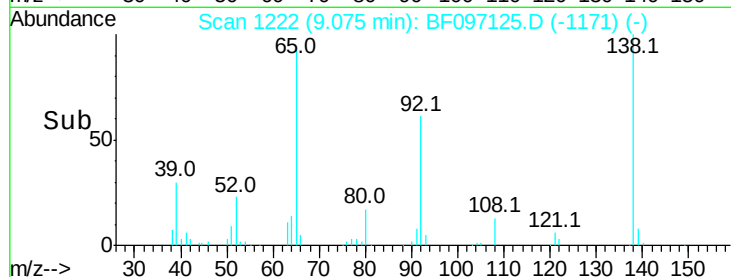
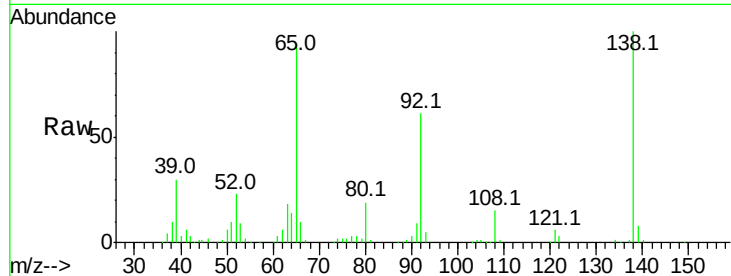




#47
 2-Nitroaniline
 Concen: 34.719 ng
 RT: 9.07 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

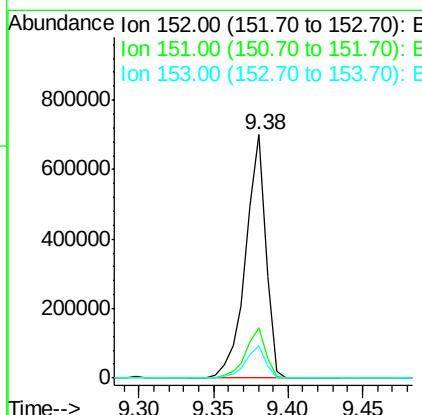
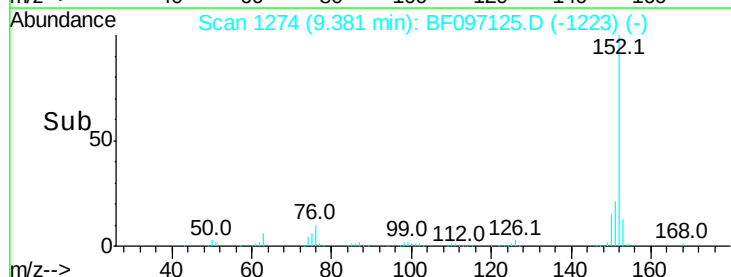
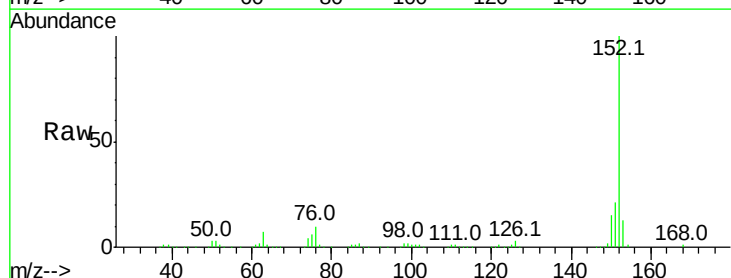
Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

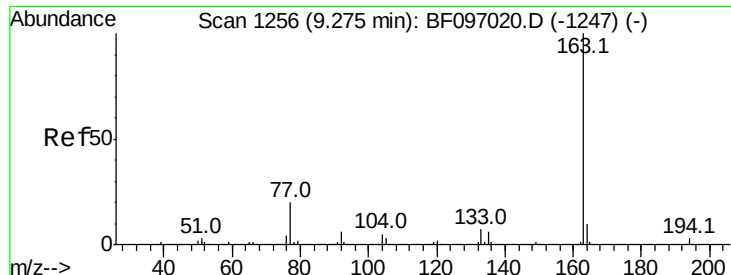
Tot Ion: 65 Resp: 150483
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.9 80.9
 138 106.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 35.815 ng
 RT: 9.38 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion: 152 Resp: 656544
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.3 10.8 16.2

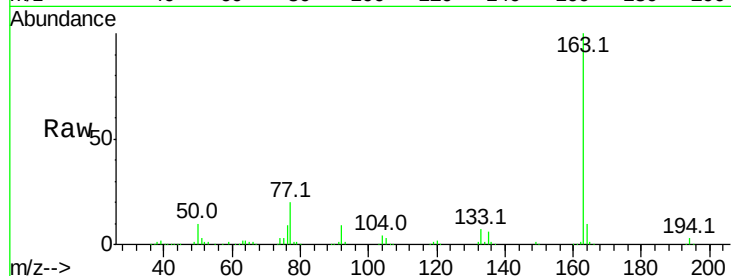




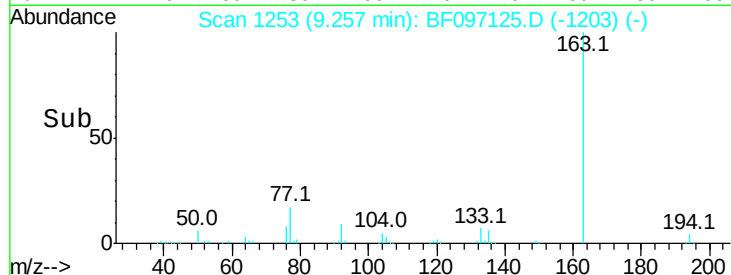
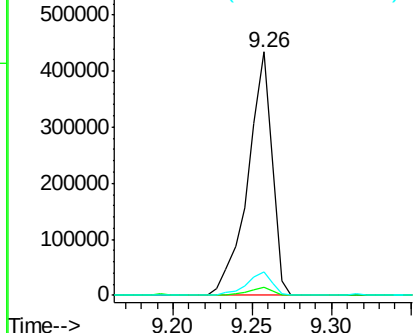
#49
Dimethylphthalate
Concen: 31.837 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion:163 Resp: 459373
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6

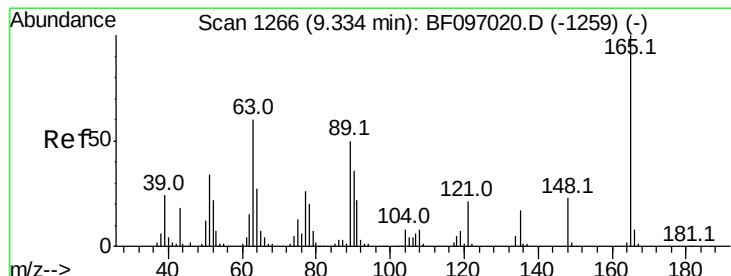


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

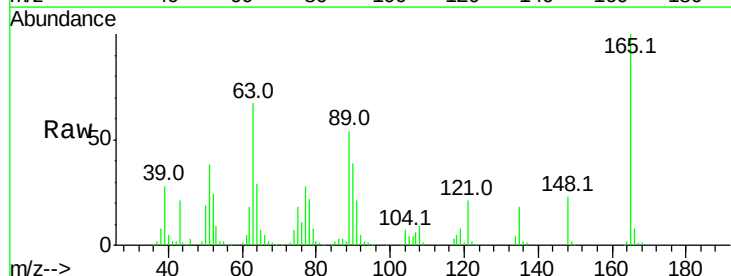
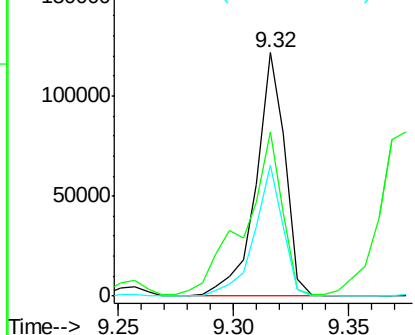


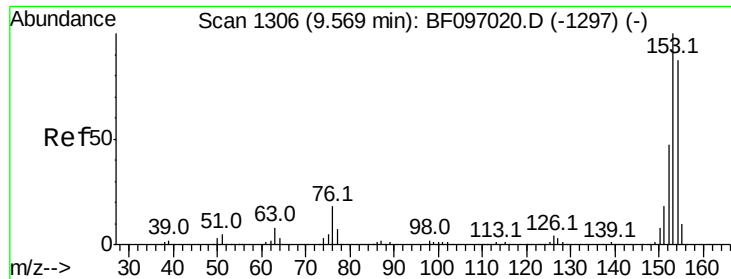
#50
2,6-Dinitrotoluene
Concen: 34.813 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:165 Resp: 106537
Ion Ratio Lower Upper
165 100
63 67.4 34.3 51.5#
89 53.6 37.1 55.7



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





#51

Acenaphthene

Concen: 35.418 ng

RT: 9.55 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

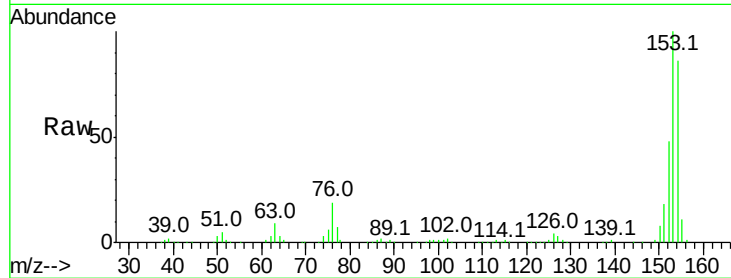
Tot Ion:154 Resp: 382438

Ion Ratio Lower Upper

154 100

153 115.7 90.5 135.7

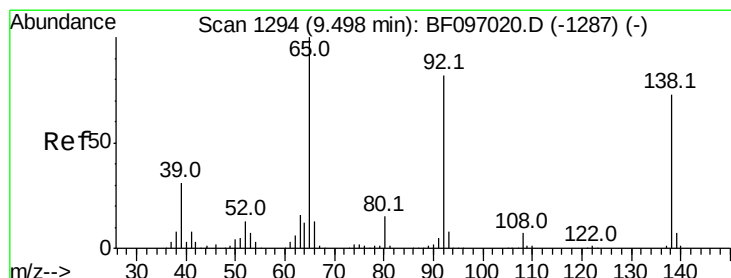
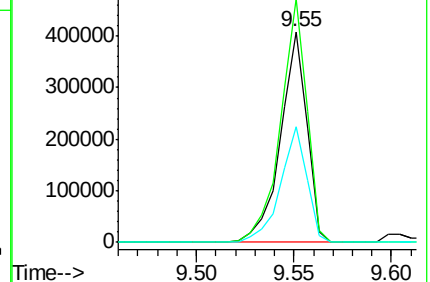
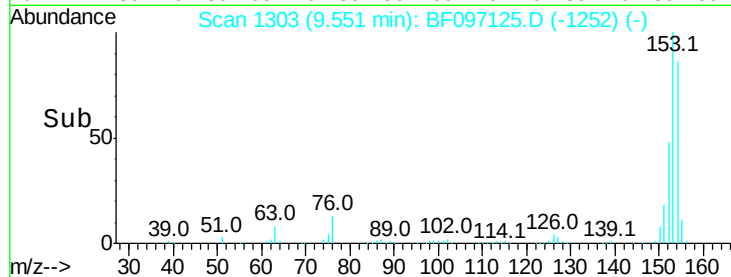
152 55.0 43.6 65.4



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: 33.056 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

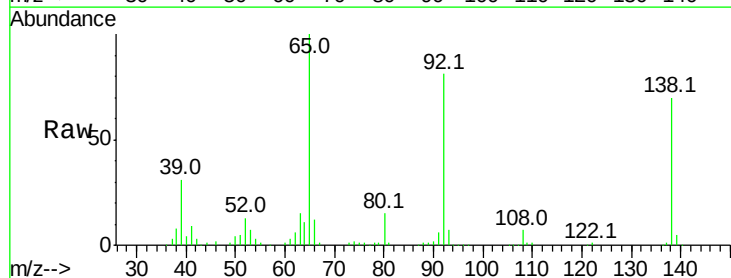
Tgt Ion:138 Resp: 125566

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

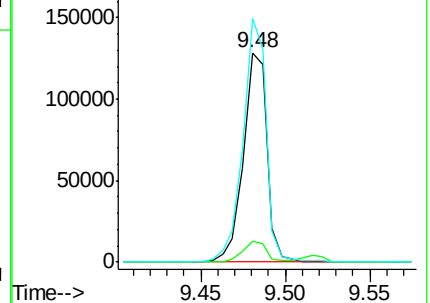
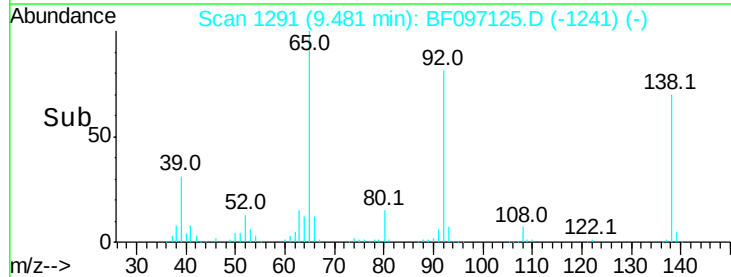
92 116.5 93.8 140.6

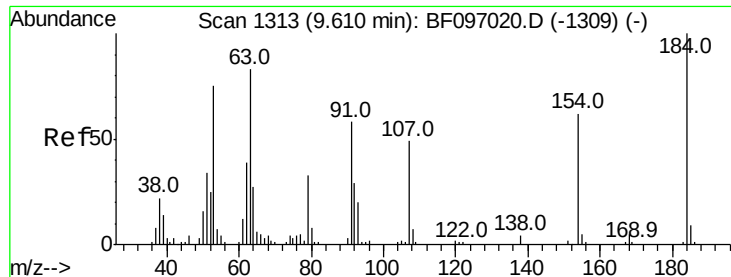


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

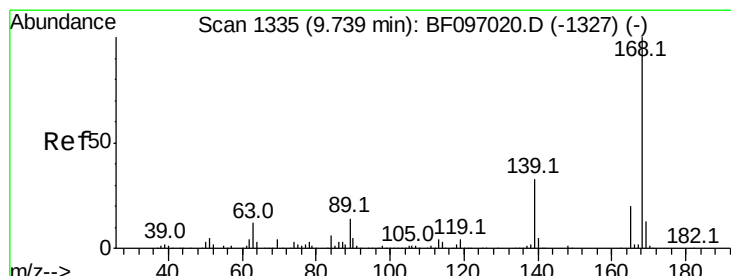
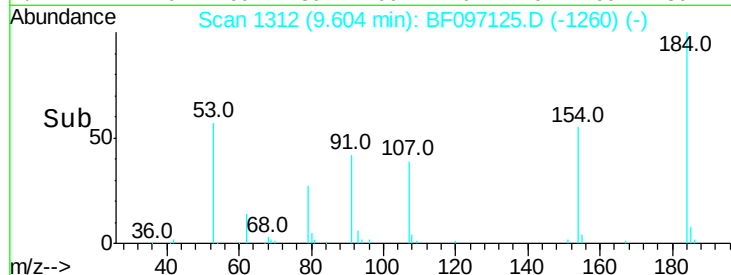
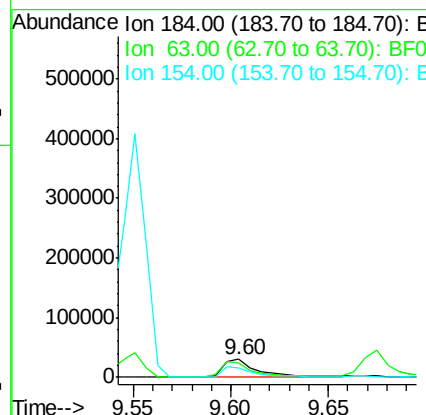
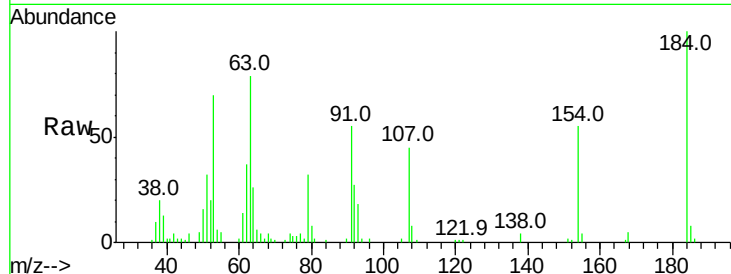




#53
 2,4-Dinitrophenol
 Concen: 27.287 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

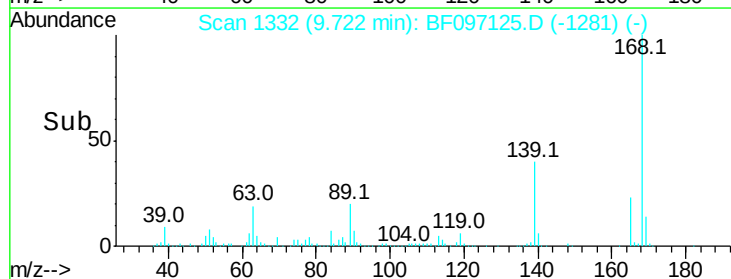
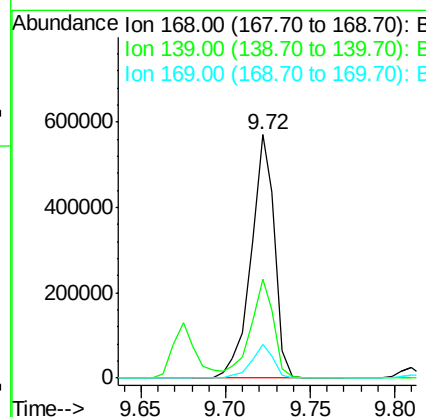
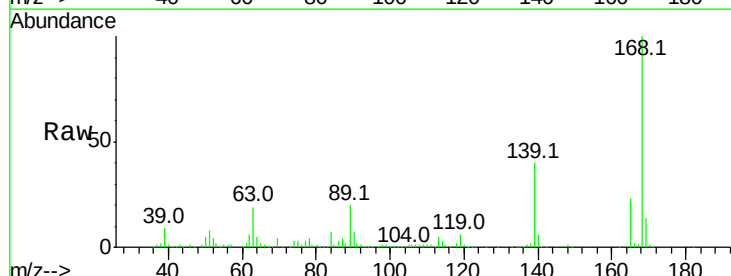
Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

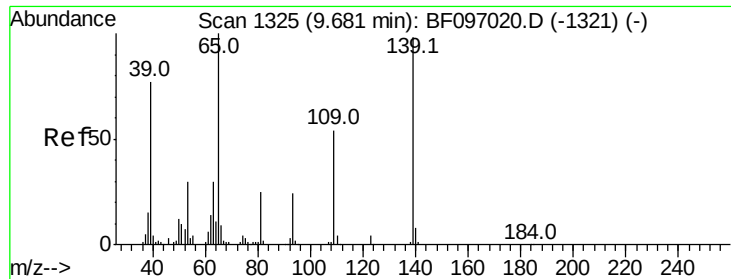
Tot Ion:184 Resp: 37968
 Ion Ratio Lower Upper
 184 100
 63 78.6 62.7 94.1
 154 54.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.268 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:168 Resp: 550388
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.6 45.8
 169 13.7 10.8 16.2

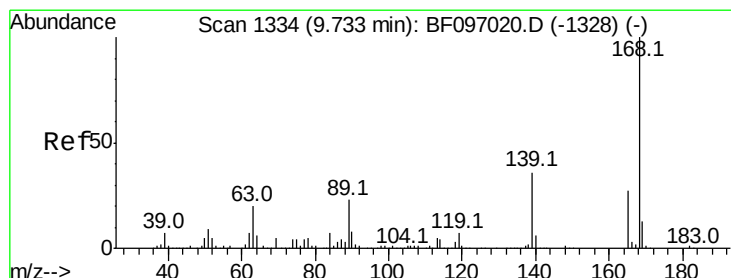
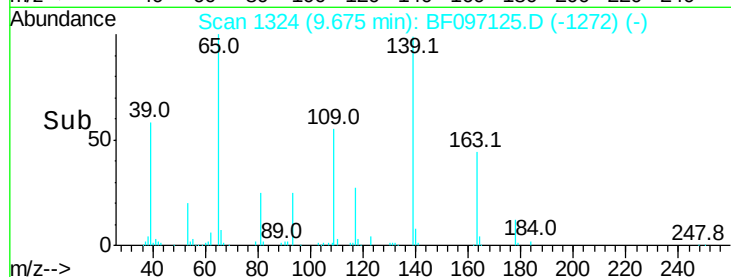
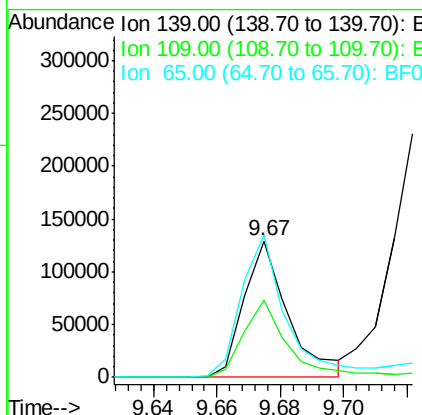
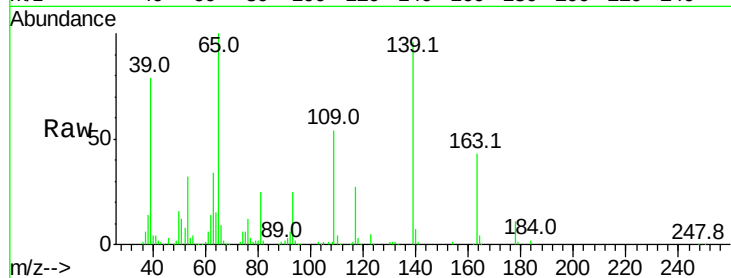




#55
4-Nitrophenol
Concen: 55.584 ng
RT: 9.67 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

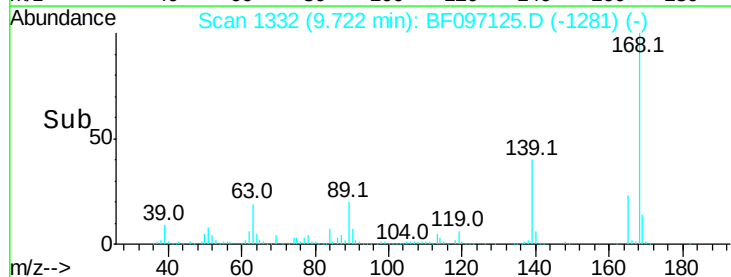
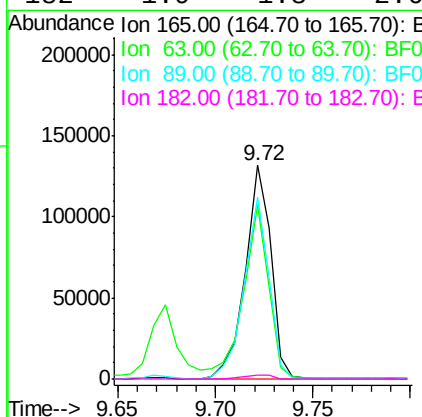
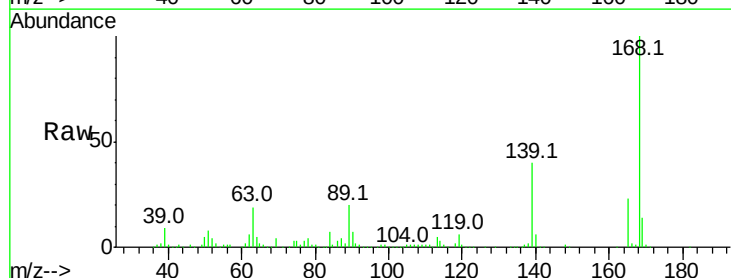
Instrument :
BNA_F
ClientSampleId :
PB101001BS

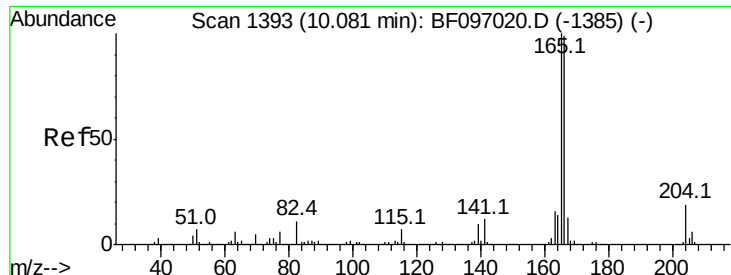
Tot Ion:139 Resp: 125562
Ion Ratio Lower Upper
139 100
109 56.4 34.1 74.1
65 104.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 34.385 ng
RT: 9.72 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:165 Resp: 120968
Ion Ratio Lower Upper
165 100
63 81.4 25.4 38.0#
89 85.0 46.4 69.6#
182 1.9 1.8 2.6

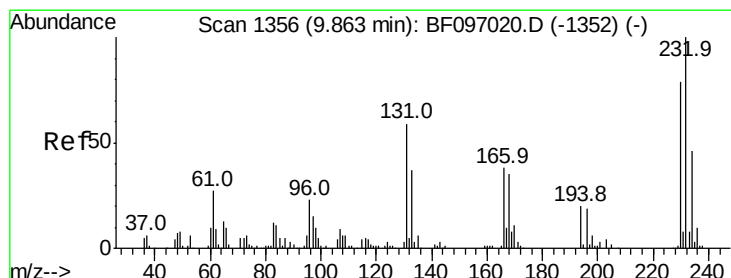
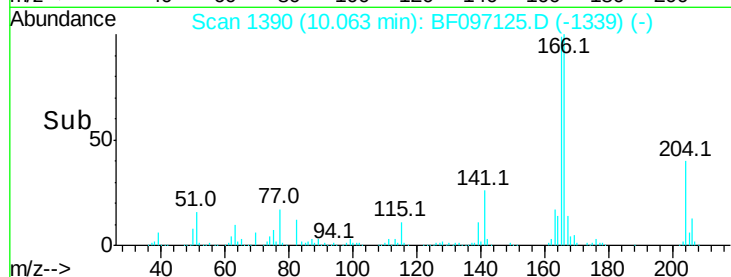
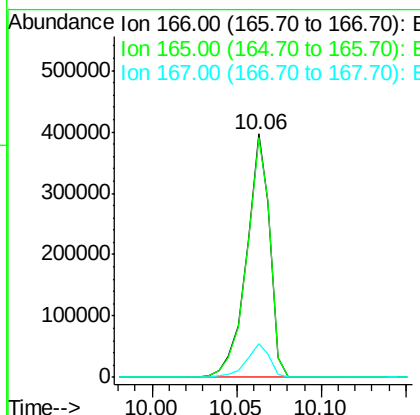
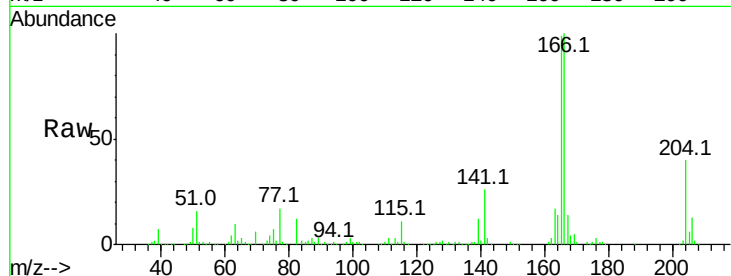




#57
 Fluorene
 Concen: 35.112 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

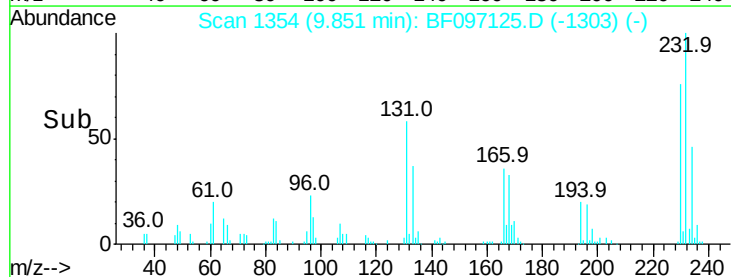
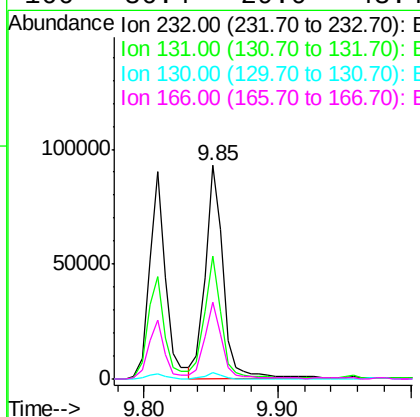
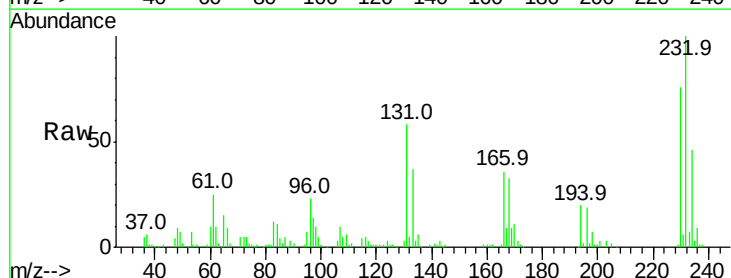
Instrument :
 BNA_F
 ClientSampleID :
 PB101001BS

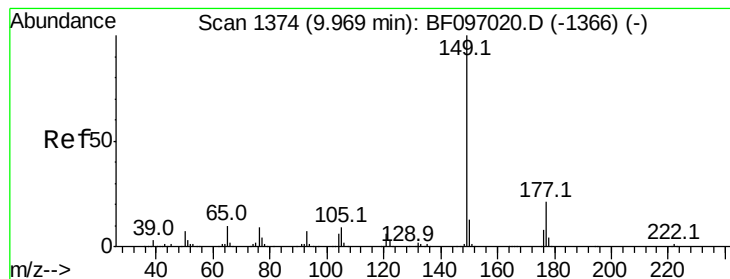
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.8	118.2
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.965 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.3	44.8	67.2
130	2.5	2.3	3.5
166	36.4	29.0	43.4





#59

Diethylphthalate

Concen: 34.320 ng

RT: 9.95 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

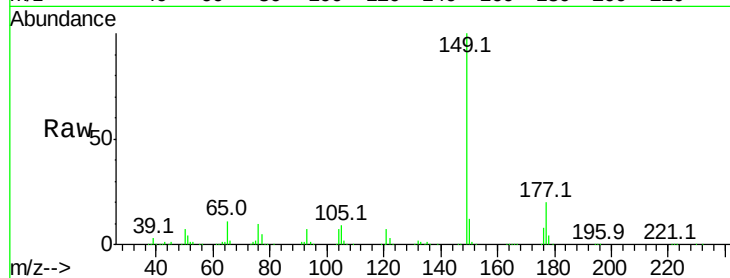
Tot Ion:149 Resp: 454318

Ion Ratio Lower Upper

149 100

177 20.1 16.7 25.1

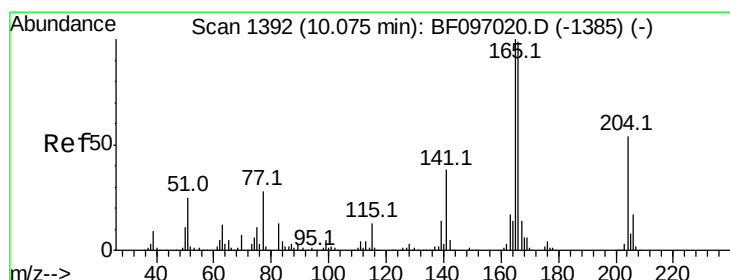
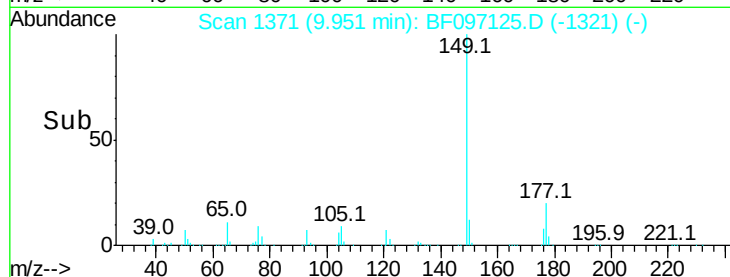
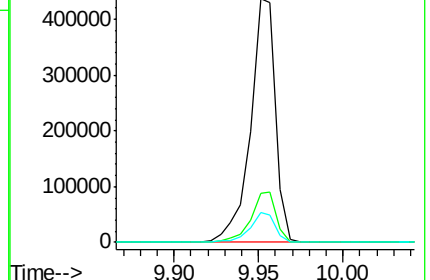
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.928 ng

RT: 10.06 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

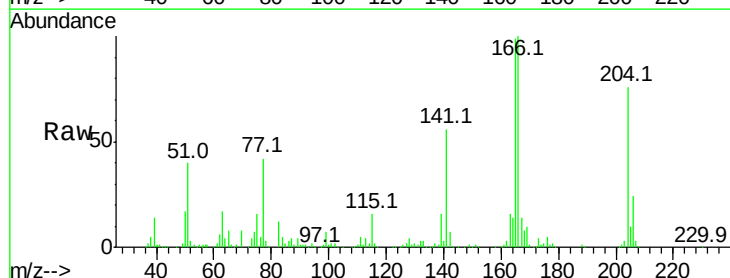
Tgt Ion:204 Resp: 160379

Ion Ratio Lower Upper

204 100

206 31.0 26.2 39.2

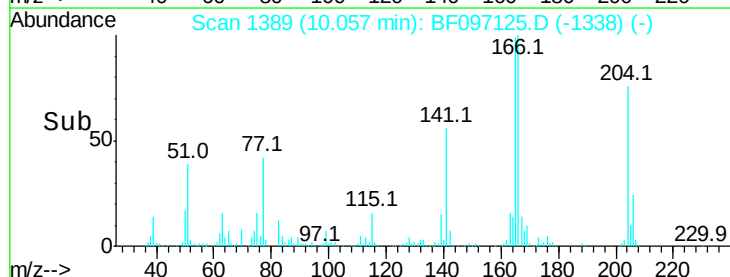
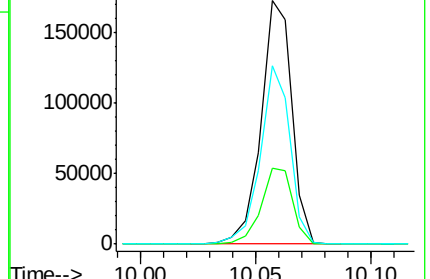
141 73.5 60.8 91.2

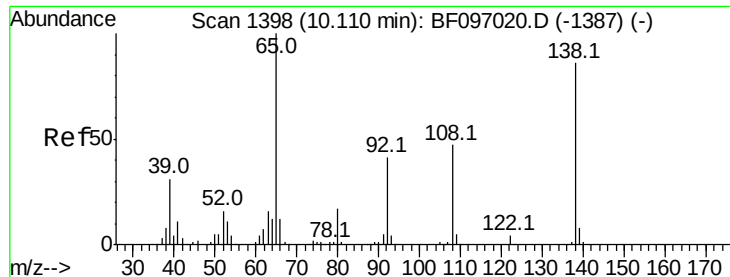


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

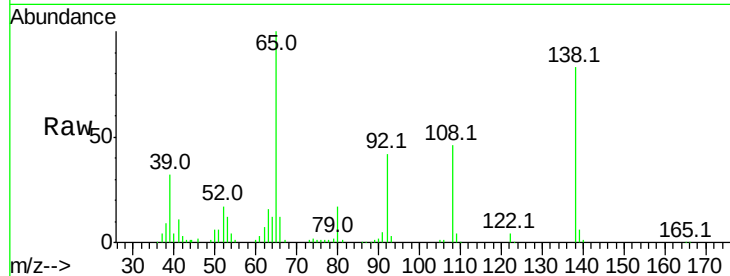




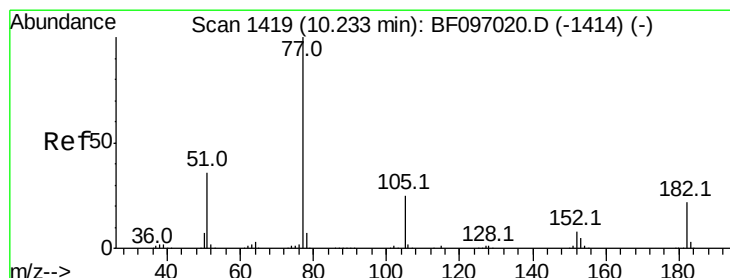
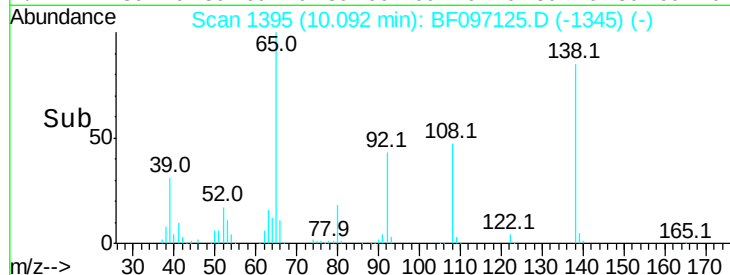
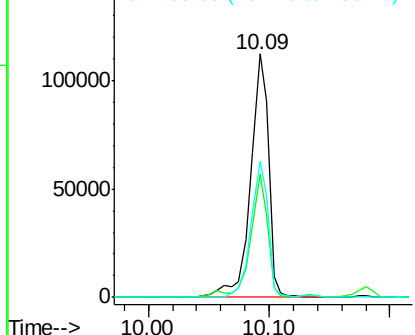
#61
4-Nitroaniline
Concen: 32.732 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion:138 Resp: 118141
Ion Ratio Lower Upper
138 100
92 50.8 21.8 61.8
108 55.9 42.3 82.3

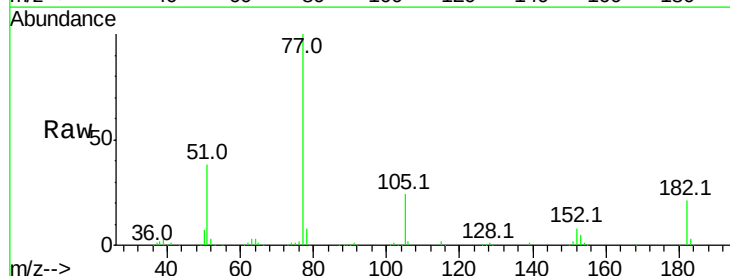


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

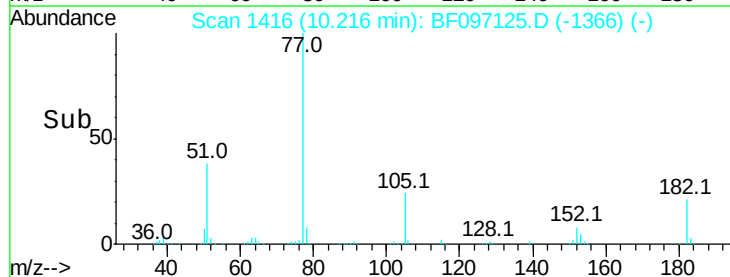
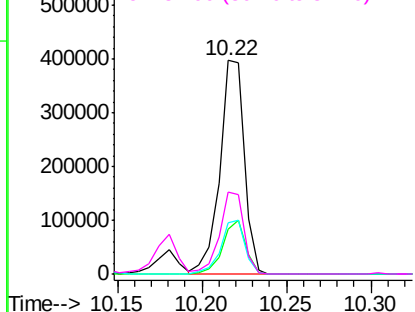


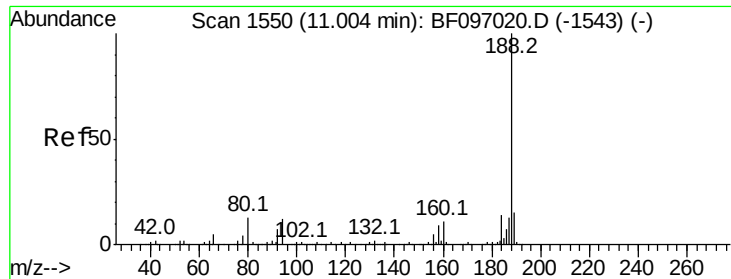
#62
Azobenzene
Concen: 32.761 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion: 77 Resp: 402320
Ion Ratio Lower Upper
77 100
182 20.7 0.1 40.1
105 23.7 3.6 43.6
51 38.1 9.4 49.4



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

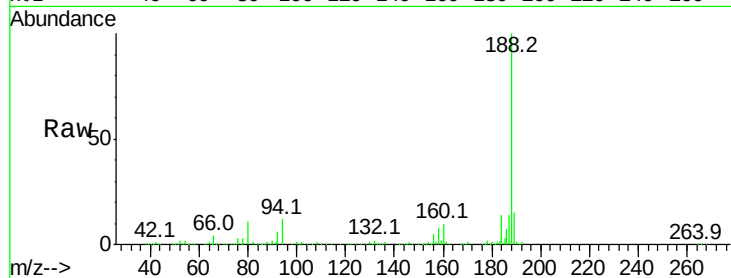




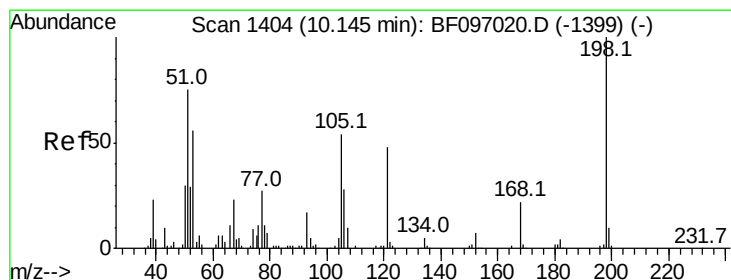
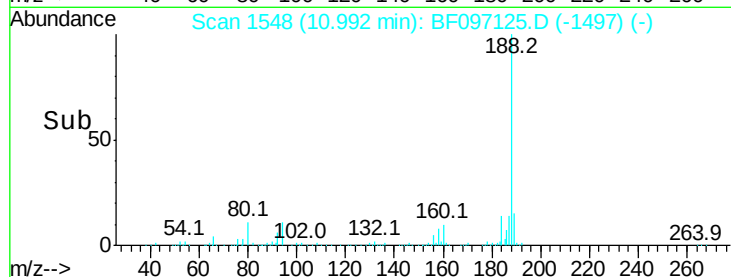
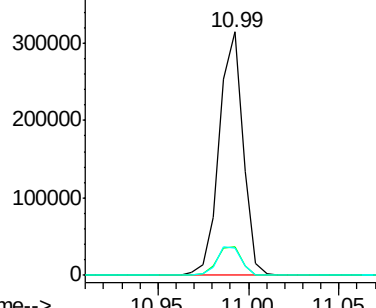
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion:188 Resp: 287443
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.4 10.2 15.2

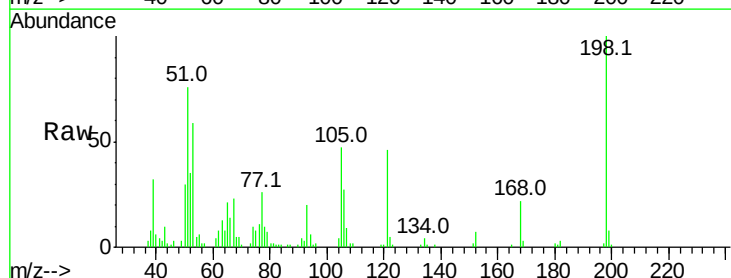


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

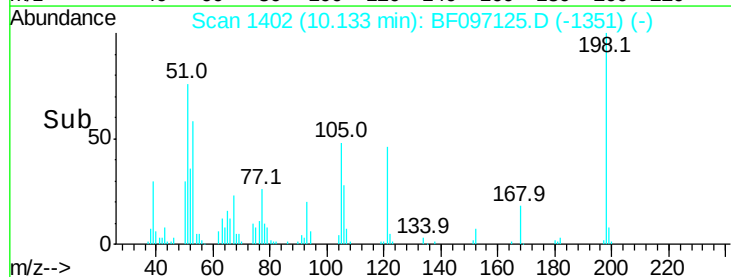
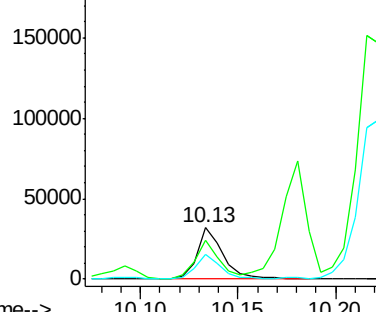


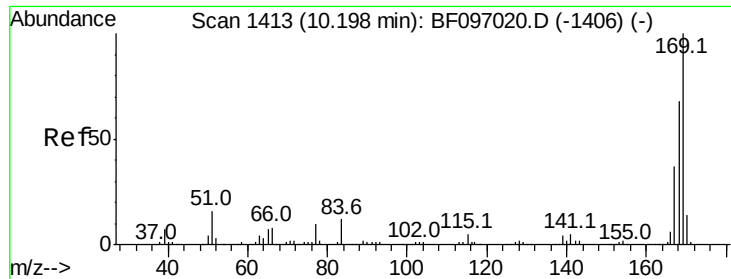
#64
4,6-Dinitro-2-methylphenol
Concen: 16.188 ng
RT: 10.13 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:198 Resp: 28915
Ion Ratio Lower Upper
198 100
51 76.1 53.2 93.2
105 47.5 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

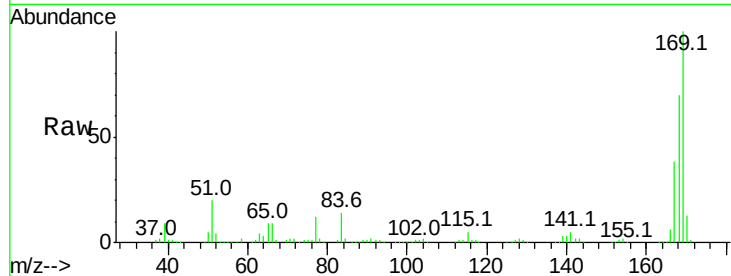




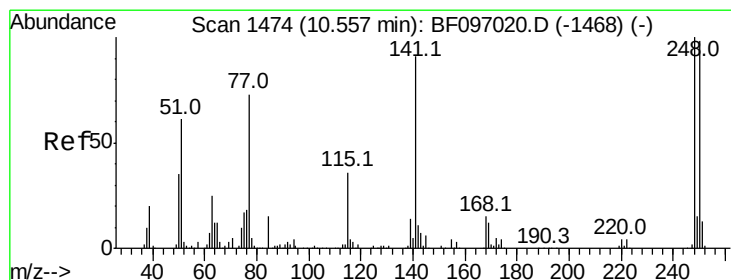
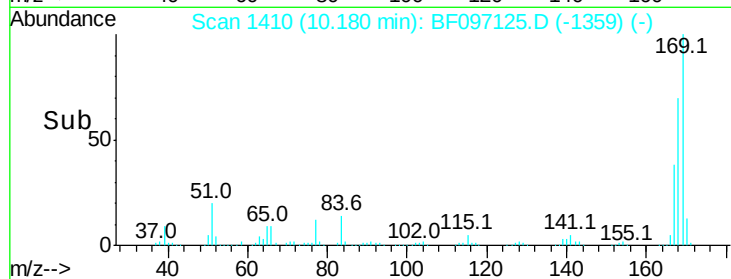
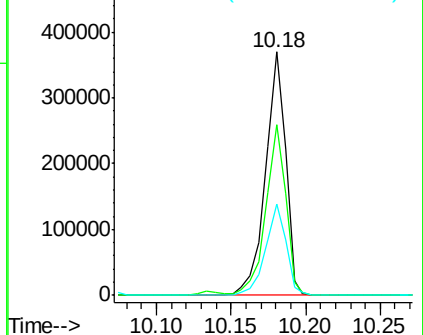
#65
 n-Nitrosodiphenylamine
 Concen: 34.198 ng
 RT: 10.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion:169 Resp: 342021
 Ion Ratio Lower Upper
 169 100
 168 70.2 53.2 79.8
 167 37.6 29.5 44.3

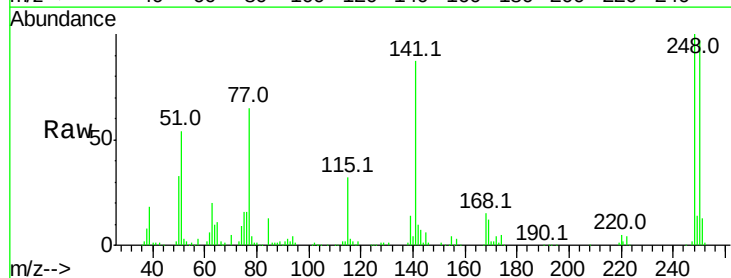


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

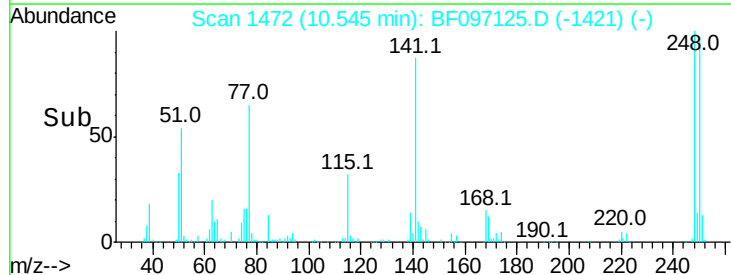
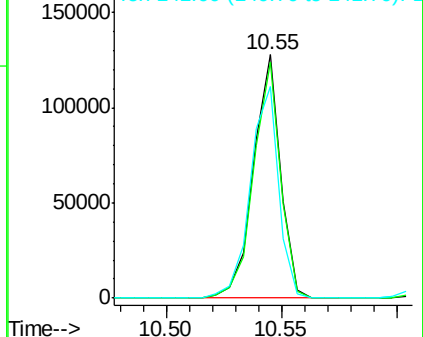


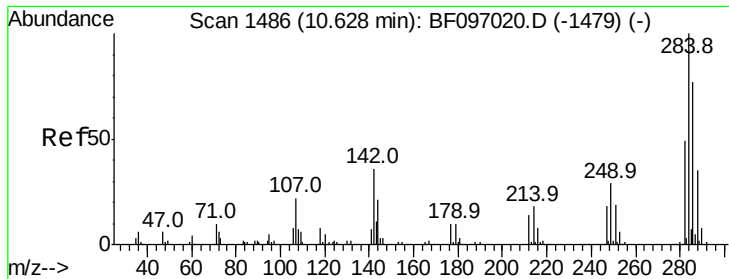
#66
 4-Bromophenyl-phenylether
 Concen: 36.576 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:248 Resp: 104922
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.8 115.2
 141 87.1 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: 31.402 ng

RT: 10.62 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

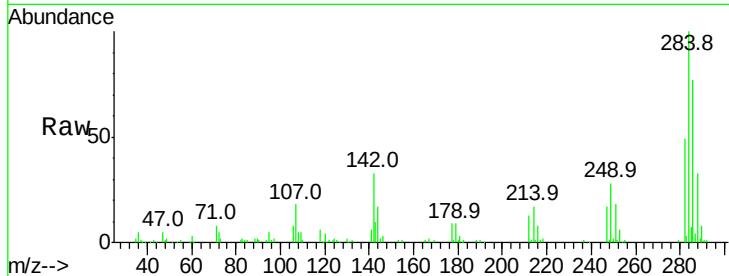
Tot Ion:284 Resp: 101015

Ion Ratio Lower Upper

284 100

142 32.7 22.8 34.2

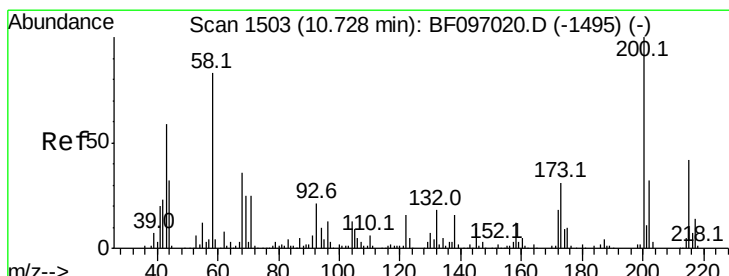
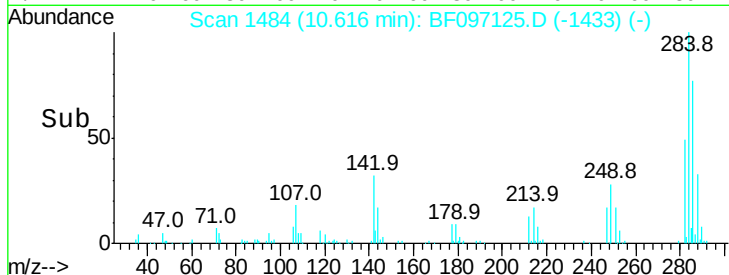
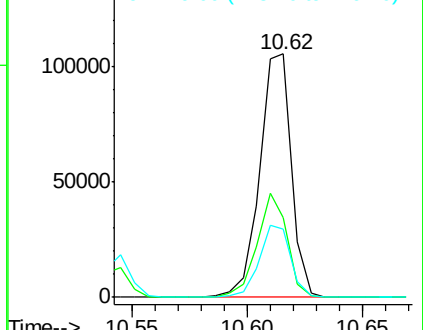
249 28.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.837 ng

RT: 10.72 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

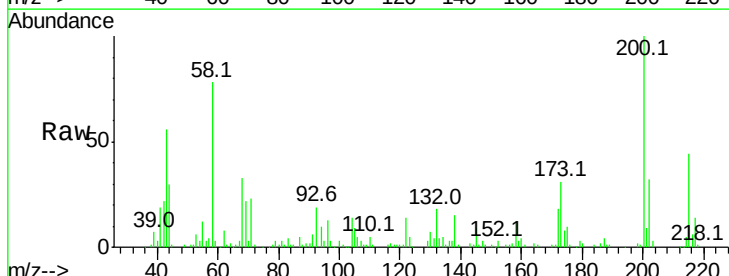
Tgt Ion:200 Resp: 99908

Ion Ratio Lower Upper

200 100

173 30.5 6.3 46.3

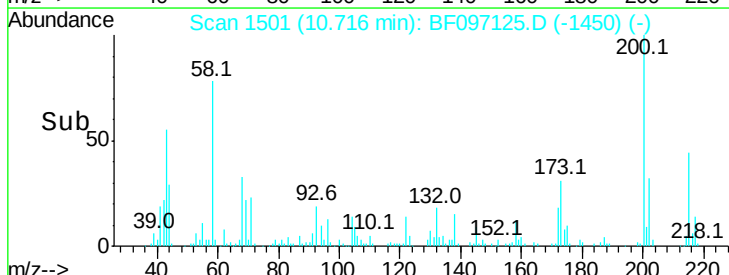
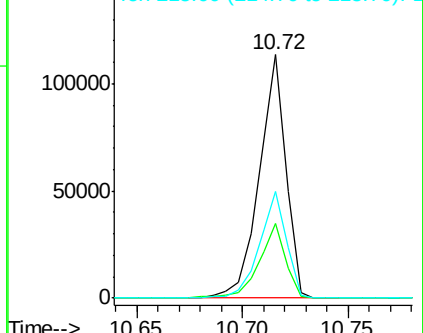
215 43.7 27.2 67.2

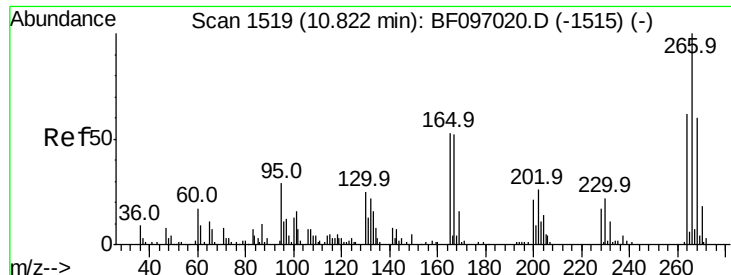


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

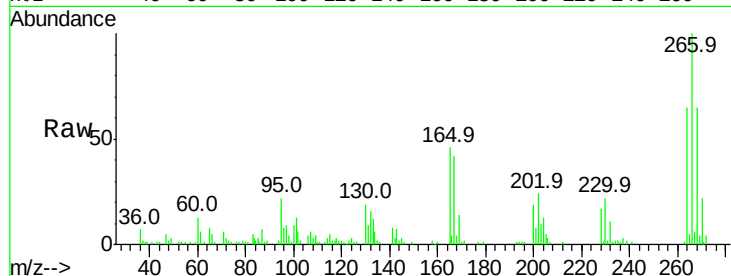




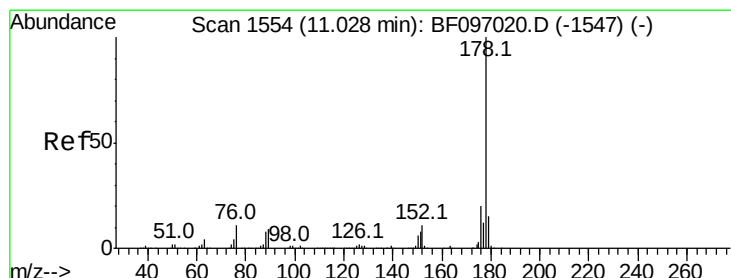
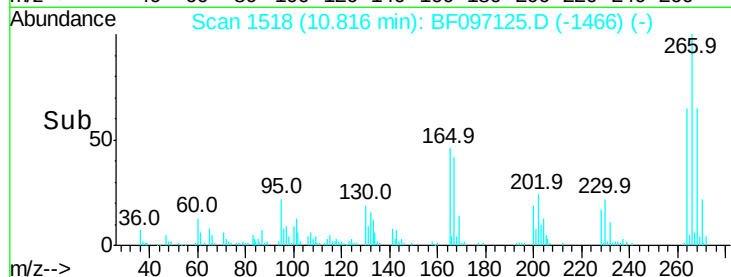
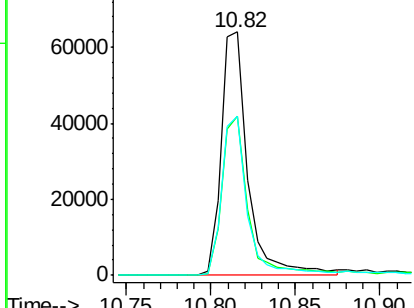
#69
 Pentachlorophenol
 Concen: 52.967 ng
 RT: 10.82 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion:266 Resp: 70498
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 65.3 51.7 77.5

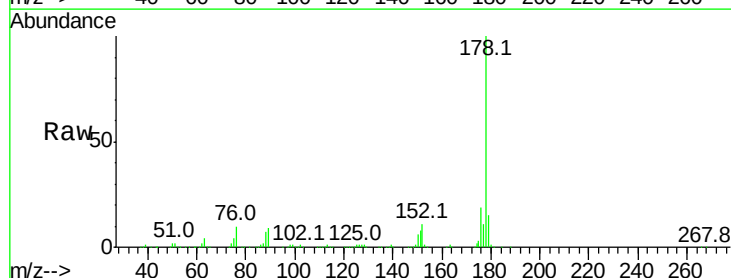


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

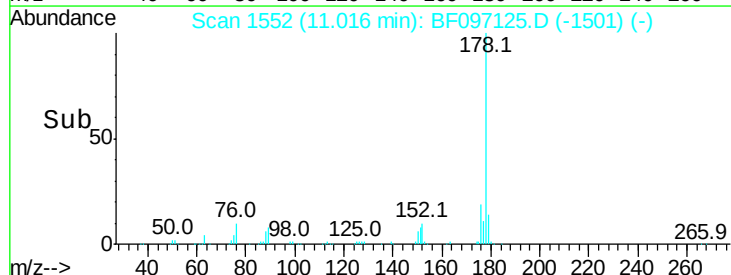
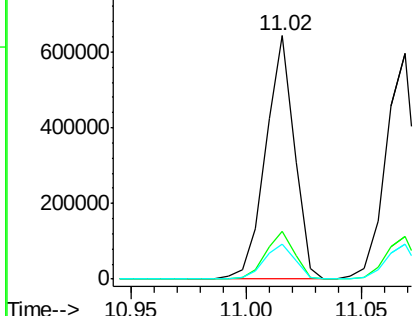


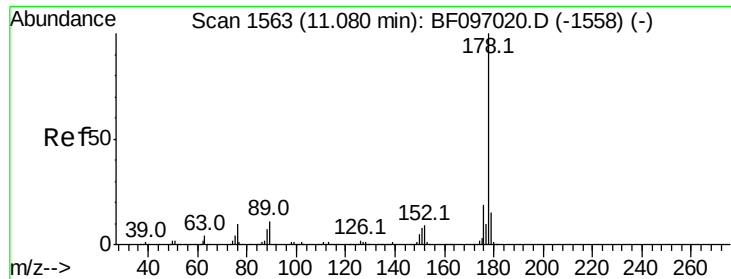
#70
 Phenanthrene
 Concen: 36.045 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion:178 Resp: 555146
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 14.5 12.6 19.0



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





#71

Anthracene

Concen: 33.044 ng

RT: 11.07 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

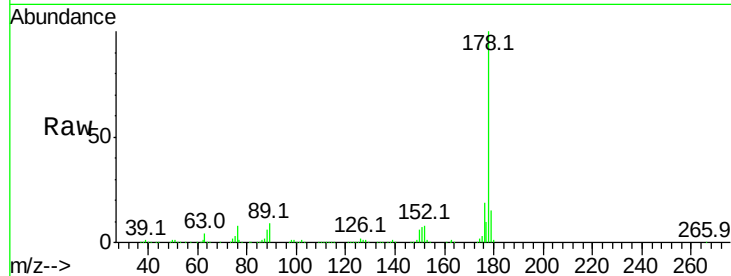
Tot Ion:178 Resp: 521246

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

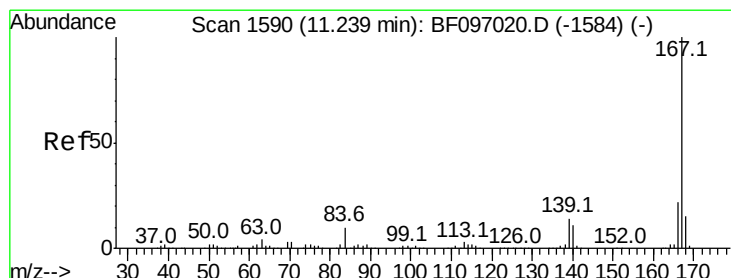
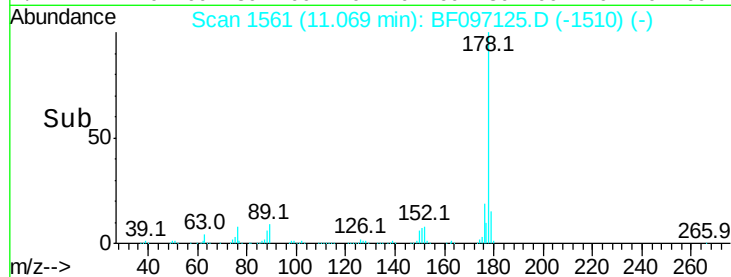
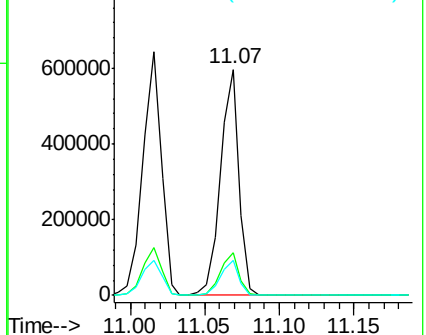
179 15.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.945 ng

RT: 11.23 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

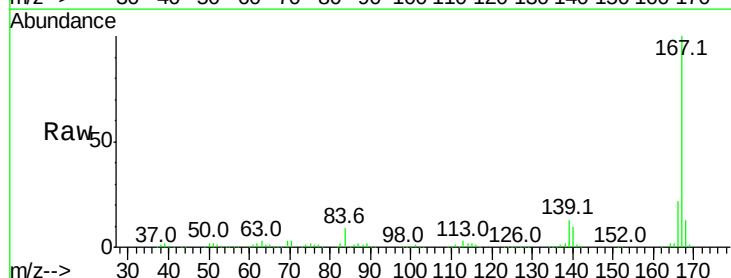
Tgt Ion:167 Resp: 495579

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

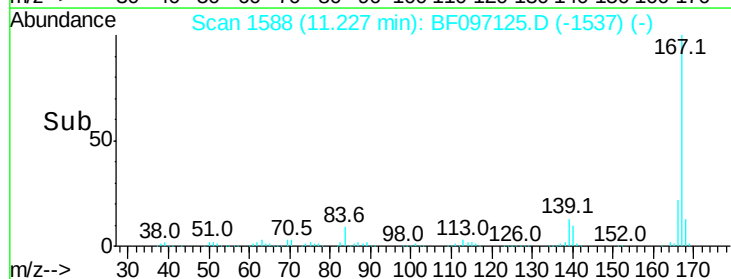
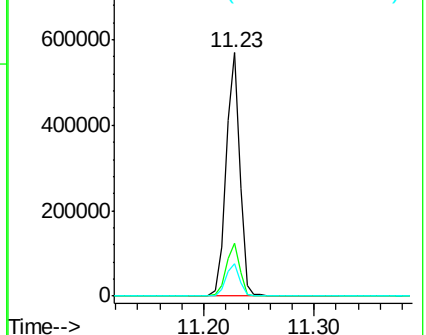
139 13.3 11.7 17.5

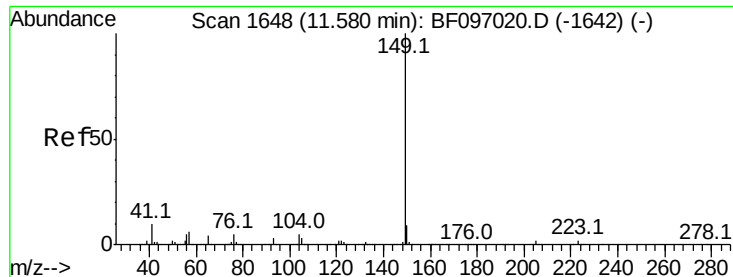


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.526 ng

RT: 11.57 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

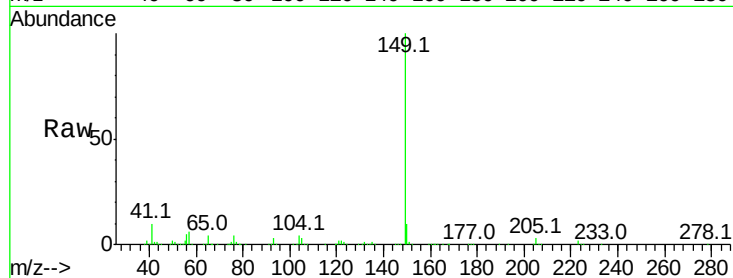
Tot Ion:149 Resp: 662084

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

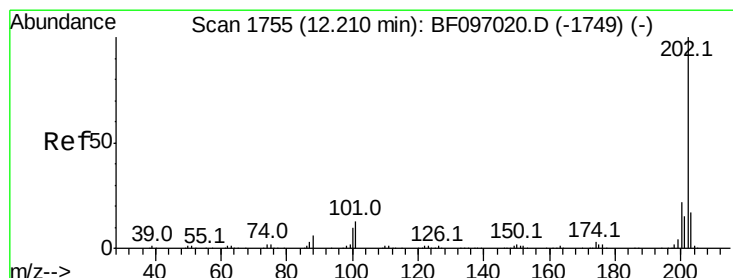
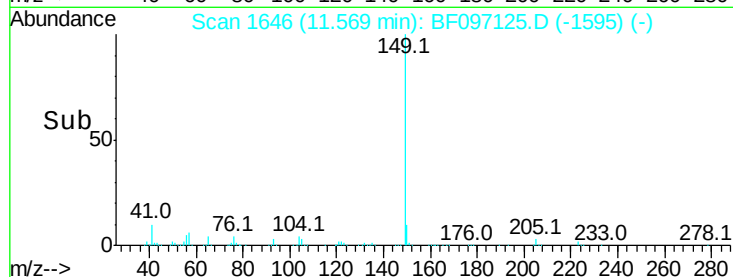
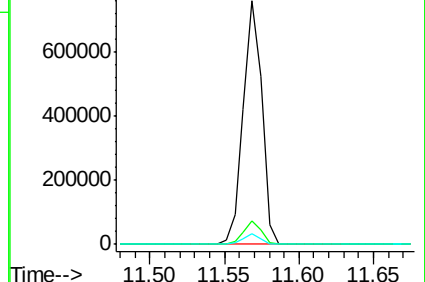
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.769 ng

RT: 12.20 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

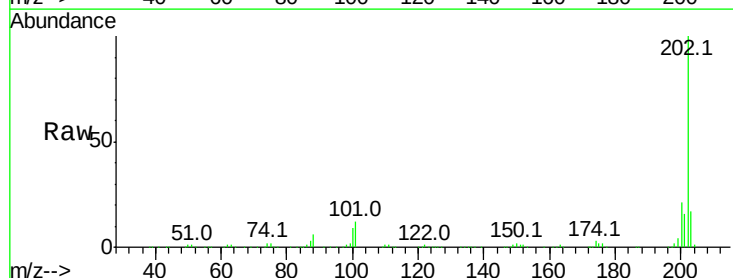
Tgt Ion:202 Resp: 479333

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.2

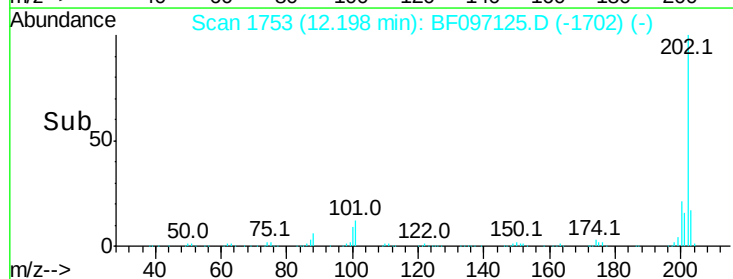
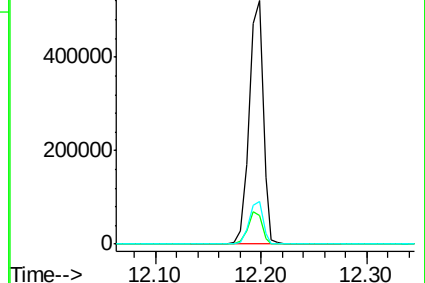
203 17.4 0.0 38.1

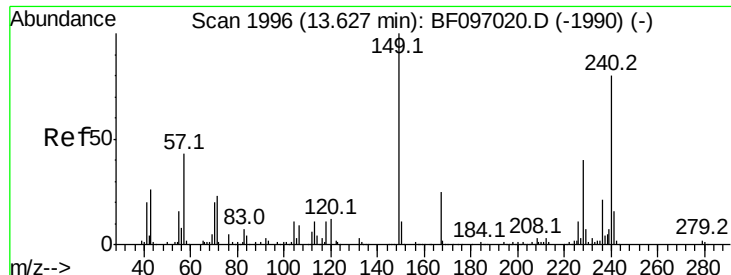


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

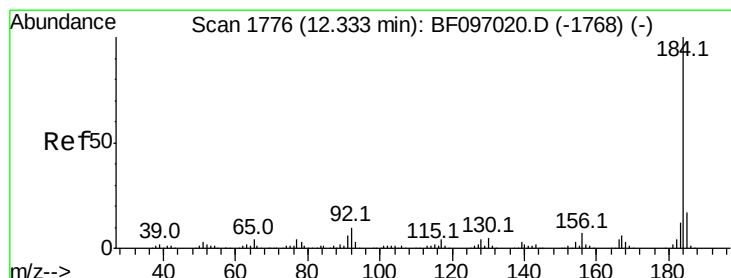
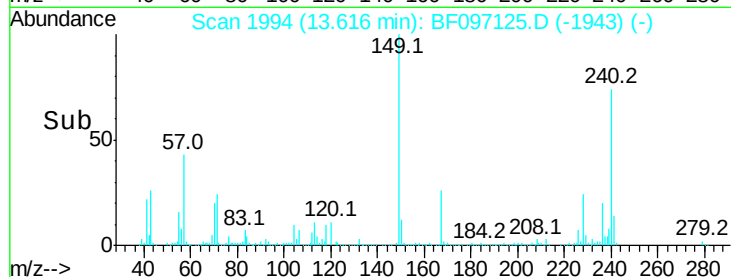
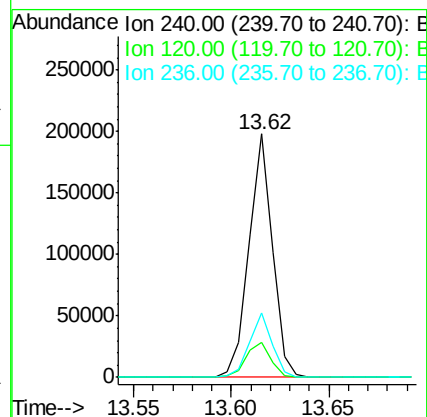
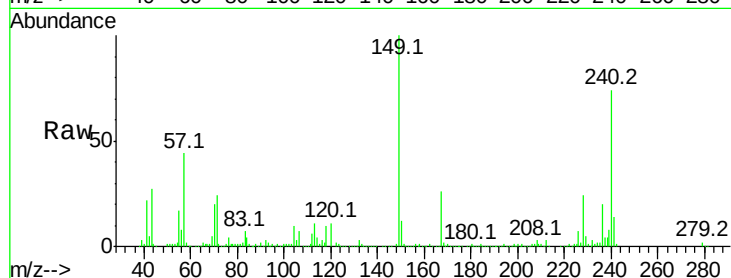
Tot Ion:240 Resp: 165287

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

236 26.6 20.5 30.7



#76

Benzidine

Concen: 32.560 ng

RT: 12.32 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

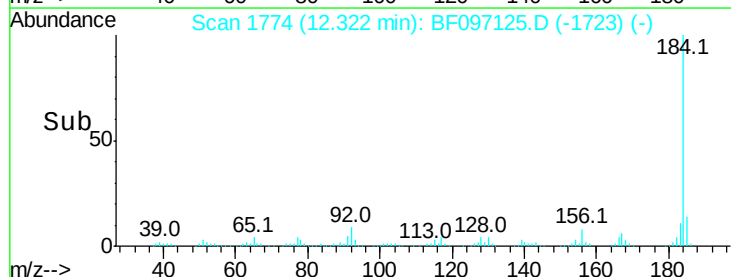
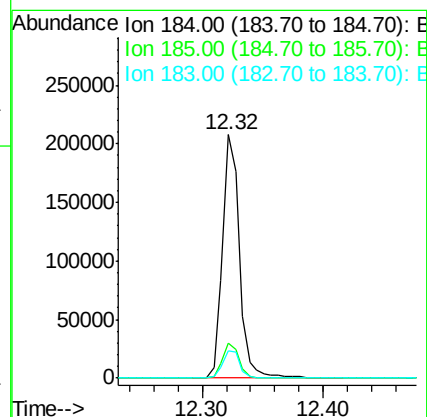
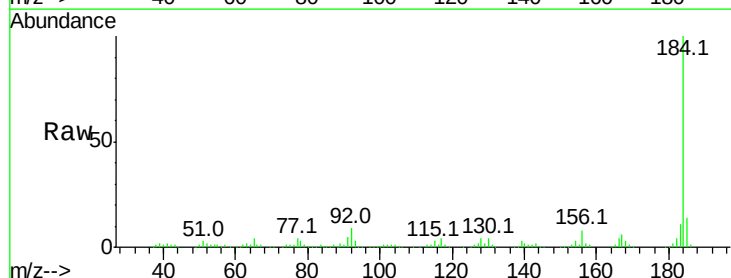
Tgt Ion:184 Resp: 199689

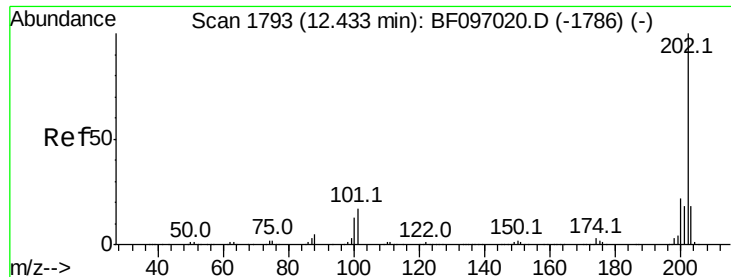
Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

183 11.2 9.8 14.6





#77

Pvrene

Concen: 35.712 ng

RT: 12.42 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

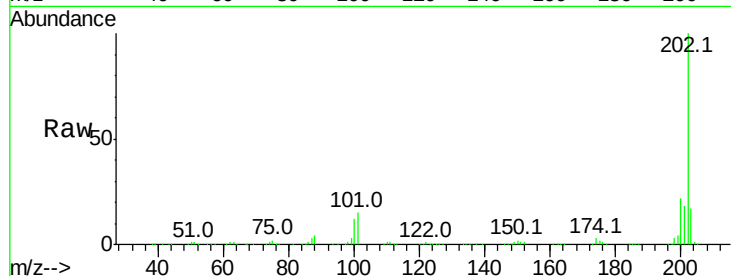
Tot Ion:202 Resp: 483233

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

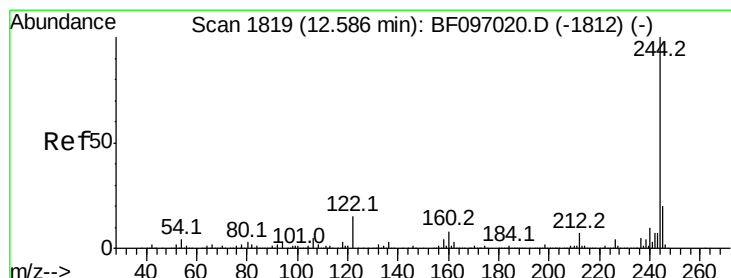
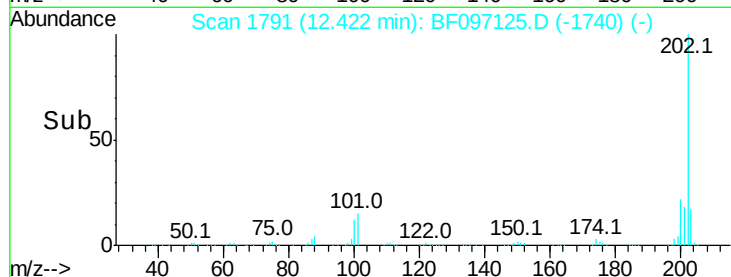
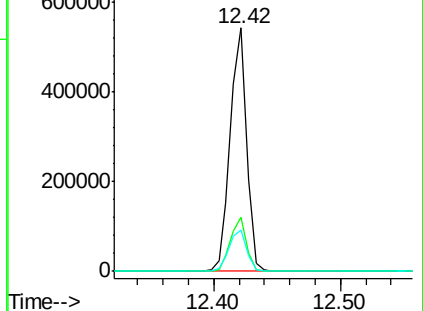
203 17.1 14.4 21.6



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: 68.204 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

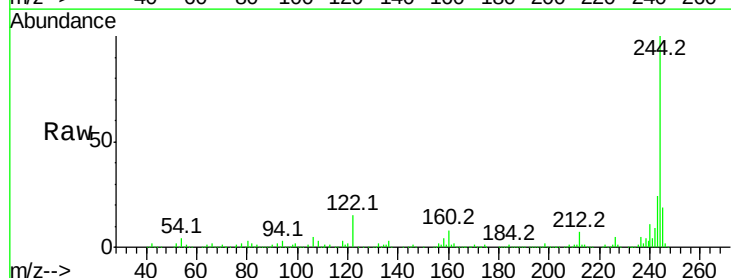
Tgt Ion:244 Resp: 552918

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

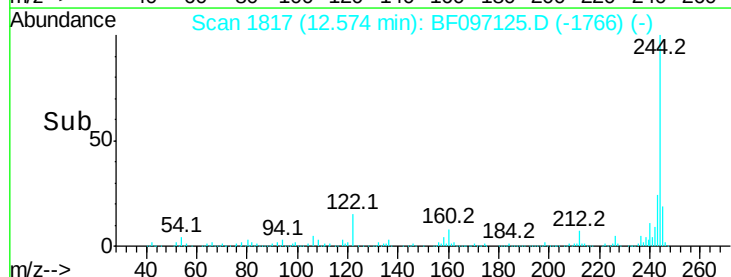
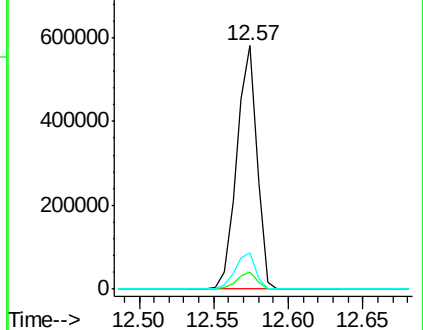
122 15.1 10.3 15.5

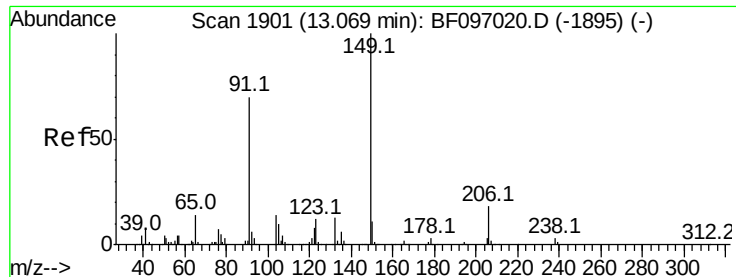


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

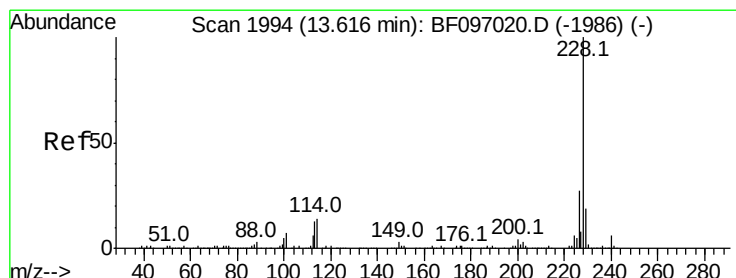
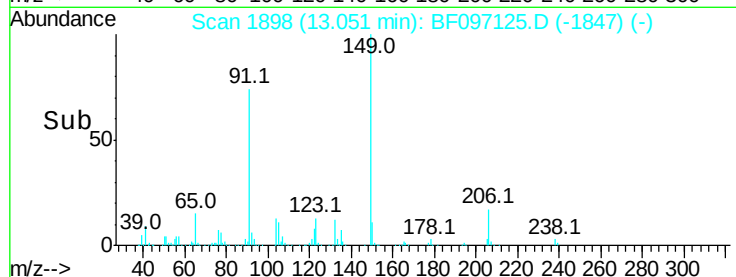
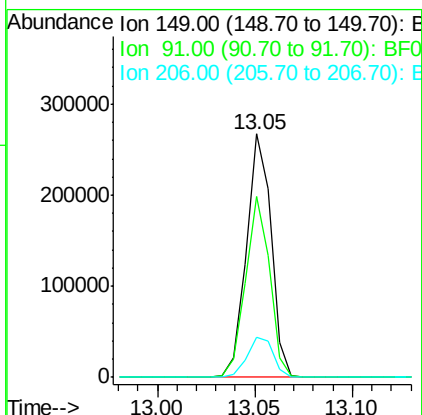
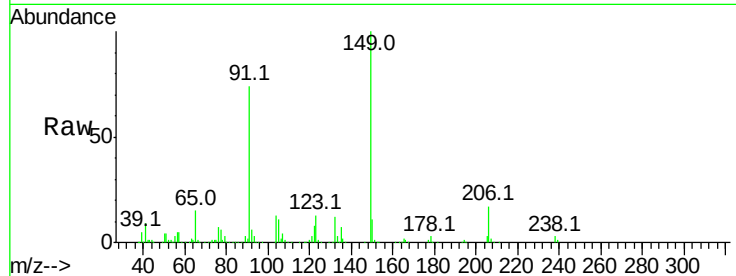




#79
Butylbenzylphthalate
Concen: 34.097 ng
RT: 13.05 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

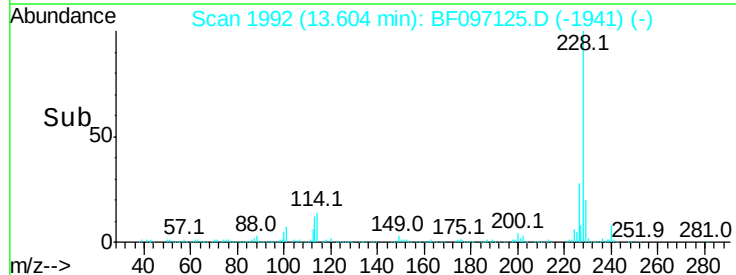
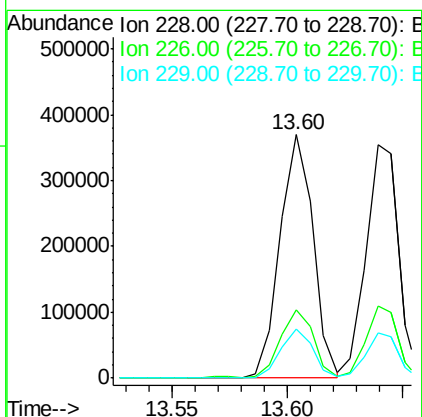
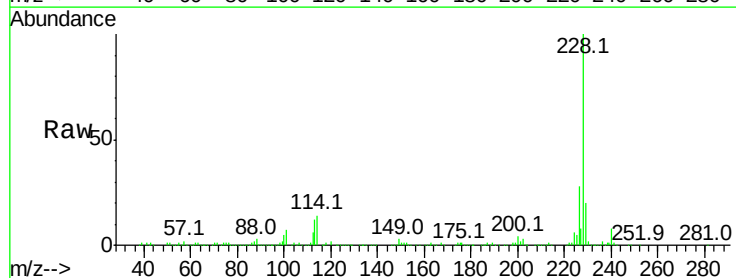
Instrument :
BNA_F
ClientSampleId :
PB101001BS

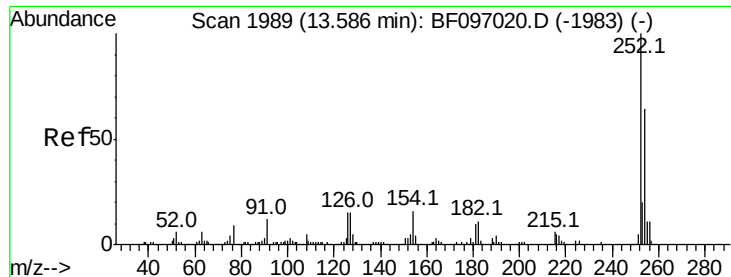
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	45.0	67.4#
206	16.5	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 34.283 ng
RT: 13.60 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	16.3	24.5

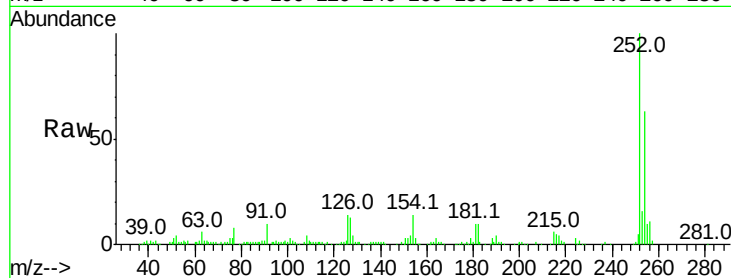




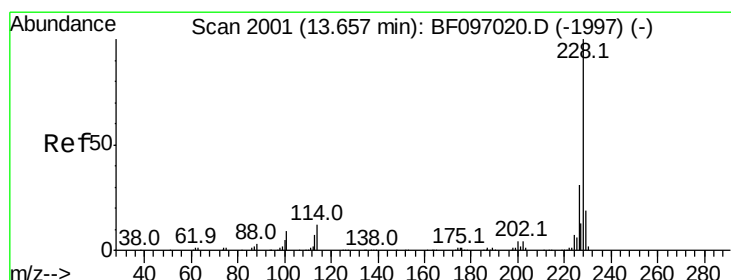
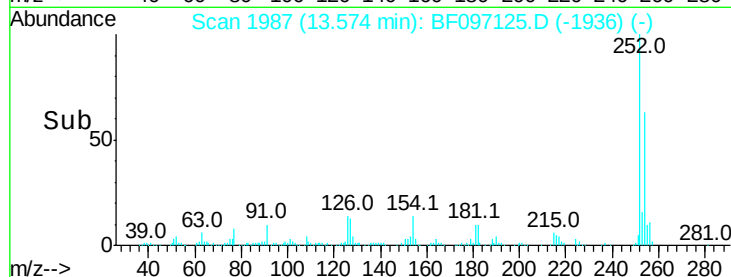
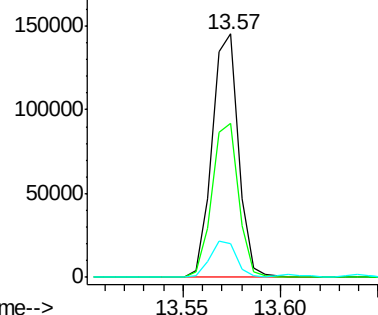
#81
 3,3'-Dichlorobenzidine
 Concen: 33.835 ng
 RT: 13.57 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101001BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	13.8	15.8	23.8#

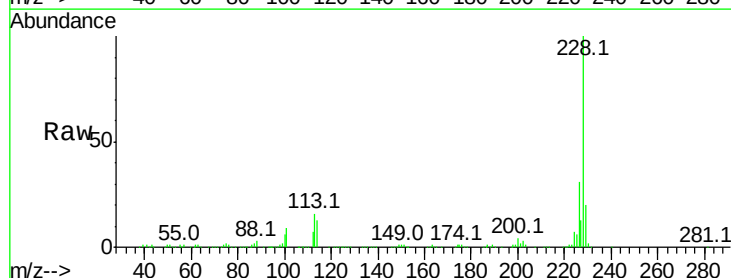


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

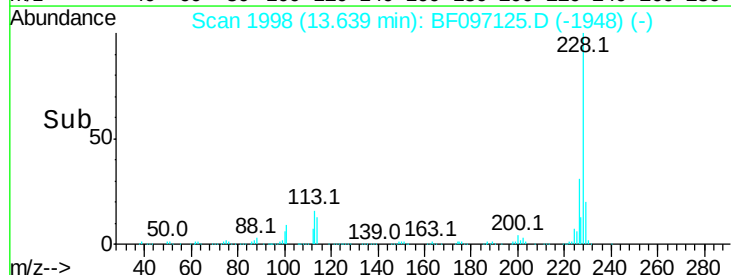
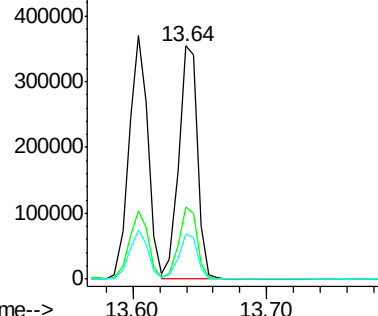


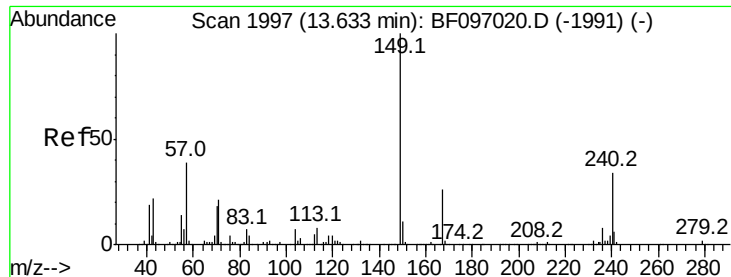
#82
 Chrysene
 Concen: 33.275 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF097125.D
 Acq: 27 Jul 2017 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.6	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.317 ng

RT: 13.62 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

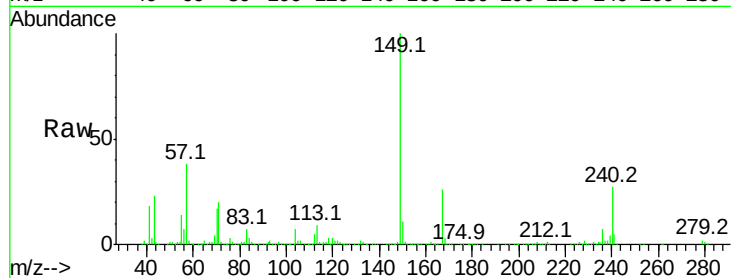
Tot Ion:149 Resp: 326379

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

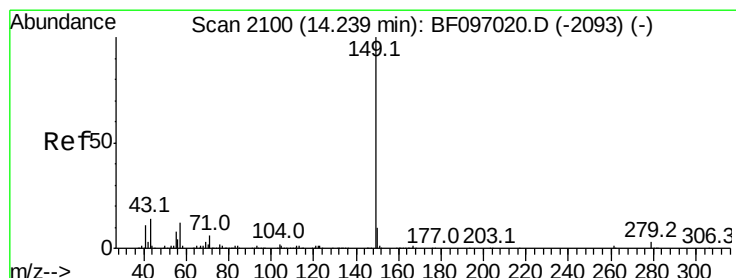
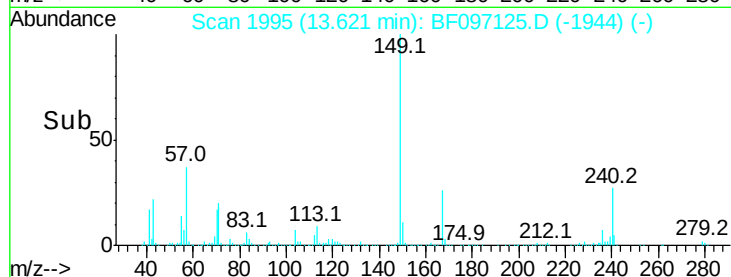
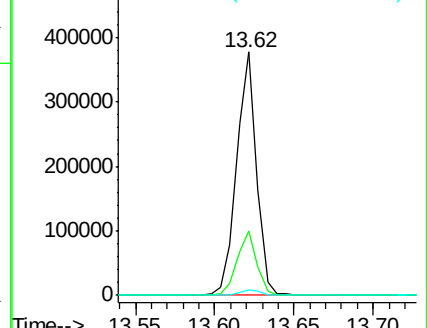
279 2.4 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.216 ng

RT: 14.23 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

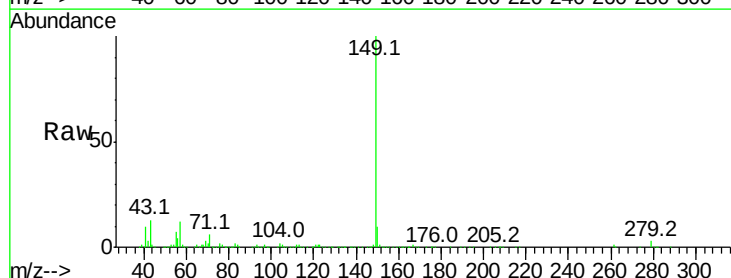
Tgt Ion:149 Resp: 514817

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

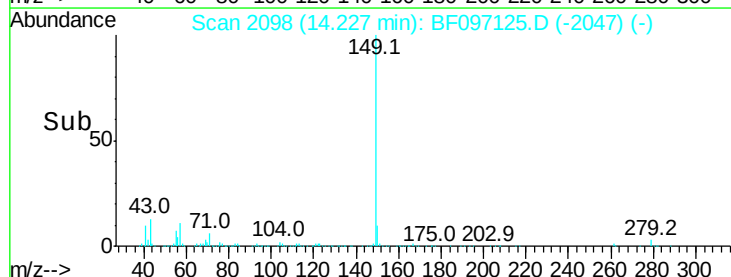
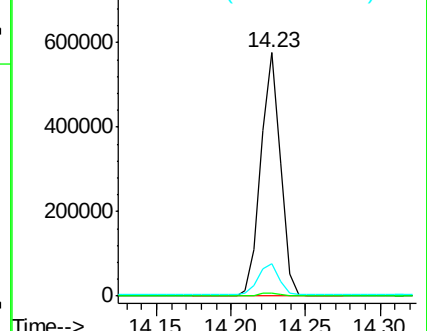
43 13.1 8.5 12.7#

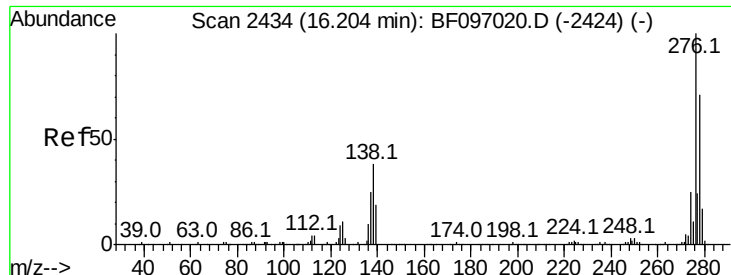


Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.760 ng

RT: 16.19 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

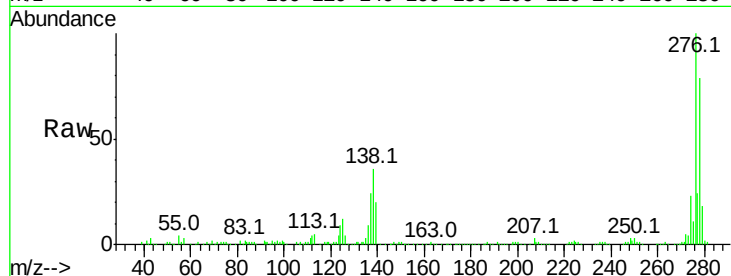
Tot Ion:276 Resp: 293355

Ion Ratio Lower Upper

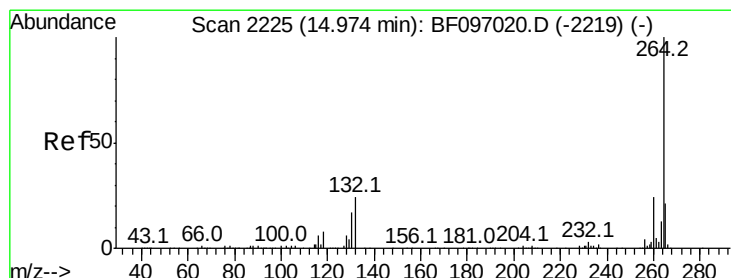
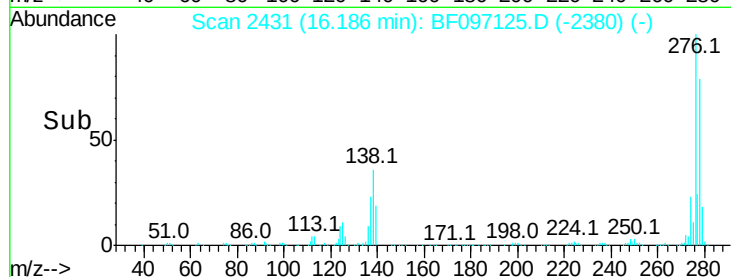
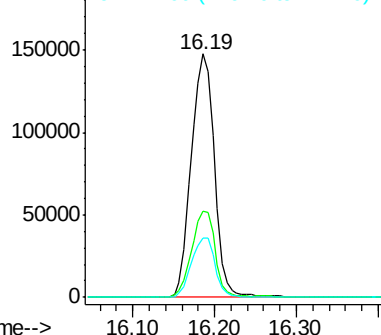
276 100

138 35.9 27.8 41.6

277 24.7 20.2 30.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

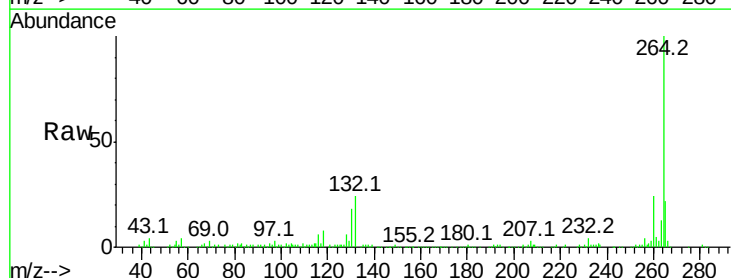
Tgt Ion:264 Resp: 154184

Ion Ratio Lower Upper

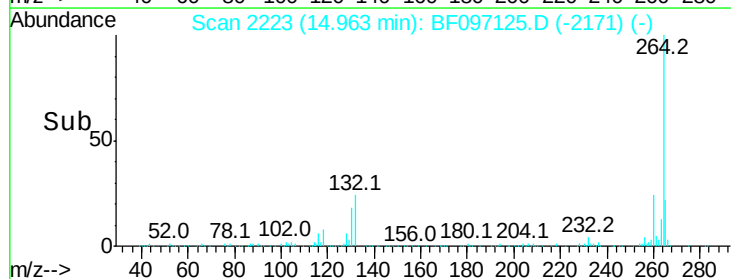
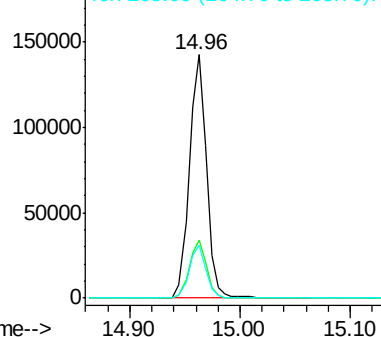
264 100

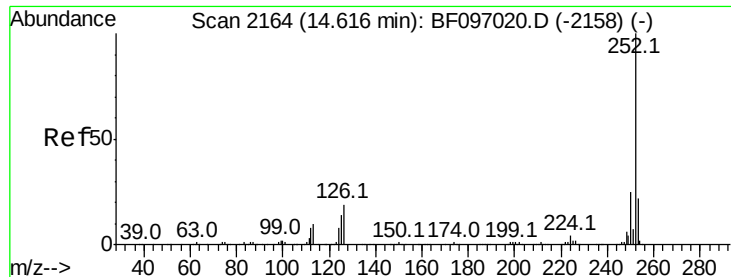
260 24.0 19.5 29.3

265 22.0 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

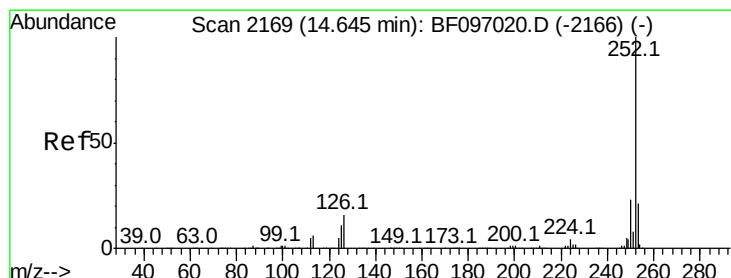
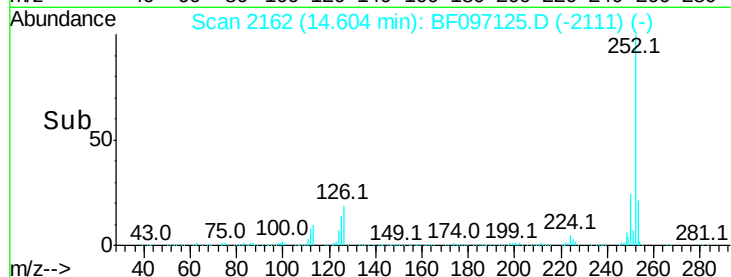
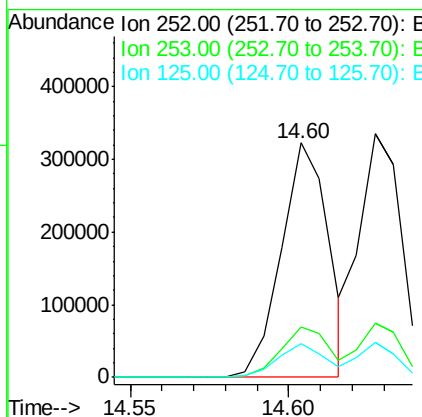
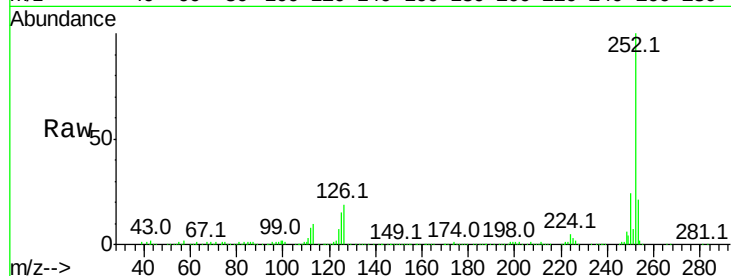




#87
Benzo(b)fluoranthene
Concen: 36.201 ng
RT: 14.60 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

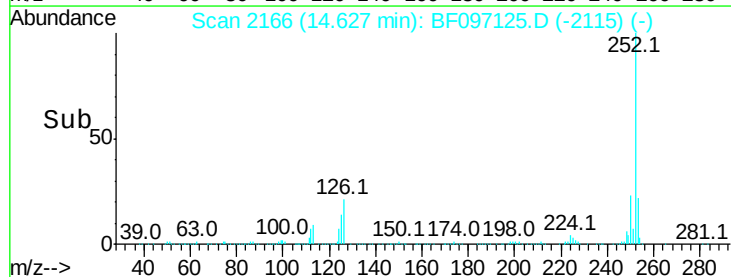
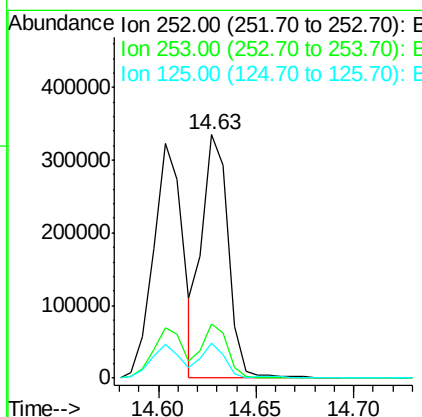
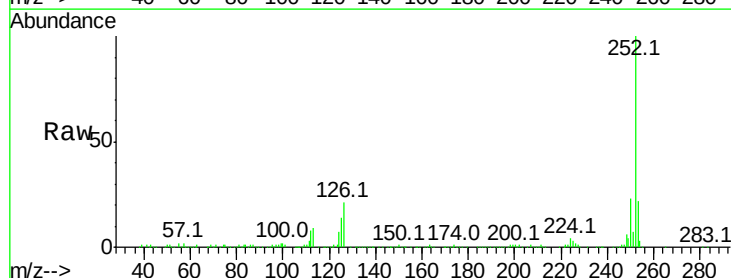
Instrument :
BNA_F
ClientSampleId :
PB101001BS

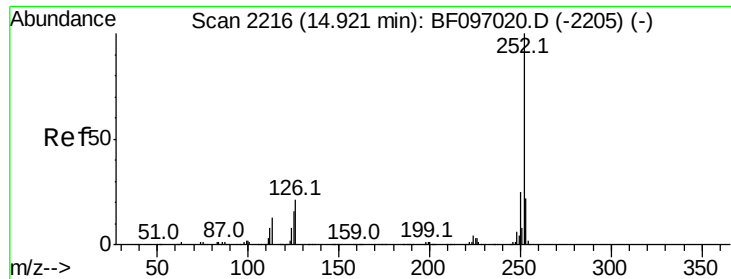
Tot Ion:252 Resp: 335520
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 14.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 35.525 ng
RT: 14.63 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:252 Resp: 313758
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.3 13.1 19.7

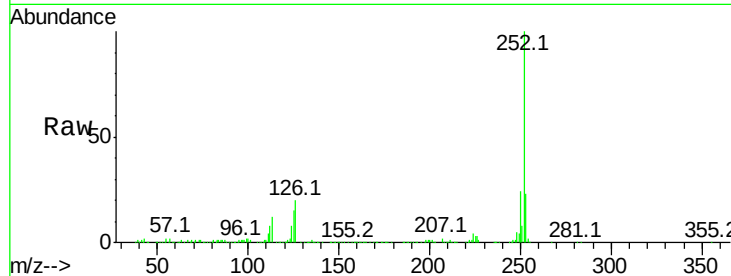




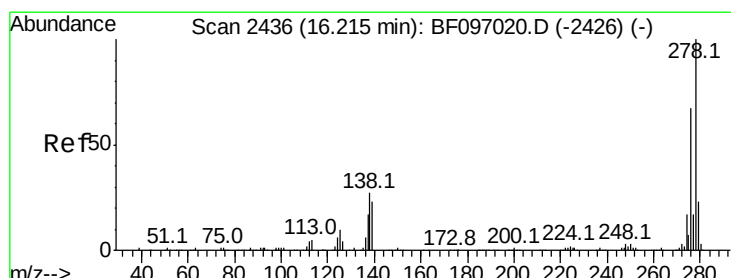
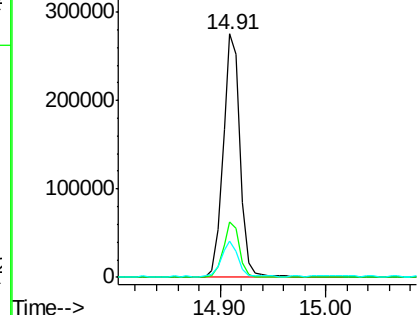
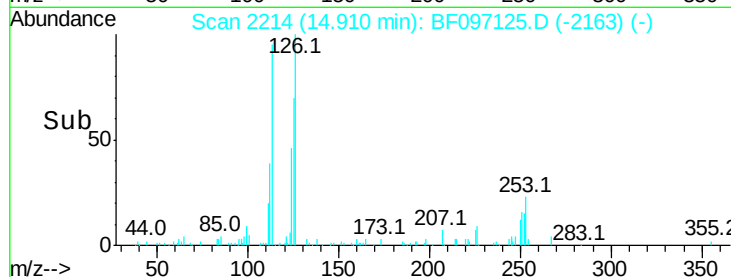
#89
Benzo(a)pyrene
Concen: 36.561 ng
RT: 14.91 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB101001BS

Tot Ion:252 Resp: 310128
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 15.1 11.0 16.4

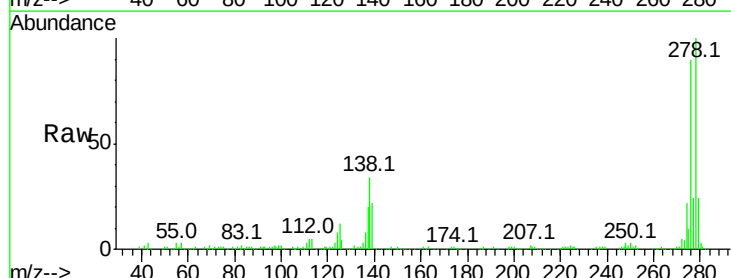


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

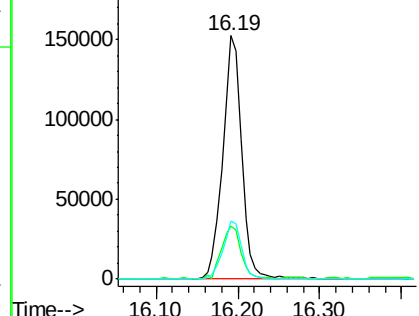
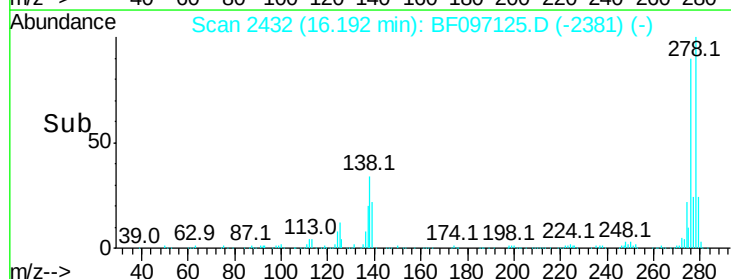


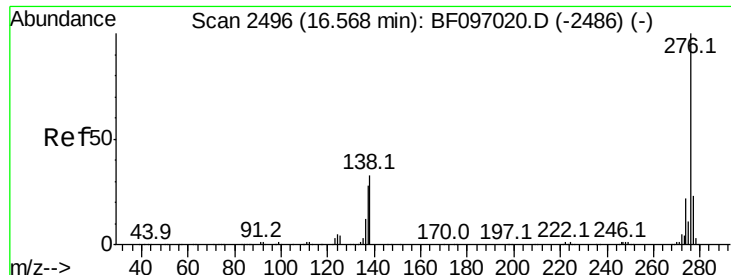
#90
Dibenzo(a,h)anthracene
Concen: 35.621 ng
RT: 16.19 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BF097125.D
Acq: 27 Jul 2017 16:28

Tgt Ion:278 Resp: 247782
Ion Ratio Lower Upper
278 100
139 21.9 16.6 24.8
279 23.6 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: 33.538 ng

RT: 16.55 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF097125.D

Acq: 27 Jul 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB101001BS

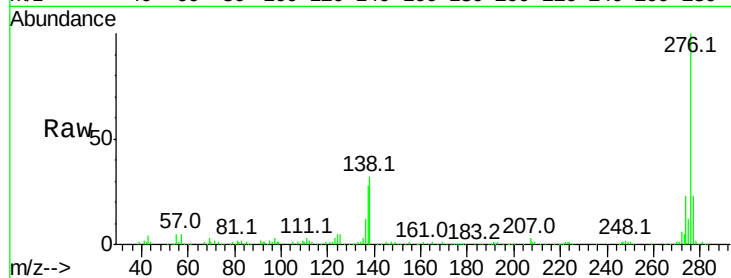
Tot Ion:276 Resp: 244652

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 31.8 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

