

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097005.D
 Acq On : 25 Jul 2017 00:32
 Operator : SJ/JU
 Sample : I4399-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Quant Time: Jul 25 01:47:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	112541	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	493837	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	216094	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	366087	20.00	ng	-0.03
75) Chrysene-d12	13.64	240	196716	20.00	ng	-0.04
86) Perylene-d12	14.99	264	180044	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	981132	131.08	ng	-0.02
7) Phenol-d6	6.19	99	1325802	147.61	ng	-0.02
23) Nitrobenzene-d5	7.09	82	878447	110.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	279714	151.64	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1374257	100.48	ng	-0.03
78) Terphenyl-d14	12.61	244	1100061	96.98	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	86628	22.49	ng	# 74
3) Pyridine	2.72	79	280530	34.66	ng	# 69
4) n-Nitrosodimethylamine	2.66	42	189878	41.95	ng	# 84
6) Aniline	6.18	93	372251	33.65	ng	# 76
8) 2-Chlorophenol	6.31	128	337086	41.75	ng	# 94
9) Benzaldehyde	6.06	77	113200	21.80	ng	# 98
10) Phenol	6.20	94	457096	45.02	ng	# 97
11) bis(2-Chloroethyl)ether	6.26	93	336650	44.09	ng	# 91
12) 1,3-Dichlorobenzene	6.46	146	294322	34.29	ng	# 99
13) 1,4-Dichlorobenzene	6.53	146	304102	34.99	ng	# 96
14) 1,2-Dichlorobenzene	6.69	146	278936	35.28	ng	# 97
15) Benzyl Alcohol	6.67	79	267623	45.51	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	653523	41.47	ng	# 52
17) 2-Methylphenol	6.80	107	284471	45.30	ng	# 90
18) Hexachloroethane	7.02	117	110594	35.88	ng	# 79
19) n-Nitroso-di-n-propylamine	6.95	70	264528	48.88	ng	# 81
20) 3+4-Methylphenols	6.96	107	400417	52.55	ng	# 64
22) Acetophenone	6.93	105	504389	45.70	ng	# 98
24) Nitrobenzene	7.10	77	371842	45.10	ng	# 96
25) Isophorone	7.35	82	746782	50.35	ng	# 97
26) 2-Nitrophenol	7.42	139	210848	45.99	ng	# 87
27) 2,4-Dimethylphenol	7.48	122	333979	44.28	ng	# 98
28) bis(2-Chloroethoxy)methane	7.56	93	503603	50.25	ng	# 99
29) 2,4-Dichlorophenol	7.67	162	316448	46.35	ng	# 98
30) 1,2,4-Trichlorobenzene	7.75	180	263866	40.65	ng	# 98
31) Naphthalene	7.82	128	1036448	44.30	ng	# 99
32) Benzoic acid	7.57	122	15083	3.13	ng	# 99
33) 4-Chloroaniline	7.88	127	391333	42.22	ng	# 95
34) Hexachlorobutadiene	7.95	225	130114	37.55	ng	# 98
35) Caprolactam	8.26	113	59951	27.40	ng	# 58
36) 4-Chloro-3-methylphenol	8.39	107	365383	49.77	ng	# 89
37) 2-Methylnaphthalene	8.51	142	714036	47.88	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	246542	42.21	ng	# 99
40) Hexachlorocyclopentadiene	8.67	237	168051	76.71	ng	# 99

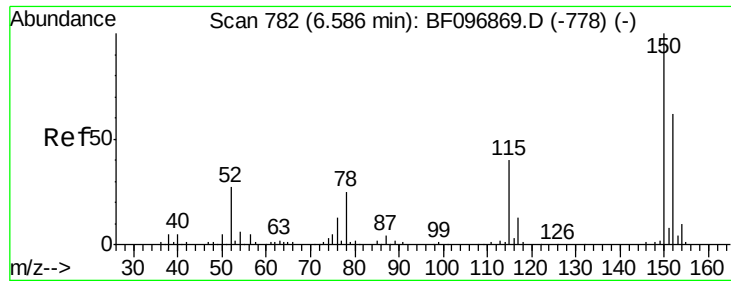
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	187729	43.57	nq	98
43) 2,4,5-Trichlorophenol	8.85	196	200446	46.13	nq	95
45) 1,1'-Biphenyl	8.98	154	791522	42.71	nq	98
46) 2-Chloronaphthalene	9.00	162	612443	44.88	nq	# 93
47) 2-Nitroaniline	9.10	65	257557	54.90	nq	94
48) Acenaphthylene	9.41	152	993564	45.69	nq	99
49) Dimethylphthalate	9.29	163	897610	55.17	nq	99
50) 2,6-Dinitrotoluene	9.35	165	183536	52.08	nq	# 76
51) Acenaphthene	9.58	154	602902	46.94	nq	99
52) 3-Nitroaniline	9.52	138	207289	49.65	nq	94
53) 2,4-Dinitrophenol	9.63	184	56758	36.53	nq	# 75
54) Dibenzofuran	9.75	168	879963	48.89	nq	97
55) 4-Nitrophenol	9.71	139	295923	97.02	nq	# 64
56) 2,4-Dinitrotoluene	9.75	165	221570	48.92	nq	# 50
57) Fluorene	10.09	166	623091	46.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	171789	57.00	nq	99
59) Diethylphthalate	9.99	149	779212	49.19	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	257429	47.42	nq	99
61) 4-Nitroaniline	10.13	138	232751	59.37	nq	93
62) Azobenzene	10.25	77	782116	55.97	nq	92
64) 4,6-Dinitro-2-methylphenol	10.16	198	109242	47.53	nq	92
65) n-Nitrosodiphenylamine	10.22	169	618032	47.23	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	179450	48.01	nq	98
67) Hexachlorobenzene	10.64	284	182902	43.94	nq	# 84
68) Atrazine	10.74	200	189763	50.90	nq	93
69) Pentachlorophenol	10.84	266	154349	76.75	nq	98
70) Phenanthrene	11.04	178	979408	49.20	nq	99
71) Anthracene	11.10	178	973570	48.37	nq	99
72) Carbazole	11.26	167	991006	50.85	nq	99
73) Di-n-butylphthalate	11.60	149	1180384	48.63	nq	99
74) Fluoranthene	12.23	202	949429	49.83	nq	99
76) Benzidine	12.35	184	228085	35.39	nq	# 93
77) Pyrene	12.45	202	956671	53.59	nq	98
79) Butylbenzylphthalate	13.08	149	491600	57.95	nq	# 75
80) Benzo(a)anthracene	13.63	228	675335	55.10	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	202270	45.89	nq	# 96
82) Chrysene	13.67	228	655084	54.29	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	591917	57.30	nq	99
84) Di-n-octyl phthalate	14.26	149	927166	54.30	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.23	276	564431	48.73	nq	98
87) Benzo(b)fluoranthene	14.63	252	561098	51.67	nq	98
88) Benzo(k)fluoranthene	14.66	252	523262	50.89	nq	97
89) Benzo(a)pyrene	14.94	252	496302	49.83	nq	98
90) Dibenzo(a,h)anthracene	16.25	278	460270	50.23	nq	98
91) Benzo(g,h,i)perylene	16.60	276	500465	51.00	nq	99

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

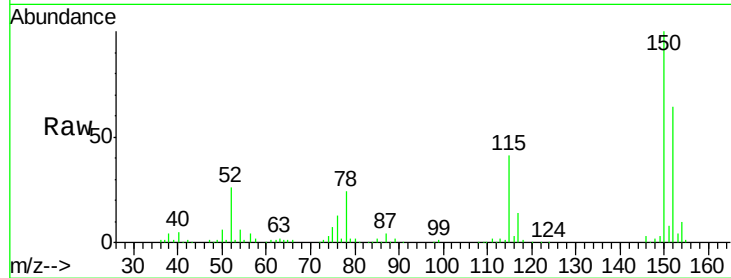


#1

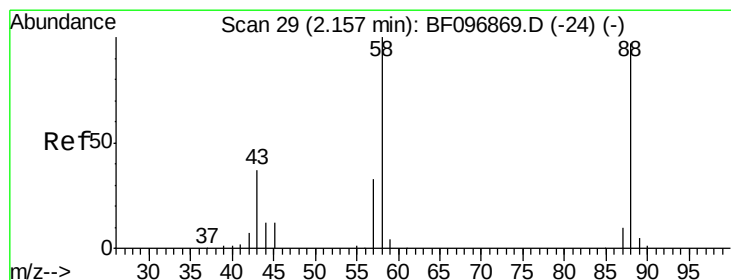
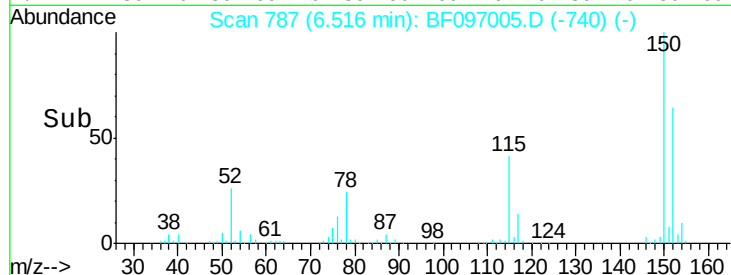
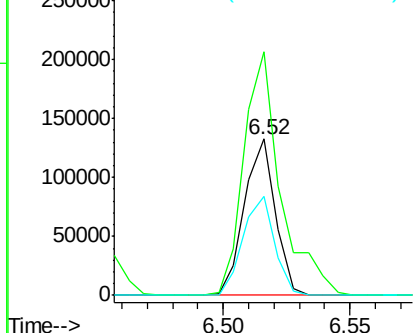
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion:152 Resp: 112541
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 63.4 52.2 78.2



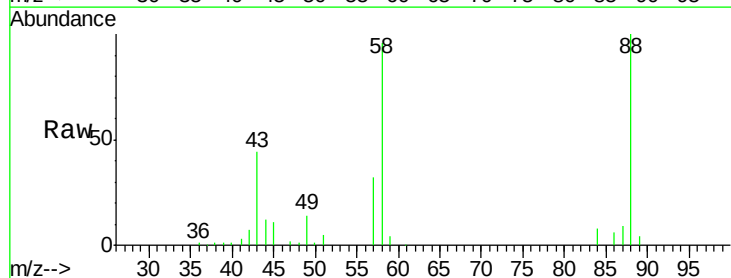
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



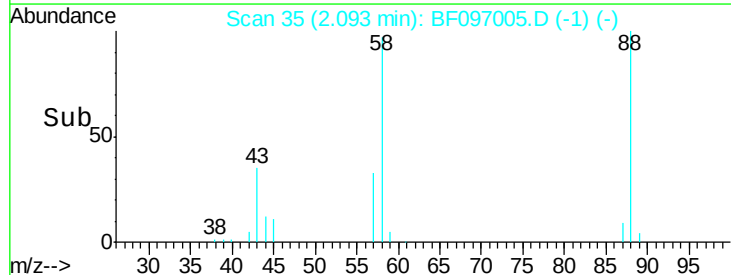
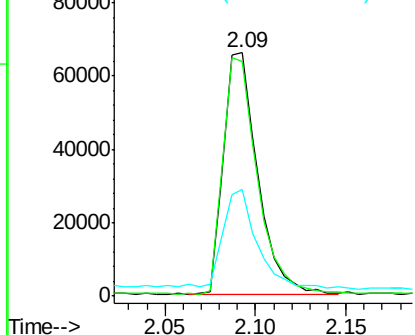
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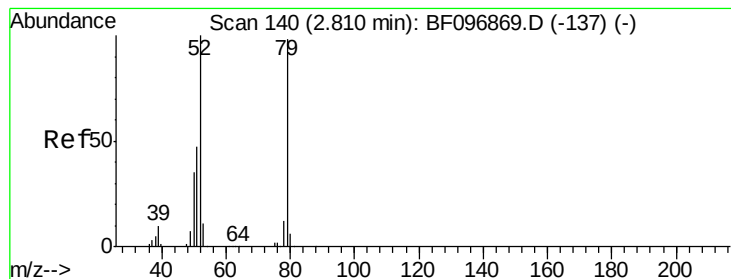
1,4-Dioxane
Concen: 22.49 ng
RT: 2.09 min Scan# 35
Delta R.T. -0.00 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion: 88 Resp: 86628
Ion Ratio Lower Upper
88 100
58 99.9 61.4 92.0#
43 41.7 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: 34.66 ng

RT: 2.72 min Scan# 142

Delta R.T. -0.00 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

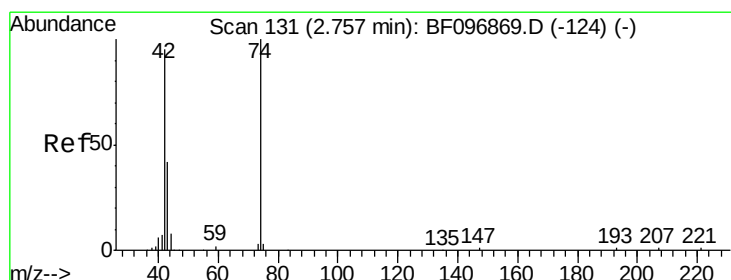
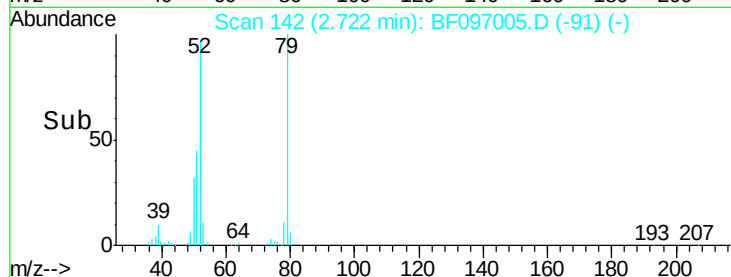
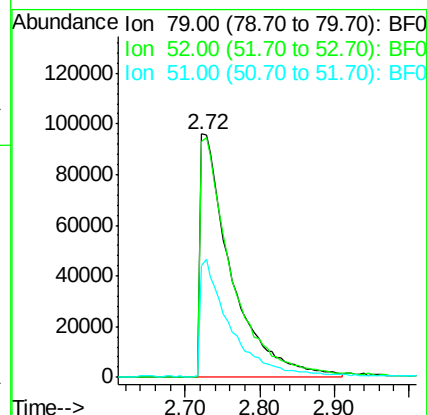
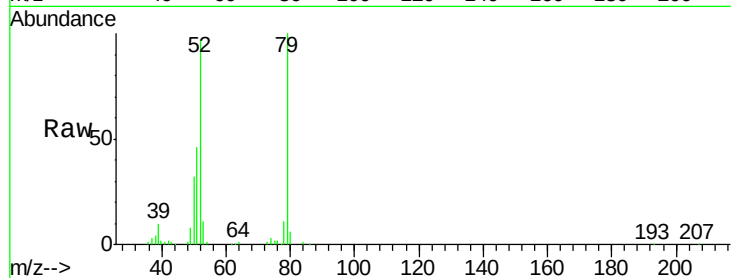
Tot Ion: 79 Resp: 280530

Ion Ratio Lower Upper

79 100

52 97.0 54.8 82.2#

51 46.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.95 ng

RT: 2.66 min Scan# 132

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

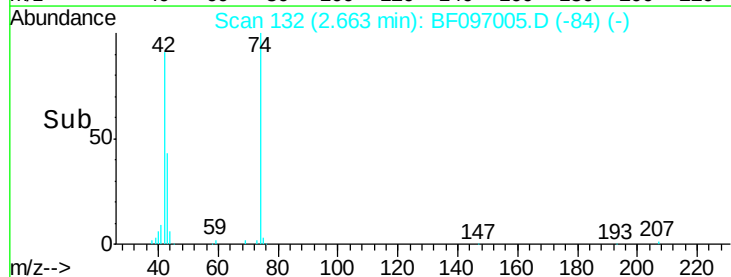
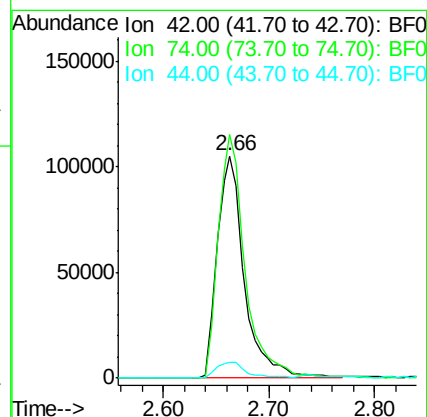
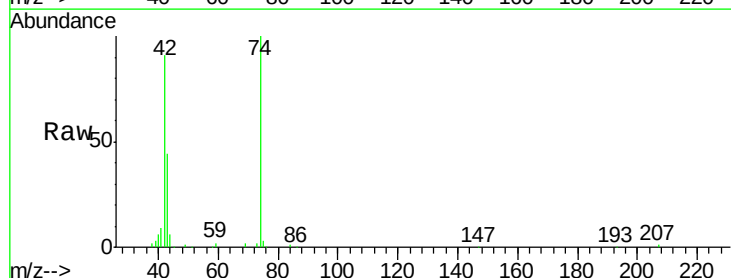
Tgt Ion: 42 Resp: 189878

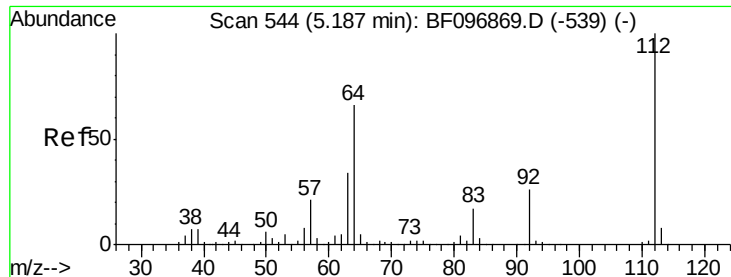
Ion Ratio Lower Upper

42 100

74 109.6 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 131.08 ng

RT: 5.13 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

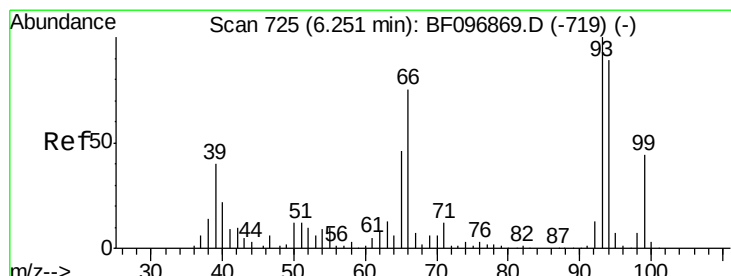
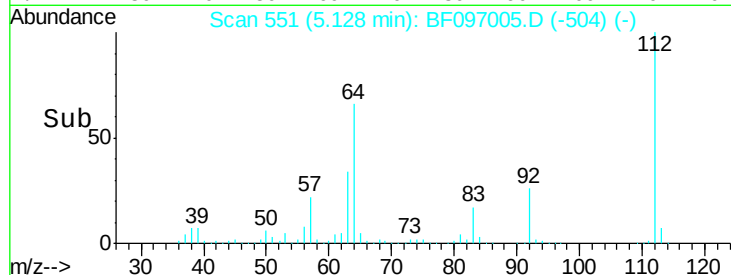
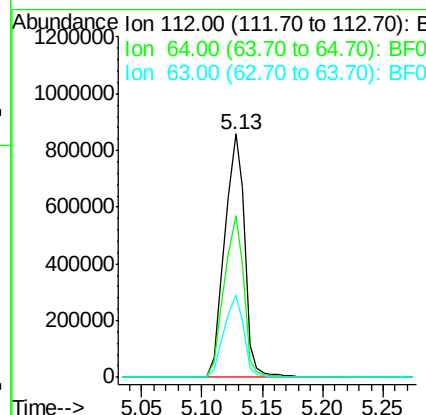
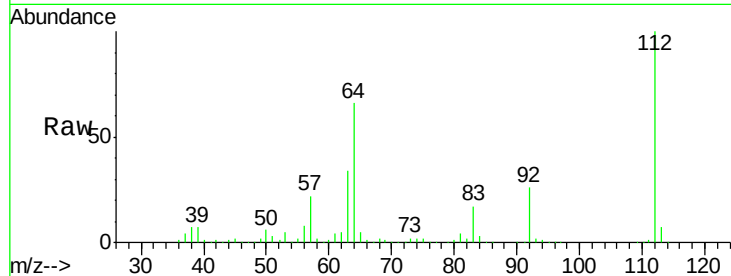
Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:	112	Resp:	981132
Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.0	69.0
63	33.9	23.4	35.0



#6

Aniline

Concen: 33.65 ng

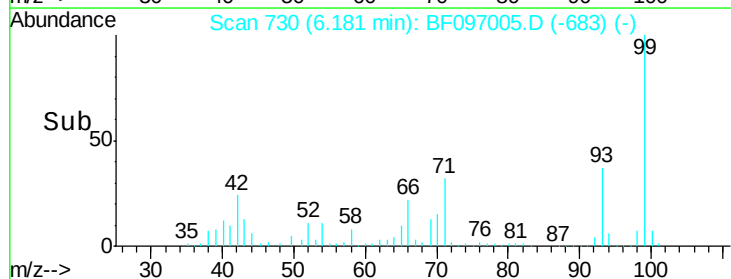
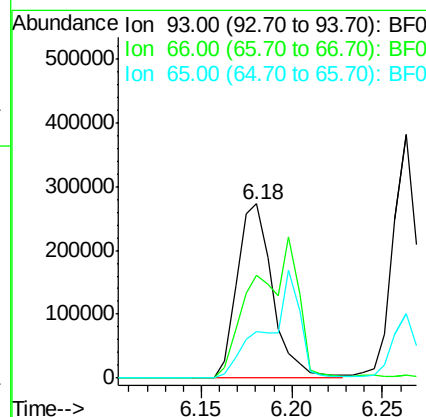
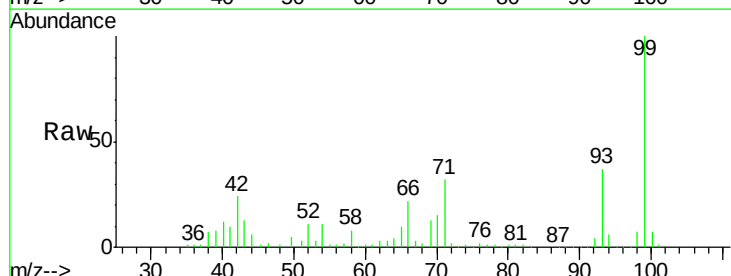
RT: 6.18 min Scan# 730

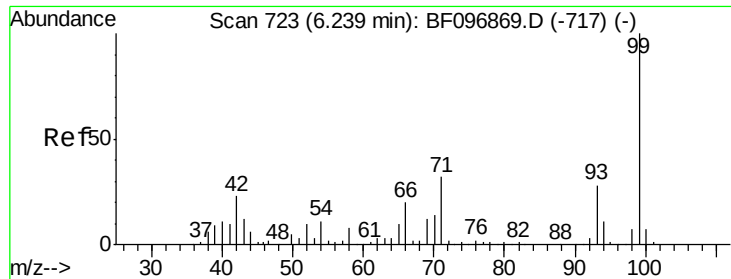
Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:	93	Resp:	372251
Ion	Ratio	Lower	Upper
93	100		
66	59.3	32.9	49.3#
65	26.9	16.0	24.0#





#7

Phenol-d6

Concen: 147.61 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

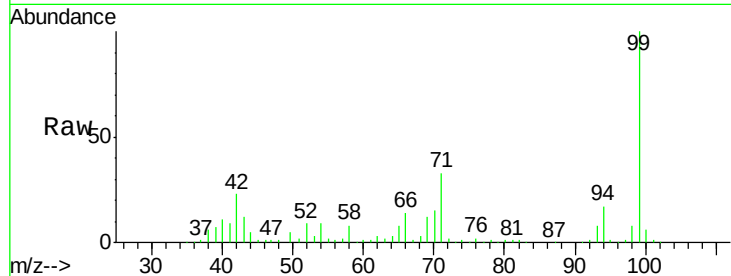
BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion: 99 Resp: 1325802

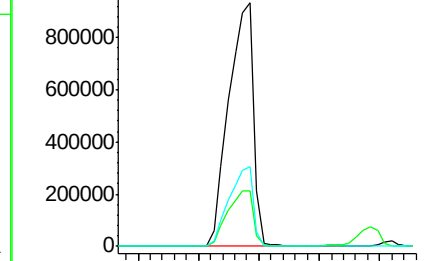
Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	32.6	24.5	36.7



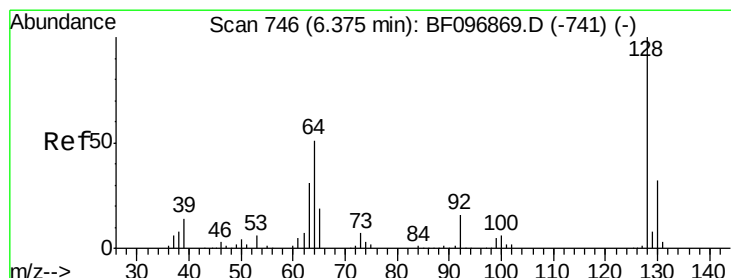
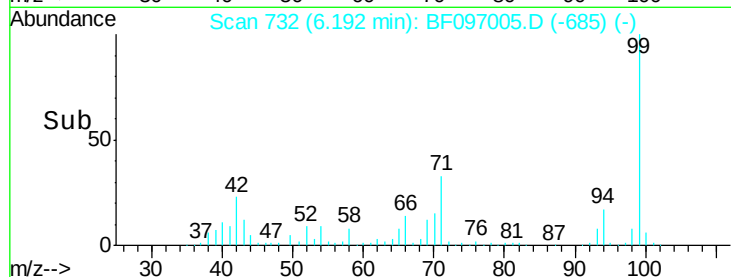
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 41.75 ng

RT: 6.31 min Scan# 752

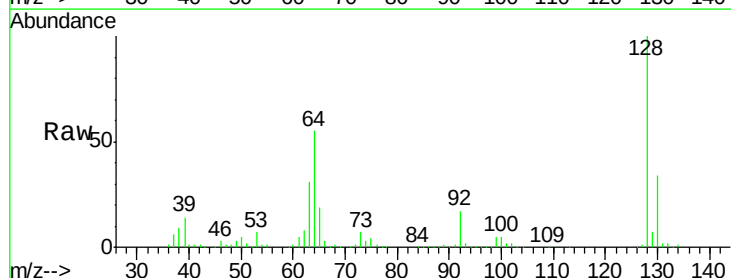
Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion: 128 Resp: 337086

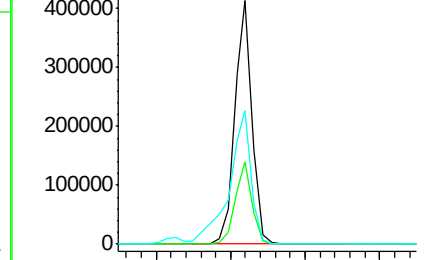
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.9	52.9
64	54.6	28.4	68.4



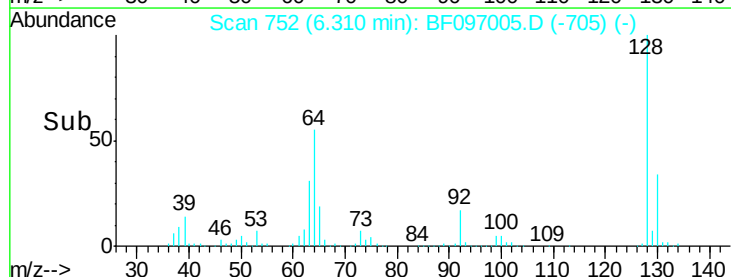
Abundance Ion 128.00 (127.70 to 128.70): E

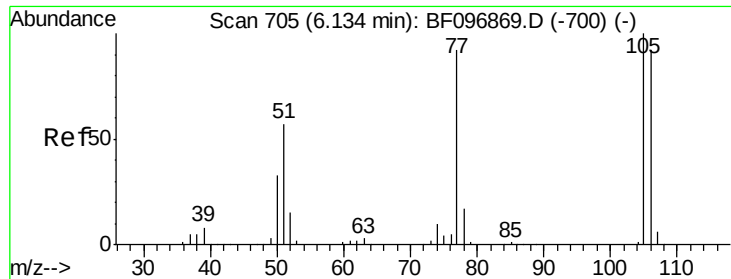
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 21.80 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

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ClientSampleId :

E2-HS4-WSWMSD

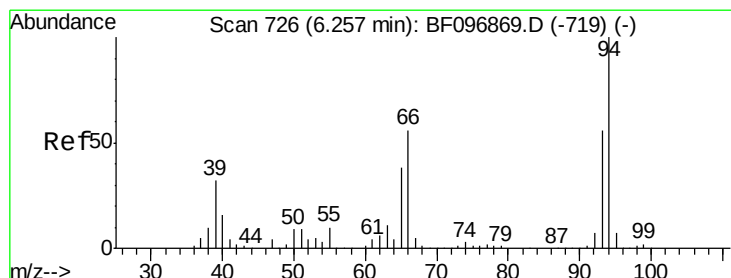
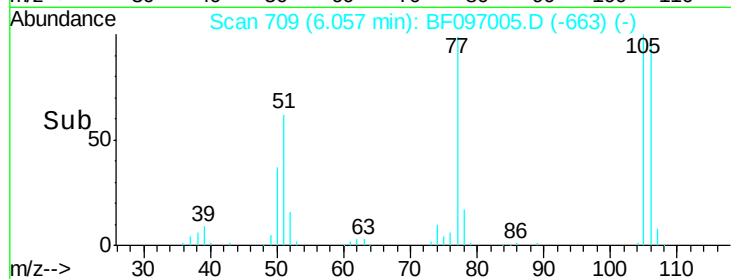
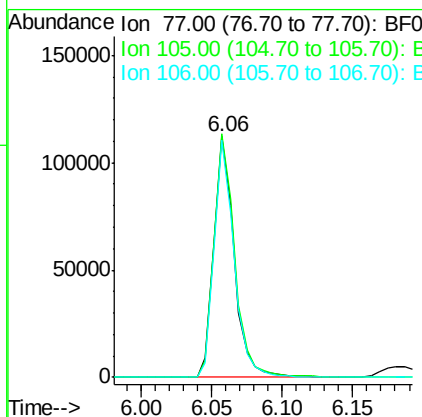
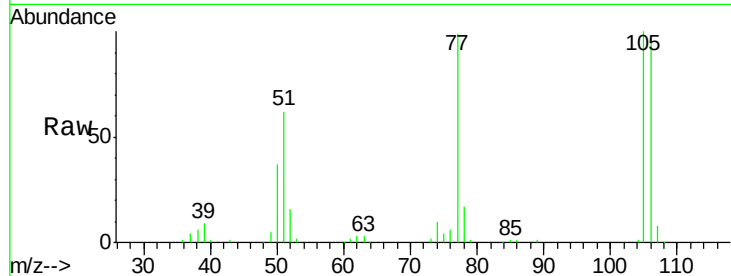
Tot Ion: 77 Resp: 113200

Ion Ratio Lower Upper

77 100

105 101.1 83.8 123.8

106 98.3 79.1 119.1



#10

Phenol

Concen: 45.02 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

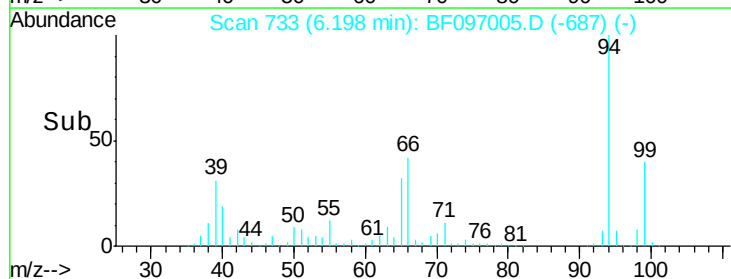
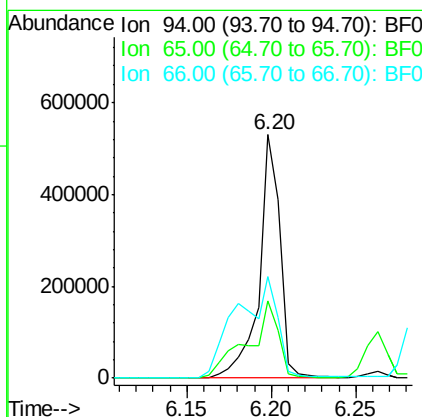
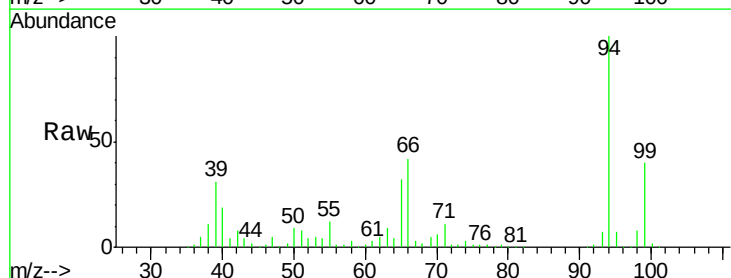
Tgt Ion: 94 Resp: 457096

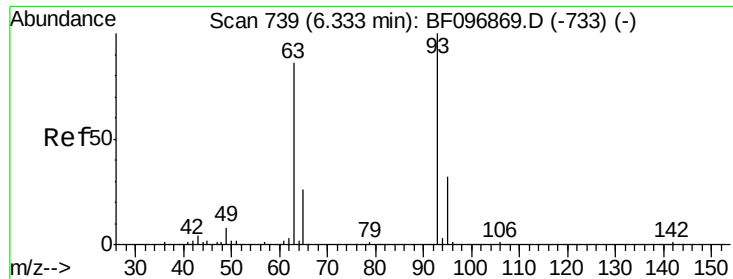
Ion Ratio Lower Upper

94 100

65 31.9 9.9 49.9

66 41.5 23.1 63.1

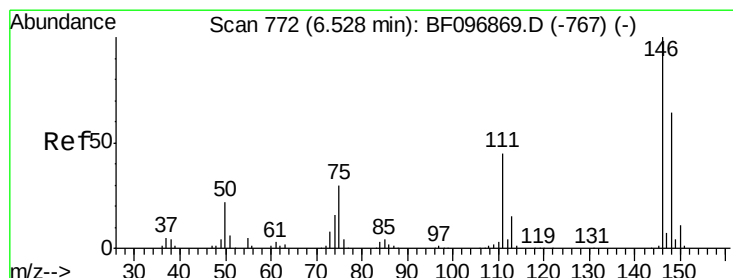
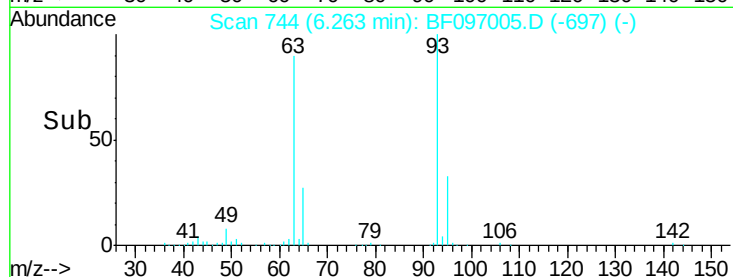
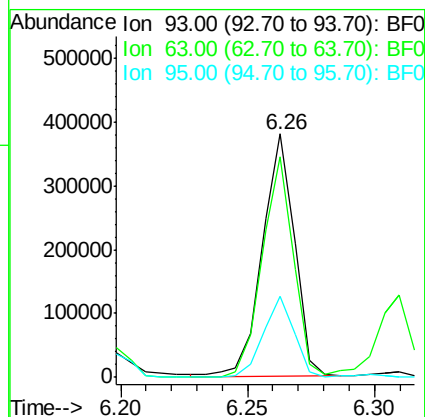
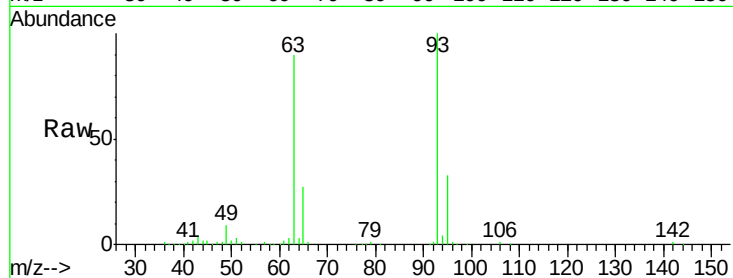




#11
bis(2-Chloroethyl)ether
Concen: 44.09 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

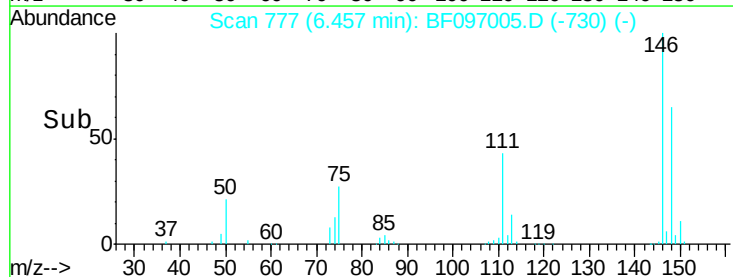
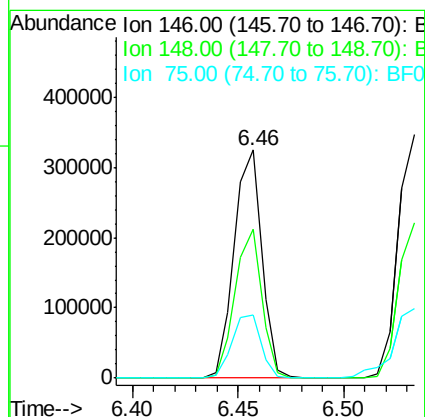
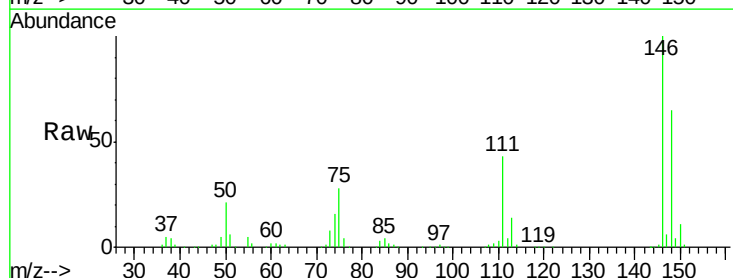
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

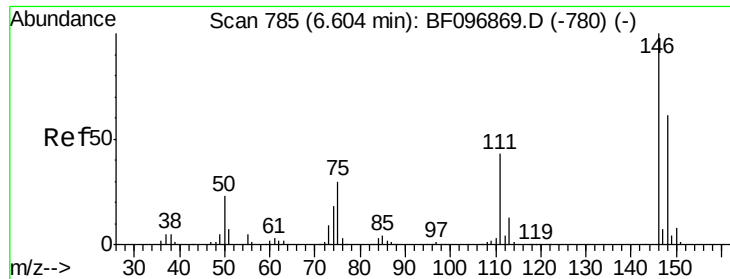
Tot Ion: 93 Resp: 336650
Ion Ratio Lower Upper
93 100
63 90.4 59.2 99.2
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.29 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion: 146 Resp: 294322
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
75 27.6 23.1 34.7

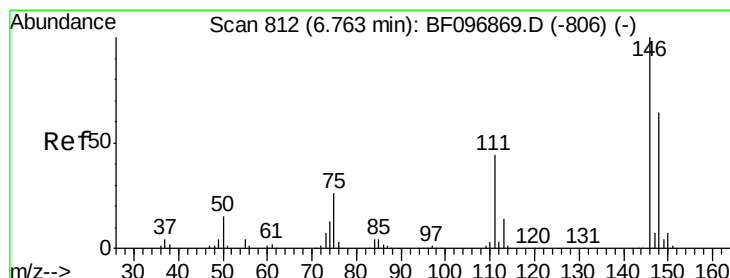
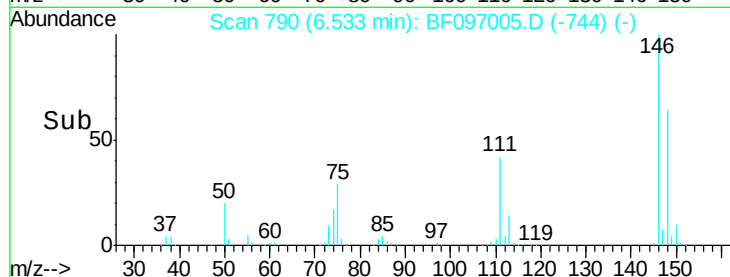
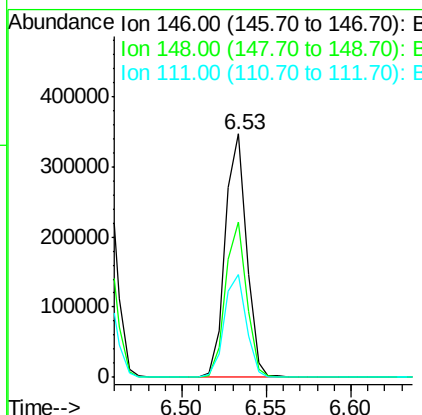
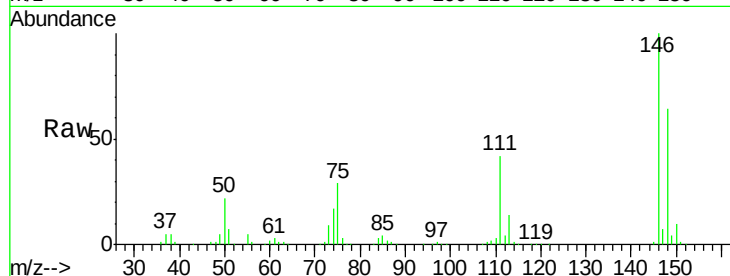




#13
 1,4-Dichlorobenzene
 Concen: 34.99 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

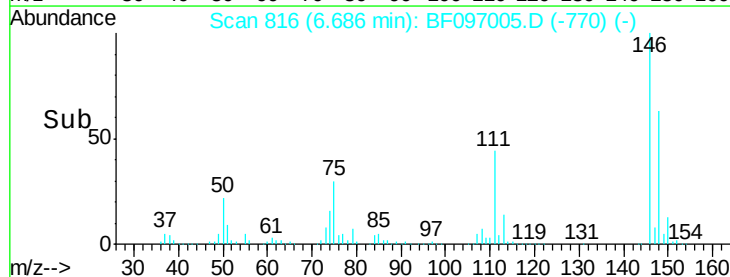
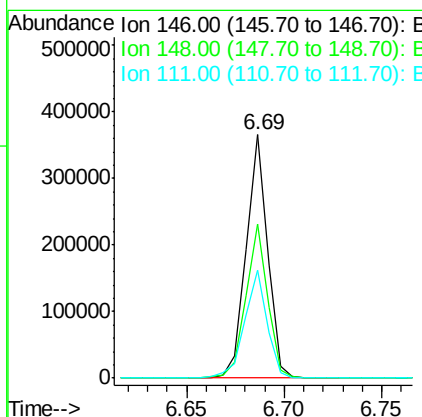
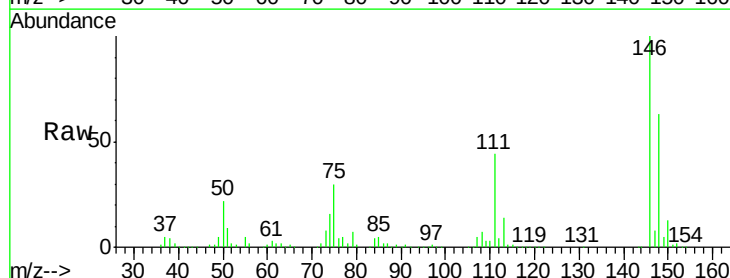
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

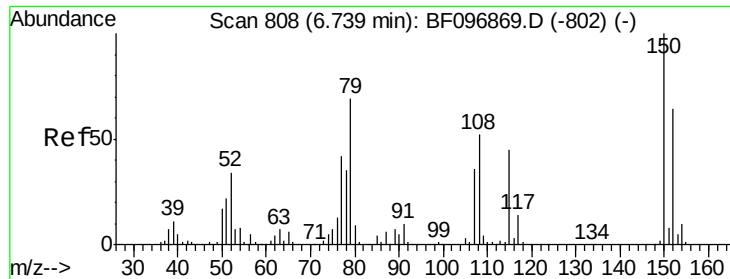
Tot Ion:146 Resp: 304102
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 42.5 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 35.28 ng
 RT: 6.69 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:146 Resp: 278936
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 44.1 38.2 57.4

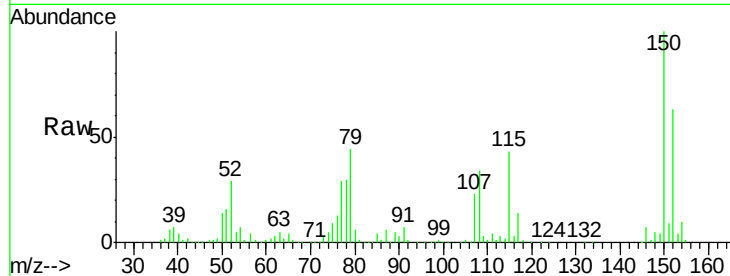




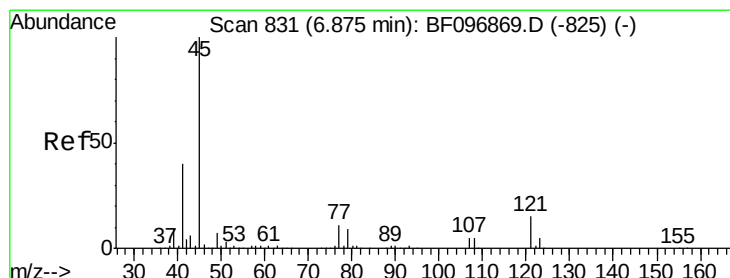
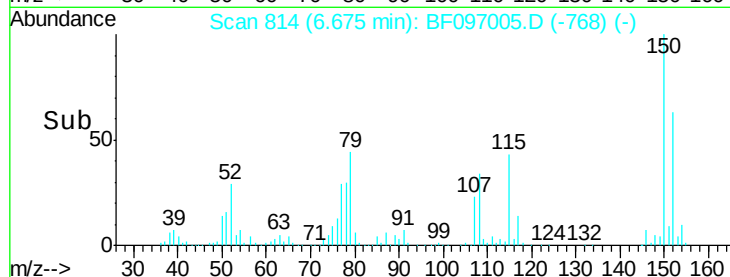
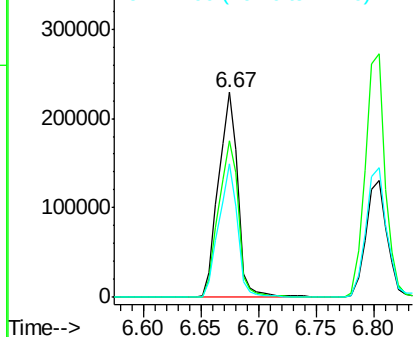
#15
Benzyl Alcohol
Concen: 45.51 ng
RT: 6.67 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion: 79 Resp: 267623
Ion Ratio Lower Upper
79 100
108 76.2 63.4 95.0
77 65.0 49.2 73.8

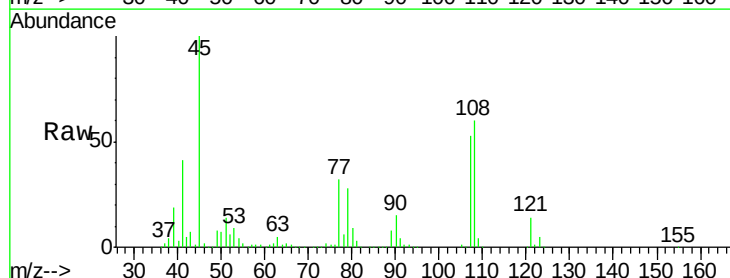


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

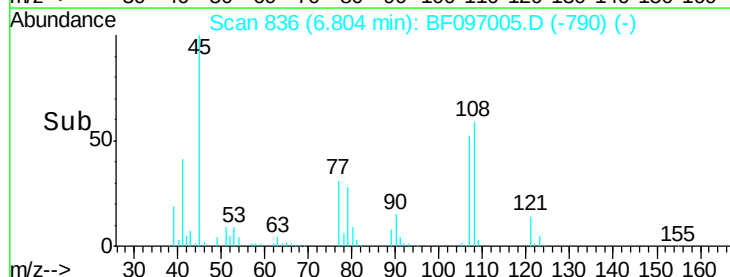
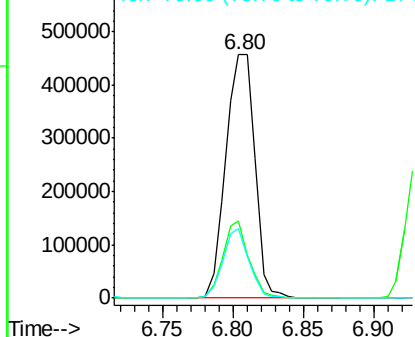


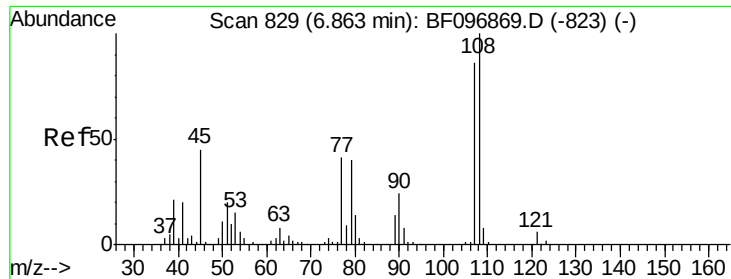
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.47 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion: 45 Resp: 653523
Ion Ratio Lower Upper
45 100
77 31.6 0.0 33.2
79 28.5 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

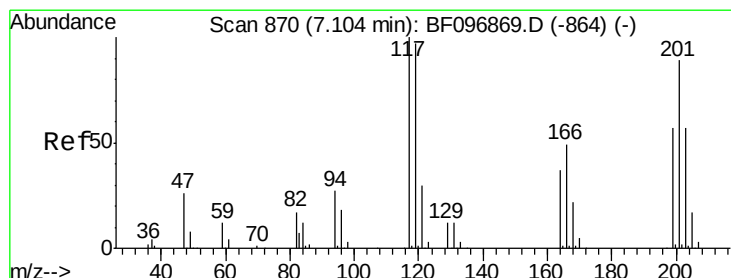
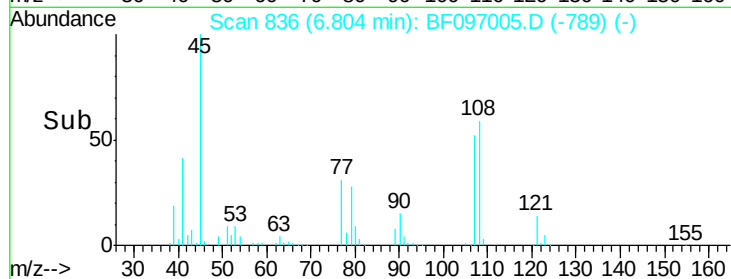
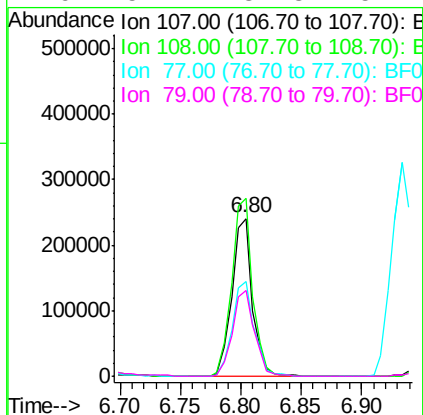
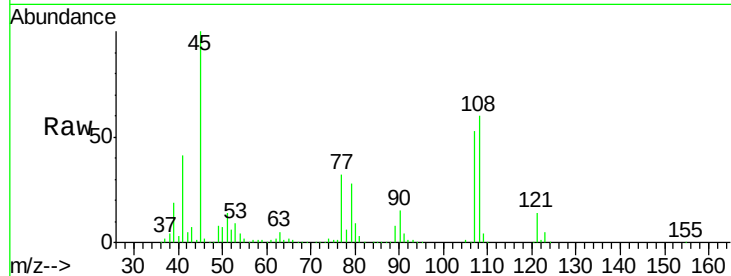




#17
2-Methylphenol
Concen: 45.30 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

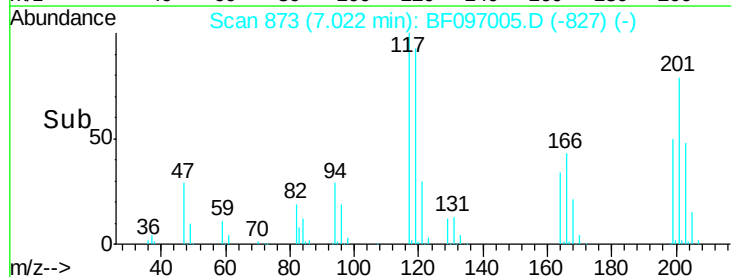
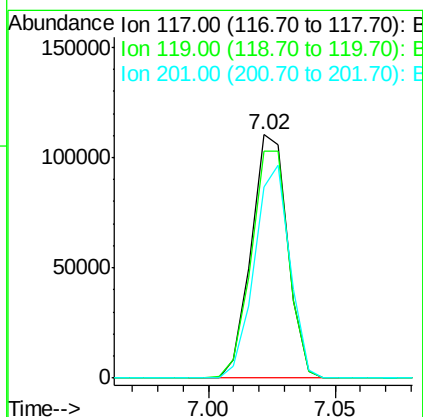
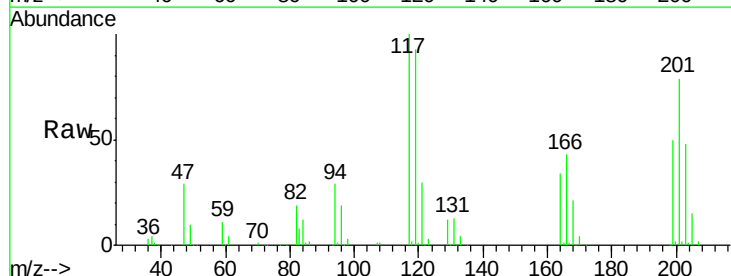
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

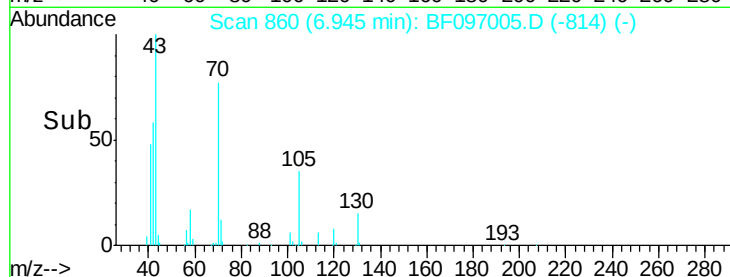
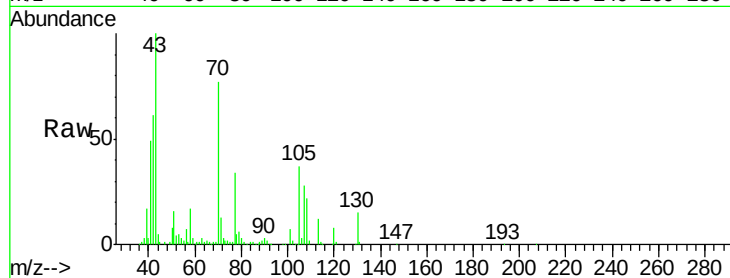
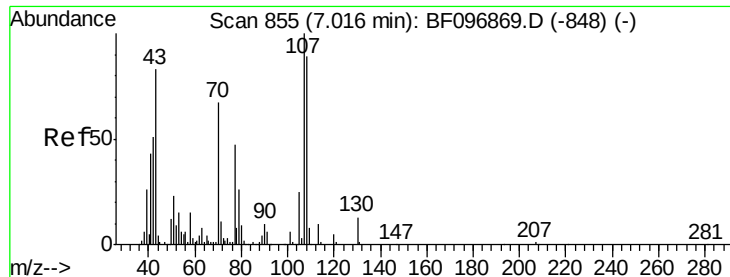
Tot Ion:107 Resp: 284471
Ion Ratio Lower Upper
107 100
108 113.2 93.4 140.0
77 60.0 35.8 53.6#
79 54.2 34.8 52.2#



#18
Hexachloroethane
Concen: 35.88 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:117 Resp: 110594
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.0
201 78.6 94.6 141.8#

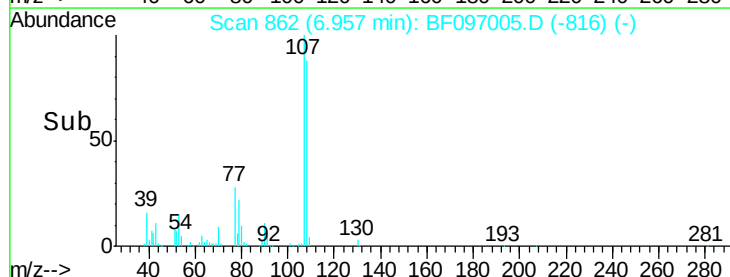
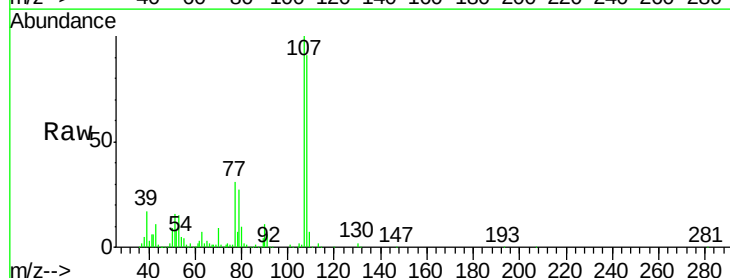
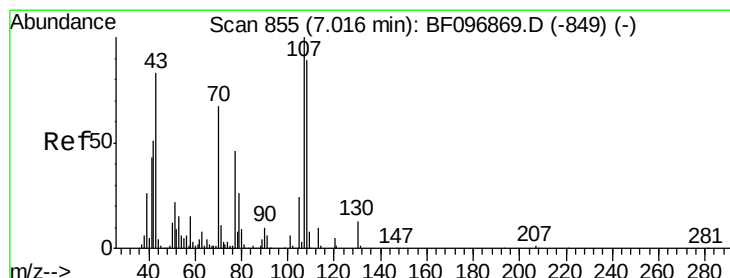
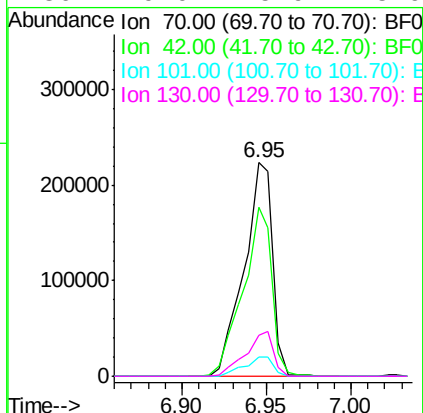




#19
n-Nitroso-di-n-propylamine
Concen: 48.88 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

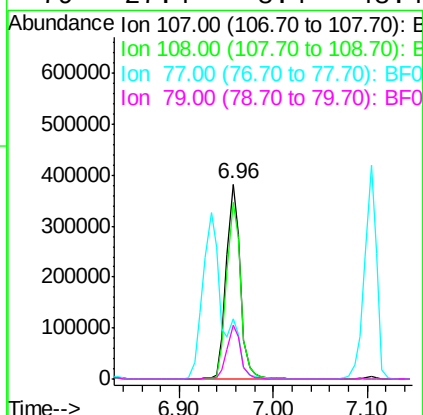
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

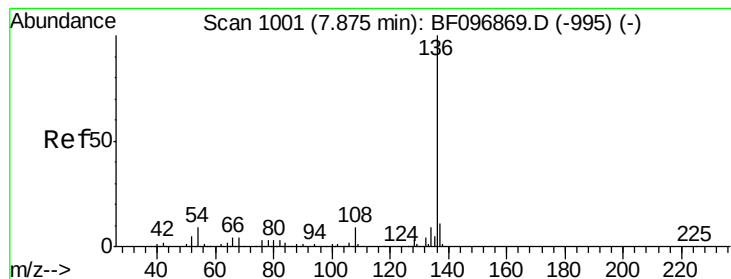
Tot Ion	Ratio	Lower	Upper
70	100		
42	79.1	47.2	70.8#
101	8.9	7.2	10.8
130	19.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 52.55 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.0	111.0
77	31.0	90.5	130.5#
79	27.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:136 Resp: 493837

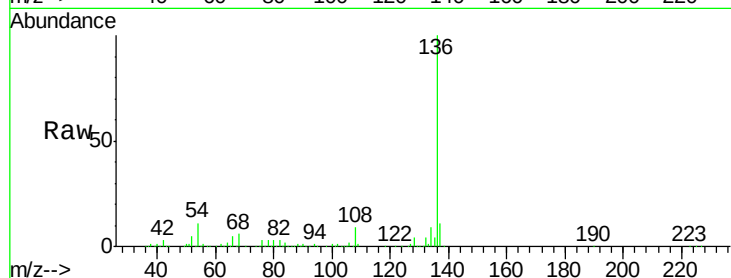
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.6 4.9 7.3#

68 5.9 4.1 6.1

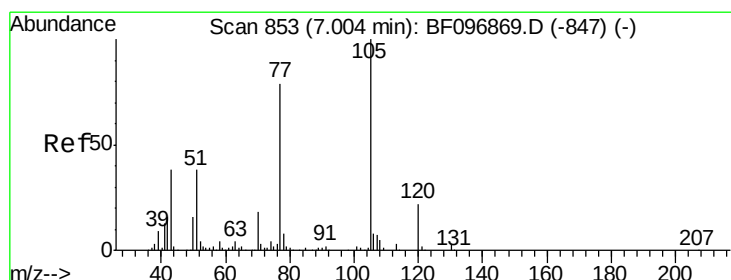
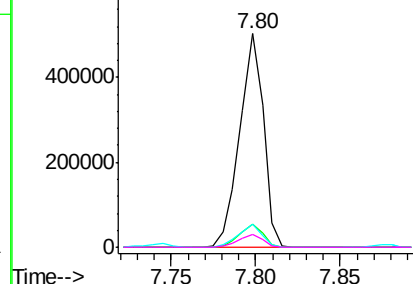
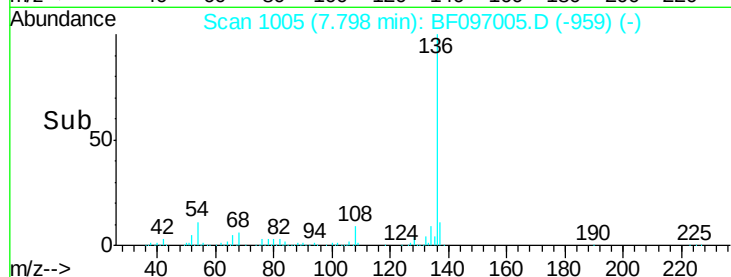


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.70 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion:105 Resp: 504389

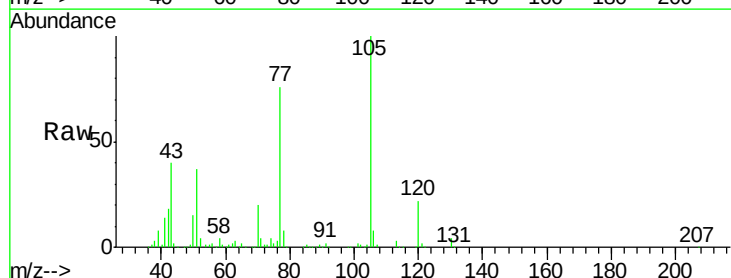
Ion Ratio Lower Upper

105 100

71 3.5 2.8 4.2

51 36.6 30.7 46.1

120 21.8 17.4 26.0

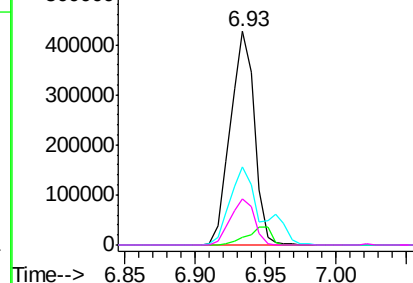
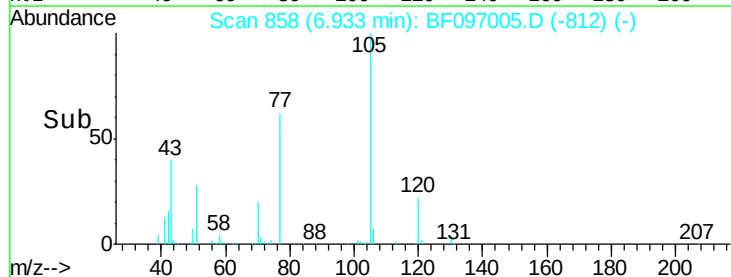


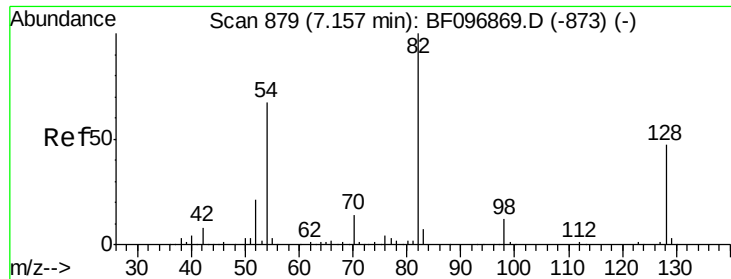
Abundance Ion 105.00 (104.70 to 105.70): E

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

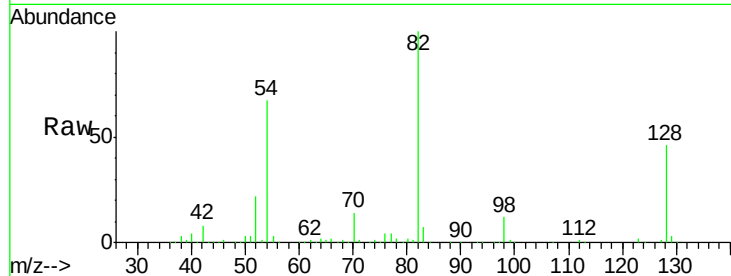




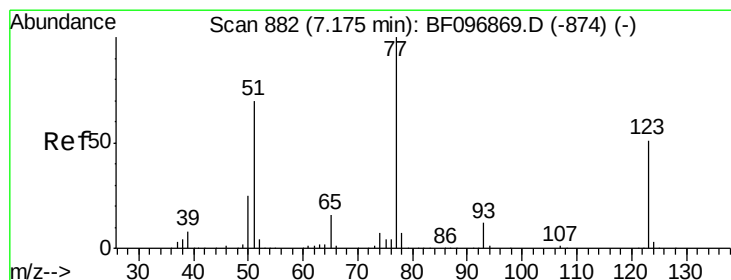
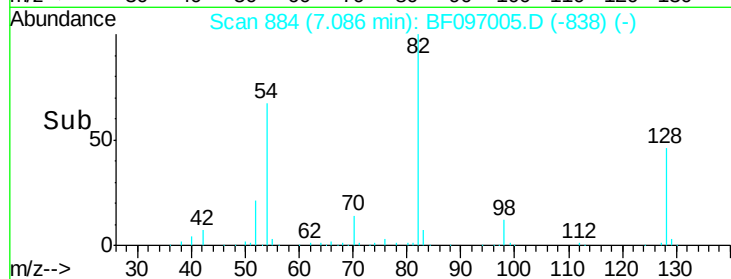
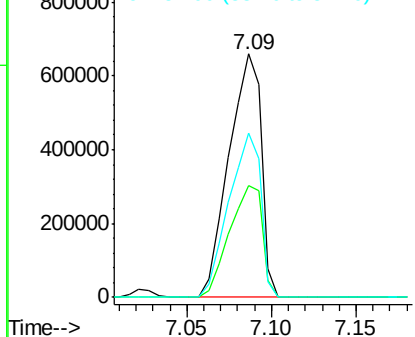
#23
 Nitrobenzene-d5
 Concen: 110.18 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion: 82 Resp: 878447
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 67.5 42.2 63.2#

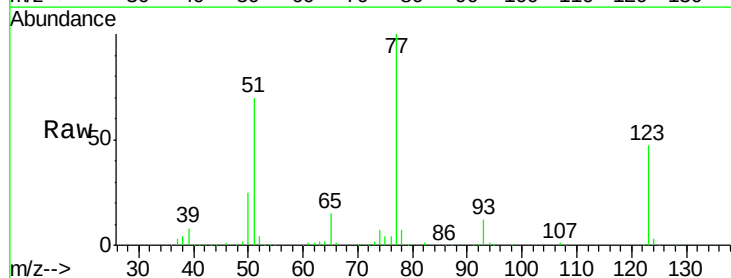


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

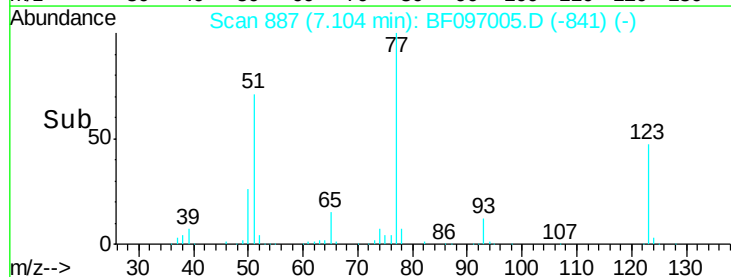
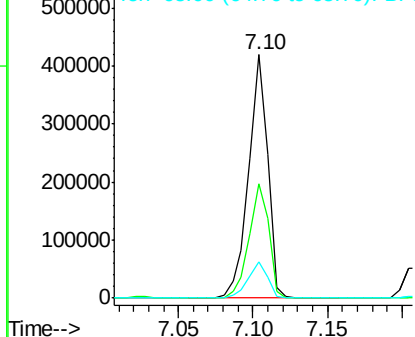


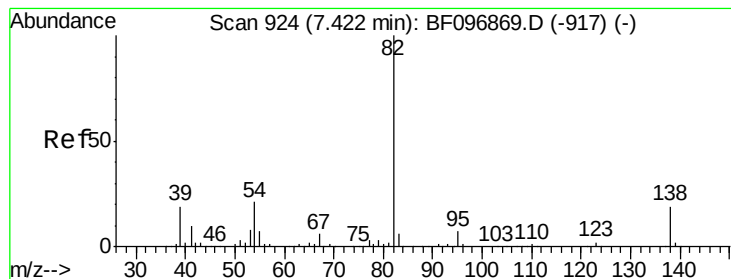
#24
 Nitrobenzene
 Concen: 45.10 ng
 RT: 7.10 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion: 77 Resp: 371842
 Ion Ratio Lower Upper
 77 100
 123 47.2 35.8 53.8
 65 15.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.35 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

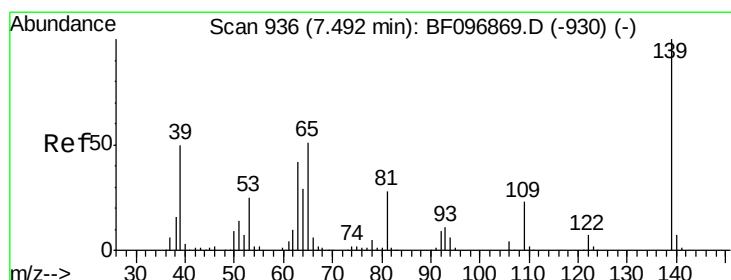
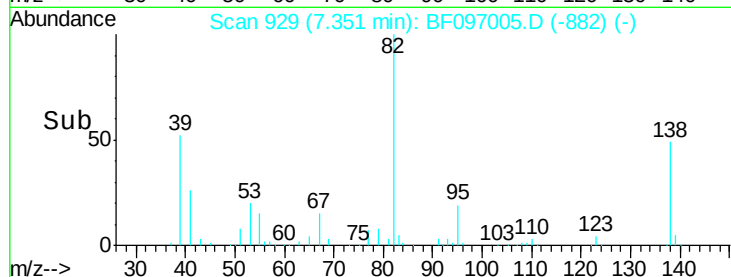
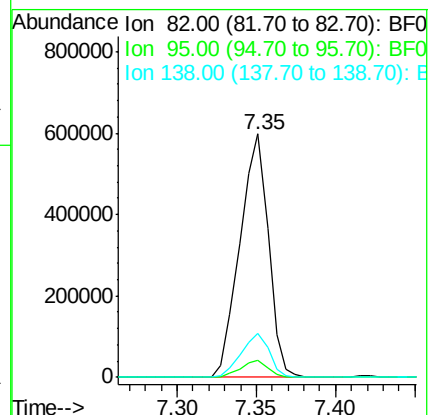
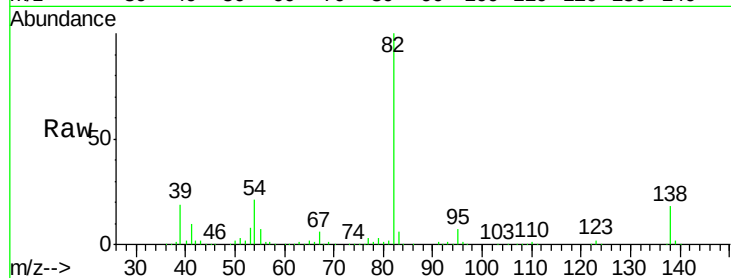
Tot Ion: 82 Resp: 746782

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.0 13.1 19.7



#26

2-Nitrophenol

Concen: 45.99 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

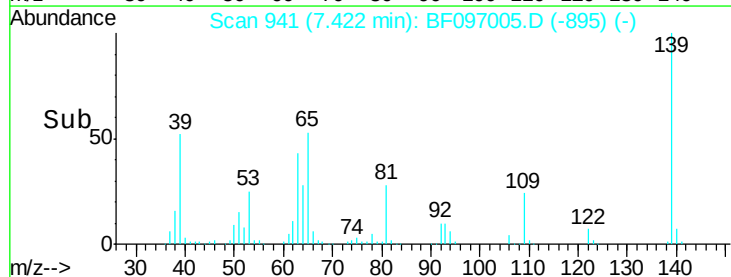
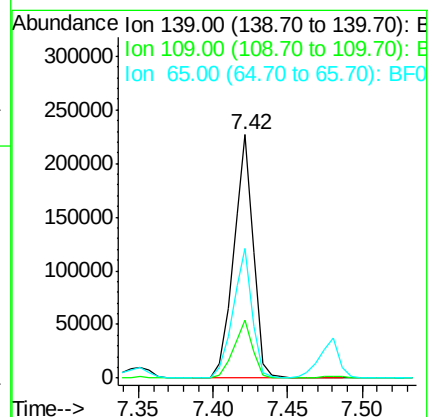
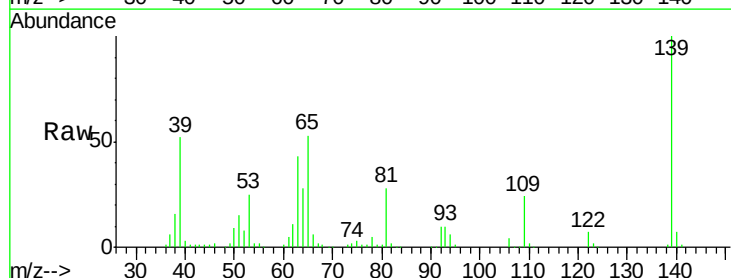
Tgt Ion: 139 Resp: 210848

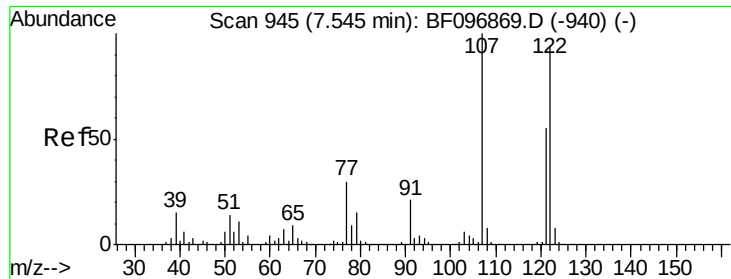
Ion Ratio Lower Upper

139 100

109 23.8 21.0 31.6

65 53.0 33.0 49.6#

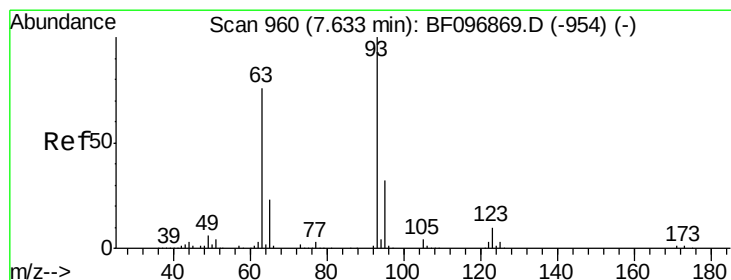
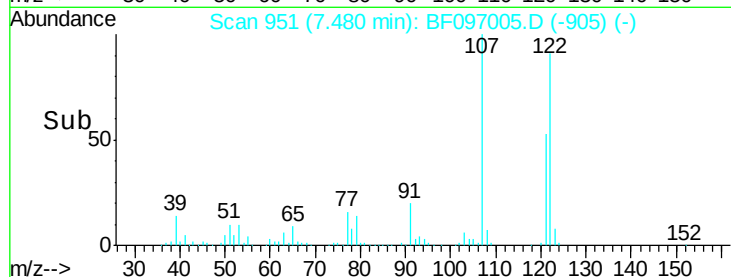
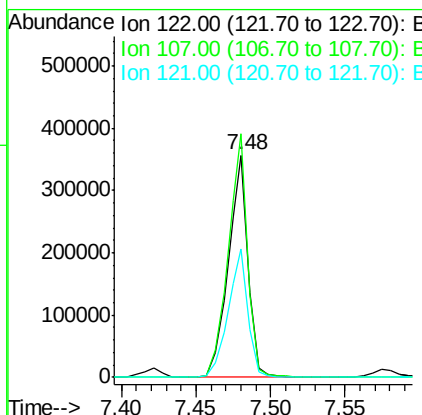
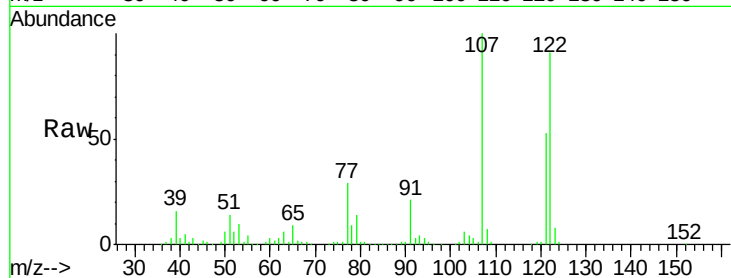




#27
 2,4-Dimethylphenol
 Concen: 44.28 ng
 RT: 7.48 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

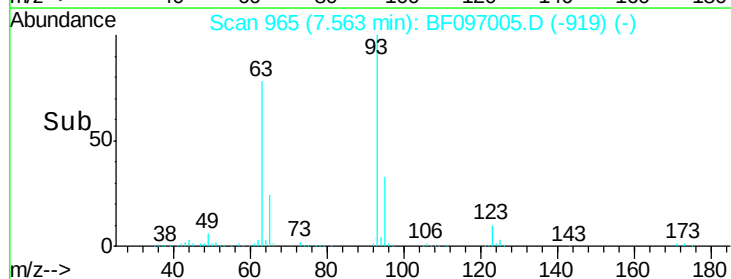
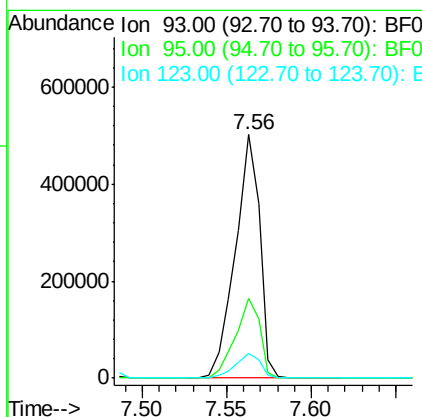
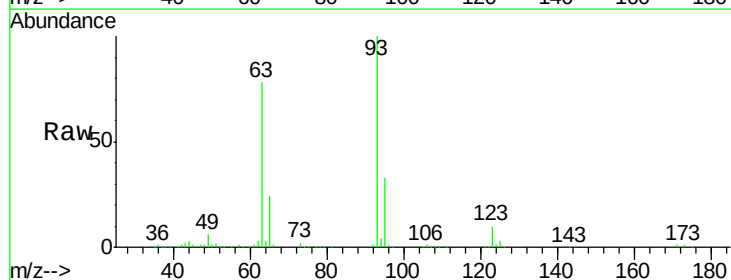
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

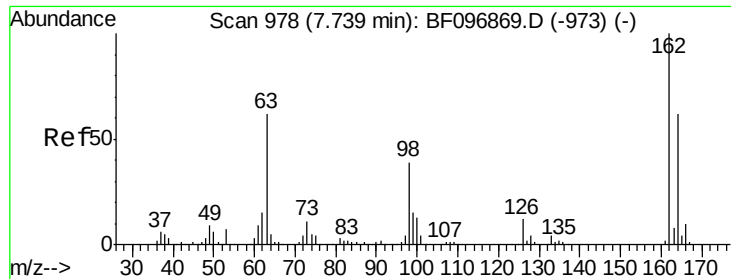
Tot Ion:122 Resp: 333979
 Ion Ratio Lower Upper
 122 100
 107 109.5 89.2 133.8
 121 57.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.25 ng
 RT: 7.56 min Scan# 965
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion: 93 Resp: 503603
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.4 9.0 13.4

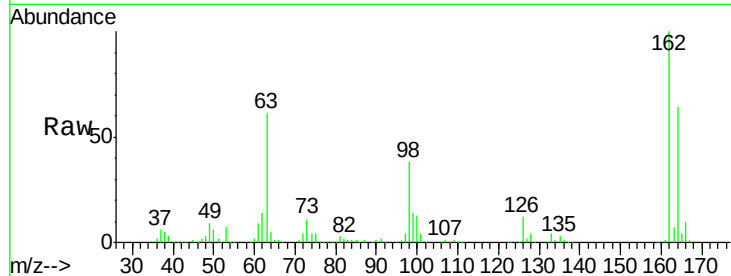




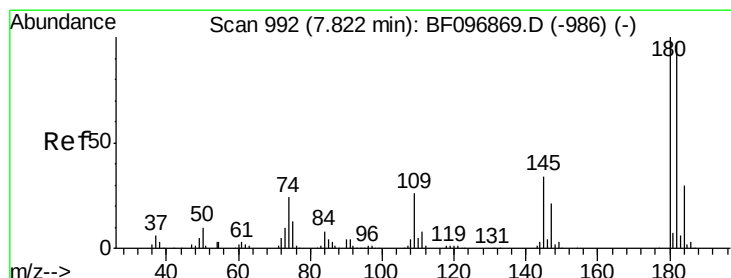
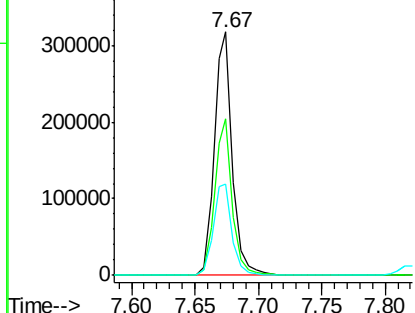
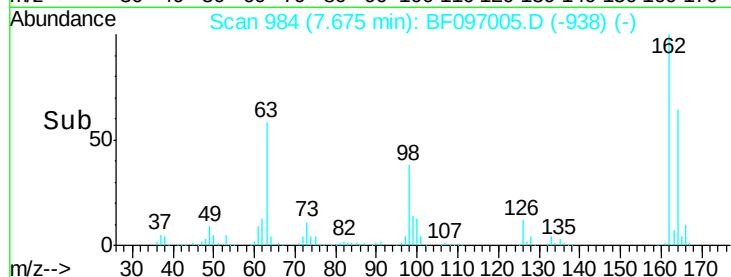
#29
 2,4-Dichlorophenol
 Concen: 46.35 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	37.7	14.8	54.8

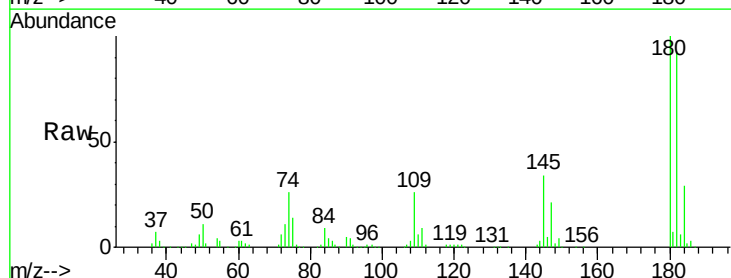


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

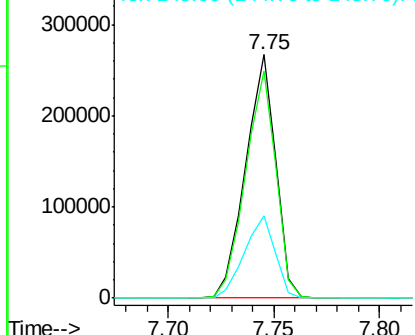
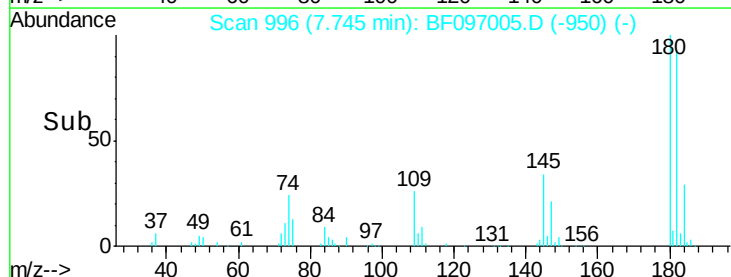


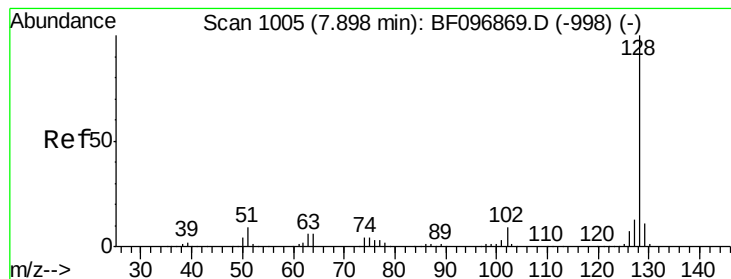
#30
 1,2,4-Trichlorobenzene
 Concen: 40.65 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	34.0	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: 44.30 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

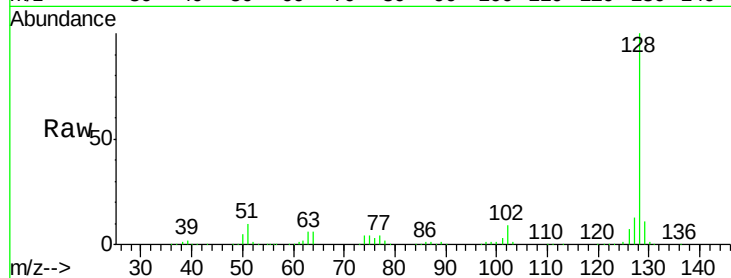
Tot Ion:128 Resp: 1036448

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

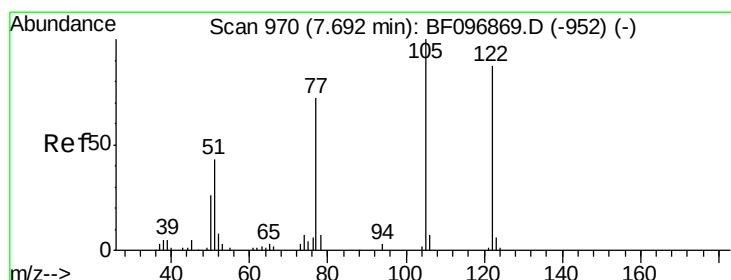
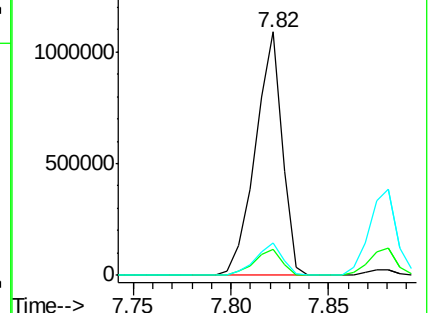
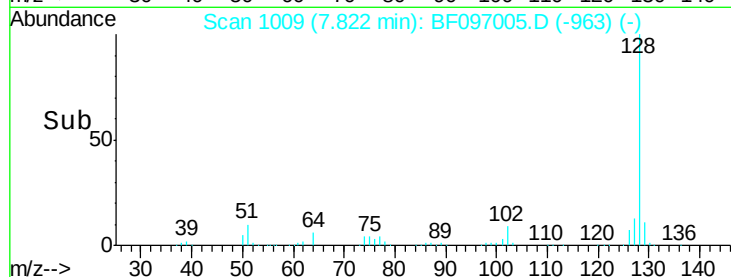
127 13.2 10.8 16.2



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: 3.13 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.09 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

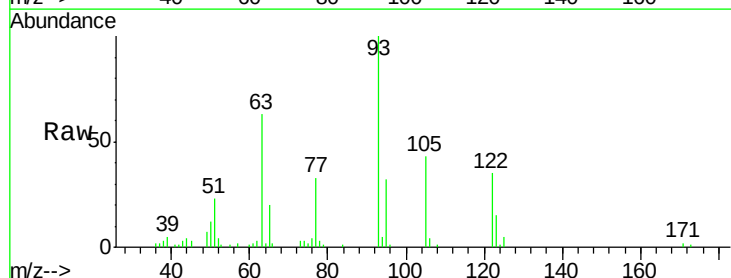
Tgt Ion:122 Resp: 15083

Ion Ratio Lower Upper

122 100

105 124.6 103.3 143.3

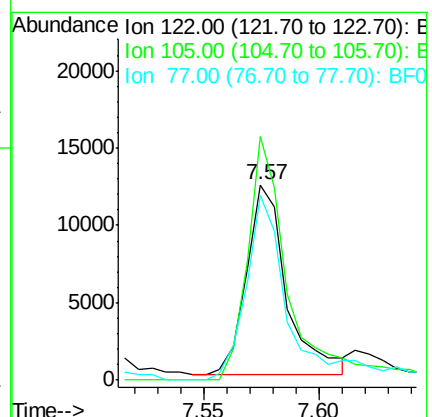
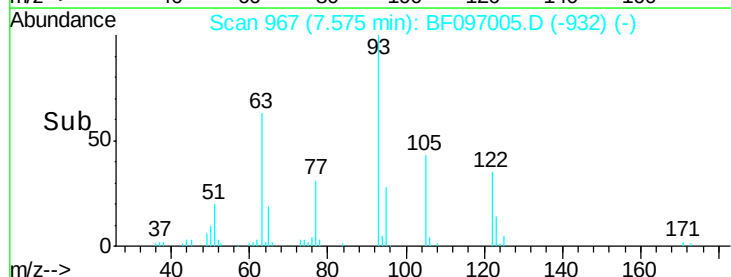
77 94.3 73.7 113.7

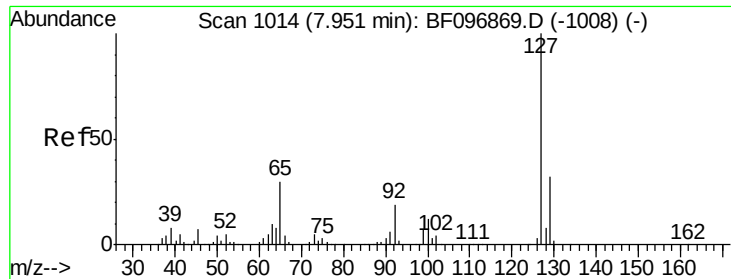


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

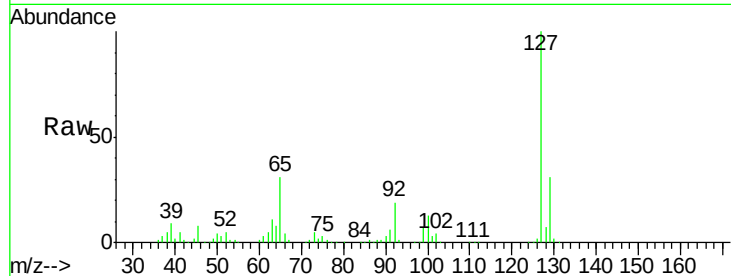




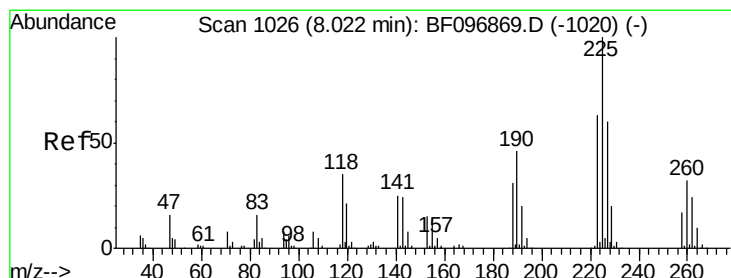
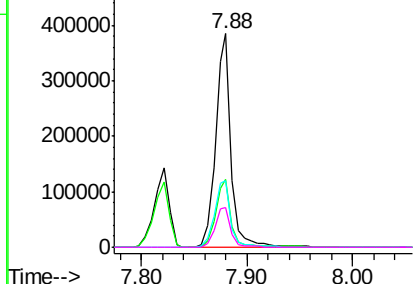
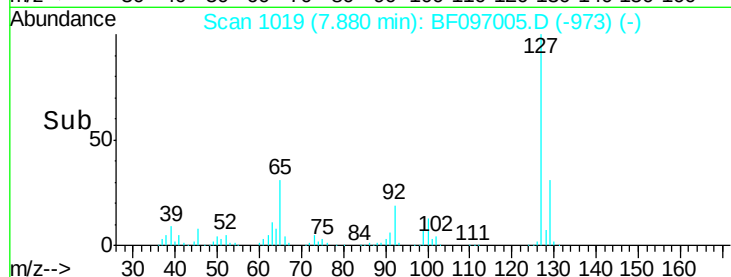
#33
4-Chloroaniline
Concen: 42.22 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion:	127	Resp:	391333
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	31.0	27.8	41.8
92	18.7	16.8	25.2

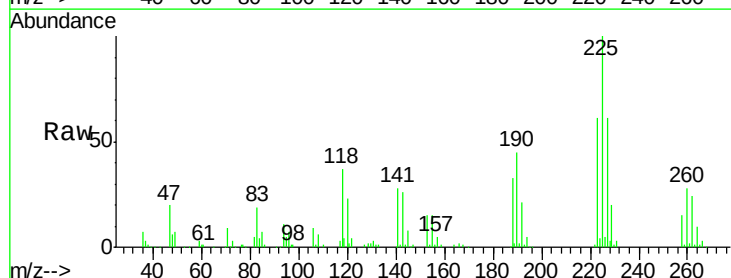


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

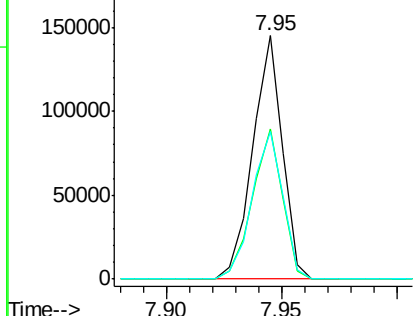
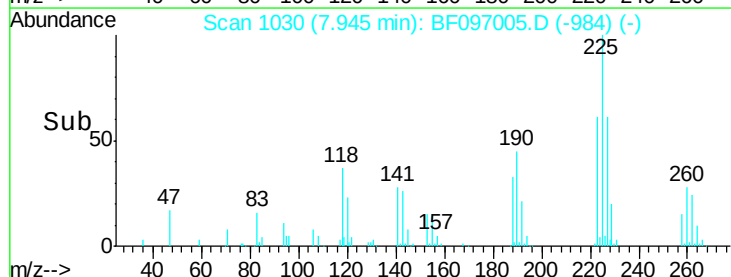


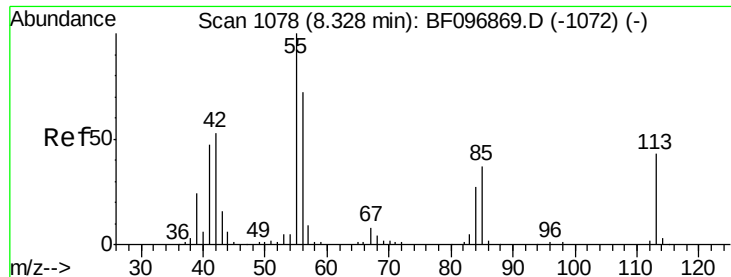
#34
Hexachlorobutadiene
Concen: 37.55 ng
RT: 7.95 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:	225	Resp:	130114
Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.8	73.2
227	60.6	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

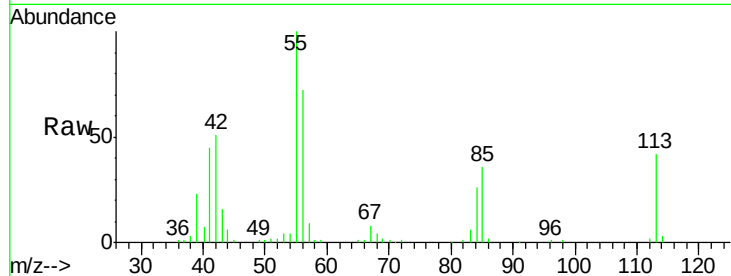




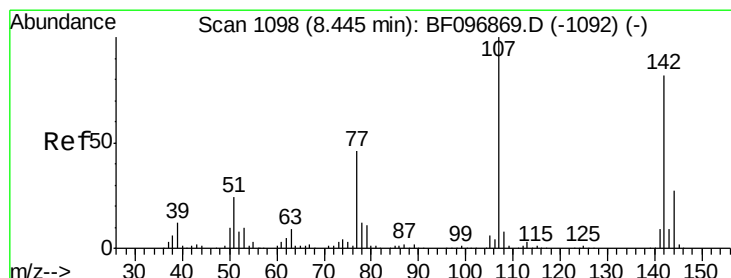
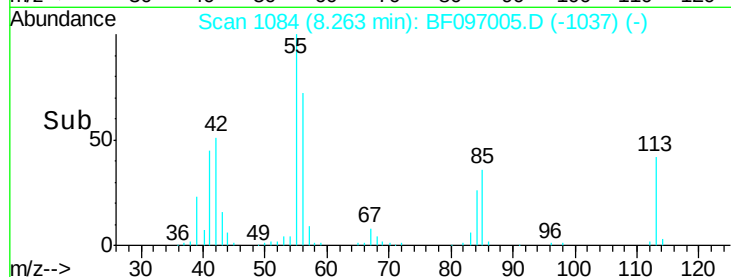
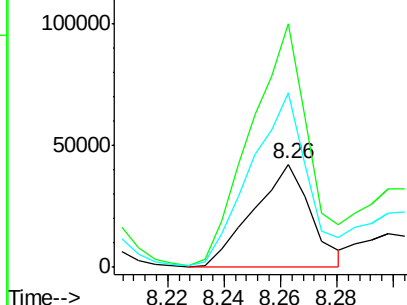
#35
 Caprolactam
 Concen: 27.40 ng
 RT: 8.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion:113 Resp: 59951
 Ion Ratio Lower Upper
 113 100
 55 235.4 150.2 190.2#
 56 168.6 107.8 147.8#

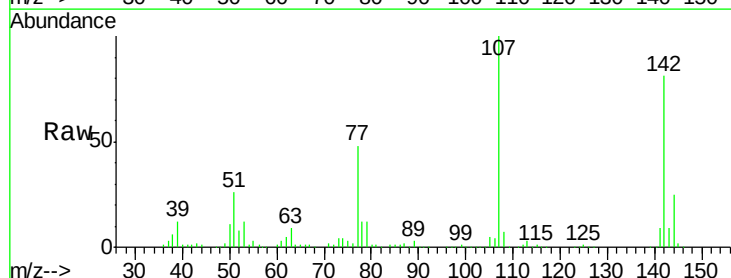


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

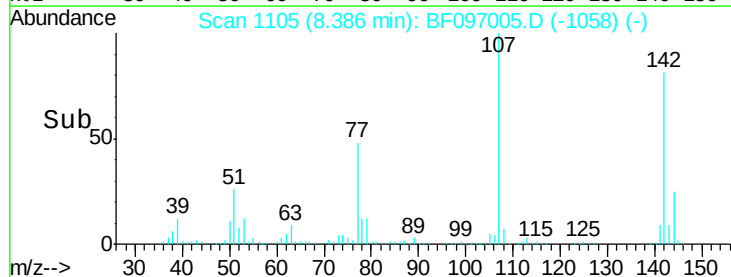
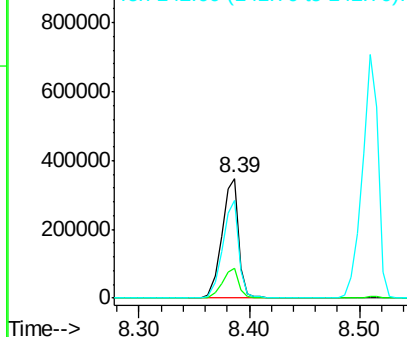


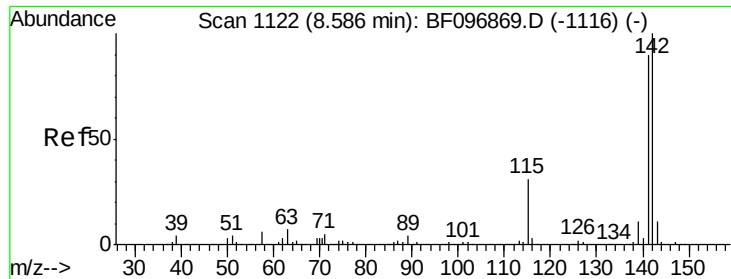
#36
 4-Chloro-3-methylphenol
 Concen: 49.77 ng
 RT: 8.39 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:107 Resp: 365383
 Ion Ratio Lower Upper
 107 100
 144 25.3 24.2 36.4
 142 81.3 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

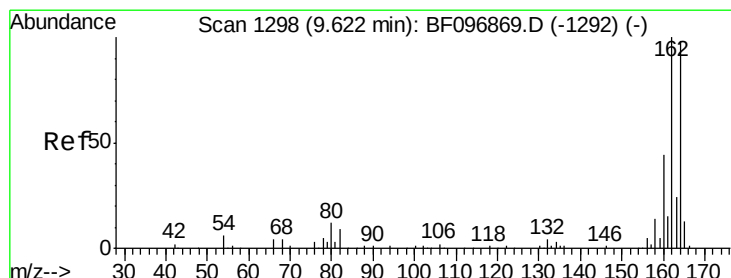
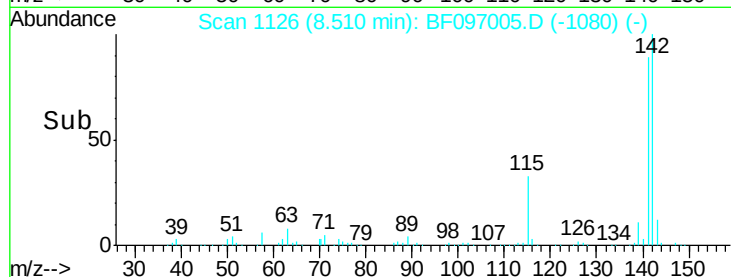
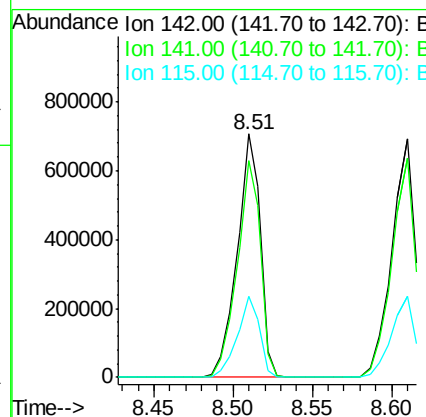
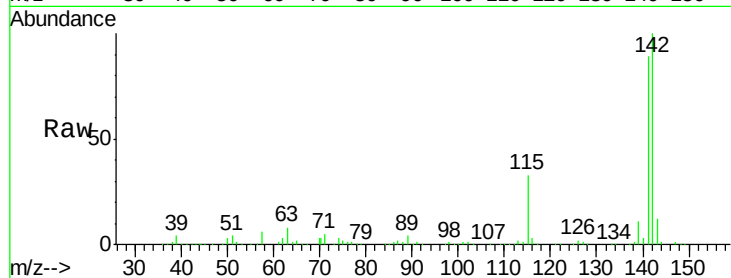




#37
 2-Methylnaphthalene
 Concen: 47.88 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

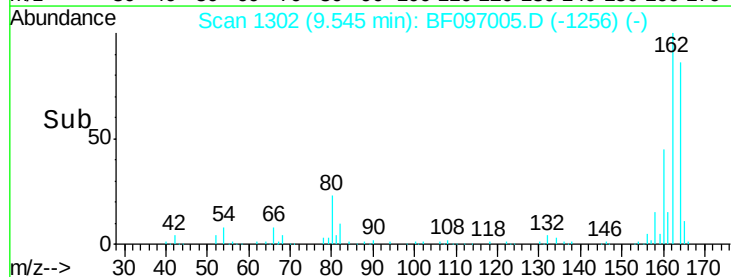
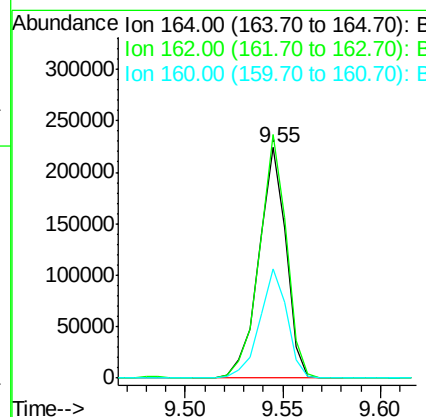
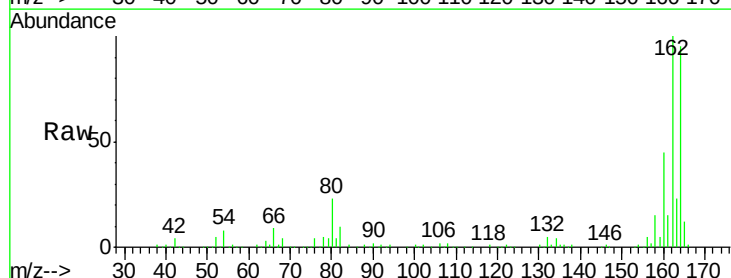
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

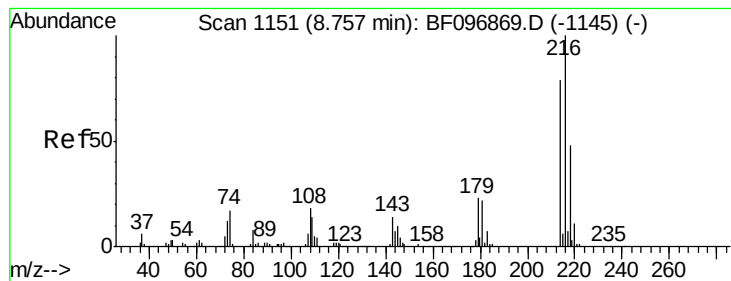
Tot Ion:142 Resp: 714036
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 33.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:164 Resp: 216094
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.6 123.8
 160 47.4 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.21 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

Tot Ion:216 Resp: 246542

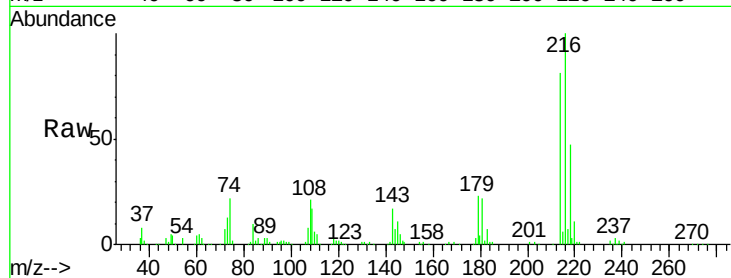
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 22.7 17.9 26.9

108 23.1 16.5 24.7

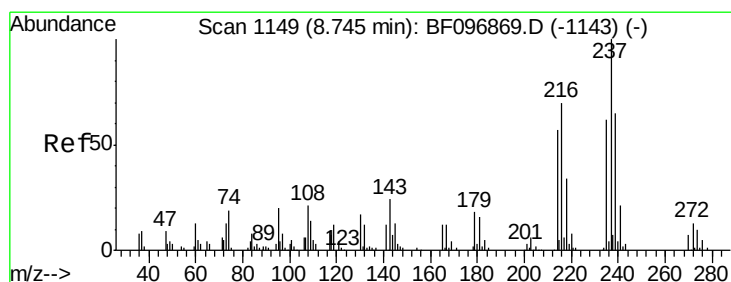
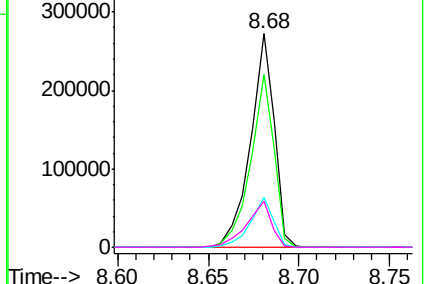
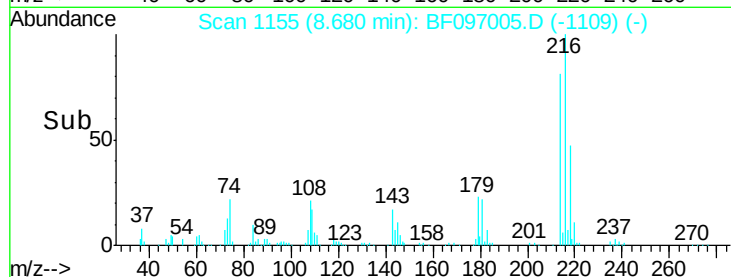


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.71 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

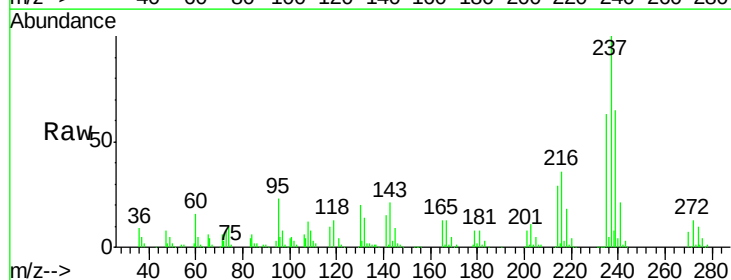
Tgt Ion:237 Resp: 168051

Ion Ratio Lower Upper

237 100

235 63.4 42.6 82.6

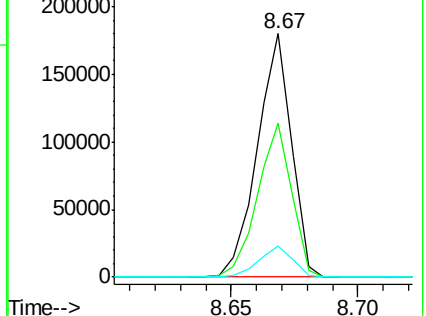
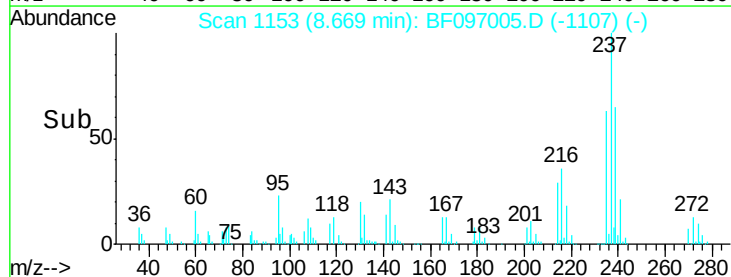
272 12.8 0.0 31.9

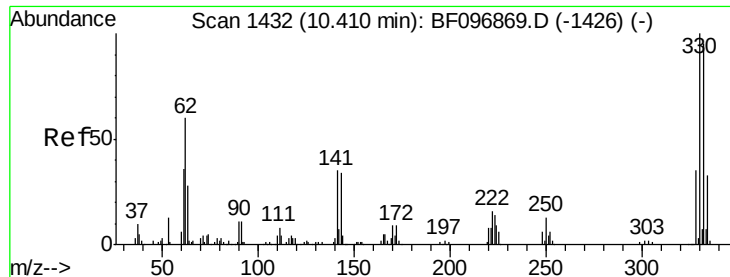


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 151.64 ng

RT: 10.34 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

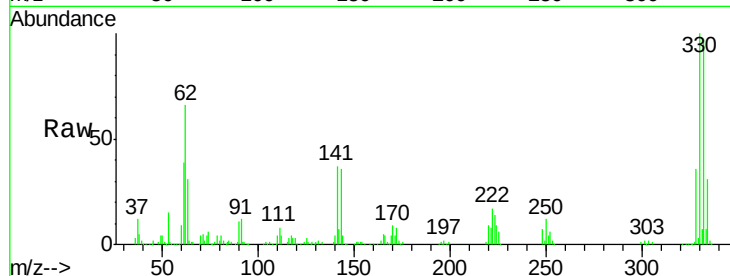
Tot Ion:330 Resp: 279714

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

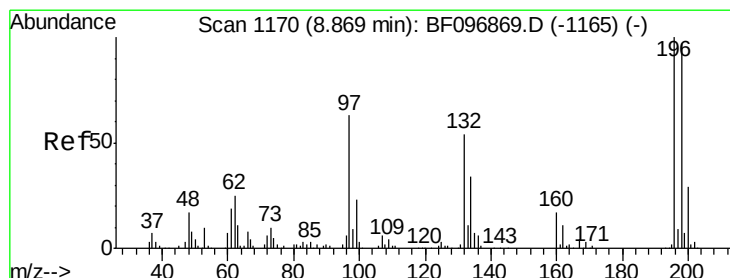
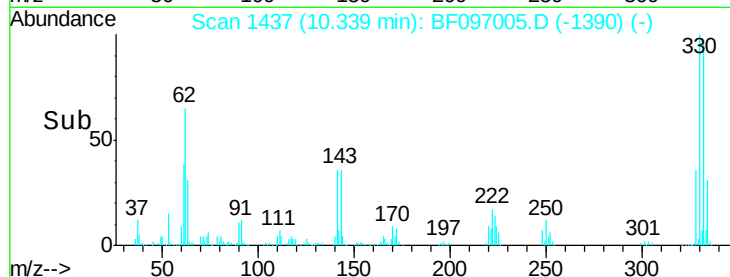
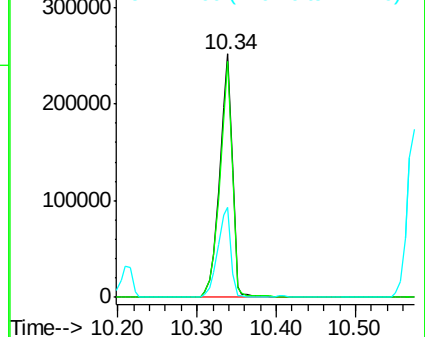
141 38.3 31.4 47.2



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: 43.57 ng

RT: 8.80 min Scan# 1175

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

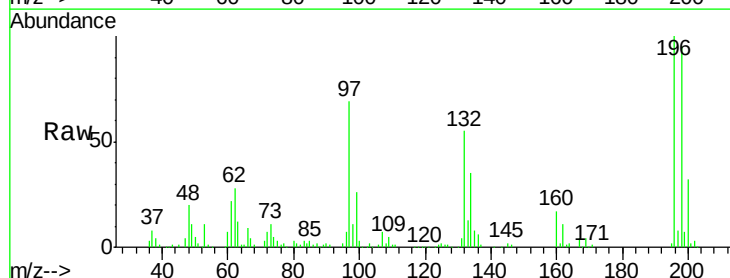
Tgt Ion:196 Resp: 187729

Ion Ratio Lower Upper

196 100

198 94.8 74.2 111.4

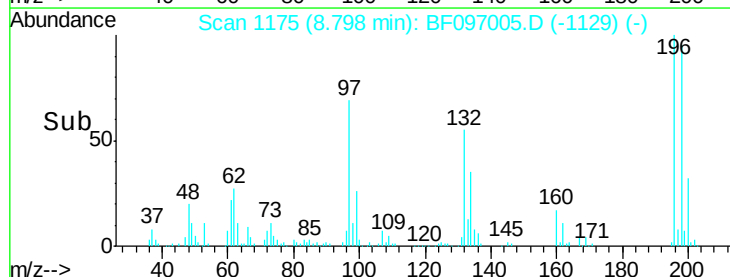
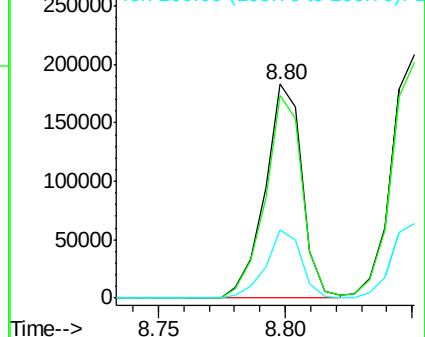
200 31.7 24.0 36.0

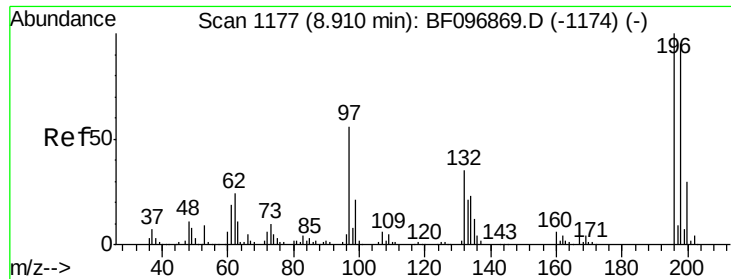


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

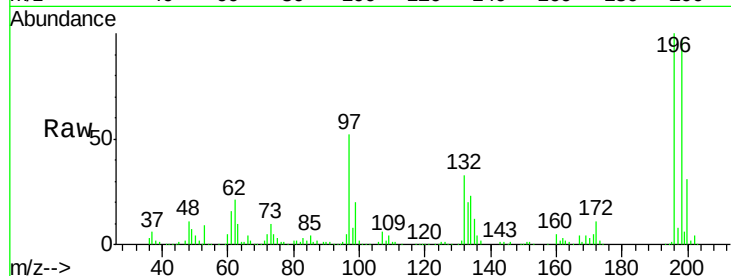




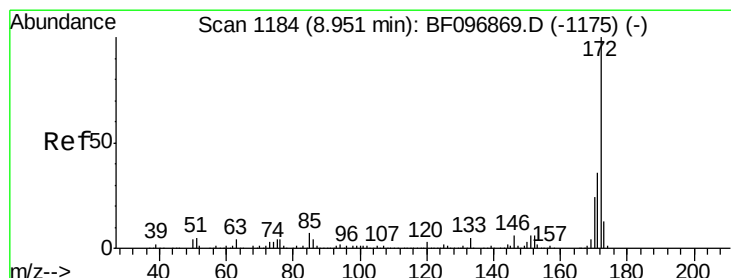
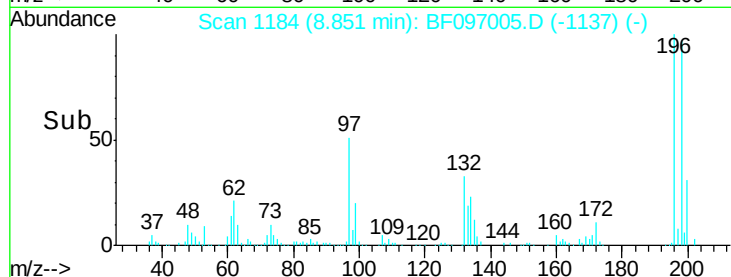
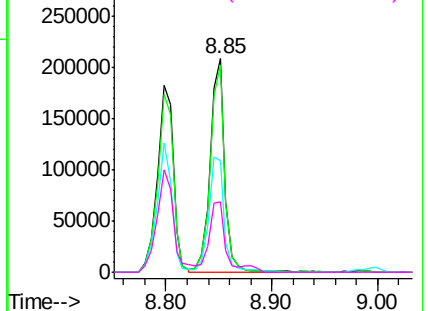
#43
 2,4,5-Trichlorophenol
 Concen: 46.13 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion:196 Resp: 200446
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 97 51.9 47.7 71.5
 132 33.2 28.0 42.0

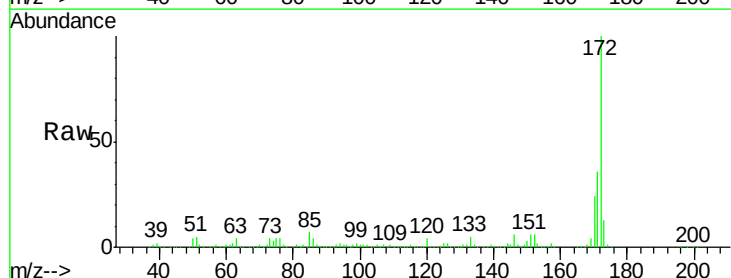


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

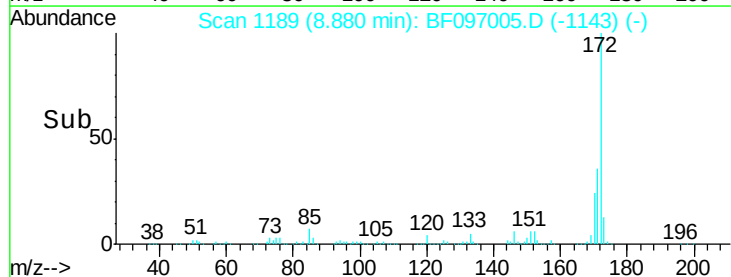
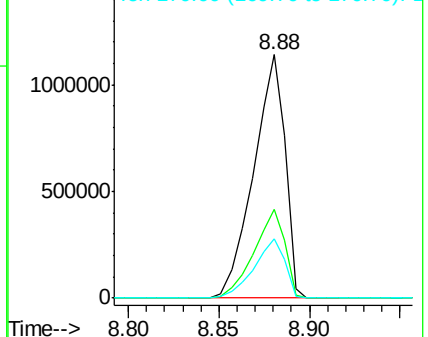


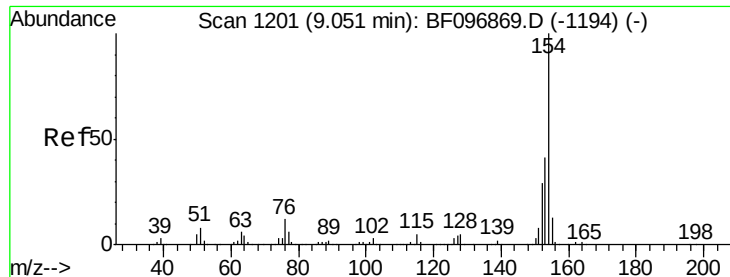
#44
 2-Fluorobiphenyl
 Concen: 100.48 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:172 Resp: 1374257
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 42.71 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

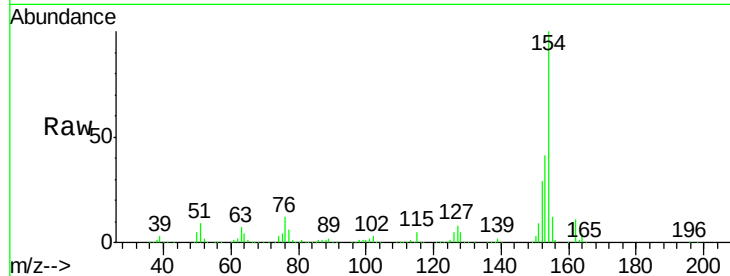
Tot Ion:154 Resp: 791522

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

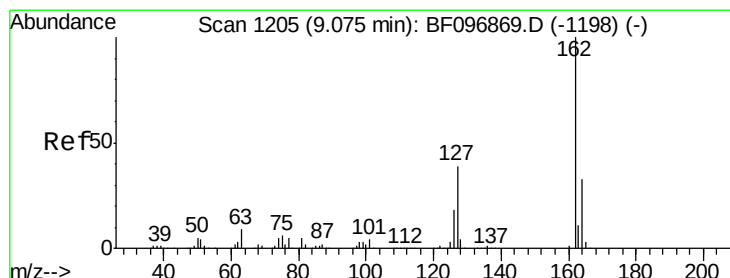
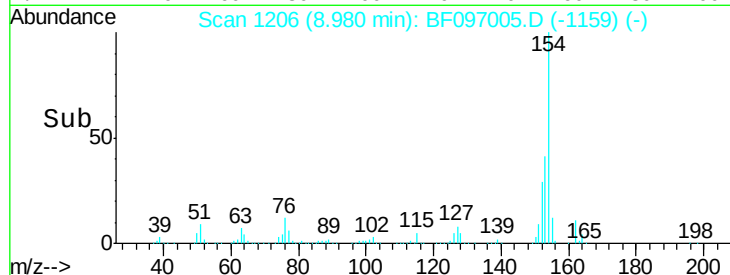
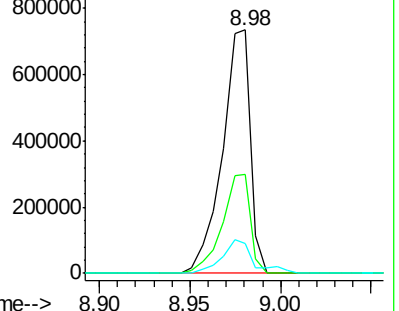
76 12.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.88 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

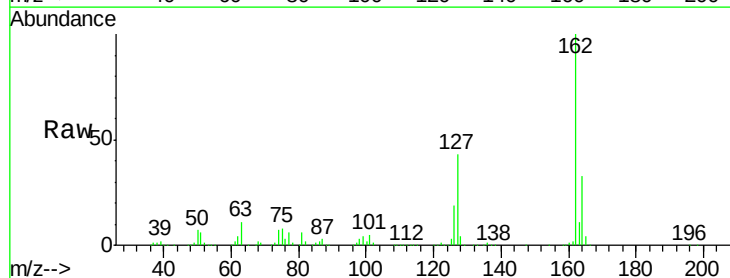
Tgt Ion:162 Resp: 612443

Ion Ratio Lower Upper

162 100

127 42.6 28.3 42.5#

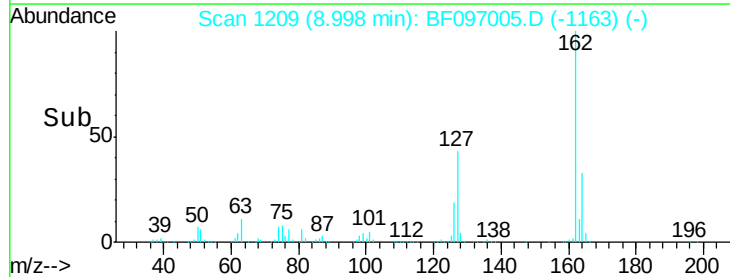
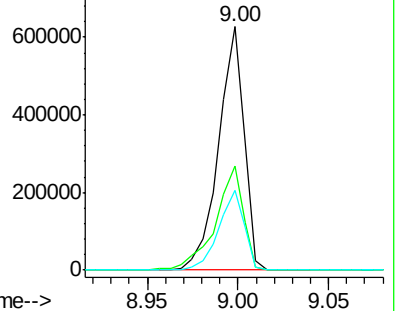
164 32.7 27.0 40.4

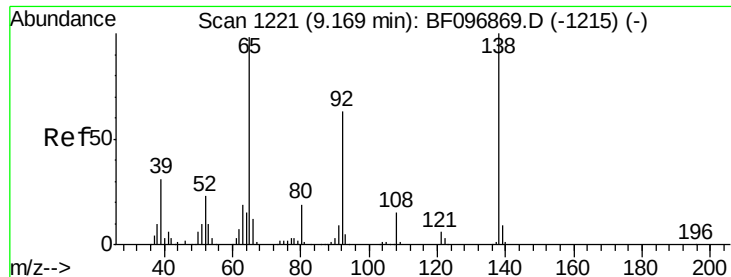


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

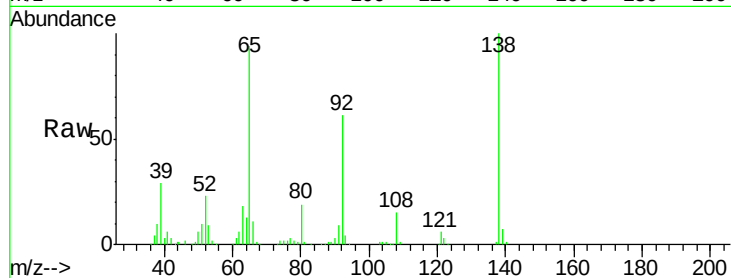




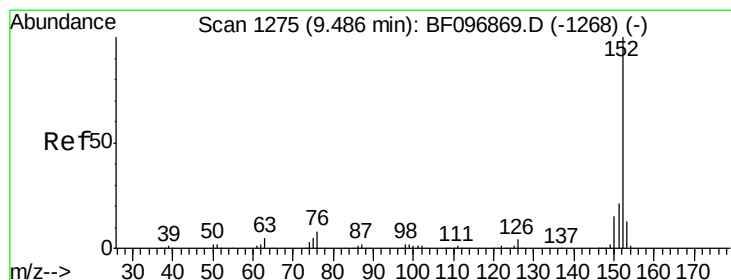
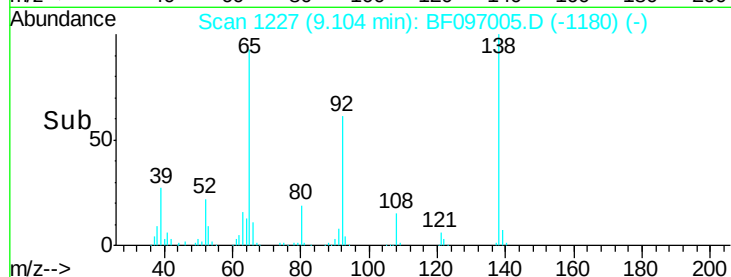
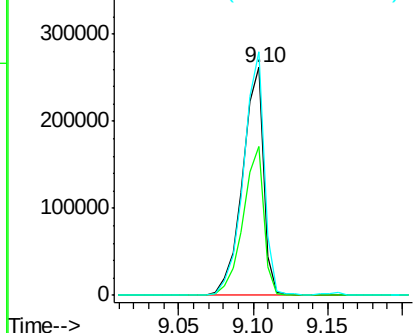
#47
2-Nitroaniline
Concen: 54.90 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion: 65 Resp: 257557
Ion Ratio Lower Upper
65 100
92 65.3 53.9 80.9
138 106.7 78.8 118.2

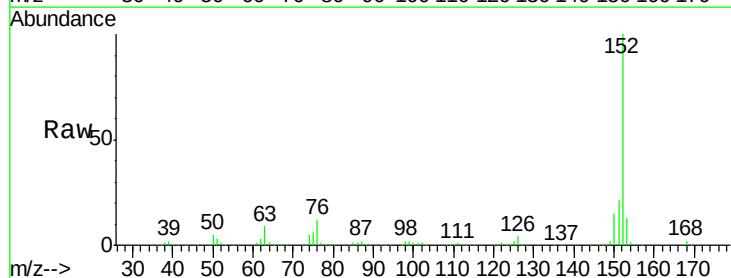


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

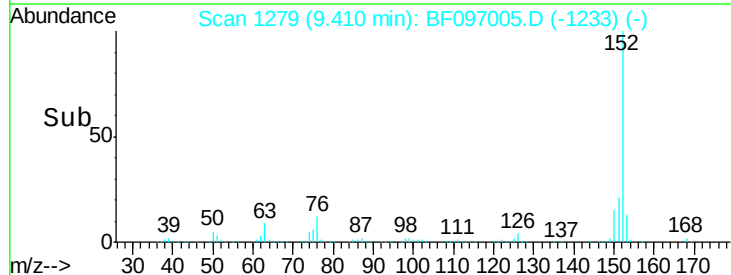
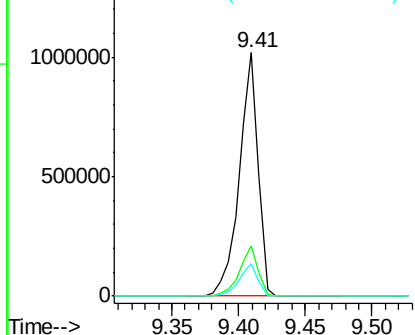


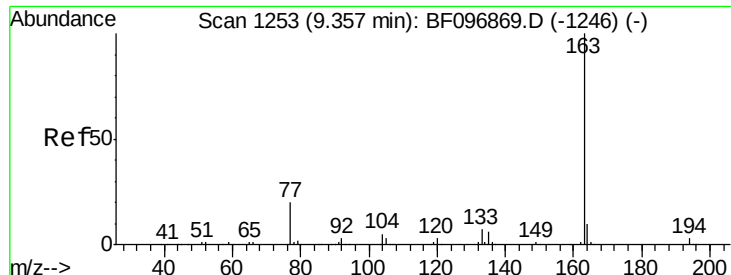
#48
Acenaphthylene
Concen: 45.69 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion: 152 Resp: 993564
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.2 10.8 16.2



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

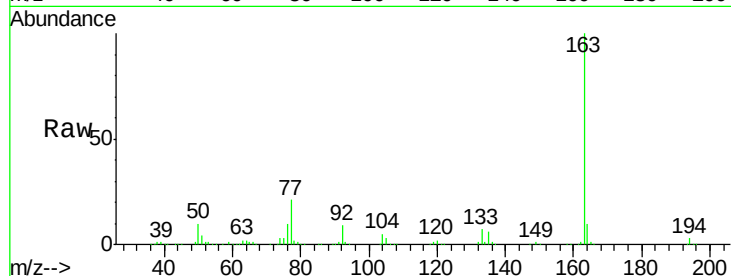




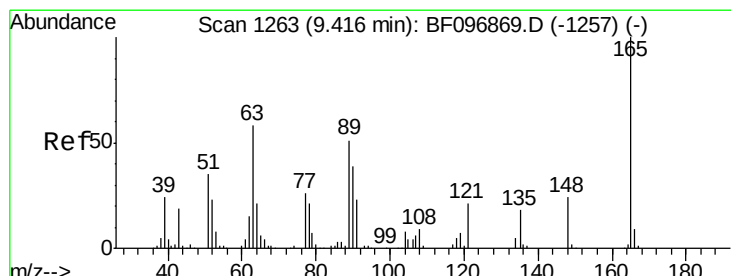
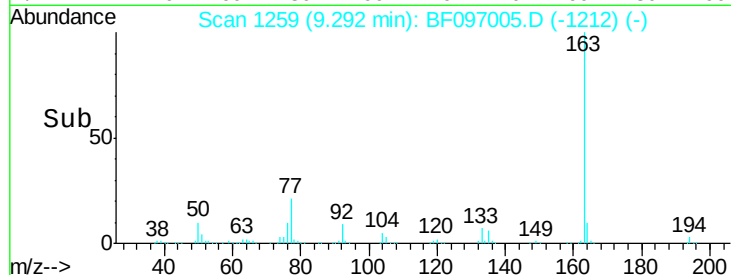
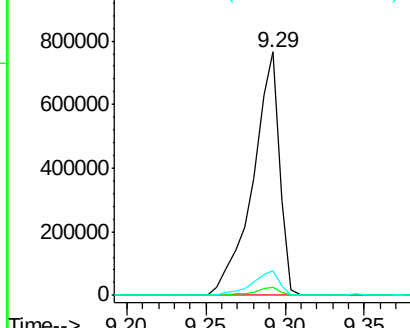
#49
Dimethylphthalate
Concen: 55.17 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion:163 Resp: 897610
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.4 12.6

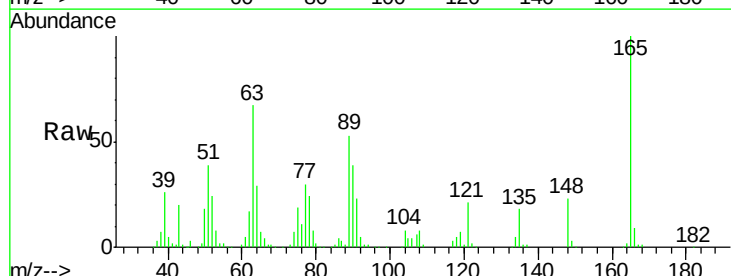


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

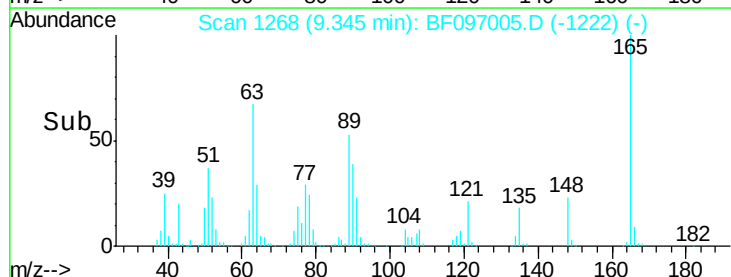
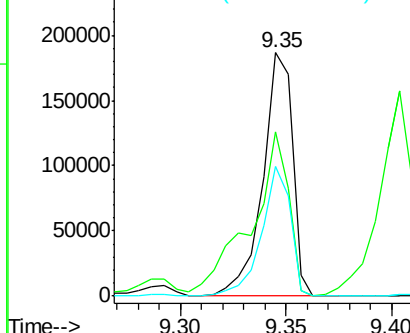


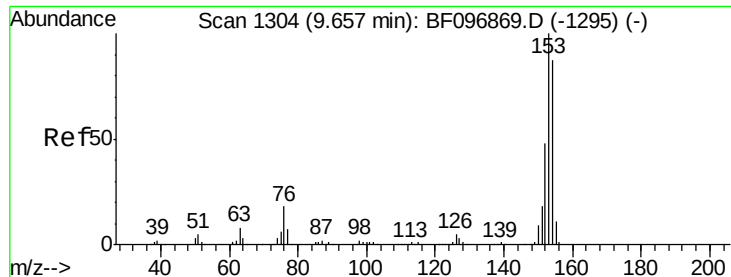
#50
2,6-Dinitrotoluene
Concen: 52.08 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:165 Resp: 183536
Ion Ratio Lower Upper
165 100
63 67.3 34.3 51.5#
89 53.0 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: 46.94 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

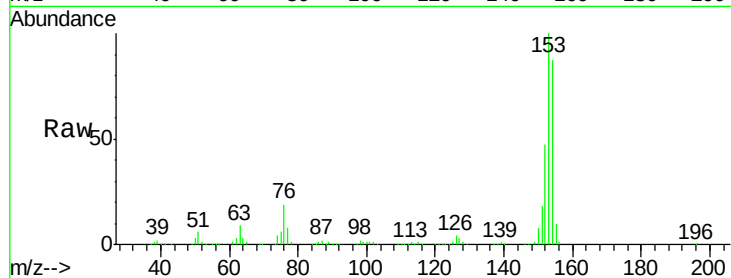
Tot Ion:154 Resp: 602902

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

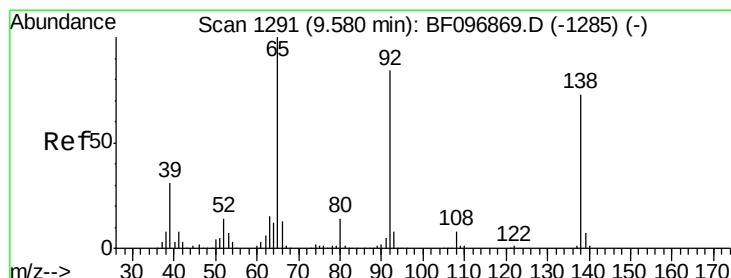
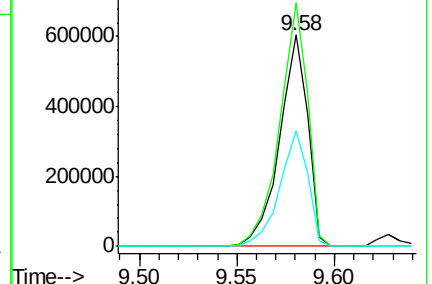
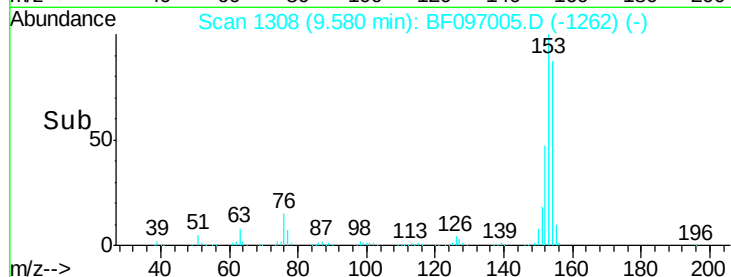
152 54.6 43.6 65.4



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: 49.65 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

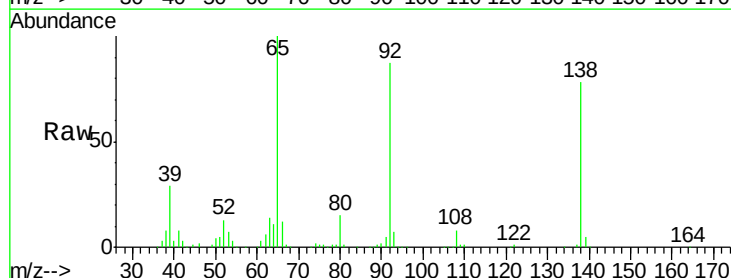
Tgt Ion:138 Resp: 207289

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

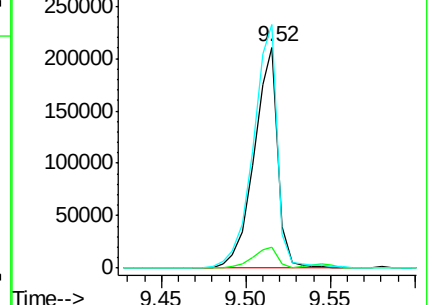
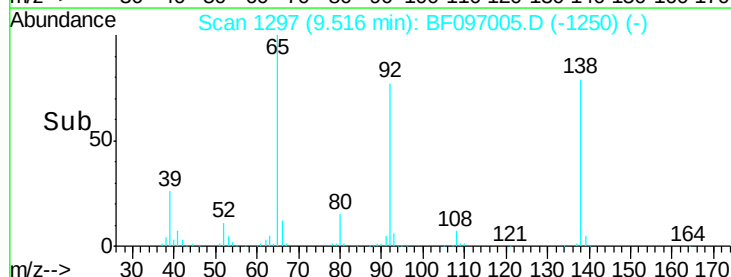
92 110.4 93.8 140.6

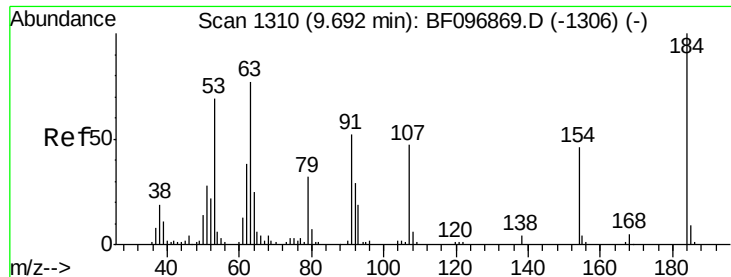


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

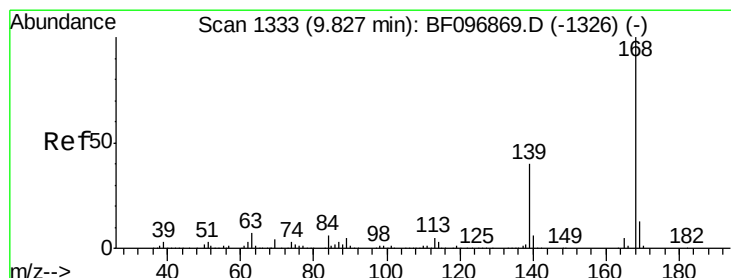
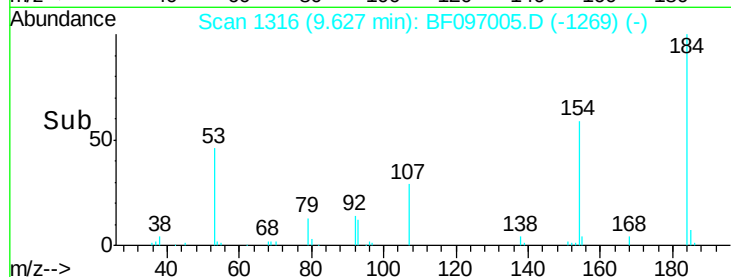
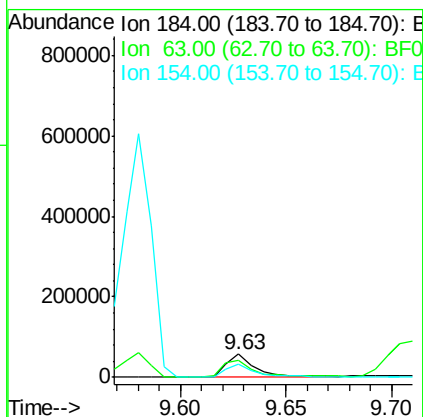
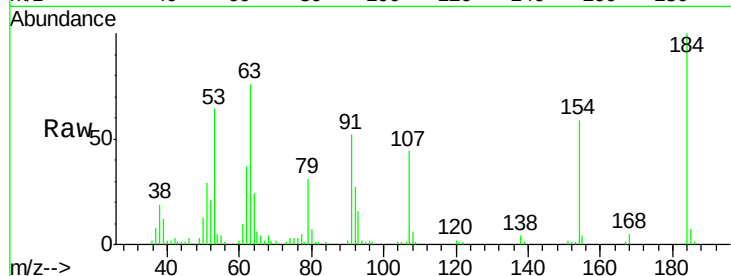




#53
 2,4-Dinitrophenol
 Concen: 36.53 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

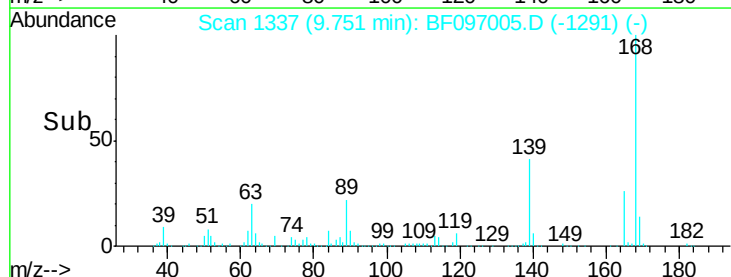
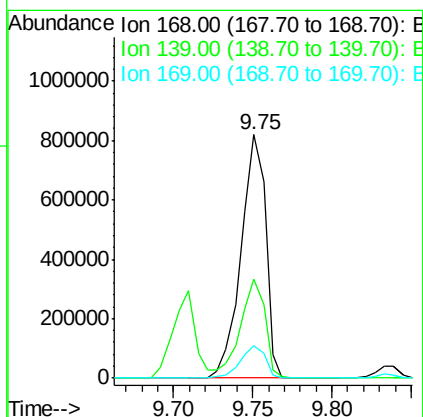
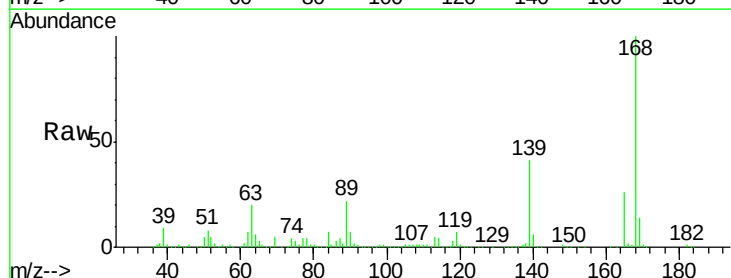
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

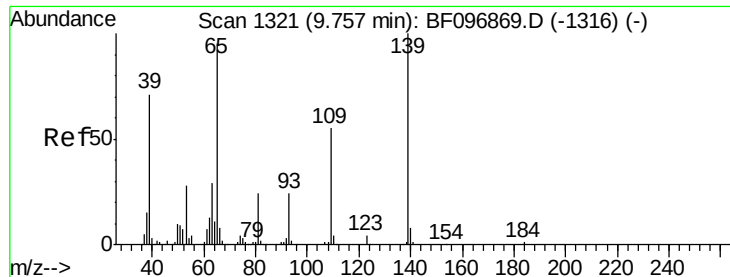
Tot Ion:184 Resp: 56758
 Ion Ratio Lower Upper
 184 100
 63 76.2 62.7 94.1
 154 58.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.89 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:168 Resp: 879963
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.6 45.8
 169 13.6 10.8 16.2

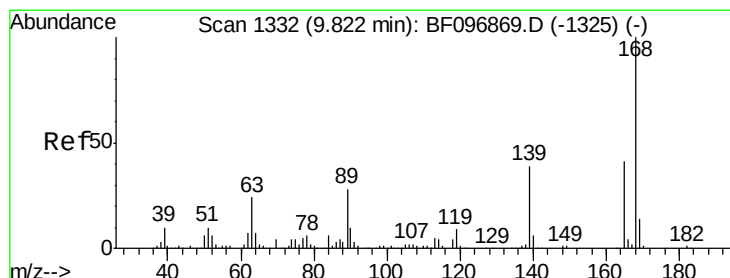
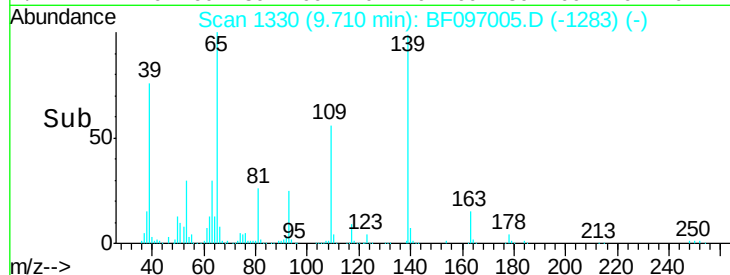
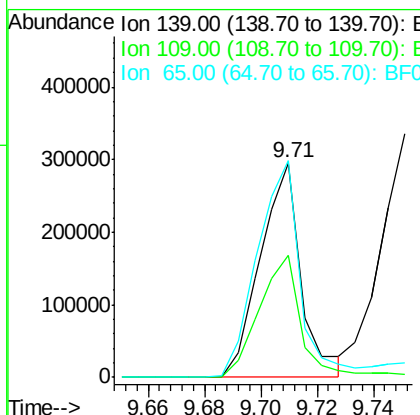
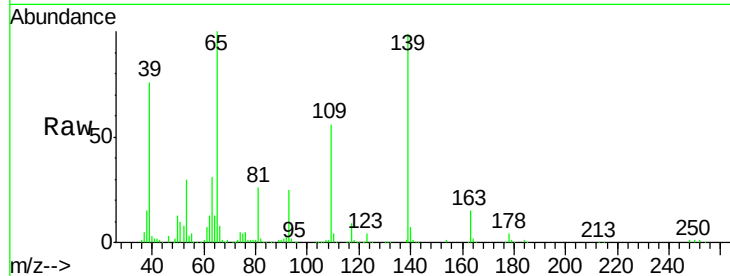




#55
4-Nitrophenol
Concen: 97.02 ng
RT: 9.71 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

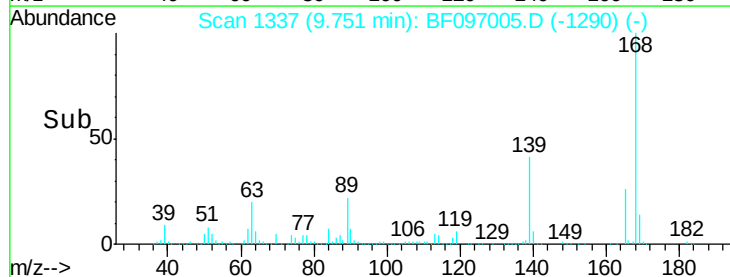
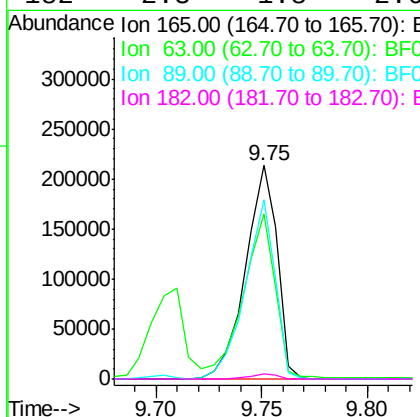
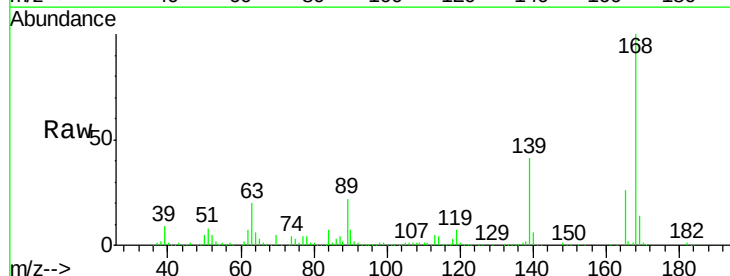
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

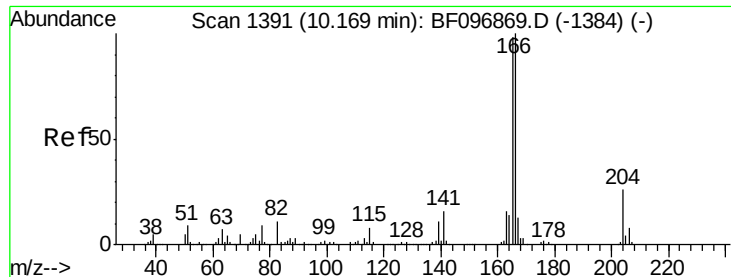
Tot Ion:139 Resp: 295923
Ion Ratio Lower Upper
139 100
109 56.6 34.1 74.1
65 100.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.92 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:165 Resp: 221570
Ion Ratio Lower Upper
165 100
63 77.1 25.4 38.0#
89 84.0 46.4 69.6#
182 2.3 1.8 2.6

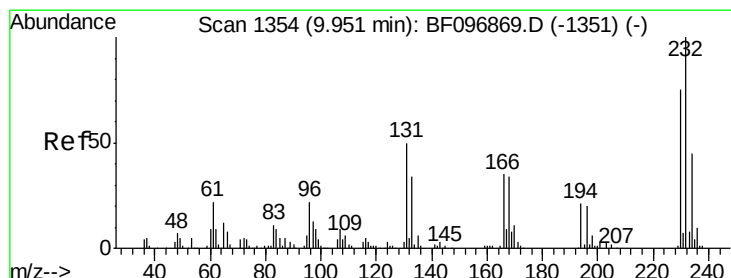
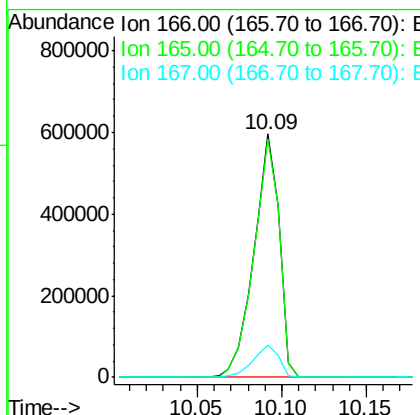
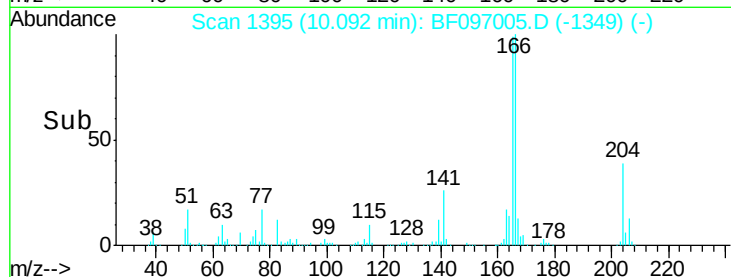
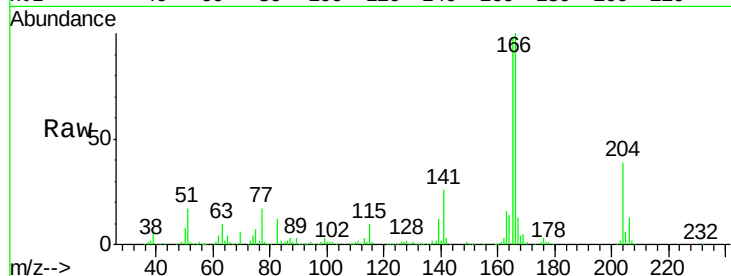




#57
 Fluorene
 Concen: 46.84 ng
 RT: 10.09 min Scan# 1395
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

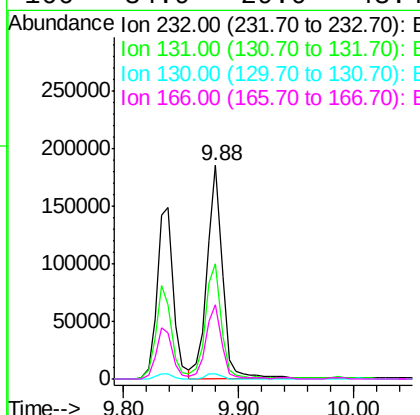
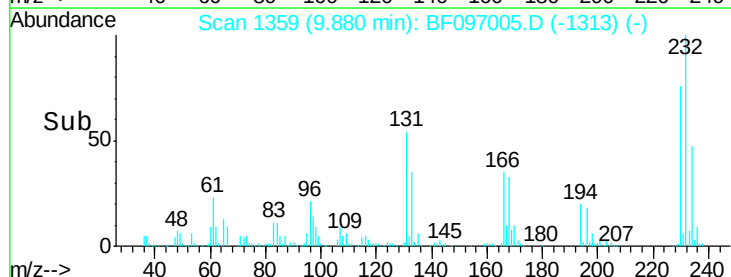
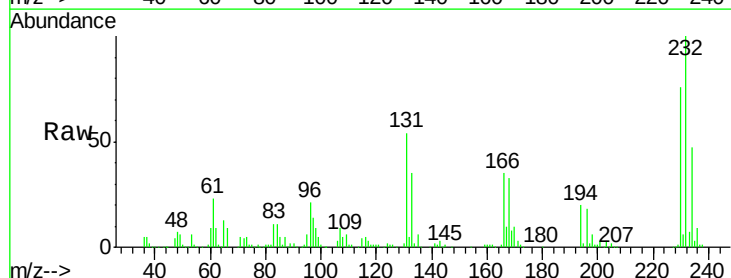
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

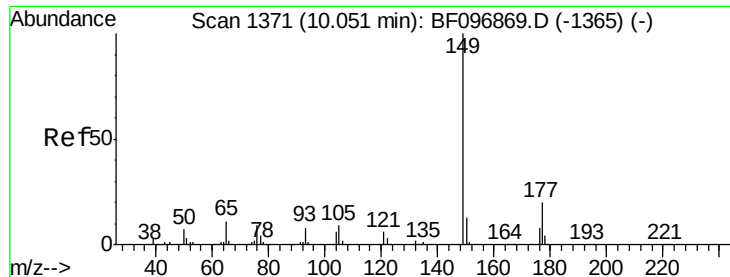
Tot Ion:166 Resp: 623091
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.00 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:232 Resp: 171789
 Ion Ratio Lower Upper
 232 100
 131 55.4 44.8 67.2
 130 2.7 2.3 3.5
 166 34.9 29.0 43.4

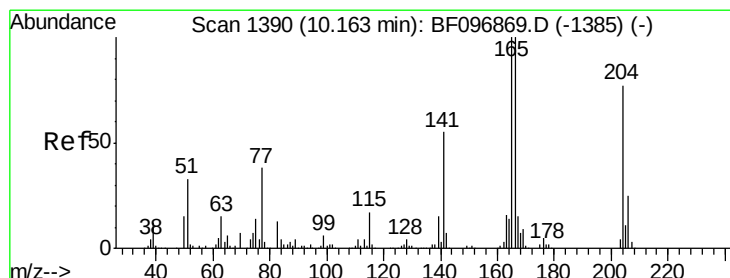
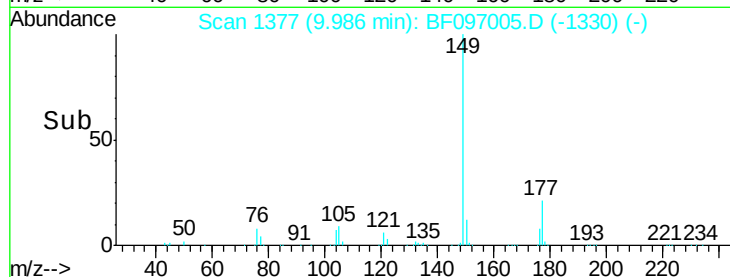
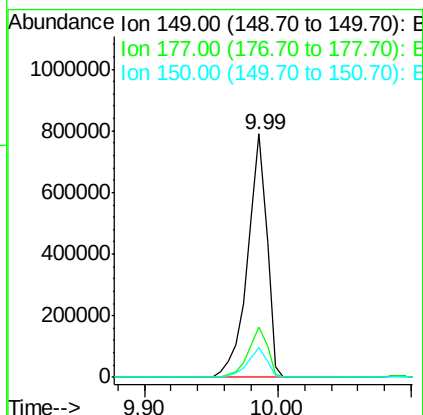
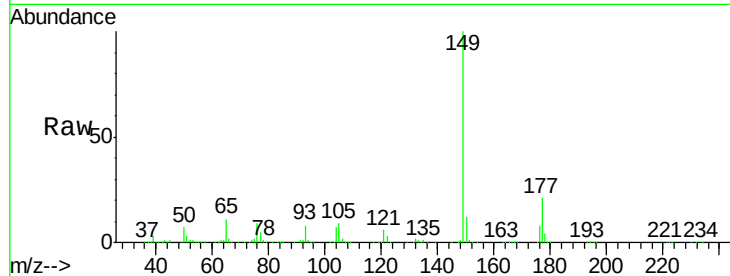




#59
Diethylphthalate
Concen: 49.19 ng
RT: 9.99 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

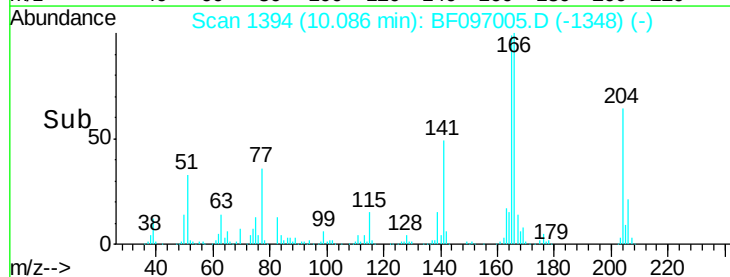
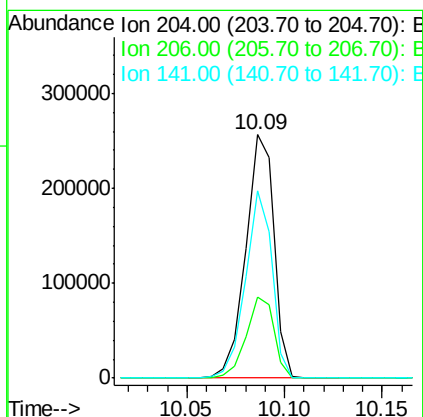
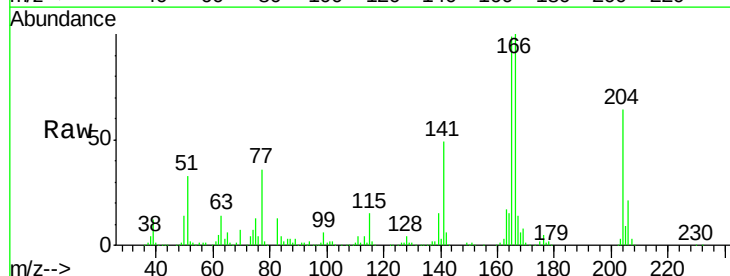
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

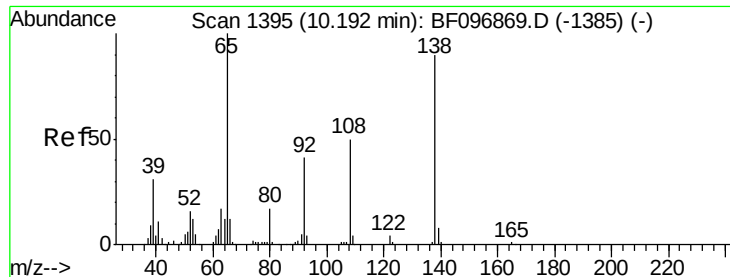
Tot Ion:149 Resp: 779212
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.42 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:204 Resp: 257429
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 76.9 60.8 91.2





#61

4-Nitroaniline

Concen: 59.37 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

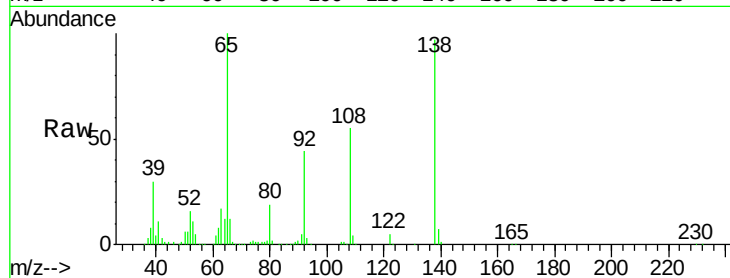
Tot Ion:138 Resp: 232751

Ion Ratio Lower Upper

138 100

92 45.7 21.8 61.8

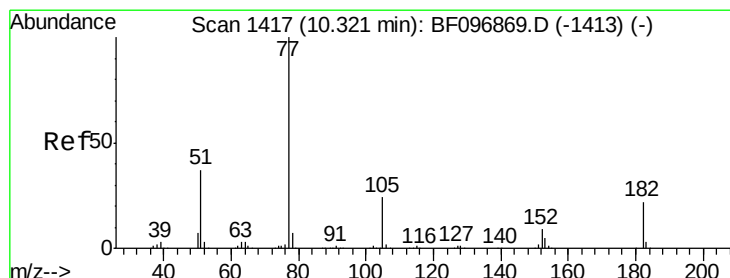
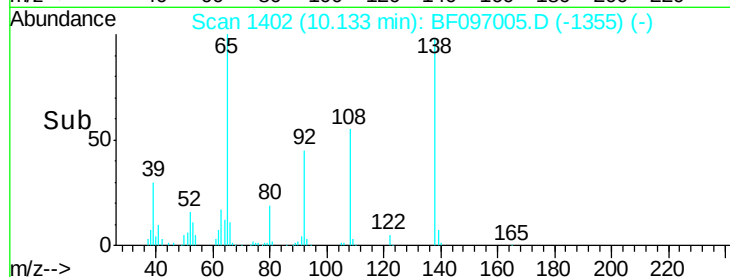
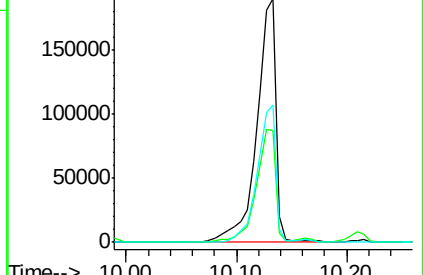
108 56.3 42.3 82.3



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: 55.97 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Tgt Ion: 77 Resp: 782116

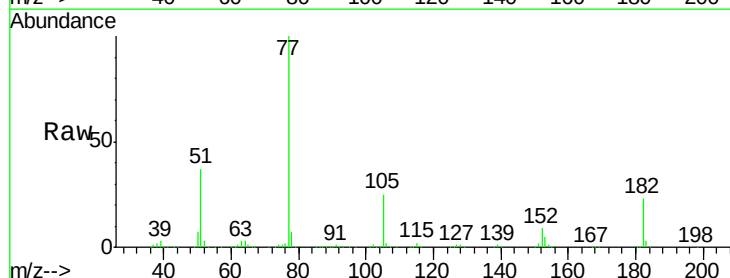
Ion Ratio Lower Upper

77 100

182 22.6 0.1 40.1

105 24.7 3.6 43.6

51 37.0 9.4 49.4

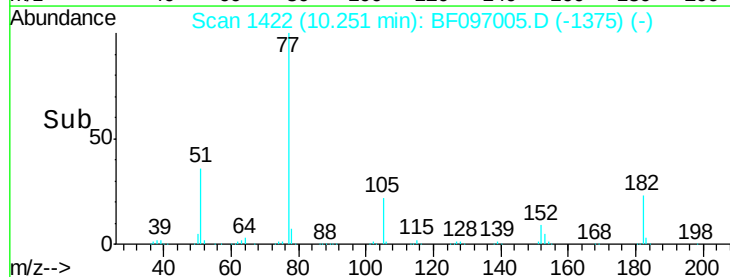
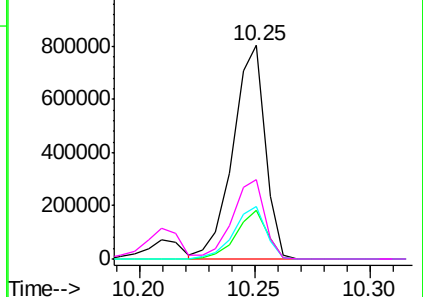


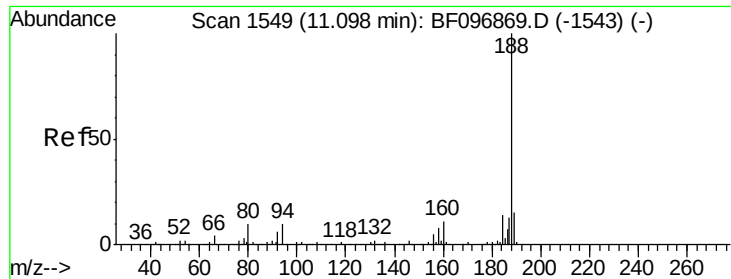
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

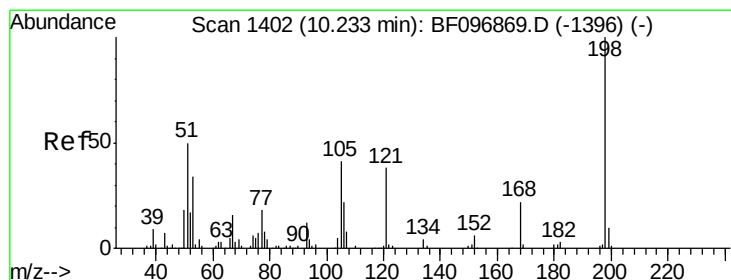
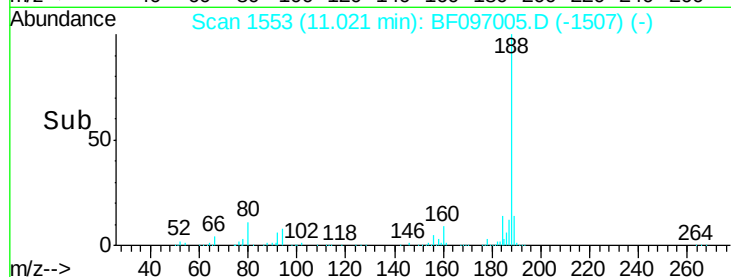
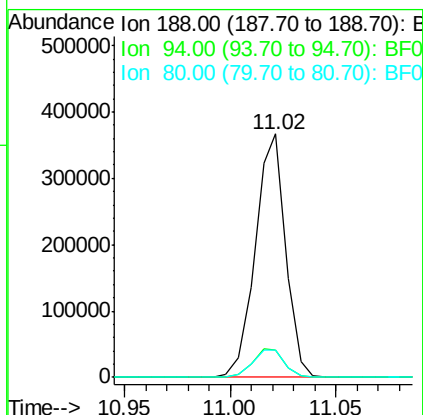
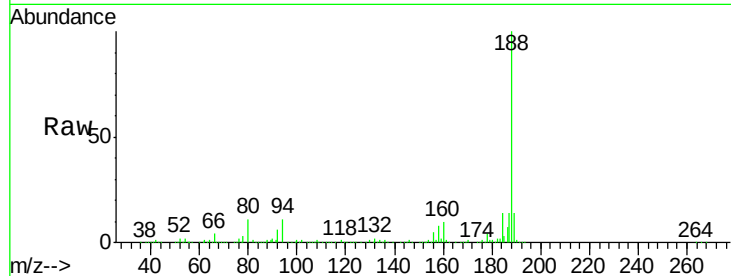




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

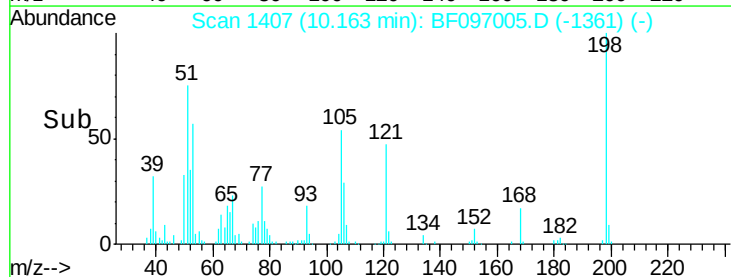
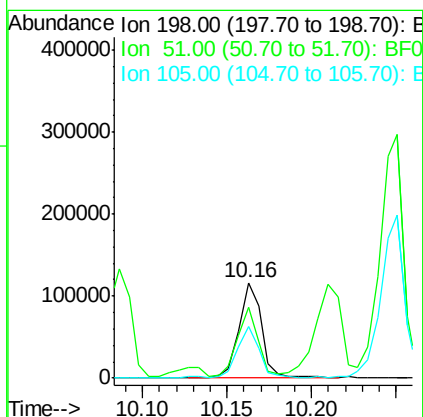
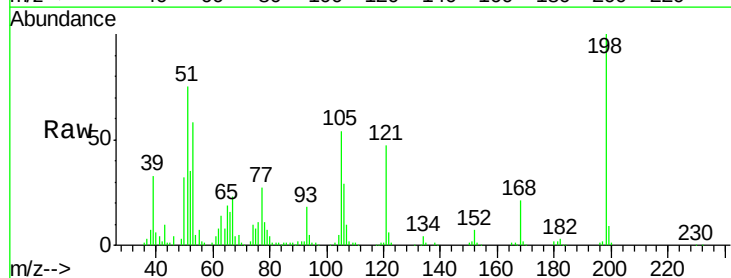
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

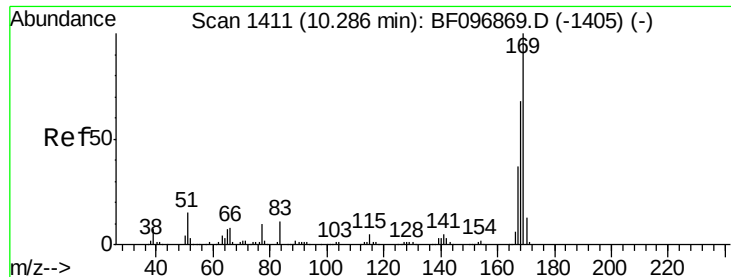
Tot Ion:188 Resp: 366087
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 47.53 ng
RT: 10.16 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:198 Resp: 109242
Ion Ratio Lower Upper
198 100
51 75.0 53.2 93.2
105 53.8 45.8 85.8

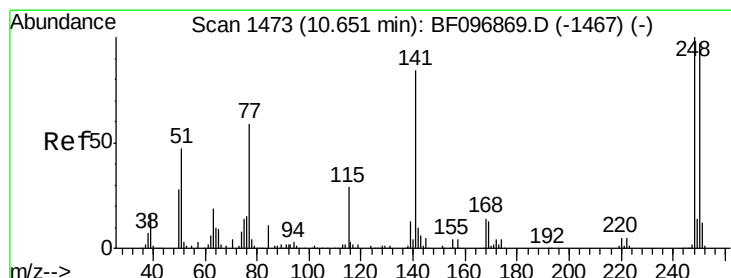
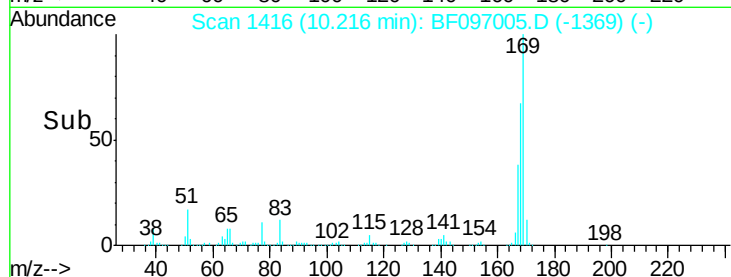
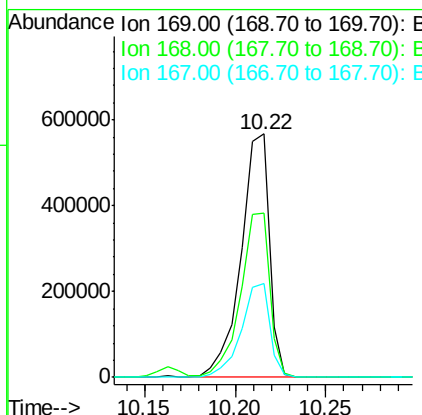
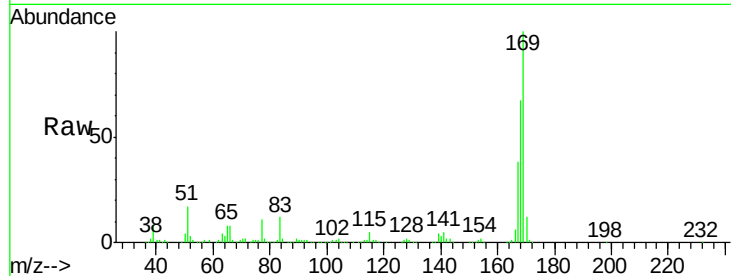




#65
 n-Nitrosodiphenylamine
 Concen: 47.23 ng
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

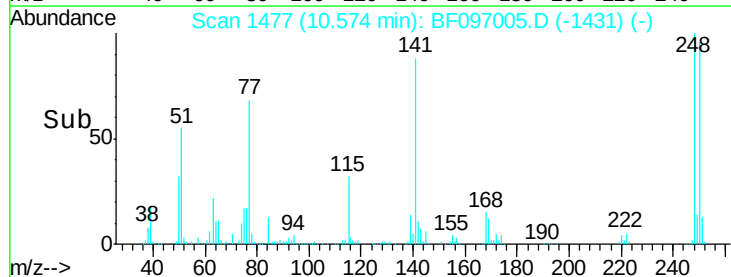
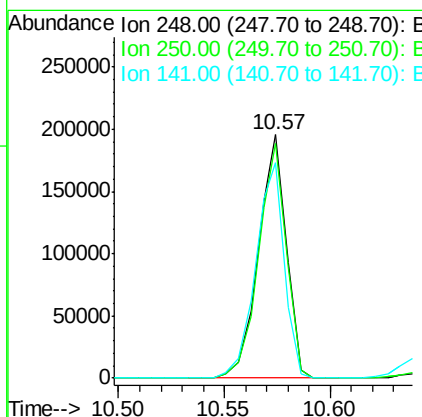
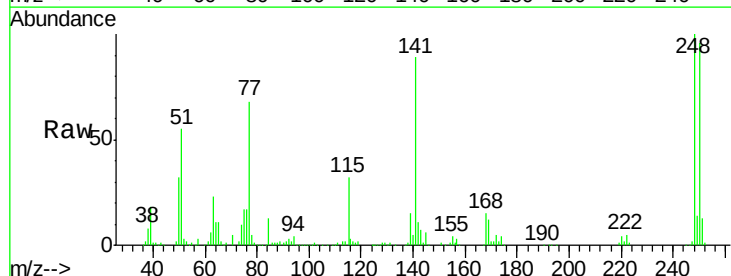
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

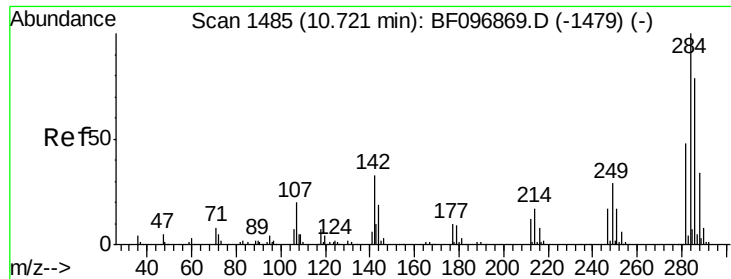
Tot Ion:169 Resp: 618032
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 38.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 48.01 ng
 RT: 10.57 min Scan# 1477
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:248 Resp: 179450
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.8 115.2
 141 88.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 43.94 ng

RT: 10.64 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

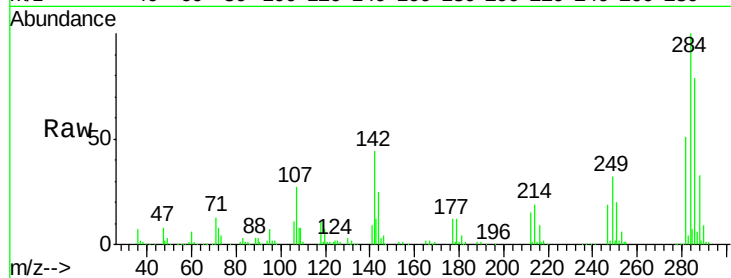
Tot Ion:284 Resp: 182902

Ion Ratio Lower Upper

284 100

142 43.9 22.8 34.2#

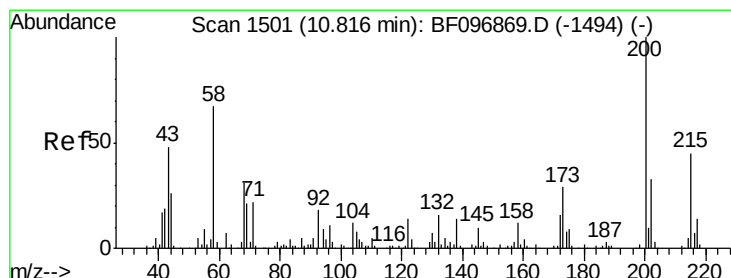
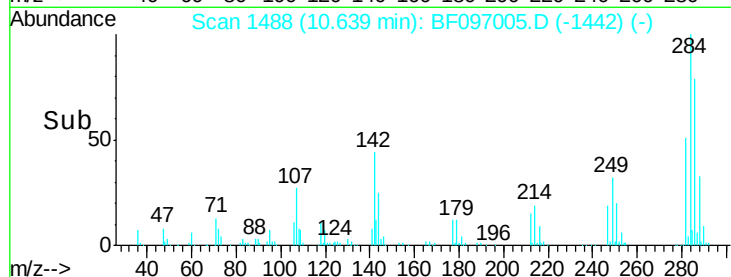
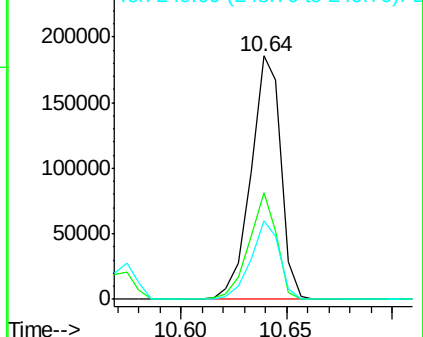
249 32.3 24.0 36.0



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: 50.90 ng

RT: 10.74 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

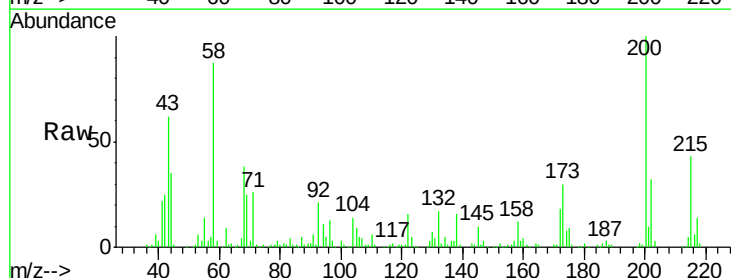
Tgt Ion:200 Resp: 189763

Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

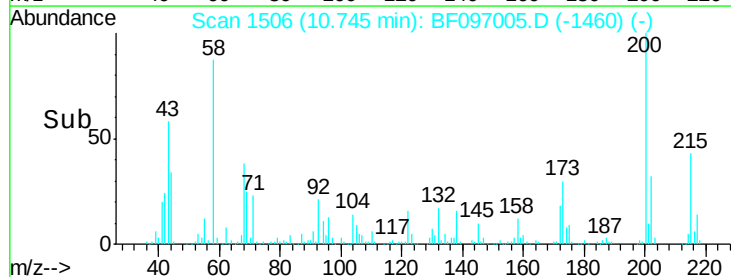
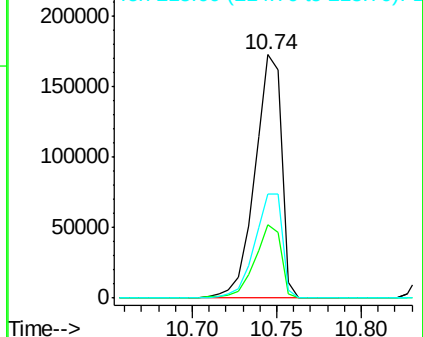
215 42.9 27.2 67.2

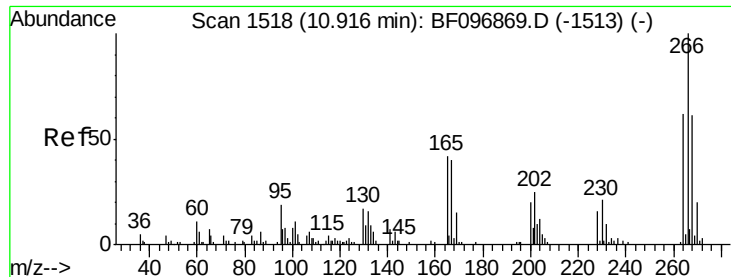


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

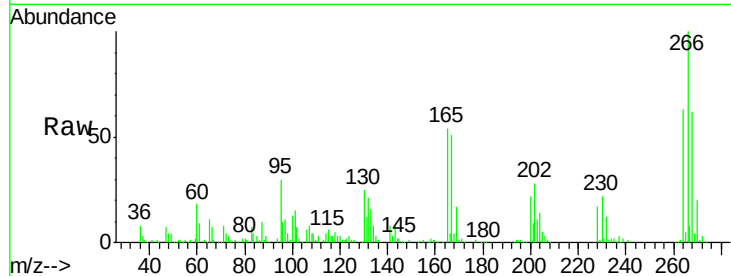




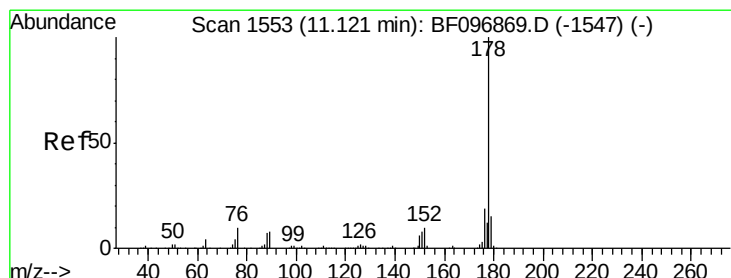
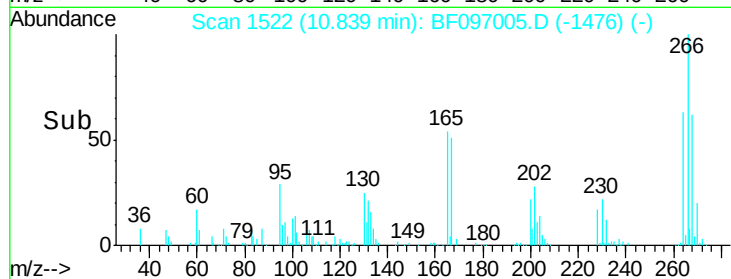
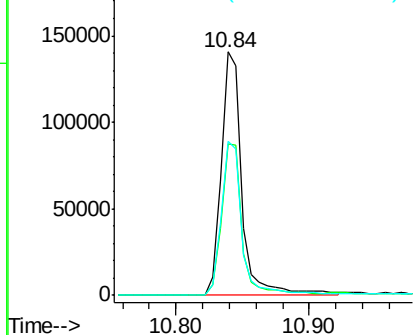
#69
 Pentachlorophenol
 Concen: 76.75 ng
 RT: 10.84 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion:266 Resp: 154349
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.3 51.7 77.5

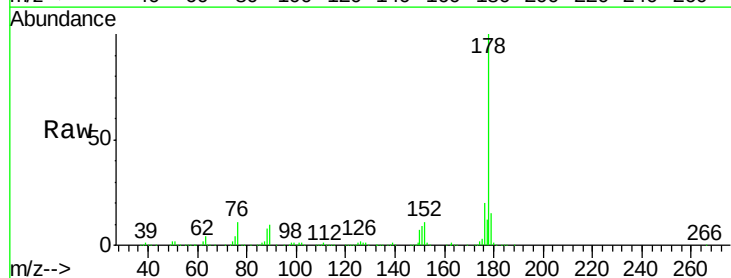


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

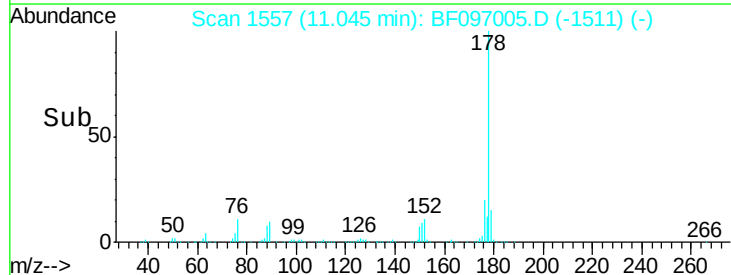
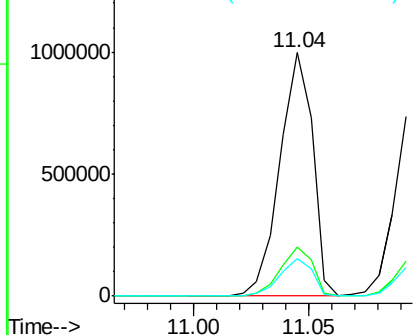


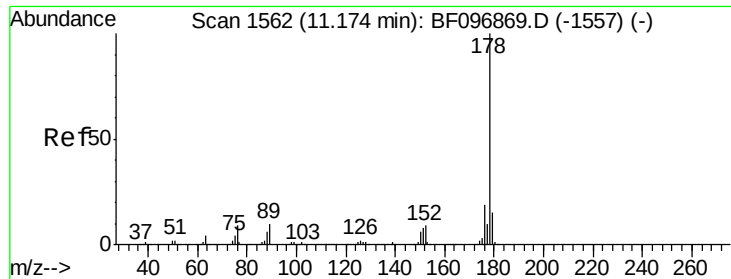
#70
 Phenanthrene
 Concen: 49.20 ng
 RT: 11.04 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:178 Resp: 979408
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.3 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

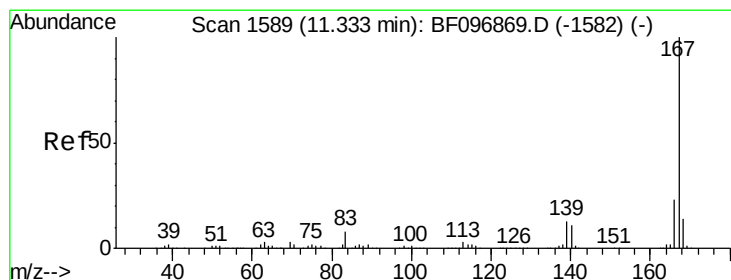
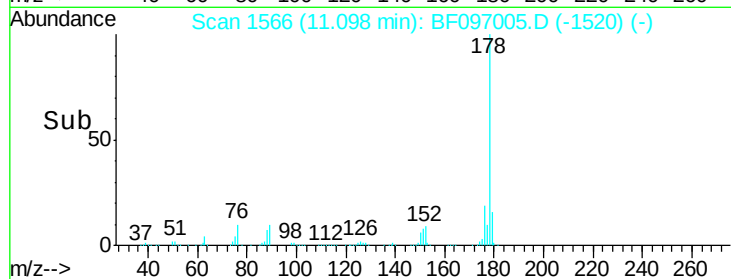
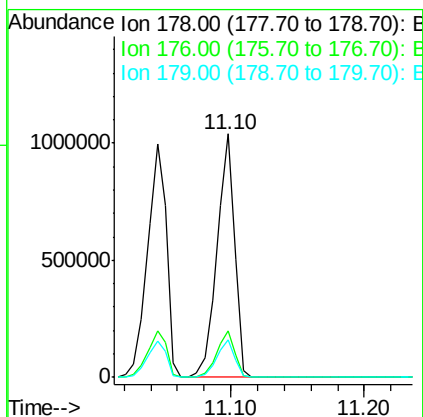
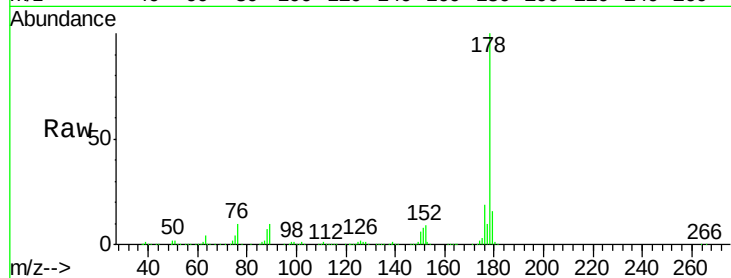




#71
 Anthracene
 Concen: 48.37 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

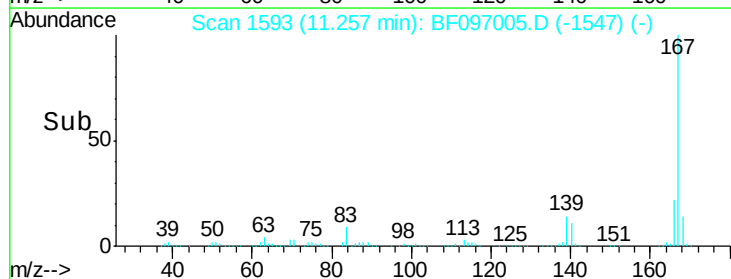
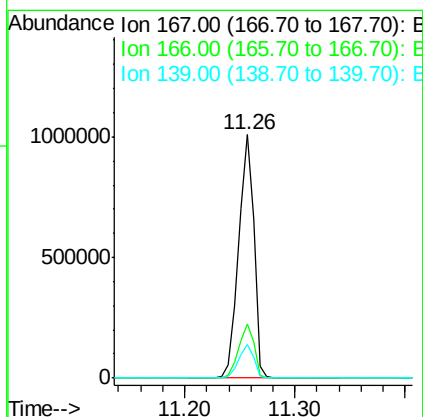
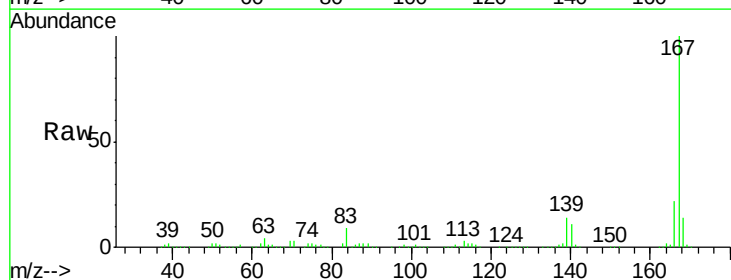
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

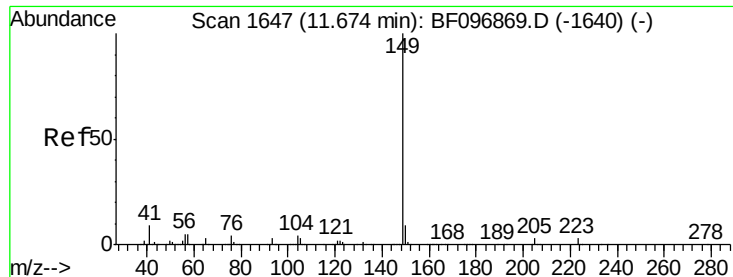
Tot Ion:178 Resp: 973570
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 50.85 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:167 Resp: 991006
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.63 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

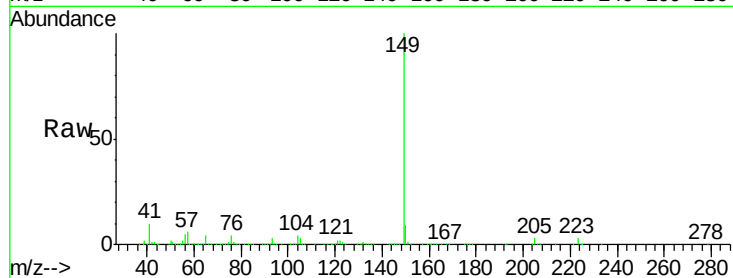
Tot Ion:149 Resp: 1180384

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

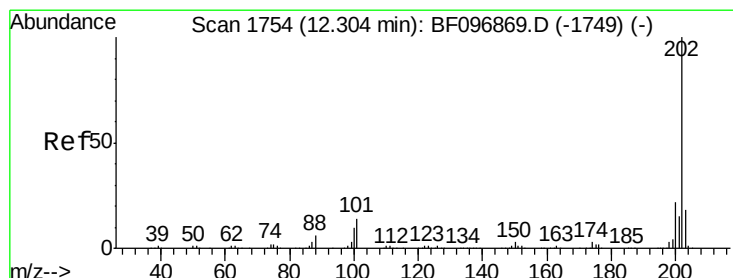
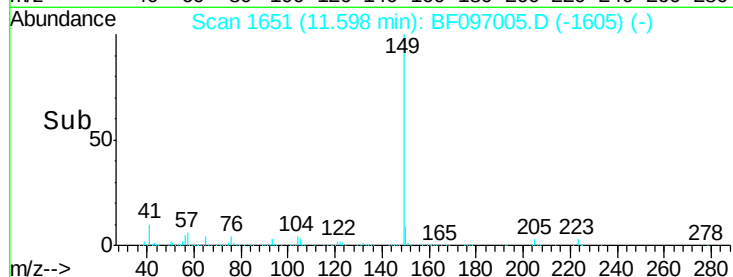
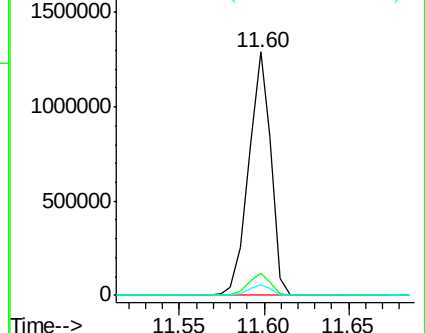
104 4.4 4.0 6.0



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: 49.83 ng

RT: 12.23 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

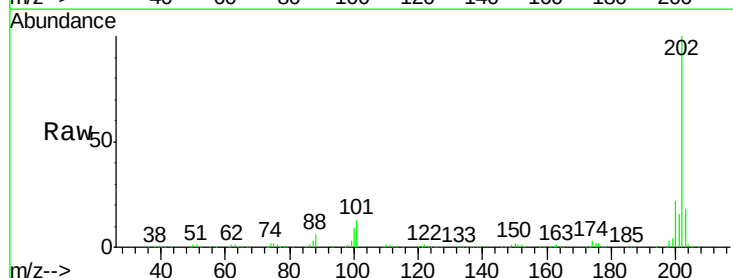
Tgt Ion:202 Resp: 949429

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

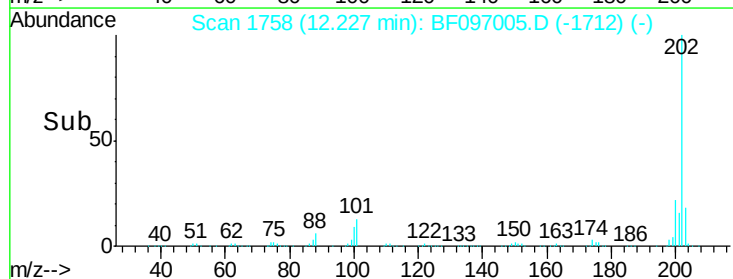
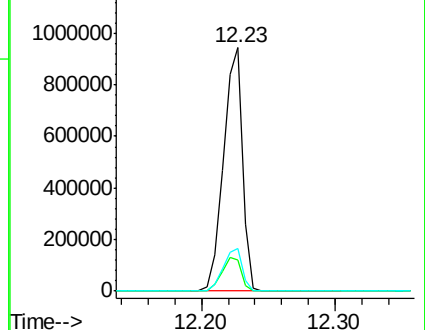
203 17.7 0.0 38.1

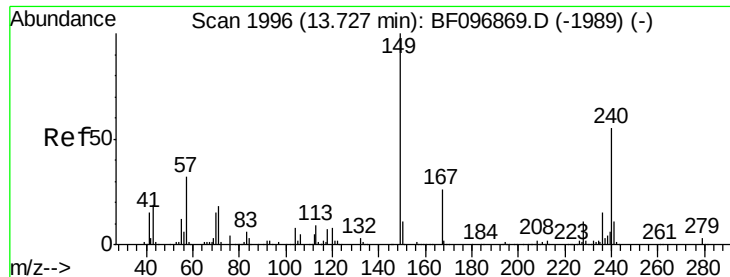


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1999

Delta R.T. -0.04 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

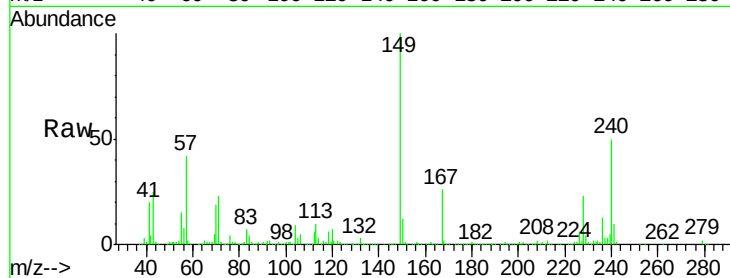
Tot Ion:240 Resp: 196716

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

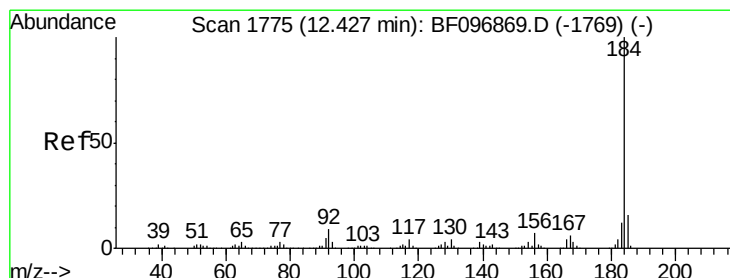
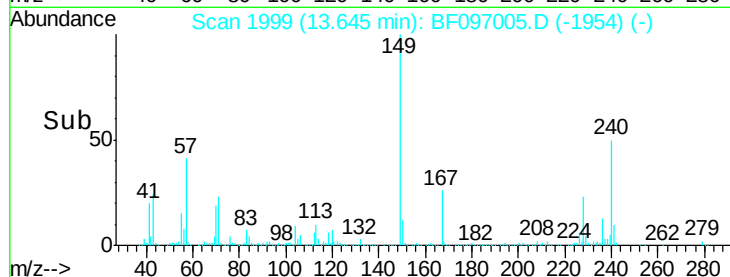
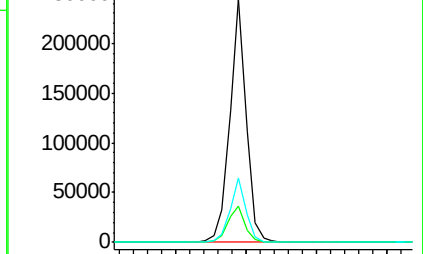
236 26.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.39 ng

RT: 12.35 min Scan# 1779

Delta R.T. -0.03 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

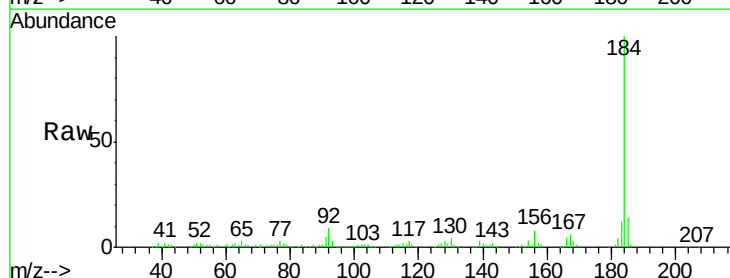
Tgt Ion:184 Resp: 228085

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

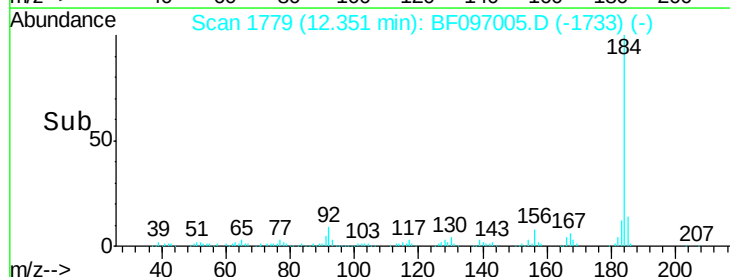
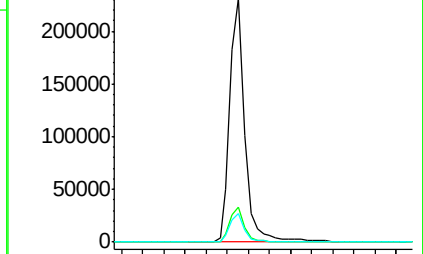
183 11.6 9.8 14.6

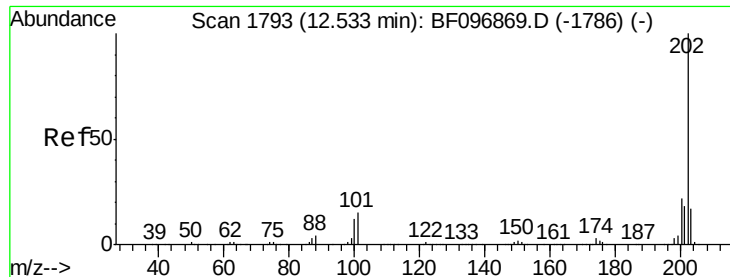


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

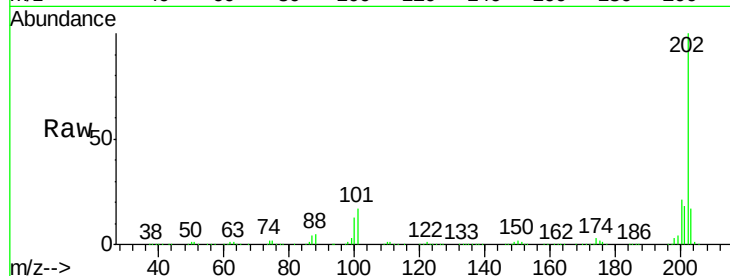




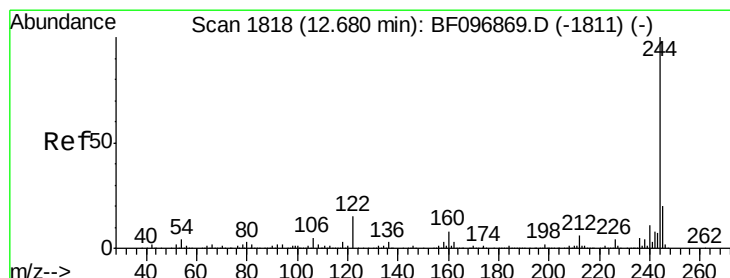
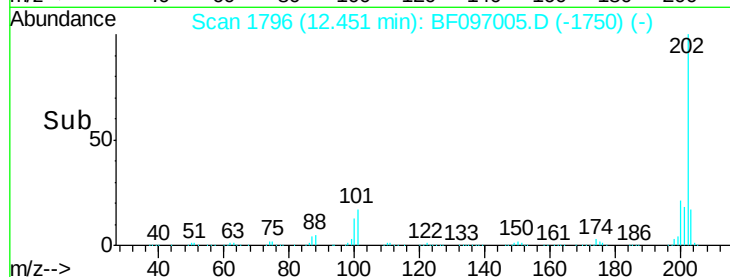
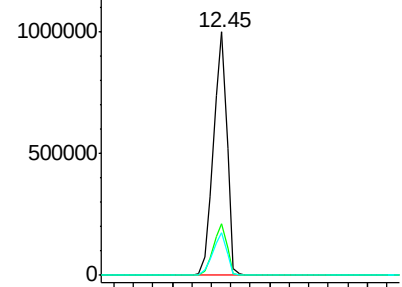
#77
Pvrene
Concen: 53.59 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Tot Ion:202 Resp: 956671
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.3 14.4 21.6

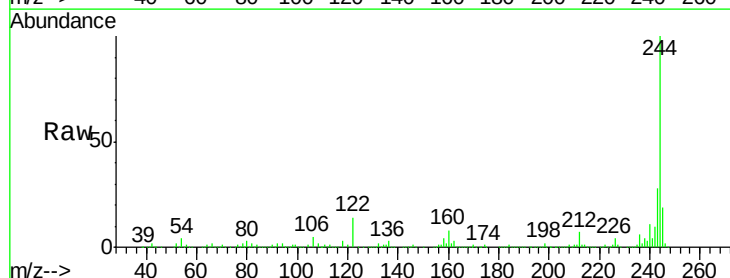


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

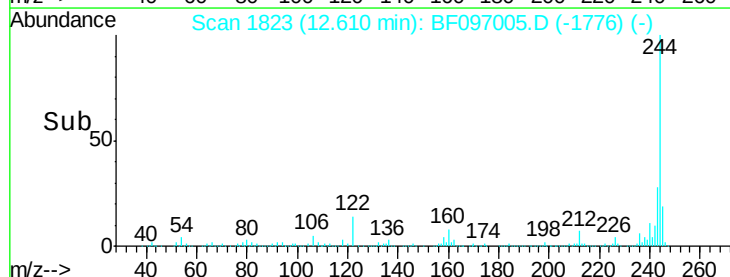
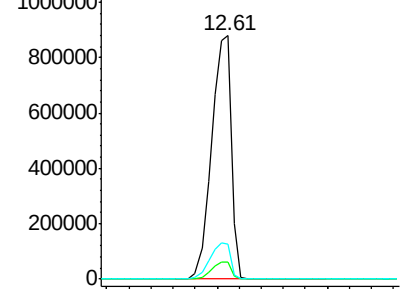


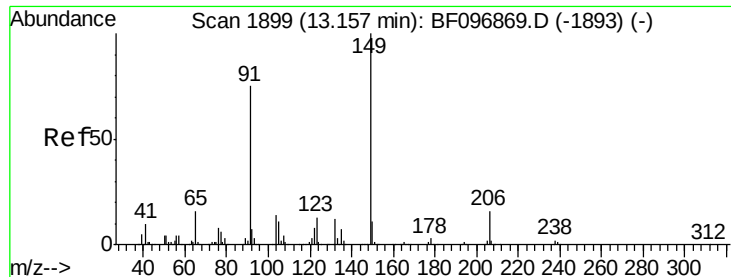
#78
Terphenyl-d14
Concen: 96.98 ng
RT: 12.61 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:244 Resp: 1100061
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.2 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

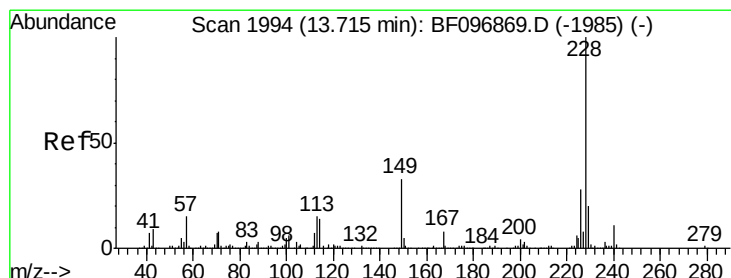
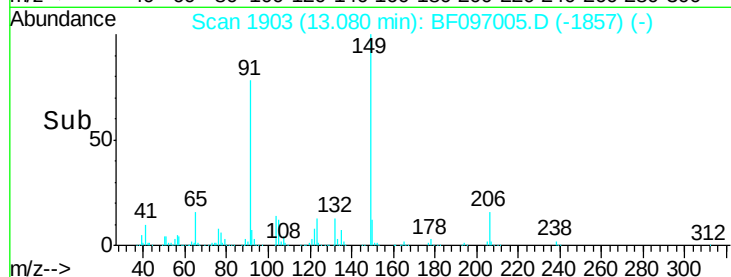
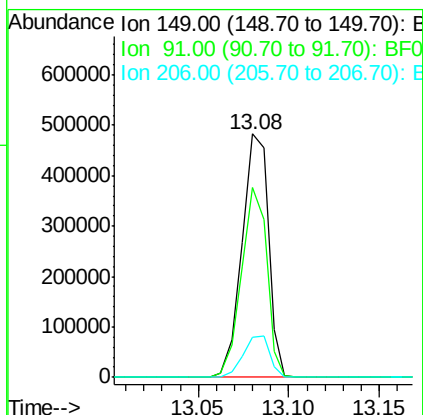
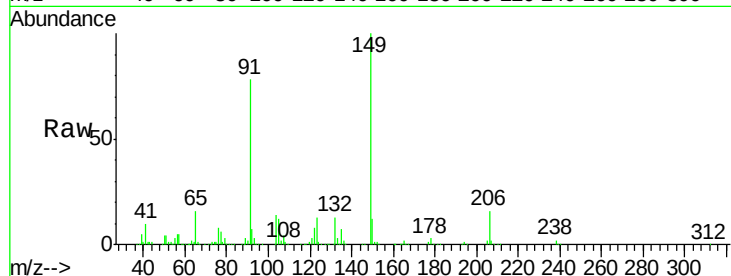




#79
Butylbenzylphthalate
Concen: 57.95 ng
RT: 13.08 min Scan# 1903
Delta R.T. -0.03 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

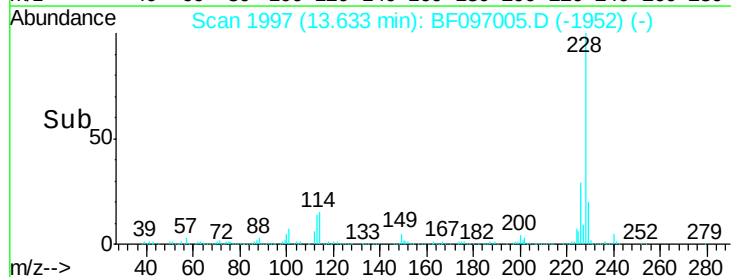
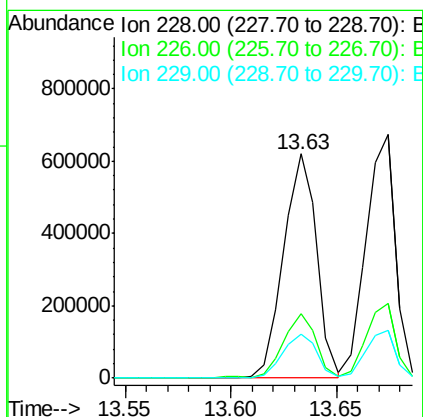
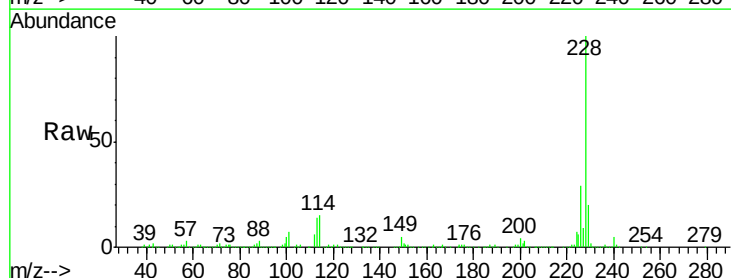
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

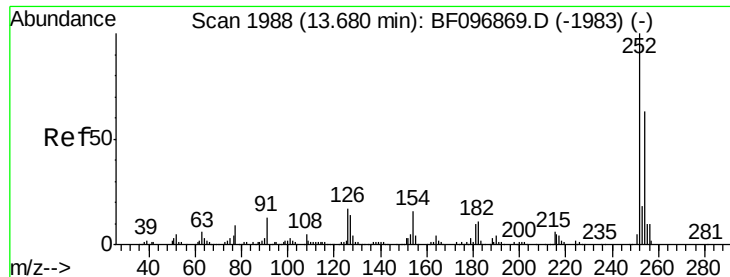
Tot Ion:149 Resp: 491600
Ion Ratio Lower Upper
149 100
91 78.2 45.0 67.4#
206 16.4 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 55.10 ng
RT: 13.63 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF097005.D
Acq: 25 Jul 2017 00:32

Tgt Ion:228 Resp: 675335
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 19.8 16.3 24.5

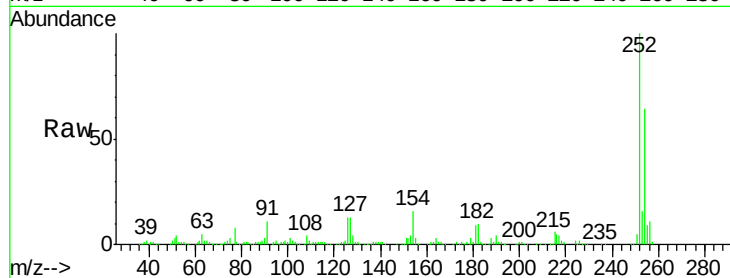




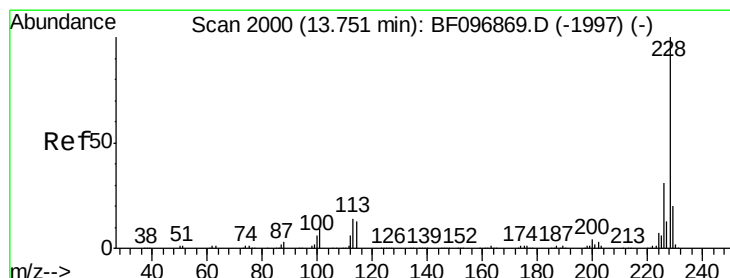
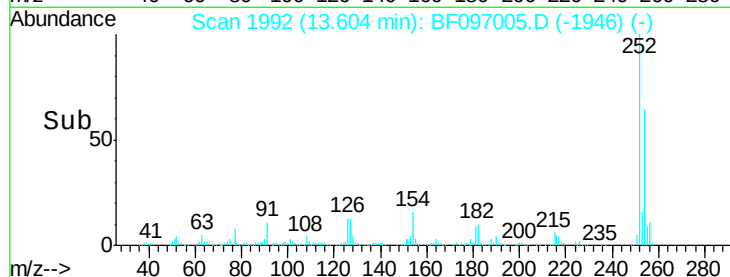
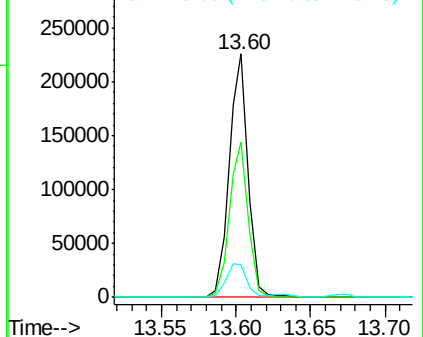
#81
 3,3'-Dichlorobenzidine
 Concen: 45.89 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.1	15.8	23.8#

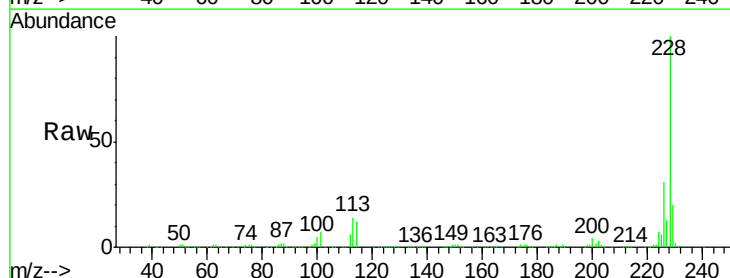


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

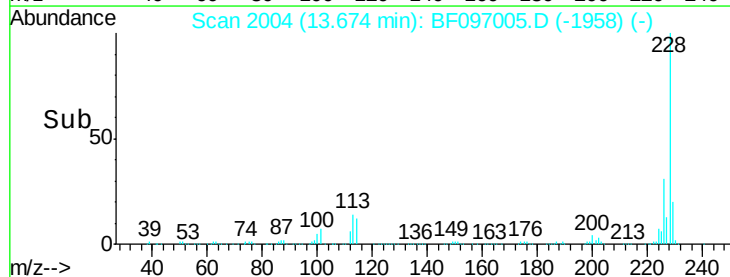
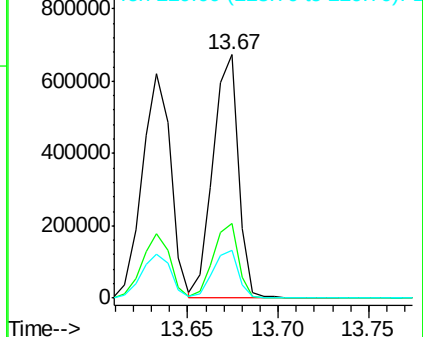


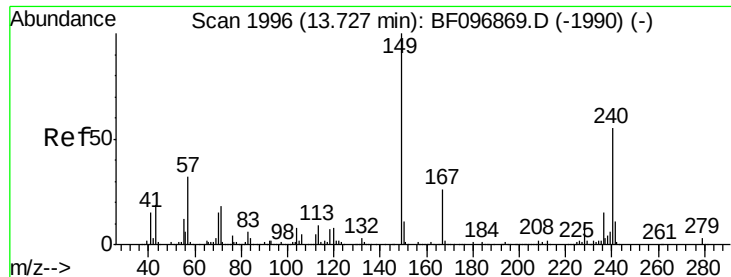
#82
 Chrysene
 Concen: 54.29 ng
 RT: 13.67 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.6	15.8	23.6



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

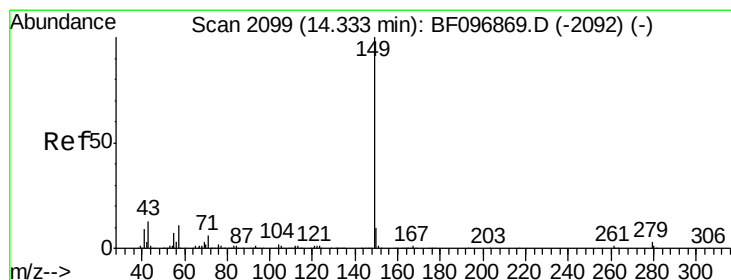
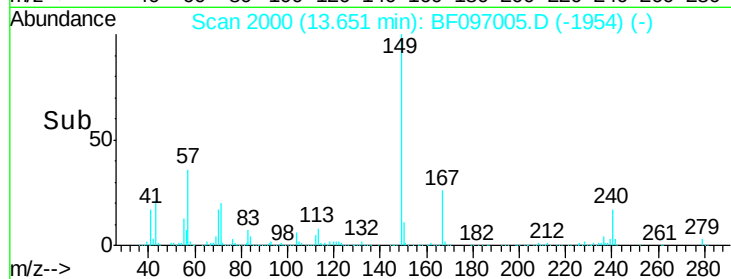
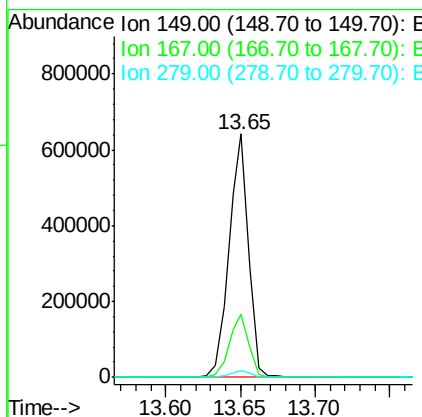
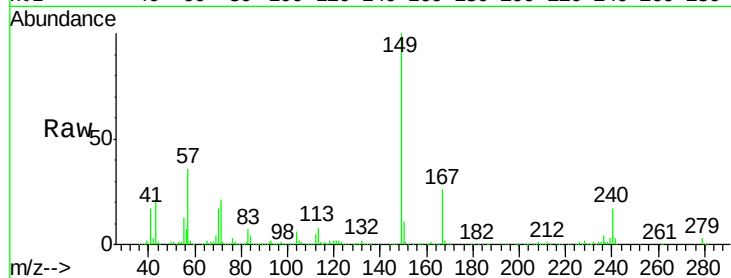




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.30 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

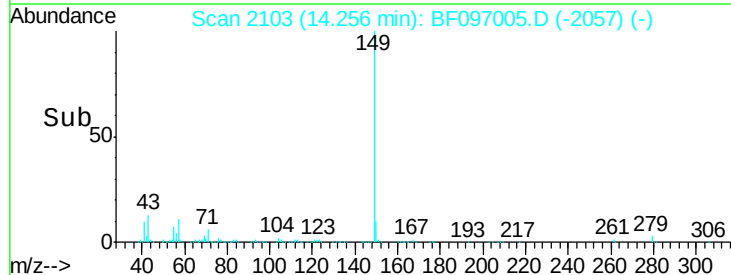
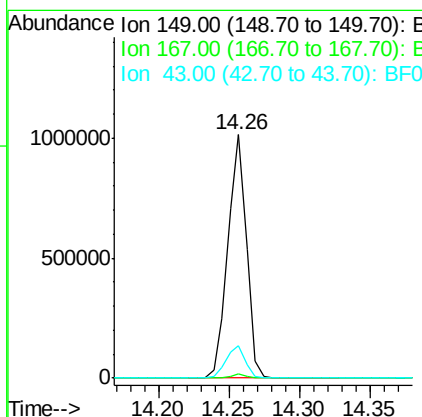
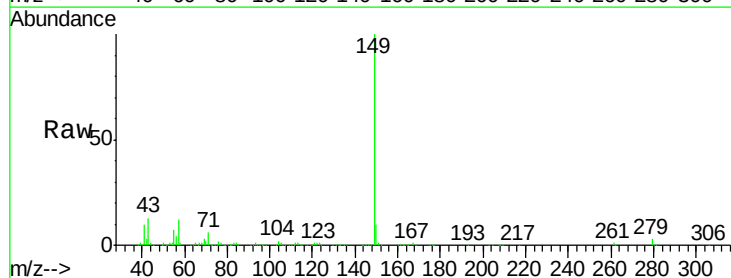
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

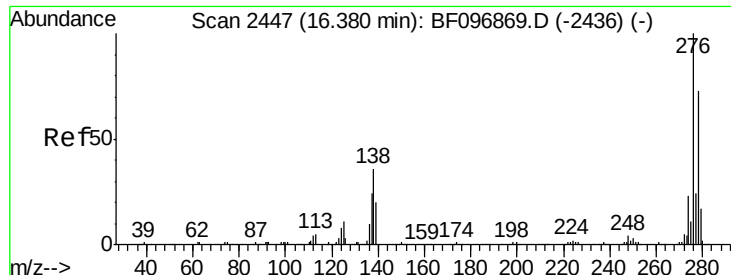
Tot Ion:149 Resp: 591917
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 54.30 ng
 RT: 14.26 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:149 Resp: 927166
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.6 8.5 12.7#

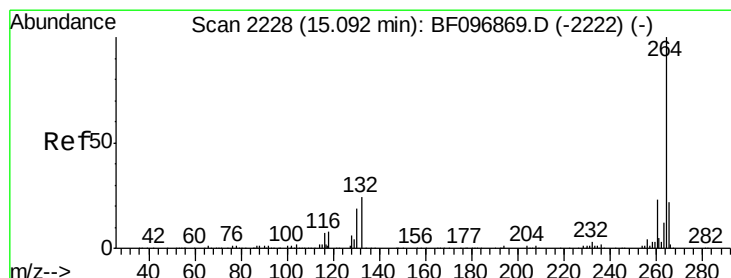
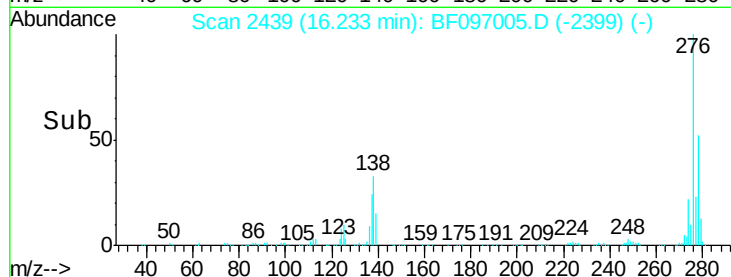
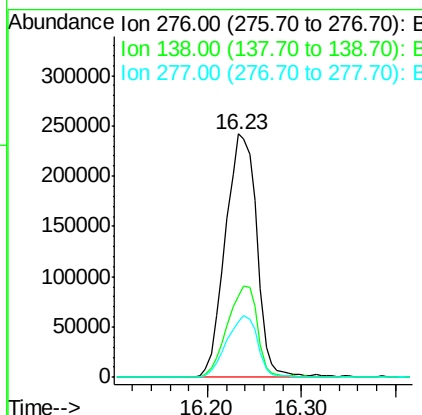
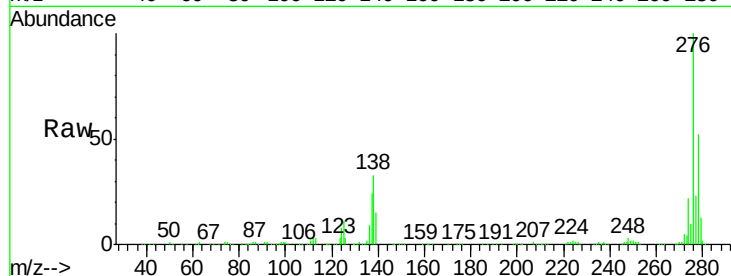




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.73 ng
 RT: 16.23 min Scan# 2439
 Delta R.T. -0.06 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

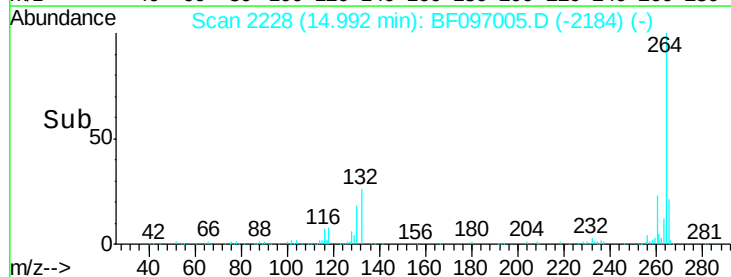
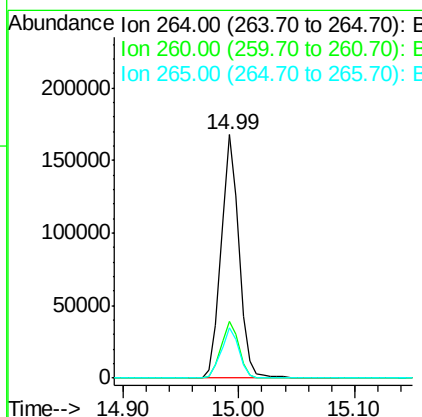
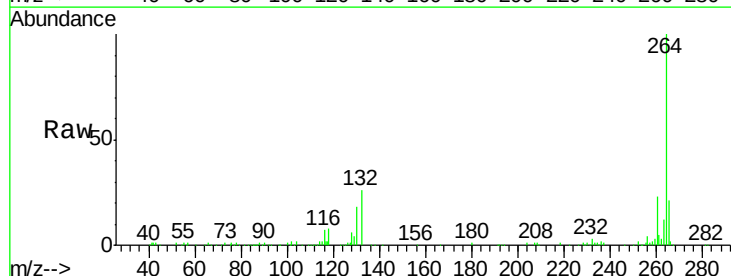
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMSD

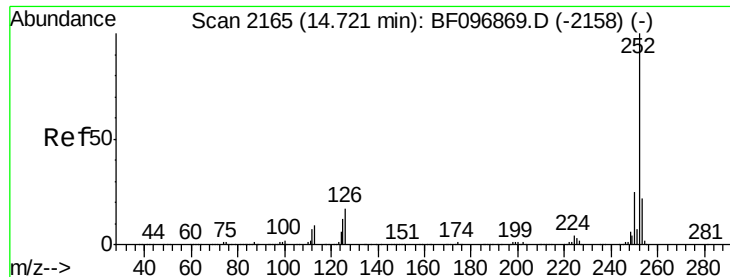
Tot Ion:276 Resp: 564431
 Ion Ratio Lower Upper
 276 100
 138 36.2 27.8 41.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF097005.D
 Acq: 25 Jul 2017 00:32

Tgt Ion:264 Resp: 180044
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 51.67 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

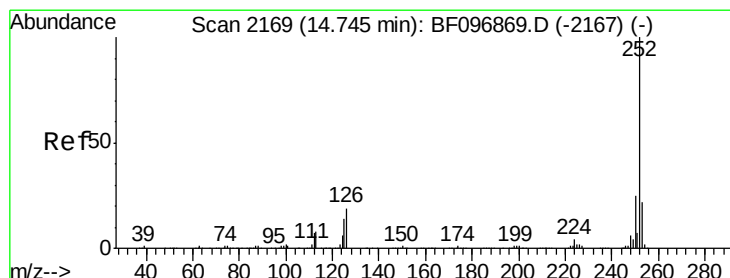
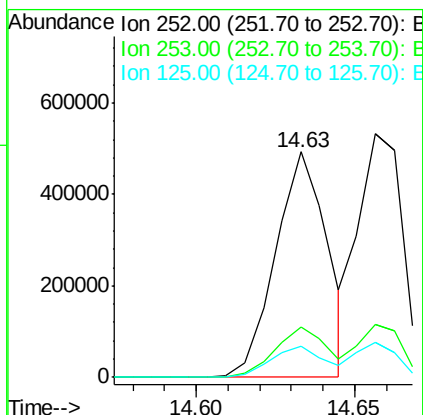
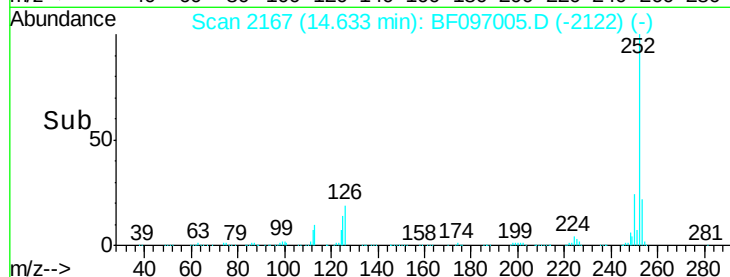
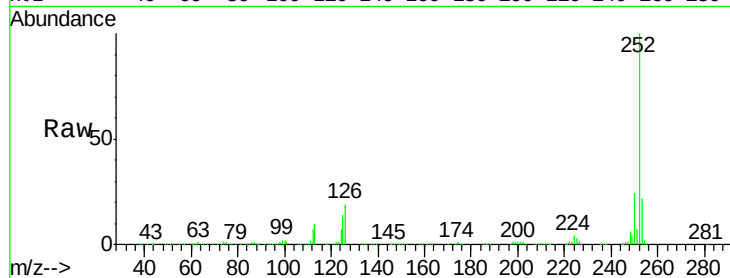
Tot Ion:252 Resp: 561098

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 14.0 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 50.89 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.04 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

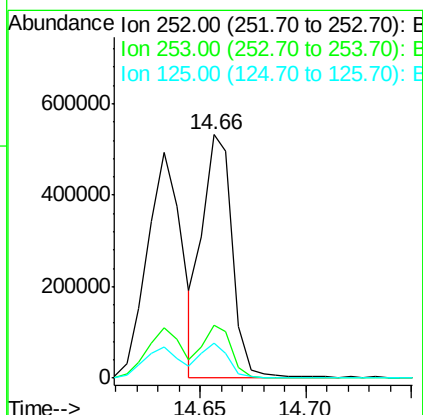
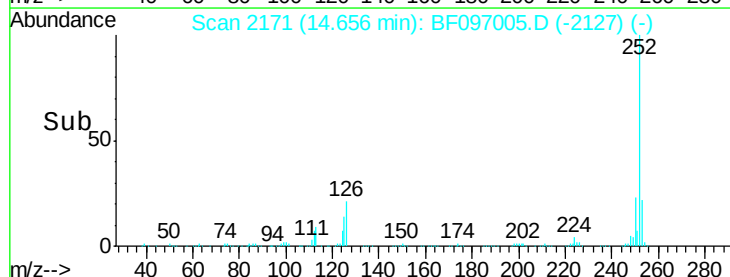
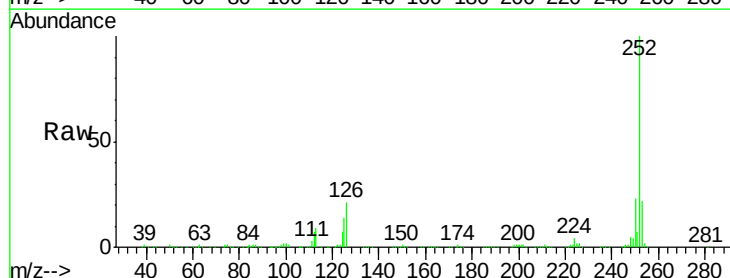
Tgt Ion:252 Resp: 523262

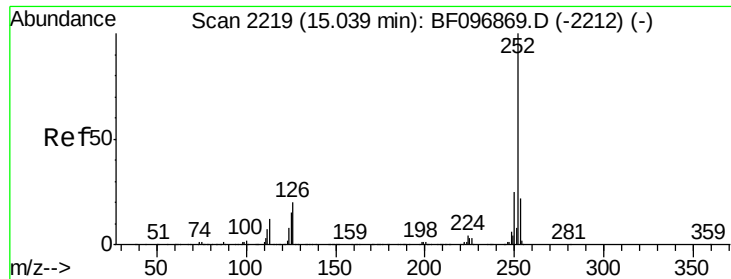
Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

125 14.4 13.1 19.7





#89

Benzo(a)pyrene

Concen: 49.83 ng

RT: 14.94 min Scan# 2220

Delta R.T. -0.04 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

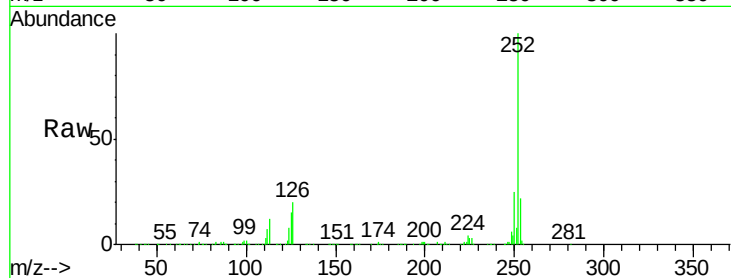
Tot Ion:252 Resp: 496302

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

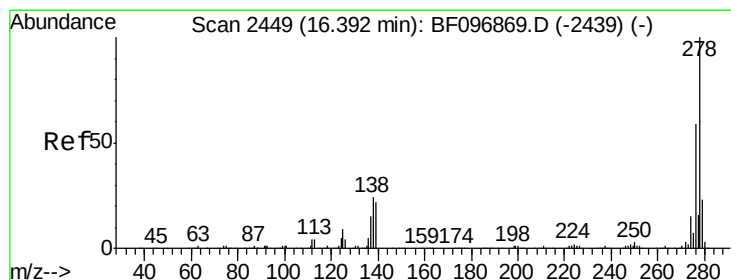
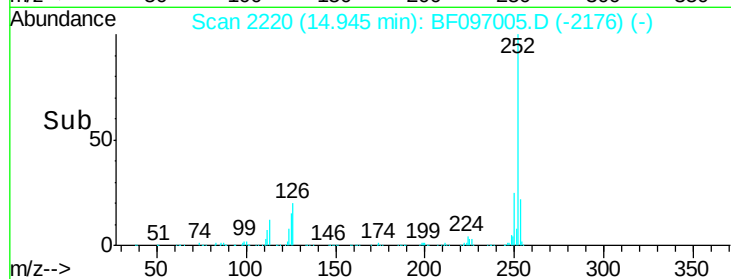
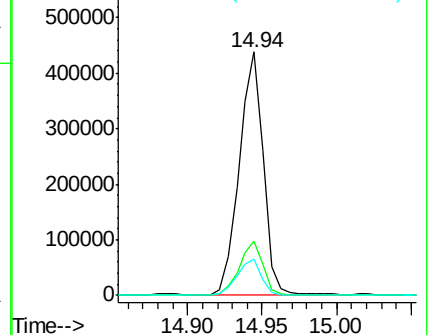
125 14.9 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.23 ng

RT: 16.25 min Scan# 2442

Delta R.T. -0.05 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

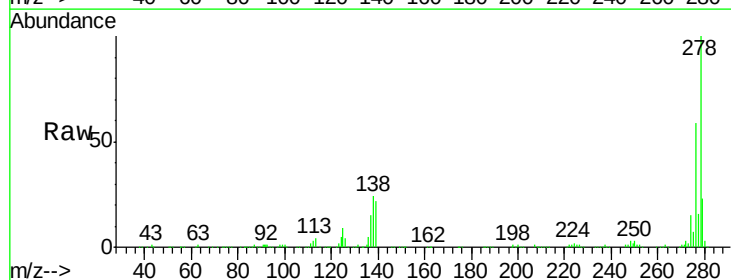
Tgt Ion:278 Resp: 460270

Ion Ratio Lower Upper

278 100

139 21.9 16.6 24.8

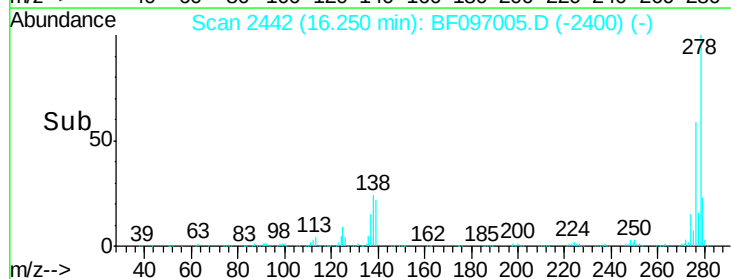
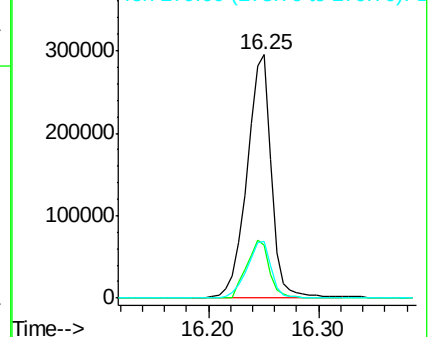
279 23.1 19.3 28.9

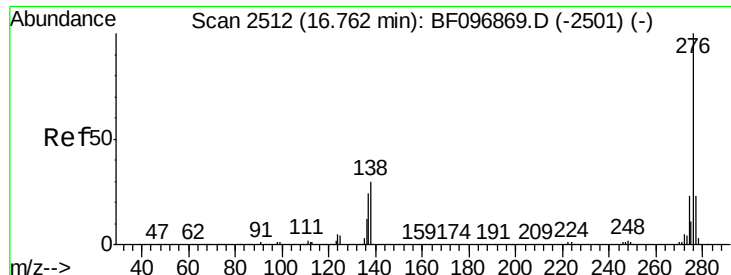


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.00 ng

RT: 16.60 min Scan# 2502

Delta R.T. -0.06 min

Lab File: BF097005.D

Acq: 25 Jul 2017 00:32

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMSD

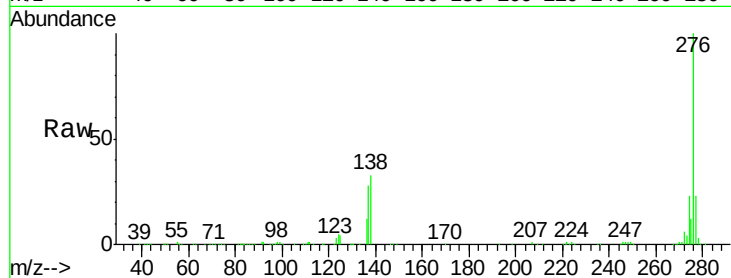
Tot Ion: 276 Resp: 500465

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 33.0 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

