

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097004.D
 Acq On : 25 Jul 2017 00:05
 Operator : SJ/JU
 Sample : I4399-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

Quant Time: Jul 25 01:46:58 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	107383	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	473744	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	209363	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	355450	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	206893	20.00	ng	-0.04
86) Perylene-d12	14.99	264	187421	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	842782	118.01	ng	-0.02
7) Phenol-d6	6.19	99	986384	115.09	ng	-0.03
23) Nitrobenzene-d5	7.09	82	638980	83.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	204795	114.60	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	1048421	79.12	ng	-0.03
78) Terphenyl-d14	12.60	244	806713	67.62	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	122670	33.38	ng	# 71
3) Pyridine	2.73	79	356881	46.21	ng	# 67
4) n-Nitrosodimethylamine	2.68	42	212476	49.20	ng	# 84
6) Aniline	6.18	93	329718	31.23	ng	# 79
8) 2-Chlorophenol	6.31	128	325564	42.26	ng	# 97
9) Benzaldehyde	6.06	77	118470	23.92	ng	# 98
10) Phenol	6.20	94	423875	43.75	ng	# 95
11) bis(2-Chloroethyl)ether	6.26	93	324586	44.55	ng	# 92
12) 1,3-Dichlorobenzene	6.46	146	334533	40.85	ng	# 98
13) 1,4-Dichlorobenzene	6.53	146	336766	40.60	ng	# 96
14) 1,2-Dichlorobenzene	6.69	146	306700	40.66	ng	# 98
15) Benzyl Alcohol	6.67	79	236569	42.16	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	638131	42.44	ng	# 62
17) 2-Methylphenol	6.80	107	252398	42.13	ng	# 89
18) Hexachloroethane	7.03	117	123255	41.91	ng	# 84
19) n-Nitroso-di-n-propylamine	6.95	70	231010	44.74	ng	# 85
20) 3+4-Methylphenols	6.96	107	348461	47.93	ng	# 63
22) Acetophenone	6.93	105	452064	42.69	ng	# 97
24) Nitrobenzene	7.10	77	339433	42.91	ng	# 92
25) Isophorone	7.35	82	593656	41.72	ng	# 96
26) 2-Nitrophenol	7.42	139	187237	42.57	ng	# 88
27) 2,4-Dimethylphenol	7.48	122	283099	39.12	ng	# 95
28) bis(2-Chloroethoxy)methane	7.56	93	409931	42.64	ng	# 98
29) 2,4-Dichlorophenol	7.67	162	265017	40.46	ng	# 99
30) 1,2,4-Trichlorobenzene	7.75	180	259177	41.62	ng	# 98
31) Naphthalene	7.82	128	952730	42.45	ng	# 99
32) Benzoic acid	7.59	122	34461	7.45	ng	# 96
33) 4-Chloroaniline	7.87	127	282713	31.80	ng	# 98
34) Hexachlorobutadiene	7.95	225	127240	38.27	ng	# 99
35) Caprolactam	8.25	113	48102	22.92	ng	# 50
36) 4-Chloro-3-methylphenol	8.38	107	284210	40.36	ng	# 88
37) 2-Methylnaphthalene	8.51	142	627330	43.85	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	218200	38.55	ng	# 98
40) Hexachlorocyclopentadiene	8.67	237	159769	75.37	ng	# 99

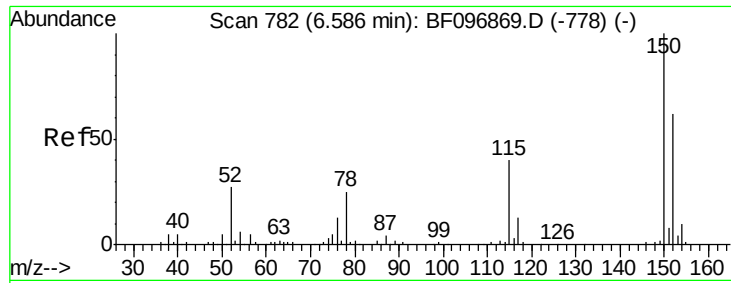
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	161965	38.80	nq	98
43) 2,4,5-Trichlorophenol	8.85	196	165756	39.37	nq	99
45) 1,1'-Biphenyl	8.97	154	682186	37.99	nq	97
46) 2-Chloronaphthalene	9.00	162	534912	40.46	nq	94
47) 2-Nitroaniline	9.10	65	217016	47.75	nq	97
48) Acenaphthylene	9.41	152	840035	39.87	nq	99
49) Dimethylphthalate	9.29	163	789313	50.07	nq	100
50) 2,6-Dinitrotoluene	9.35	165	149360	43.74	nq	# 80
51) Acenaphthene	9.58	154	494561	39.74	nq	100
52) 3-Nitroaniline	9.51	138	147303	36.42	nq	93
53) 2,4-Dinitrophenol	9.63	184	75857	47.83	nq	# 71
54) Dibenzofuran	9.75	168	708269	40.61	nq	97
55) 4-Nitrophenol	9.70	139	214339	72.53	nq	# 61
56) 2,4-Dinitrotoluene	9.75	165	175552	40.01	nq	# 60
57) Fluorene	10.09	166	541876	42.05	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	137761	47.18	nq	97
59) Diethylphthalate	9.99	149	637050	41.51	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	222111	40.51	nq	100
61) 4-Nitroaniline	10.13	138	184393	48.54	nq	92
62) Azobenzene	10.25	77	632743	46.74	nq	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	94333	42.27	nq	# 78
65) n-Nitrosodiphenylamine	10.21	169	512355	40.32	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	150164	41.38	nq	96
67) Hexachlorobenzene	10.64	284	155310	38.43	nq	# 88
68) Atrazine	10.75	200	155036	42.83	nq	93
69) Pentachlorophenol	10.84	266	128623	65.87	nq	95
70) Phenanthrene	11.05	178	805756	41.69	nq	99
71) Anthracene	11.10	178	812935	41.60	nq	99
72) Carbazole	11.26	167	840219	44.40	nq	99
73) Di-n-butylphthalate	11.60	149	1029488	43.68	nq	99
74) Fluoranthene	12.22	202	769973	41.62	nq	98
77) Pyrene	12.45	202	781561	41.62	nq	99
79) Butylbenzylphthalate	13.08	149	390541	43.78	nq	# 78
80) Benzo(a)anthracene	13.63	228	572084	44.38	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	156872	33.84	nq	# 96
82) Chrysene	13.67	228	541941	42.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	491380	45.23	nq	99
84) Di-n-octyl phthalate	14.26	149	795238	44.28	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.23	276	483118	40.73	nq	97
87) Benzo(b)fluoranthene	14.63	252	478403	42.32	nq	98
88) Benzo(k)fluoranthene	14.66	252	413577	38.64	nq	96
89) Benzo(a)pyrene	14.94	252	437349	42.18	nq	99
90) Dibenzo(a,h)anthracene	16.24	278	395142	41.42	nq	96
91) Benzo(g,h,i)perylene	16.60	276	421399	41.25	nq	99

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

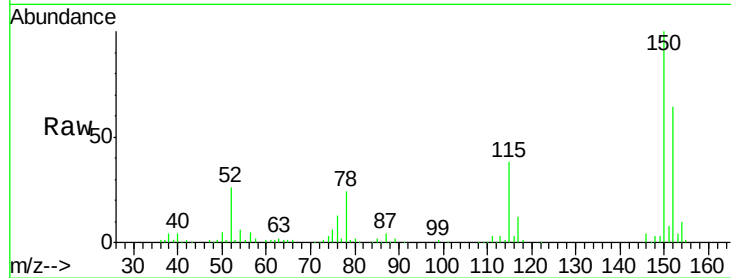


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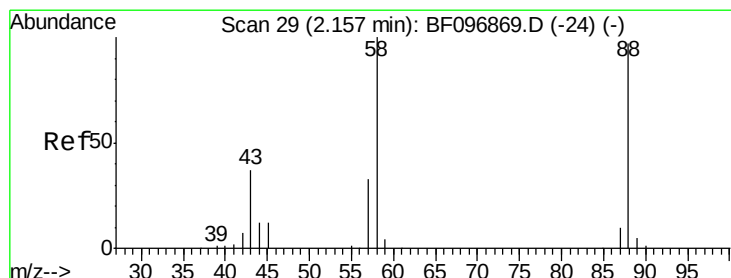
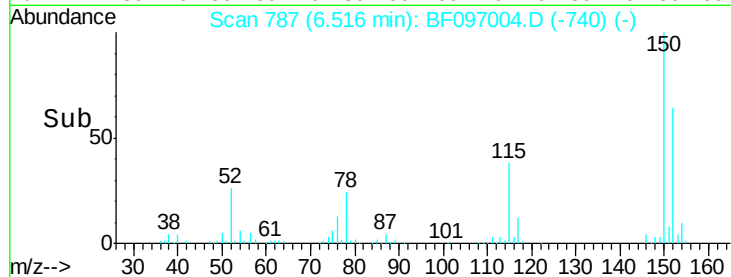
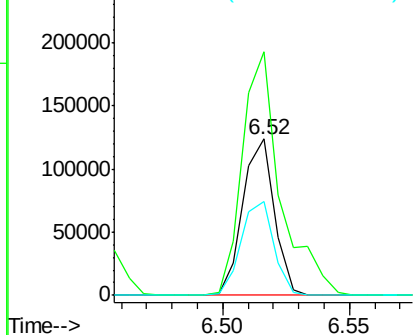
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:152 Resp: 107383
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 59.8 52.2 78.2



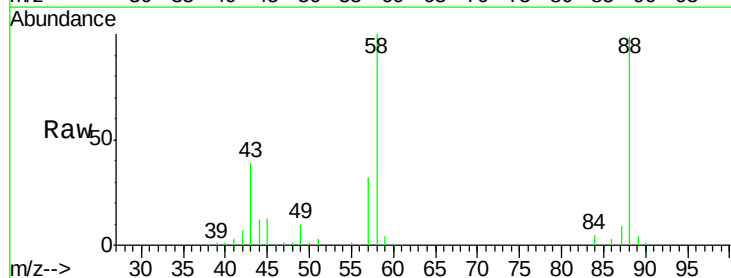
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



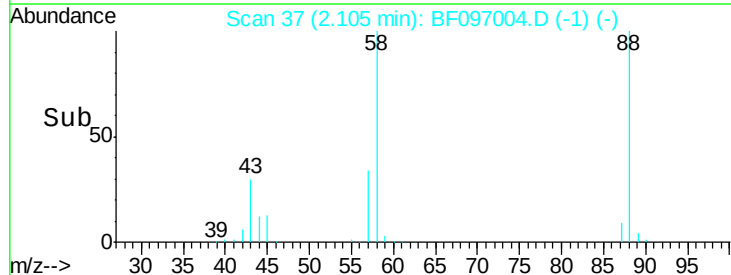
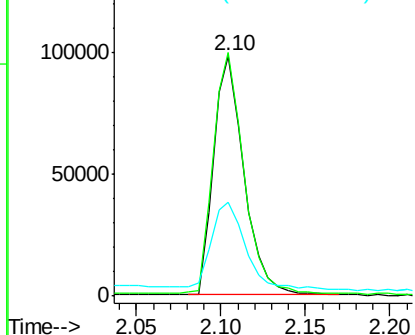
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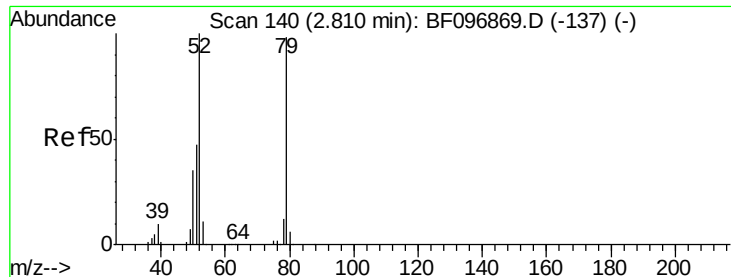
1,4-Dioxane
Concen: 33.38 ng
RT: 2.10 min Scan# 37
Delta R.T. 0.01 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion: 88 Resp: 122670
Ion Ratio Lower Upper
88 100
58 101.6 61.4 92.0#
43 44.3 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: 46.21 ng

RT: 2.73 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

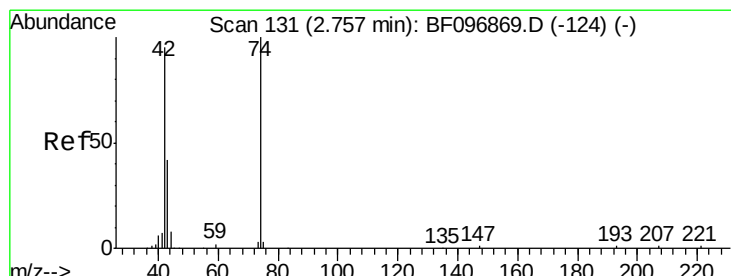
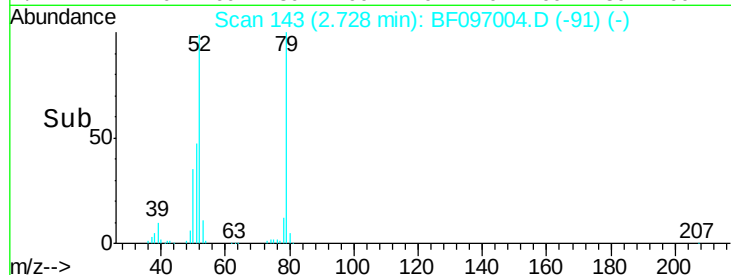
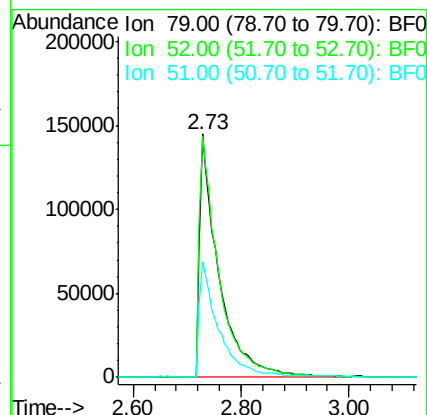
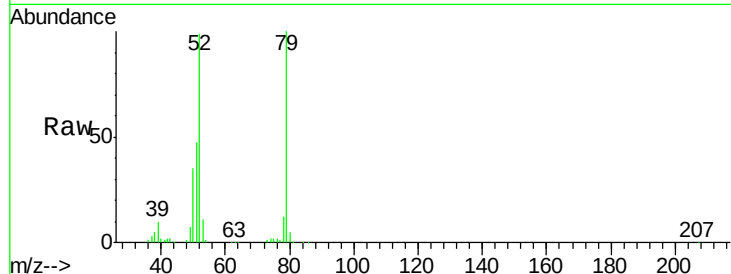
Tot Ion: 79 Resp: 356881

Ion Ratio Lower Upper

79 100

52 99.2 54.8 82.2#

51 47.2 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 49.20 ng

RT: 2.68 min Scan# 135

Delta R.T. 0.00 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

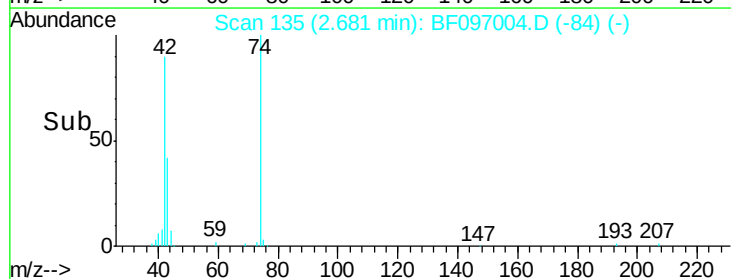
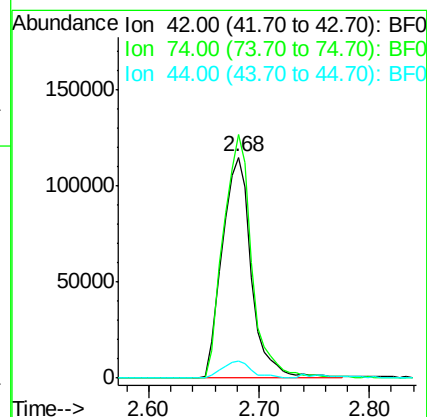
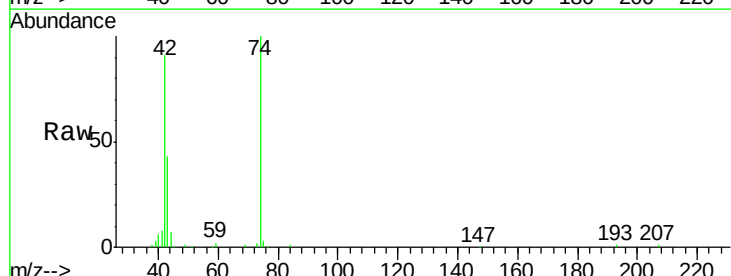
Tgt Ion: 42 Resp: 212476

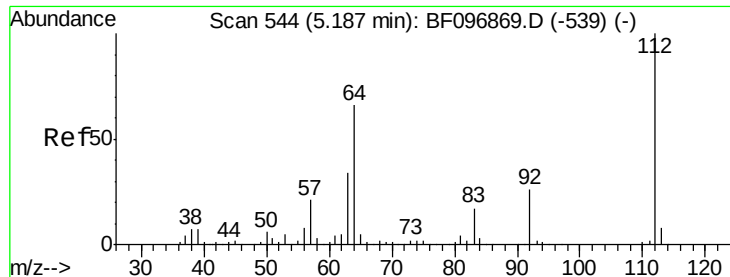
Ion Ratio Lower Upper

42 100

74 110.3 103.9 155.9

44 7.7 5.7 8.5

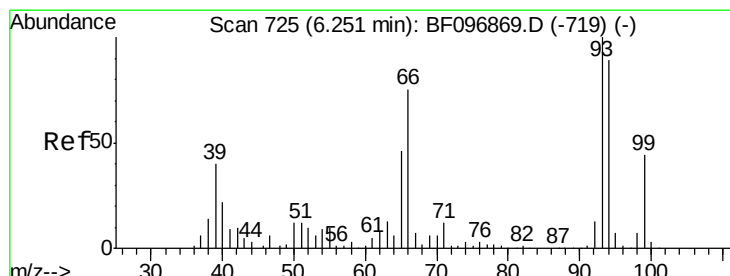
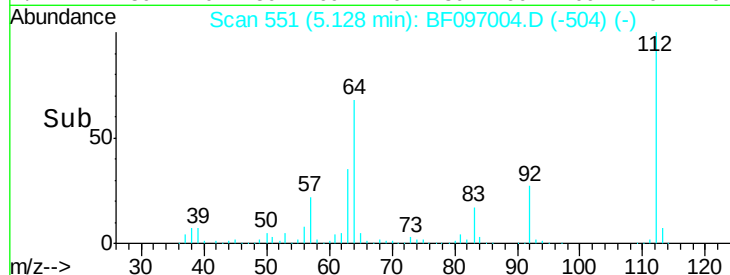
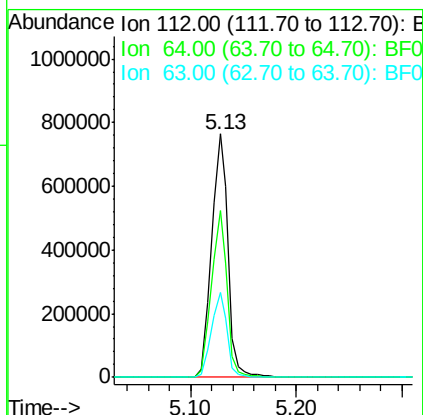
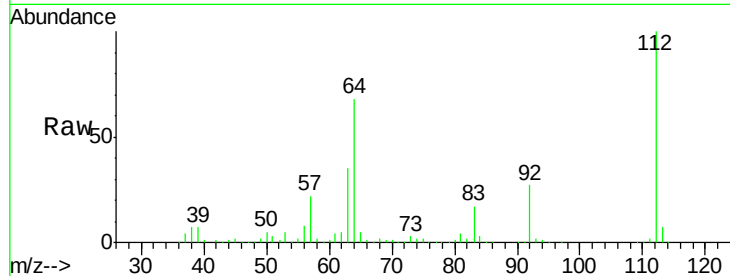




#5
 2-Fluorophenol
 Concen: 118.01 ng
 RT: 5.13 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

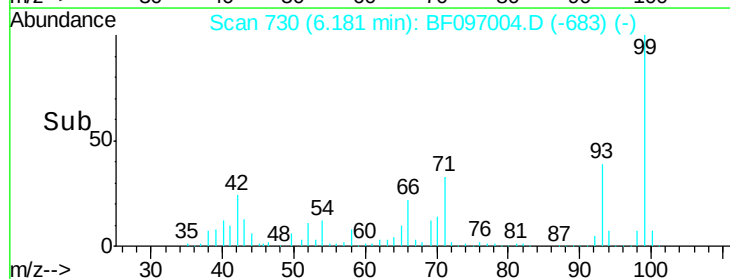
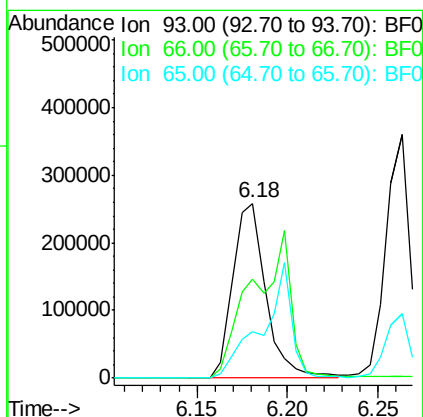
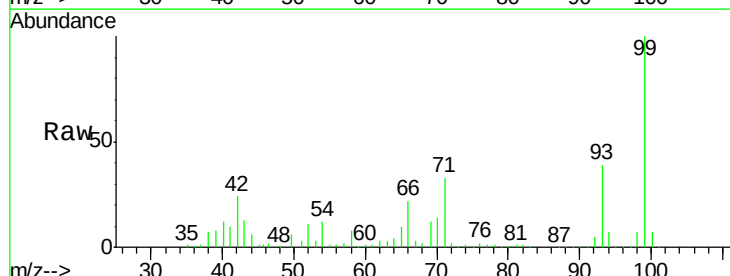
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

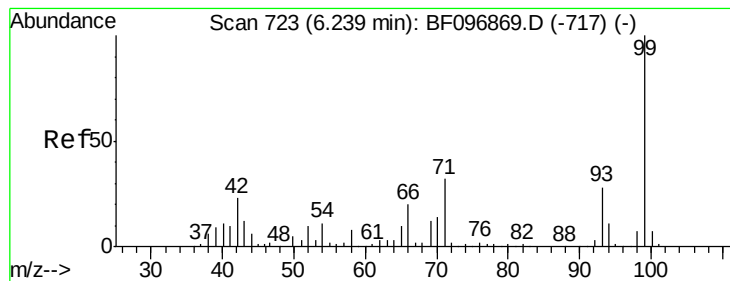
Tot Ion: 112 Resp: 842782
 Ion Ratio Lower Upper
 112 100
 64 68.3 46.0 69.0
 63 34.6 23.4 35.0



#6
 Aniline
 Concen: 31.23 ng
 RT: 6.18 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion: 93 Resp: 329718
 Ion Ratio Lower Upper
 93 100
 66 56.6 32.9 49.3#
 65 26.4 16.0 24.0#





#7

Phenol-d6

Concen: 115.09 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

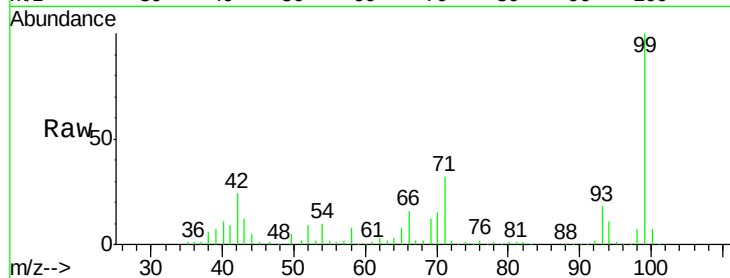
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ClientSampleId :

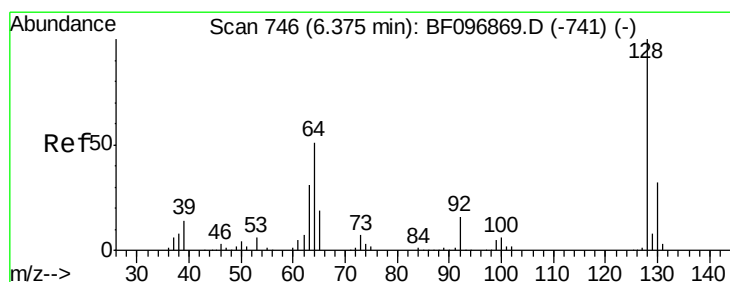
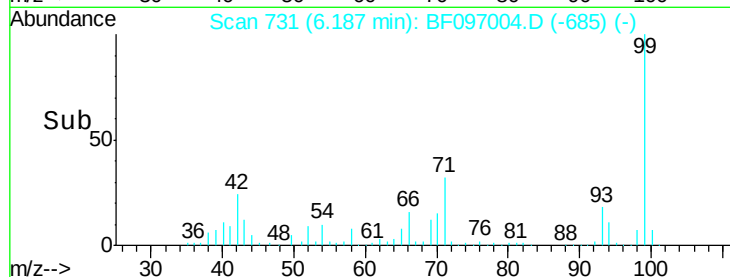
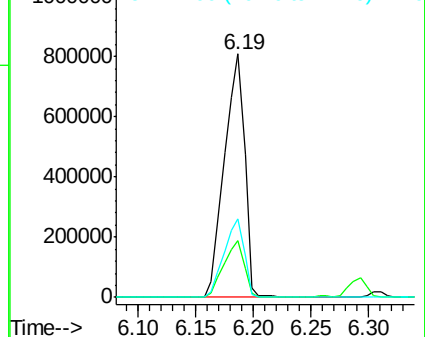
E2-HS4-WSWMS

Tot Ion: 99 Resp: 986384

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	32.4	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.26 ng

RT: 6.31 min Scan# 752

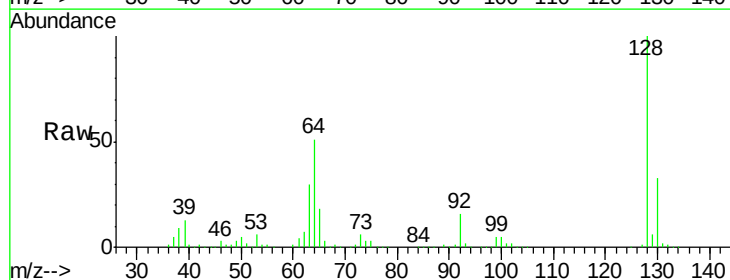
Delta R.T. -0.02 min

Lab File: BF097004.D

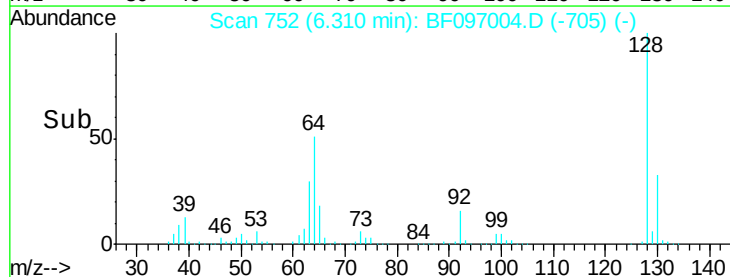
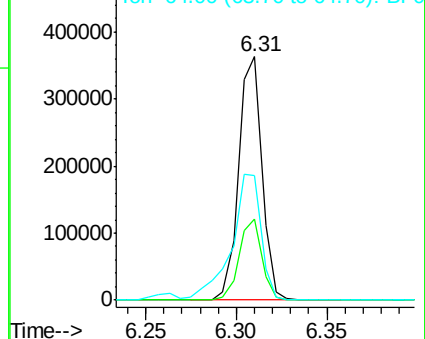
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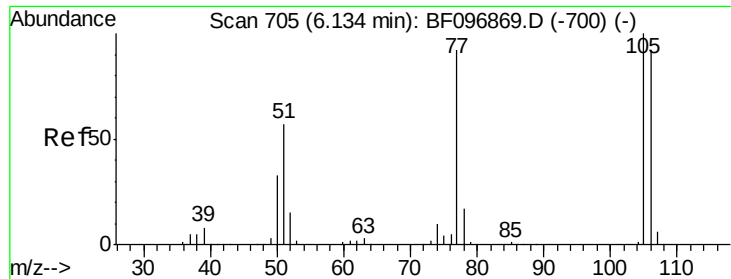
Tgt Ion: 128 Resp: 325564

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	51.2	28.4	68.4



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





#9

Benzaldehyde

Concen: 23.92 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

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E2-HS4-WSWMS

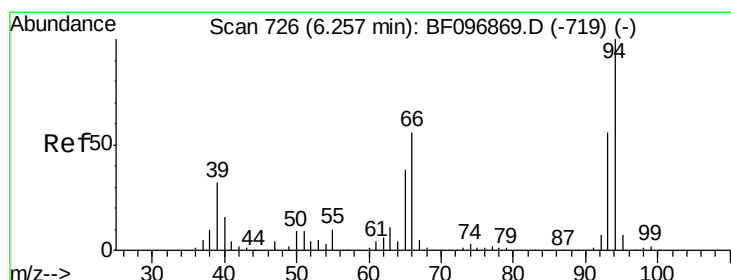
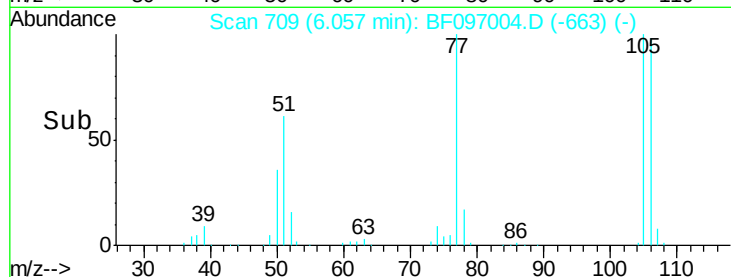
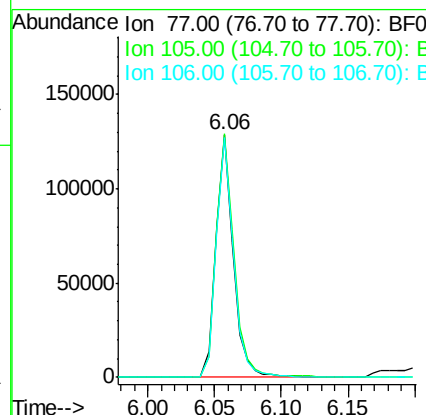
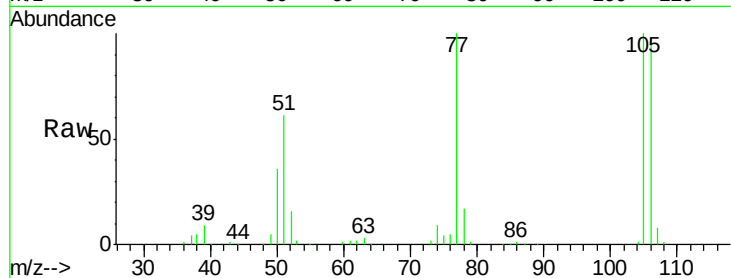
Tot Ion: 77 Resp: 118470

Ion Ratio Lower Upper

77 100

105 100.3 83.8 123.8

106 98.7 79.1 119.1



#10

Phenol

Concen: 43.75 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

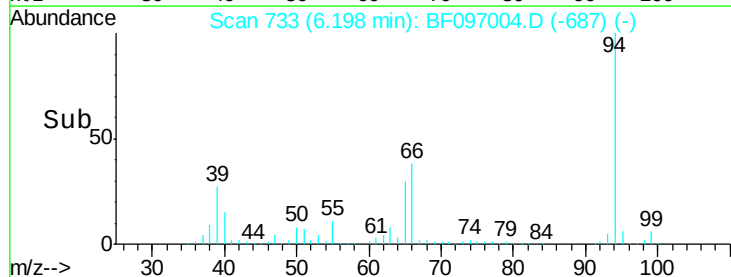
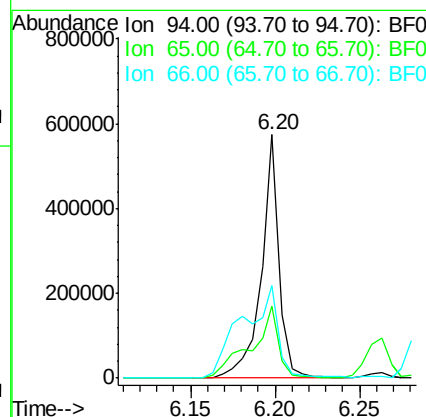
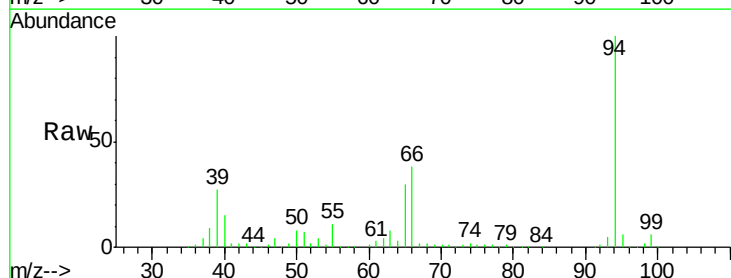
Tgt Ion: 94 Resp: 423875

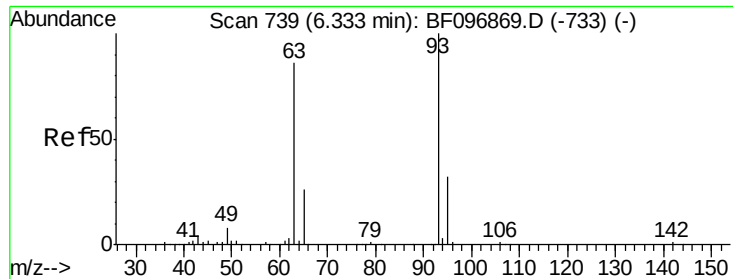
Ion Ratio Lower Upper

94 100

65 29.6 9.9 49.9

66 38.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 44.55 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

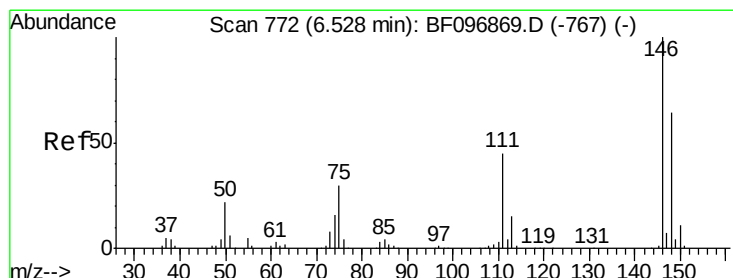
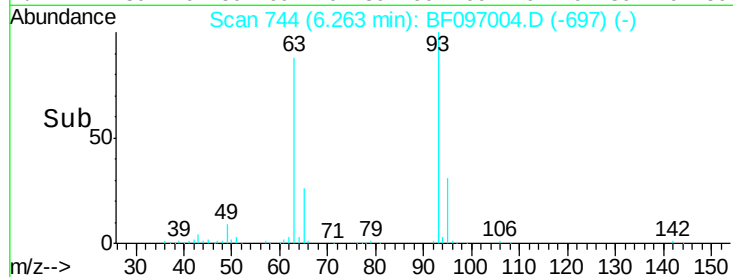
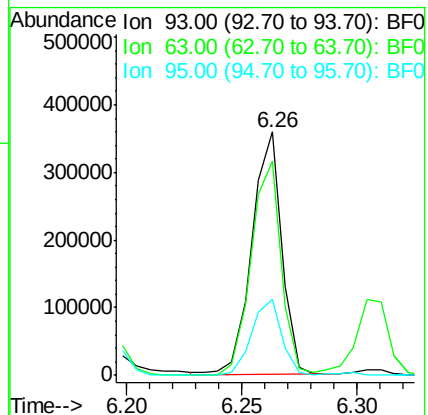
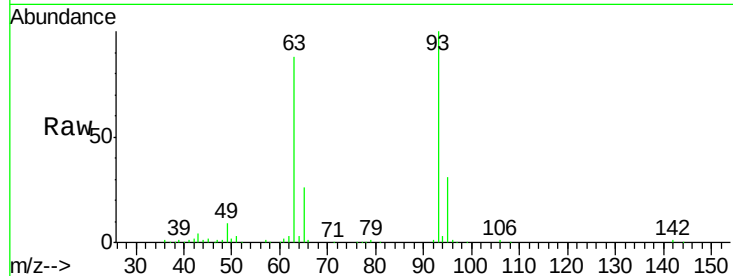
Tot Ion: 93 Resp: 324586

Ion Ratio Lower Upper

93 100

63 87.7 59.2 99.2

95 31.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.85 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

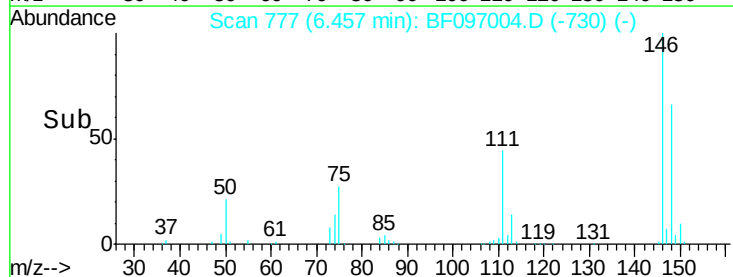
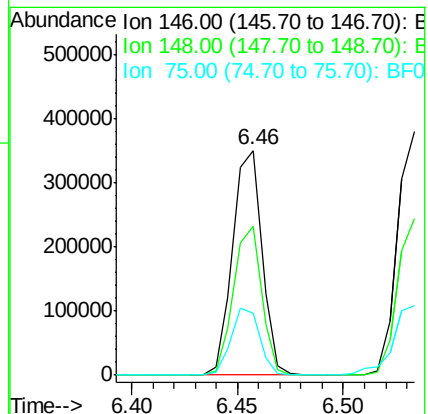
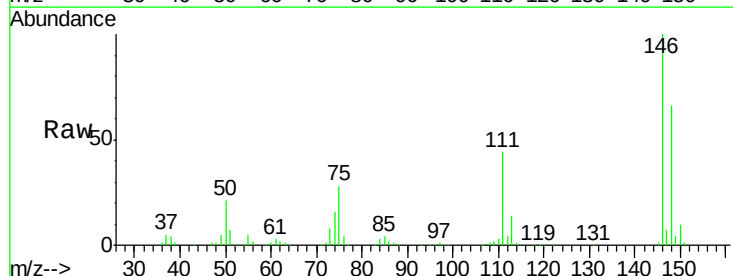
Tgt Ion: 146 Resp: 334533

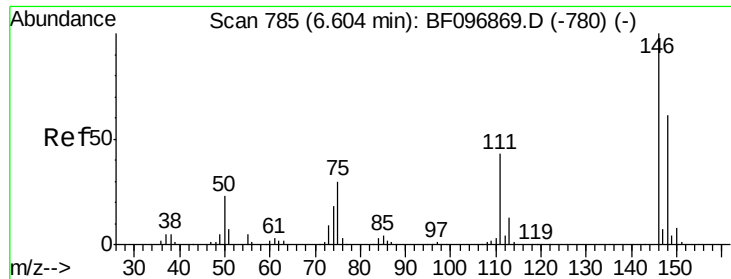
Ion Ratio Lower Upper

146 100

148 66.1 51.8 77.6

75 27.8 23.1 34.7

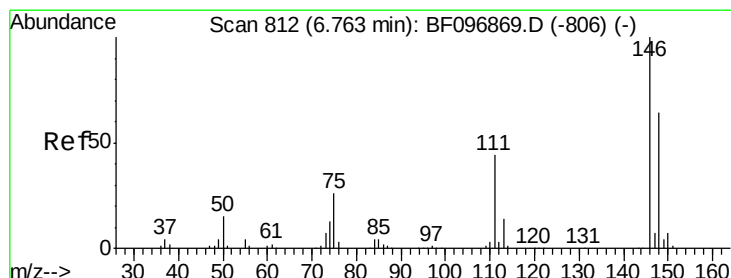
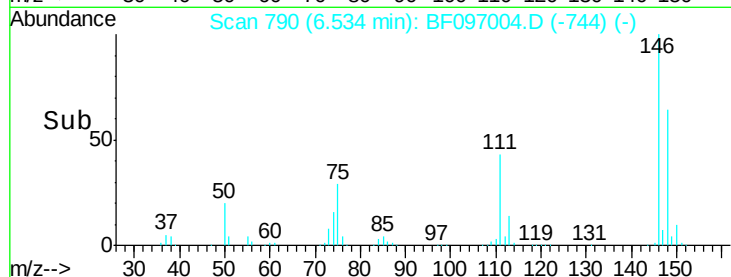
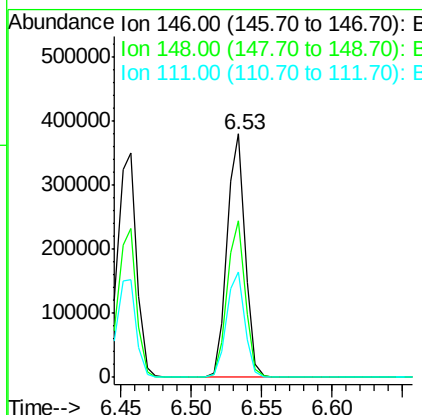
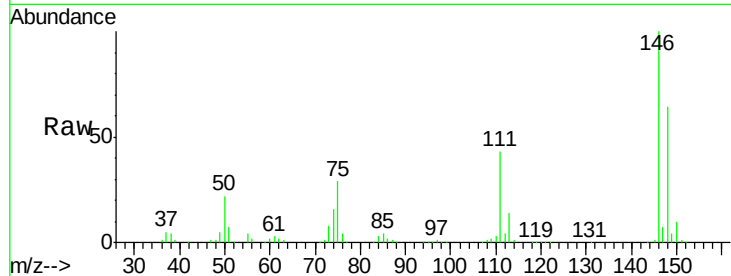




#13
 1,4-Dichlorobenzene
 Concen: 40.60 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

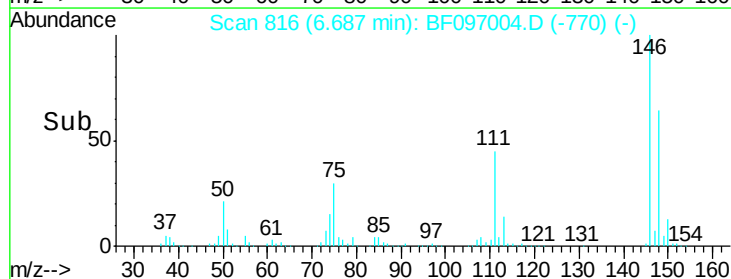
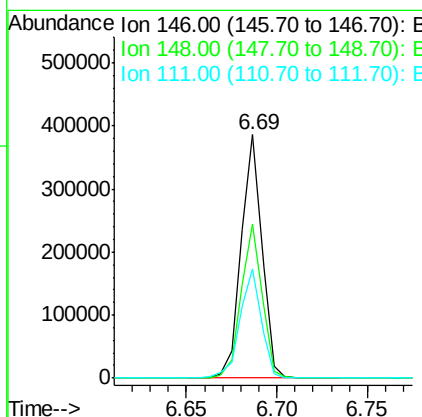
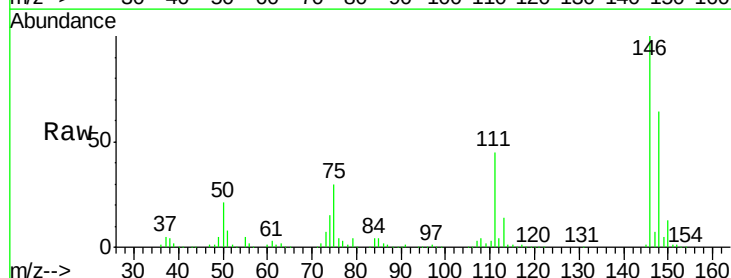
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

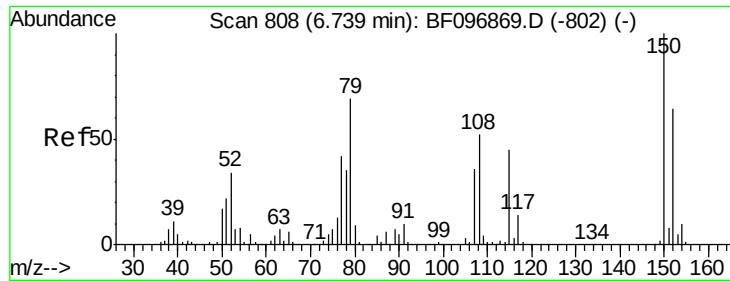
Tot Ion:146 Resp: 336766
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 43.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.66 ng
 RT: 6.69 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:146 Resp: 306700
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 44.7 38.2 57.4

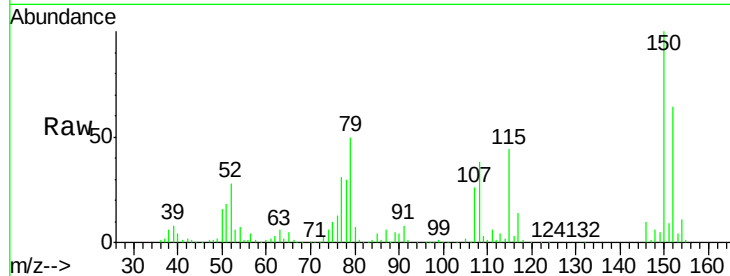




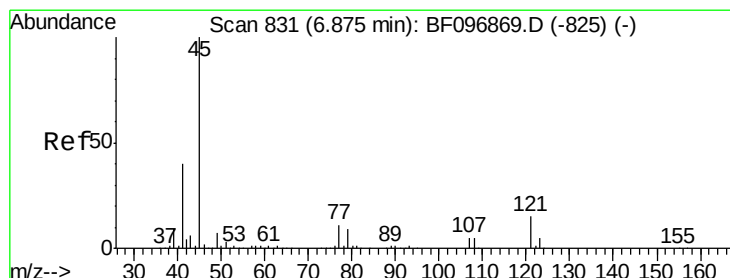
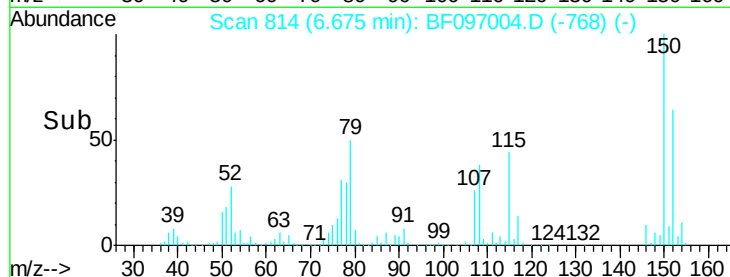
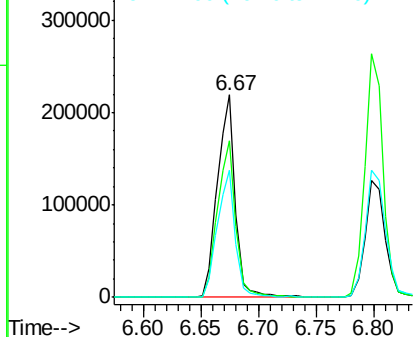
#15
Benzyl Alcohol
Concen: 42.16 ng
RT: 6.67 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion: 79 Resp: 236569
Ion Ratio Lower Upper
79 100
108 77.6 63.4 95.0
77 62.9 49.2 73.8

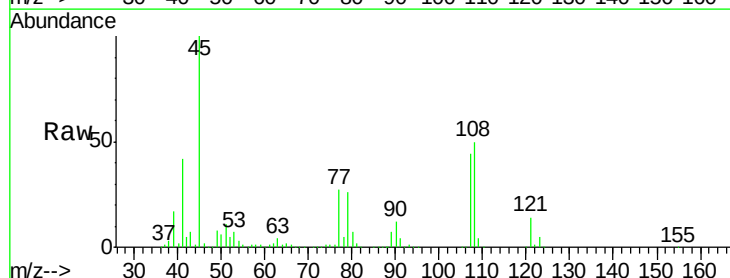


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

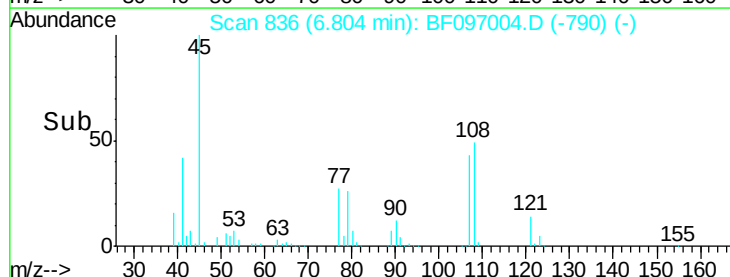
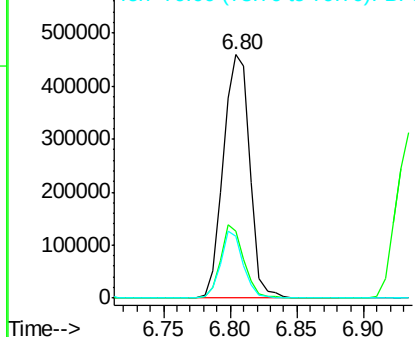


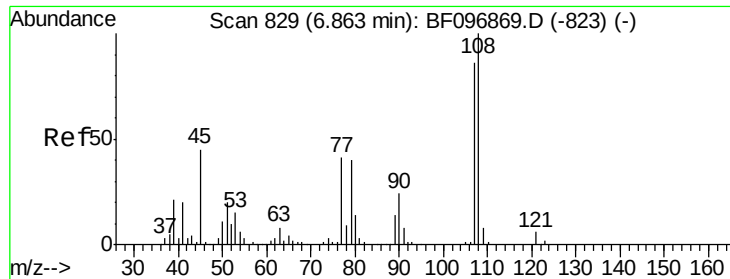
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.44 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion: 45 Resp: 638131
Ion Ratio Lower Upper
45 100
77 27.4 0.0 33.2
79 25.5 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

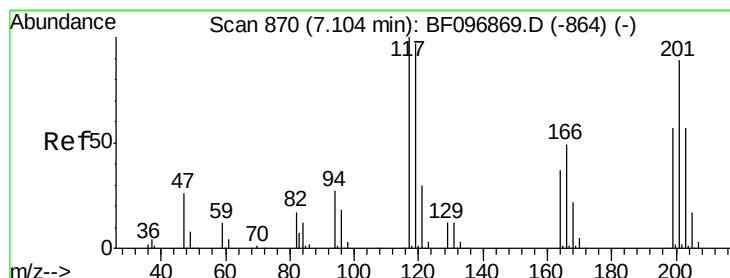
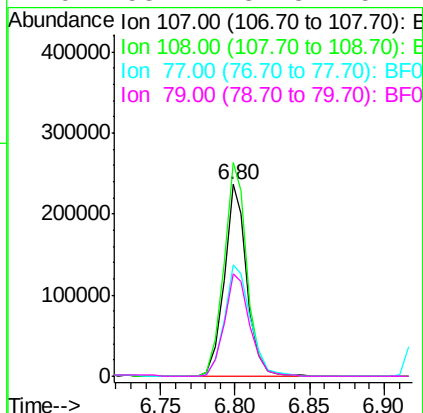
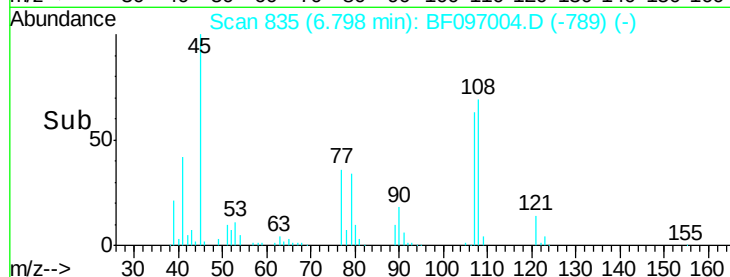
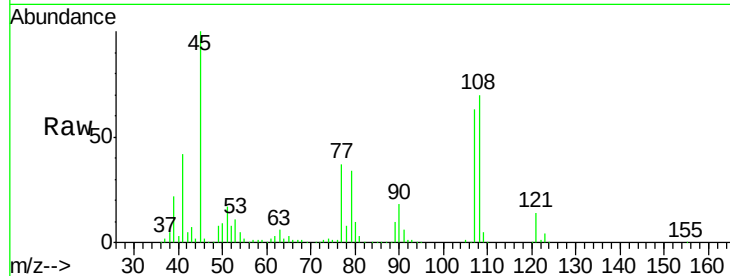




#17
2-Methylphenol
Concen: 42.13 ng
RT: 6.80 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

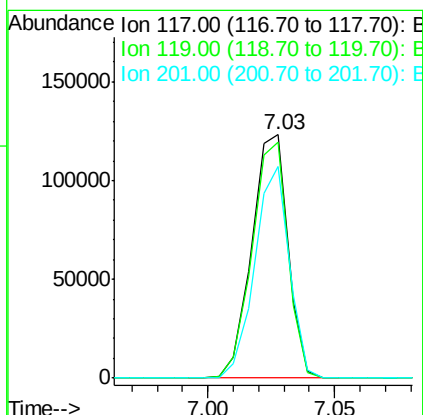
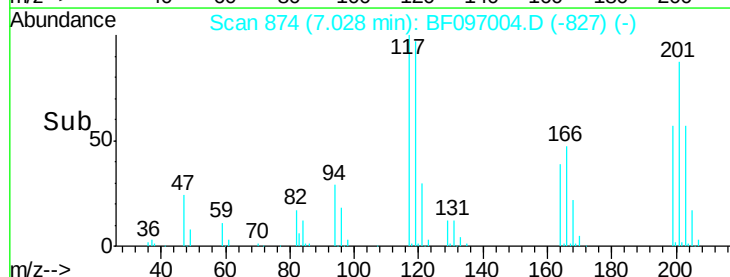
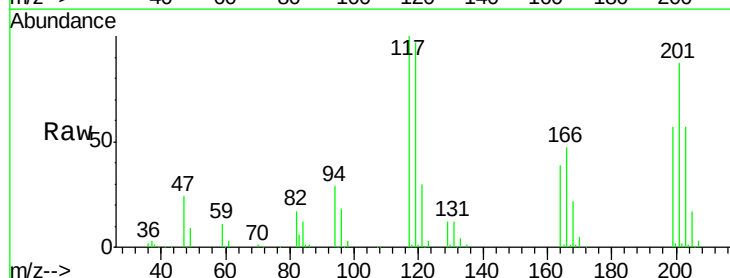
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

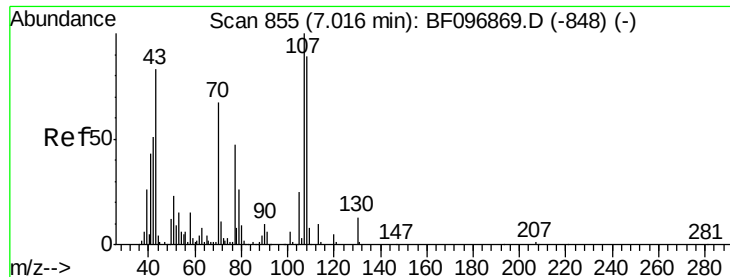
Tot Ion:107 Resp: 252398
Ion Ratio Lower Upper
107 100
108 111.3 93.4 140.0
77 58.1 35.8 53.6#
79 53.7 34.8 52.2#



#18
Hexachloroethane
Concen: 41.91 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:117 Resp: 123255
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 86.7 94.6 141.8#

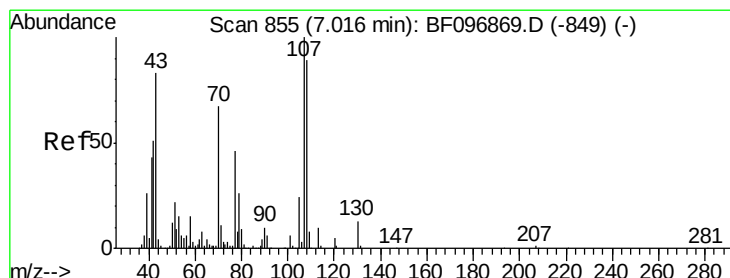
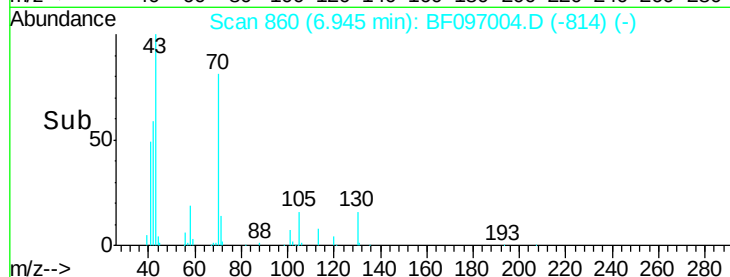
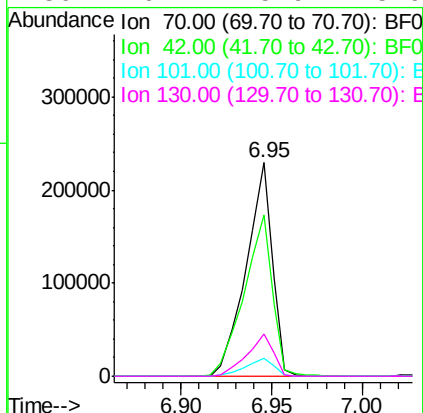
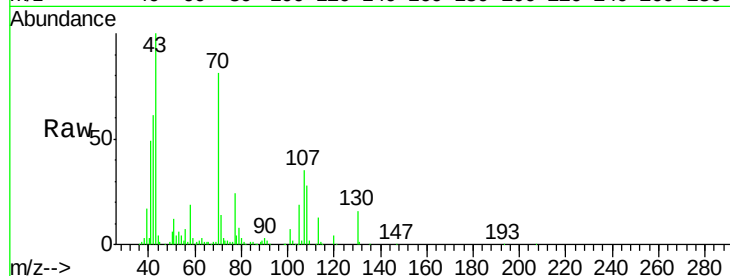




#19
n-Nitroso-di-n-propylamine
Concen: 44.74 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

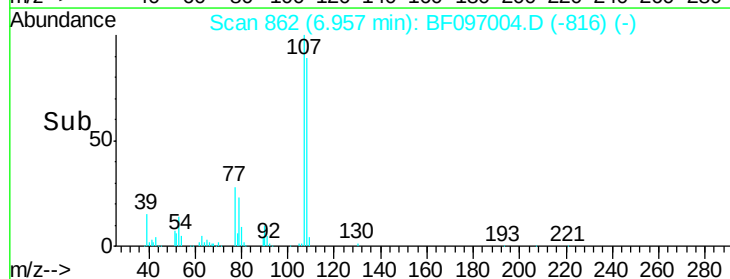
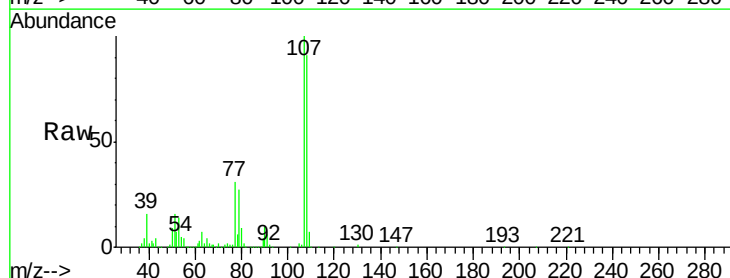
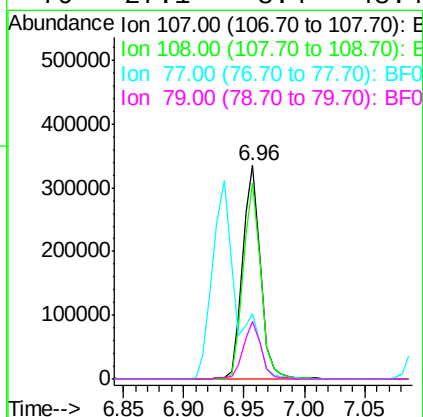
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

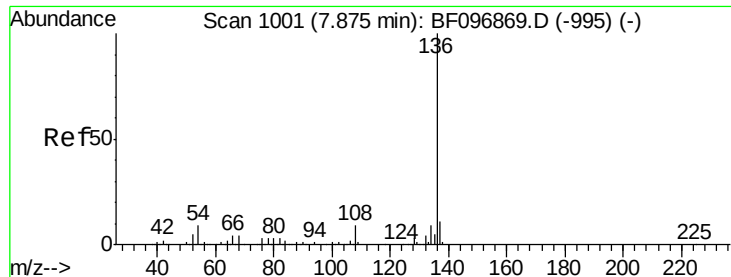
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.5	47.2	70.8#	
101	8.7	7.2	10.8	
130	20.1	15.9	23.9	



#20
3+4-Methylphenols
Concen: 47.93 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	71.0	111.0	
77	30.5	90.5	130.5#	
79	27.1	8.4	48.4	

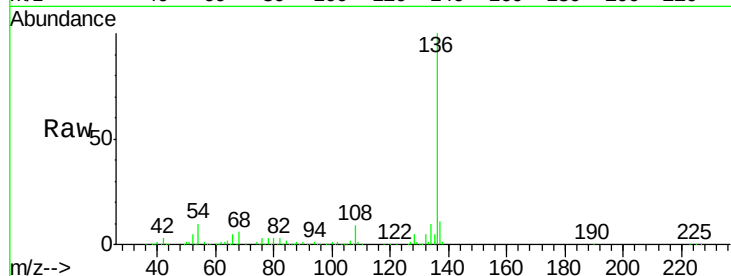




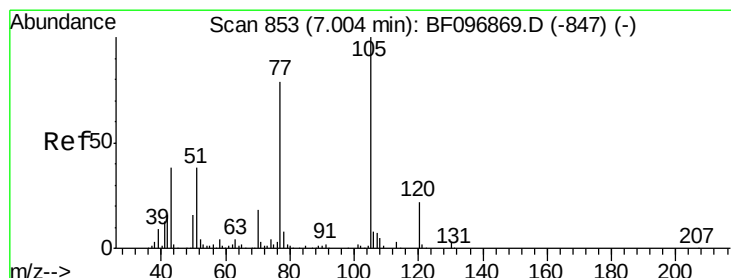
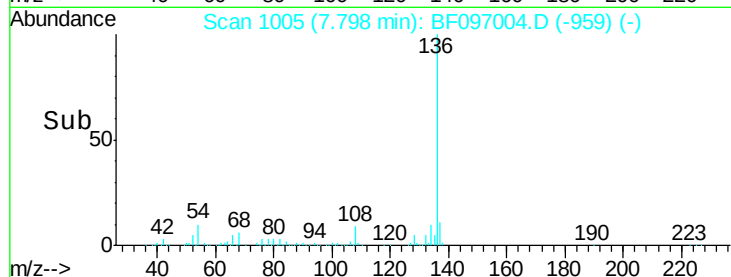
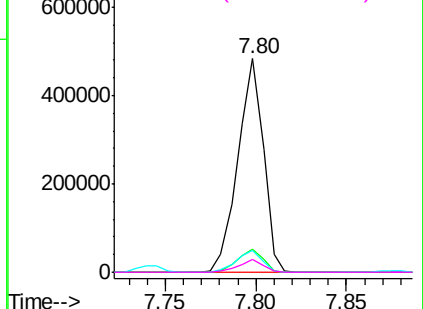
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:136	Resp:	473744
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	10.2	4.9 7.3#
68	5.7	4.1 6.1

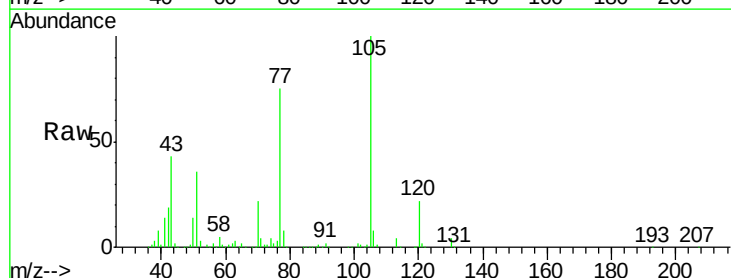


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

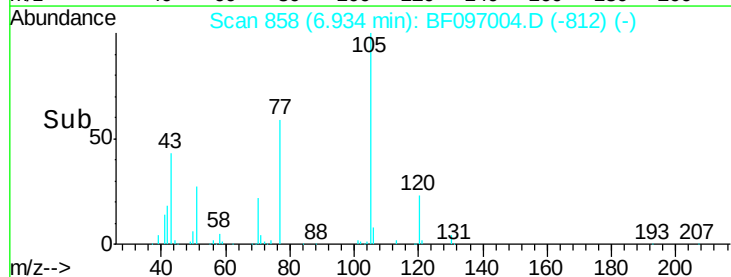
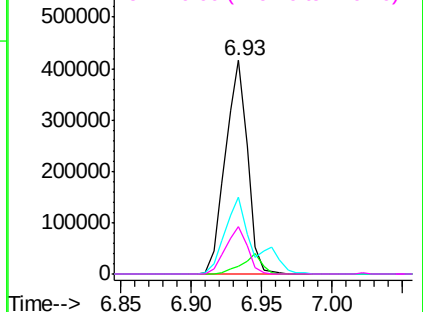


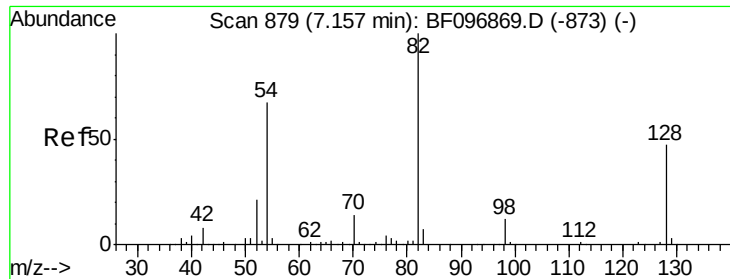
#22
Acetophenone
Concen: 42.69 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:105	Resp:	452064
Ion Ratio	Lower	Upper
105	100	
71	3.9	2.8 4.2
51	36.2	30.7 46.1
120	22.4	17.4 26.0



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

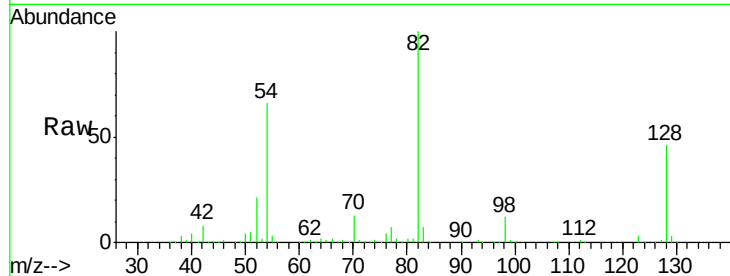




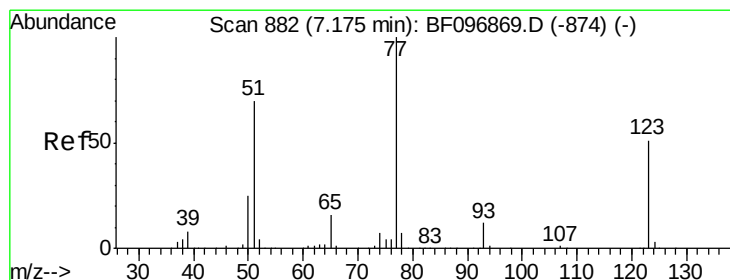
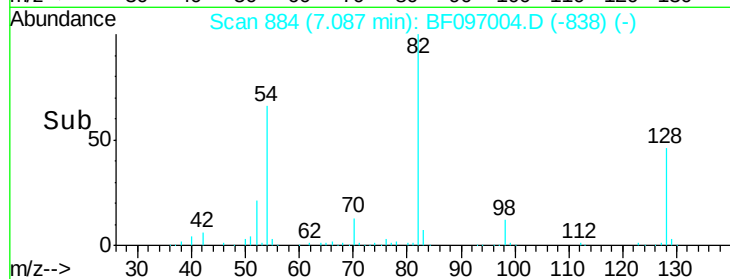
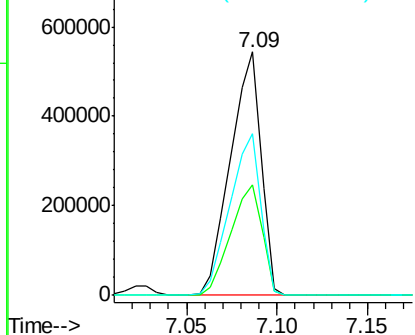
#23
 Nitrobenzene-d5
 Concen: 83.54 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

Tot Ion: 82 Resp: 638980
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 66.4 42.2 63.2#

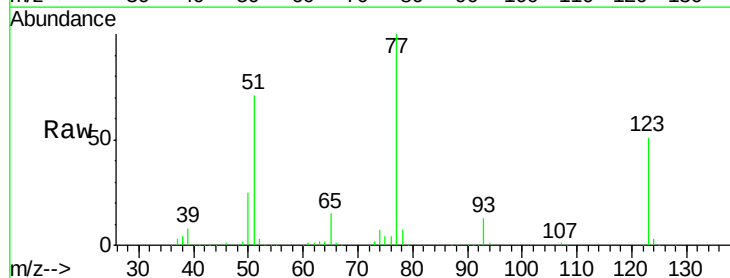


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

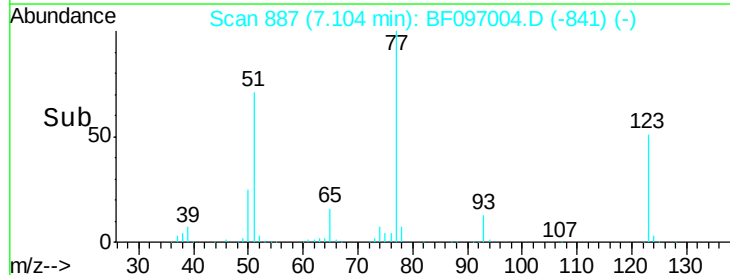
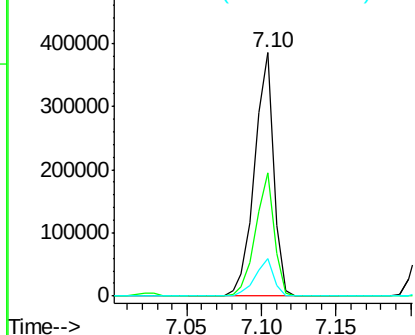


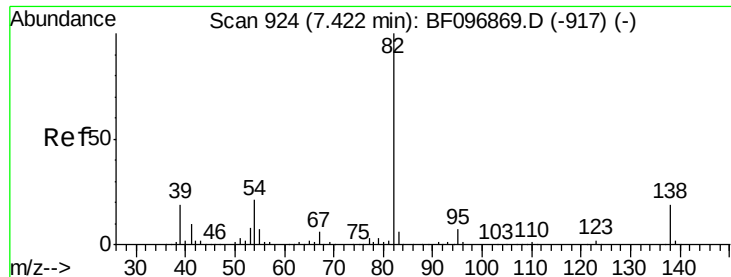
#24
 Nitrobenzene
 Concen: 42.91 ng
 RT: 7.10 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion: 77 Resp: 339433
 Ion Ratio Lower Upper
 77 100
 123 50.9 35.8 53.8
 65 15.5 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: 41.72 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

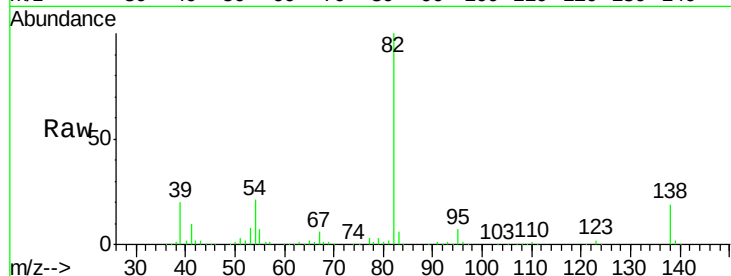
Tot Ion: 82 Resp: 593656

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

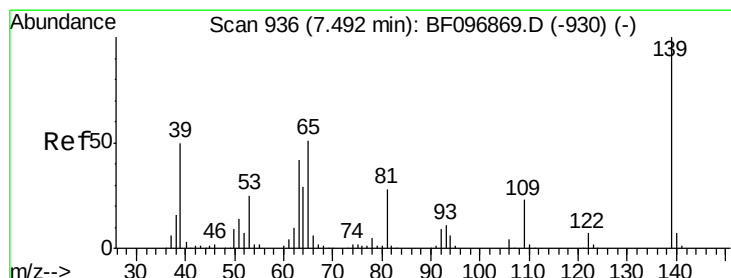
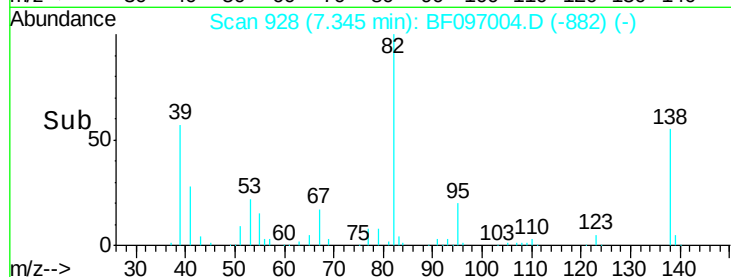
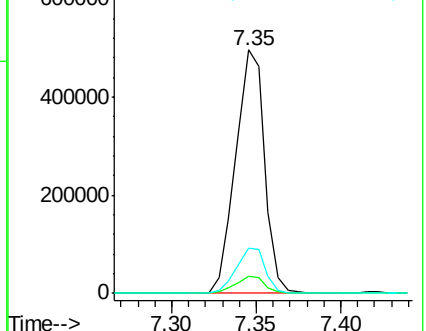
138 18.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.57 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

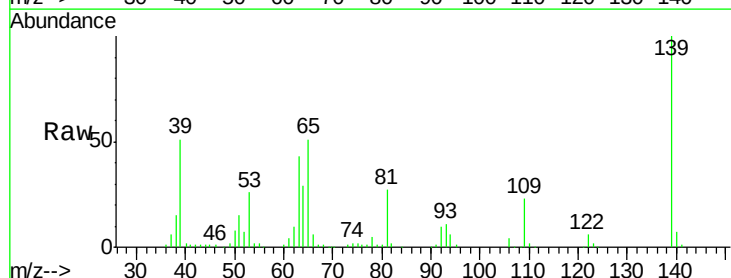
Tgt Ion: 139 Resp: 187237

Ion Ratio Lower Upper

139 100

109 23.1 21.0 31.6

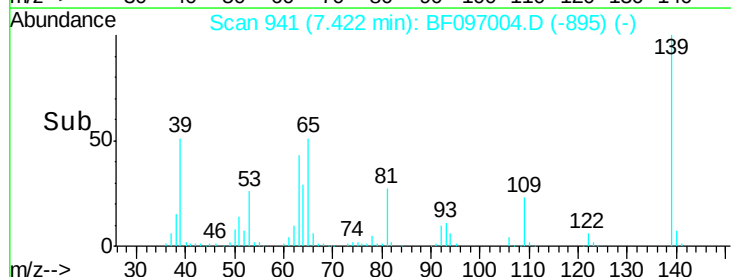
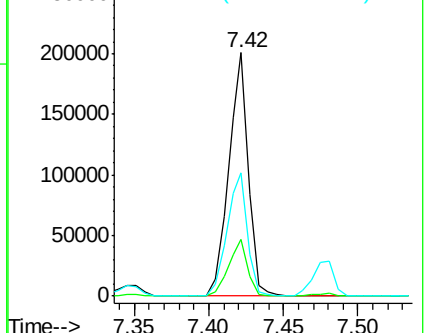
65 50.8 33.0 49.6#

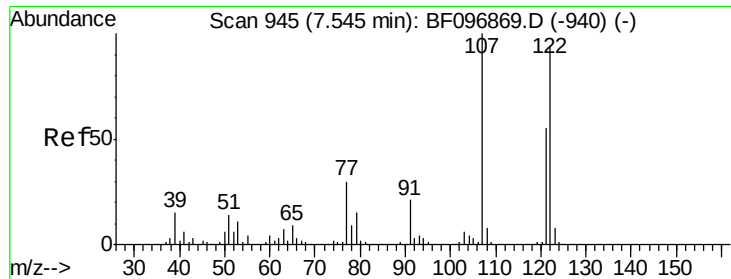


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.12 ng

RT: 7.48 min Scan# 951

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

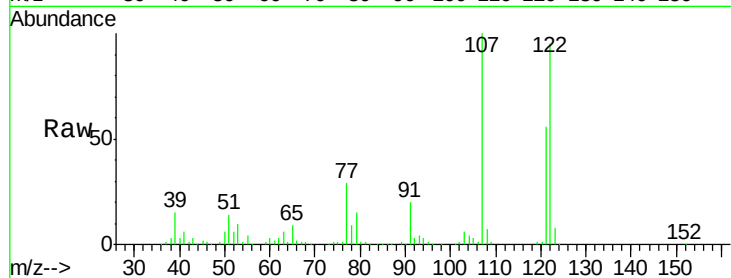
Tot Ion:122 Resp: 283099

Ion Ratio Lower Upper

122 100

107 105.6 89.2 133.8

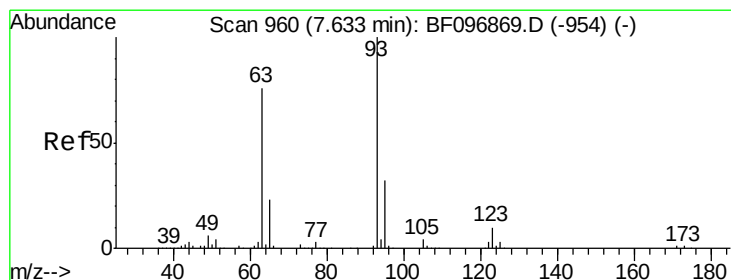
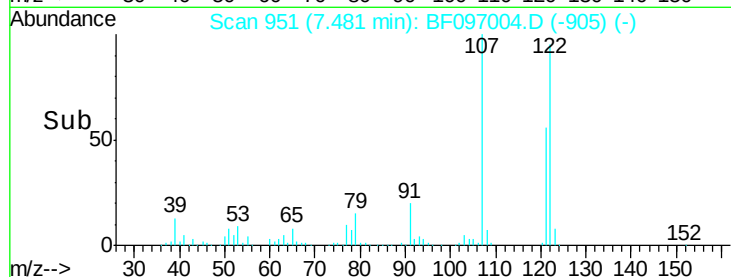
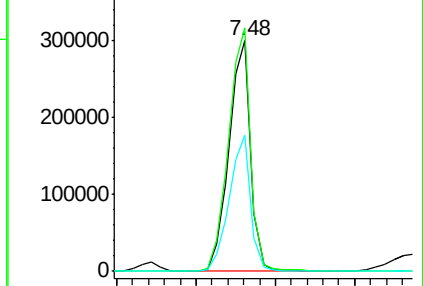
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.64 ng

RT: 7.56 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

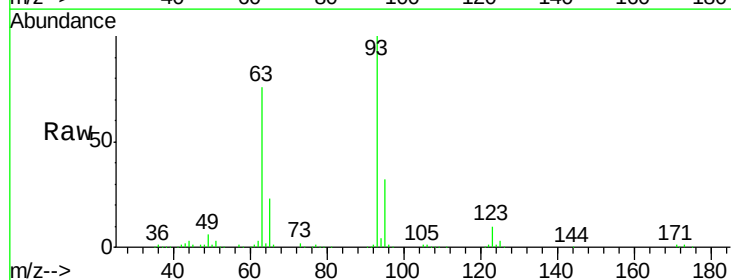
Tgt Ion: 93 Resp: 409931

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

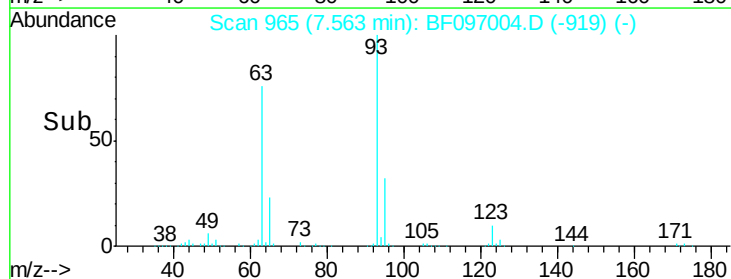
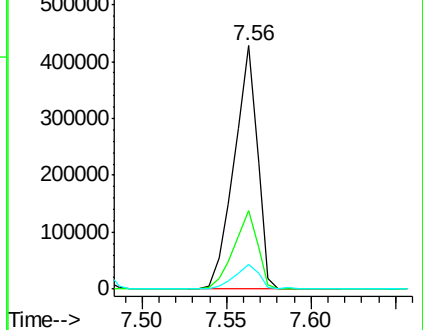
123 10.1 9.0 13.4

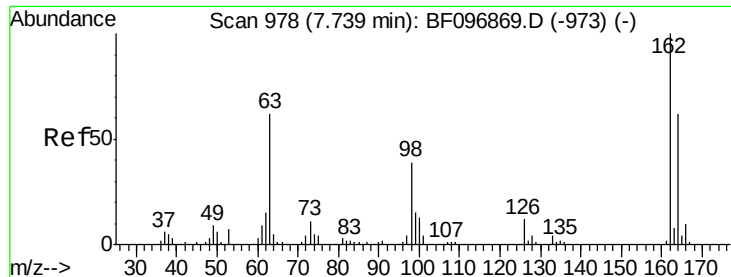


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

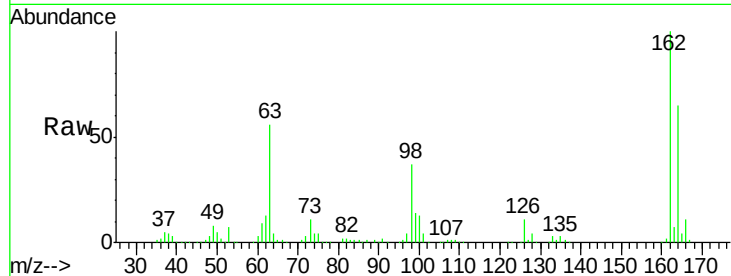




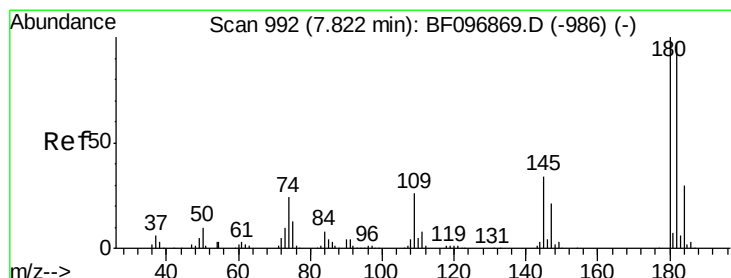
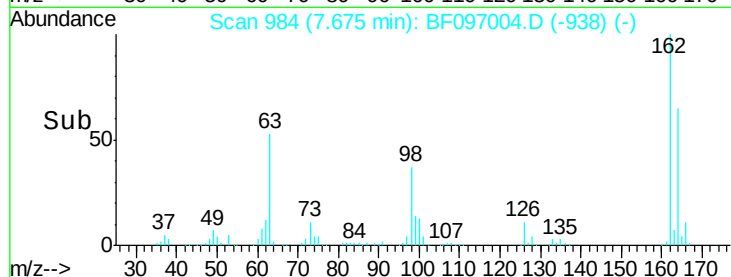
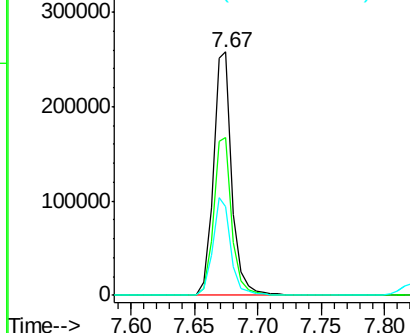
#29
 2,4-Dichlorophenol
 Concen: 40.46 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	36.7	14.8	54.8

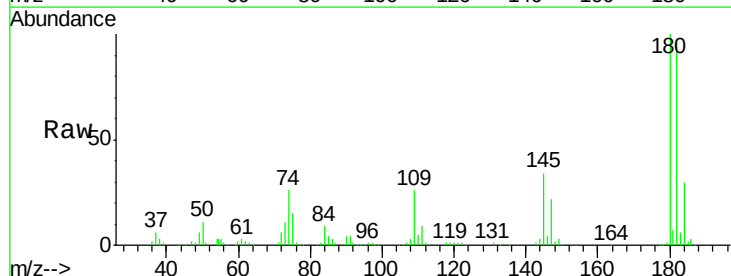


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

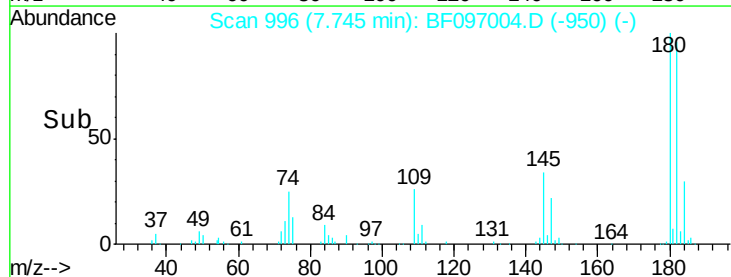
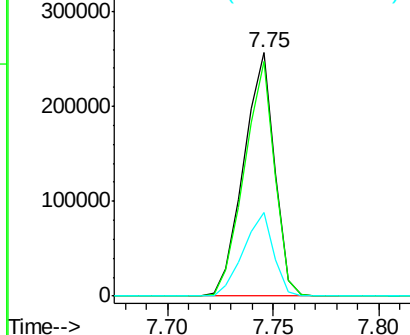


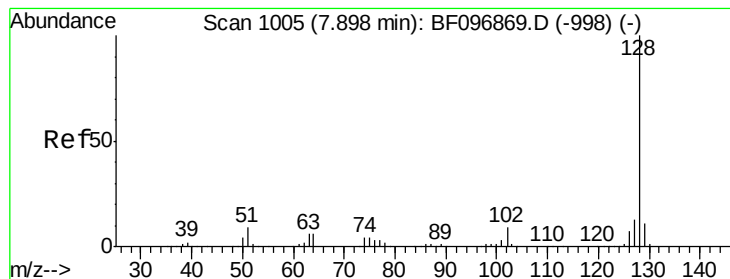
#30
 1,2,4-Trichlorobenzene
 Concen: 41.62 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
145	34.1	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: 42.45 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

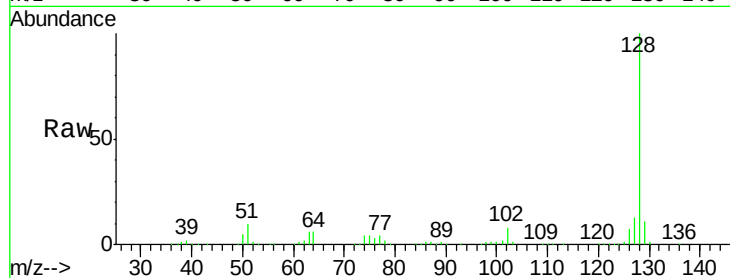
Tot Ion:128 Resp: 952730

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

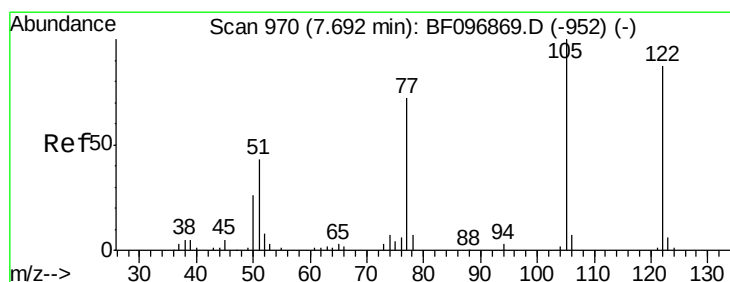
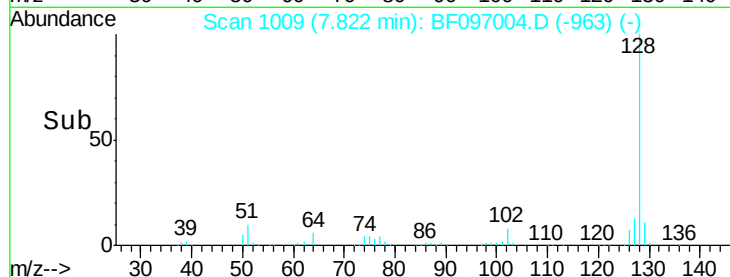
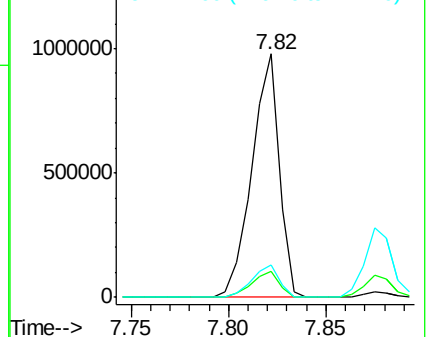
127 13.3 10.8 16.2



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: 7.45 ng

RT: 7.59 min Scan# 969

Delta R.T. -0.08 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

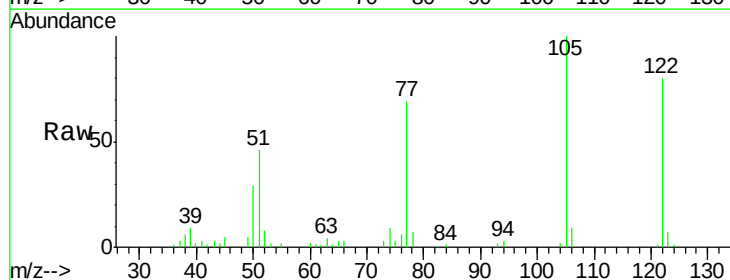
Tgt Ion:122 Resp: 34461

Ion Ratio Lower Upper

122 100

105 124.4 103.3 143.3

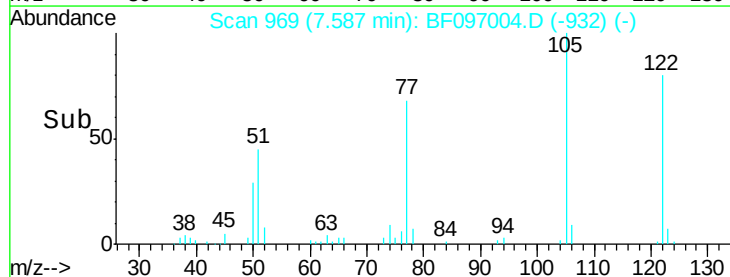
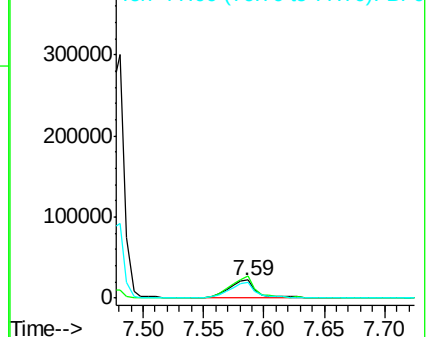
77 85.4 73.7 113.7

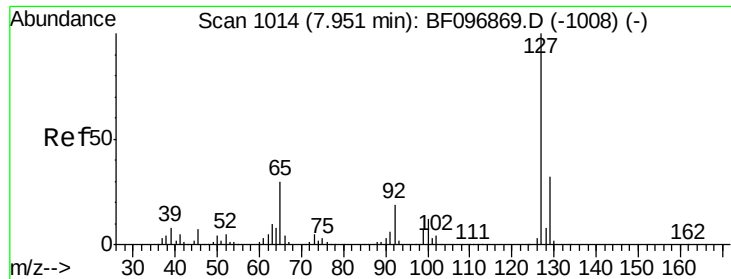


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

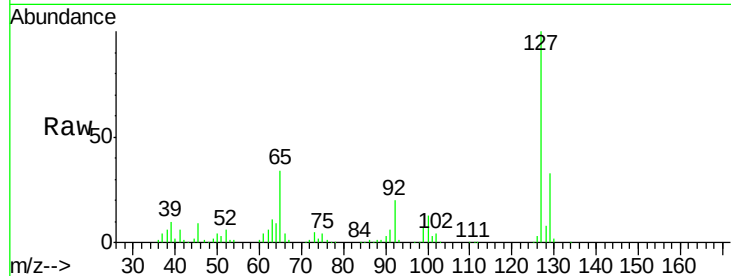




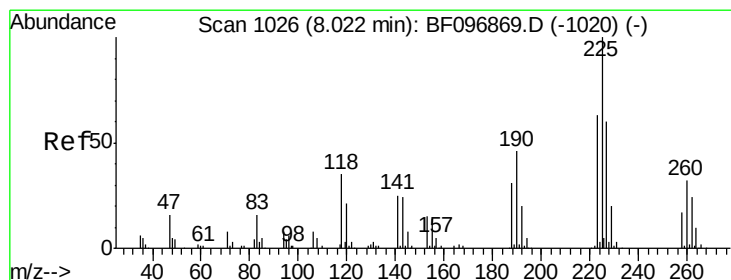
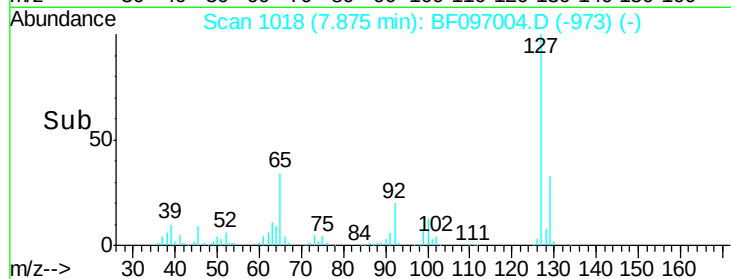
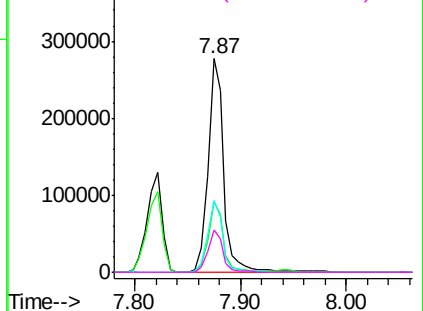
#33
4-Chloroaniline
Concen: 31.80 ng
RT: 7.87 min Scan# 1018
Delta R.T. -0.04 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:	127	Resp:	282713
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	33.7	27.8	41.8
92	19.7	16.8	25.2

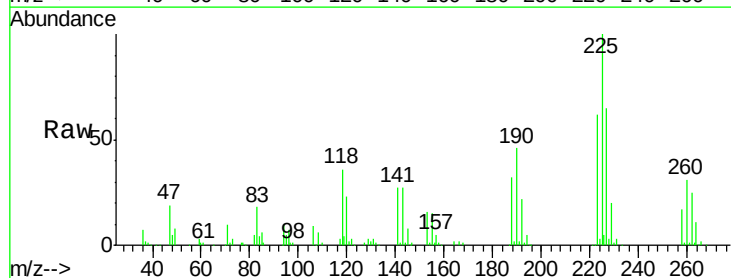


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

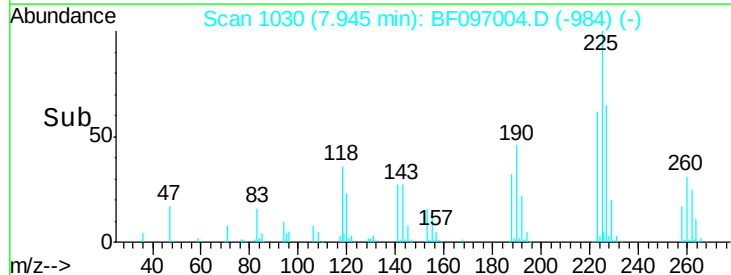
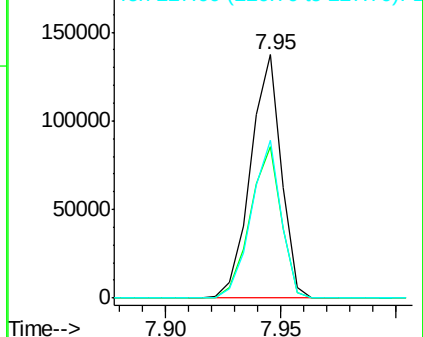


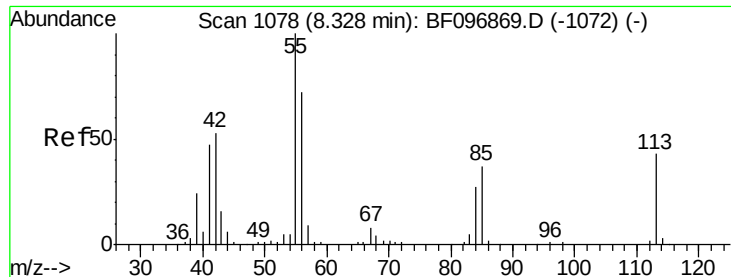
#34
Hexachlorobutadiene
Concen: 38.27 ng
RT: 7.95 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:	225	Resp:	127240
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	65.1	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: 22.92 ng

RT: 8.25 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

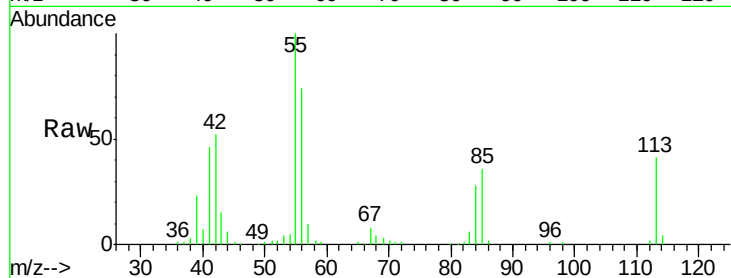
Tot Ion:113 Resp: 48102

Ion Ratio Lower Upper

113 100

55 242.8 150.2 190.2#

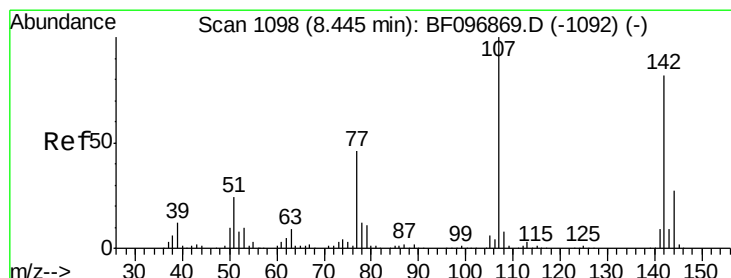
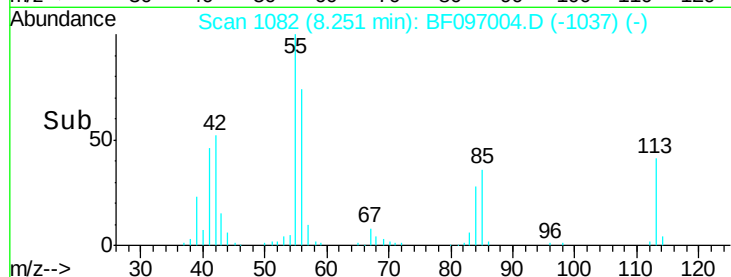
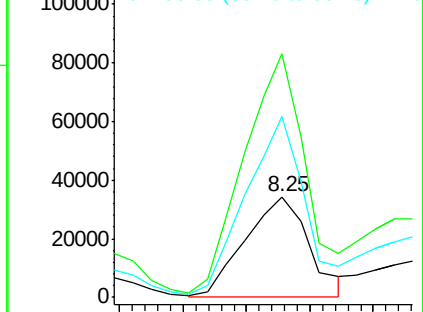
56 180.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.36 ng

RT: 8.38 min Scan# 1104

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

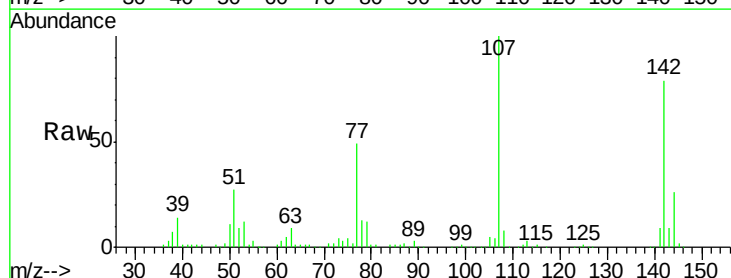
Tgt Ion:107 Resp: 284210

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

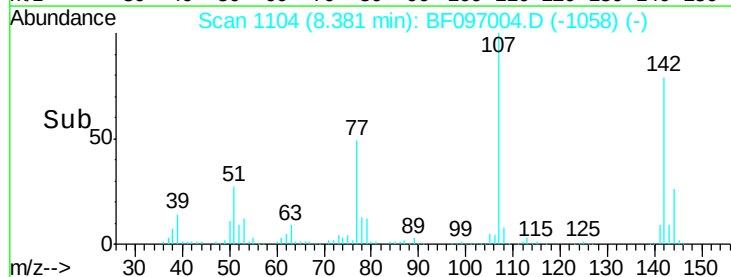
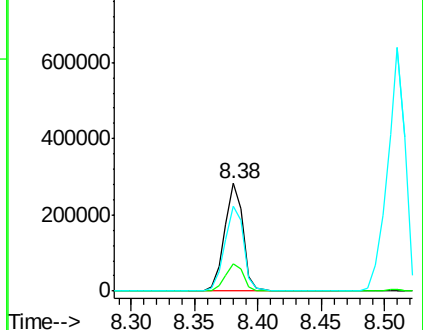
142 79.4 73.4 110.0

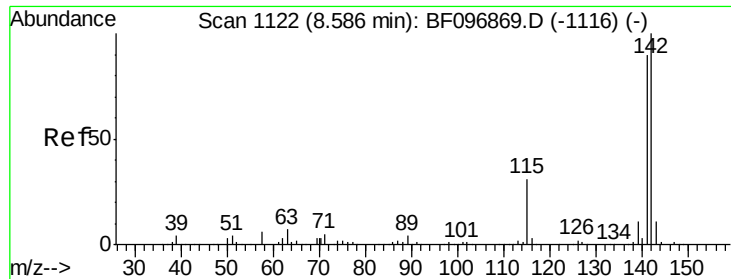


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

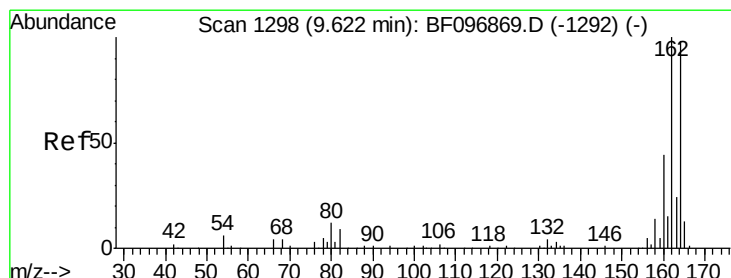
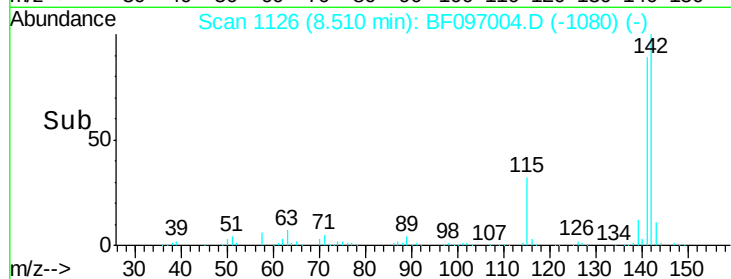
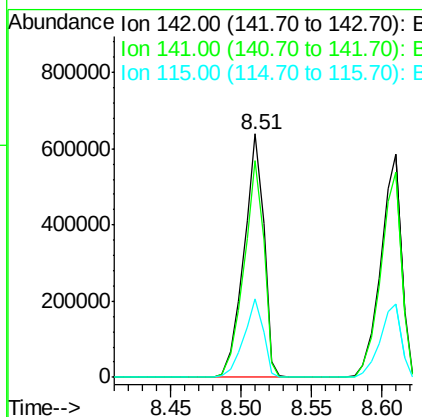
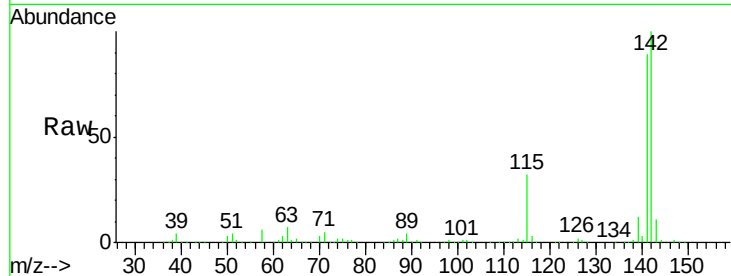




#37
 2-Methylnaphthalene
 Concen: 43.85 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

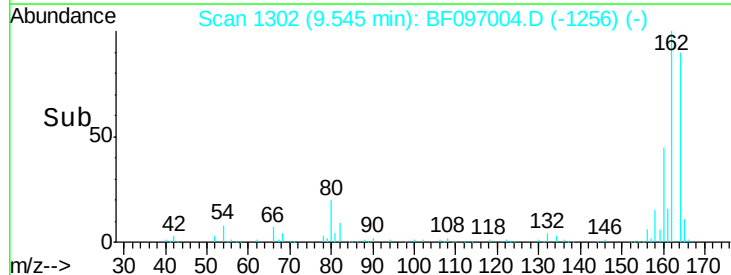
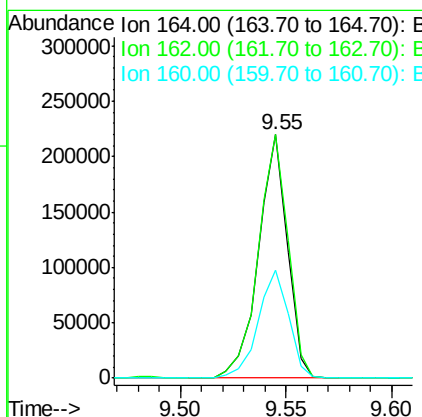
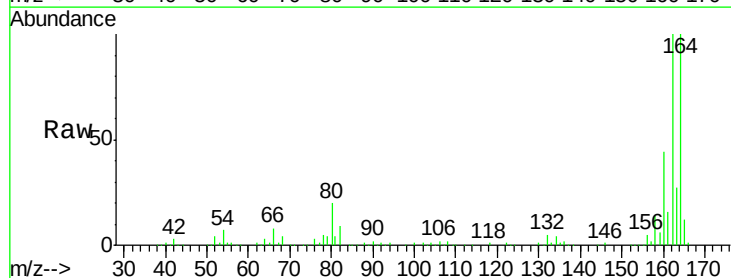
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

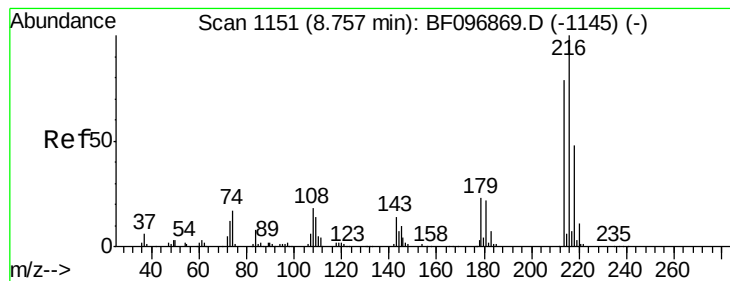
Tot Ion:142 Resp: 627330
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.3 106.9
 115 32.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:164 Resp: 209363
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.6 123.8
 160 44.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.55 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

Tot Ion:216 Resp: 218200

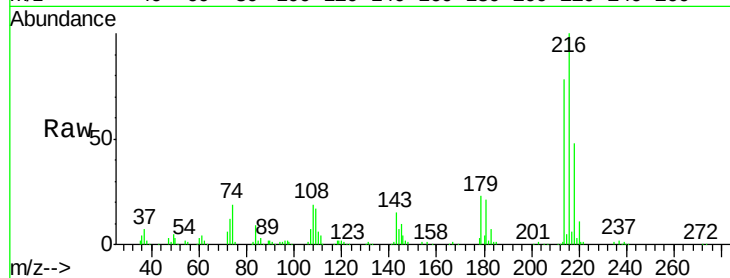
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 22.7 17.9 26.9

108 22.8 16.5 24.7

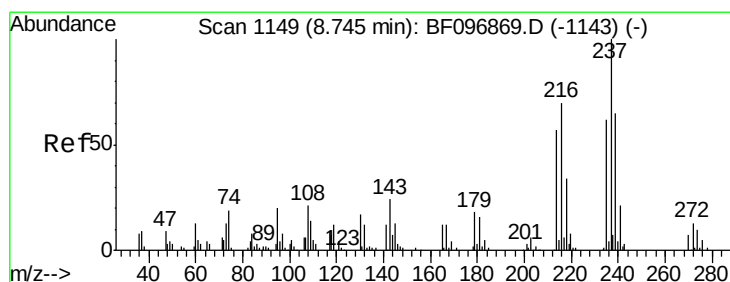
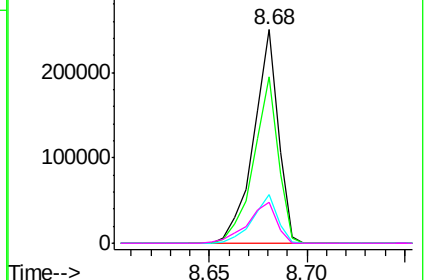
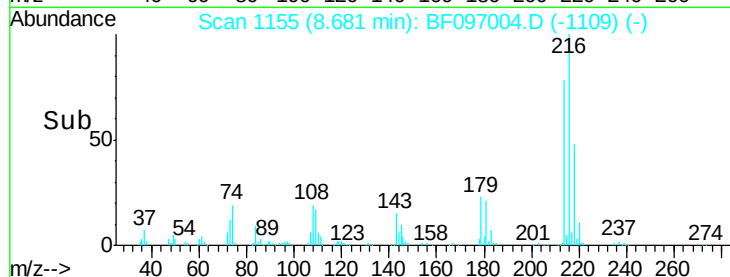


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.37 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

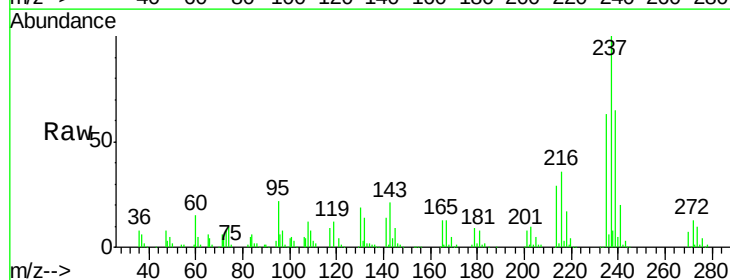
Tgt Ion:237 Resp: 159769

Ion Ratio Lower Upper

237 100

235 63.2 42.6 82.6

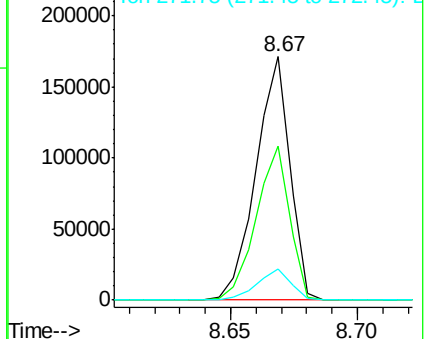
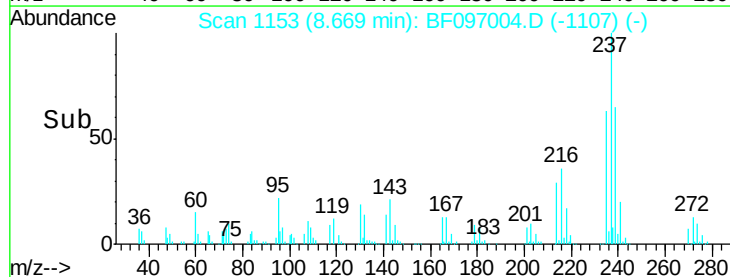
272 12.7 0.0 31.9

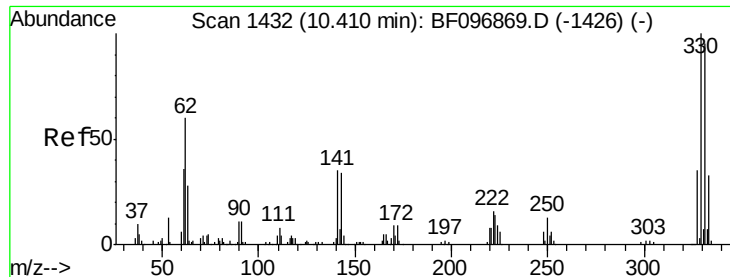


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

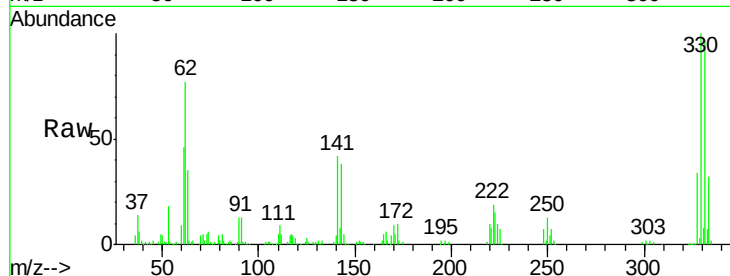




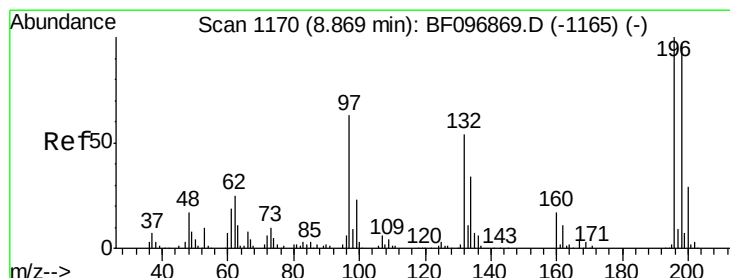
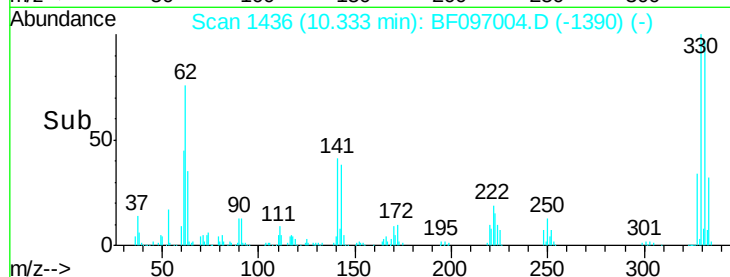
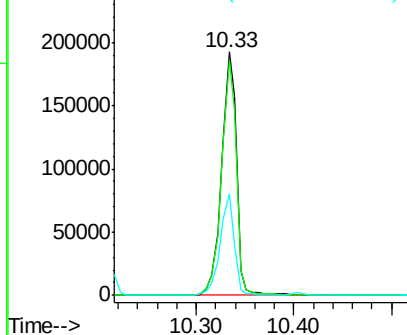
#41
 2,4,6-Tribromophenol
 Concen: 114.60 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

Tot Ion:330 Resp: 204795
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.4 31.4 47.2

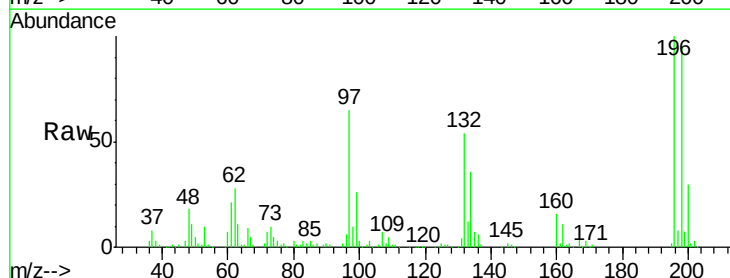


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

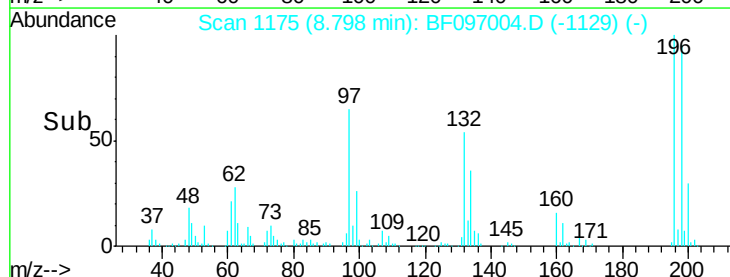
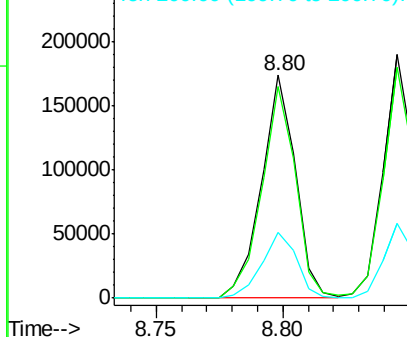


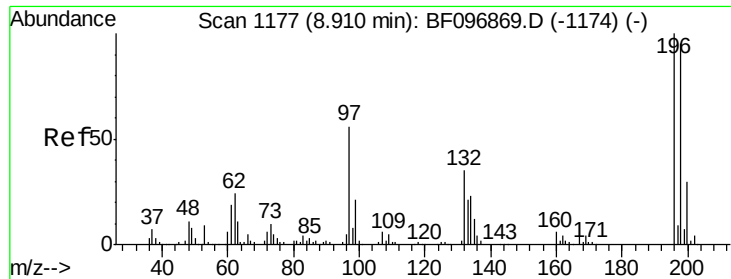
#42
 2,4,6-Trichlorophenol
 Concen: 38.80 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:196 Resp: 161965
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 29.7 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

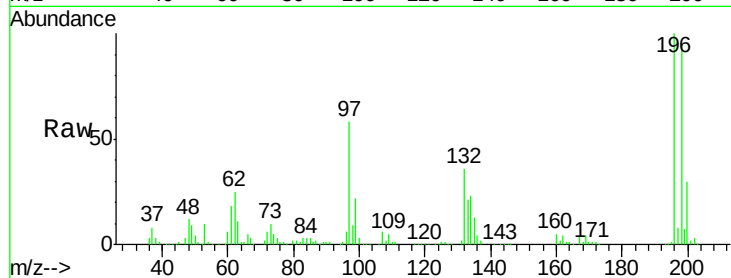




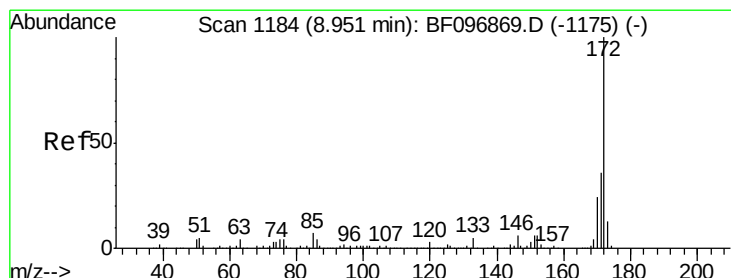
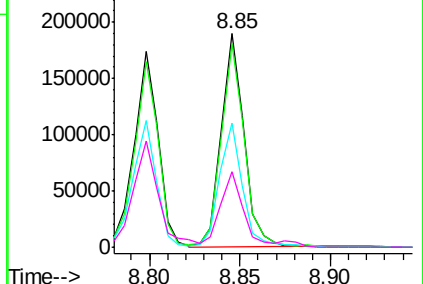
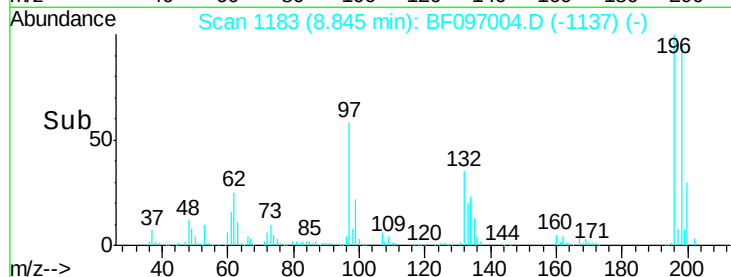
#43
 2,4,5-Trichlorophenol
 Concen: 39.37 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

Tot Ion:	196	Resp:	165756
Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
97	58.4	47.7	71.5
132	35.5	28.0	42.0

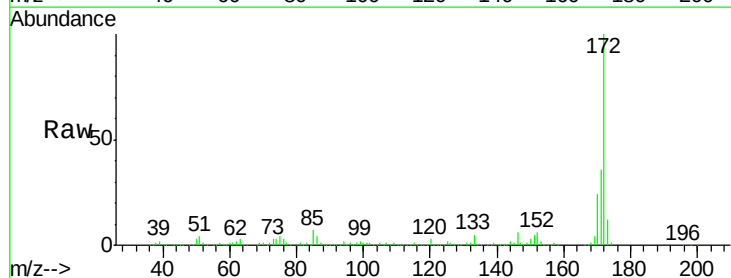


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

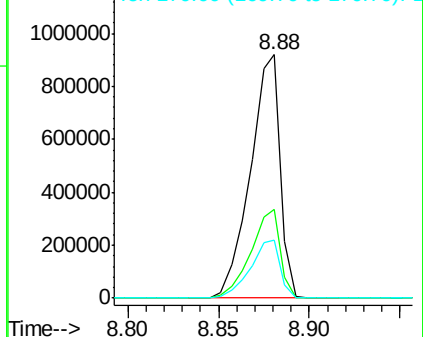
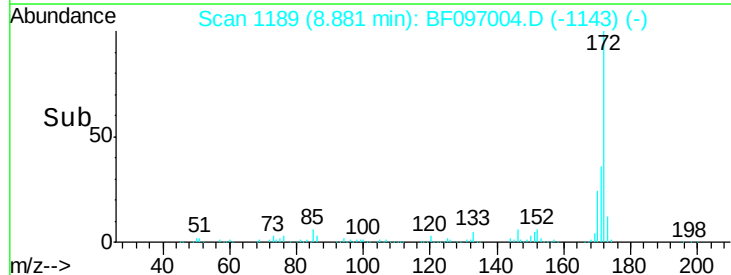


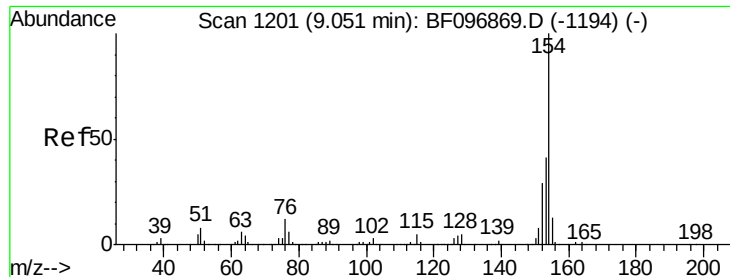
#44
 2-Fluorobiphenyl
 Concen: 79.12 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:	172	Resp:	1048421
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	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

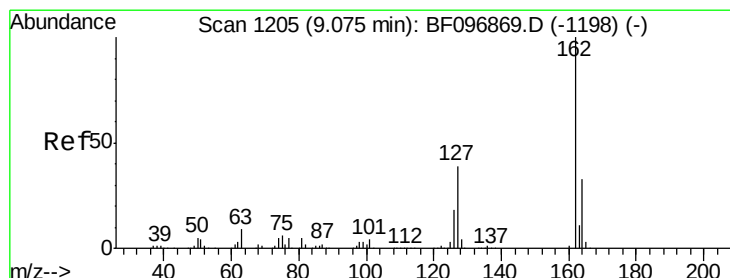
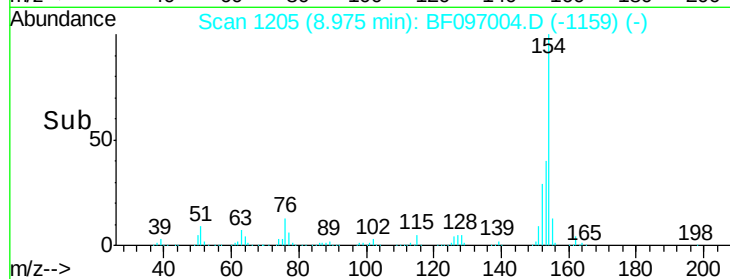
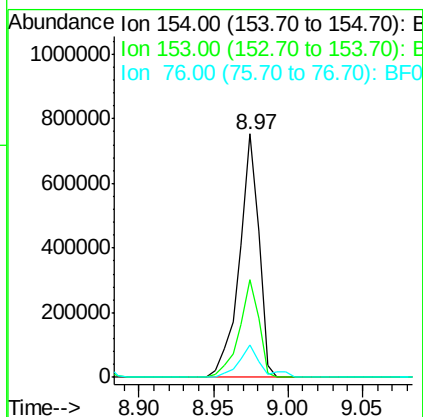
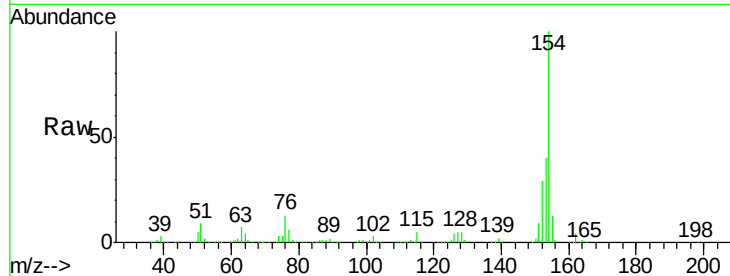




#45
 1,1'-Biphenyl
 Concen: 37.99 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

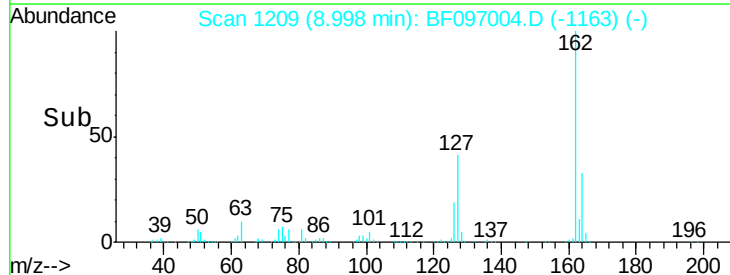
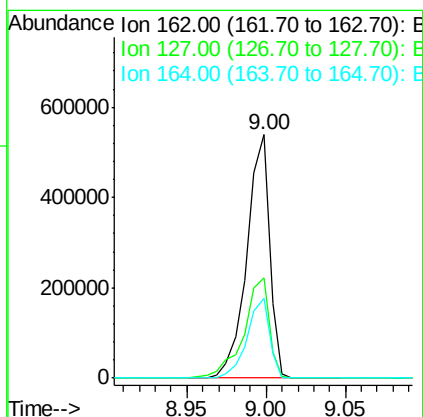
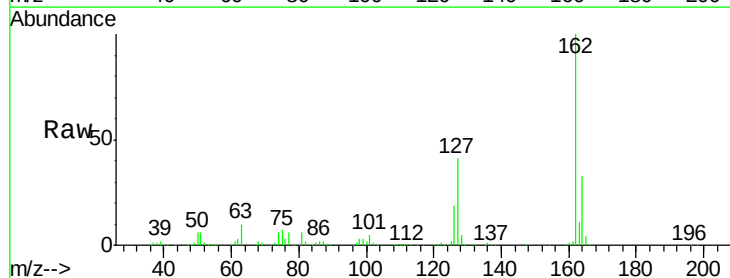
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

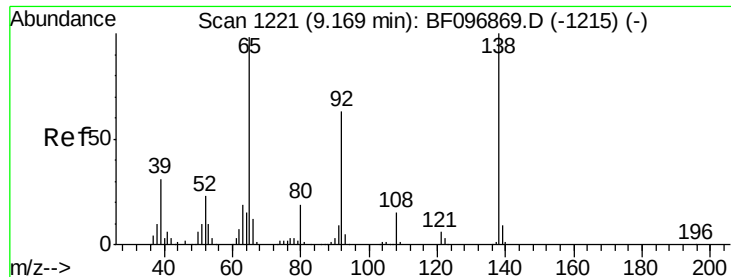
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.4	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 40.46 ng
 RT: 9.00 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	28.3	42.5
164	32.8	27.0	40.4

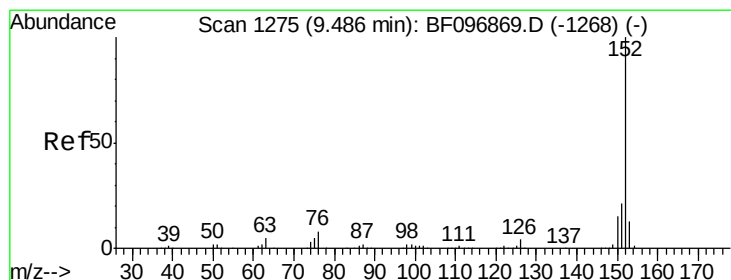
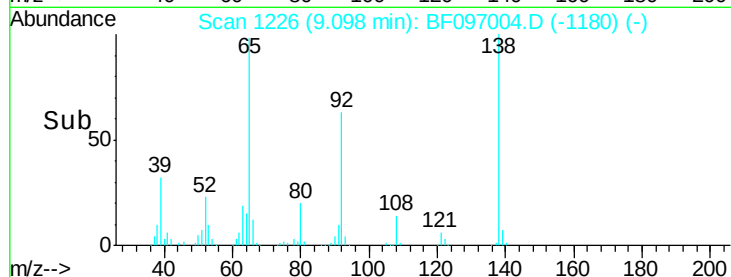
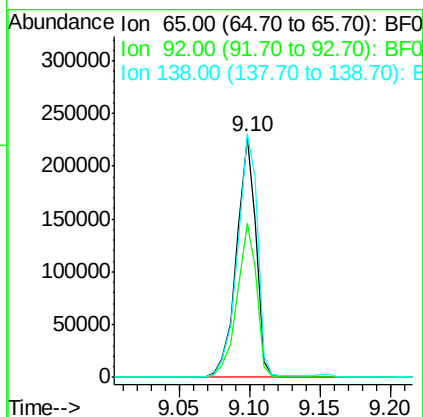
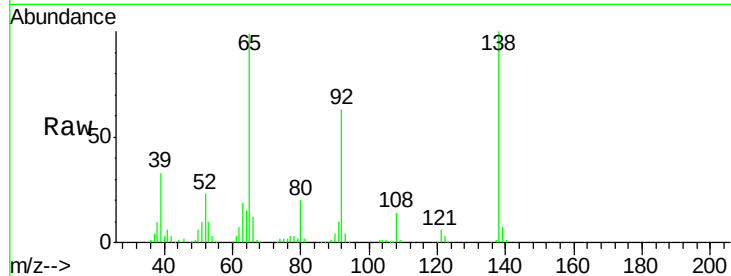




#47
2-Nitroaniline
Concen: 47.75 ng
RT: 9.10 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

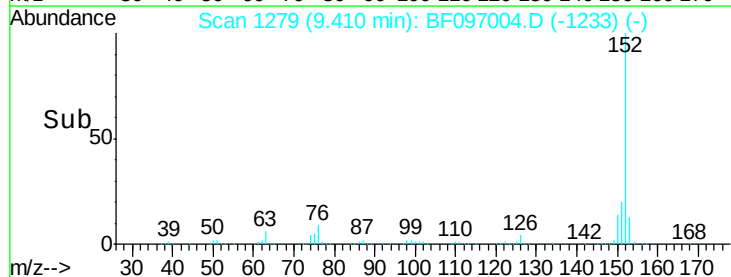
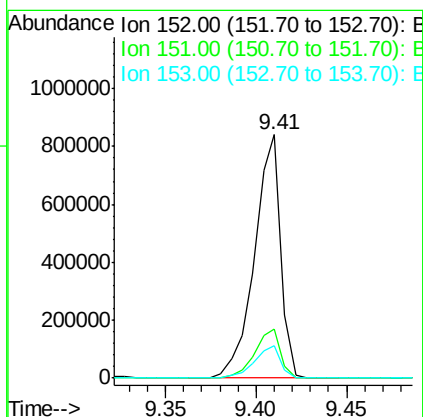
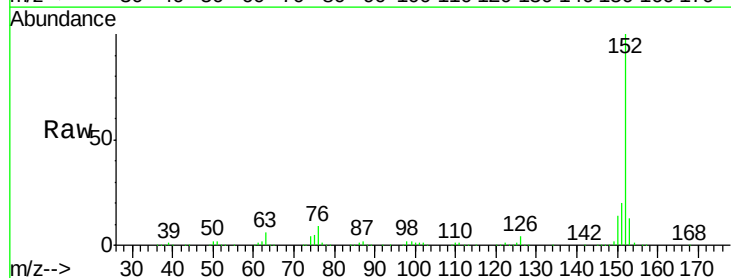
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

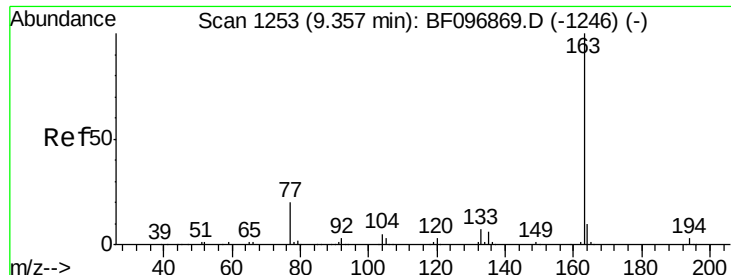
Tot Ion: 65 Resp: 217016
Ion Ratio Lower Upper
65 100
92 64.1 53.9 80.9
138 101.4 78.8 118.2



#48
Acenaphthylene
Concen: 39.87 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion: 152 Resp: 840035
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.2 10.8 16.2

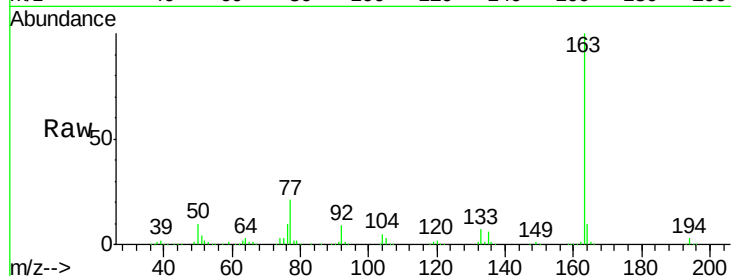




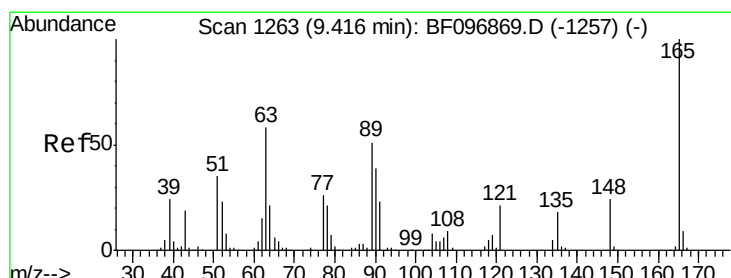
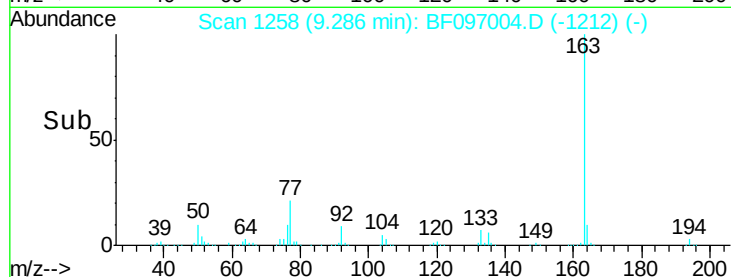
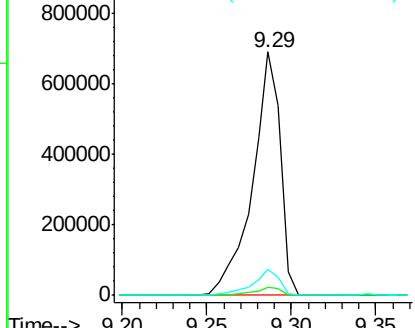
#49
Dimethylphthalate
Concen: 50.07 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:163 Resp: 789313
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.4 12.6

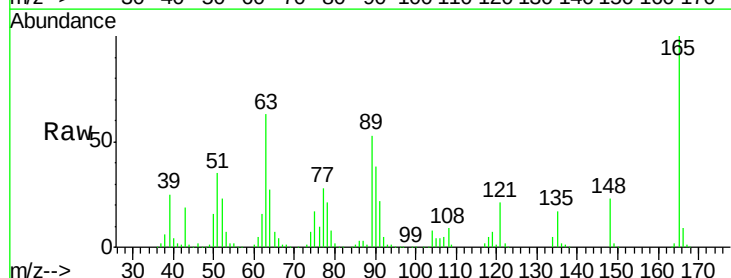


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

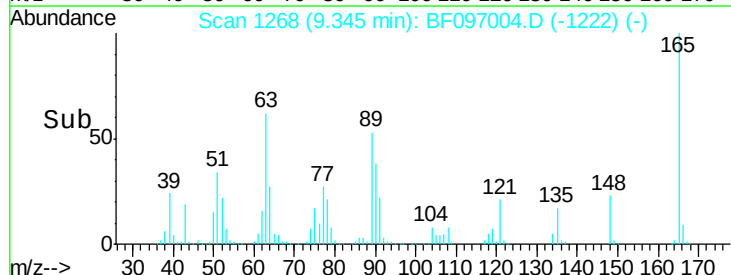
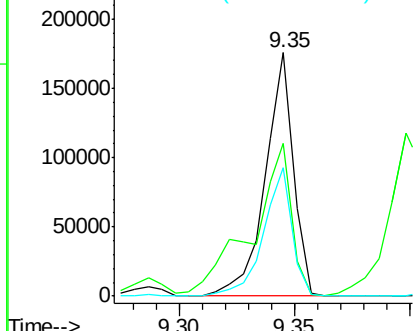


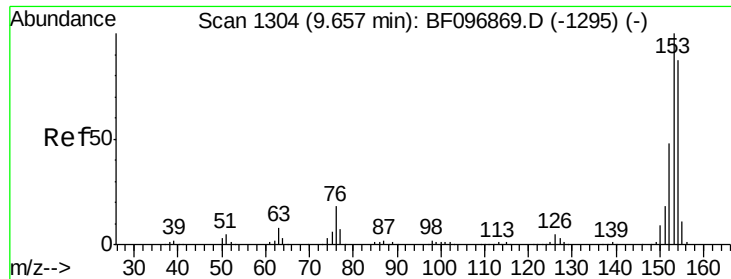
#50
2,6-Dinitrotoluene
Concen: 43.74 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:165 Resp: 149360
Ion Ratio Lower Upper
165 100
63 63.0 34.3 51.5#
89 52.6 37.1 55.7



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





#51

Acenaphthene

Concen: 39.74 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

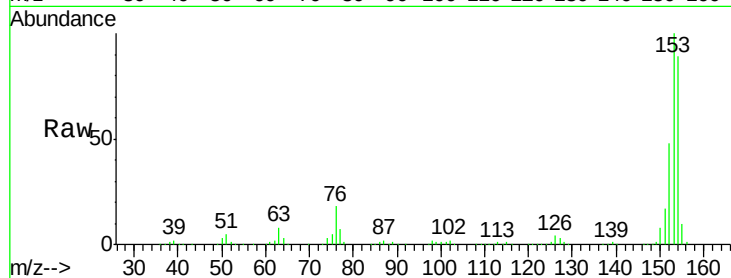
Tot Ion:154 Resp: 494561

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

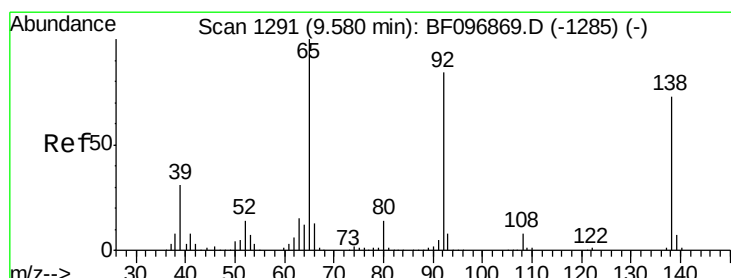
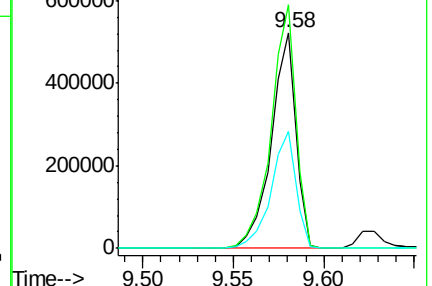
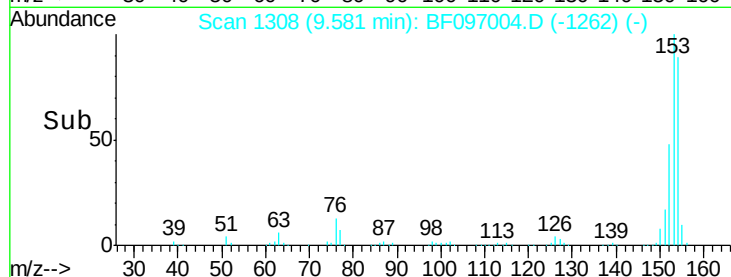
152 54.3 43.6 65.4



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: 36.42 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

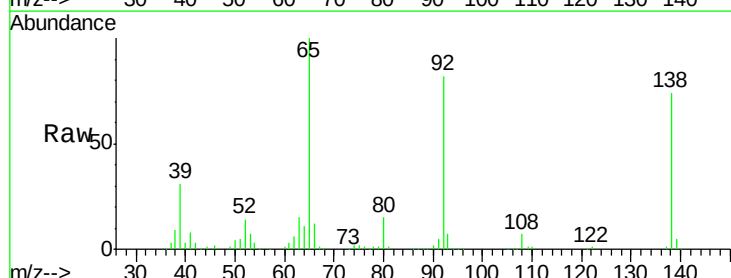
Tgt Ion:138 Resp: 147303

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

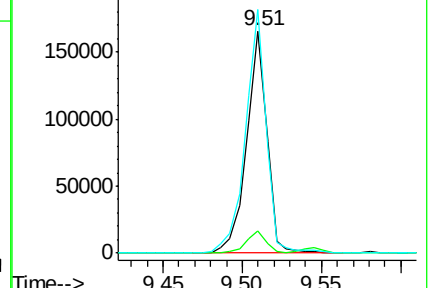
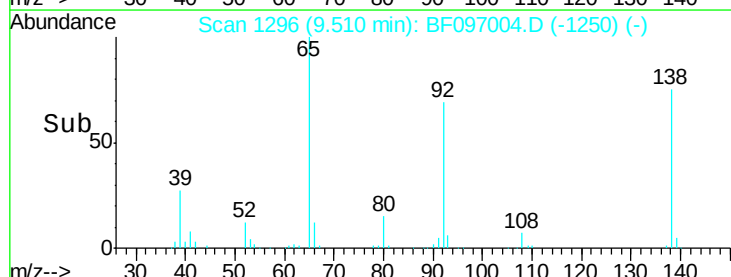
92 109.7 93.8 140.6

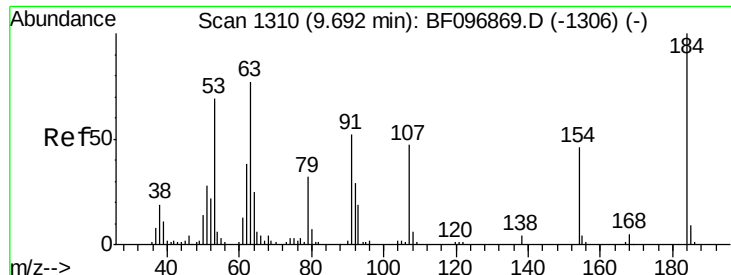


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

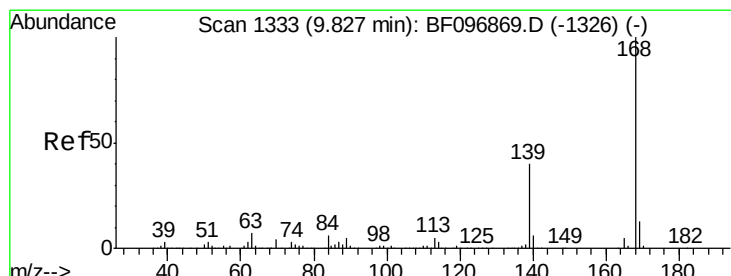
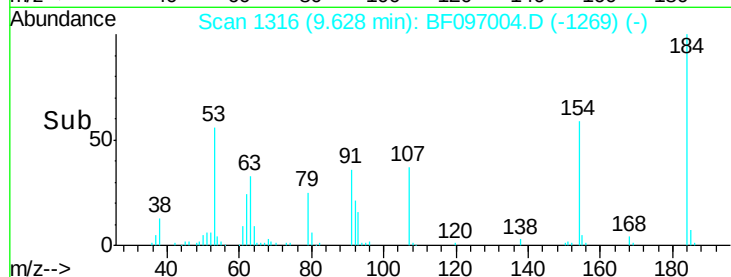
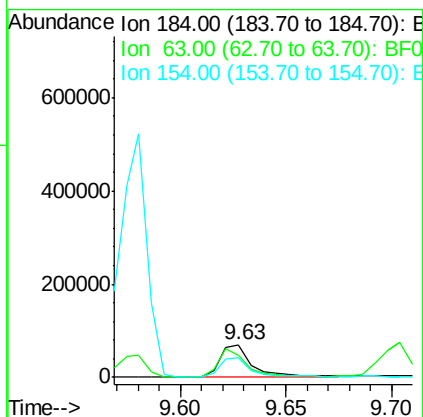
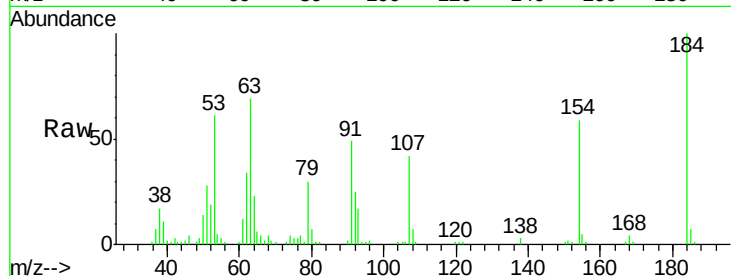




#53
 2,4-Dinitrophenol
 Concen: 47.83 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

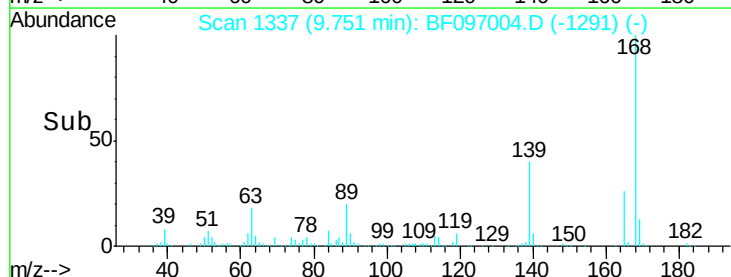
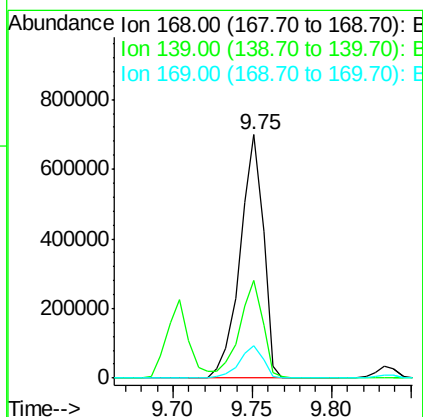
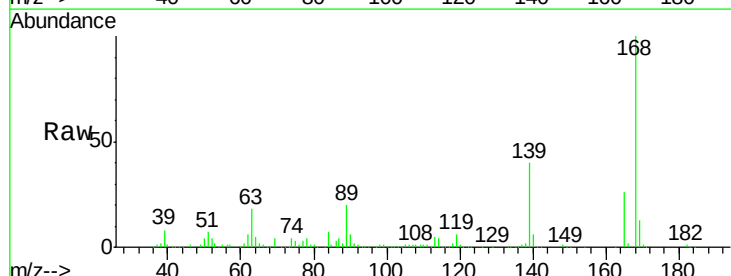
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

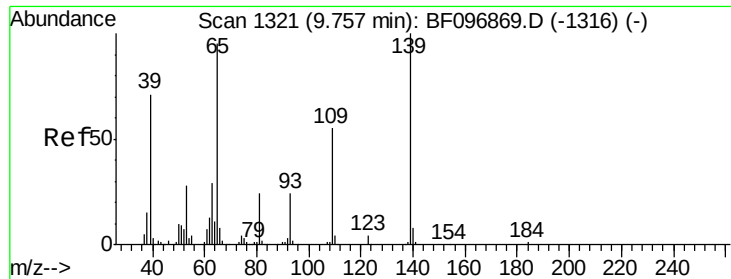
Tot Ion:184 Resp: 75857
 Ion Ratio Lower Upper
 184 100
 63 69.2 62.7 94.1
 154 58.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.61 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:168 Resp: 708269
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.6 45.8
 169 13.4 10.8 16.2

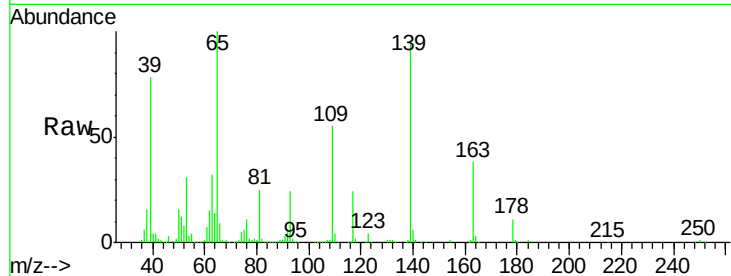




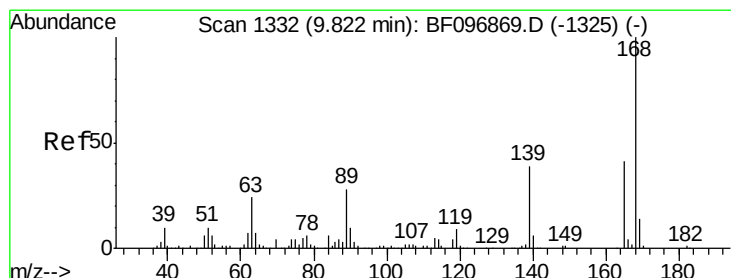
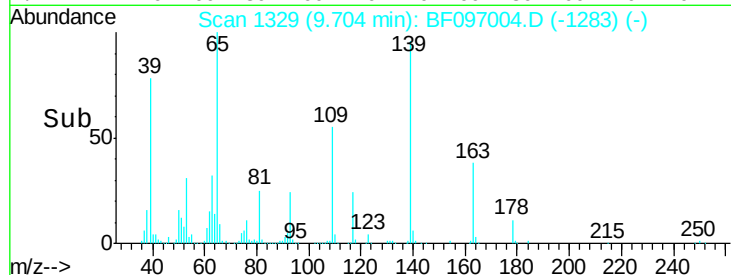
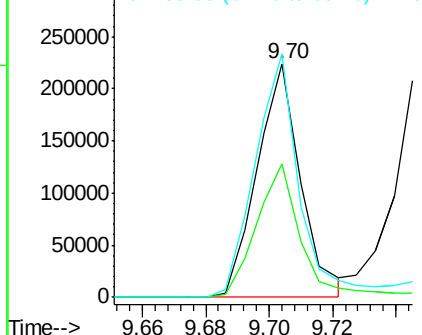
#55
4-Nitrophenol
Concen: 72.53 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:139 Resp: 214339
Ion Ratio Lower Upper
139 100
109 56.9 34.1 74.1
65 104.2 31.4 71.4#

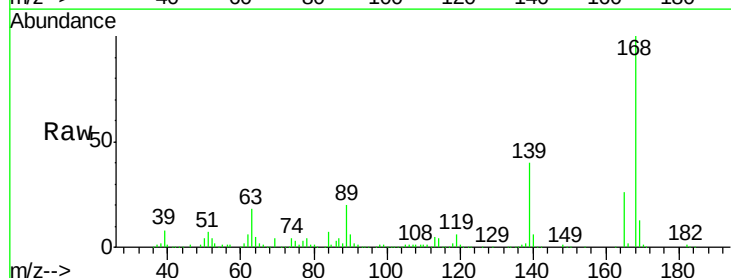


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

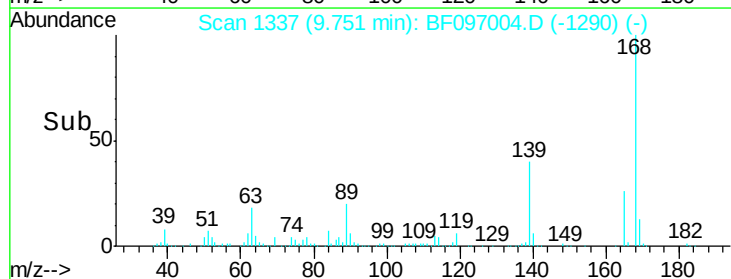
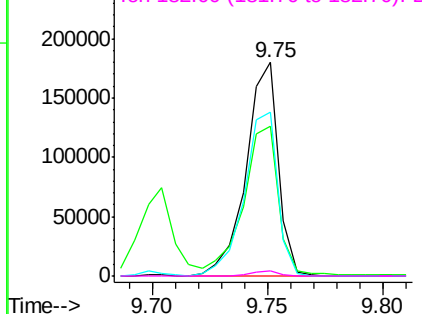


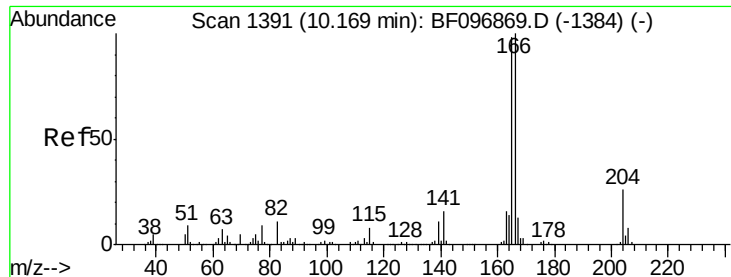
#56
2,4-Dinitrotoluene
Concen: 40.01 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:165 Resp: 175552
Ion Ratio Lower Upper
165 100
63 70.0 25.4 38.0#
89 76.9 46.4 69.6#
182 2.6 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.05 ng

RT: 10.09 min Scan# 1395

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

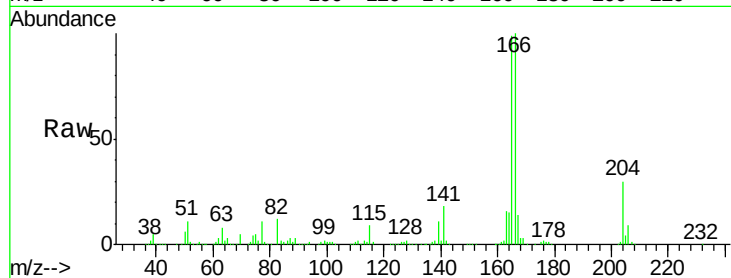
Tot Ion:166 Resp: 541876

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

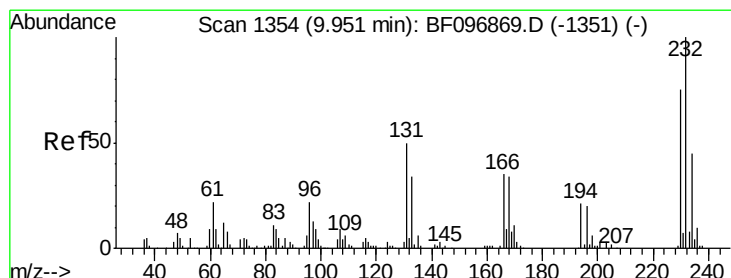
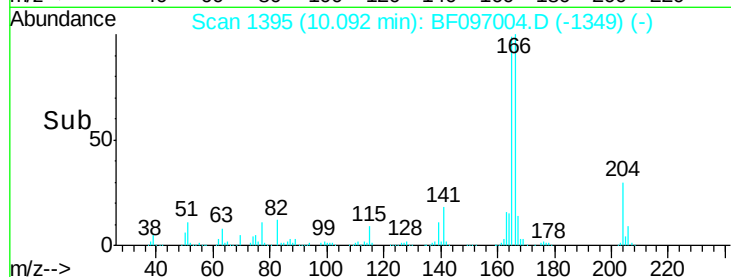
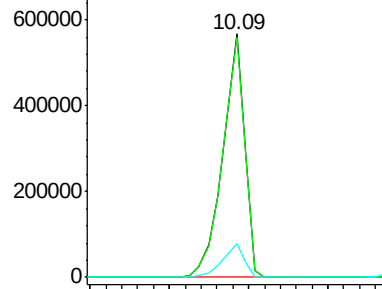
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.18 ng

RT: 9.88 min Scan# 1359

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Tgt Ion:232 Resp: 137761

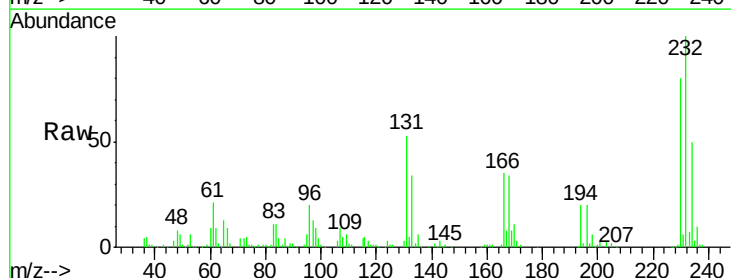
Ion Ratio Lower Upper

232 100

131 53.9 44.8 67.2

130 2.7 2.3 3.5

166 34.8 29.0 43.4

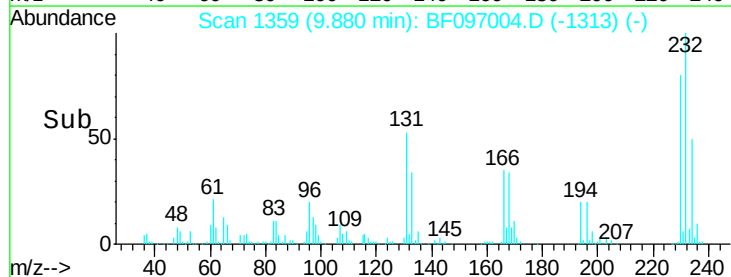
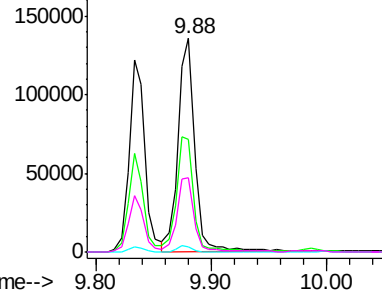


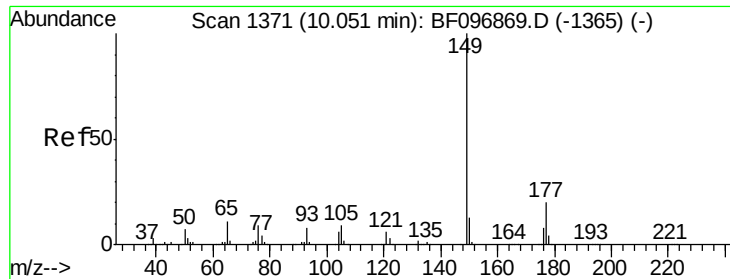
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

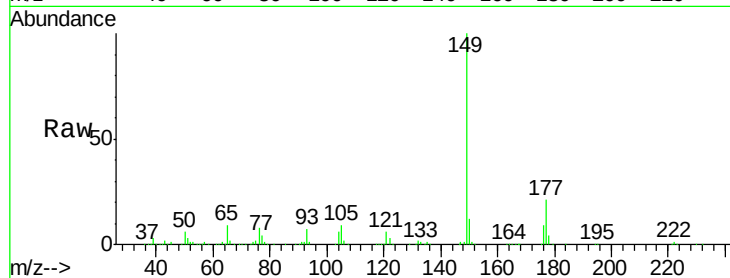




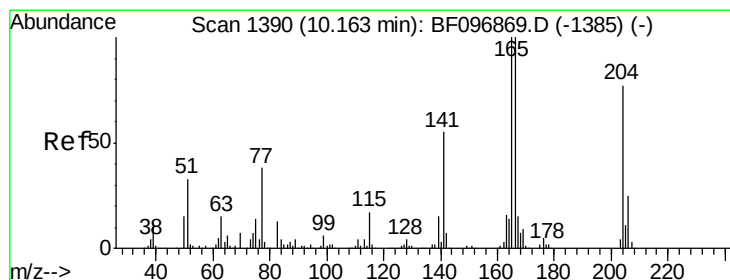
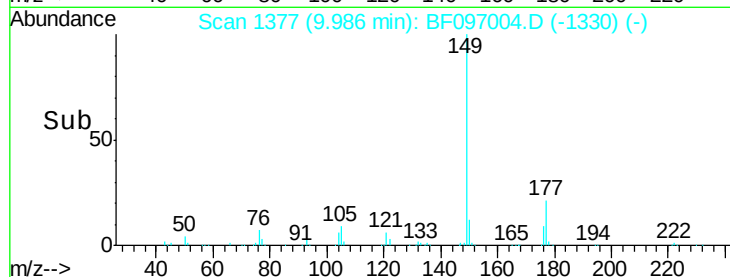
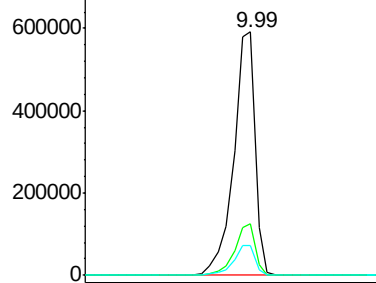
#59
Diethylphthalate
Concen: 41.51 ng
RT: 9.99 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:149 Resp: 637050
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.1 10.2 15.2

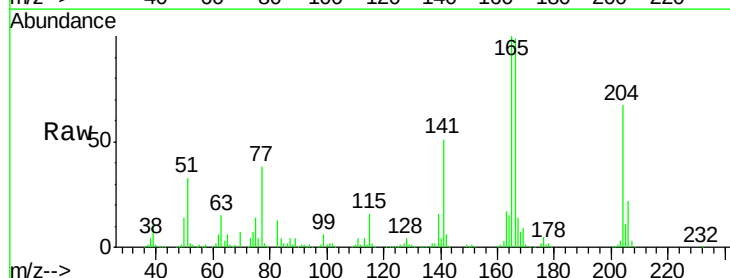


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

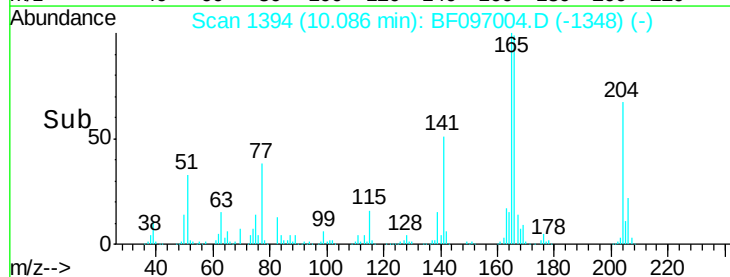
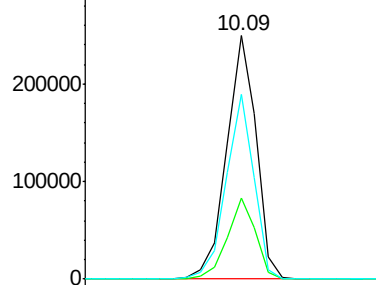


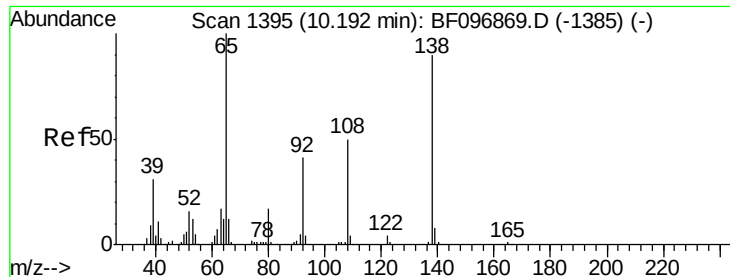
#60
4-Chlorophenyl-phenylether
Concen: 40.51 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:204 Resp: 222111
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 76.0 60.8 91.2



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

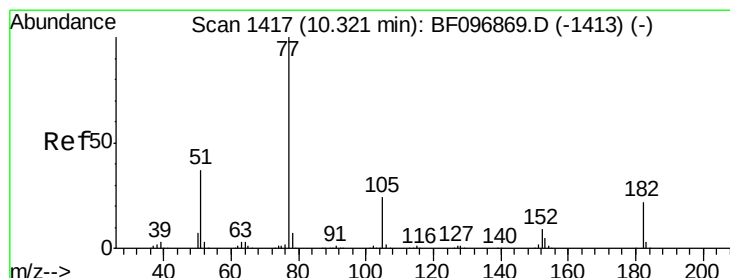
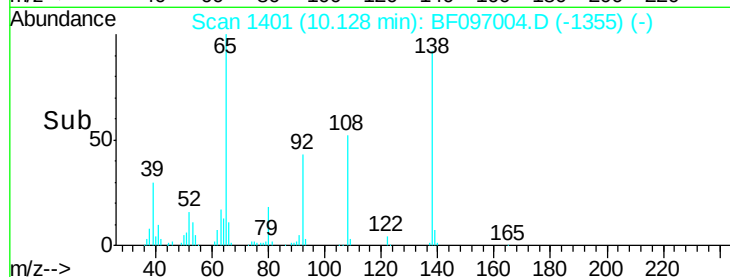
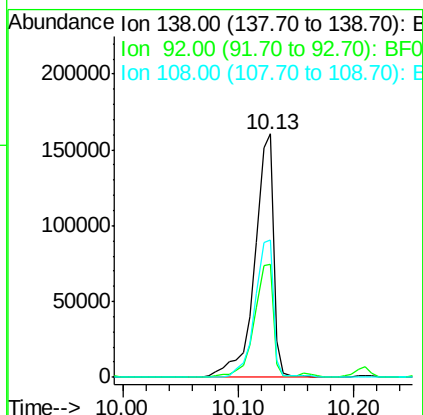
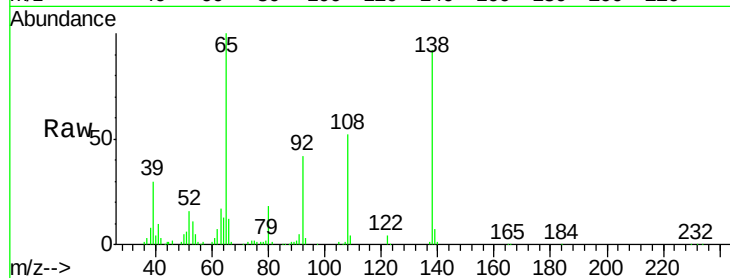




#61
4-Nitroaniline
Concen: 48.54 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

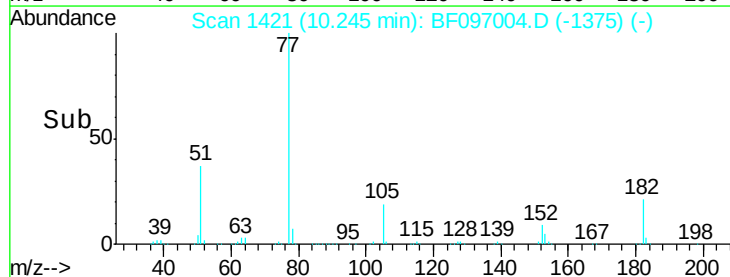
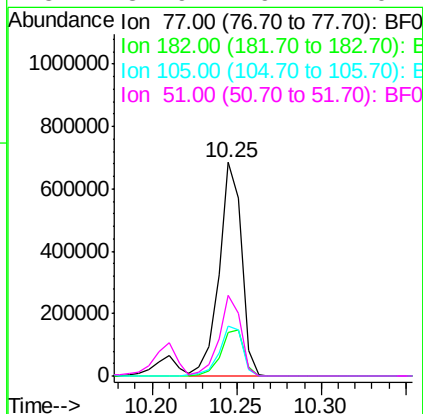
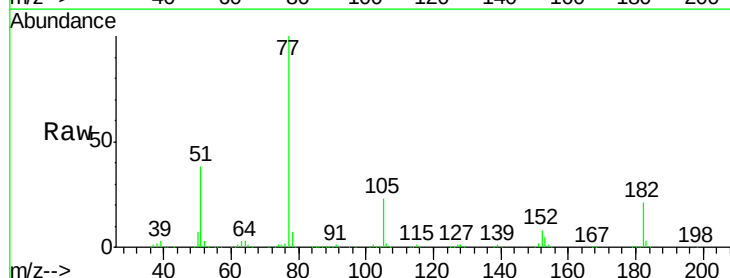
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

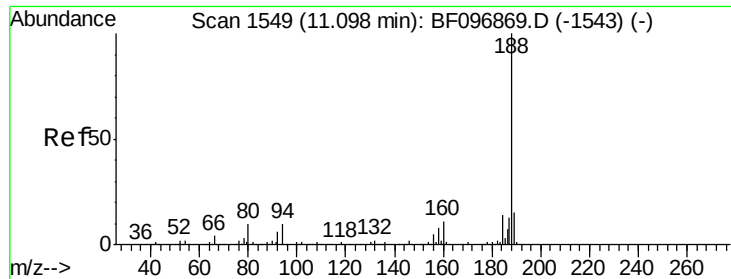
Tot Ion:138 Resp: 184393
Ion Ratio Lower Upper
138 100
92 46.4 21.8 61.8
108 56.3 42.3 82.3



#62
Azobenzene
Concen: 46.74 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion: 77 Resp: 632743
Ion Ratio Lower Upper
77 100
182 20.6 0.1 40.1
105 23.4 3.6 43.6
51 37.9 9.4 49.4

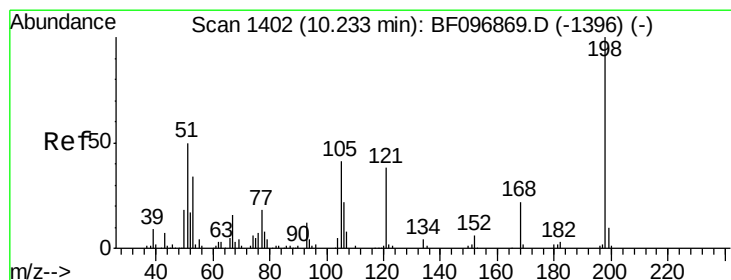
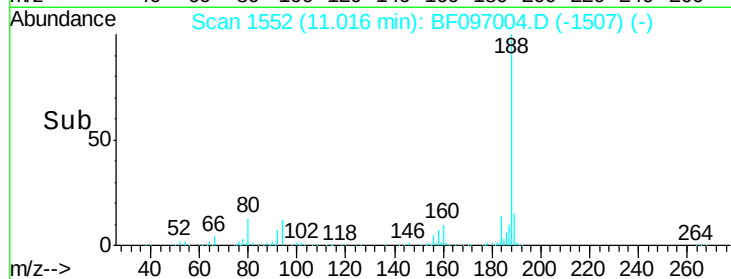
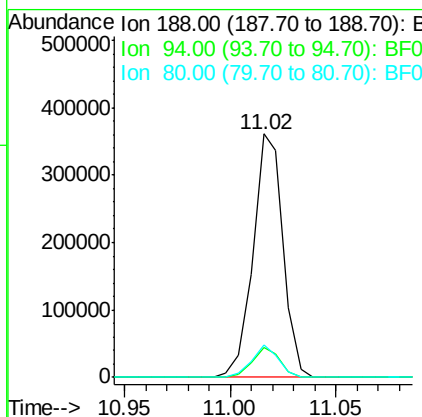
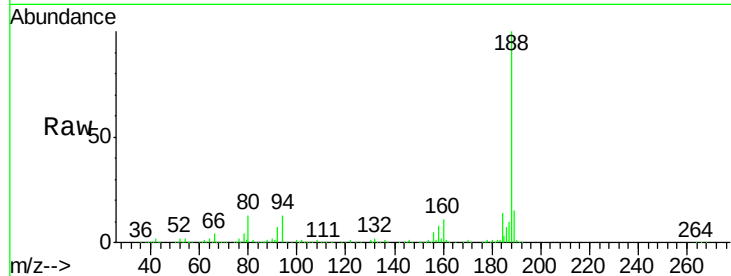




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

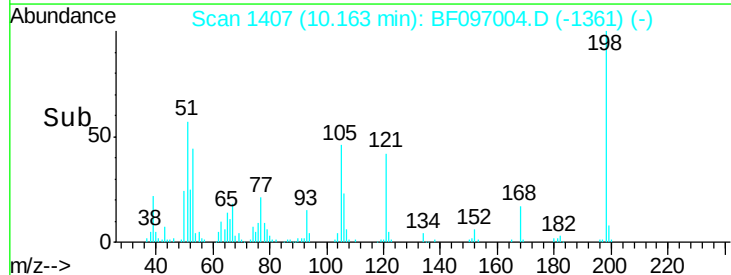
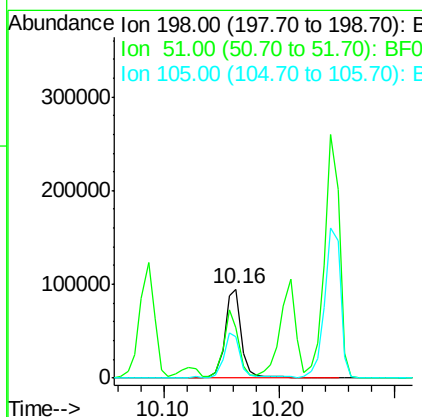
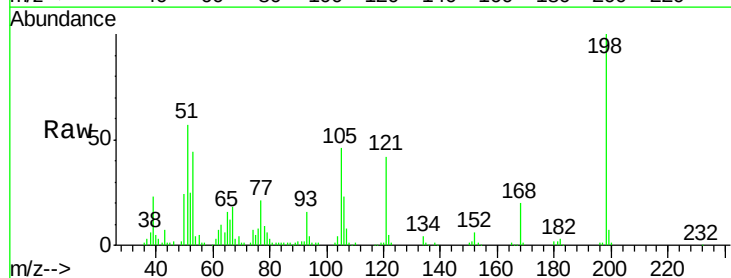
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

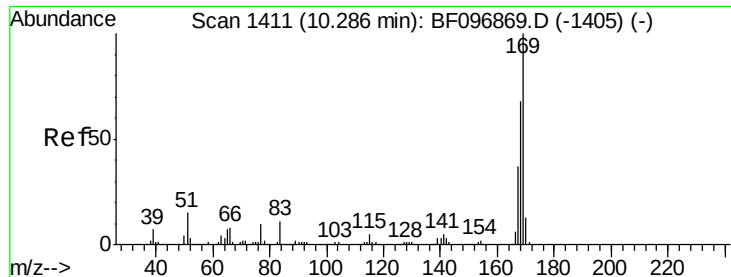
Tot Ion:188 Resp: 355450
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.27 ng
RT: 10.16 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:198 Resp: 94333
Ion Ratio Lower Upper
198 100
51 57.0 53.2 93.2
105 45.7 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 40.32 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

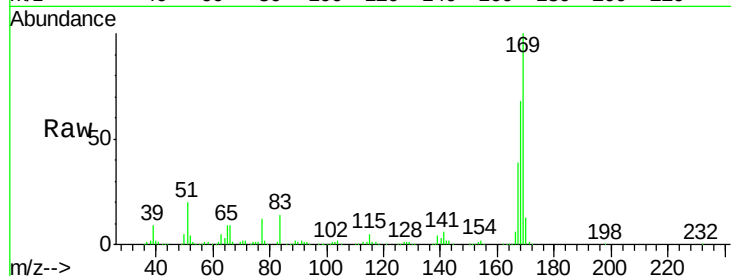
Tot Ion:169 Resp: 512355

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

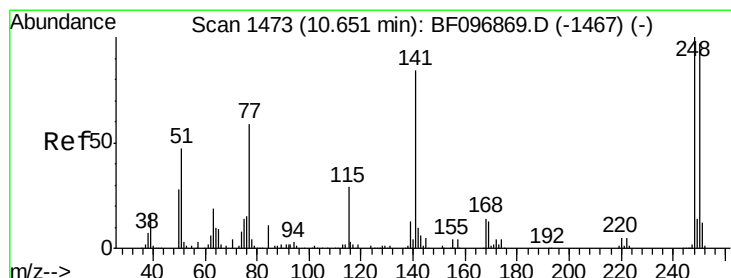
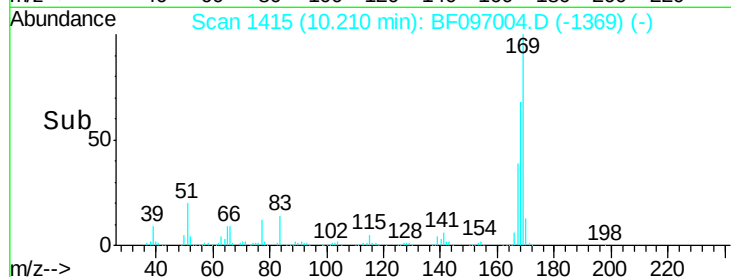
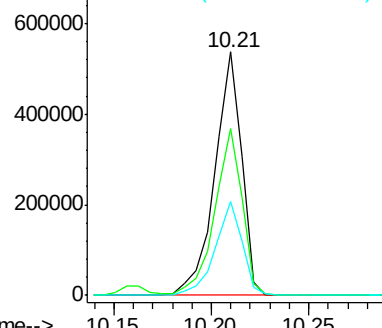
167 38.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.38 ng

RT: 10.57 min Scan# 1477

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

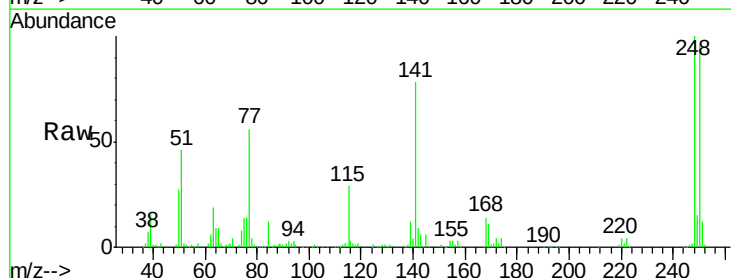
Tgt Ion:248 Resp: 150164

Ion Ratio Lower Upper

248 100

250 96.3 76.8 115.2

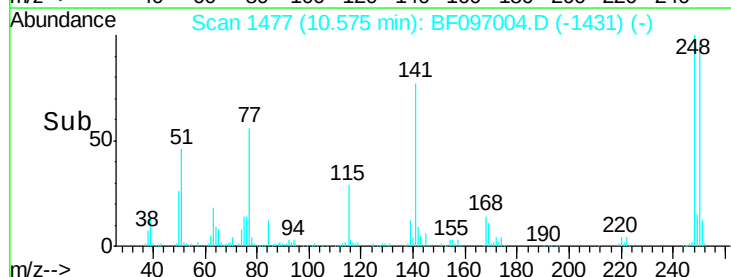
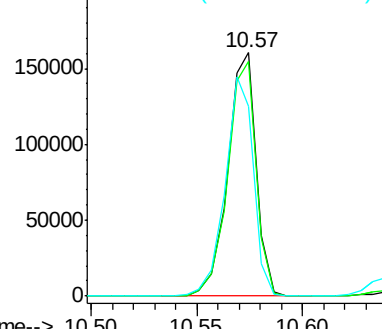
141 78.0 68.6 103.0

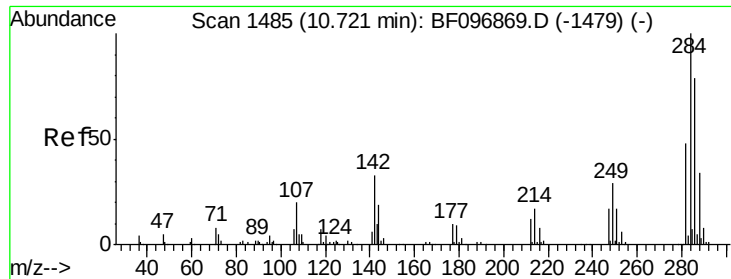


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

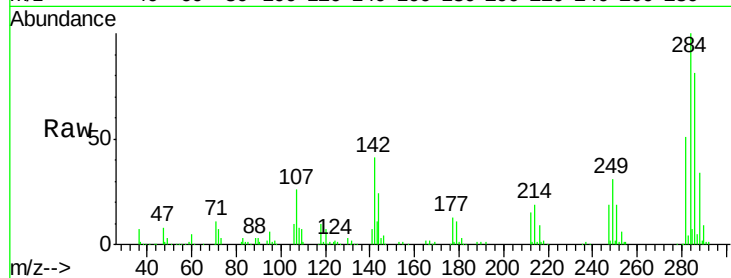




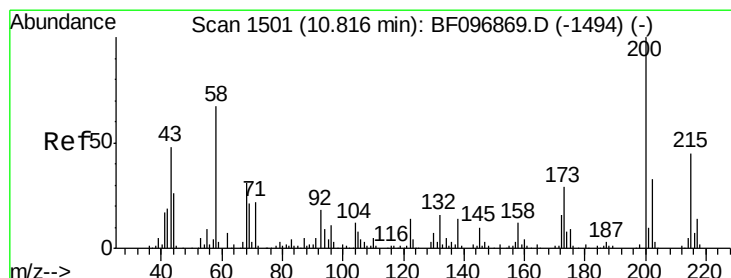
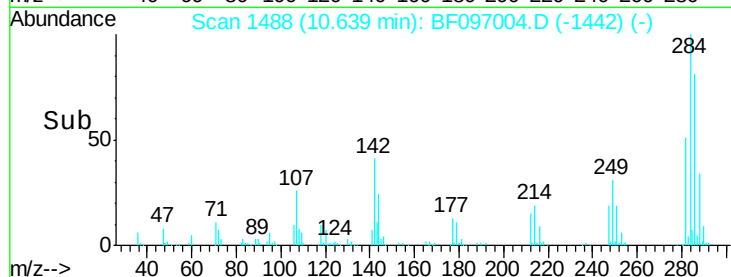
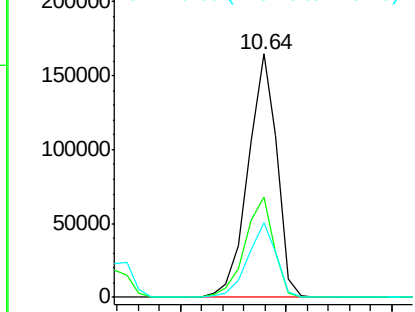
#67
Hexachlorobenzene
Concen: 38.43 ng
RT: 10.64 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:284 Resp: 155310
Ion Ratio Lower Upper
284 100
142 41.1 22.8 34.2#
249 30.9 24.0 36.0

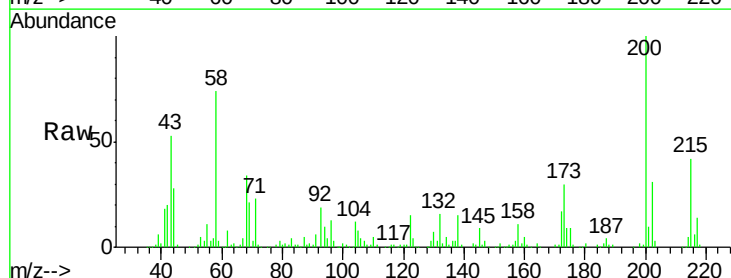


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

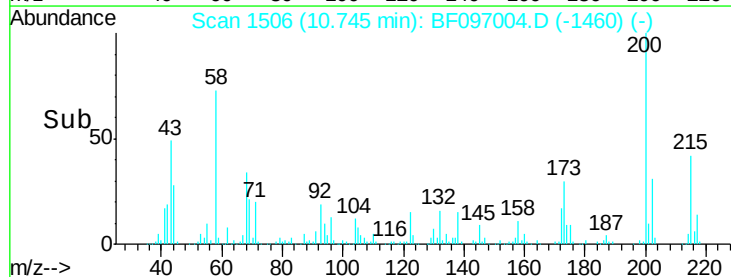
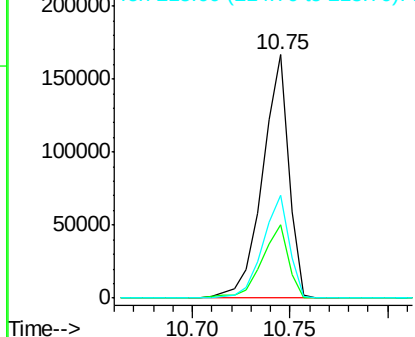


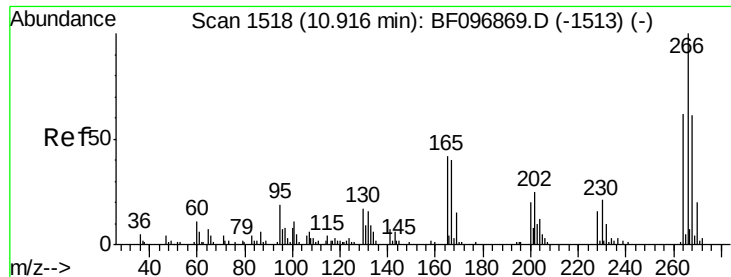
#68
Atrazine
Concen: 42.83 ng
RT: 10.75 min Scan# 1506
Delta R.T. -0.03 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:200 Resp: 155036
Ion Ratio Lower Upper
200 100
173 29.9 6.3 46.3
215 42.2 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

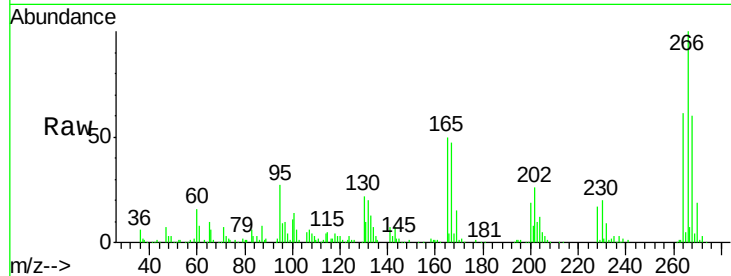




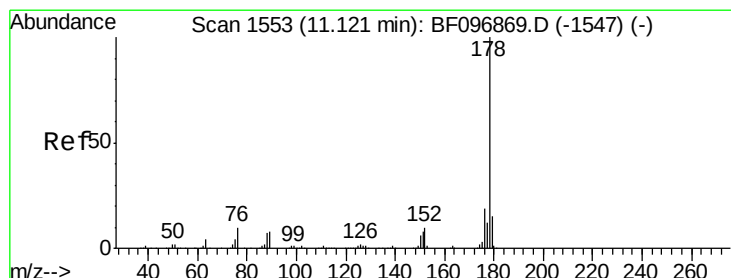
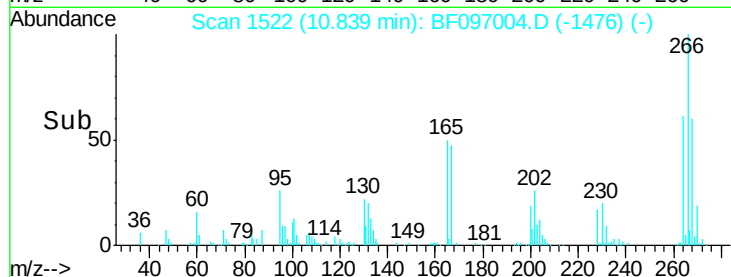
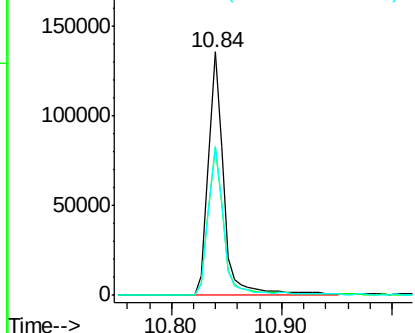
#69
 Pentachlorophenol
 Concen: 65.87 ng
 RT: 10.84 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

Tot Ion:266 Resp: 128623
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.1 76.7
 264 61.0 51.7 77.5

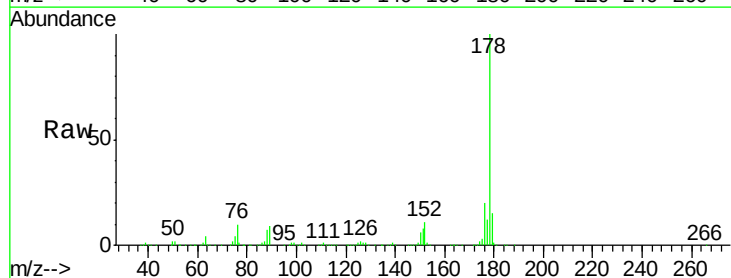


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

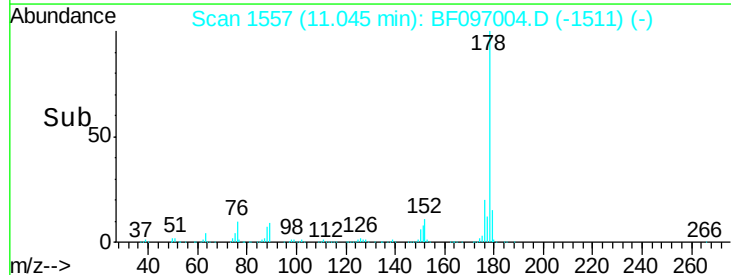
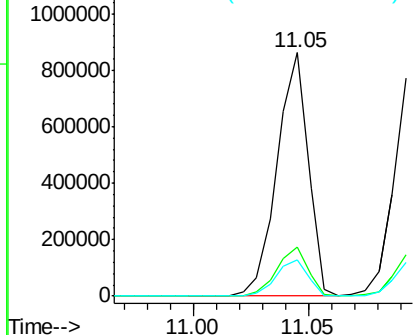


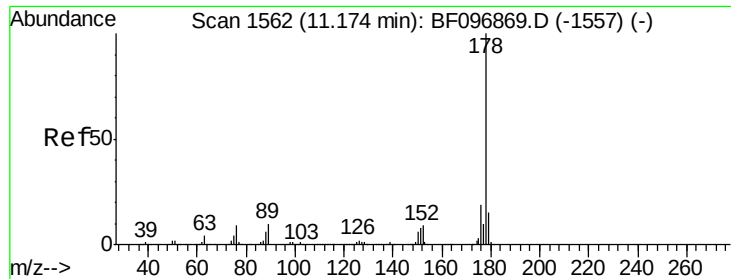
#70
 Phenanthrene
 Concen: 41.69 ng
 RT: 11.05 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:178 Resp: 805756
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.1 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

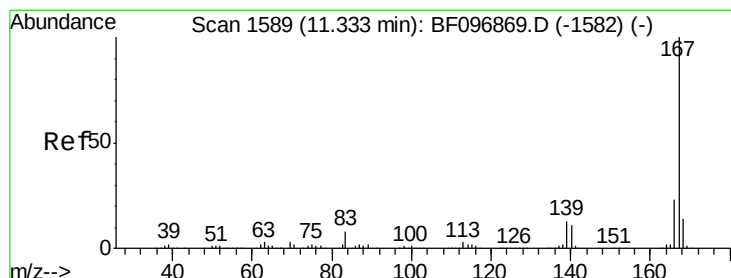
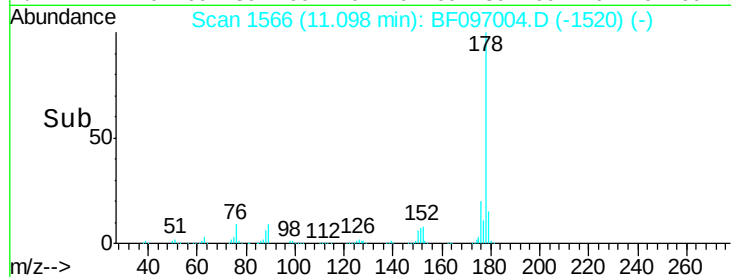
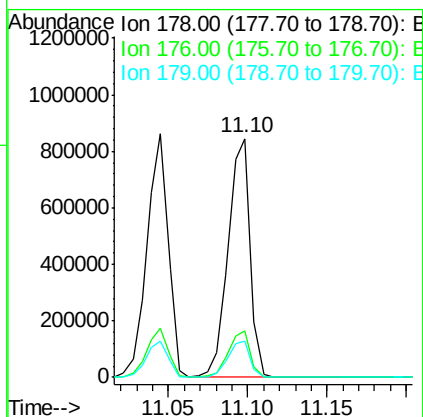
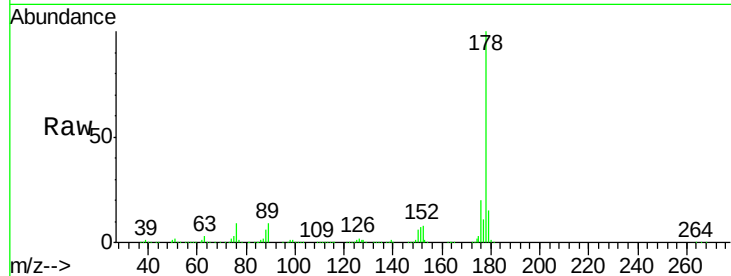




#71
 Anthracene
 Concen: 41.60 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

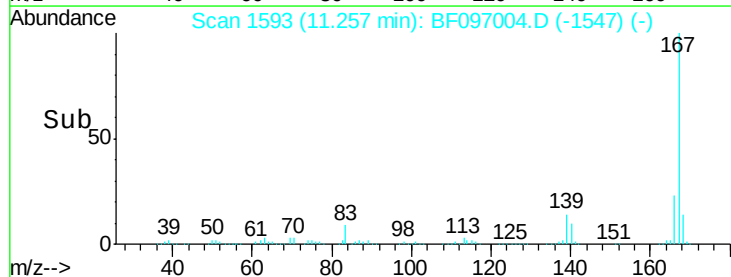
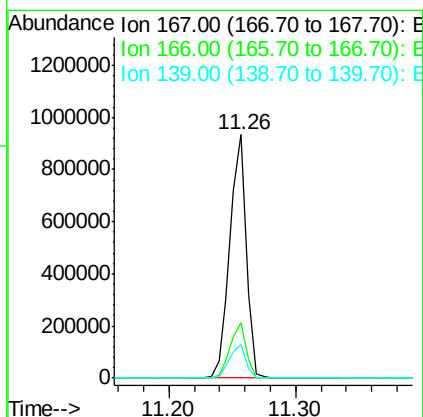
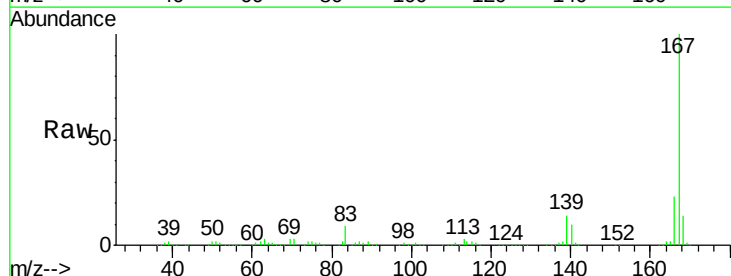
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

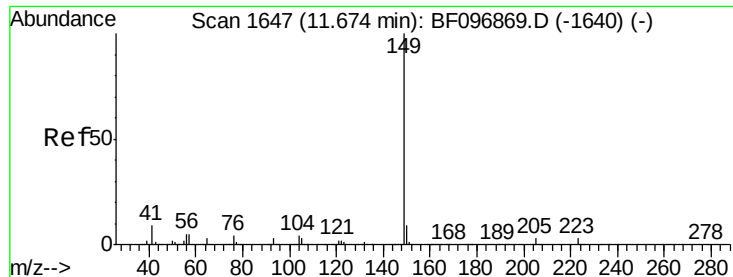
Tot Ion:178 Resp: 812935
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 44.40 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:167 Resp: 840219
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.68 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

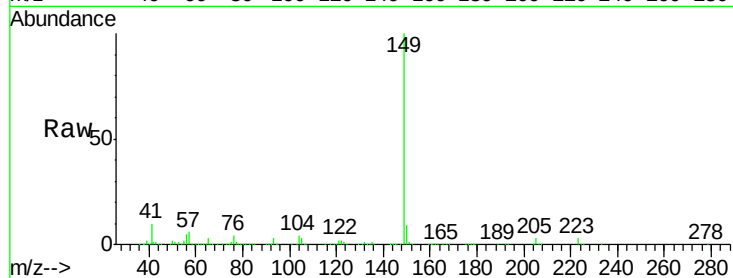
Tot Ion:149 Resp: 1029488

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

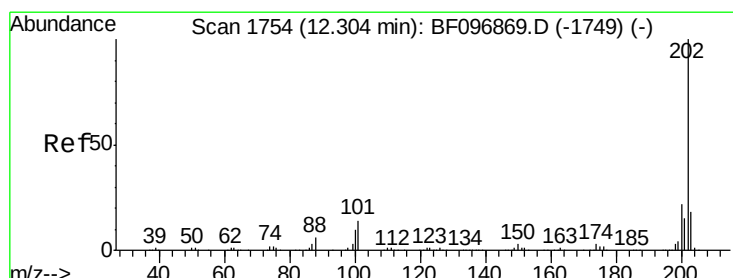
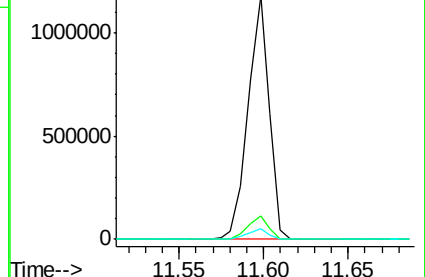
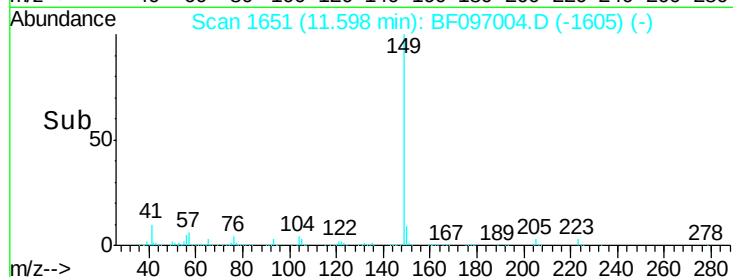
104 4.4 4.0 6.0



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: 41.62 ng

RT: 12.22 min Scan# 1757

Delta R.T. -0.04 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

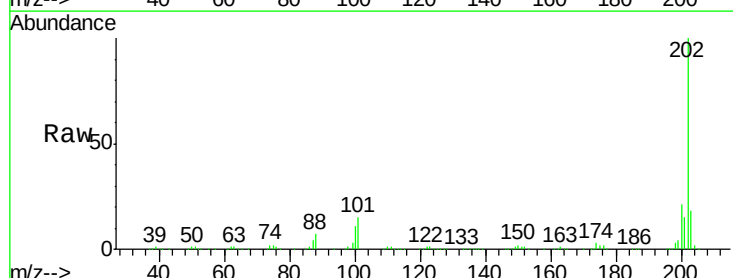
Tgt Ion:202 Resp: 769973

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

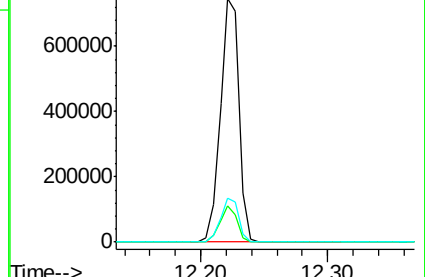
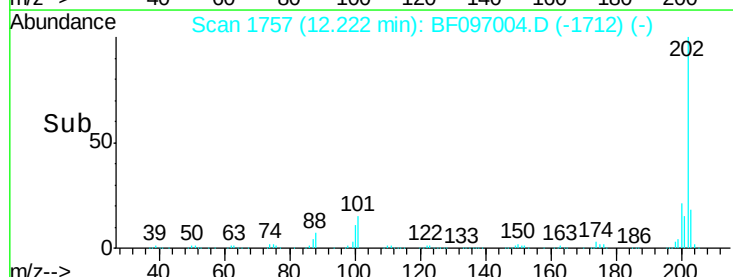
203 17.8 0.0 38.1

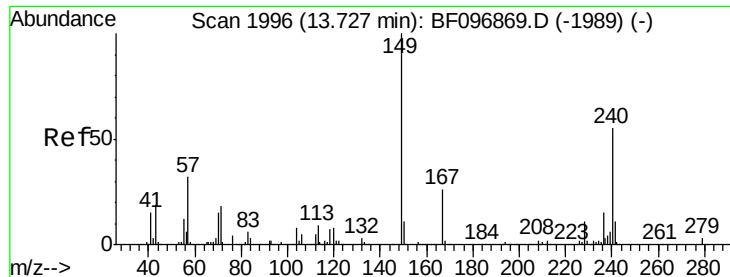


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

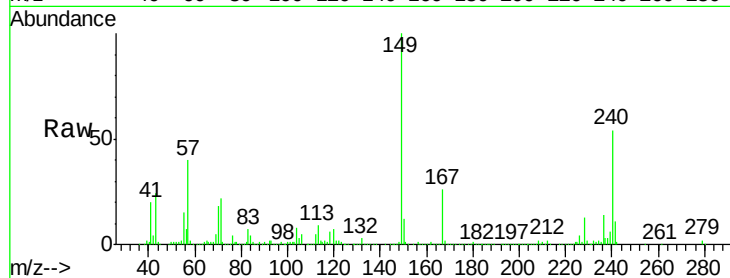
Tot Ion:240 Resp: 206893

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

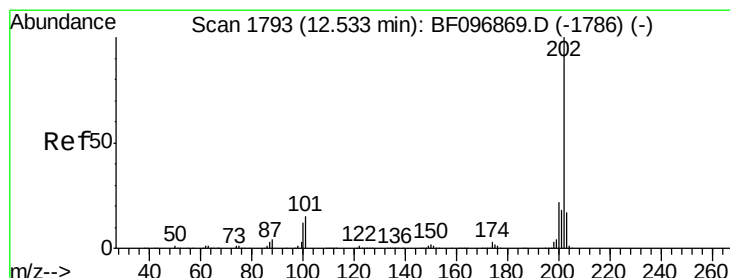
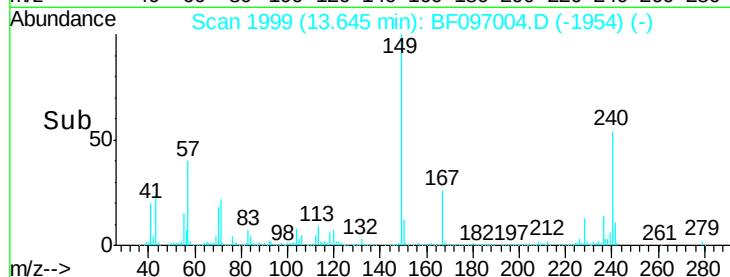
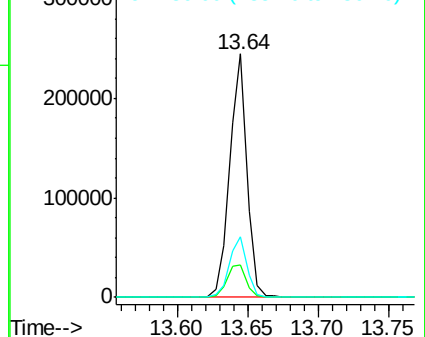
236 25.1 20.5 30.7



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



#77

Pyrene

Concen: 41.62 ng

RT: 12.45 min Scan# 1796

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

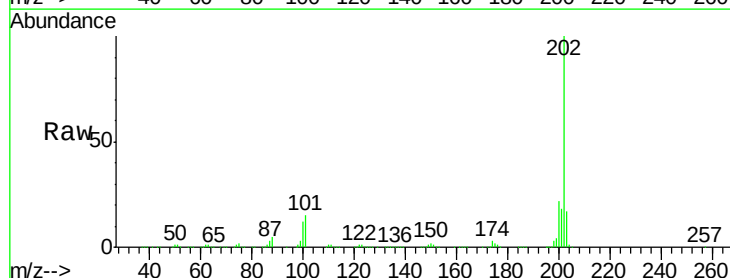
Tgt Ion:202 Resp: 781561

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

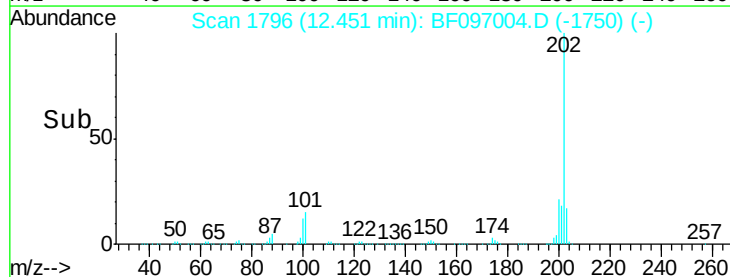
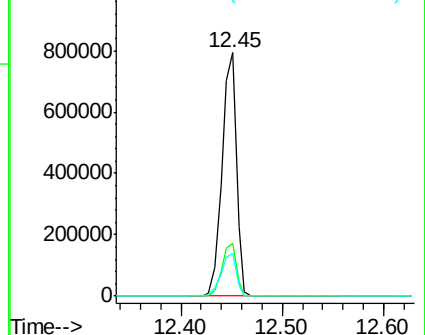
203 17.4 14.4 21.6

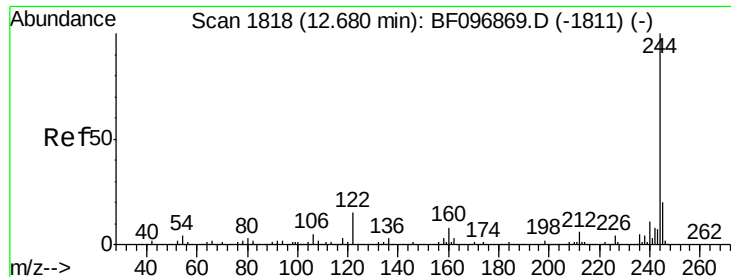


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

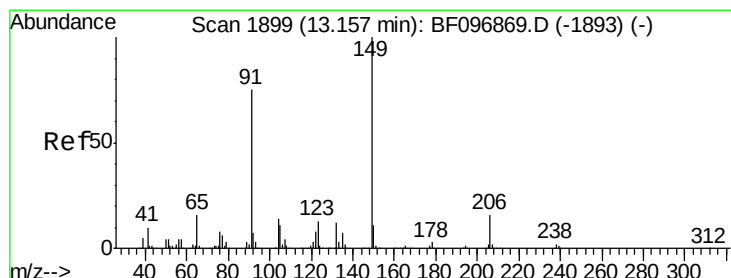
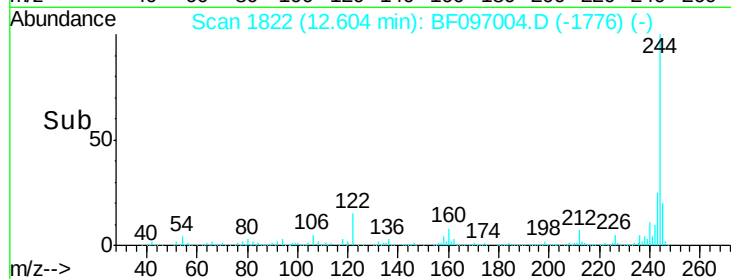
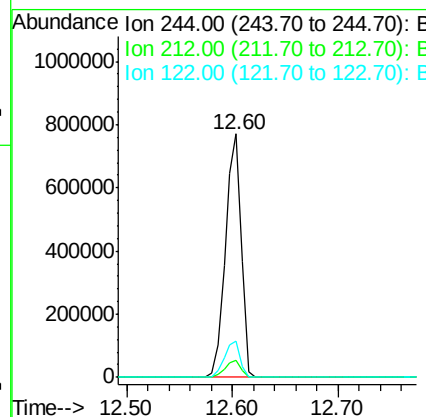
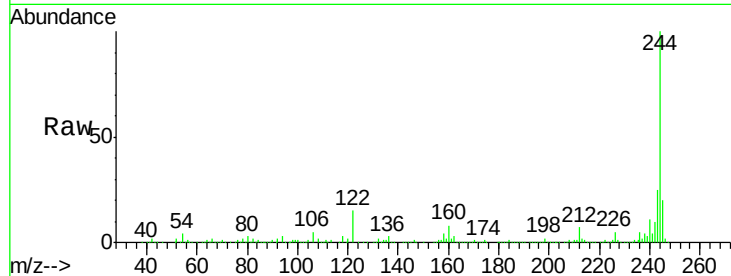




#78
 Terphenyl-d14
 Concen: 67.62 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

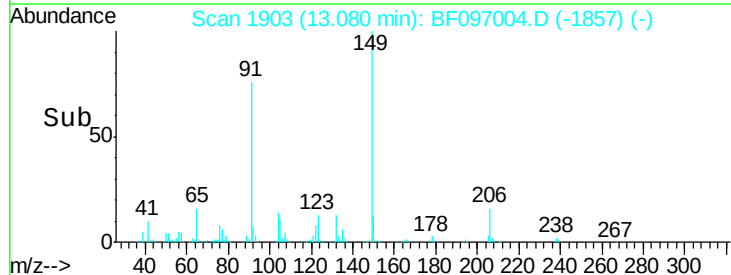
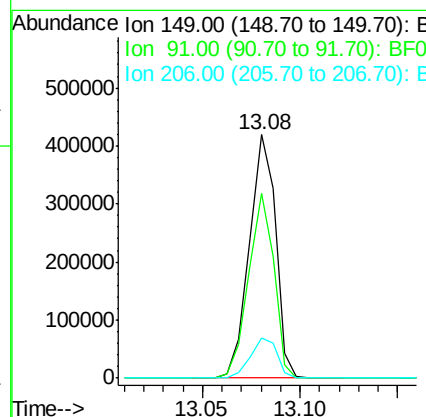
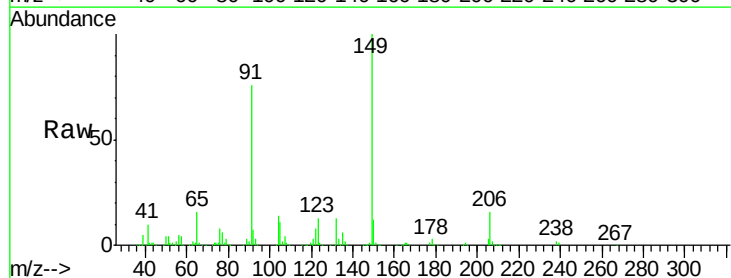
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

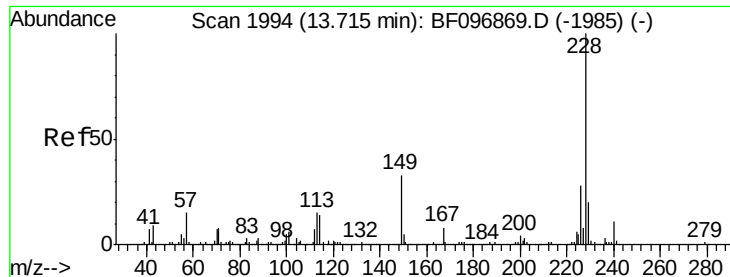
Tot Ion:244 Resp: 806713
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.7 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 43.78 ng
 RT: 13.08 min Scan# 1903
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:149 Resp: 390541
 Ion Ratio Lower Upper
 149 100
 91 75.7 45.0 67.4#
 206 16.5 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 44.38 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

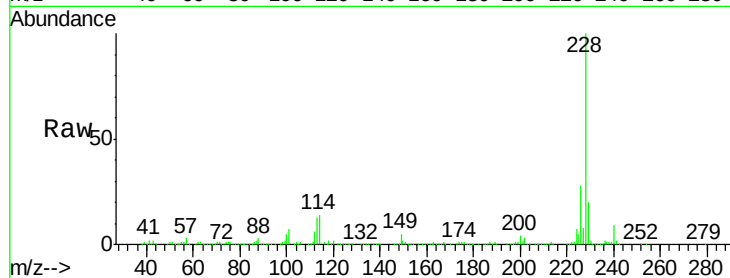
Tot Ion:228 Resp: 572084

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

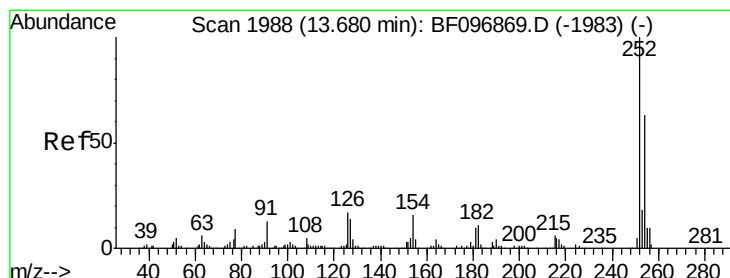
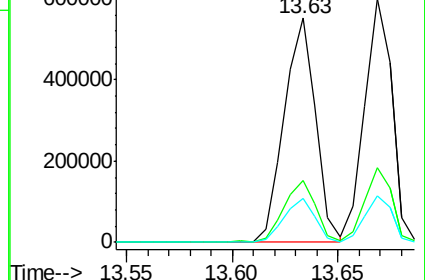
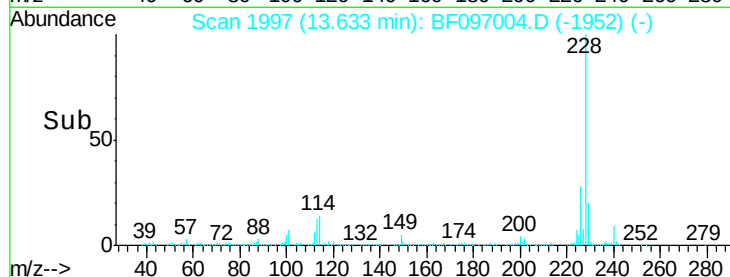
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 33.84 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

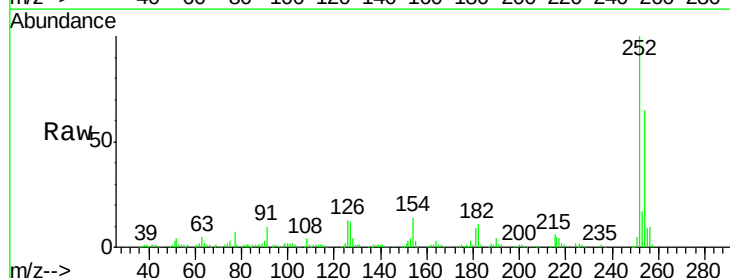
Tgt Ion:252 Resp: 156872

Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

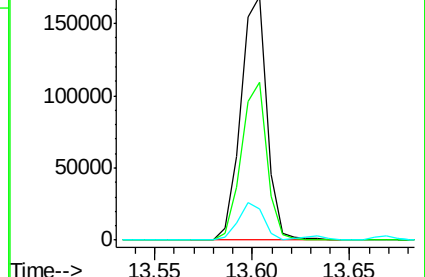
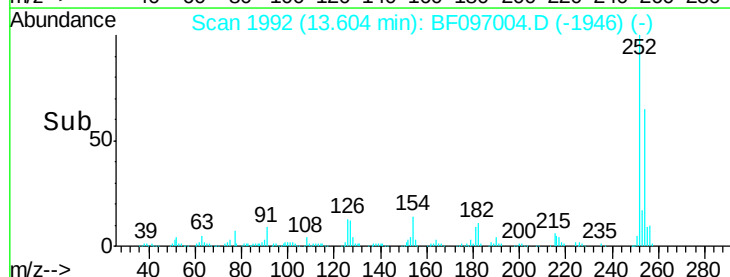
126 12.7 15.8 23.8#

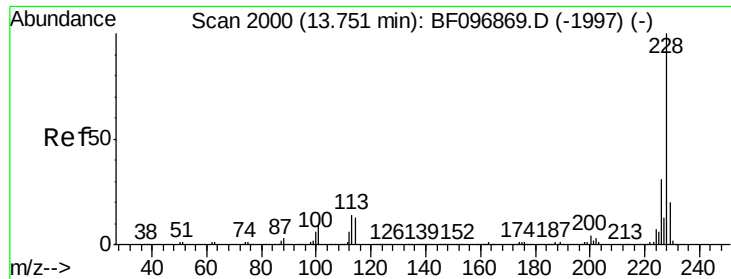


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

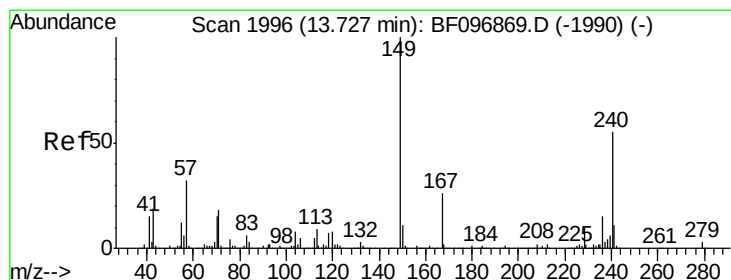
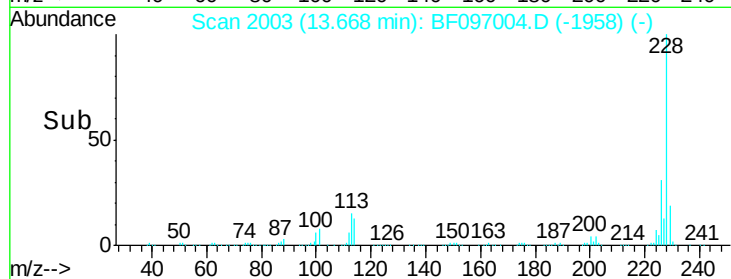
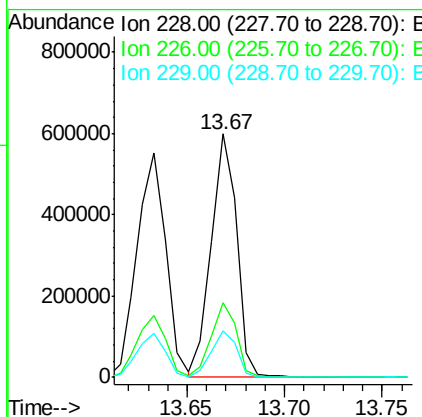
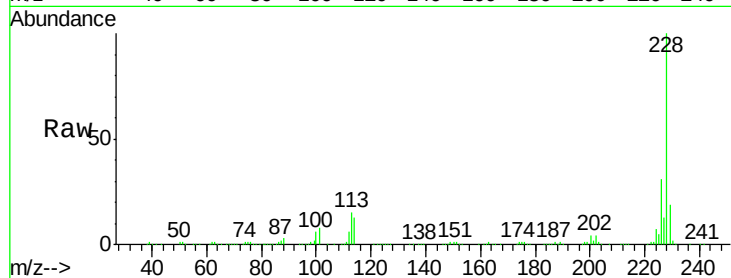




#82
 Chrysene
 Concen: 42.70 ng
 RT: 13.67 min Scan# 2003
 Delta R.T. -0.04 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

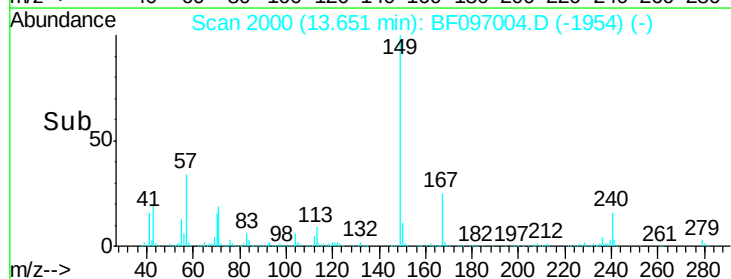
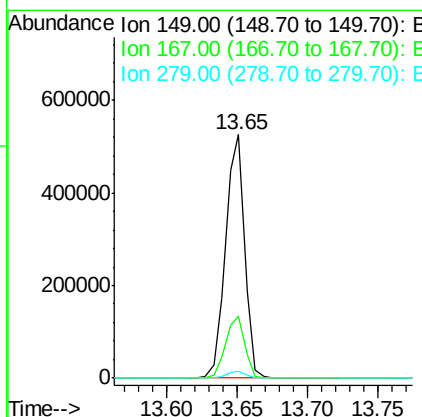
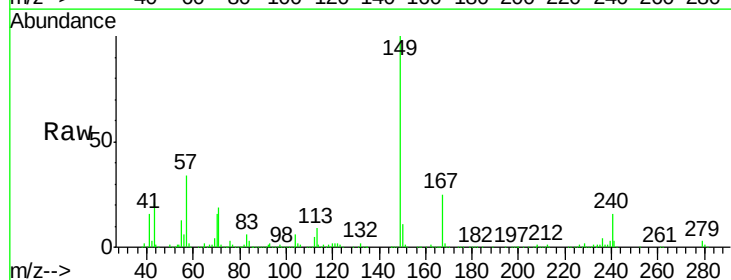
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSWMS

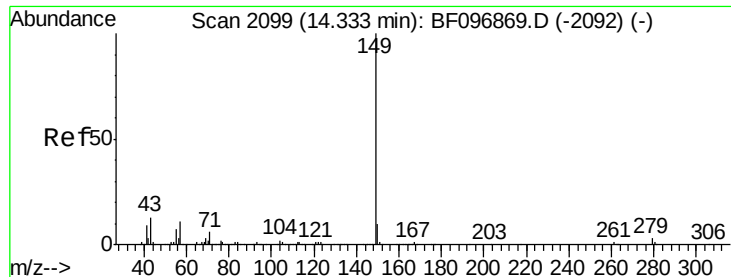
Tot Ion:228	Resp:	541941
Ion	Ratio	Lower Upper
228	100	
226	30.9	24.9 37.3
229	18.9	15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.23 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF097004.D
 Acq: 25 Jul 2017 00:05

Tgt Ion:149	Resp:	491380
Ion	Ratio	Lower Upper
149	100	
167	25.4	21.0 31.4
279	2.7	1.9 2.9





#84

Di-n-octyl phthalate

Concen: 44.28 ng

RT: 14.26 min Scan# 2103

Delta R.T. -0.03 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

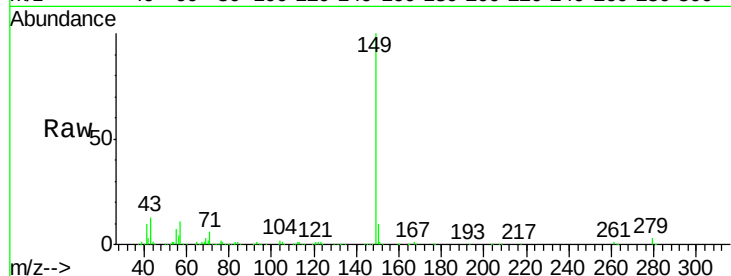
Tot Ion:149 Resp: 795238

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

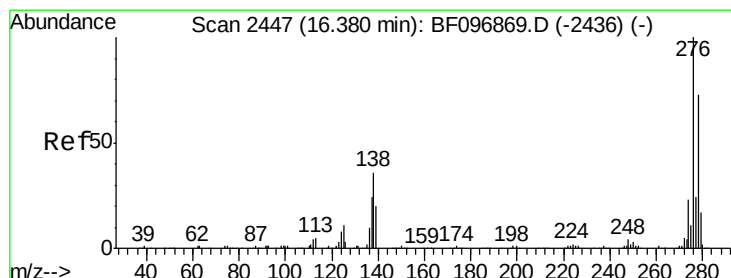
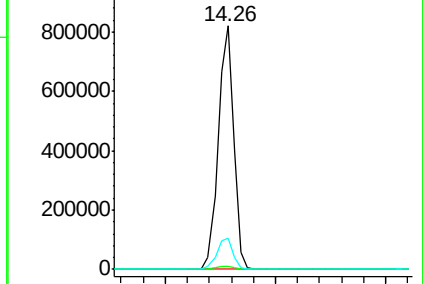
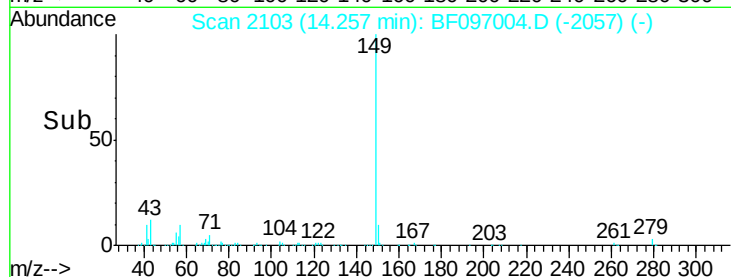
43 13.3 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.73 ng

RT: 16.23 min Scan# 2439

Delta R.T. -0.06 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

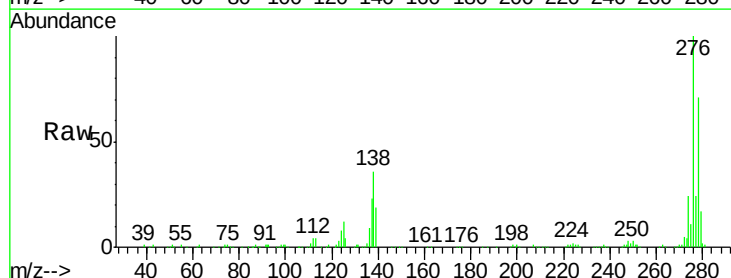
Tgt Ion:276 Resp: 483118

Ion Ratio Lower Upper

276 100

138 36.9 27.8 41.6

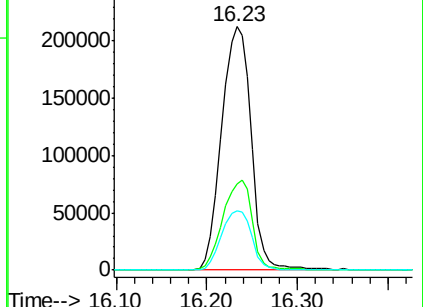
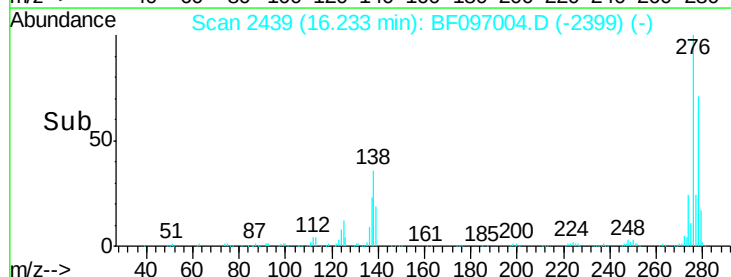
277 24.9 20.2 30.4

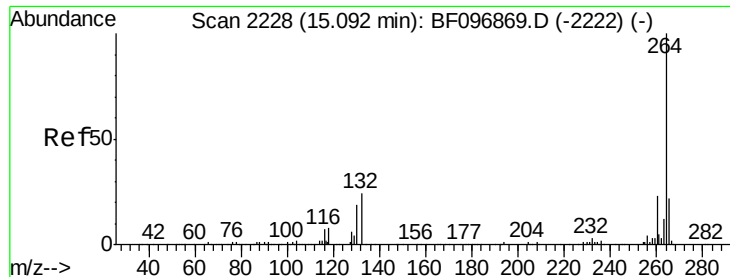


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



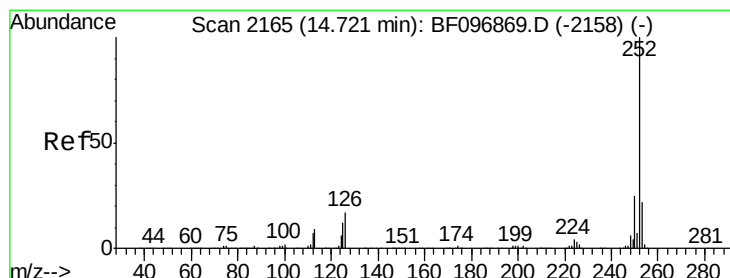
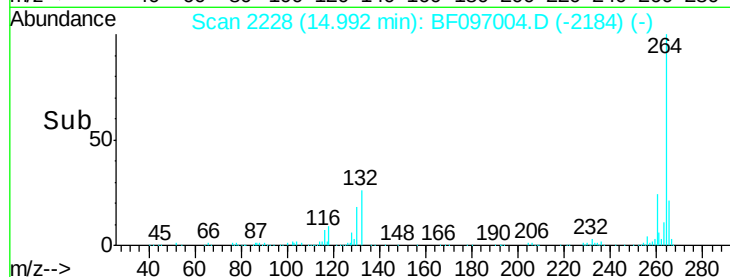
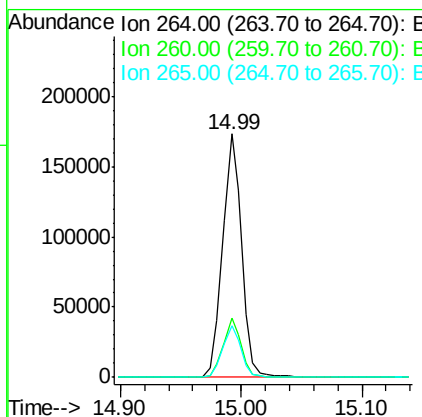
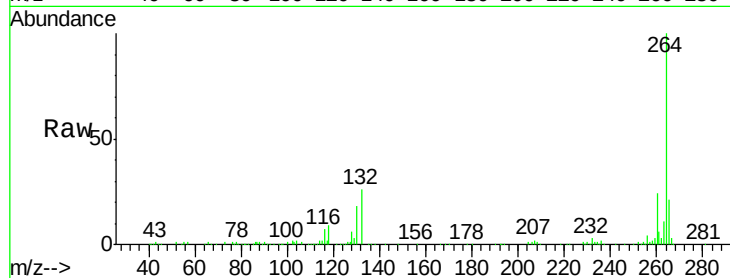


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 2228
Delta R.T. -0.04 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

Tot Ion:264 Resp: 187421

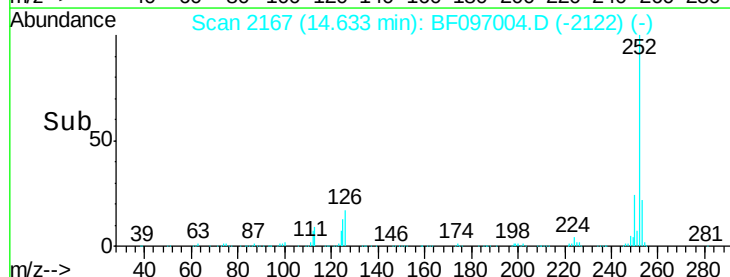
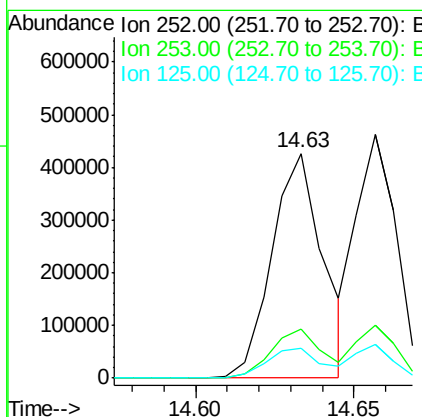
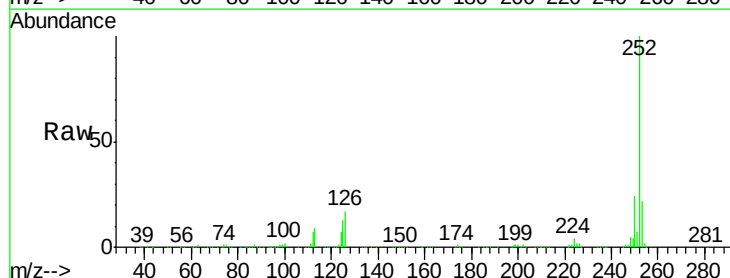
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.2	25.8

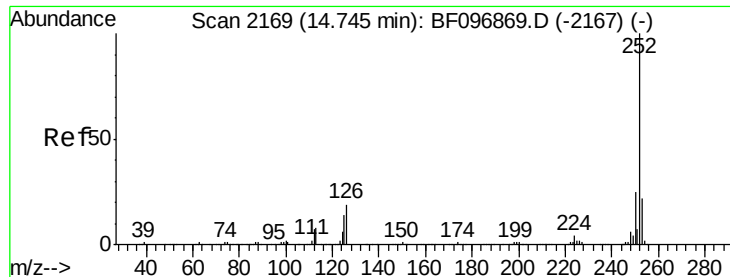


#87
Benzo(b)fluoranthene
Concen: 42.32 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:252 Resp: 478403

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.2	9.8	14.8

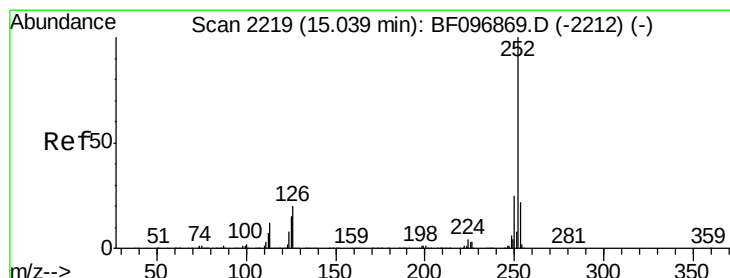
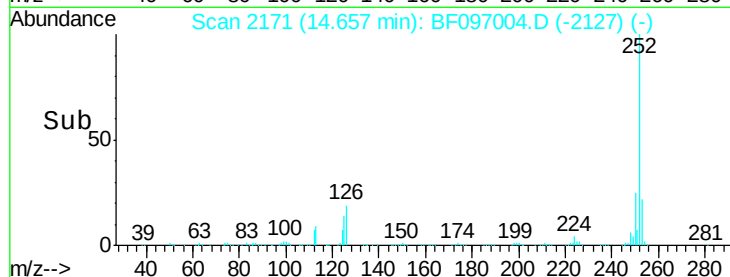
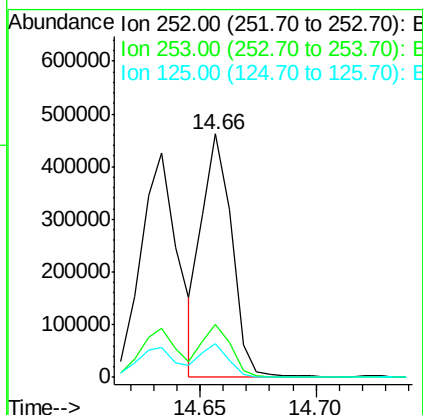
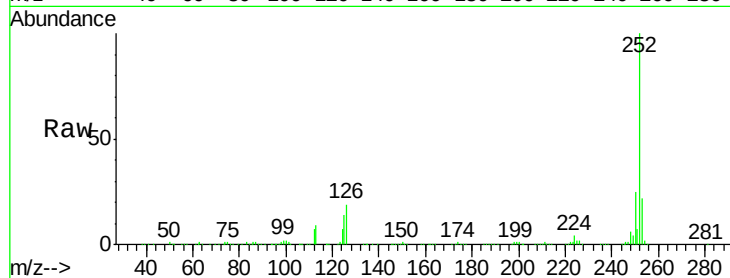




#88
Benzo(k)fluoranthene
Concen: 38.64 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

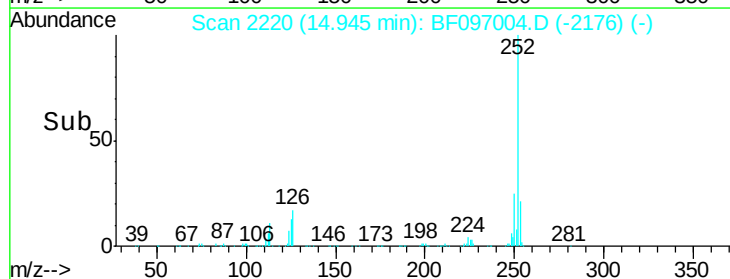
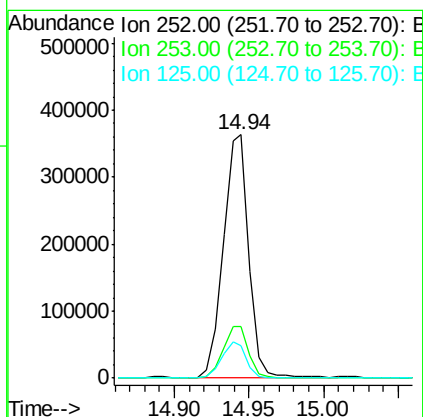
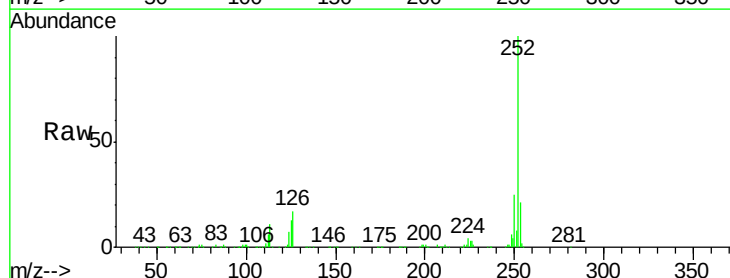
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMS

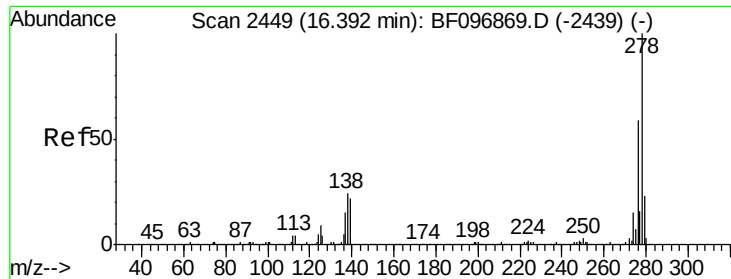
Tot Ion:252 Resp: 413577
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 14.0 13.1 19.7



#89
Benzo(a)pyrene
Concen: 42.18 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF097004.D
Acq: 25 Jul 2017 00:05

Tgt Ion:252 Resp: 437349
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 13.4 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 41.42 ng

RT: 16.24 min Scan# 2441

Delta R.T. -0.06 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSWMS

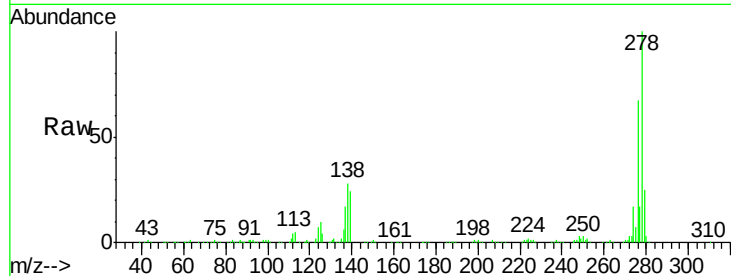
Tot Ion:278 Resp: 395142

Ion Ratio Lower Upper

278 100

139 23.8 16.6 24.8

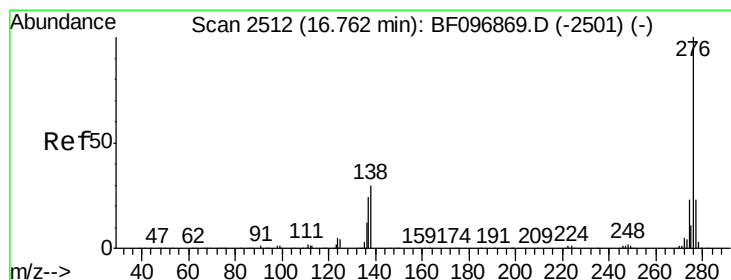
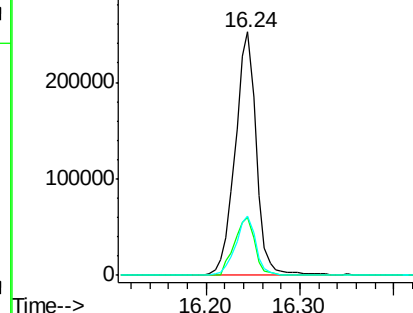
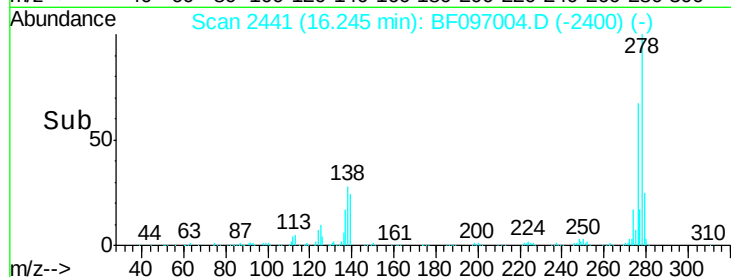
279 24.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.25 ng

RT: 16.60 min Scan# 2502

Delta R.T. -0.06 min

Lab File: BF097004.D

Acq: 25 Jul 2017 00:05

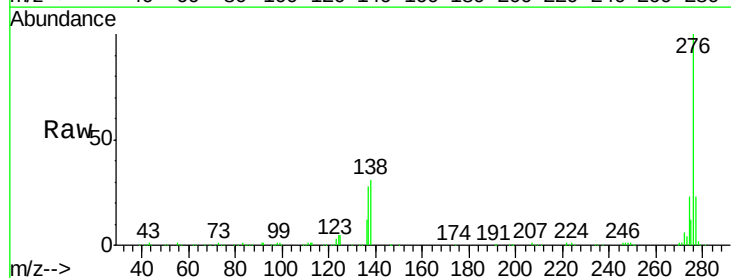
Tgt Ion:276 Resp: 421399

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 30.9 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

