

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094009.D
 Acq On : 28 Mar 2017 22:54
 Operator : SJ/MA
 Sample : I2421-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Manual Integrations
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 3/29/2017 1:56:59 PM

Quant Time: Mar 29 04:04:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	156276	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	650906	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	302602	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	521479	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	353468	20.00	ng	-0.03
86) Perylene-d12	16.28	264	265406	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.47	112	1146172	123.88	ng	0.00
7) Phenol-d6	5.54	99	1421906	124.22	ng	-0.01
23) Nitrobenzene-d5	6.58	82	988655	86.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	346819	145.04	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1841018	92.80	ng	-0.02
78) Terphenyl-d14	13.38	244	1451946	92.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	176546	39.72	ng	97
3) Pyridine	2.82	79	382453	31.57	ng	98
4) n-Nitrosodimethylamine	2.79	42	216816	43.49	ng	92
6) Aniline	5.55	93	212432	13.34	ng	# 1
8) 2-Chlorophenol	5.70	128	485238	47.71	ng	95
9) Benzaldehyde	5.42	77	89898	11.63	ng	99
10) Phenol	5.55	94	527086	40.47	ng	98
11) bis(2-Chloroethyl)ether	5.64	93	555979	54.62	ng	94
12) 1,3-Dichlorobenzene	5.86	146	527089	46.20	ng	98
13) 1,4-Dichlorobenzene	5.95	146	530277	45.89	ng	98
14) 1,2-Dichlorobenzene	6.13	146	493213	46.35	ng	95
15) Benzyl Alcohol	6.10	79	411036	49.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	663744	42.32	ng	97
17) 2-Methylphenol	6.24	107	407444	46.78	ng	98
18) Hexachloroethane	6.52	117	187432	46.15	ng	# 87
19) n-Nitroso-di-n-propylamine	6.42	70	347463	47.23	ng	98
20) 3+4-Methylphenols	6.42	107	508084	48.17	ng	# 64
22) Acetophenone	6.40	105	703773	48.51	ng	# 88
24) Nitrobenzene	6.60	77	517560	46.01	ng	95
25) Isophorone	6.89	82	949195	47.36	ng	95
26) 2-Nitrophenol	6.98	139	273154	50.92	ng	99
27) 2,4-Dimethylphenol	7.05	122	463357	50.13	ng	99
28) bis(2-Chloroethoxy)methane	7.15	93	615558	46.58	ng	99
29) 2,4-Dichlorophenol	7.27	162	438035	50.68	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	425614	47.81	ng	99
31) Naphthalene	7.46	128	1441617	46.06	ng	99
32) Benzoic acid	7.19	122	218112	35.45	ng	99
33) 4-Chloroaniline	7.53	127	153866	12.13	ng	# 94
34) Hexachlorobutadiene	7.62	225	214189	46.92	ng	98
35) Caprolactam	7.98	113	122371m	44.40	ng	
36) 4-Chloro-3-methylphenol	8.15	107	467155	51.73	ng	90
37) 2-Methylnaphthalene	8.30	142	1018300	48.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	370480	44.75	ng	99
40) Hexachlorocyclopentadiene	8.50	237	358183	92.47	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	298383	50.95	nq	95
43) 2,4,5-Trichlorophenol	8.71	196	301245	47.54	nq	97
45) 1,1'-Biphenyl	8.88	154	1145048	46.91	nq	98
46) 2-Chloronaphthalene	8.90	162	904643	47.35	nq	94
47) 2-Nitroaniline	9.03	65	273366	48.23	nq	# 82
48) Acenaphthylene	9.40	152	1415669	44.58	nq	100
49) Dimethylphthalate	9.27	163	1088352	50.60	nq	100
50) 2,6-Dinitrotoluene	9.33	165	250717	50.85	nq	94
51) Acenaphthene	9.62	154	851041	45.93	nq	99
52) 3-Nitroaniline	9.53	138	117975	20.38	nq	94
53) 2,4-Dinitrophenol	9.67	184	226632	85.55	nq	# 69
54) Dibenzofuran	9.83	168	1229396	48.74	nq	100
55) 4-Nitrophenol	9.77	139	340459	75.08	nq	# 69
56) 2,4-Dinitrotoluene	9.83	165	297449	48.02	nq	# 70
57) Fluorene	10.25	166	907545	43.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	229117	52.69	nq	98
59) Diethylphthalate	10.14	149	1068499	50.26	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	395620	44.40	nq	94
61) 4-Nitroaniline	10.29	138	241040	43.38	nq	94
62) Azobenzene	10.46	77	1016008	50.52	nq	94
64) 4,6-Dinitro-2-methylphenol	10.33	198	155079	48.56	nq	# 75
65) n-Nitrosodiphenylamine	10.41	169	889967	49.35	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	257893	50.28	nq	99
67) Hexachlorobenzene	10.93	284	263207	50.70	nq	# 86
68) Atrazine	11.08	200	241218	44.66	nq	95
69) Pentachlorophenol	11.17	266	271853	84.13	nq	99
70) Phenanthrene	11.43	178	1357789	46.81	nq	99
71) Anthracene	11.50	178	1407524	47.12	nq	99
72) Carbazole	11.70	167	1281807	41.85	nq	98
73) Di-n-butylphthalate	12.15	149	1617221	50.77	nq	99
74) Fluoranthene	12.89	202	1334339	44.92	nq	99
76) Benzidine	13.06	184	187115	13.38	nq	# 92
77) Pyrene	13.17	202	1340144	52.24	nq	99
79) Butylbenzylphthalate	13.99	149	645290	59.04	nq	# 86
80) Benzo(a)anthracene	14.64	228	998694	48.45	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	209163	28.39	nq	96
82) Chrysene	14.69	228	856163	44.76	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	896440	60.12	nq	100
84) Di-n-octyl phthalate	15.45	149	1455470	58.43	nq	97
85) Indeno(1,2,3-cd)pyrene	17.64	276	785856	47.44	nq	100
87) Benzo(b)fluoranthene	15.87	252	808471	49.70	nq	100
88) Benzo(k)fluoranthene	15.90	252	746486	46.90	nq	# 95
89) Benzo(a)pyrene	16.22	252	748557	49.97	nq	98
90) Dibenzo(a,h)anthracene	17.67	278	648217	51.09	nq	98
91) Benzo(g,h,i)perylene	18.04	276	631603	49.40	nq	98

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

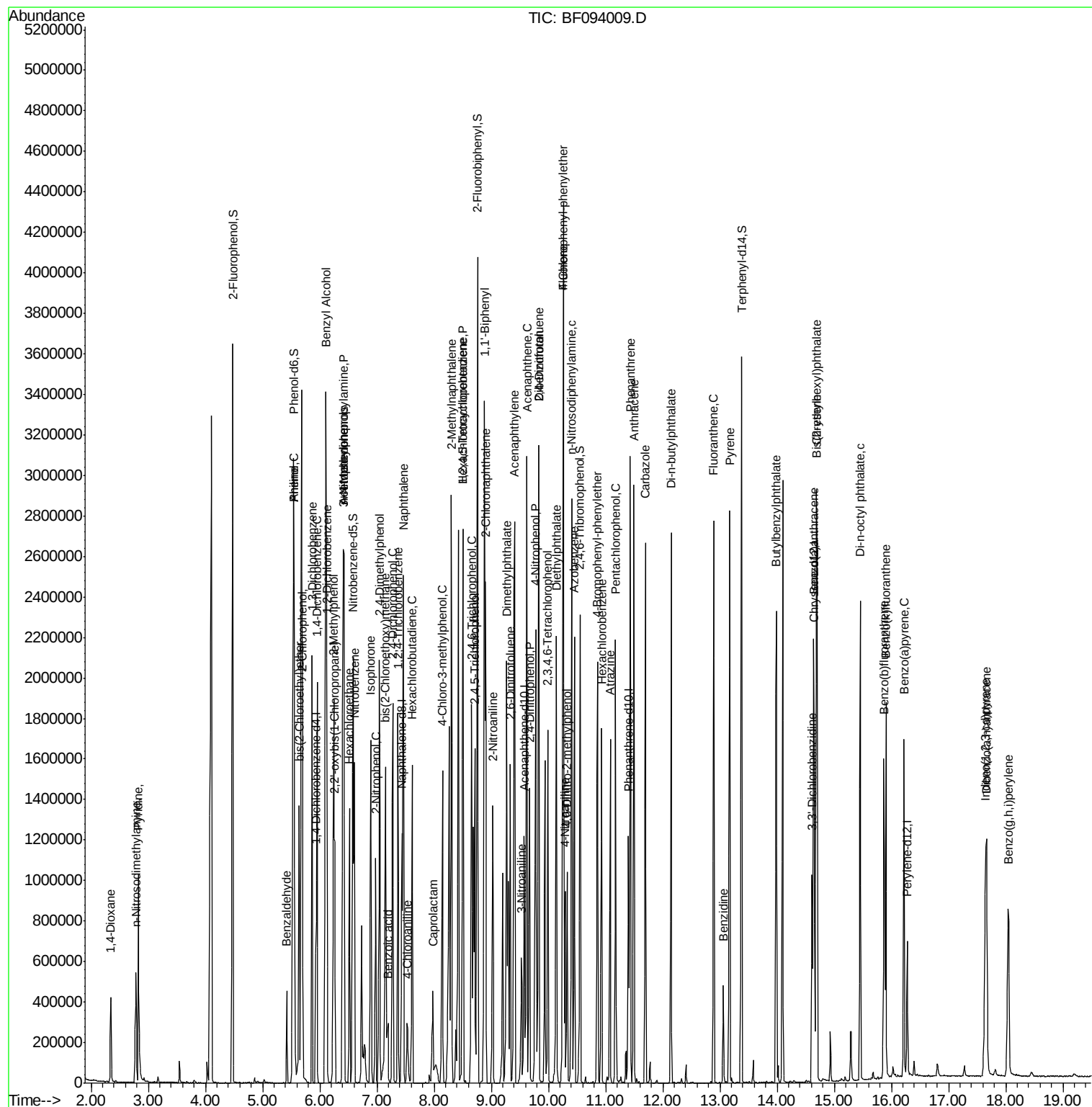
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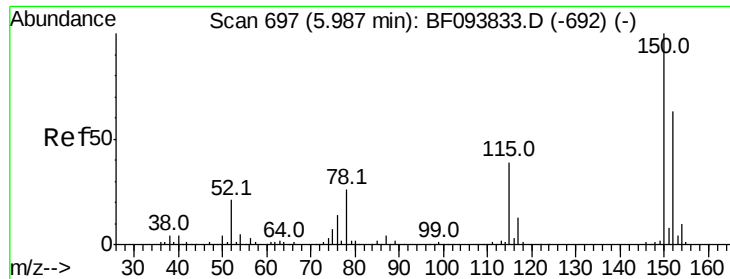
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#1

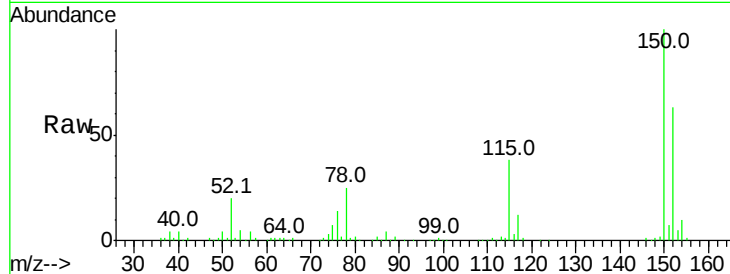
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

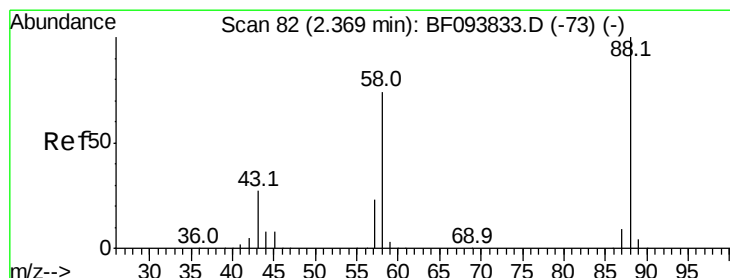
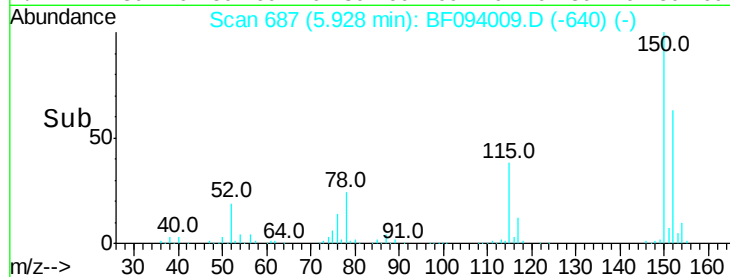
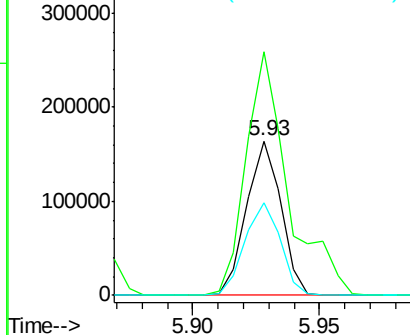
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	60.1	52.2	78.2

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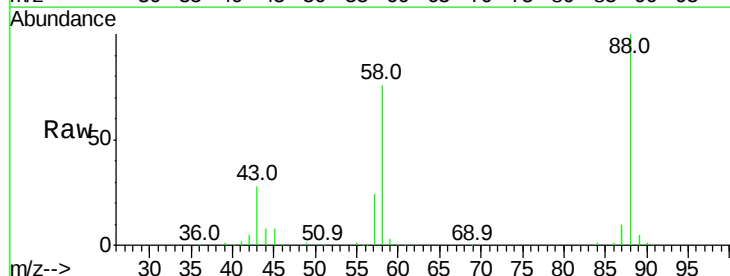
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



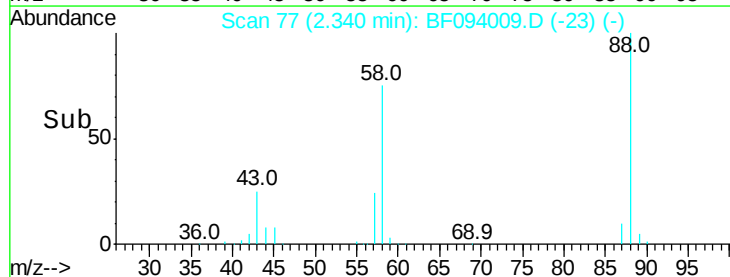
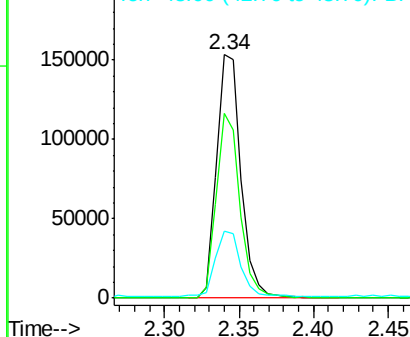
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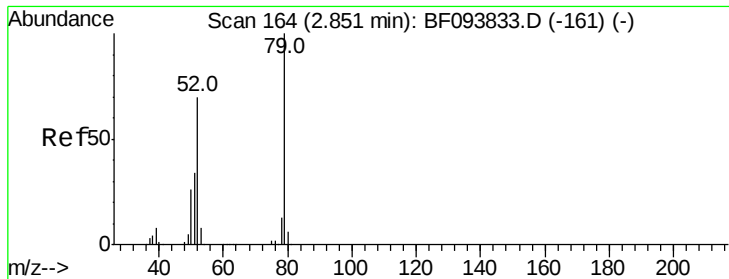
1,4-Dioxane
Concen: 39.72 ng
RT: 2.34 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	61.4	92.0
43	27.1	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





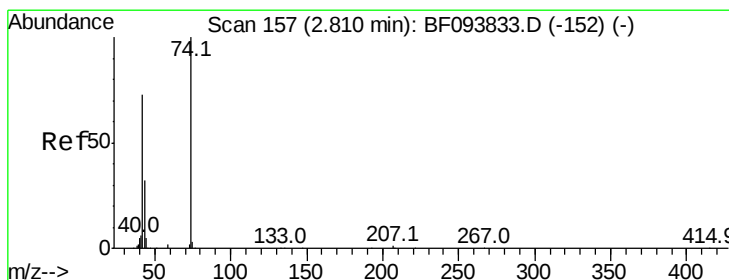
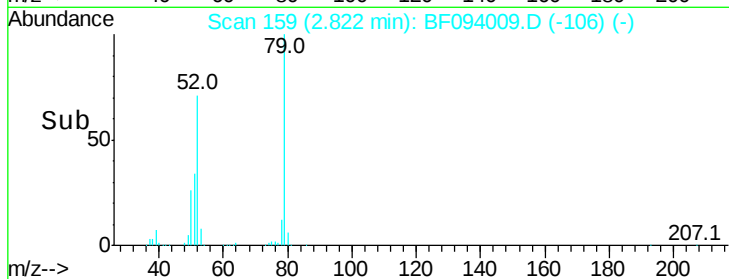
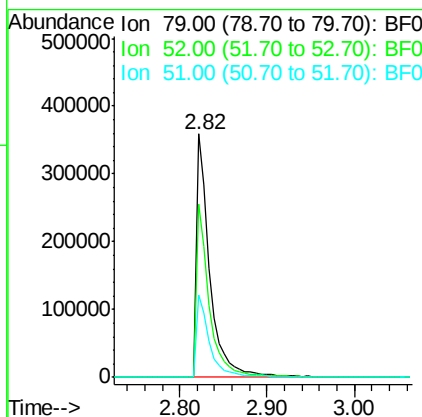
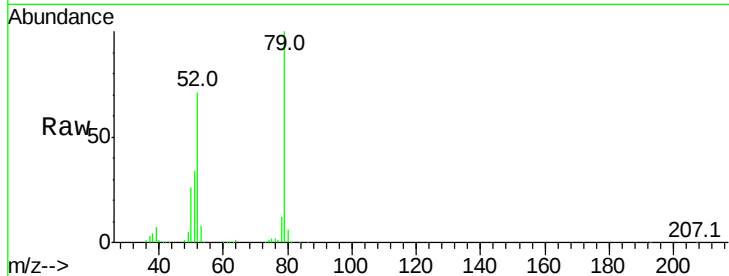
#3
 Pvridine
 Concen: 31.57 ng
 RT: 2.82 min Scan# 159
 Delta R.T. 0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
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Tot Ion	Ratio	Lower	Upper
79	100		
52	71.3	54.8	82.2
51	33.9	27.0	40.4

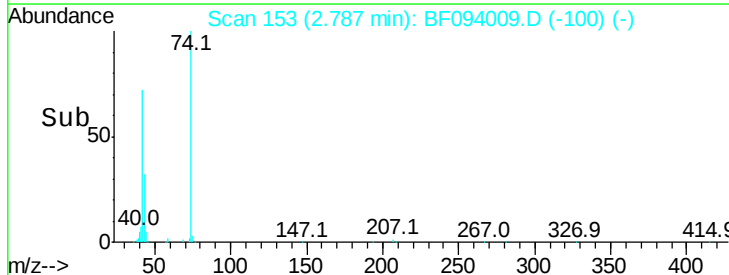
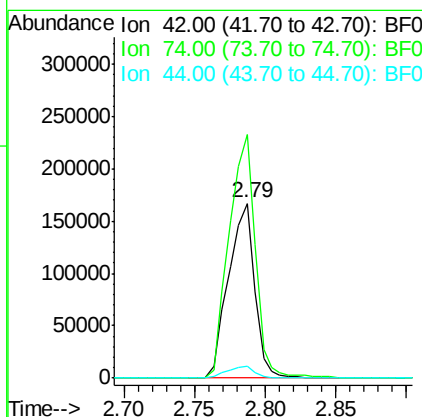
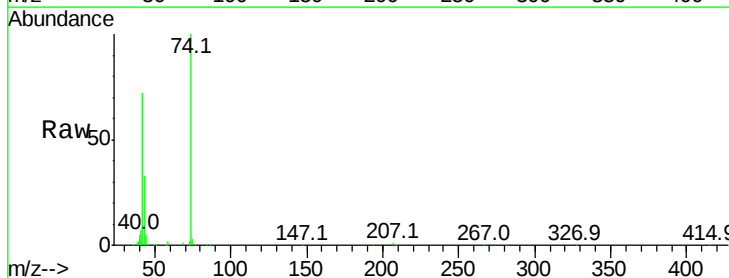
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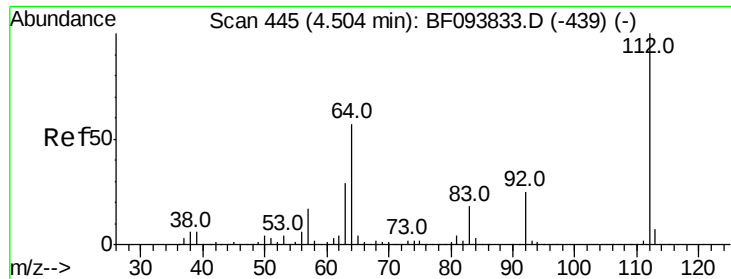
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#4
 n-Nitrosodimethylamine
 Concen: 43.49 ng
 RT: 2.79 min Scan# 153
 Delta R.T. 0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.4	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 123.88 ng

RT: 4.47 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

HHD-GW1MS

Tot Ion:112 Resp: 1146172

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

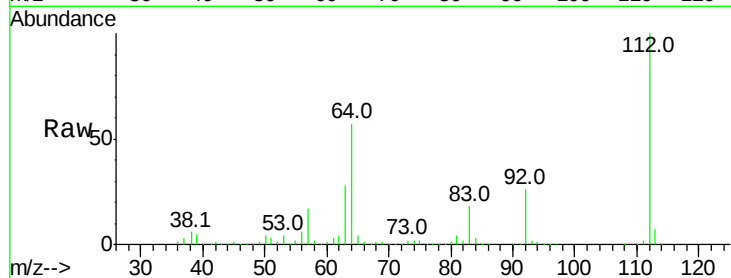
63 28.4 23.4 35.0

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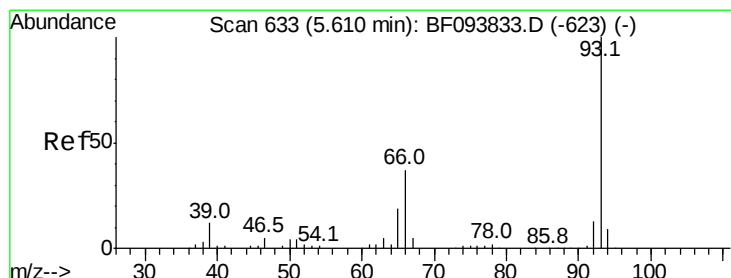
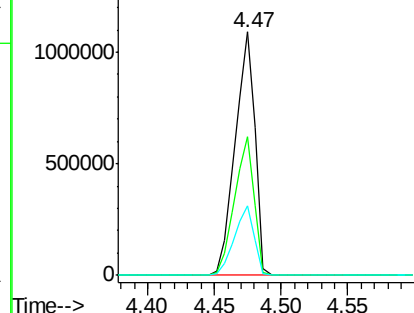
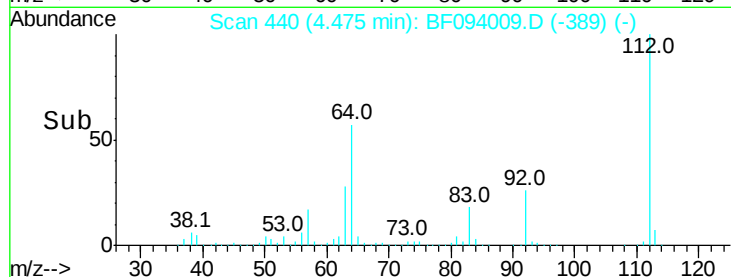
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.34 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

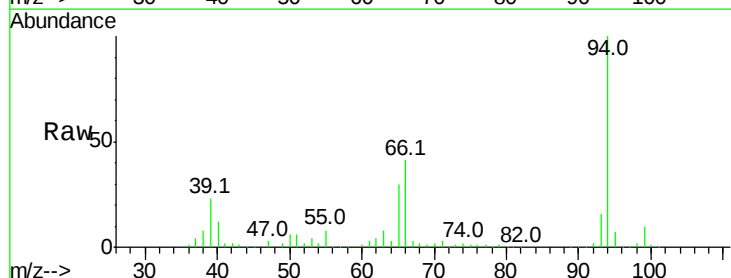
Tgt Ion: 93 Resp: 212432

Ion Ratio Lower Upper

93 100

66 257.4 32.9 49.3#

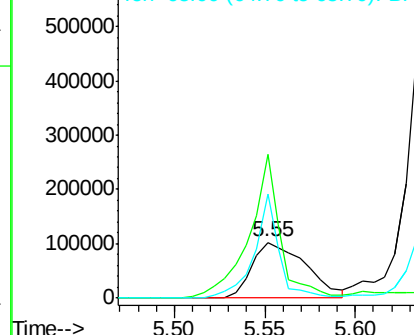
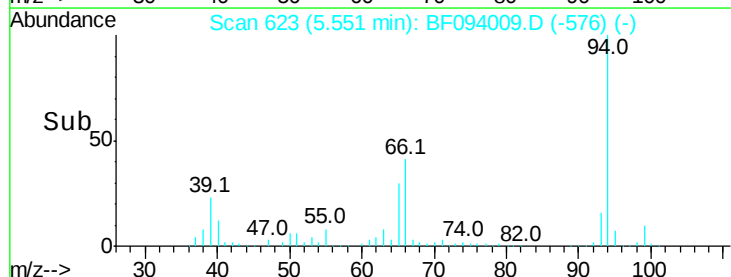
65 186.6 16.0 24.0#

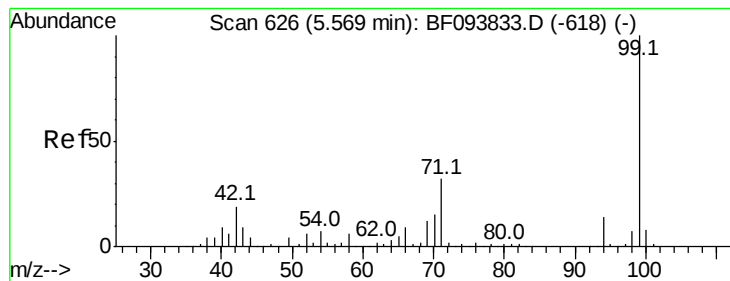


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.22 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

HHD-GW1MS

Tot Ion: 99 Resp: 1421906

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

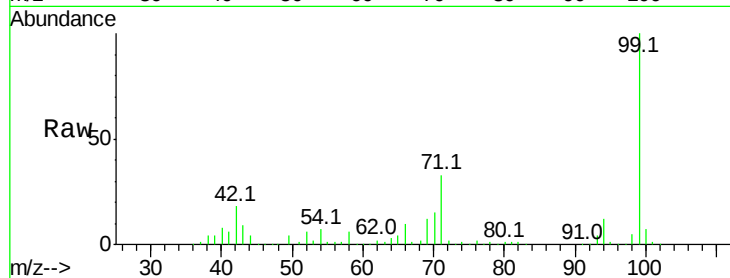
71 33.0 24.5 36.7

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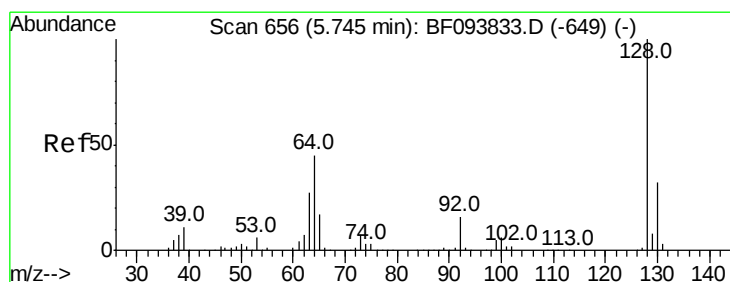
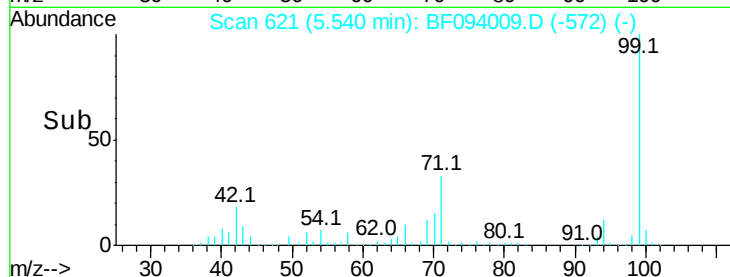
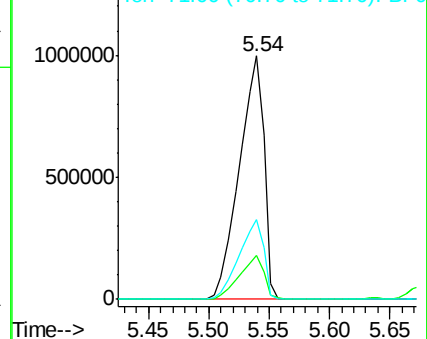
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.71 ng

RT: 5.70 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

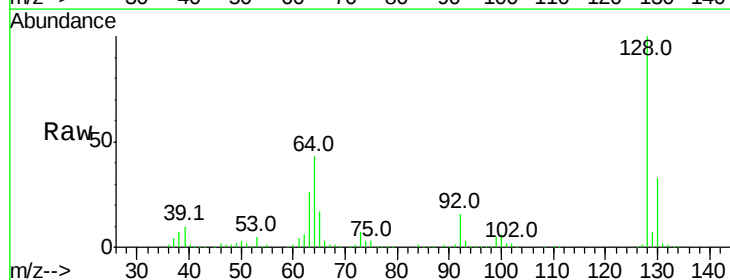
Tgt Ion:128 Resp: 485238

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

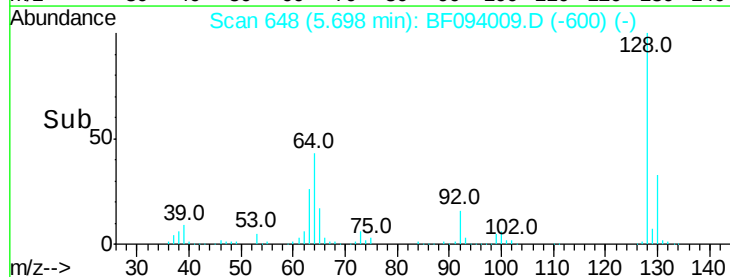
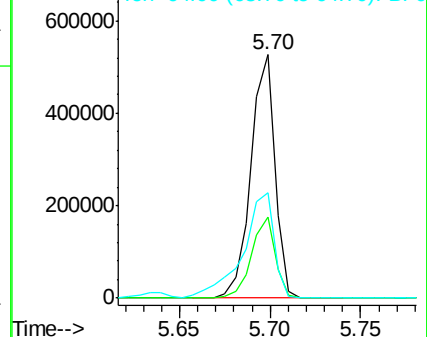
64 43.2 28.4 68.4

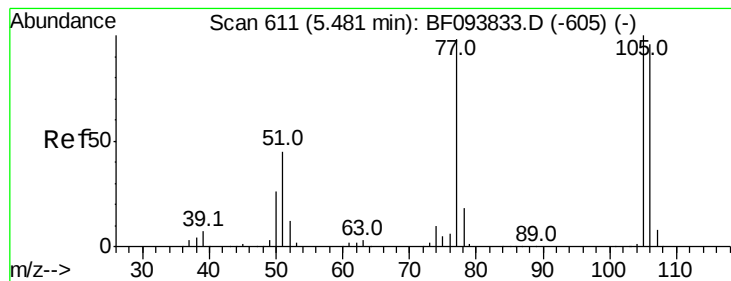


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.63 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

HHD-GW1MS

Tot Ion: 77 Resp: 89898

Ion Ratio Lower Upper

77 100

105 105.1 83.8 123.8

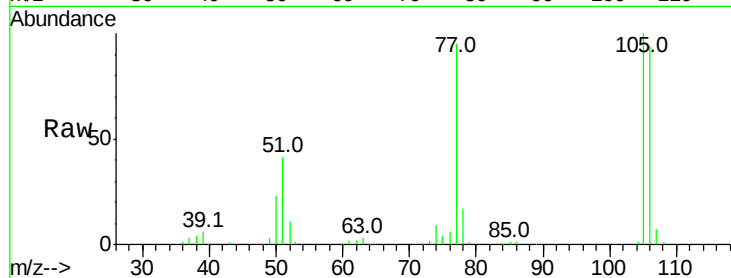
106 98.9 79.1 119.1

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Abundance Ion 77.00 (76.70 to 77.70): BF0

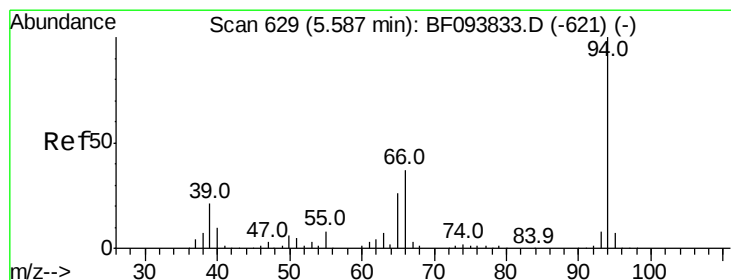
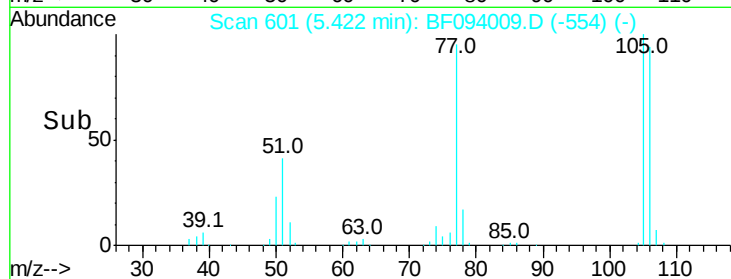
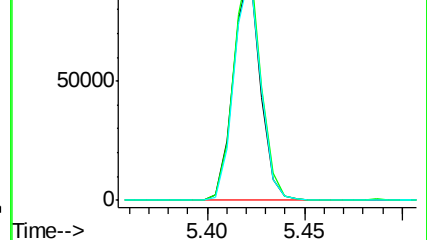
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

100000

50000

5.42



#10

Phenol

Concen: 40.47 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

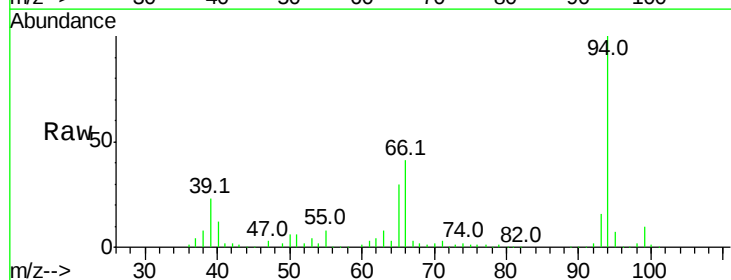
Tgt Ion: 94 Resp: 527086

Ion Ratio Lower Upper

94 100

65 29.6 9.9 49.9

66 40.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

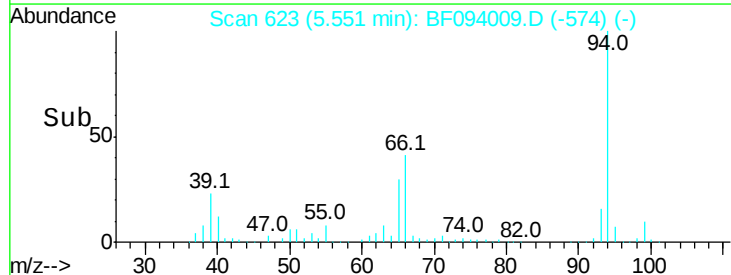
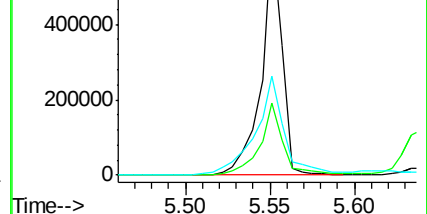
800000

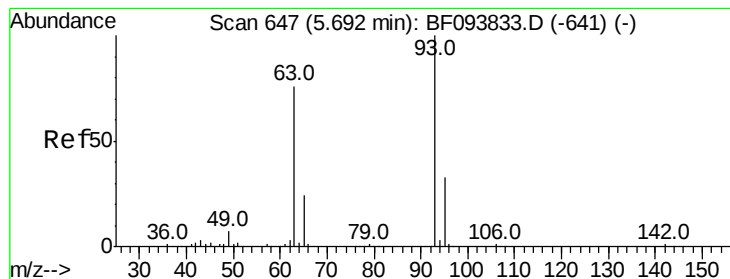
600000

400000

200000

5.55





#11

bis(2-Chloroethyl)ether

Concen: 54.62 ng

RT: 5.64 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

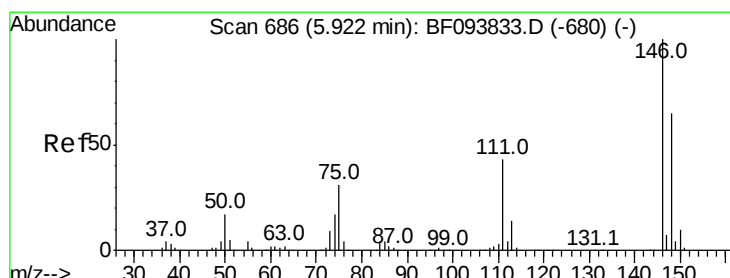
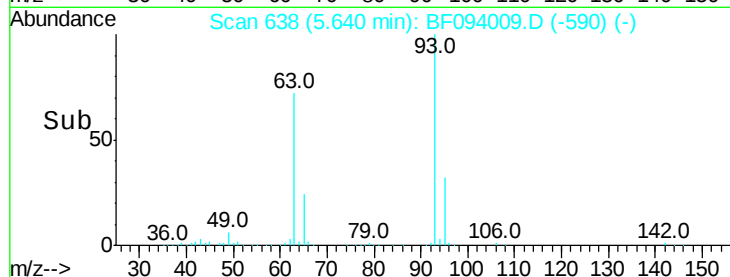
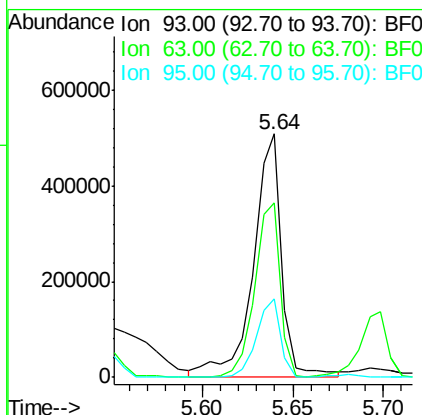
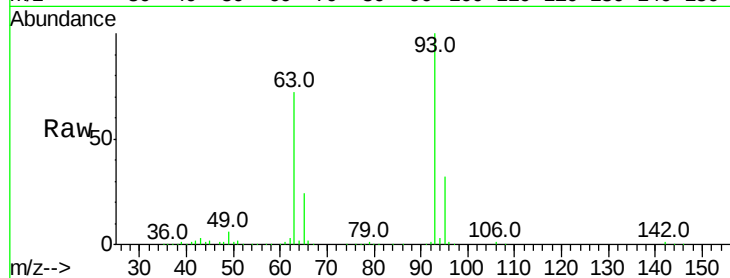
ClientSampleId :

HHD-GW1MS

Tot Ion:	93	Resp:	555979
Ion	Ratio	Lower	Upper
93	100		
63	71.5	59.2	99.2
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 46.20 ng

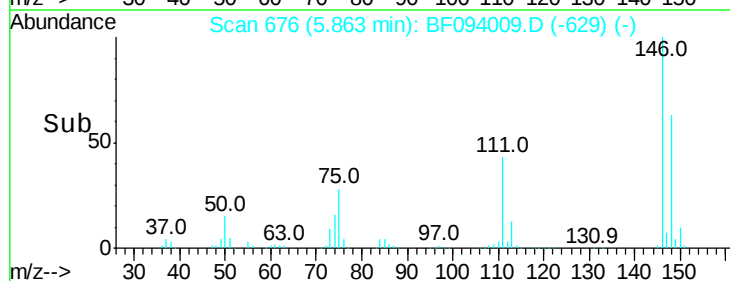
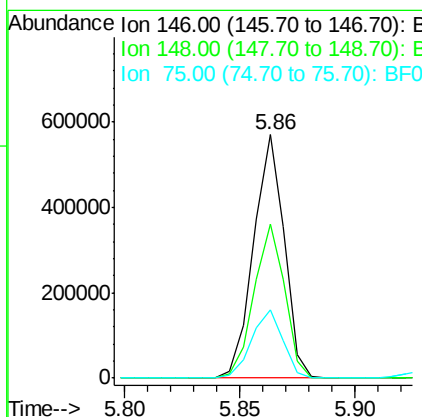
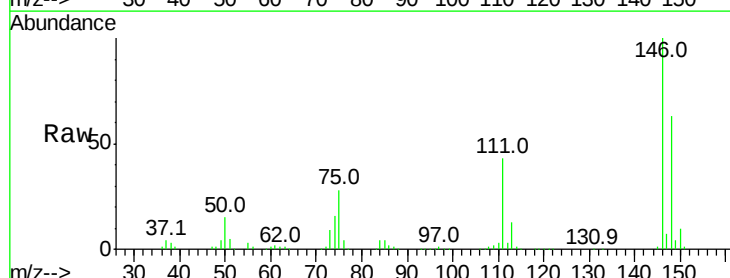
RT: 5.86 min Scan# 676

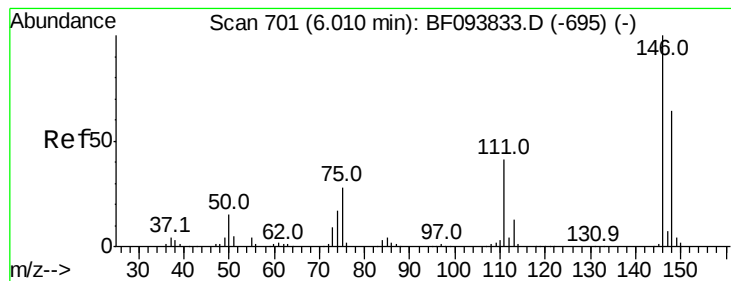
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	146	Resp:	527089
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	28.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 45.89 ng

RT: 5.95 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

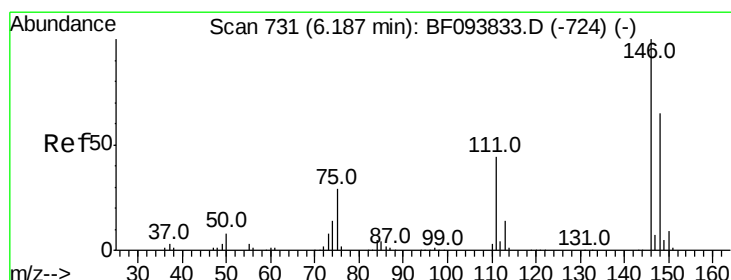
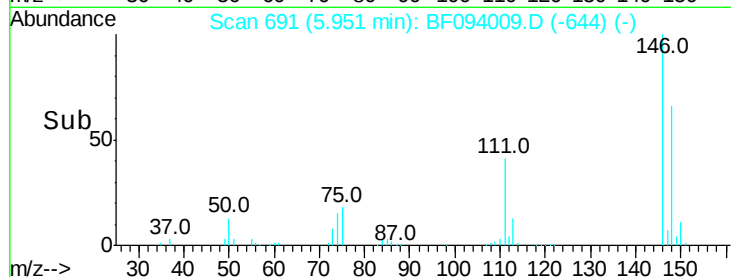
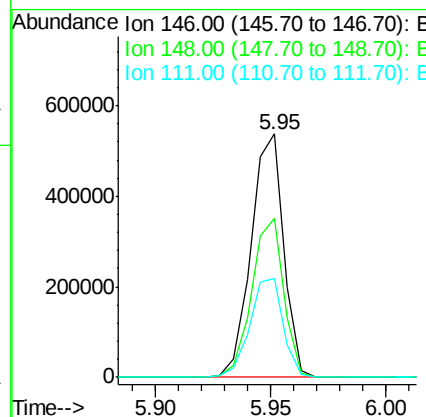
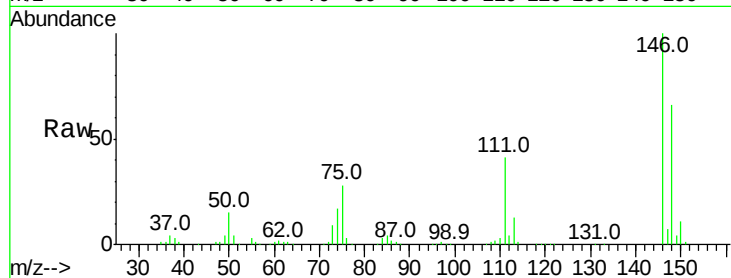
ClientSampleId :

HHD-GW1MS

Tot Ion:	146	Resp:	530277
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	40.7	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 46.35 ng

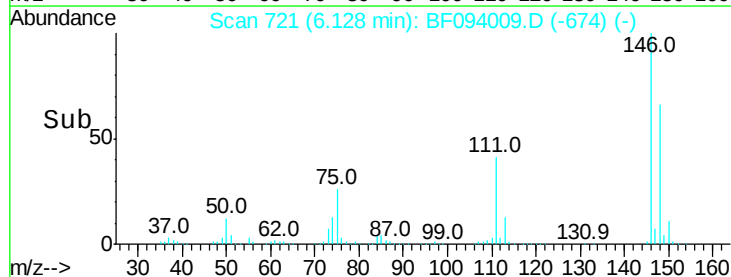
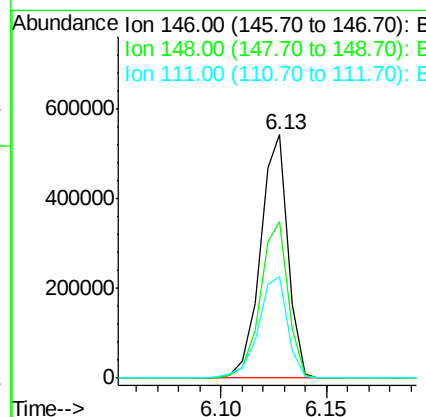
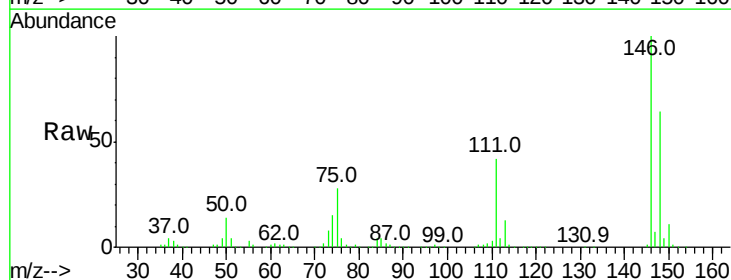
RT: 6.13 min Scan# 721

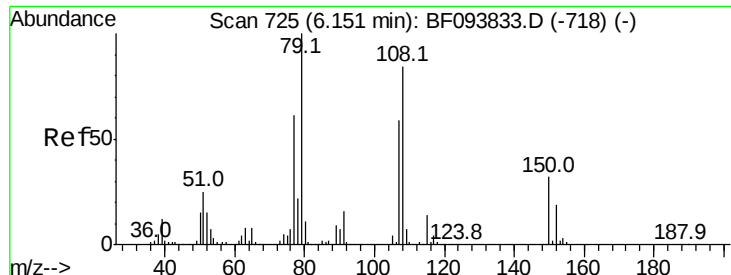
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	146	Resp:	493213
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	41.6	38.2	57.4





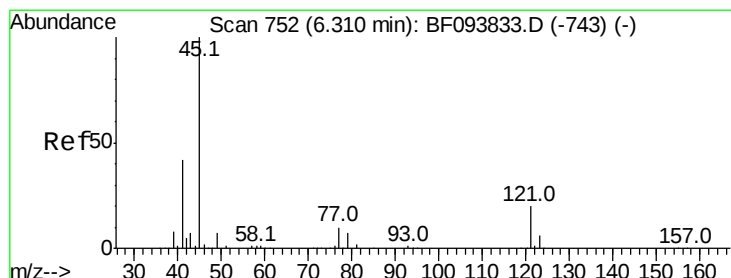
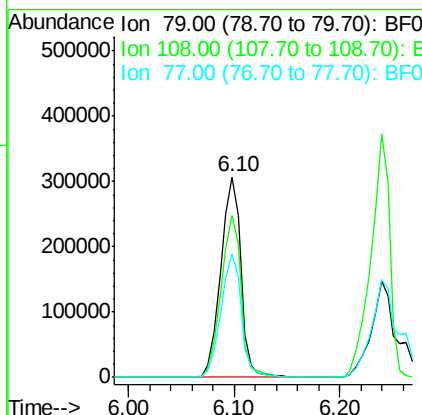
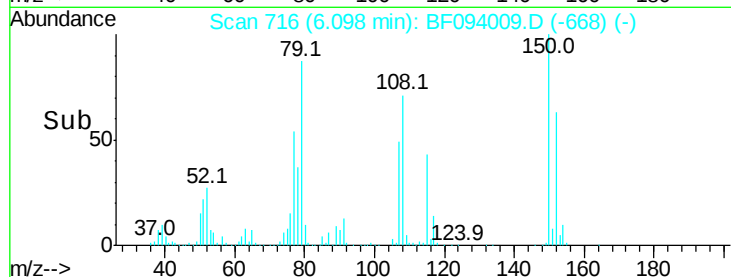
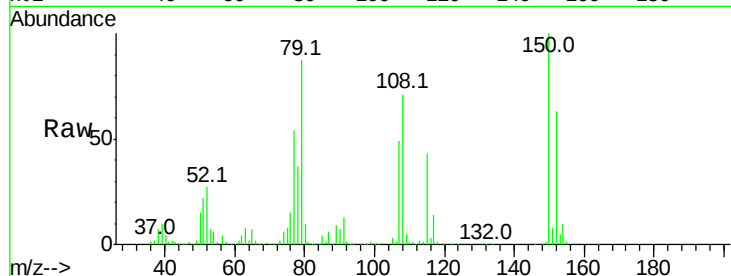
#15
Benzyl Alcohol
Concen: 49.06 ng
RT: 6.10 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampled :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	63.4	95.0
77	61.5	49.2	73.8

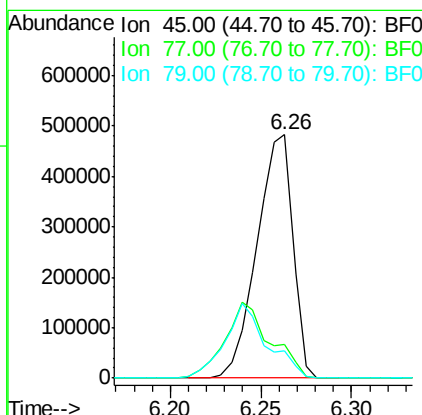
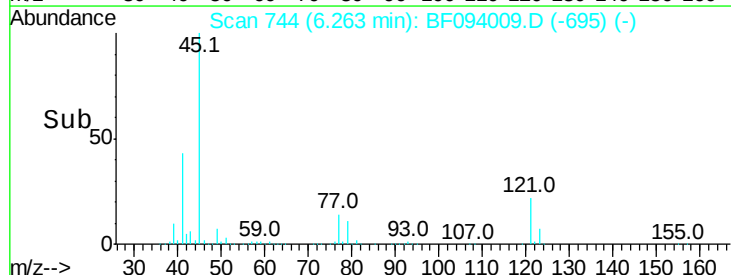
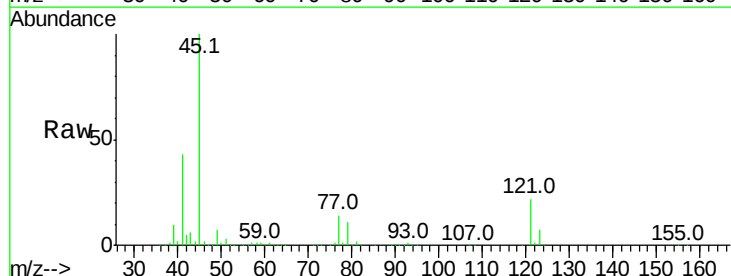
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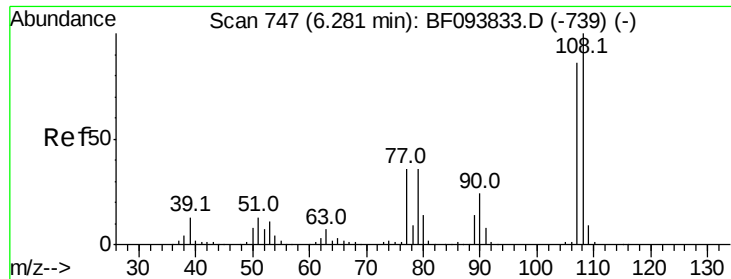
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.32 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.2
79	11.3	0.0	30.0





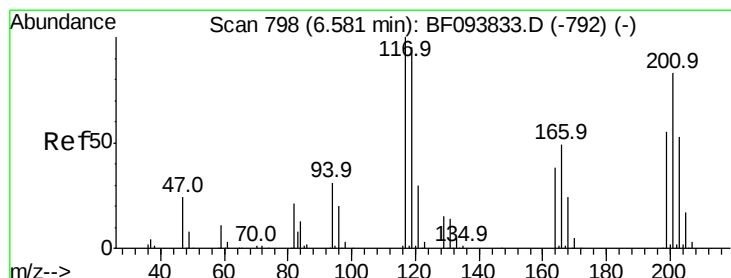
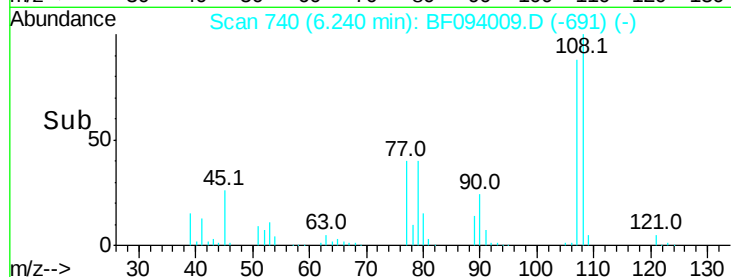
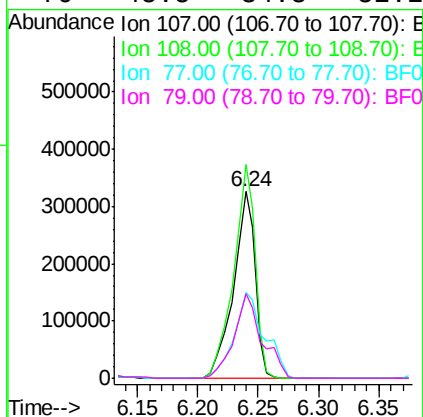
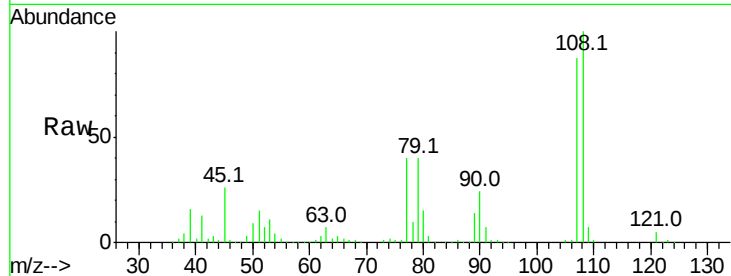
#17
2-Methylphenol
Concen: 46.78 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	46.2	35.8	53.6
79	45.5	34.8	52.2

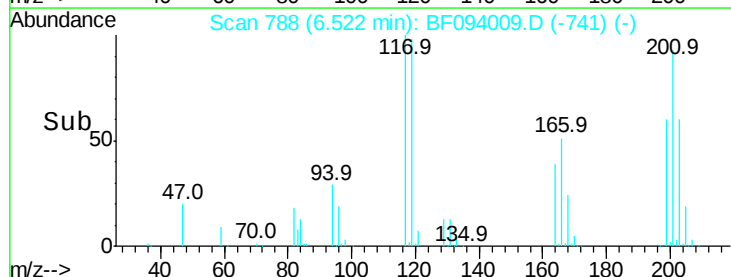
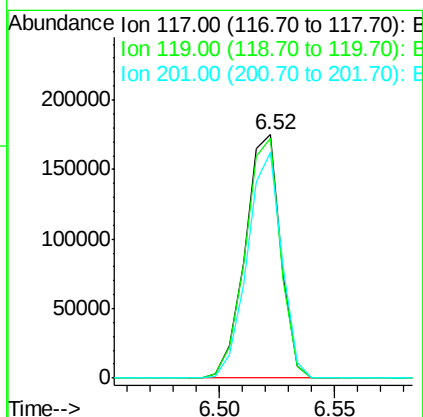
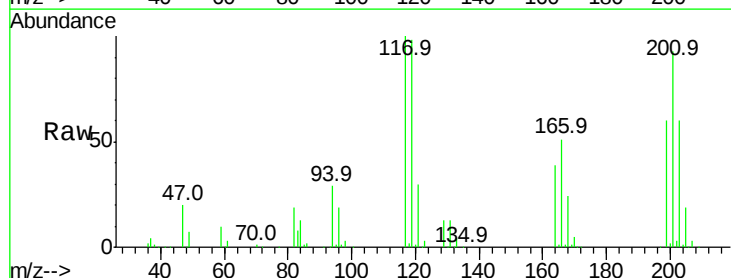
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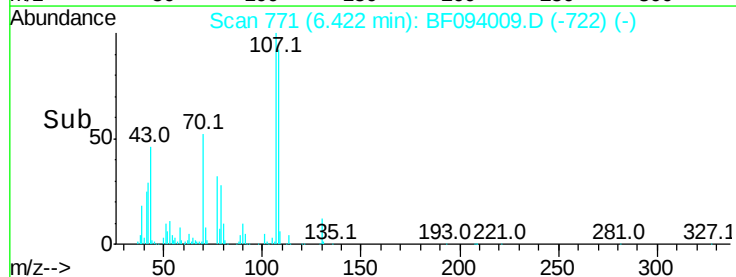
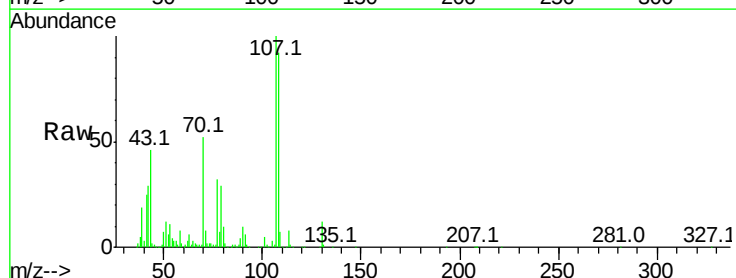
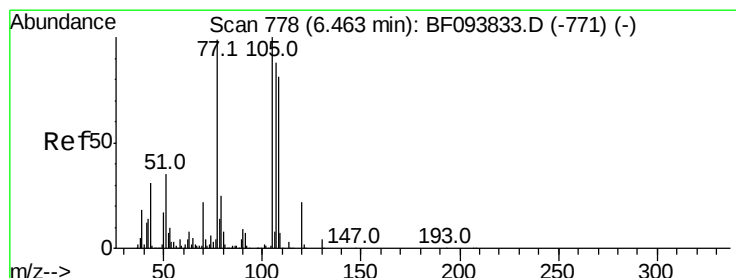
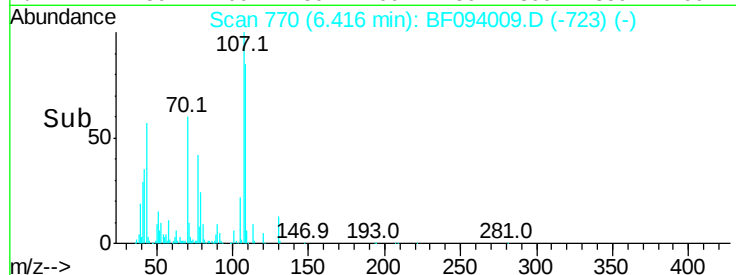
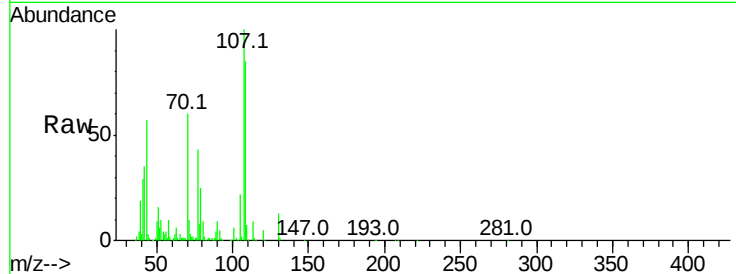
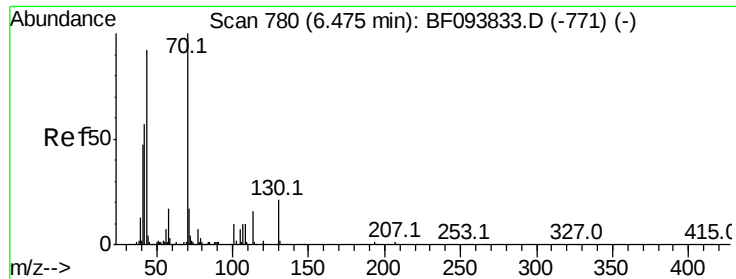
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#18
Hexachloroethane
Concen: 46.15 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.0
201	92.9	94.6	141.8#





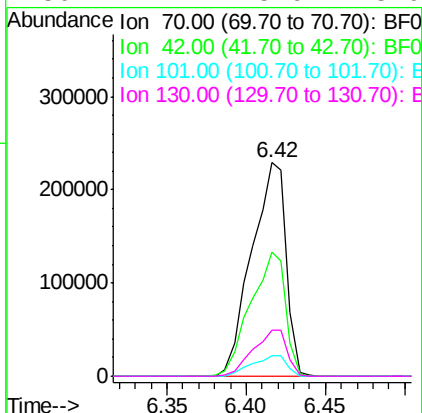
#19
n-Nitroso-di-n-propylamine
Concen: 47.23 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.2	70.8
101	9.3	7.2	10.8
130	21.7	15.9	23.9

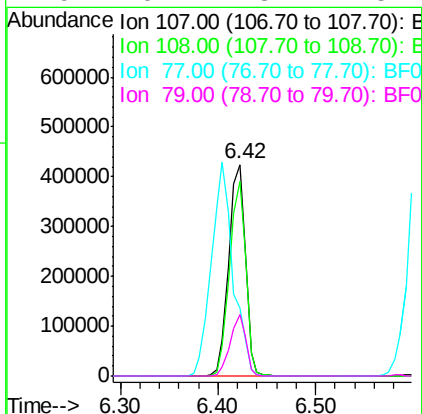
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#20
3+4-Methylphenols
Concen: 48.17 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.0	111.0
77	31.9	90.5	130.5#
79	29.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

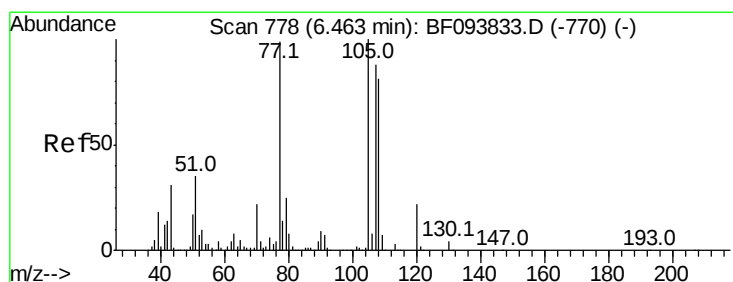
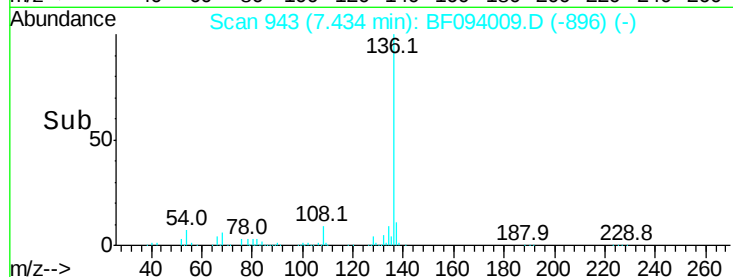
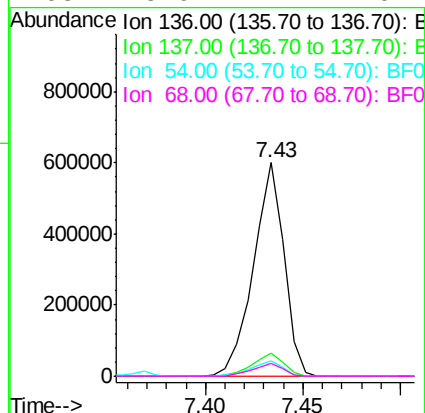
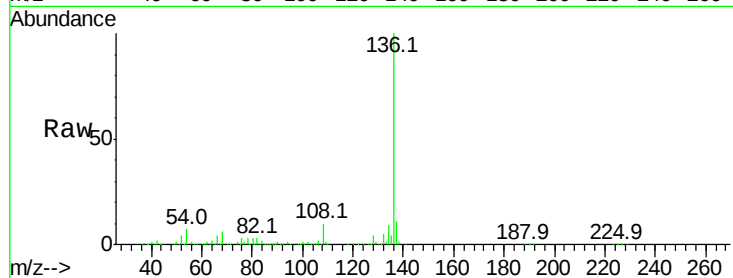
ClientSampleId :

HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	650906		
137	10.9		8.5	12.7
54	7.3		4.9	7.3
68	5.9		4.1	6.1

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#22

Acetophenone

Concen: 48.51 ng

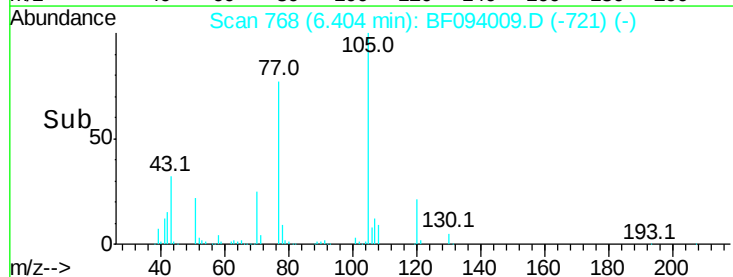
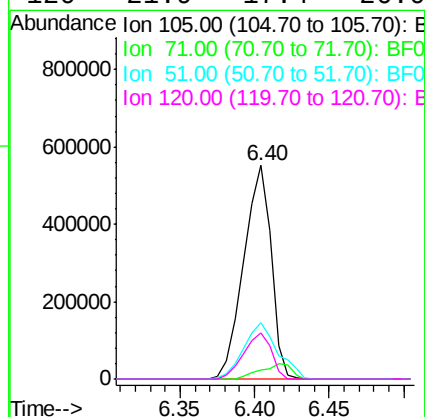
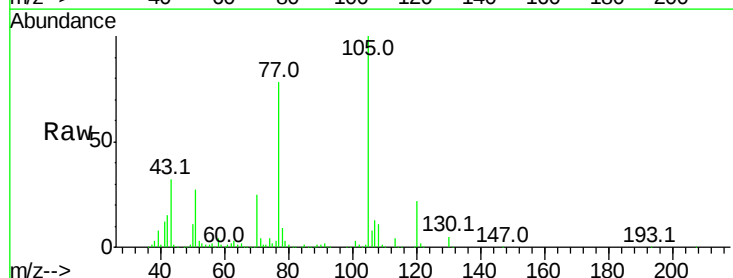
RT: 6.40 min Scan# 768

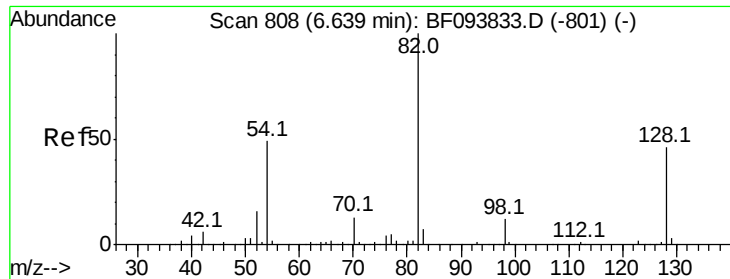
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	703773		
71	4.1		2.8	4.2
51	26.6		30.7	46.1#
120	21.9		17.4	26.0





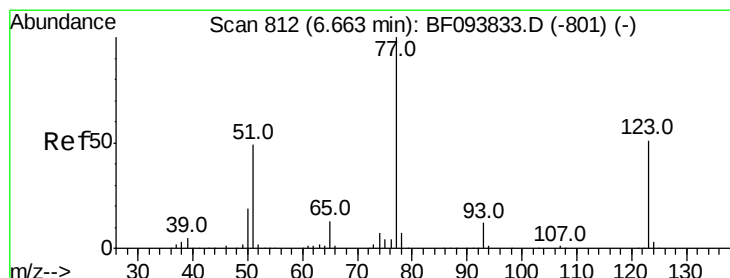
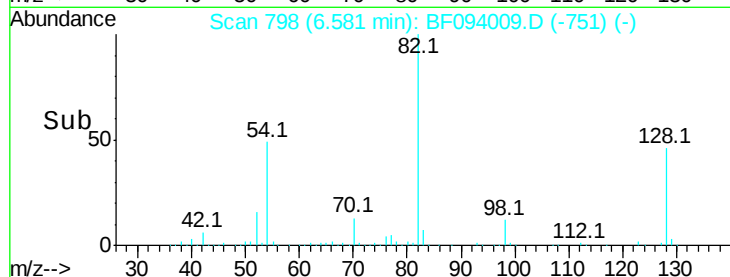
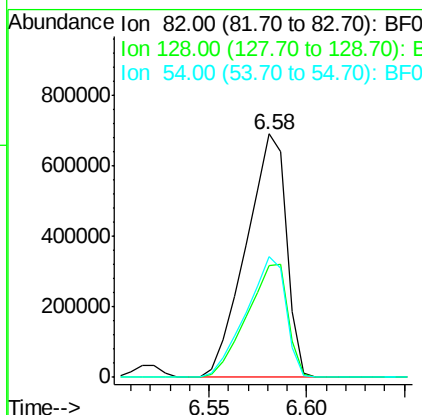
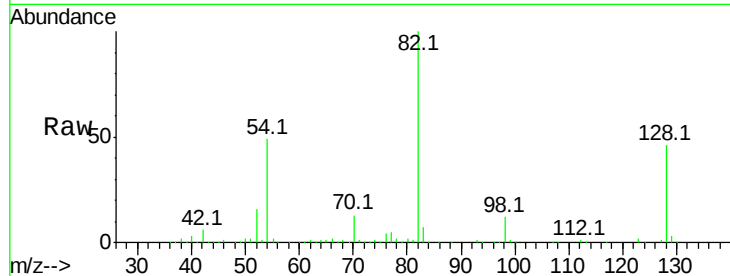
#23
 Nitrobenzene-d5
 Concen: 86.68 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	34.0	51.0	
54	49.4	42.2	63.2	

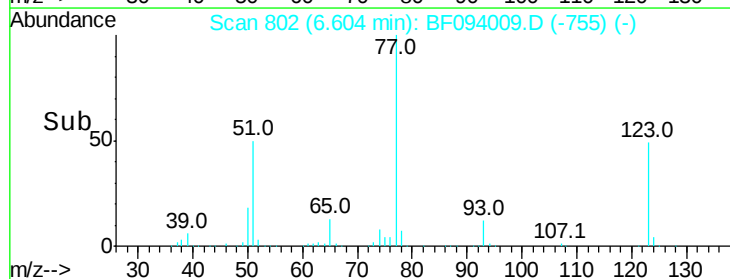
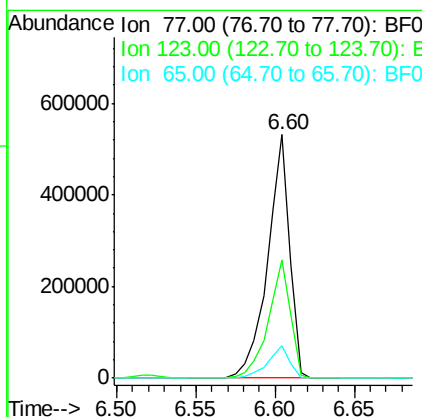
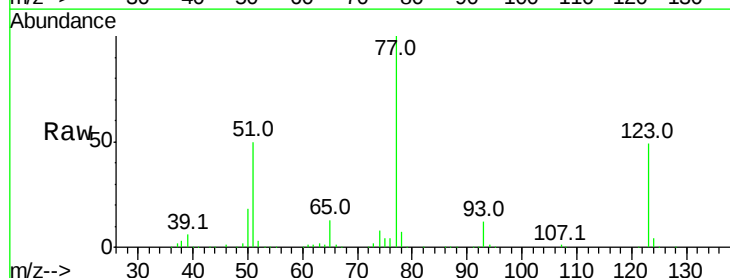
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#24
 Nitrobenzene
 Concen: 46.01 ng
 RT: 6.60 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.8	35.8	53.8	
65	13.3	10.6	15.8	





#25

Isophorone

Concen: 47.36 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

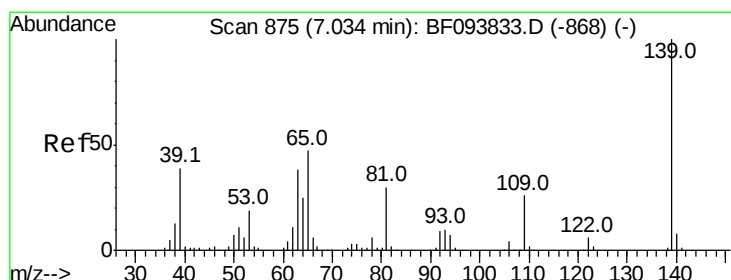
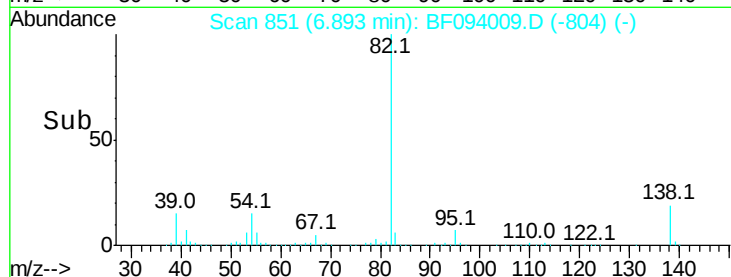
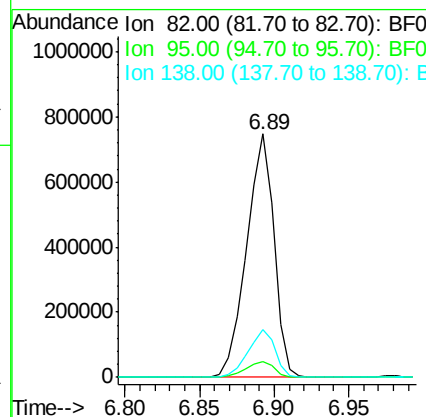
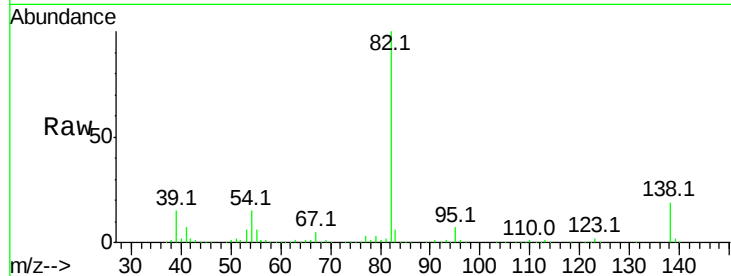
ClientSampleId :

HHD-GW1MS

Tot Ion:	82	Resp:	949195
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 50.92 ng

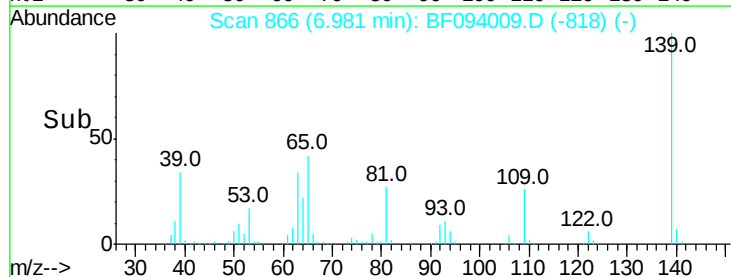
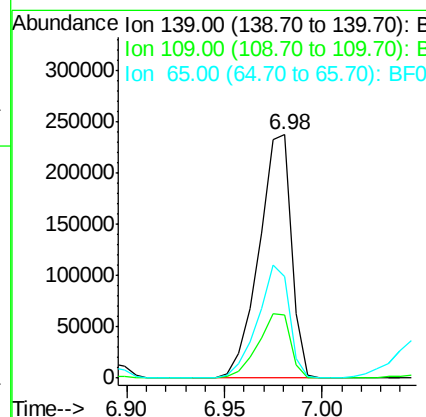
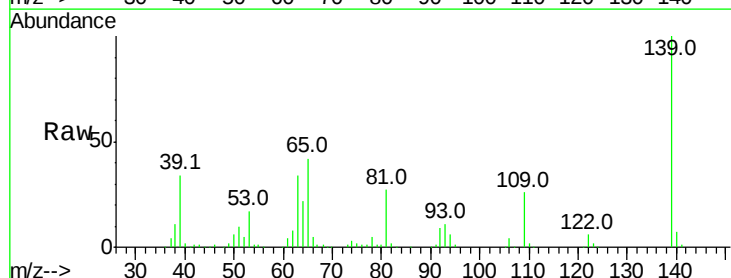
RT: 6.98 min Scan# 866

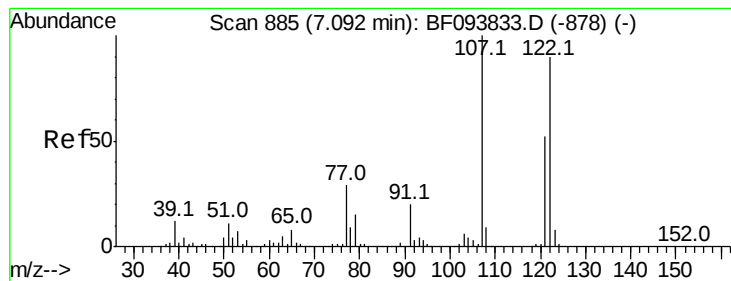
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	139	Resp:	273154
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.0	31.6
65	41.8	33.0	49.6





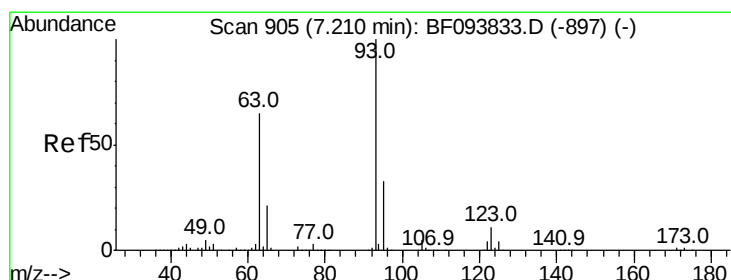
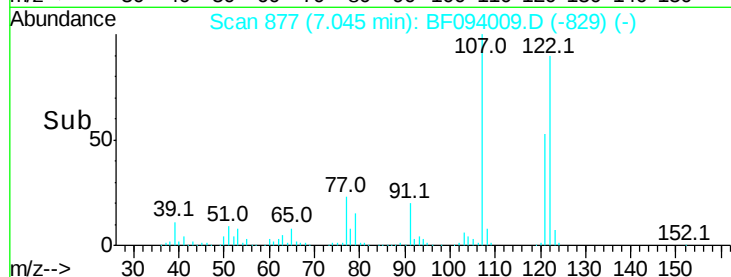
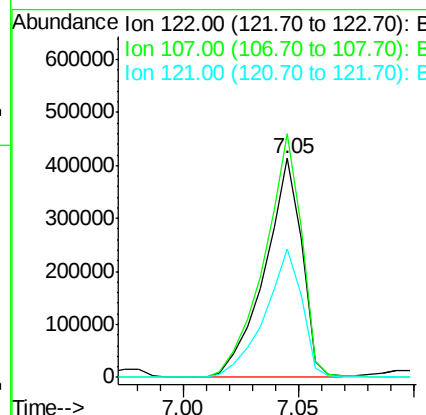
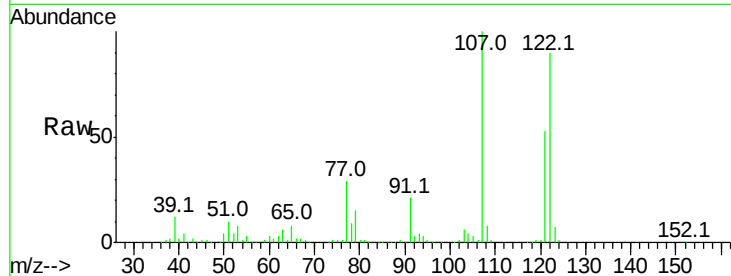
#27
2,4-Dimethylphenol
Concen: 50.13 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.2	133.8
121	58.6	45.2	67.8

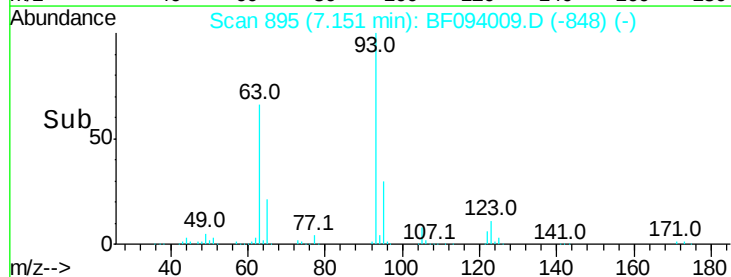
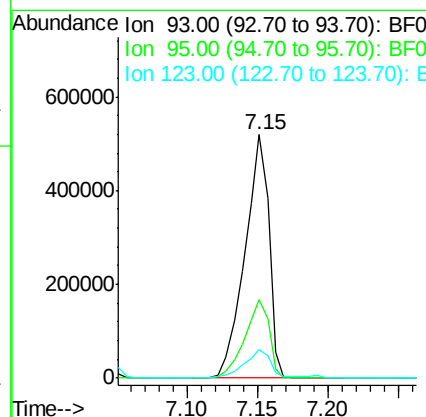
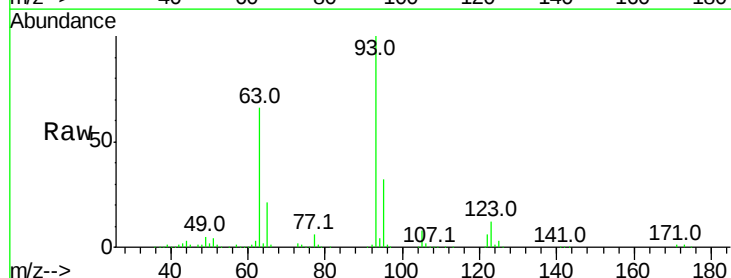
Manual Integrations
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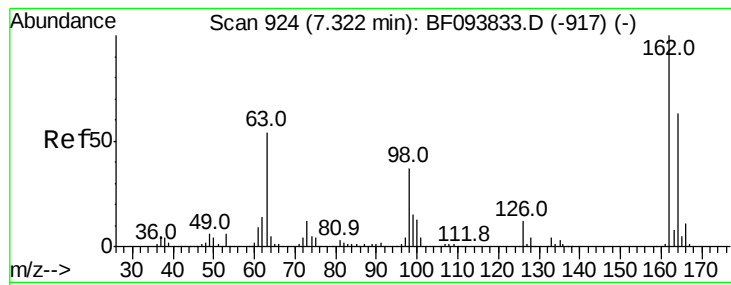
mohammad
3/29/2017 1:56:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.58 ng
RT: 7.15 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	11.7	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 50.68 ng

RT: 7.27 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

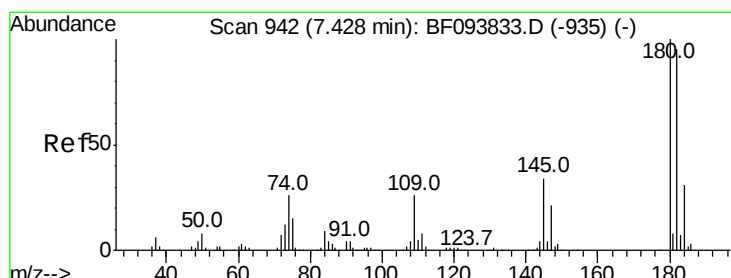
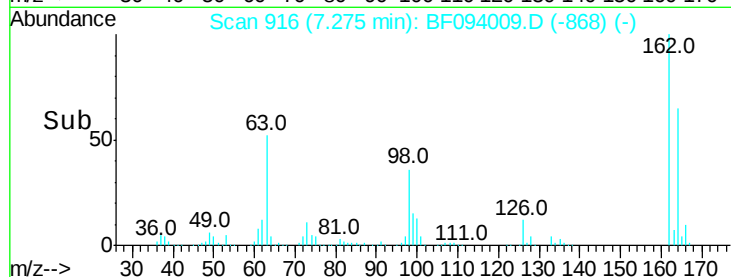
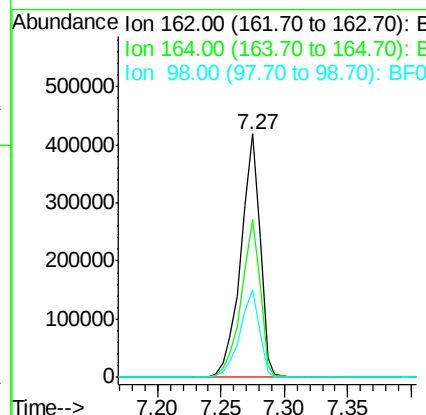
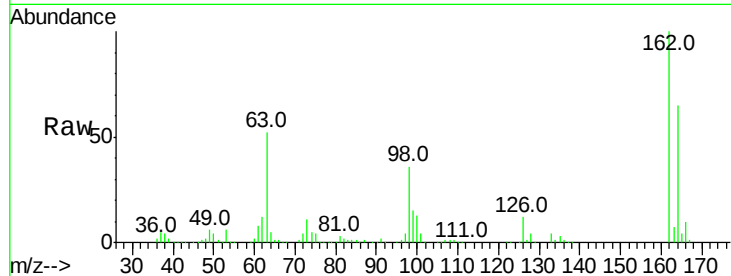
ClientSampleId :

HHD-GW1MS

Tot Ion:	162	Resp:	438035
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.6	84.6
98	35.9	14.8	54.8

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 47.81 ng

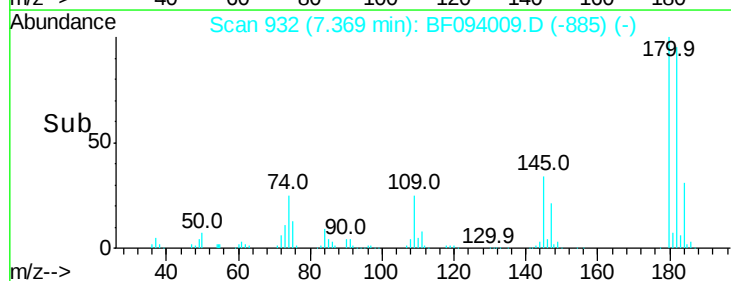
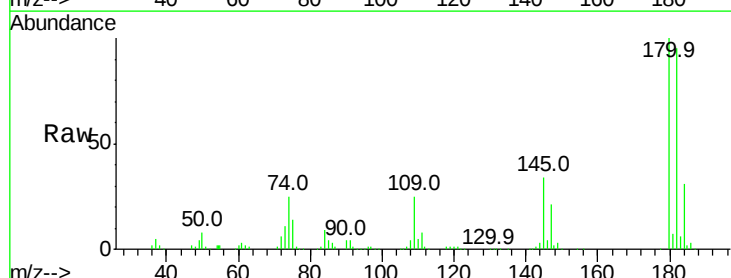
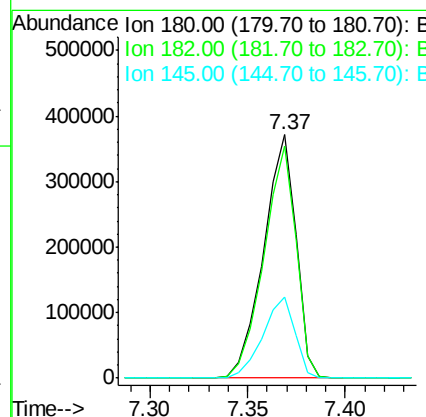
RT: 7.37 min Scan# 932

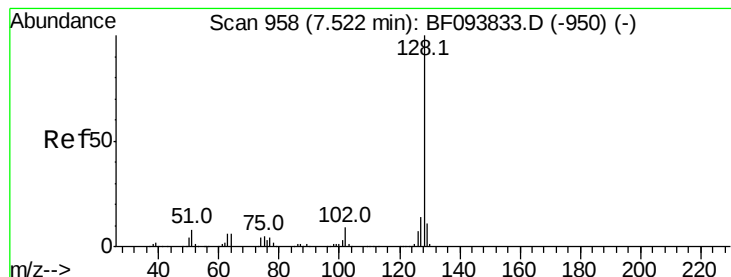
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	180	Resp:	425614
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.6
145	33.5	25.3	37.9





#31

Naphthalene

Concen: 46.06 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

HHD-GW1MS

Tot Ion:128 Resp: 1441617

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

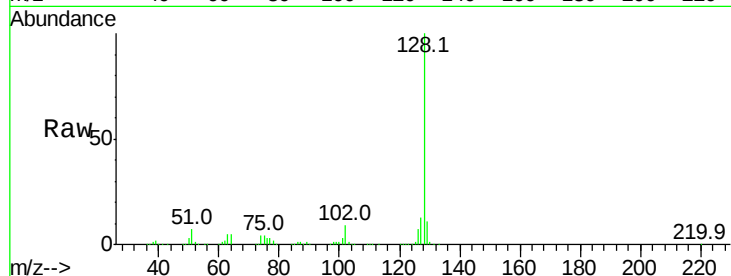
127 13.4 10.8 16.2

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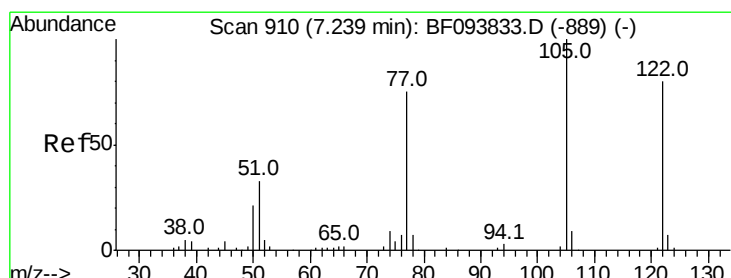
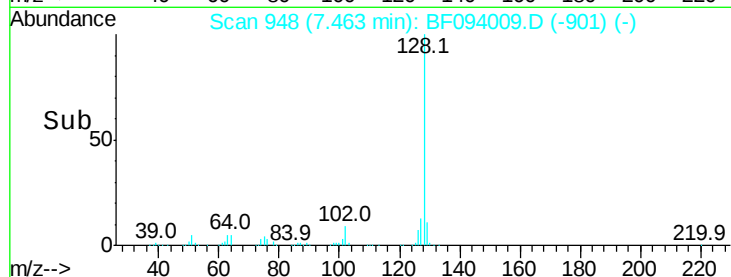
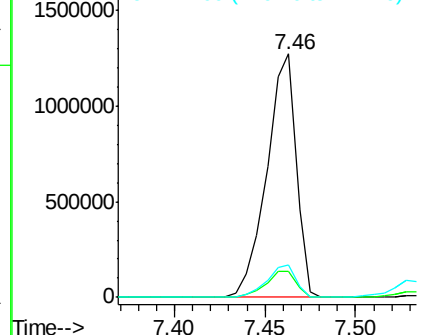
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.45 ng

RT: 7.19 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

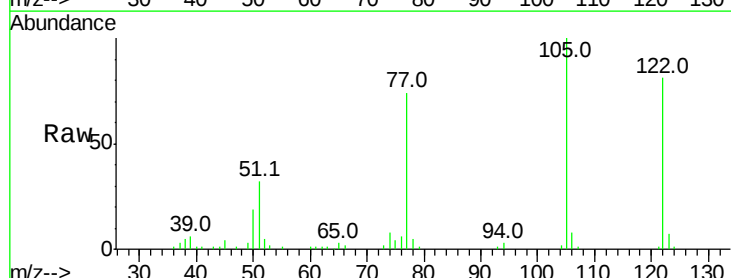
Tgt Ion:122 Resp: 218112

Ion Ratio Lower Upper

122 100

105 123.5 103.3 143.3

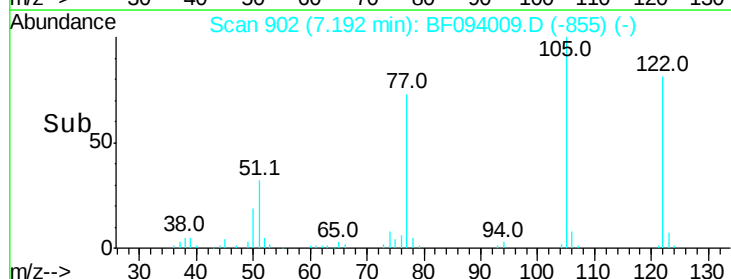
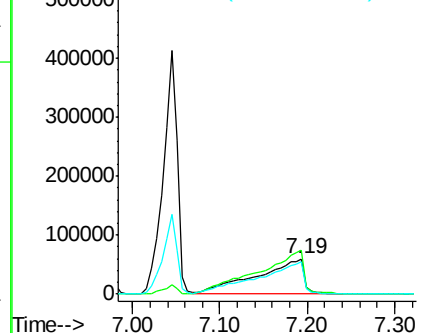
77 91.4 73.7 113.7



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





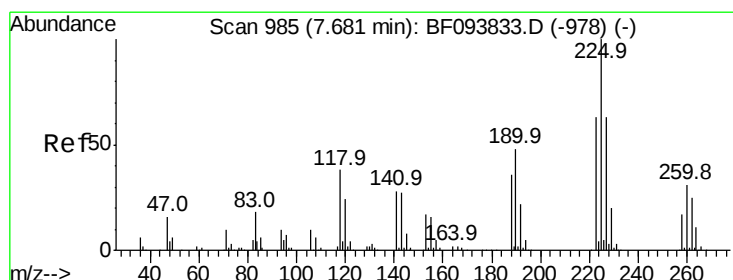
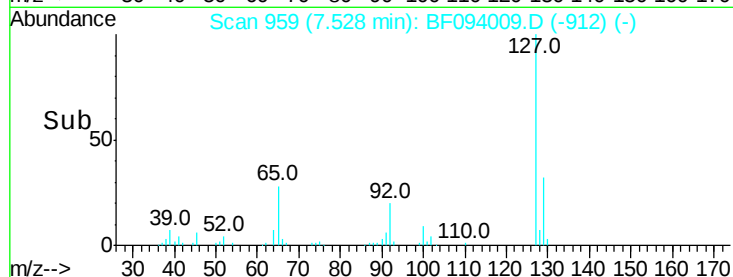
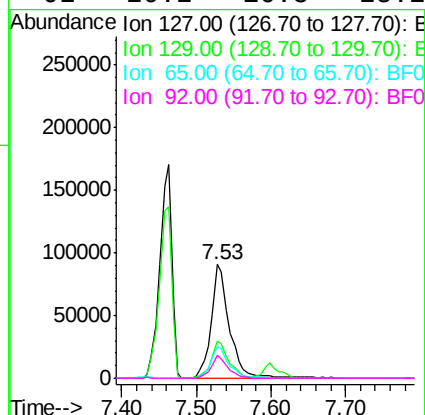
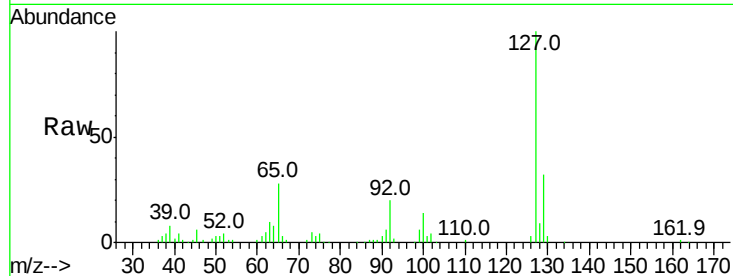
#33
4-Chloroaniline
Concen: 12.13 ng
RT: 7.53 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.2	
65	27.7	27.8	41.8	
92	20.2	16.8	25.2	

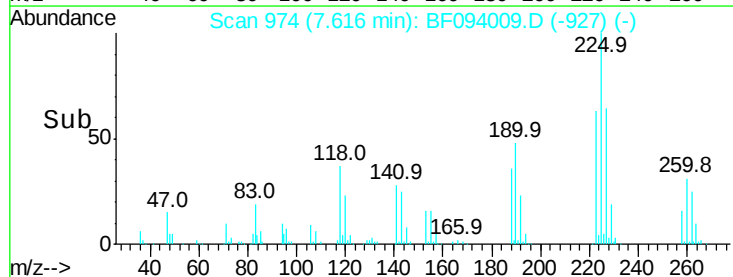
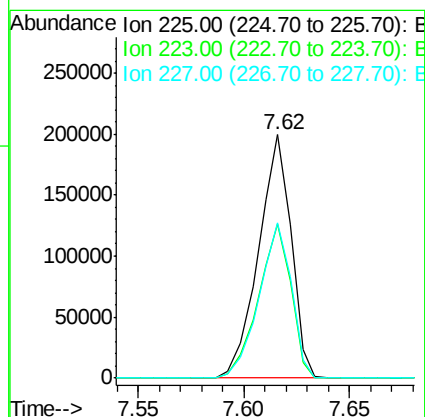
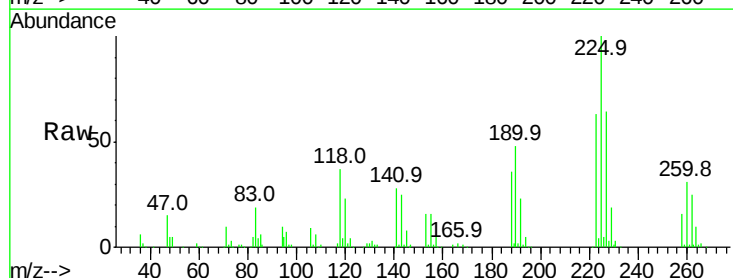
Manual Integrations
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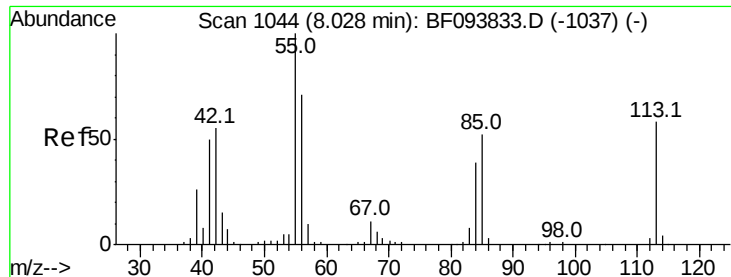
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#34
Hexachlorobutadiene
Concen: 46.92 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	48.8	73.2	
227	63.5	51.1	76.7	





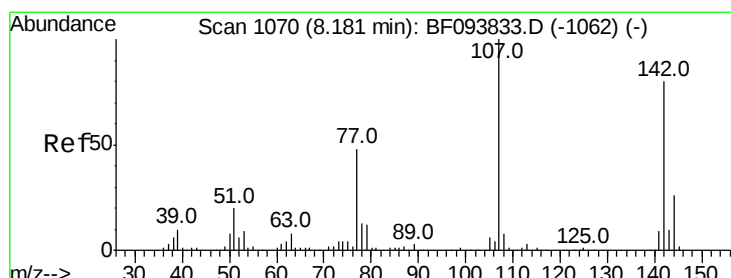
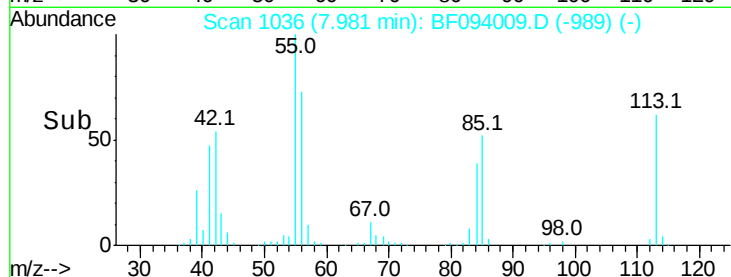
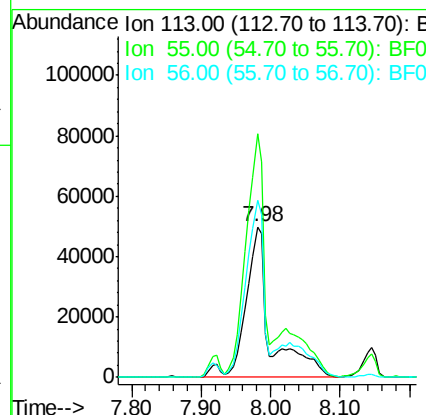
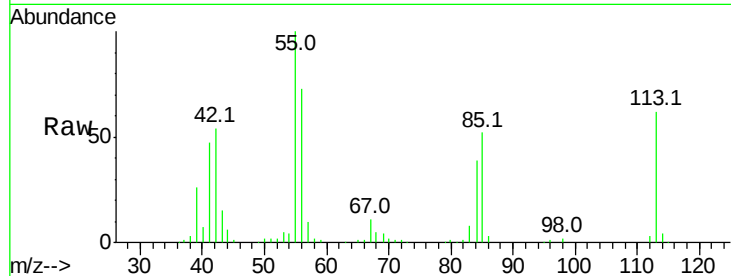
#35
Caprolactam
Concen: 44.40 ng/ml
RT: 7.98 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleID :
HHD-GW1MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	161.8	150.2	190.2	
56	117.6	107.8	147.8	

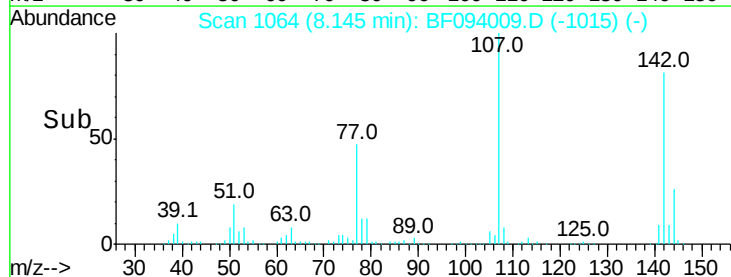
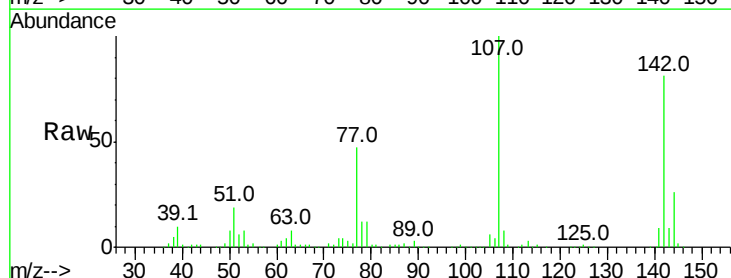
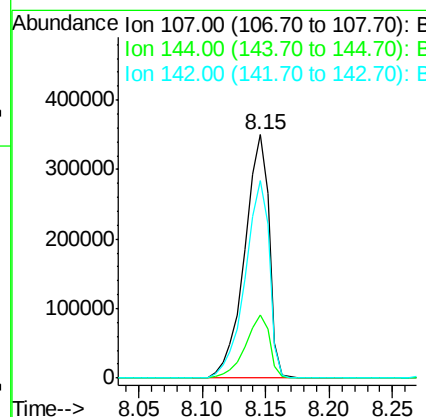
Manual Integrations
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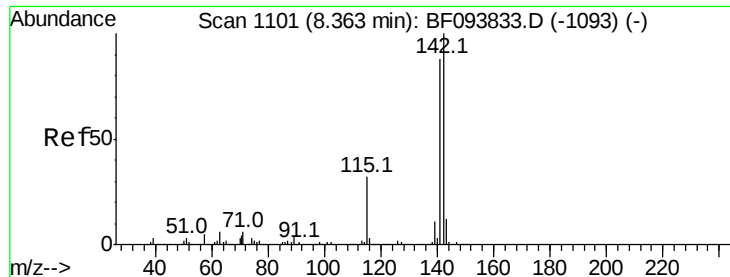
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.73 ng
RT: 8.15 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.1	24.2	36.4	
142	81.1	73.4	110.0	





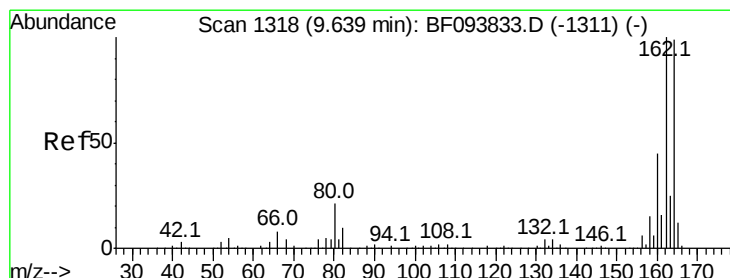
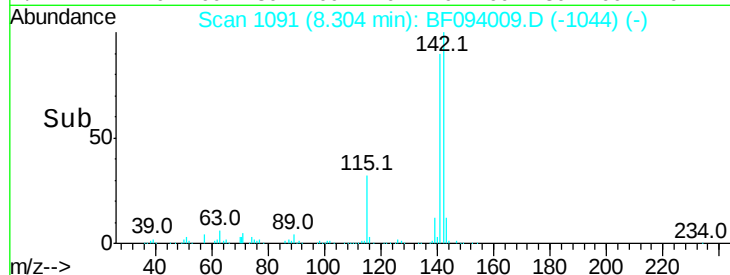
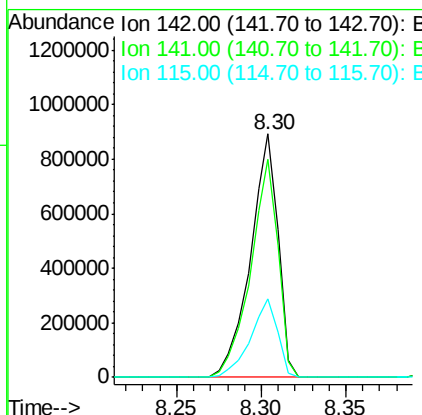
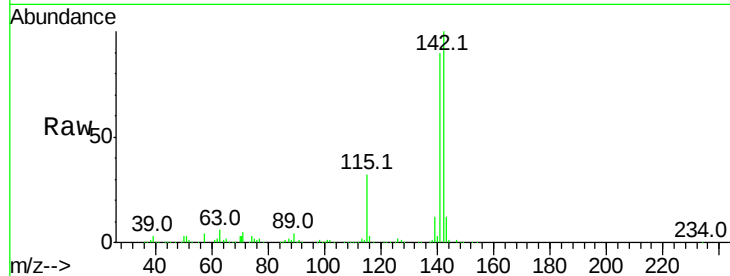
#37
2-Methylnaphthalene
Concen: 48.81 ng
RT: 8.30 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	32.5	27.1	40.7

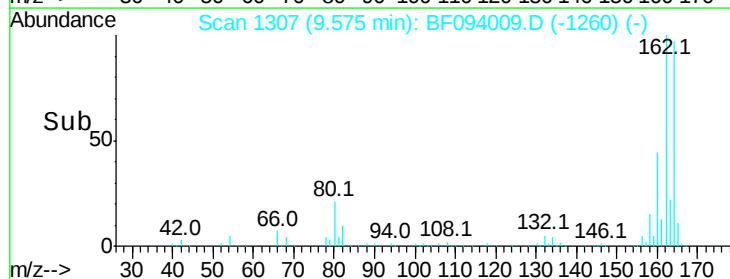
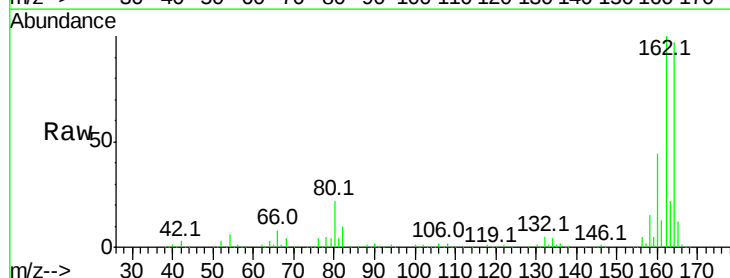
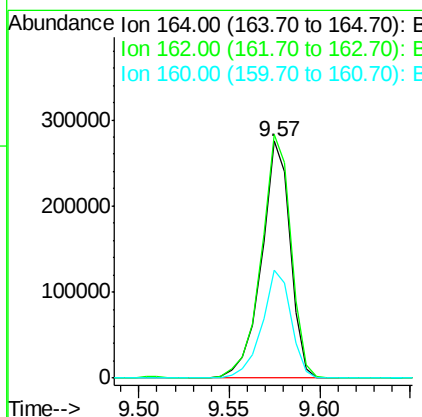
Manual Integrations
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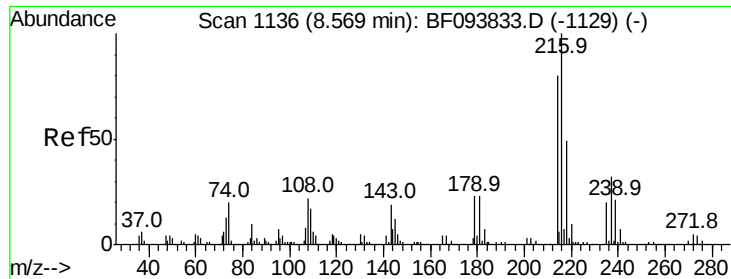
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.3	36.2	54.2





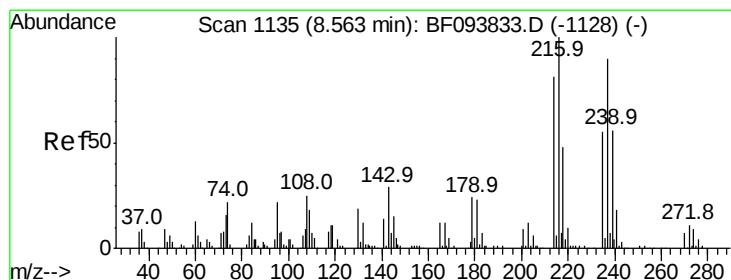
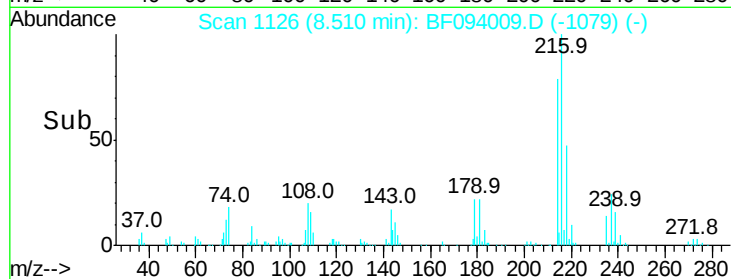
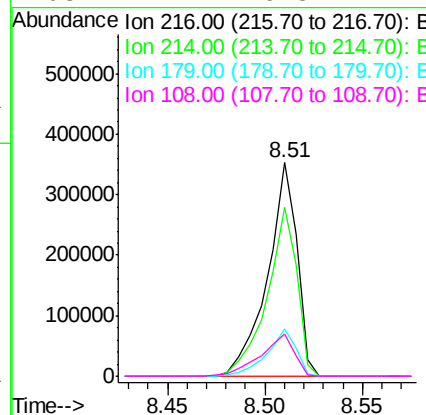
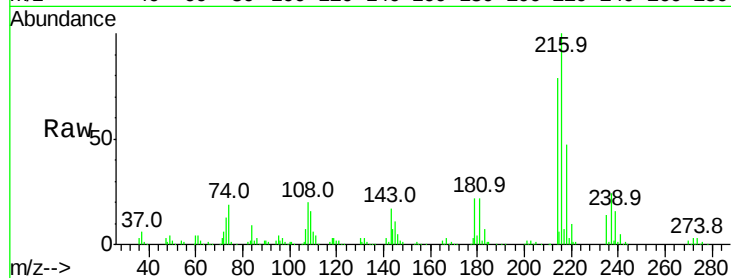
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.75 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	370480		
214	79.7	63.4	95.2	
179	22.1	17.9	26.9	
108	22.2	16.5	24.7	

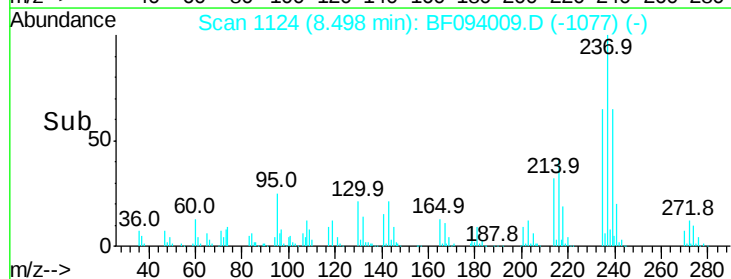
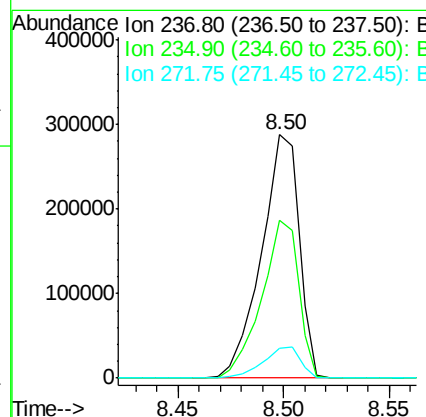
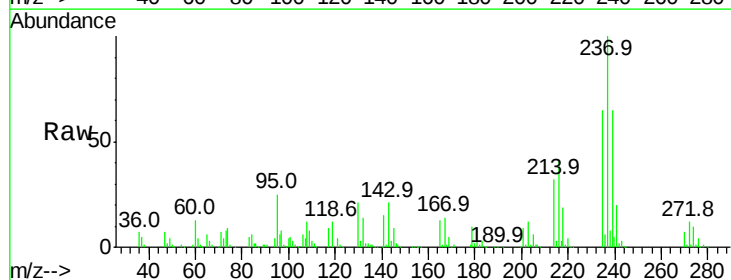
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#40
 Hexachlorocyclopentadiene
 Concen: 92.47 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	358183		
235	64.6	42.6	82.6	
272	12.4	0.0	31.9	





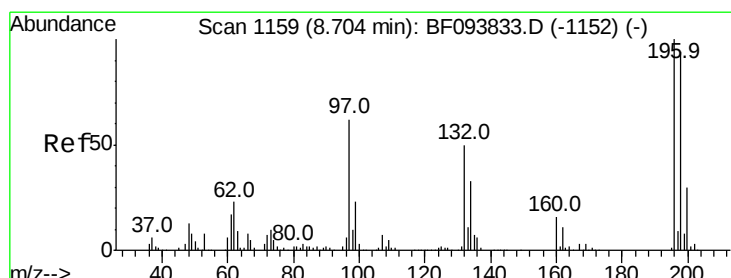
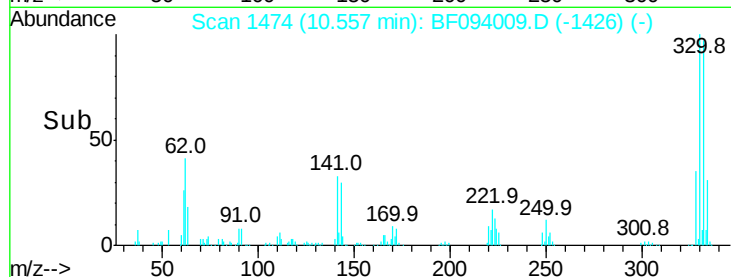
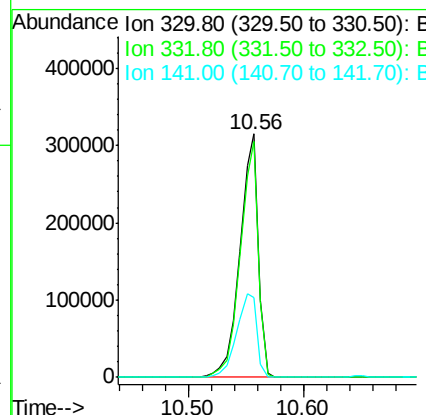
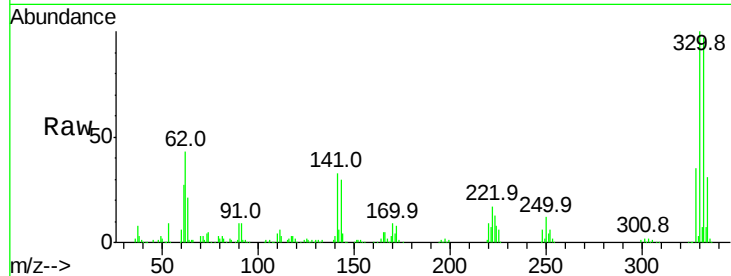
#41
 2,4,6-Tribromophenol
 Concen: 145.04 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	76.6	115.0	
141	38.0	31.4	47.2	

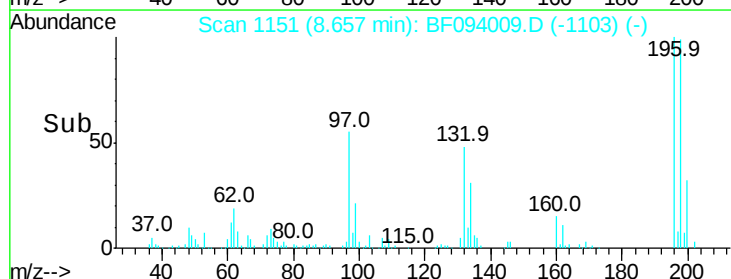
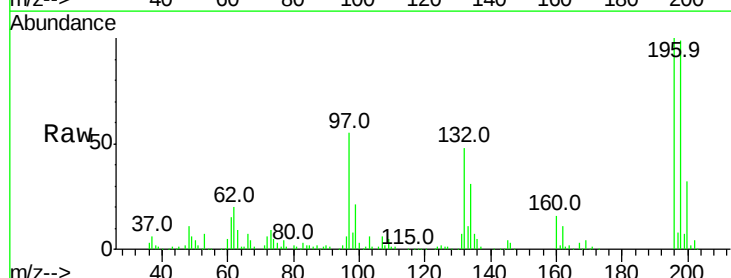
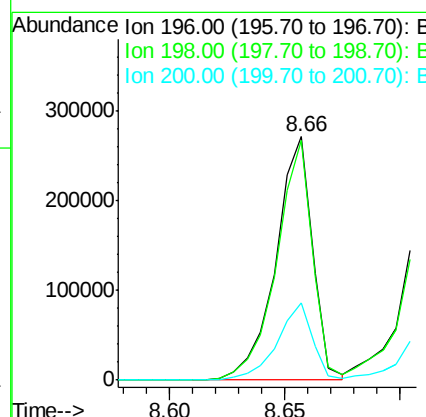
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#42
 2,4,6-Trichlorophenol
 Concen: 50.95 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.5	74.2	111.4	
200	31.9	24.0	36.0	





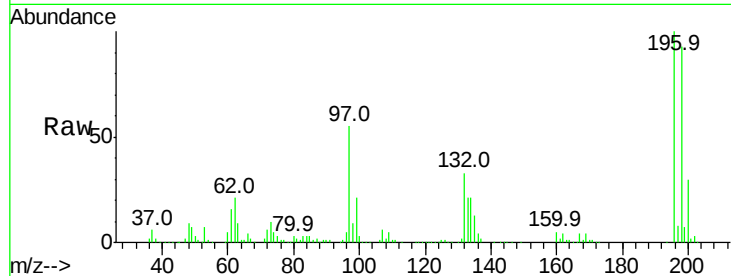
#43
 2,4,5-Trichlorophenol
 Concen: 47.54 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	301245		
198	93.3	75.7	113.5	
97	54.6	47.7	71.5	
132	33.2	28.0	42.0	

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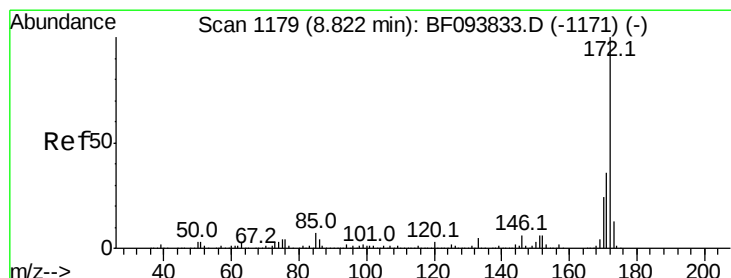
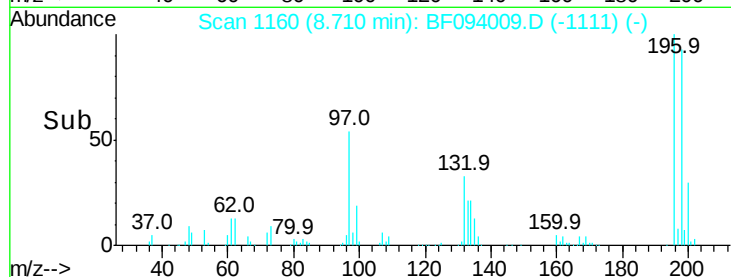
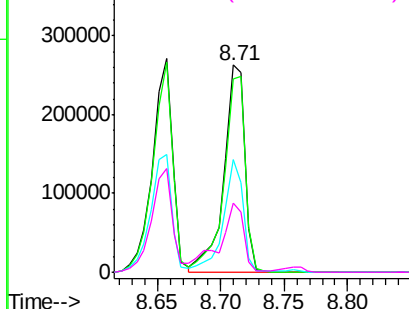
Abundance

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: 92.80 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

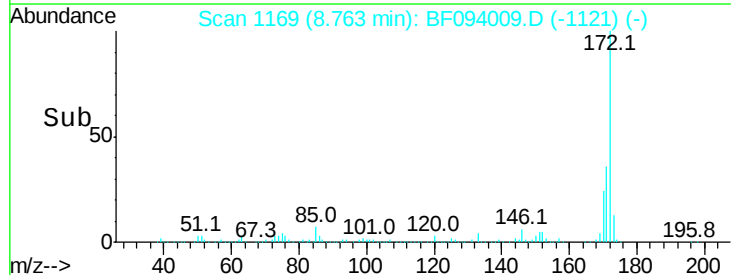
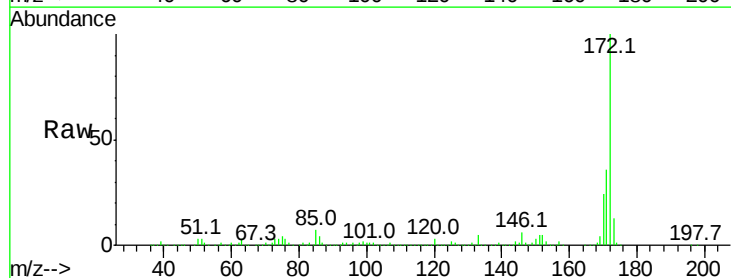
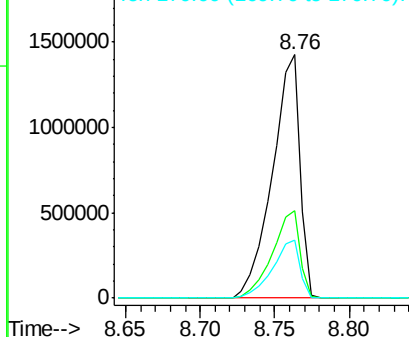
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1841018		
171	35.9	29.6	44.4	
170	24.0	19.8	29.8	

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: 46.91 ng

RT: 8.88 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampled :

HHD-GW1MS

Tot Ion:154 Resp: 1145048

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

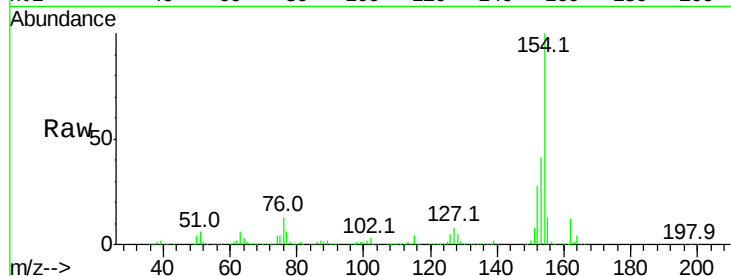
76 12.7 0.0 29.9

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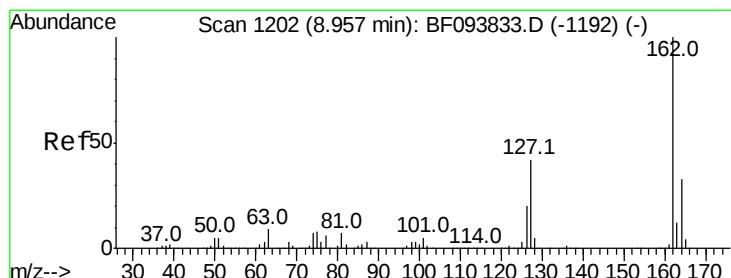
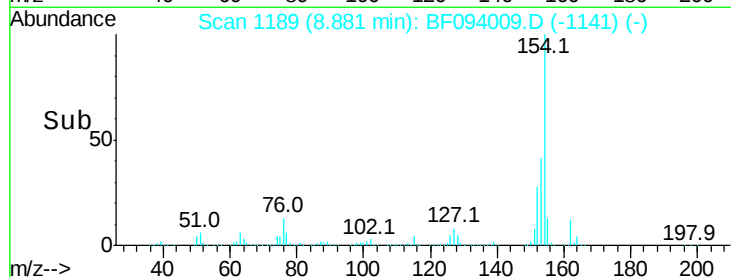
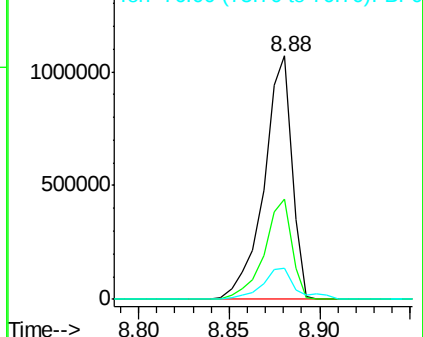
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.35 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

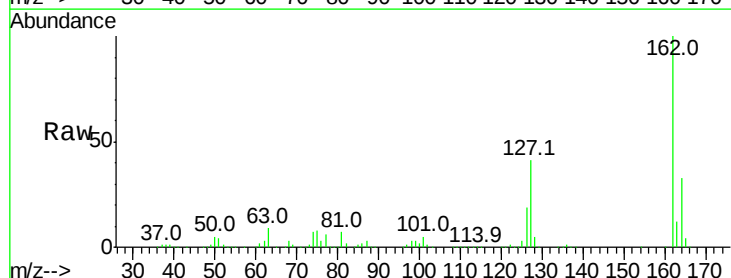
Tgt Ion:162 Resp: 904643

Ion Ratio Lower Upper

162 100

127 40.7 28.3 42.5

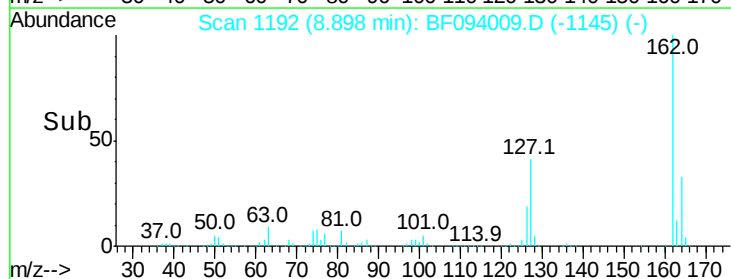
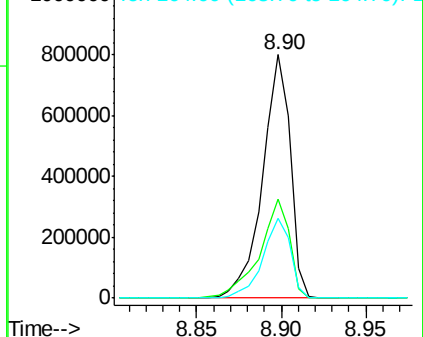
164 32.6 27.0 40.4

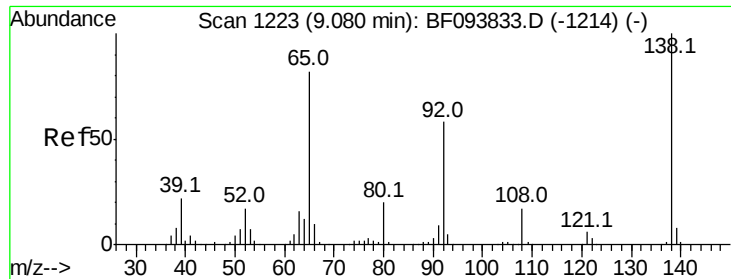


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





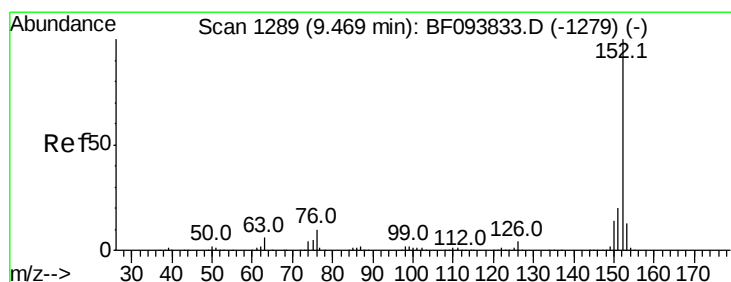
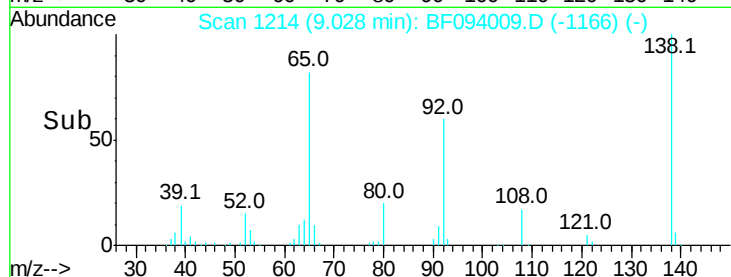
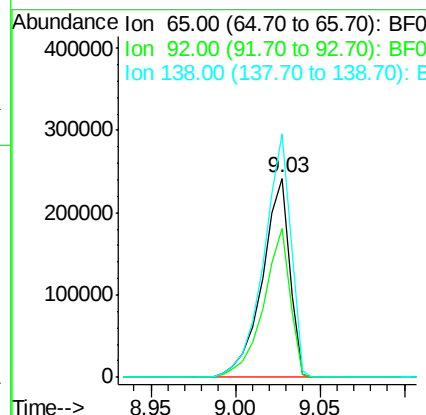
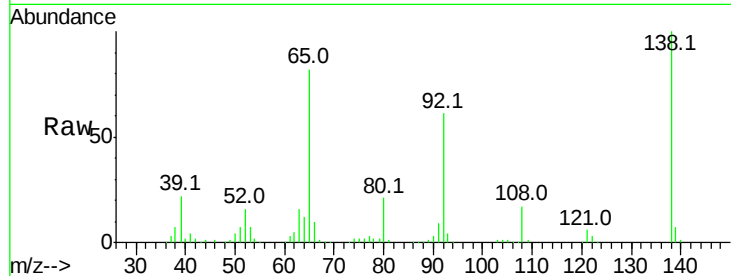
#47
2-Nitroaniline
Concen: 48.23 ng
RT: 9.03 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.5	53.9	80.9
138	122.1	78.8	118.2

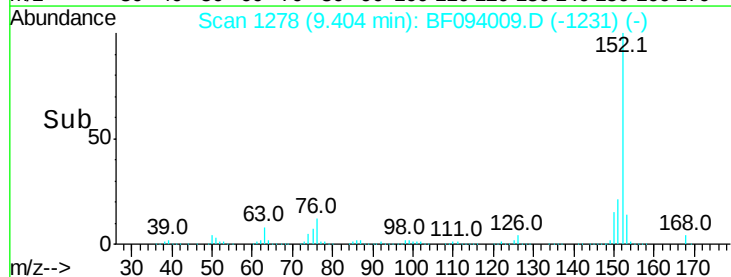
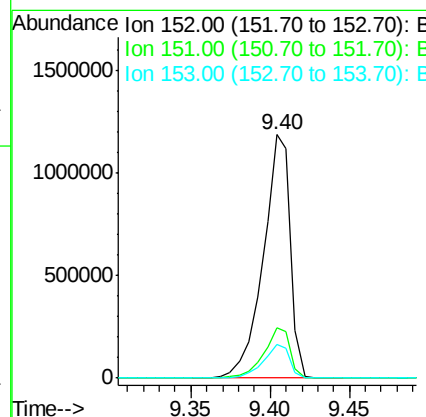
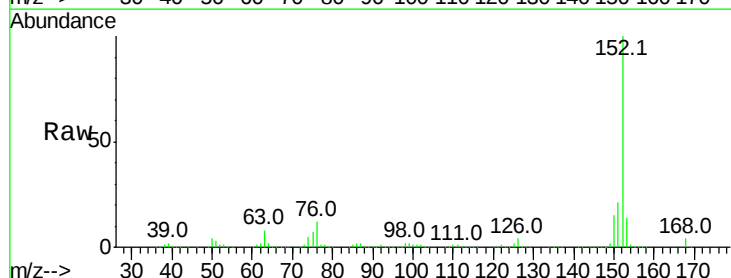
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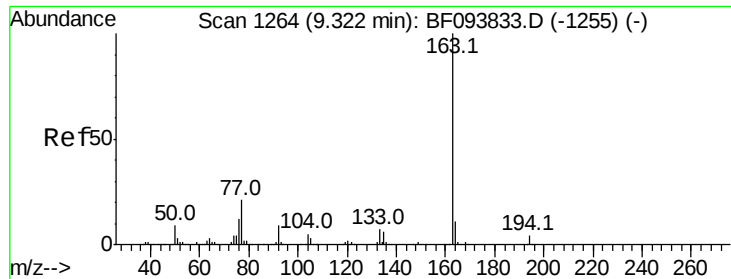
mohammad
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#48
Acenaphthylene
Concen: 44.58 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.6	10.8	16.2





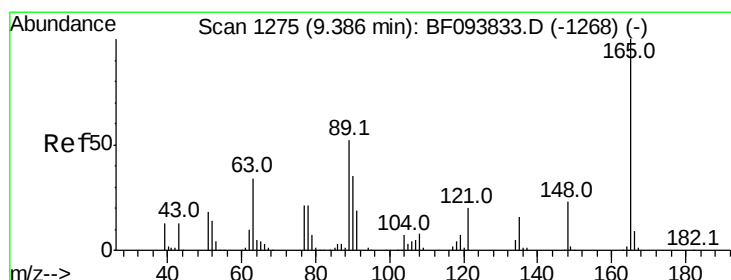
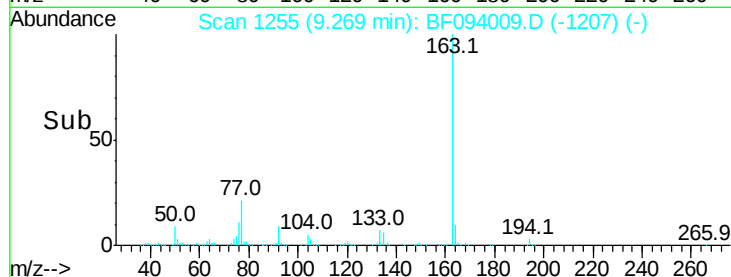
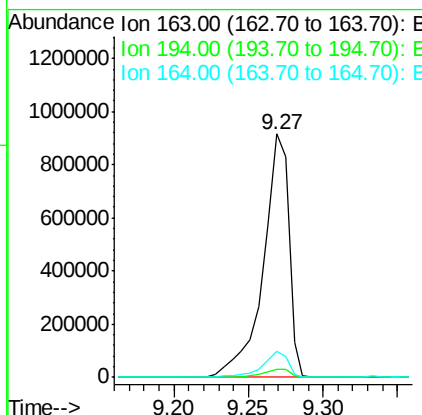
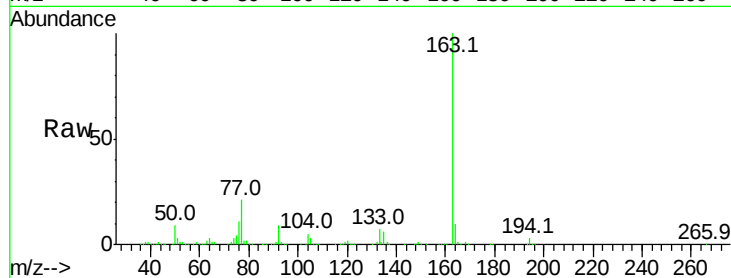
#49
Dimethylphthalate
Concen: 50.60 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6

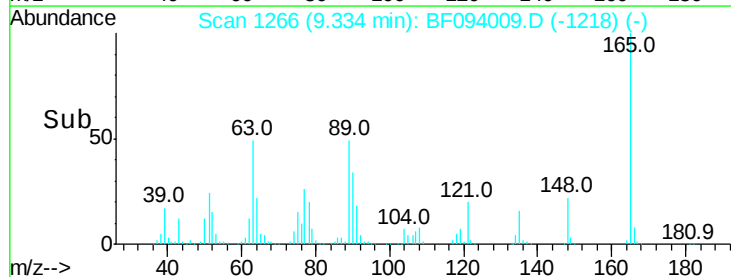
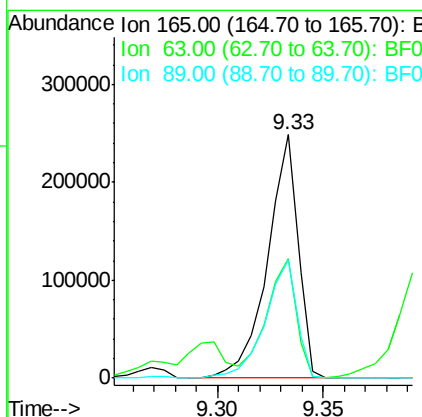
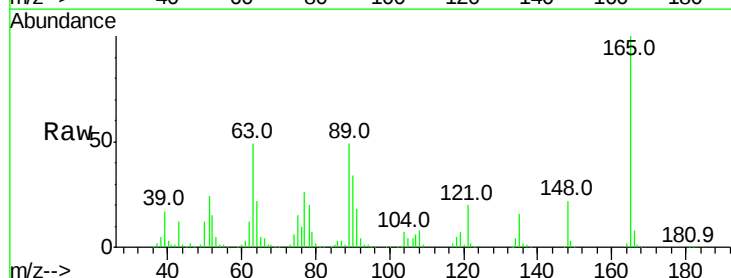
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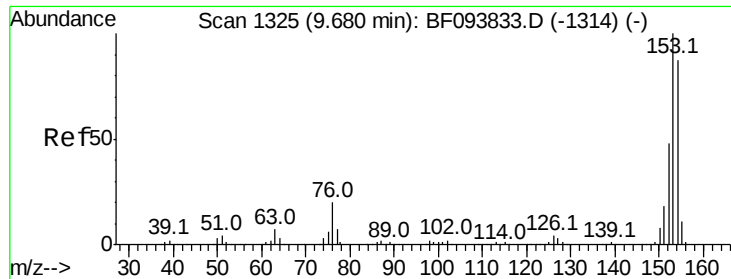
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#50
2,6-Dinitrotoluene
Concen: 50.85 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.0	34.3	51.5
89	48.5	37.1	55.7





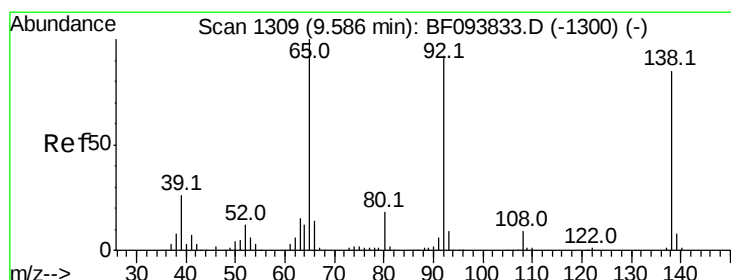
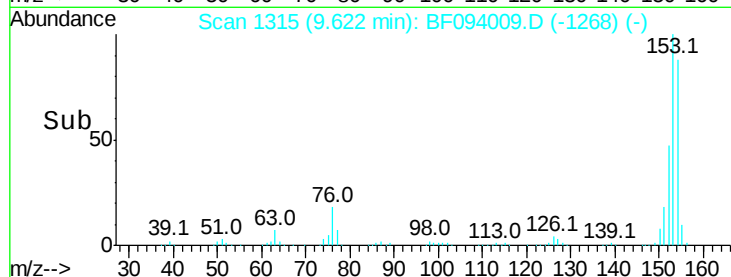
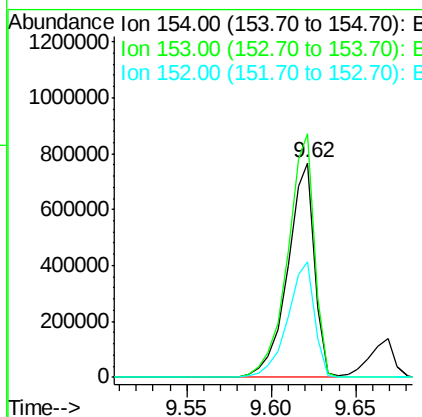
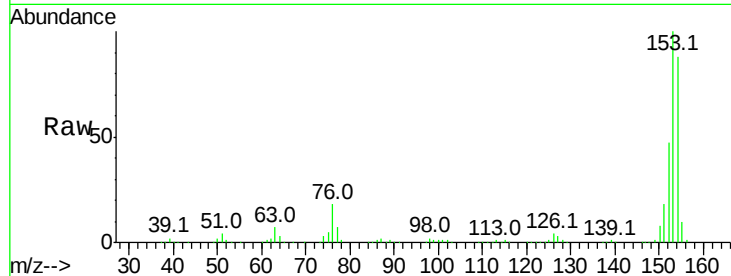
#51
Acenaphthene
Concen: 45.93 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.5	135.7
152	53.7	43.6	65.4

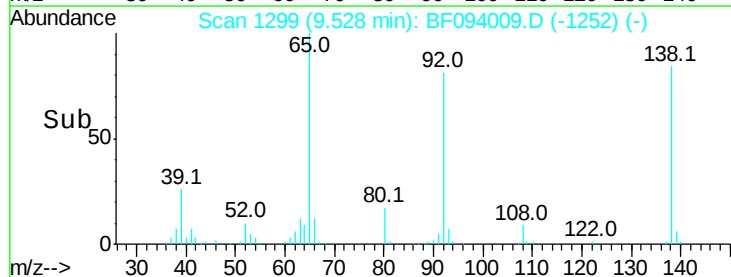
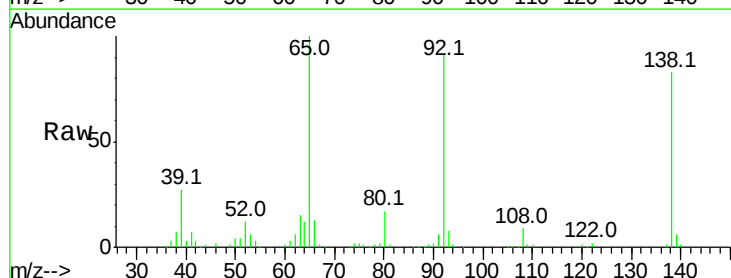
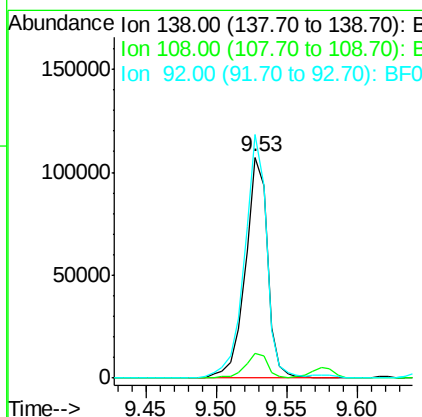
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#52
3-Nitroaniline
Concen: 20.38 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	110.2	93.8	140.6





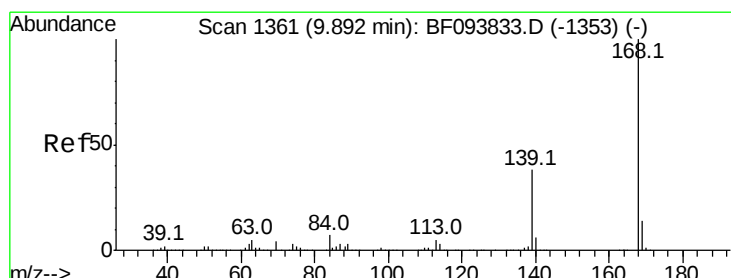
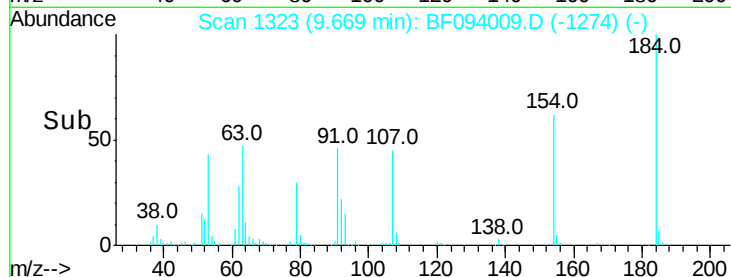
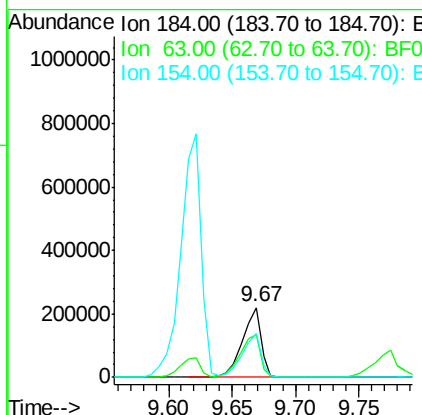
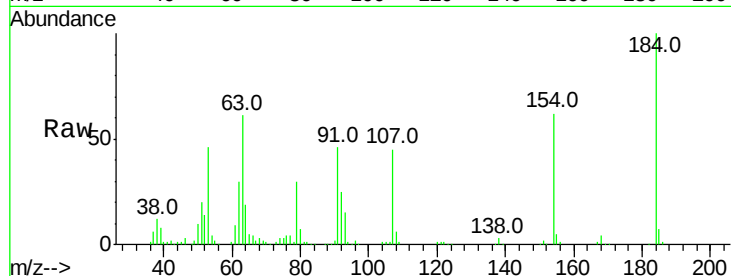
#53
 2,4-Dinitrophenol
 Concen: 85.55 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.8	62.7	94.1#
154	62.2	81.1	121.7#

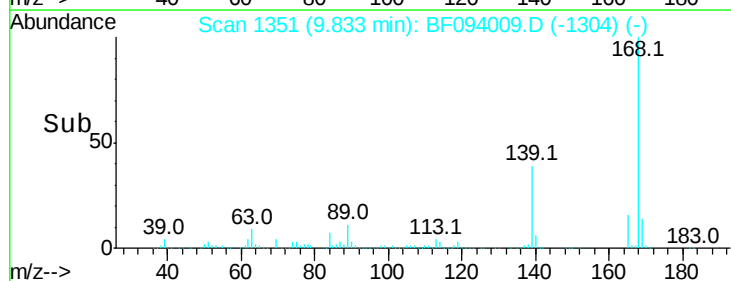
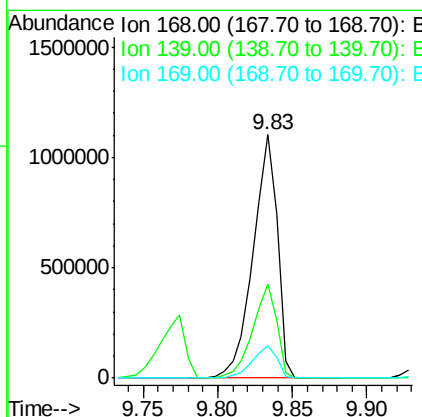
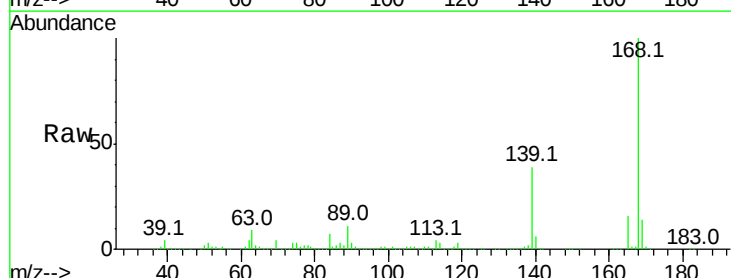
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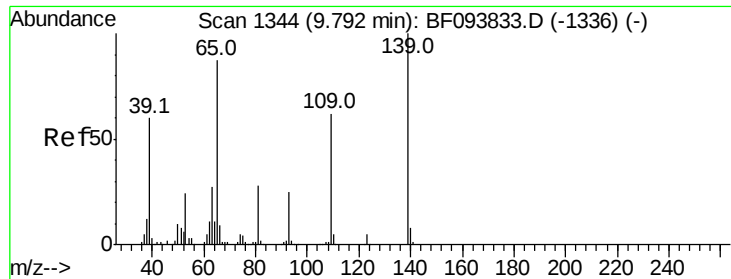
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#54
 Dibenzofuran
 Concen: 48.74 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	13.5	10.8	16.2





#55

4-Nitrophenol

Concen: 75.08 ng

RT: 9.77 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

ClientSampleId :

HHD-GW1MS

Tot Ion:139 Resp: 340459

Ion Ratio Lower Upper

139 100

109 63.1 34.1 74.1

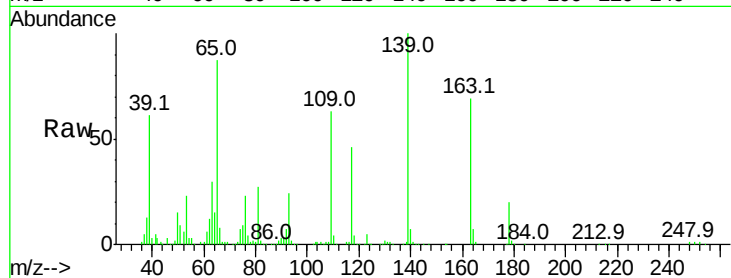
65 87.2 31.4 71.4#

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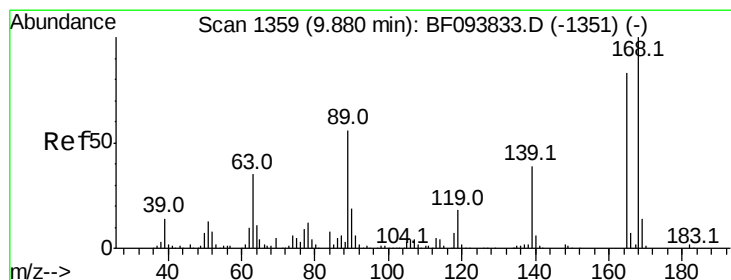
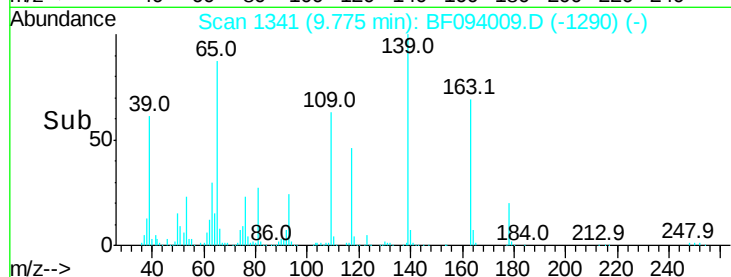
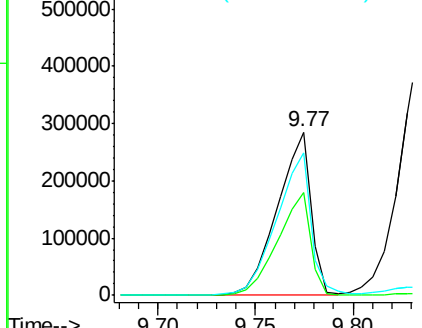
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.02 ng

RT: 9.83 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:165 Resp: 297449

Ion Ratio Lower Upper

165 100

63 55.7 25.4 38.0#

89 75.6 46.4 69.6#

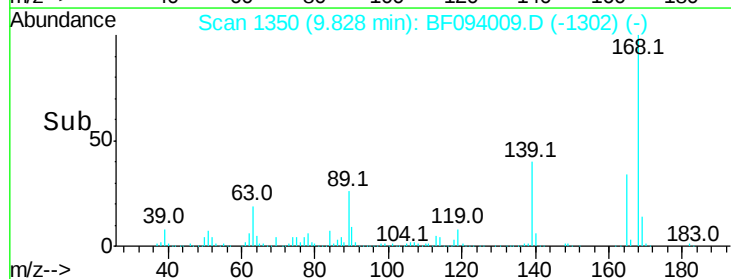
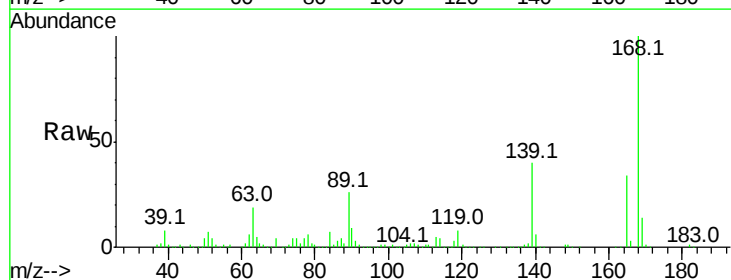
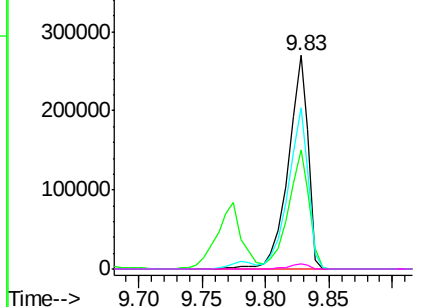
182 2.5 1.8 2.6

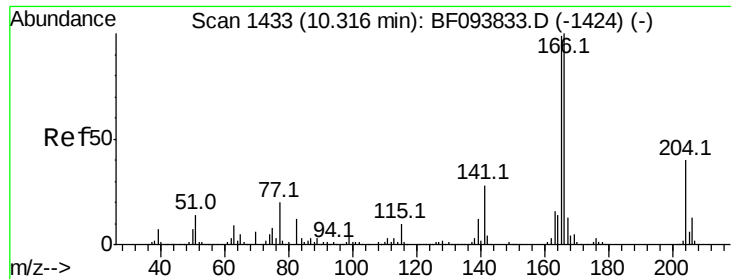
Abundance Ion 165.00 (164.70 to 165.70): E

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





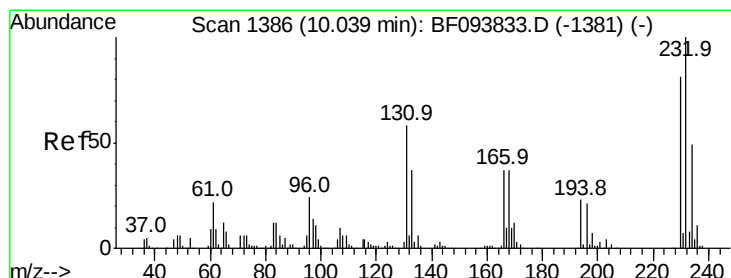
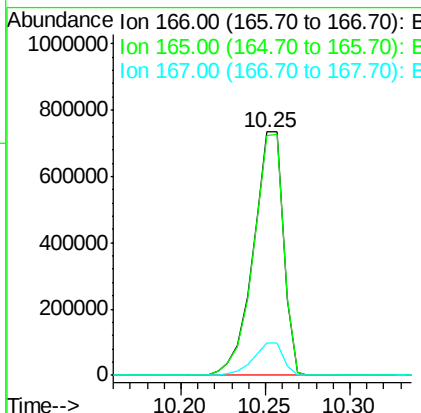
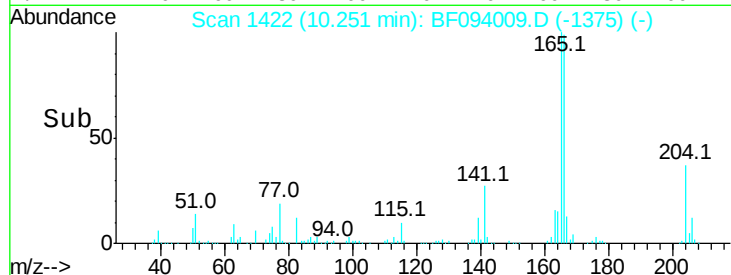
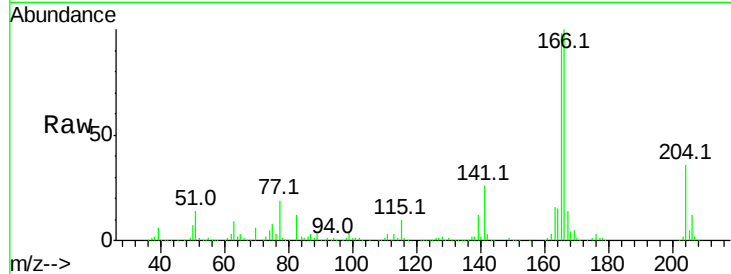
#57
Fluorene
 Concen: 43.39 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion:	166	Resp:	907545
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.8	118.2
167	13.5	10.6	16.0

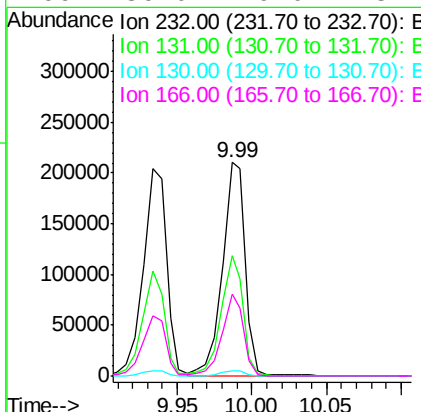
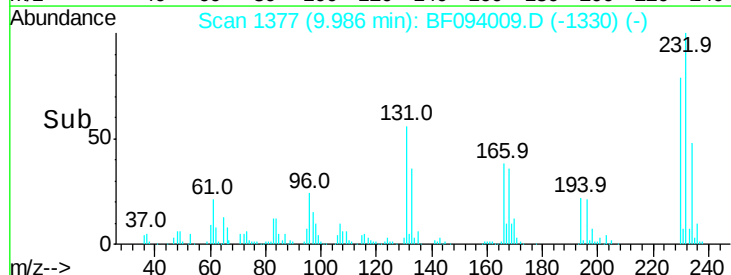
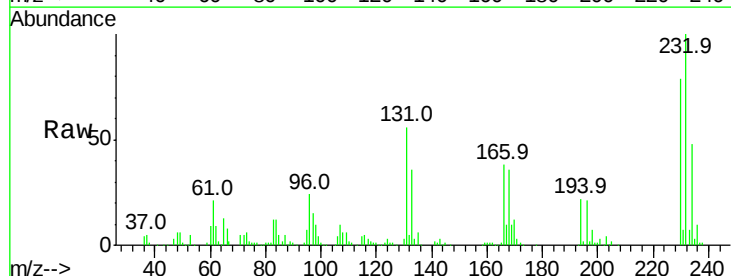
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.69 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:	232	Resp:	229117
Ion Ratio	Lower	Upper	
232	100		
131	54.1	44.8	67.2
130	2.6	2.3	3.5
166	36.0	29.0	43.4





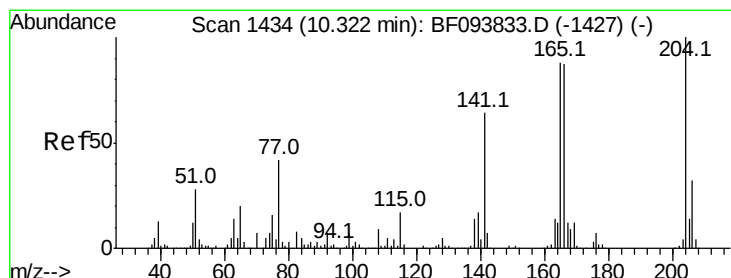
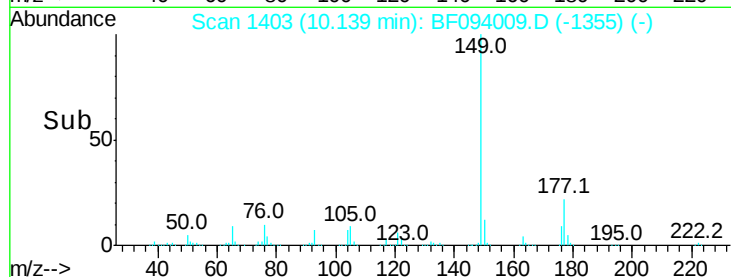
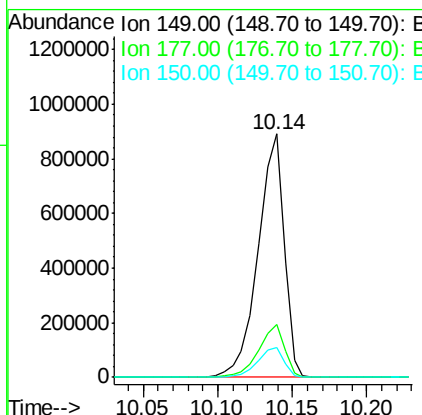
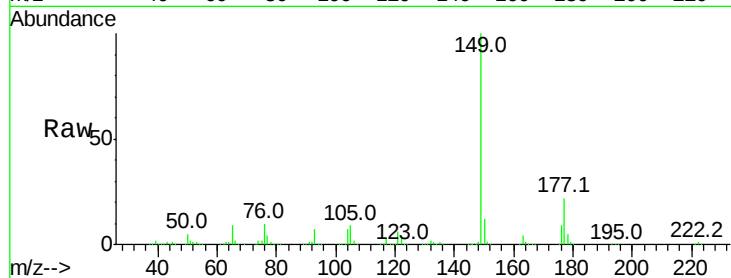
#59
Diethylphthalate
Concen: 50.26 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.4	10.2	15.2

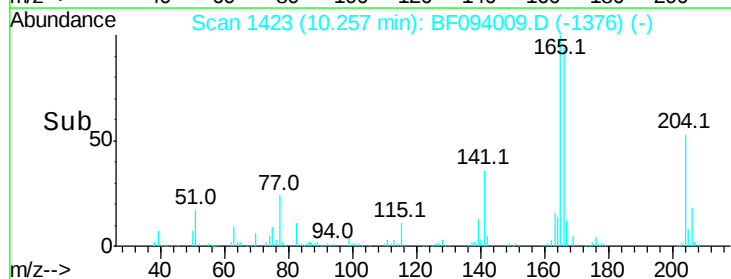
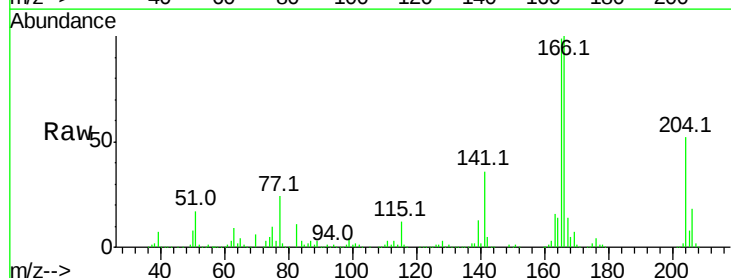
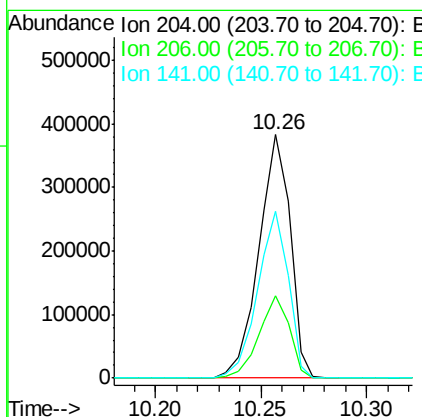
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#60
4-Chlorophenyl-phenylether
Concen: 44.40 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	68.7	60.8	91.2





#61

4-Nitroaniline

Concen: 43.38 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

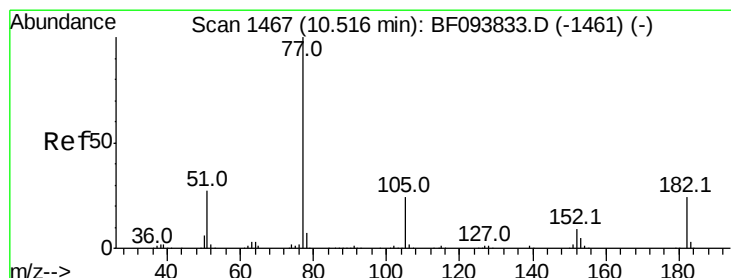
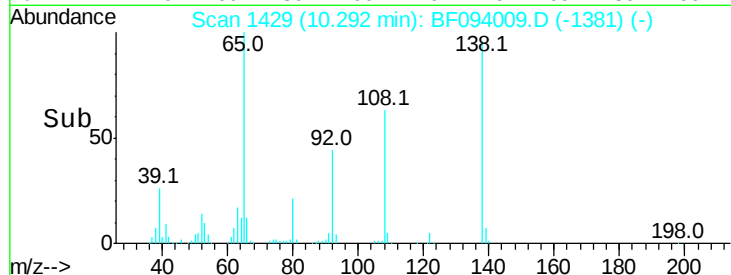
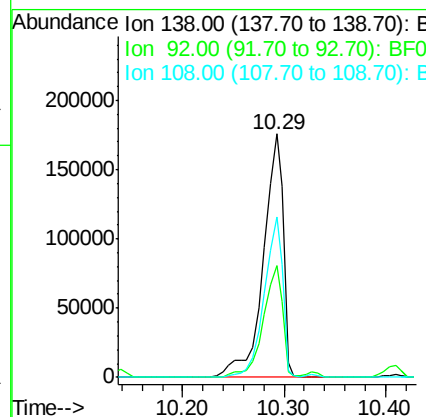
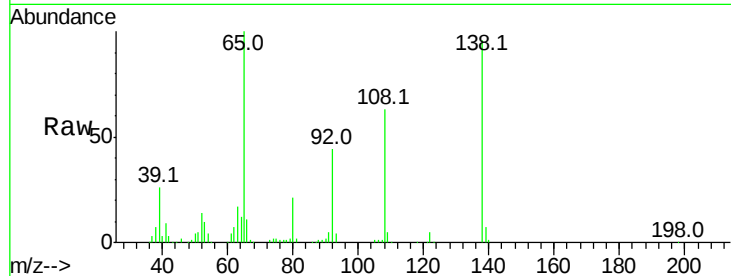
ClientSampleId :

HHD-GW1MS

Tot Ion:	138	Resp:	241040
Ion Ratio	Lower	Upper	
138	100		
92	45.8	21.8	61.8
108	66.1	42.3	82.3

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#62

Azobenzene

Concen: 50.52 ng

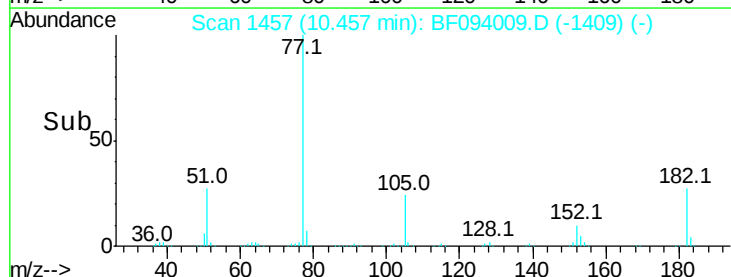
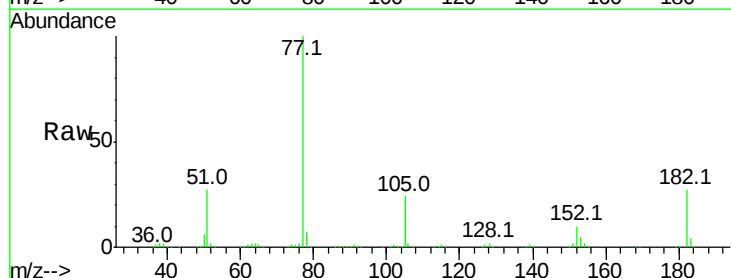
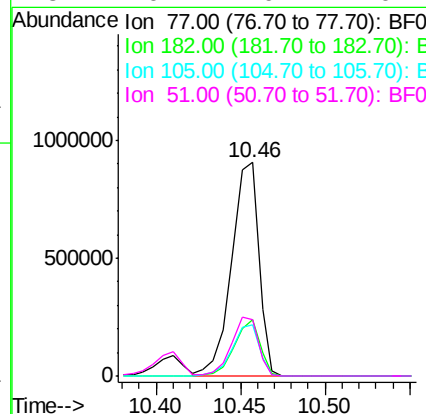
RT: 10.46 min Scan# 1457

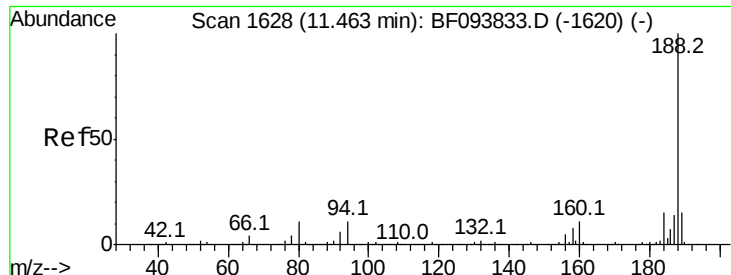
Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	77	Resp:	1016008
Ion Ratio	Lower	Upper	
77	100		
182	26.5	0.1	40.1
105	24.1	3.6	43.6
51	26.7	9.4	49.4





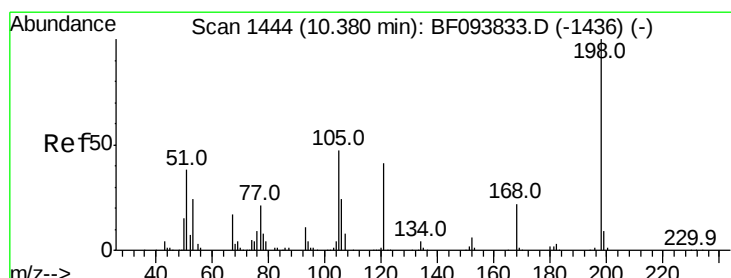
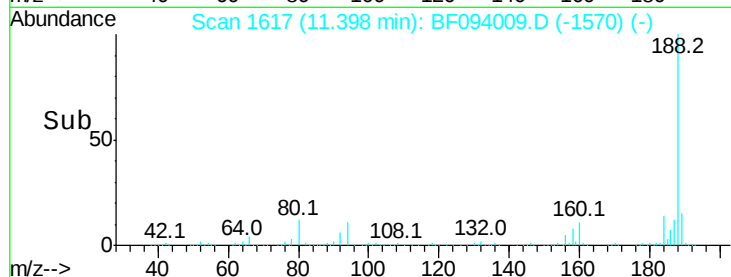
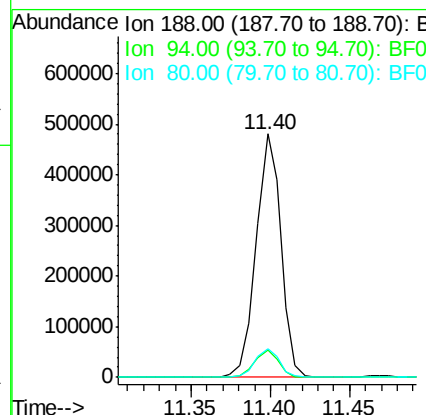
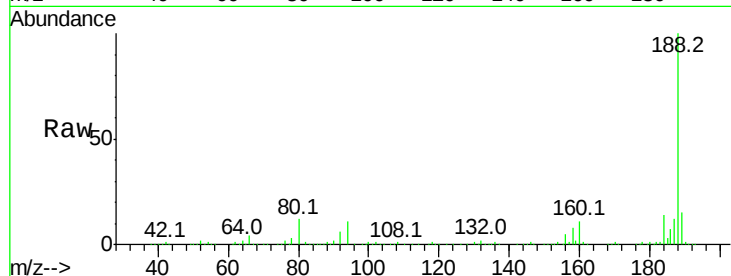
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1		9.4	14.2
80	11.7		10.2	15.2

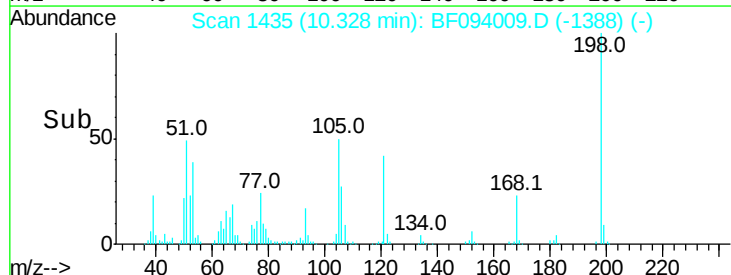
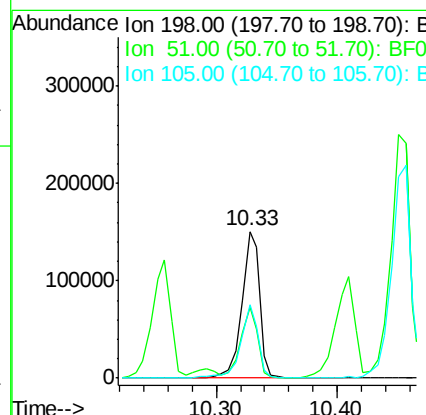
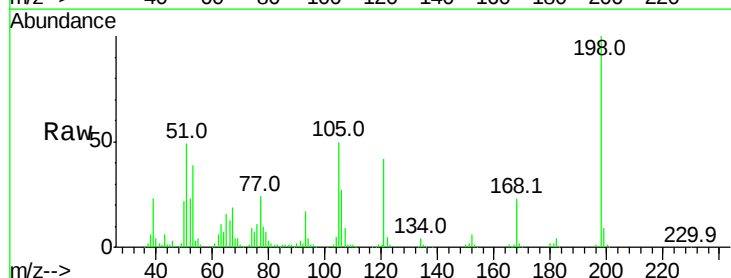
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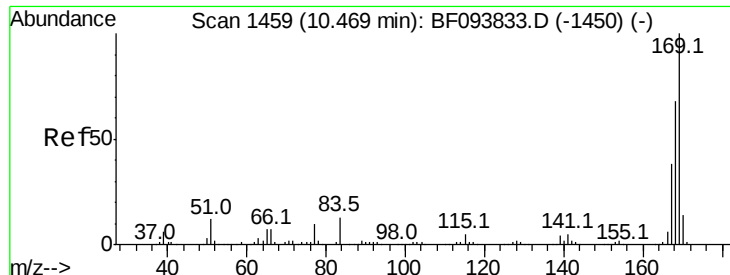
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.56 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.7		53.2	93.2#
105	49.8		45.8	85.8





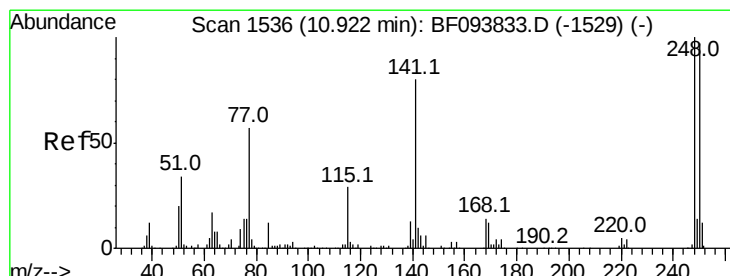
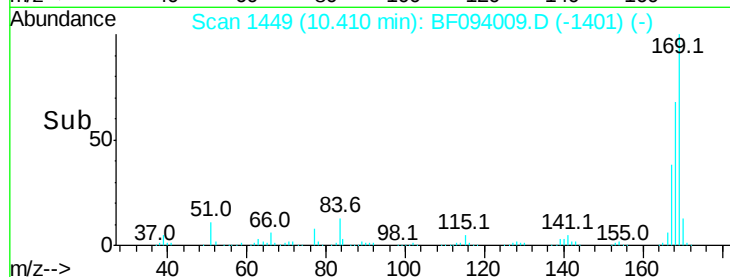
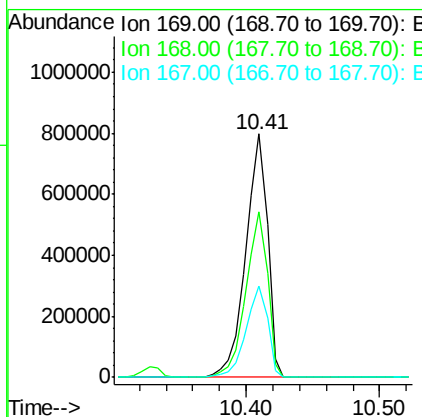
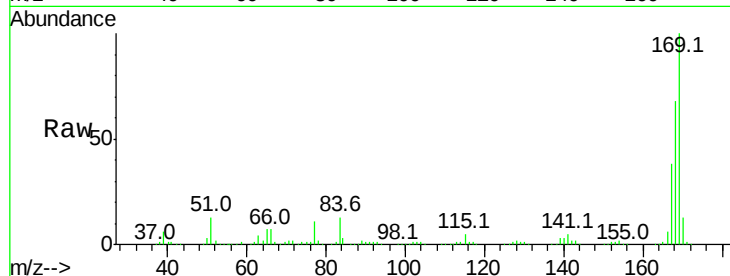
#65
n-Nitrosodiphenylamine
Concen: 49.35 ng
RT: 10.41 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	889967		
168	68.1	53.2	79.8	
167	37.7	29.5	44.3	

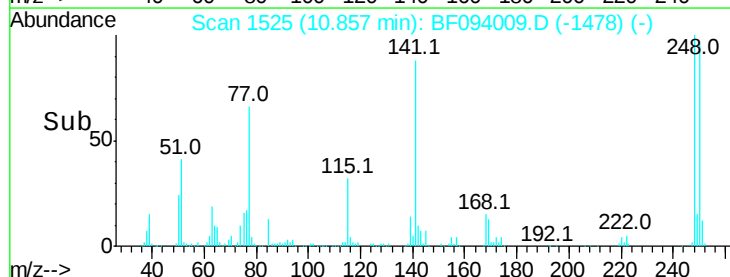
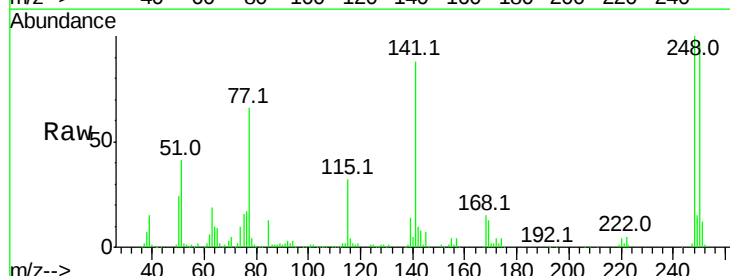
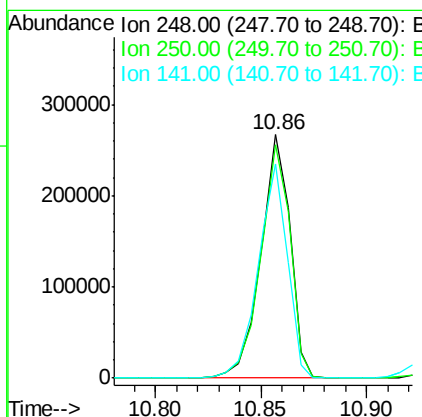
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#66
4-Bromophenyl-phenylether
Concen: 50.28 ng
RT: 10.86 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	257893		
250	95.9	76.8	115.2	
141	88.0	68.6	103.0	





#67

Hexachlorobenzene

Concen: 50.70 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

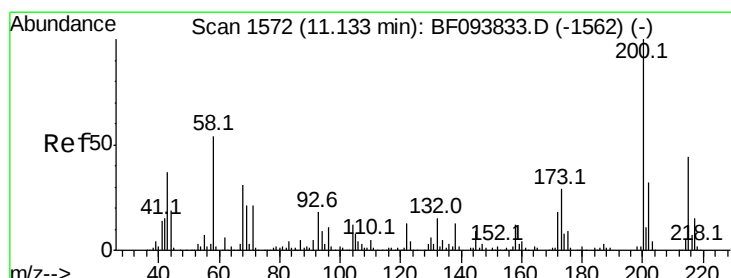
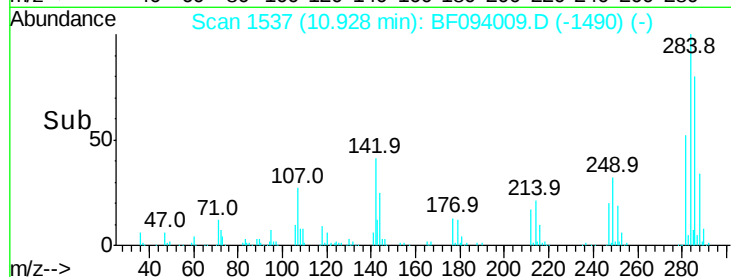
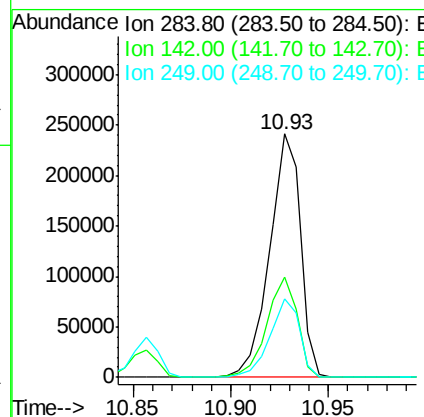
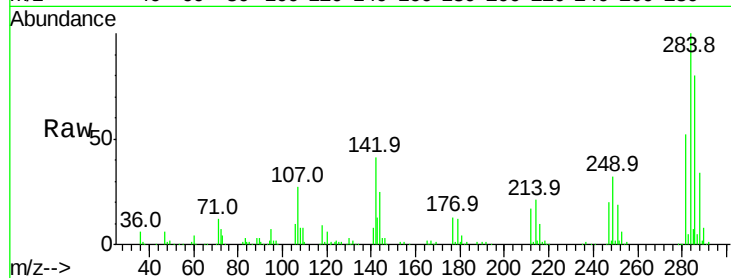
ClientSampleId :

HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	263207		
142	41.2	22.8	34.2#	
249	32.3	24.0	36.0	

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#68

Atrazine

Concen: 44.66 ng

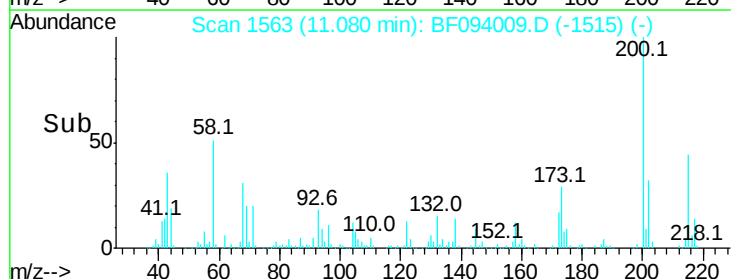
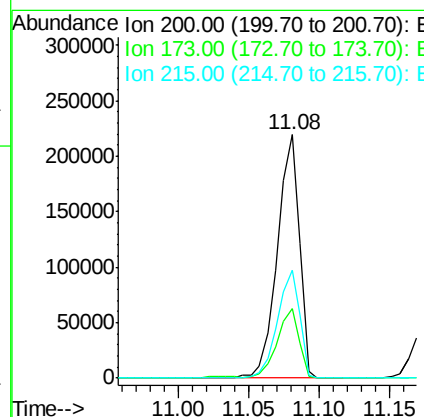
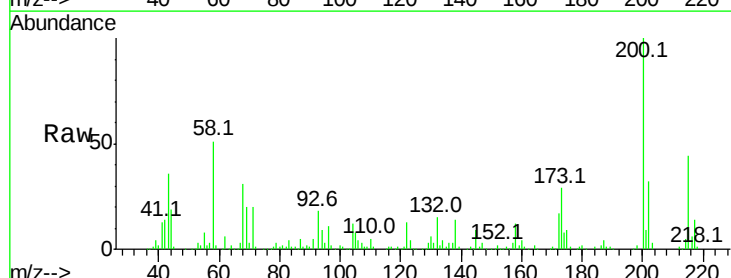
RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	241218		
173	28.6	6.3	46.3	
215	44.2	27.2	67.2	





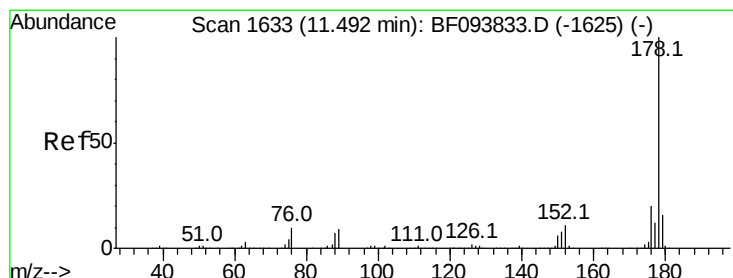
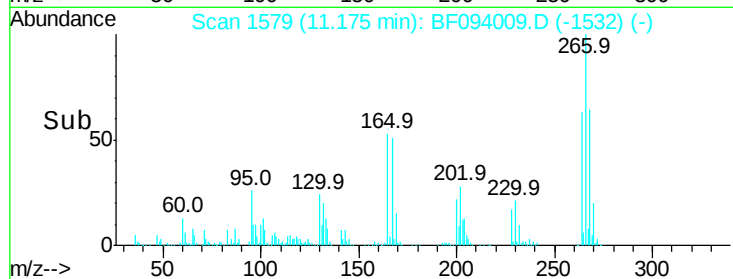
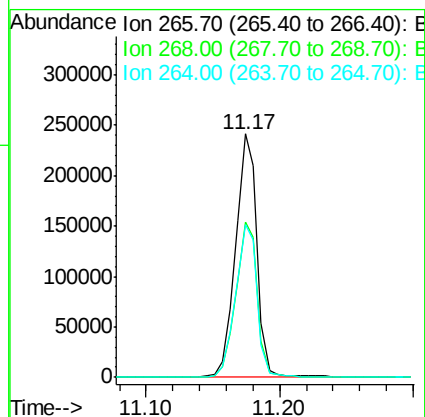
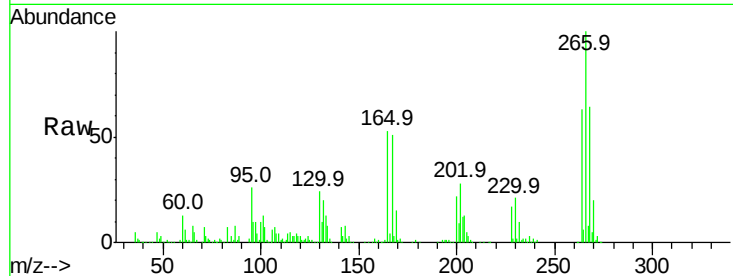
#69
 Pentachlorophenol
 Concen: 84.13 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion:	266	Resp:	271853
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.1	76.7
264	62.6	51.7	77.5

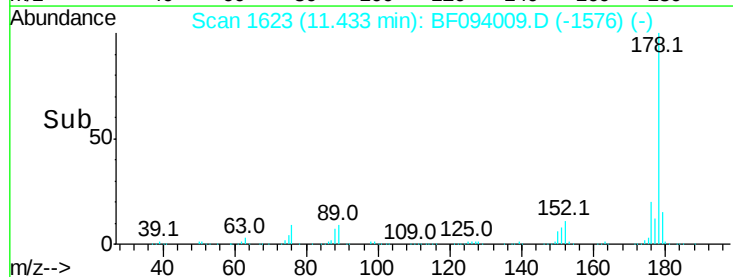
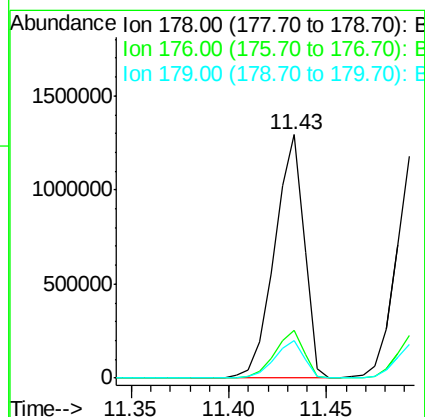
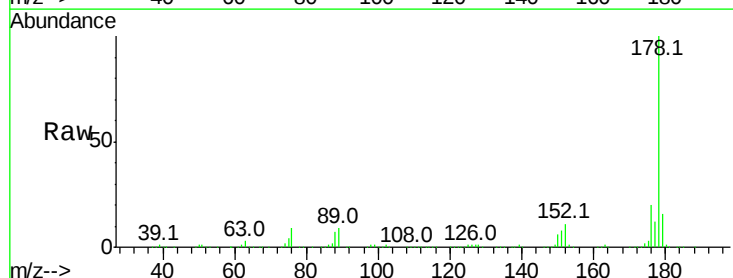
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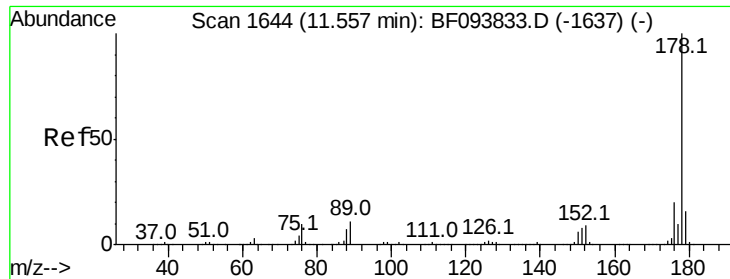
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#70
 Phenanthrene
 Concen: 46.81 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:	178	Resp:	1357789
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.2	24.4
179	15.5	12.6	19.0





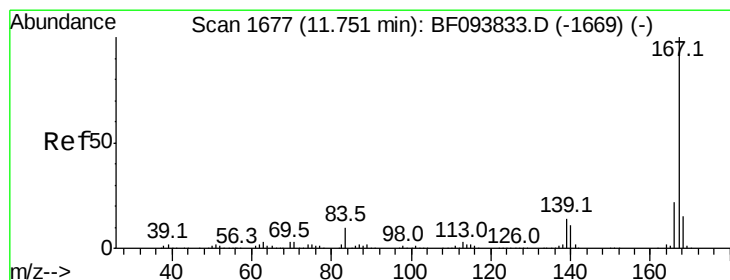
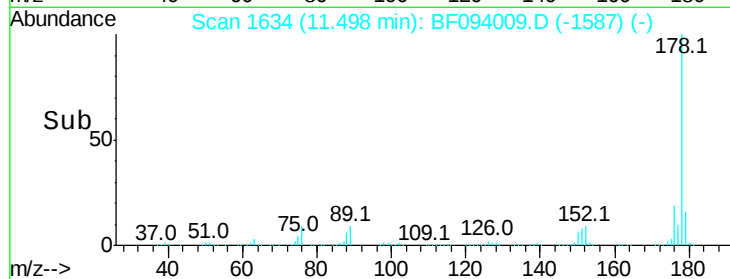
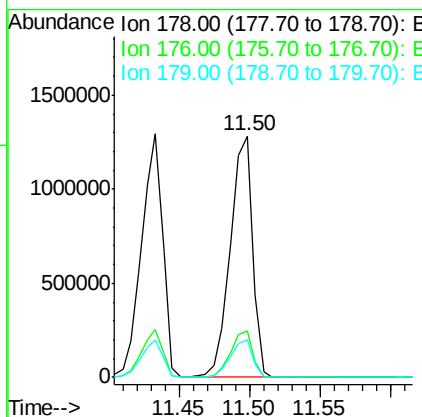
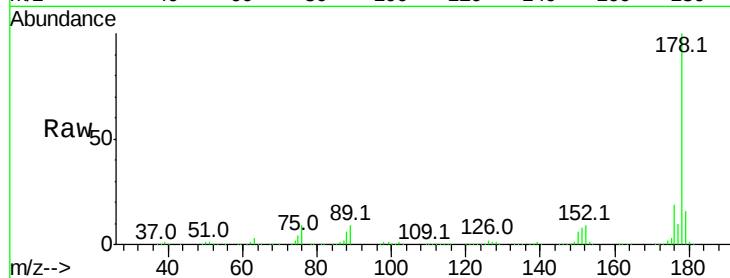
#71
 Anthracene
 Concen: 47.12 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion:178 Resp: 1407524
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1

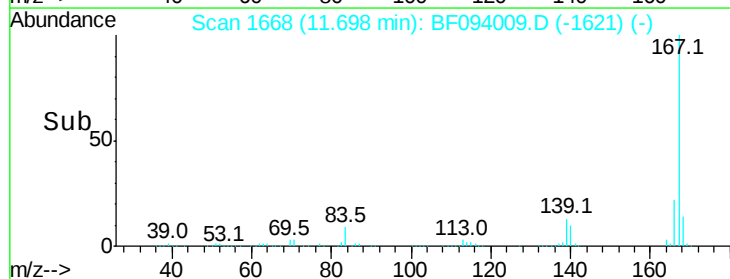
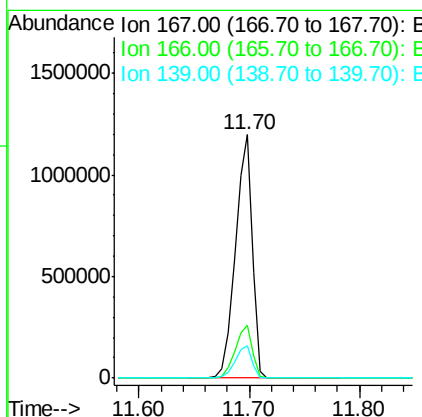
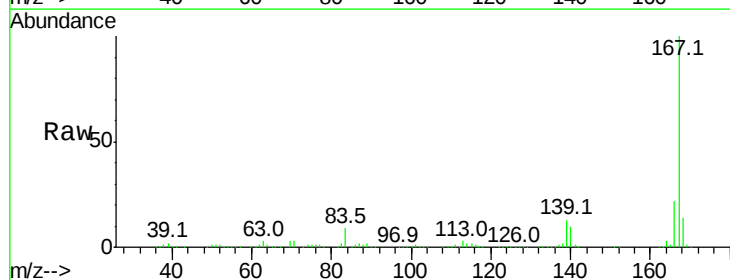
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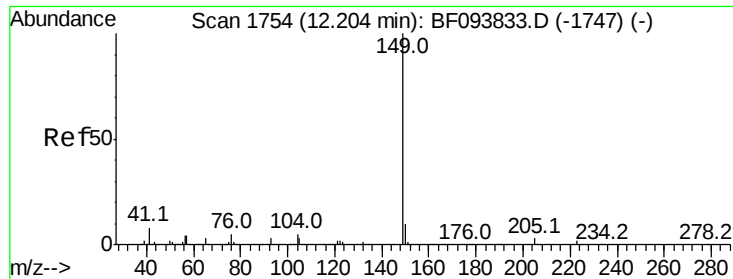
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#72
 Carbazole
 Concen: 41.85 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion:167 Resp: 1281807
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.77 ng

RT: 12.15 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

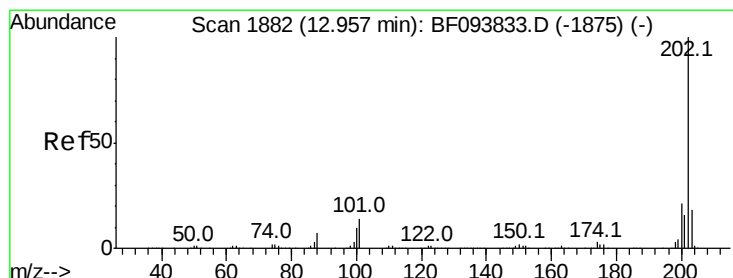
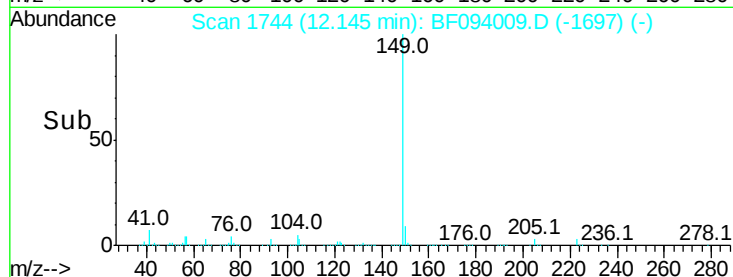
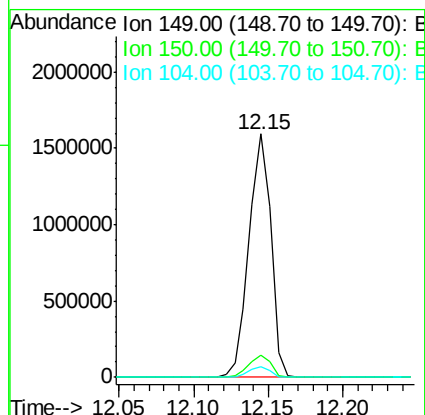
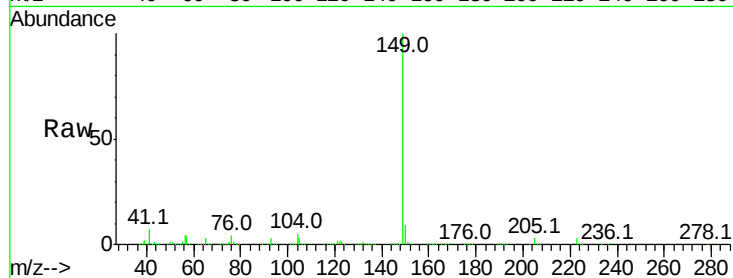
ClientSampleId :

HHD-GW1MS

Tot Ion:	149	Resp:	1617221
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 44.92 ng

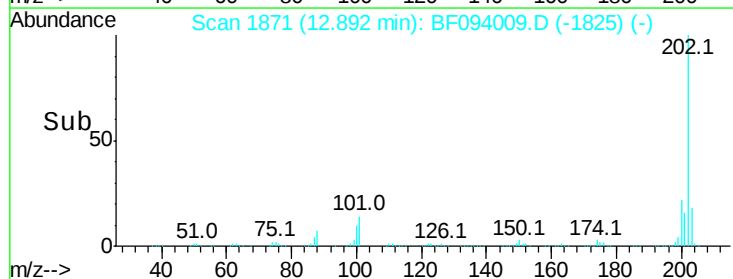
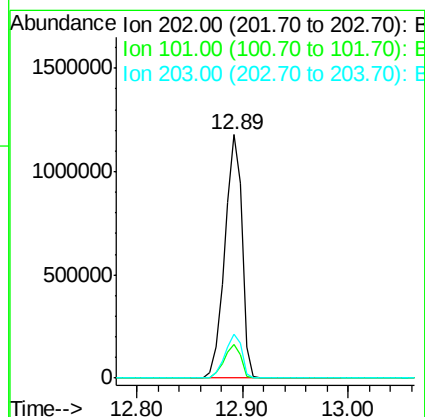
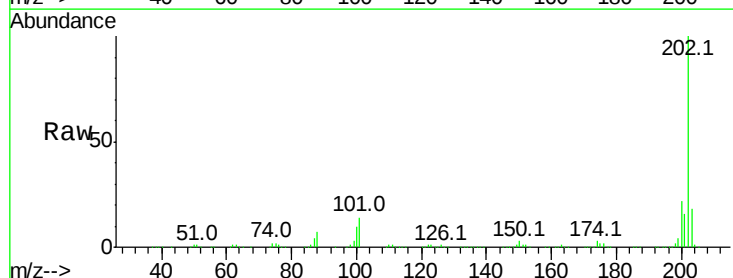
RT: 12.89 min Scan# 1871

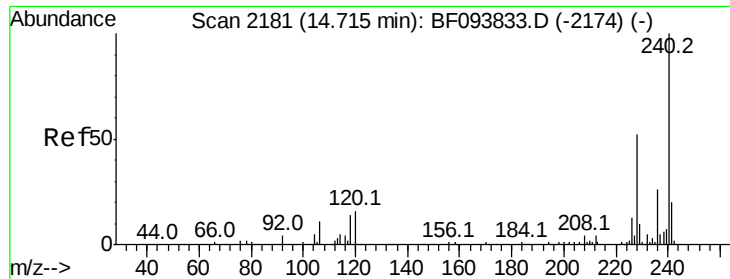
Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	202	Resp:	1334339
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

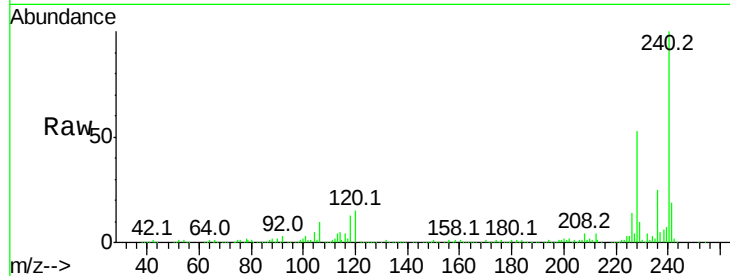
ClientSampled :

HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.3	20.5	30.7

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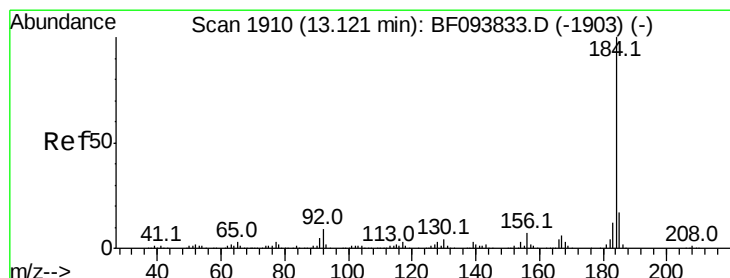
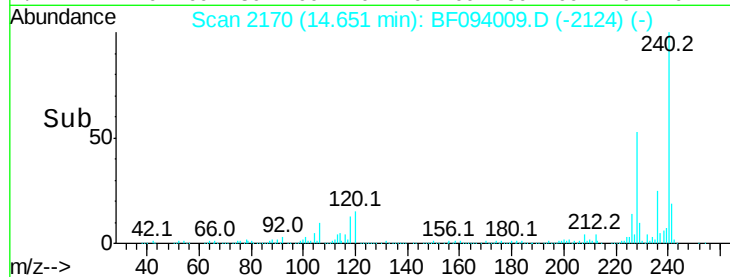
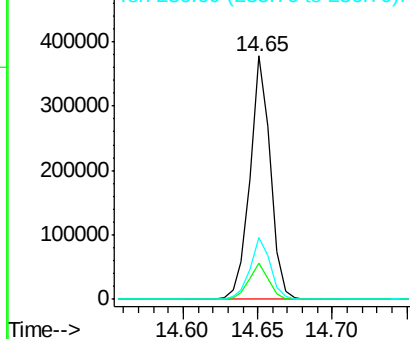
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.38 ng

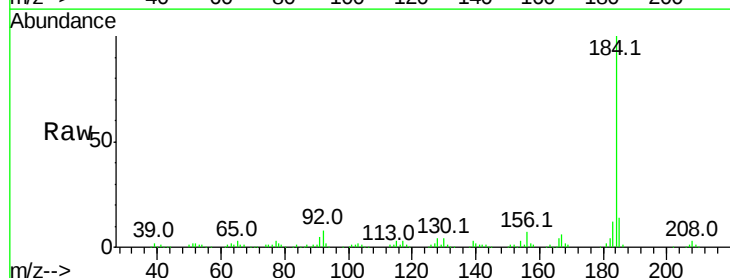
RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

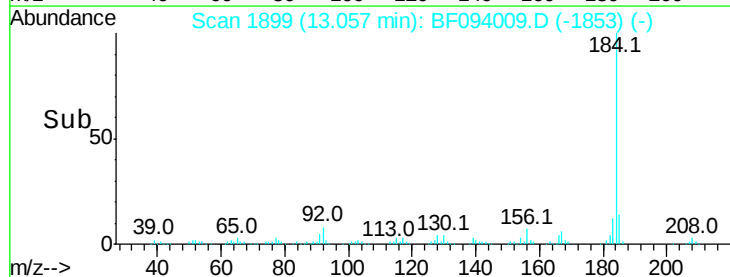
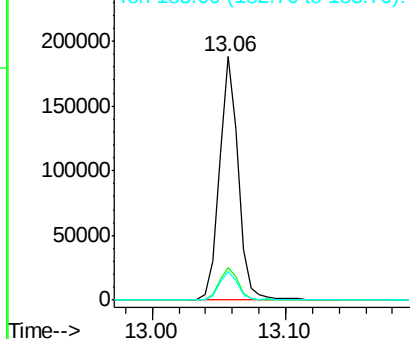
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	15.5	23.3#
183	11.8	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





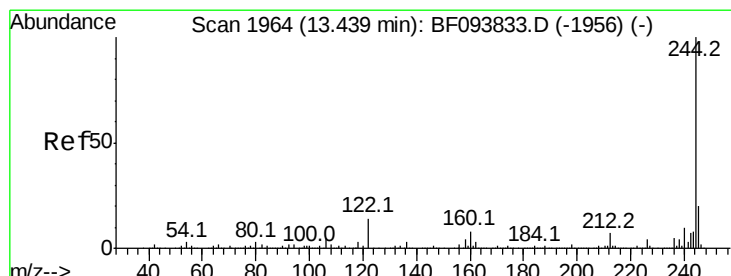
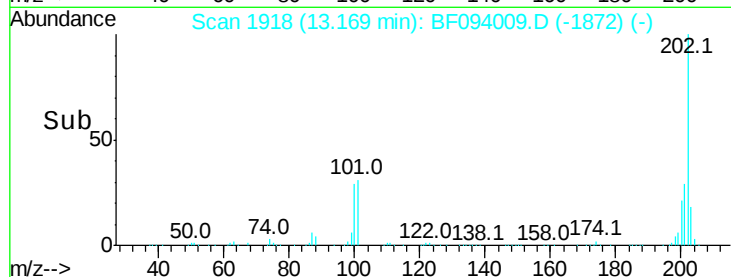
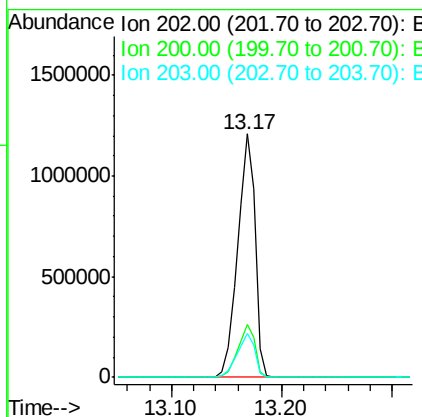
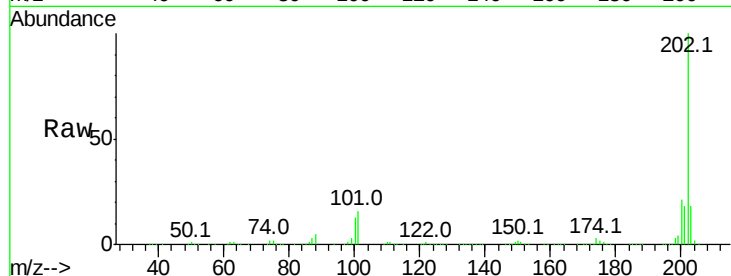
#77
Pvrene
Concen: 52.24 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.0	14.4	21.6

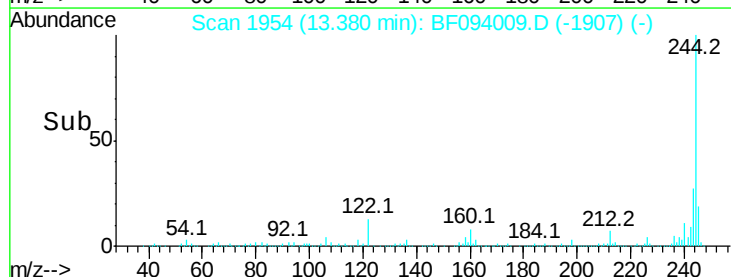
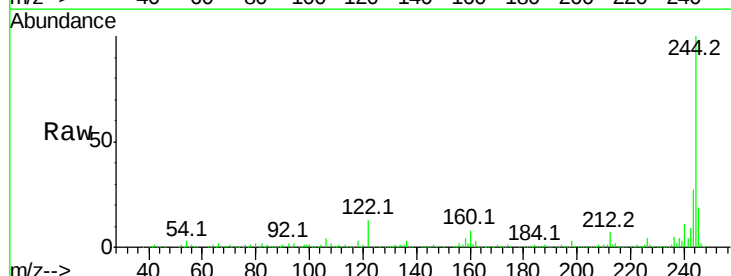
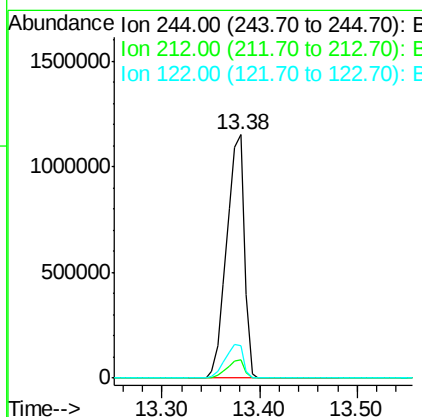
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#78
Terphenyl-d14
Concen: 92.07 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.1	10.3	15.5





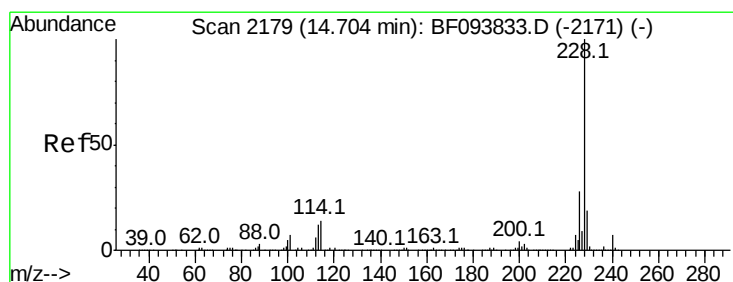
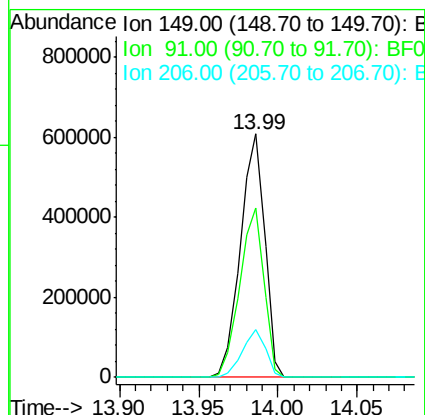
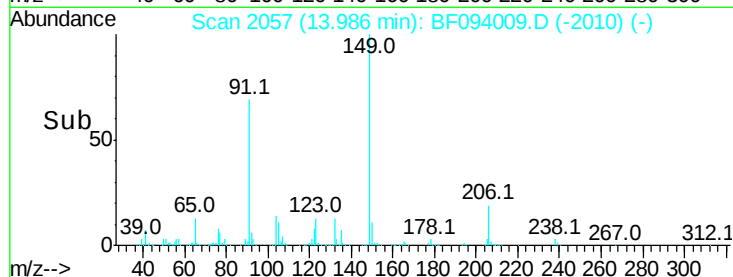
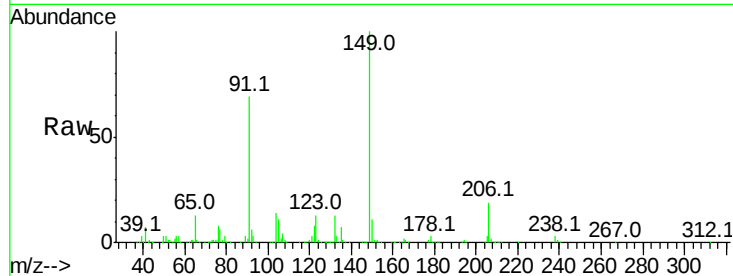
#79
Butylbenzylphthalate
Concen: 59.04 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	645290		
91	69.4	45.0	67.4#	
206	19.4	17.0	25.6	

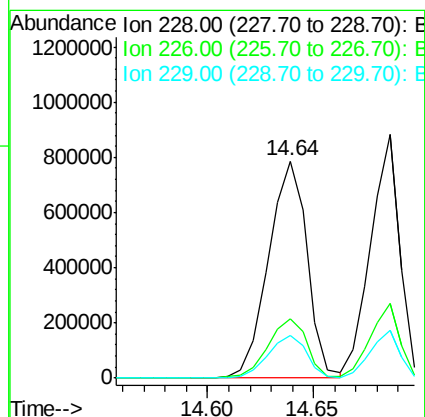
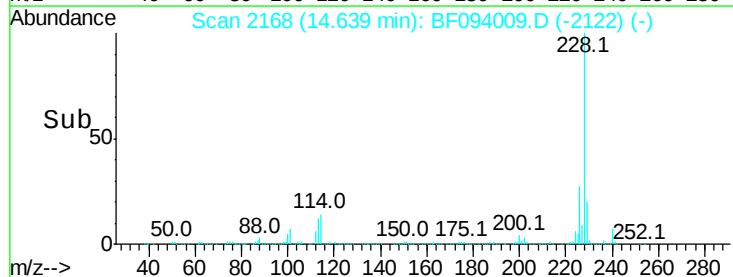
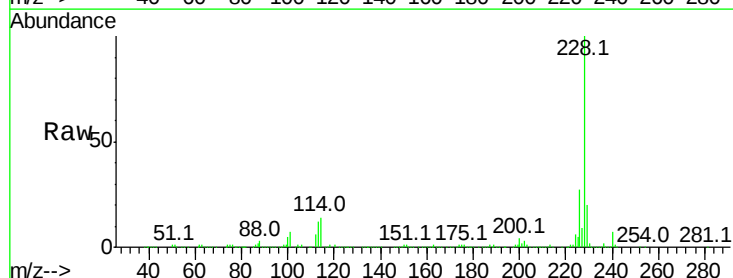
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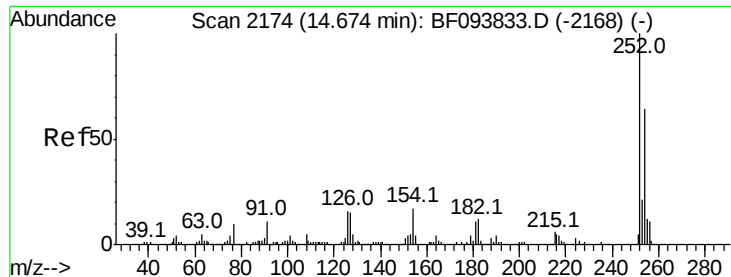
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#80
Benzo(a)anthracene
Concen: 48.45 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	998694		
226	27.4	22.6	33.8	
229	19.8	16.3	24.5	





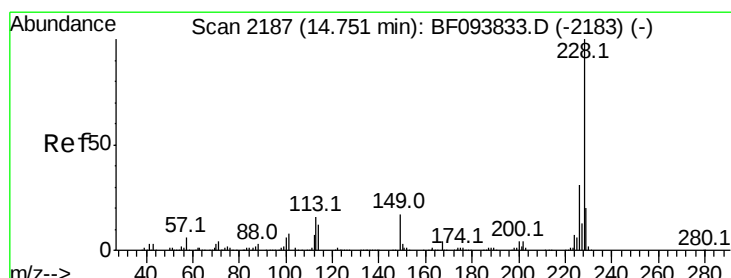
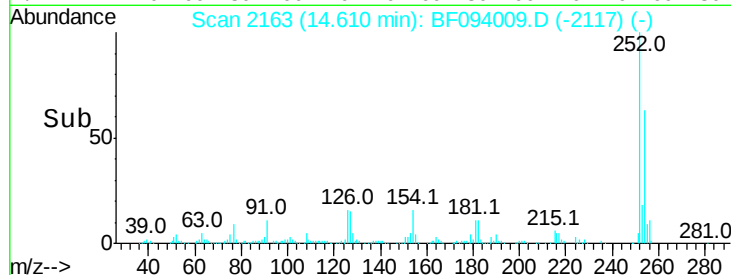
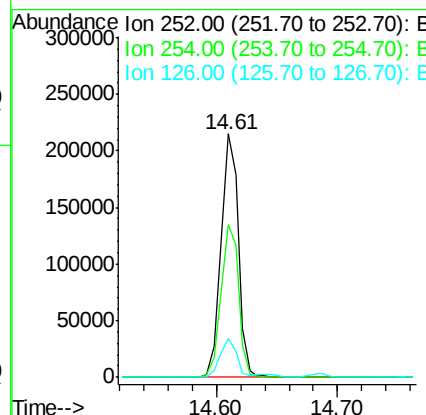
#81
 3,3'-Dichlorobenzidine
 Concen: 28.39 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	16.0	15.8	23.8

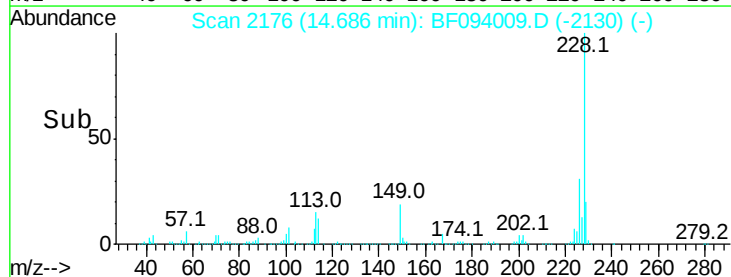
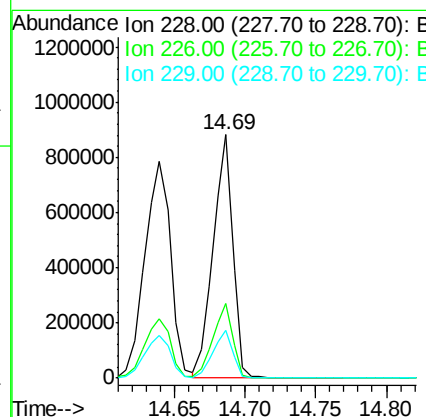
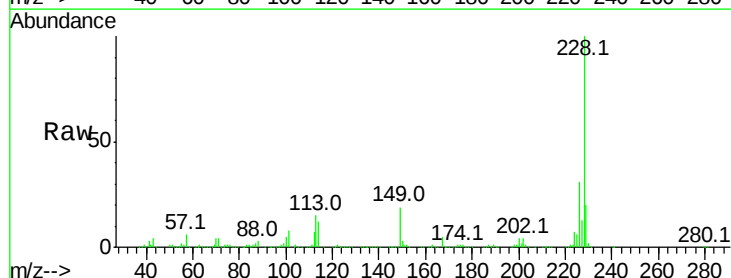
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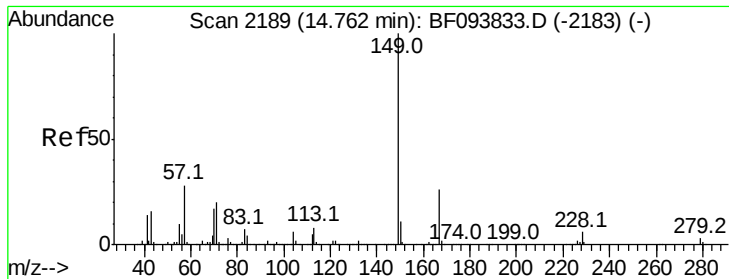
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#82
 Chrysene
 Concen: 44.76 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.8	15.8	23.6





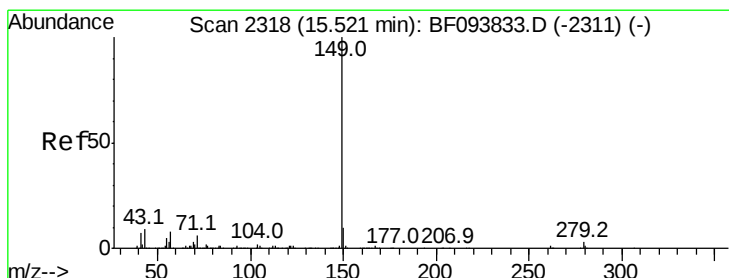
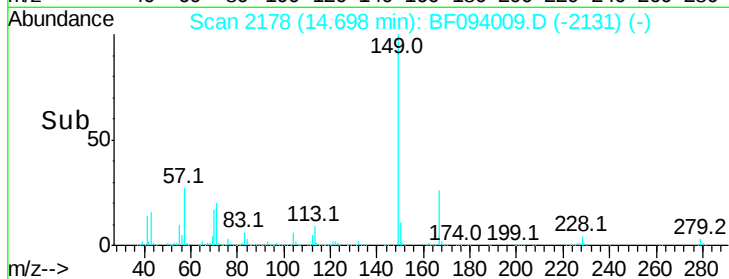
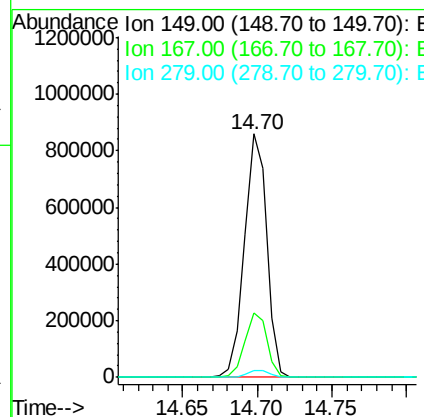
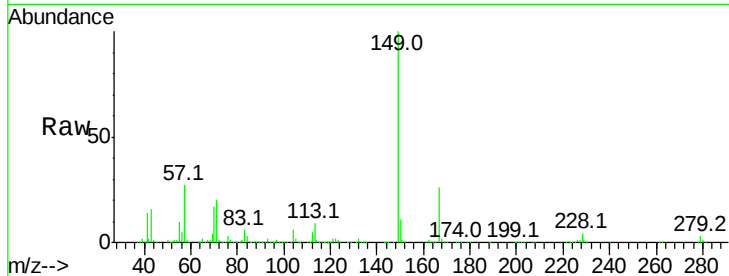
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.12 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	896440		
167	26.3		21.0	31.4
279	2.7		1.9	2.9

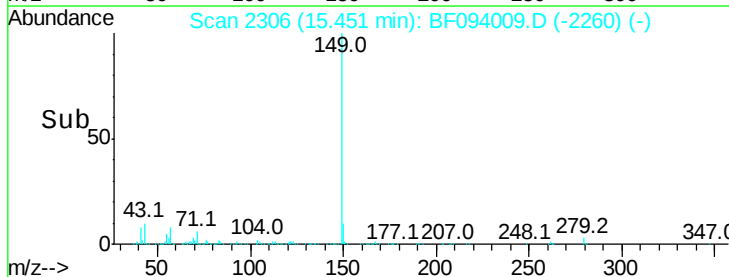
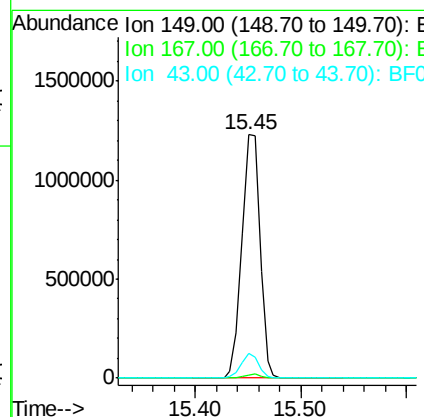
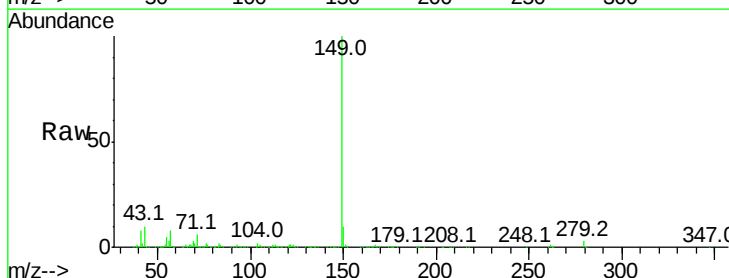
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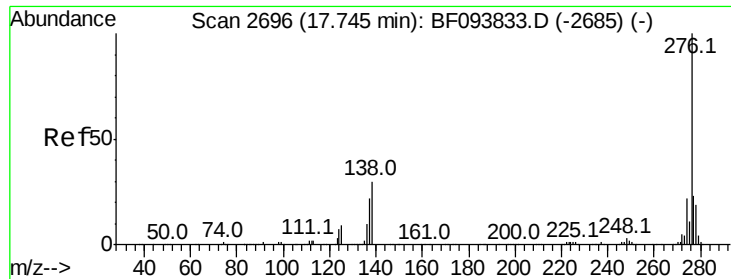
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#84
 Di-n-octyl phthalate
 Concen: 58.43 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.03 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1455470		
167	1.5		1.2	1.8
43	9.5		8.5	12.7





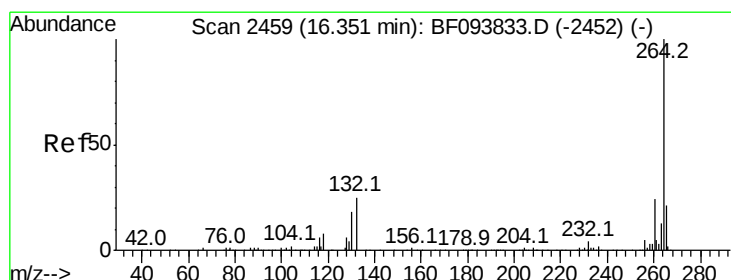
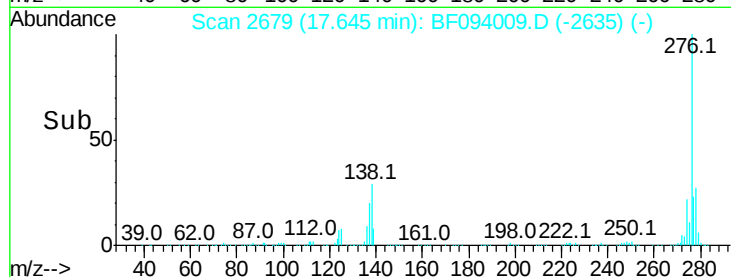
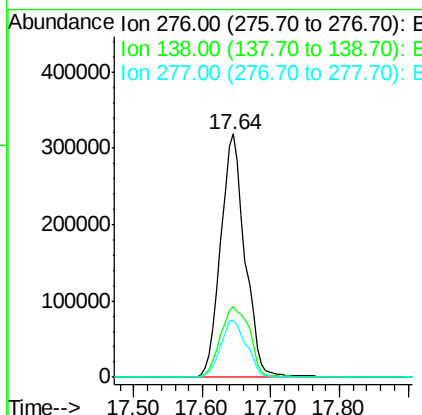
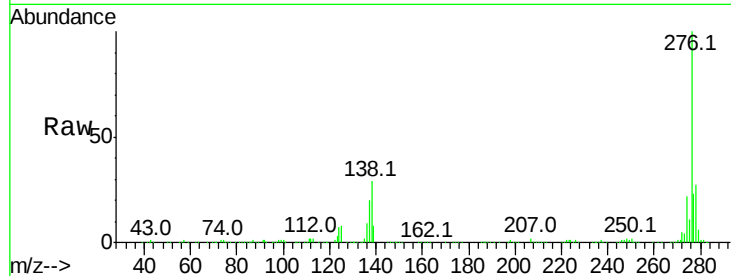
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.44 ng
RT: 17.64 min Scan# 2679
Delta R.T. -0.04 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.1	20.2	30.4

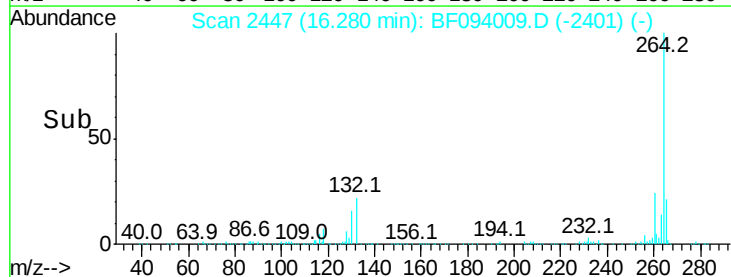
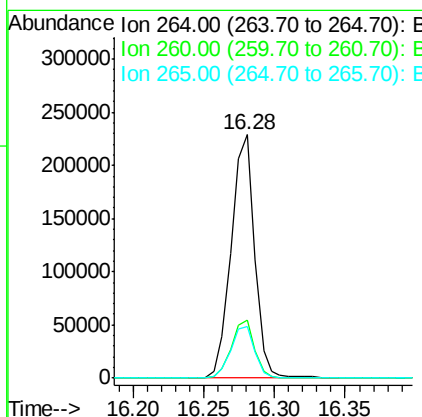
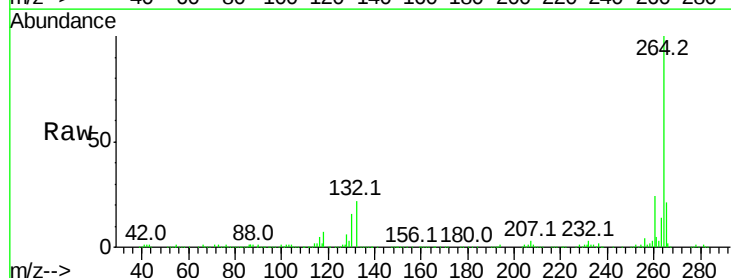
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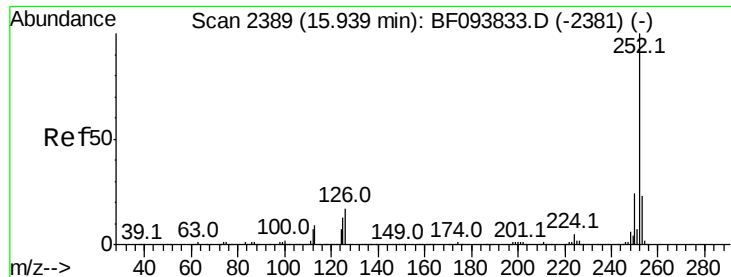
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.70 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Instrument :

BNA_F

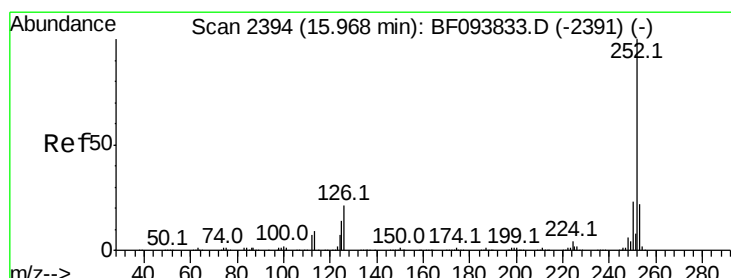
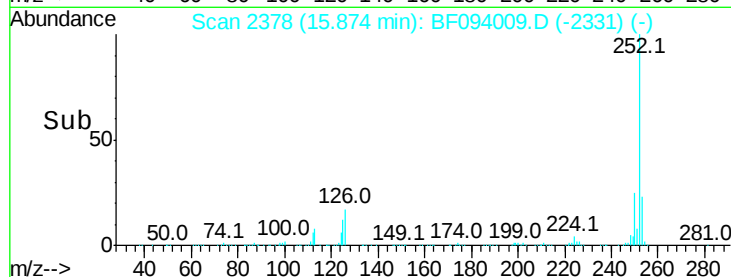
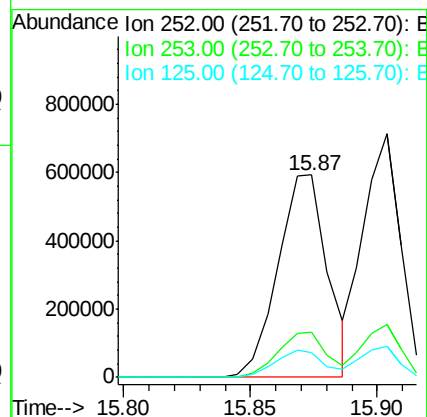
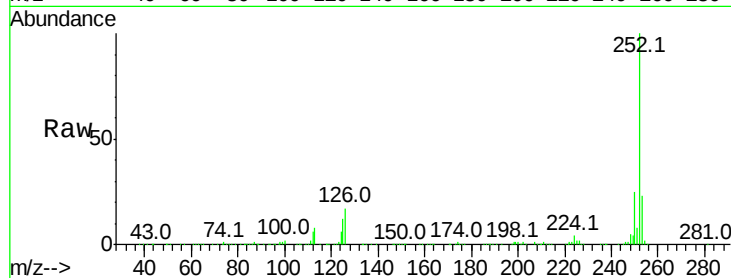
ClientSampleId :

HHD-GW1MS

Tot Ion:	252	Resp:	808471
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	12.2	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.90 ng

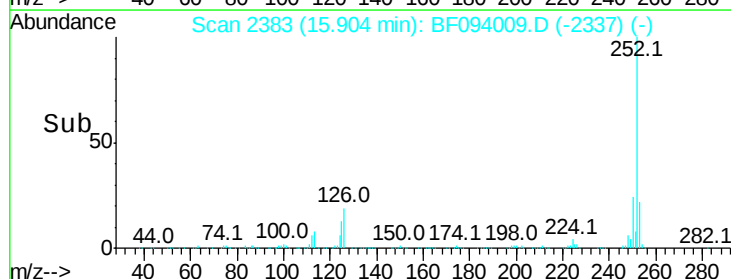
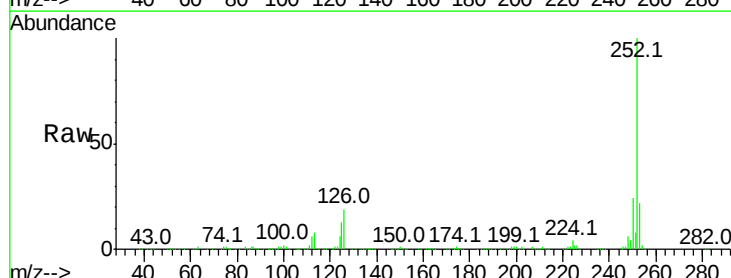
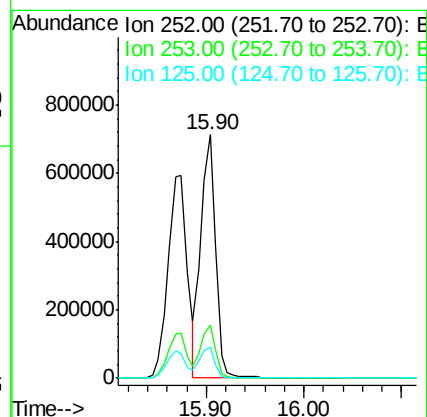
RT: 15.90 min Scan# 2383

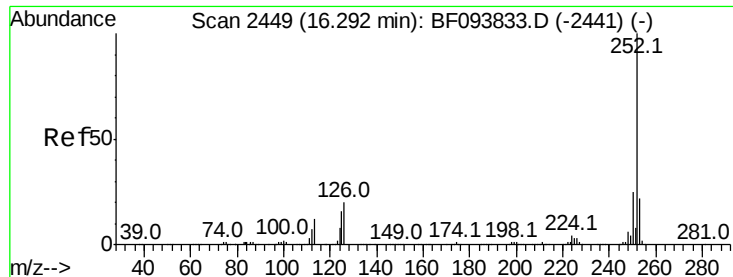
Delta R.T. -0.03 min

Lab File: BF094009.D

Acq: 28 Mar 2017 22:54

Tgt Ion:	252	Resp:	746486
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	12.7	13.1	19.7#





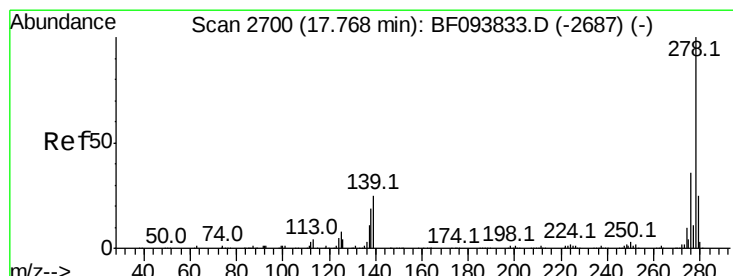
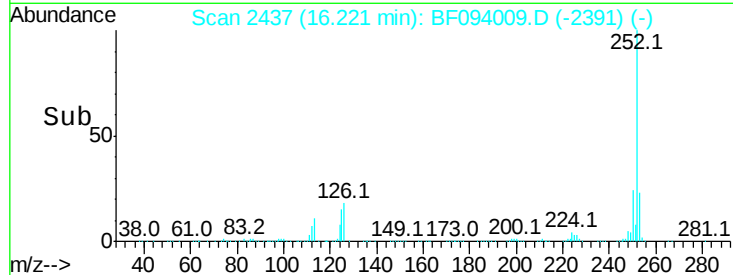
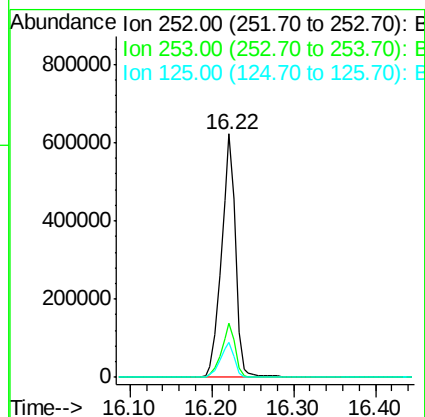
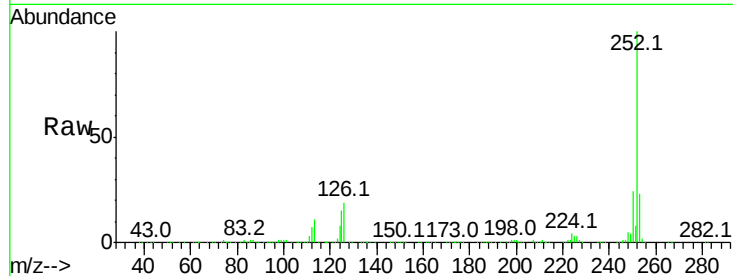
#89
Benzo(a)pyrene
Concen: 49.97 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.6	11.0	16.4

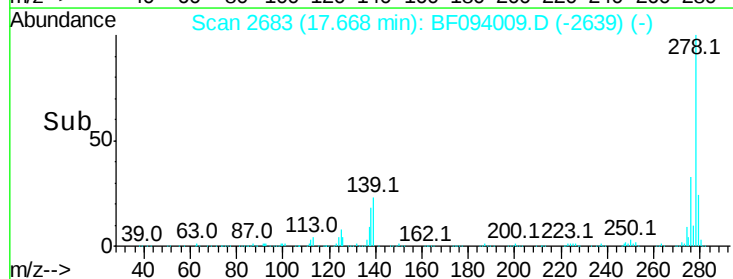
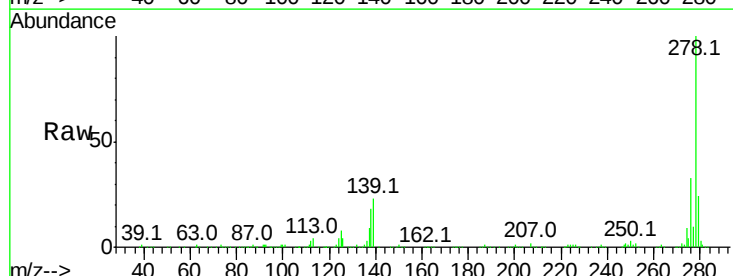
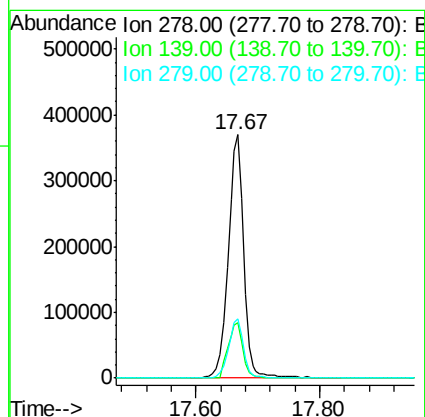
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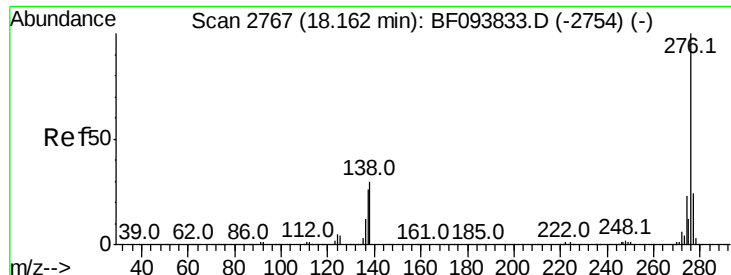
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#90
Dibenzo(a,h)anthracene
Concen: 51.09 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.04 min
Lab File: BF094009.D
Acq: 28 Mar 2017 22:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.6	24.8
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 49.40 ng
 RT: 18.04 min Scan# 2747
 Delta R.T. -0.05 min
 Lab File: BF094009.D
 Acq: 28 Mar 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MS

Tot Ion:	276	Resp:	631603
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	30.4	25.4	38.0

Manual Integrations
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