

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098011.D
 Acq On : 24 Aug 2017 19:34
 Operator : SJ/JU
 Sample : I4925-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Manual Integrations
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 8/25/2017 5:40:10 PM

Quant Time: Aug 25 02:09:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	117604	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	466243	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	200284	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	381777	20.00	ng	0.00
75) Chrysene-d12	13.89	240	253754	20.00	ng	0.00
86) Perylene-d12	15.30	264	236607	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1065367	137.79	ng	0.00
7) Phenol-d6	6.38	99	1463405	139.30	ng	0.00
23) Nitrobenzene-d5	7.31	82	833879	97.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	238995	137.53	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1000213	73.37	ng	-0.01
78) Terphenyl-d14	12.84	244	749553	61.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	172344	39.970	ng	88
3) Pyridine	3.17	79	499799	41.929	ng	86
4) n-Nitrosodimethylamine	3.13	42	204947	44.684	ng	# 75
6) Aniline	6.40	93	565846	38.343	ng	99
8) 2-Chlorophenol	6.53	128	387087	47.473	ng	97
9) Benzaldehyde	6.29	77	223718	33.622	ng	89
10) Phenol	6.40	94	603580	49.127	ng	91
11) bis(2-Chloroethyl)ether	6.48	93	425374	45.871	ng	97
12) 1,3-Dichlorobenzene	6.68	146	374909	42.746	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	383680	43.013	ng	# 94
14) 1,2-Dichlorobenzene	6.91	146	355095	43.173	ng	98
15) Benzyl Alcohol	6.89	79	379493	48.251	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	543888	43.592	ng	91
17) 2-Methylphenol	7.00	107	357511	49.754	ng	96
18) Hexachloroethane	7.25	117	150116	42.924	ng	# 81
19) n-Nitroso-di-n-propylamine	7.16	70	304372	42.325	ng	90
20) 3+4-Methylphenols	7.16	107	419186	47.763	ng	96
22) Acetophenone	7.15	105	542154	44.017	ng	# 93
24) Nitrobenzene	7.33	77	488953	51.166	ng	95
25) Isophorone	7.57	82	858000	48.077	ng	98
26) 2-Nitrophenol	7.64	139	197783	56.128	ng	# 76
27) 2,4-Dimethylphenol	7.68	122	353904	47.550	ng	91
28) bis(2-Chloroethoxy)methane	7.78	93	536550	45.731	ng	98
29) 2,4-Dichlorophenol	7.88	162	301434	48.789	ng	91
30) 1,2,4-Trichlorobenzene	7.96	180	302256	44.131	ng	98
31) Naphthalene	8.05	128	1073813	44.363	ng	100
32) Benzoic acid	7.75	122	14427	8.710	ng	94
33) 4-Chloroaniline	8.09	127	347692	34.060	ng	98
34) Hexachlorobutadiene	8.16	225	167306	41.838	ng	97
35) Caprolactam	8.47	113	103553m	49.302	ng	
36) 4-Chloro-3-methylphenol	8.58	107	372341	46.907	ng	# 79
37) 2-Methylnaphthalene	8.73	142	688067	46.366	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	270612	44.026	ng	# 98
40) Hexachlorocyclopentadiene	8.89	237	224299	75.959	ng	99

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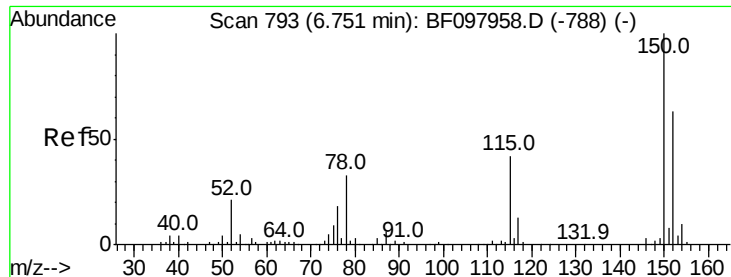
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	205622	49.827	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	206446	50.427	nq	96
45) 1,1'-Biphenyl	9.20	154	788234	43.158	nq	96
46) 2-Chloronaphthalene	9.22	162	594295	44.039	nq	# 91
47) 2-Nitroaniline	9.32	65	253152	55.957	nq	95
48) Acenaphthylene	9.64	152	977553	46.129	nq	99
49) Dimethylphthalate	9.51	163	919262	62.790	nq	99
50) 2,6-Dinitrotoluene	9.57	165	153097	52.389	nq	# 69
51) Acenaphthene	9.81	154	582446	43.579	nq	99
52) 3-Nitroaniline	9.73	138	155666	41.287	nq	89
53) 2,4-Dinitrophenol	9.83	184	19925	22.658	nq	# 73
54) Dibenzofuran	9.98	168	850443	47.477	nq	99
55) 4-Nitrophenol	9.90	139	286438	95.236	nq	# 46
56) 2,4-Dinitrotoluene	9.97	165	201945	55.065	nq	# 53
57) Fluorene	10.33	166	623418	45.015	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	166055	52.388	nq	96
59) Diethylphthalate	10.20	149	694495	45.363	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	283314	44.035	nq	89
61) 4-Nitroaniline	10.35	138	179920	50.208	nq	# 70
62) Azobenzene	10.47	77	843490	46.382	nq	92
64) 4,6-Dinitro-2-methylphenol	10.37	198	43851	28.470	nq	# 78
65) n-Nitrosodiphenylamine	10.44	169	587135	45.162	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	177507	44.774	nq	99
67) Hexachlorobenzene	10.87	284	172283	42.635	nq	# 87
68) Atrazine	10.97	200	165827	48.097	nq	99
69) Pentachlorophenol	11.06	266	187869	79.739	nq	99
70) Phenanthrene	11.29	178	939119	46.162	nq	99
71) Anthracene	11.33	178	946689	45.880	nq	100
72) Carbazole	11.49	167	914128	46.672	nq	98
73) Di-n-butylphthalate	11.82	149	1041602	46.169	nq	99
74) Fluoranthene	12.47	202	959810	45.201	nq	99
76) Benzidine	12.59	184	478672	57.533	nq	# 92
77) Pyrene	12.70	202	975236	46.990	nq	99
79) Butylbenzylphthalate	13.32	149	424440	53.340	nq	# 70
80) Benzo(a)anthracene	13.88	228	661590	43.501	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	228626	44.549	nq	# 97
82) Chrysene	13.92	228	661662	43.735	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	487263	55.261	nq	# 100
84) Di-n-octyl phthalate	14.49	149	861433	56.149	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	667951	60.017	nq	94
87) Benzo(b)fluoranthene	14.90	252	645547	43.284	nq	98
88) Benzo(k)fluoranthene	14.93	252	590366	42.133	nq	# 93
89) Benzo(a)pyrene	15.25	252	611143	46.288	nq	97
90) Dibenzo(a,h)anthracene	16.70	278	540161	50.253	nq	99
91) Benzo(g,h,i)perylene	17.10	276	556474	49.616	nq	93

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



#1

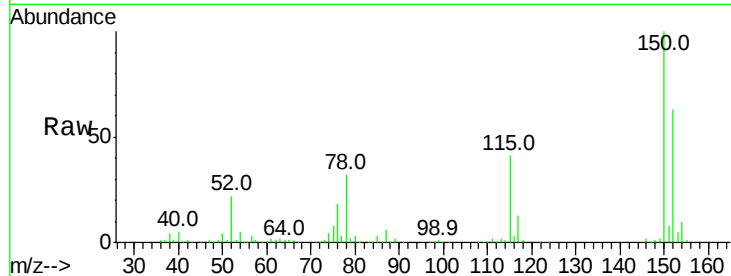
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

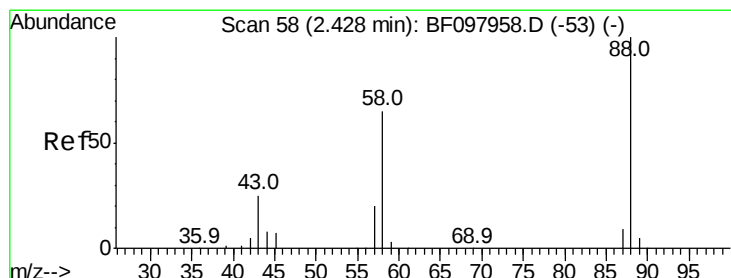
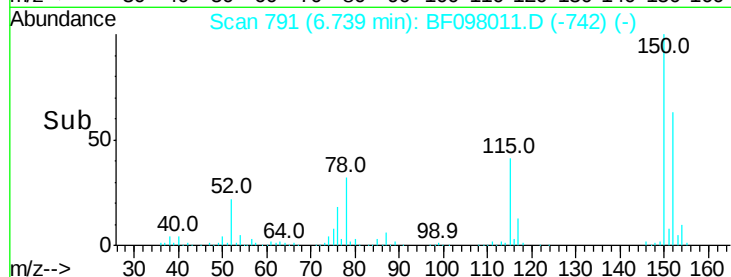
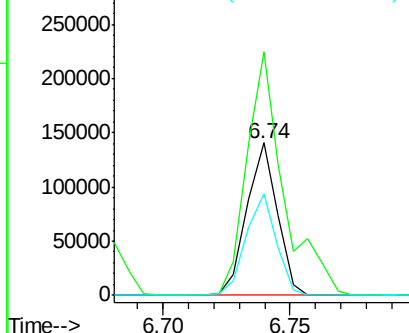
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	66.3	52.2	78.2

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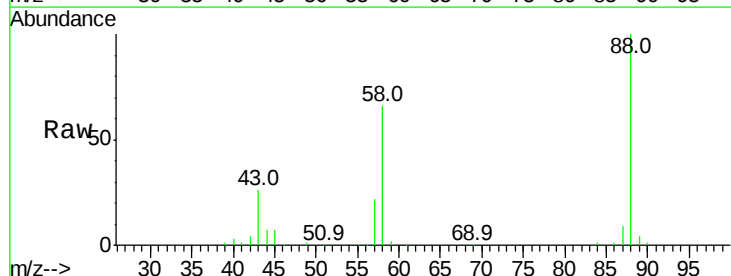
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



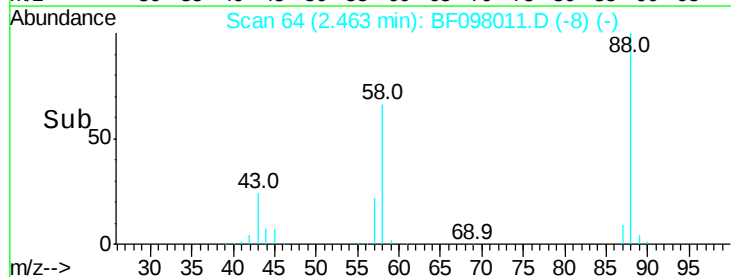
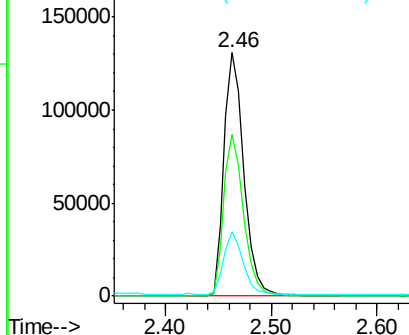
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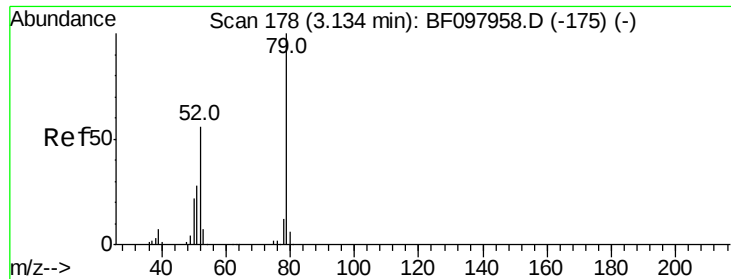
1,4-Dioxane
Concen: 39.970 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.03 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	61.4	92.0
43	25.0	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: 41.929 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.04 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

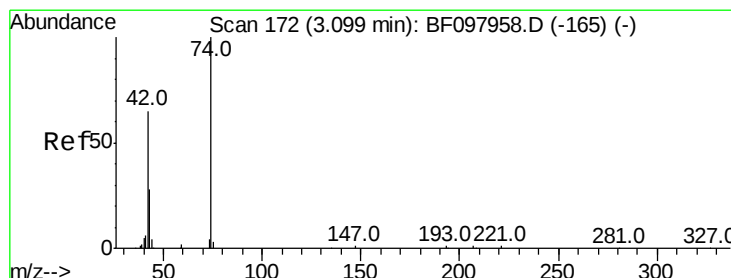
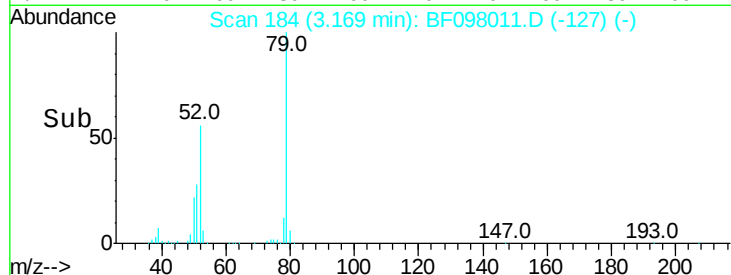
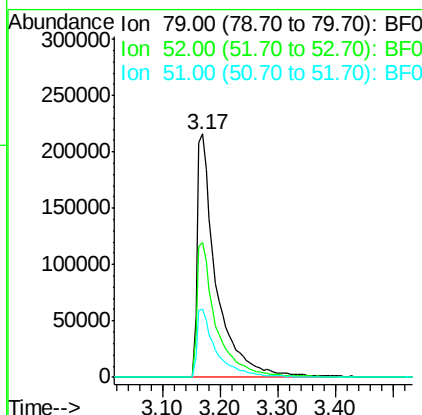
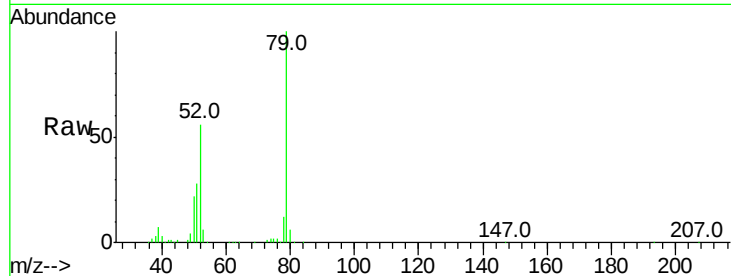
ClientSampleId :

RWB-1MSD

Tot Ion:	79	Resp:	499799
Ion Ratio	Lower	Upper	
79	100		
52	55.6	54.8	82.2
51	28.1	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.684 ng

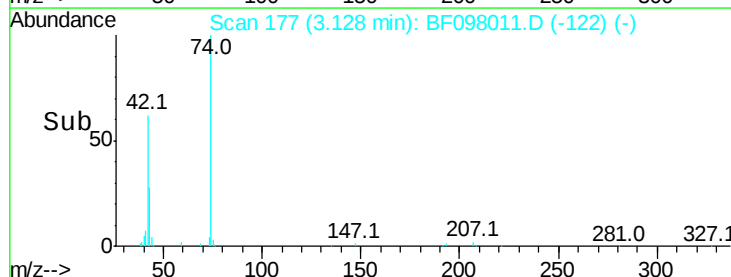
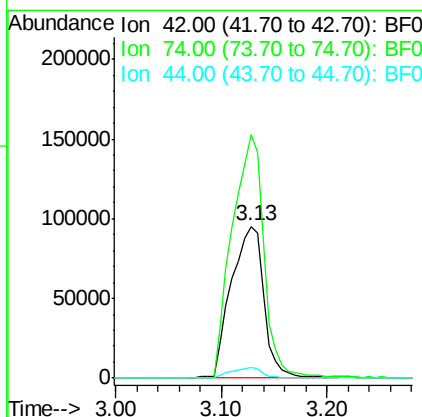
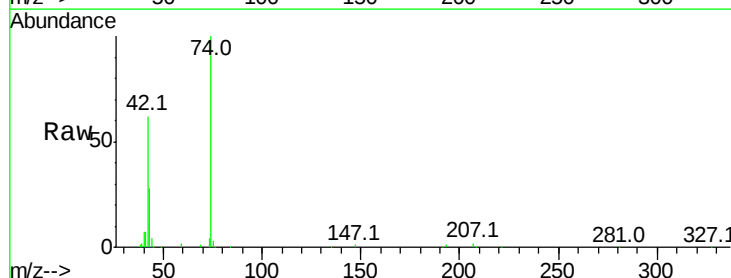
RT: 3.13 min Scan# 177

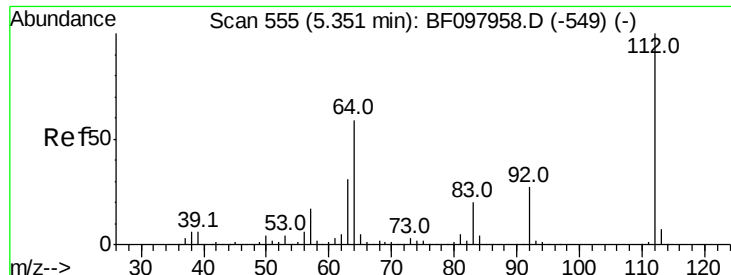
Delta R.T. 0.02 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion:	42	Resp:	204947
Ion Ratio	Lower	Upper	
42	100		
74	160.7	103.9	155.9#
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 137.793 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

ClientSampleId :

RWB-1MSD

Tot Ion:112 Resp: 1065367

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

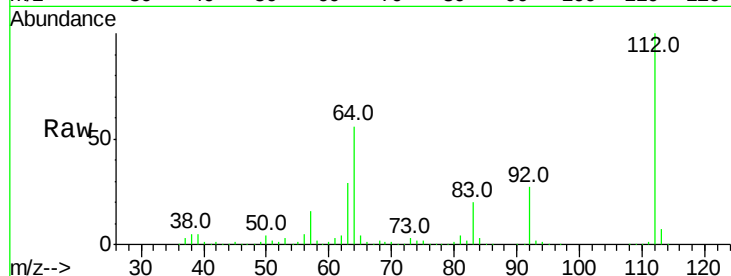
63 28.9 23.4 35.0

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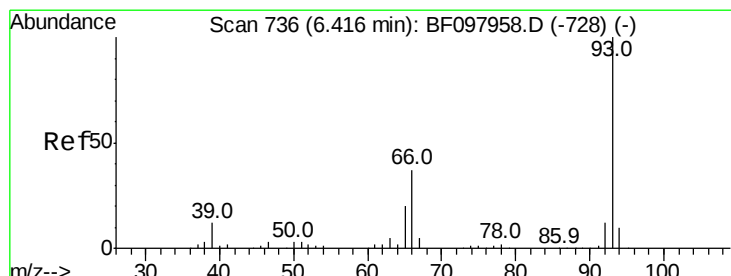
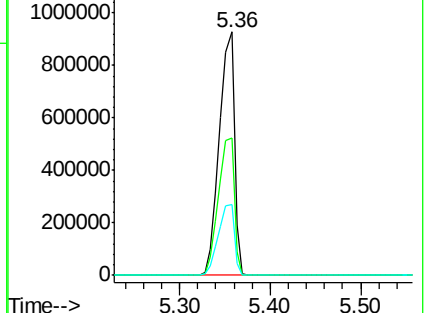
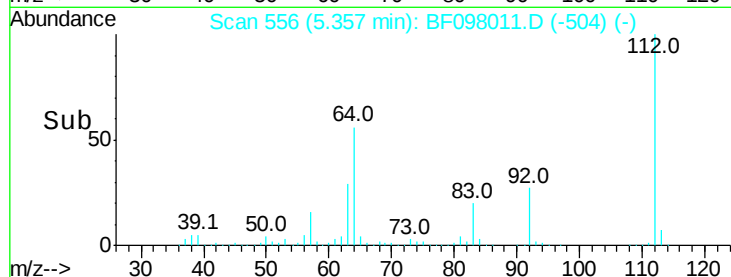
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.343 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

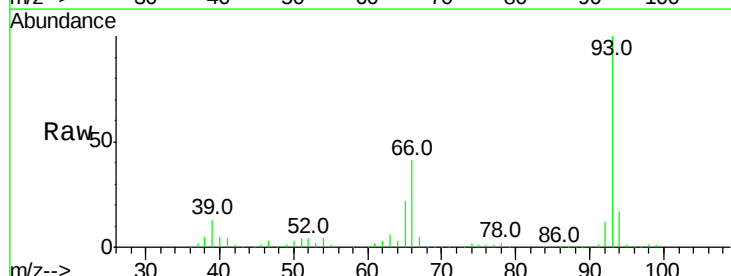
Tgt Ion: 93 Resp: 565846

Ion Ratio Lower Upper

93 100

66 41.1 32.9 49.3

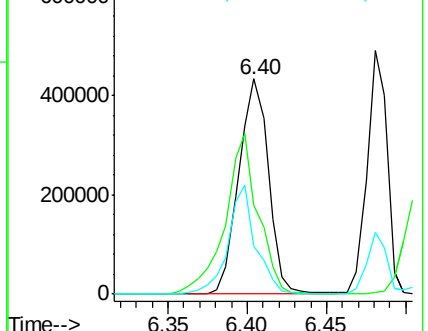
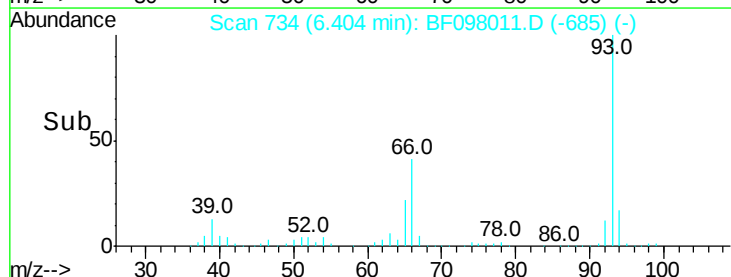
65 22.0 16.0 24.0

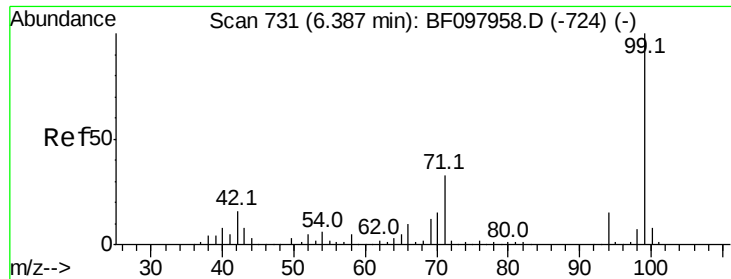


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.304 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

ClientSampled :

RWB-1MSD

Tot Ion: 99 Resp: 1463405

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

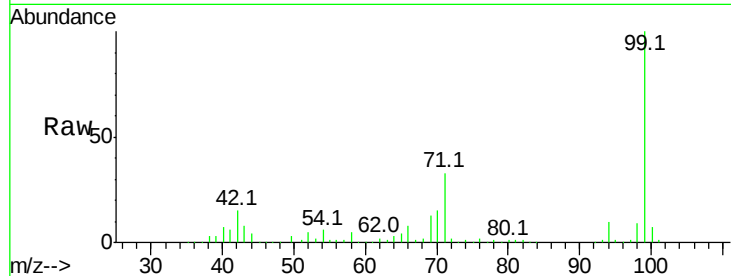
71 33.5 24.5 36.7

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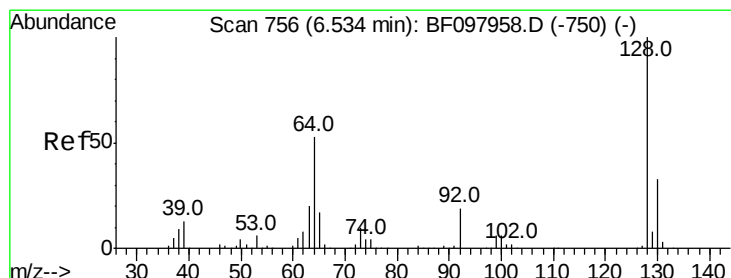
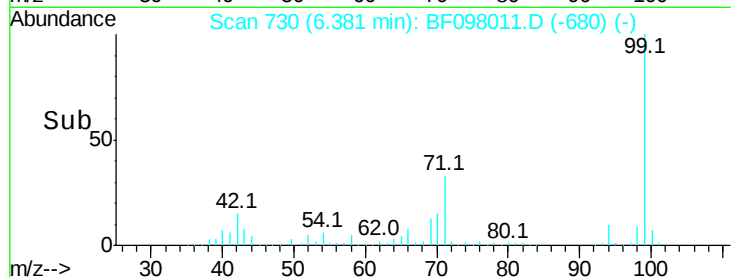
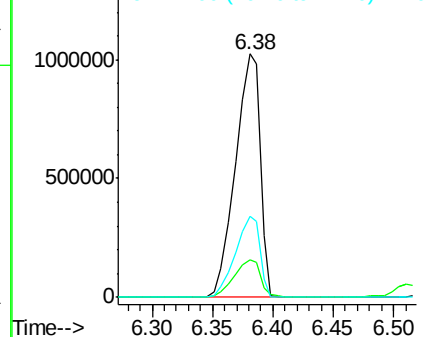
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.473 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

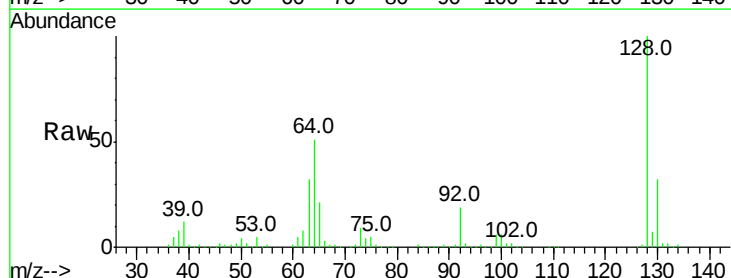
Tgt Ion:128 Resp: 387087

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

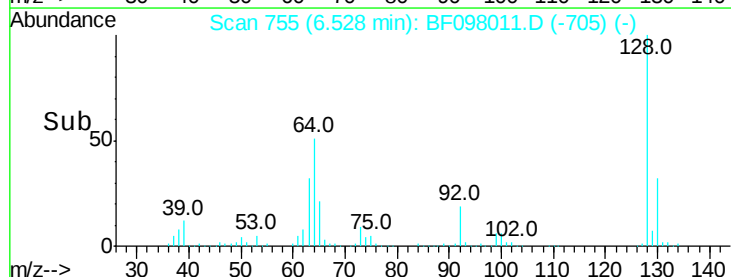
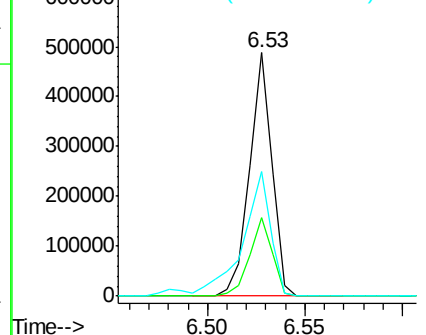
64 51.3 28.4 68.4

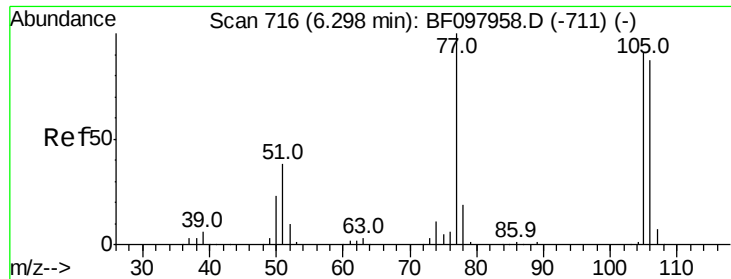


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.622 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

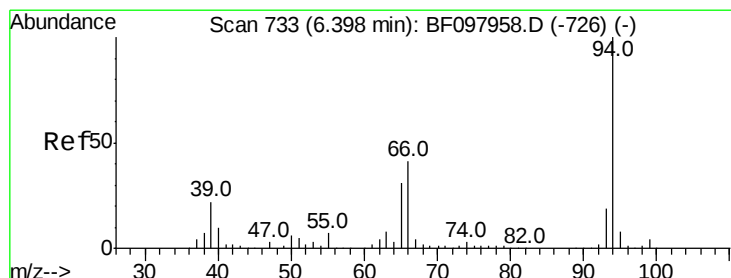
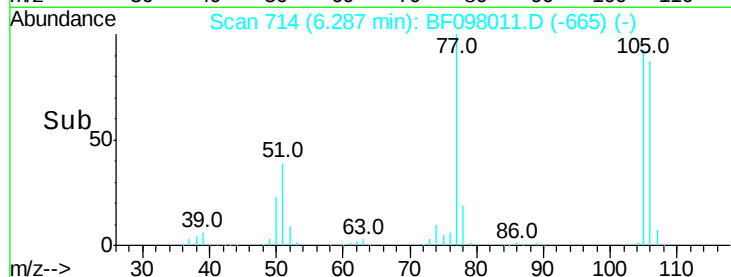
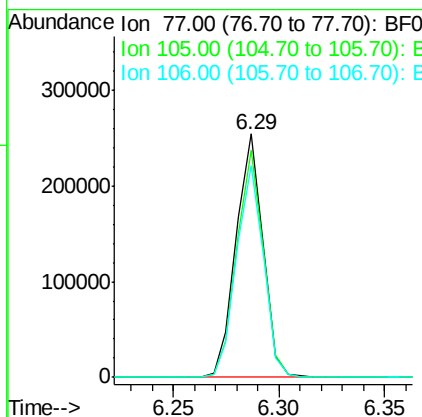
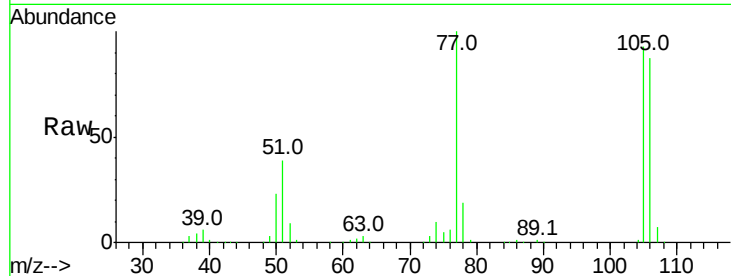
ClientSampleId :

RWB-1MSD

Tot Ion:	77	Resp:	223718
Ion Ratio	Lower	Upper	
77	100		
105	93.4	83.8	123.8
106	87.1	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 49.127 ng

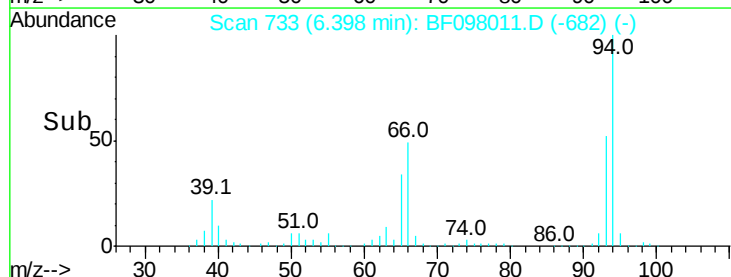
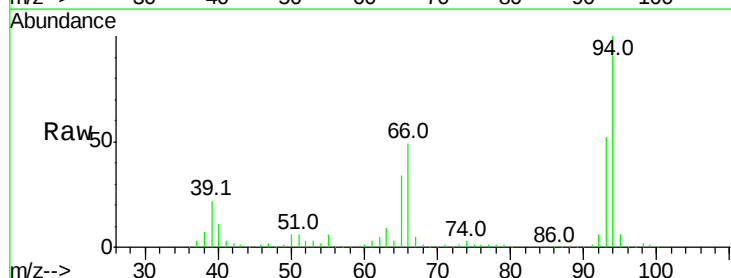
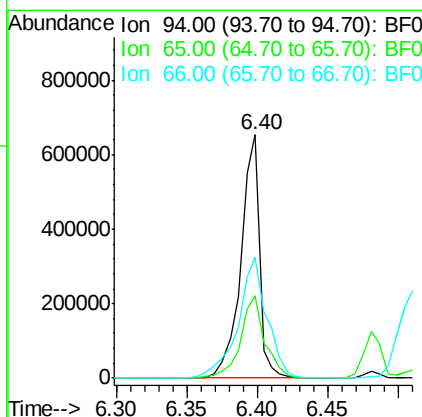
RT: 6.40 min Scan# 733

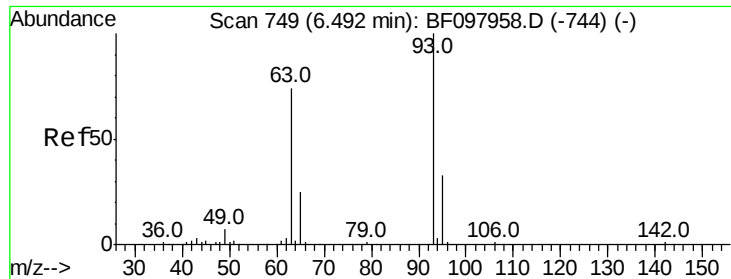
Delta R.T. 0.00 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion:	94	Resp:	603580
Ion Ratio	Lower	Upper	
94	100		
65	33.7	9.9	49.9
66	49.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 45.871 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

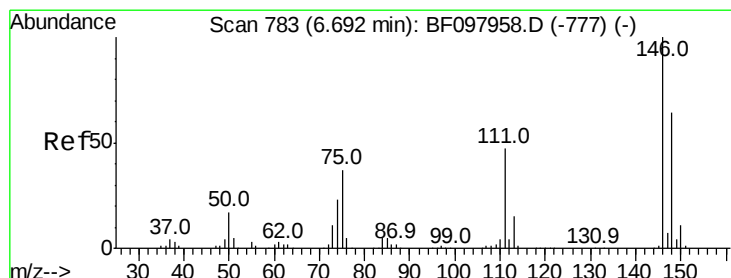
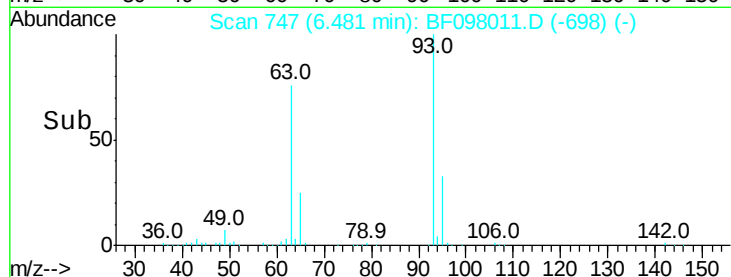
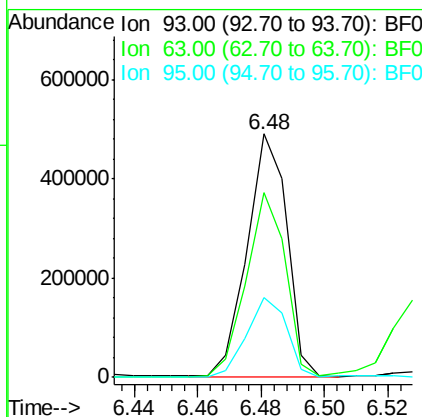
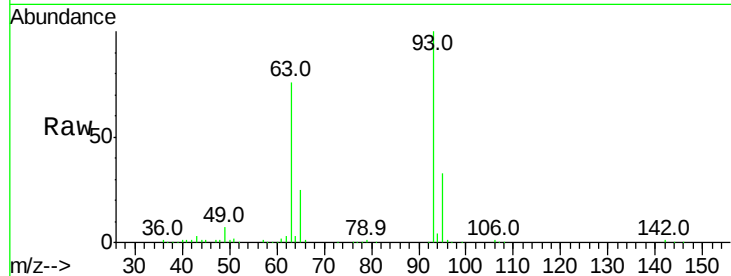
ClientSampleId :

RWB-1MSD

Tot Ion:	93	Resp:	425374
Ion Ratio	Lower	Upper	
93	100		
63	76.0	59.2	99.2
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.746 ng

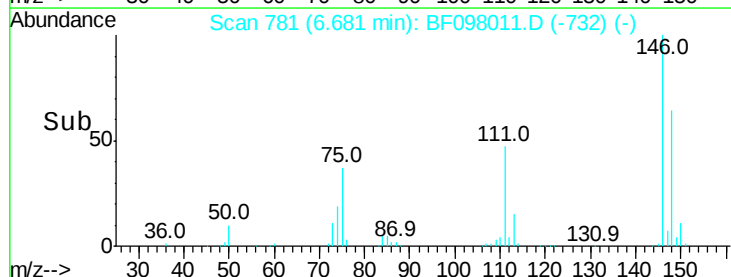
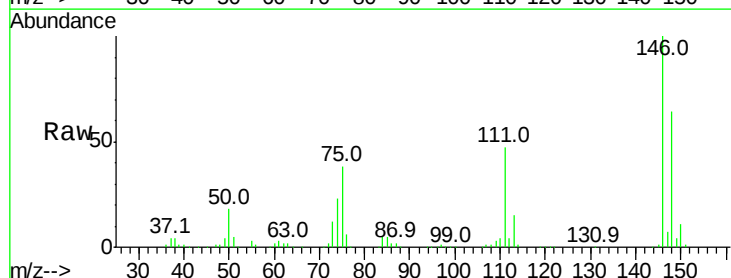
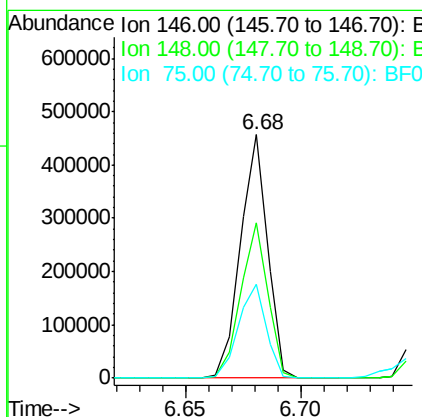
RT: 6.68 min Scan# 781

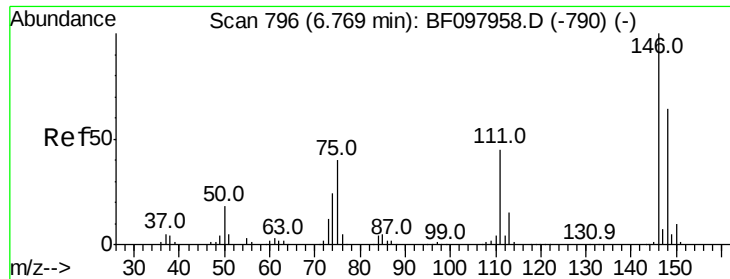
Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion:	146	Resp:	374909
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	38.3	23.1	34.7#





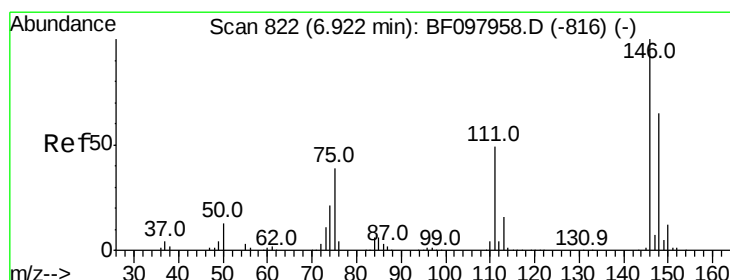
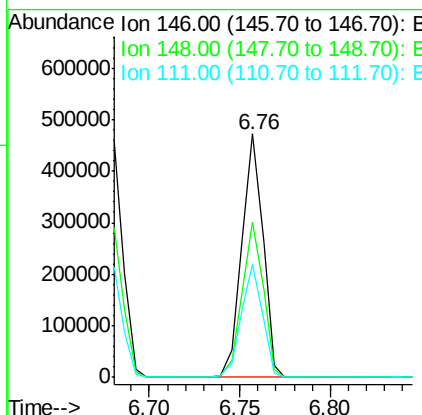
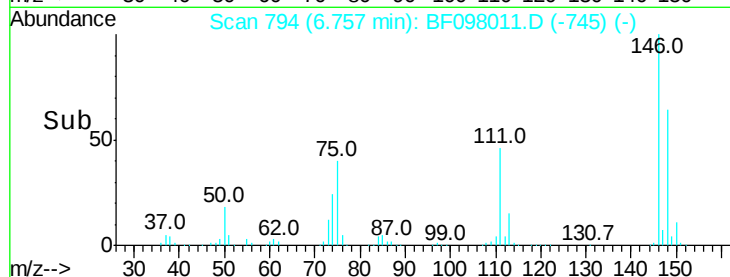
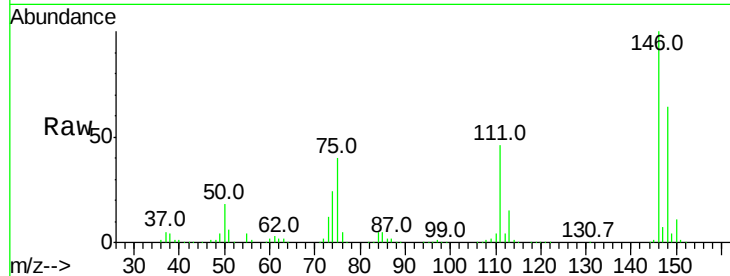
#13
 1,4-Dichlorobenzene
 Concen: 43.013 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	46.2	30.3	45.5#

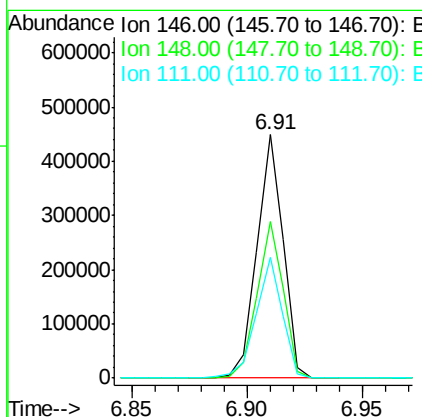
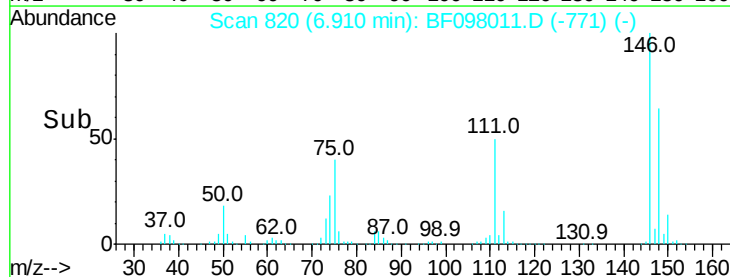
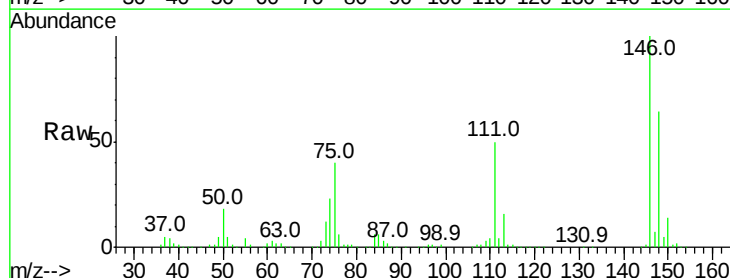
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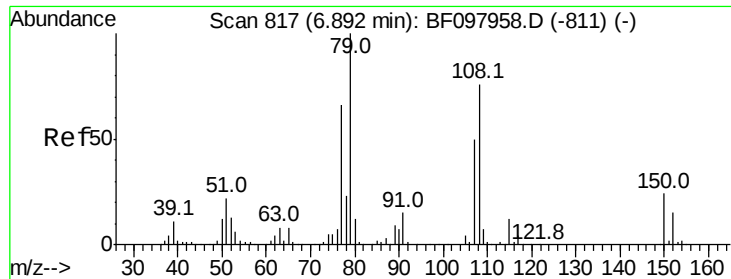
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#14
 1,2-Dichlorobenzene
 Concen: 43.173 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	49.7	38.2	57.4





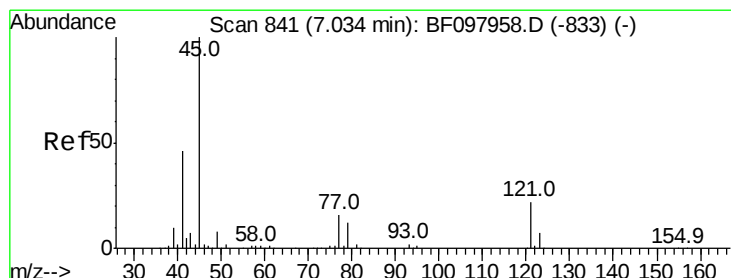
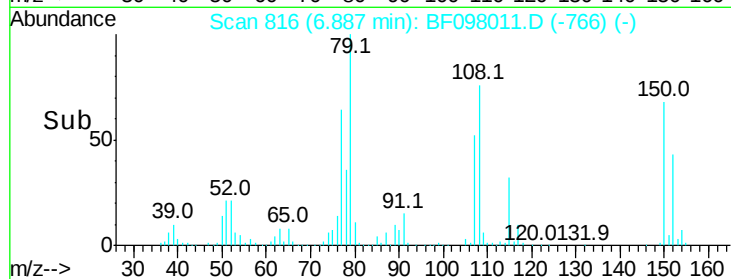
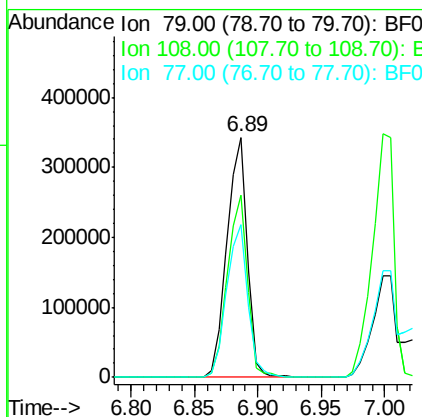
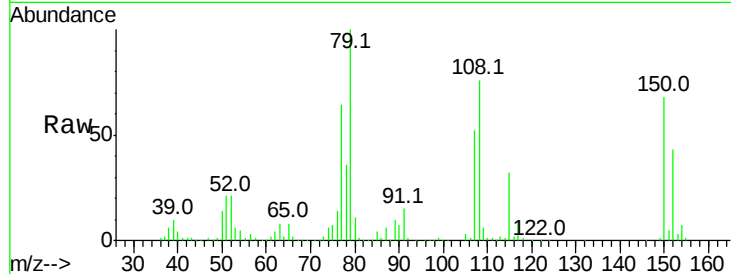
#15
Benzyl Alcohol
Concen: 48.251 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	63.4	95.0
77	63.6	49.2	73.8

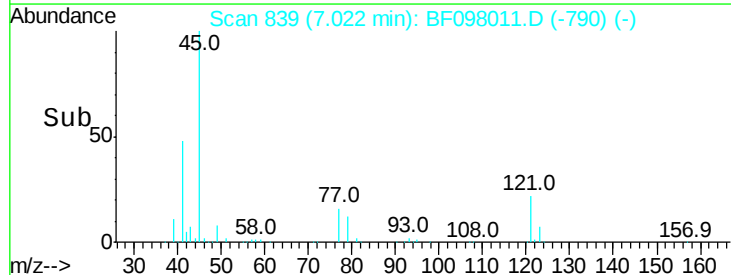
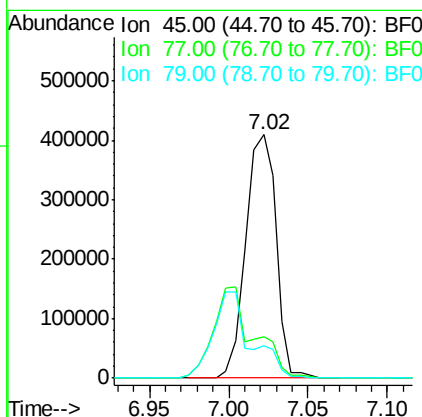
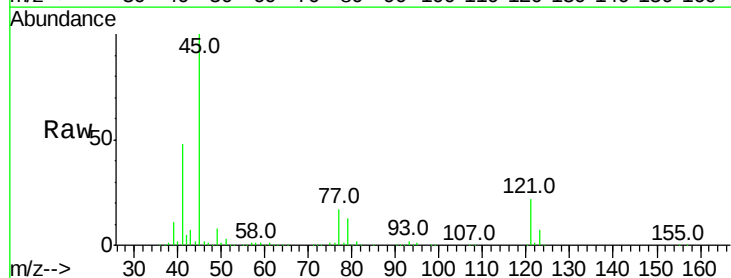
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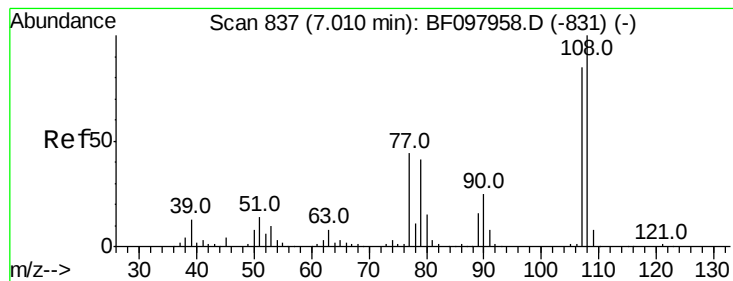
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.592 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	33.2
79	13.2	0.0	30.0





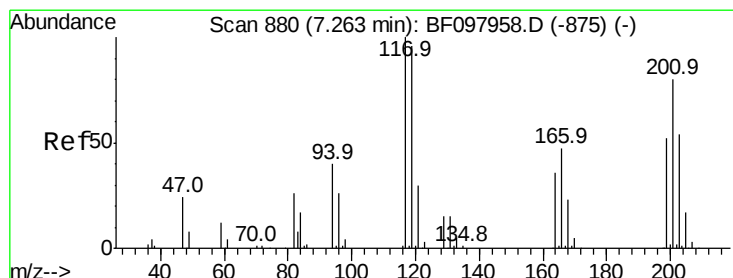
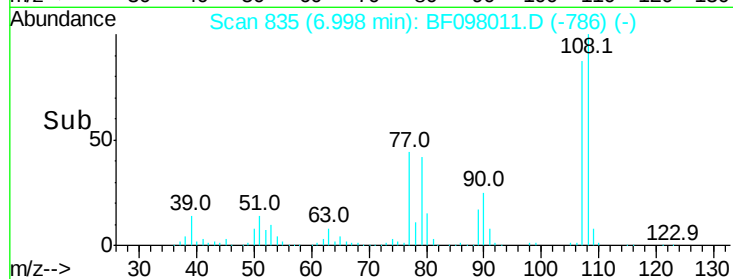
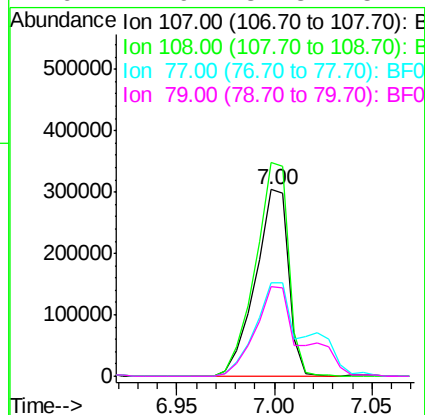
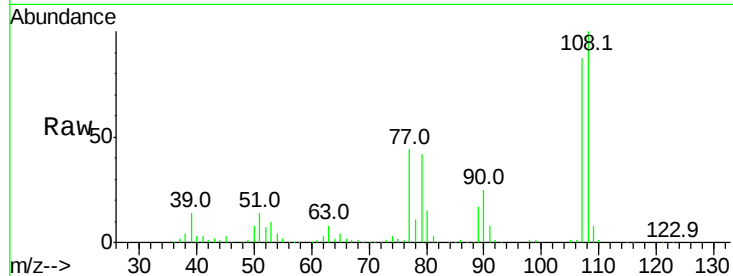
#17
2-Methylphenol
Concen: 49.754 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampled :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	93.4	140.0	
77	50.1	35.8	53.6	
79	47.9	34.8	52.2	

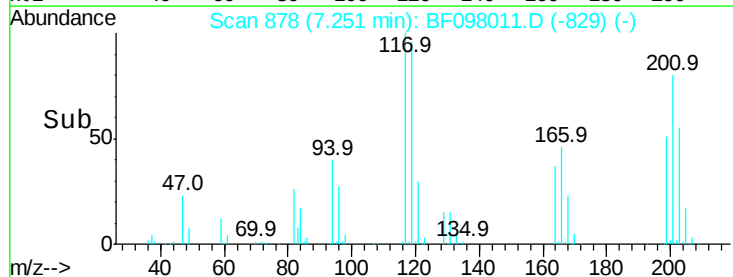
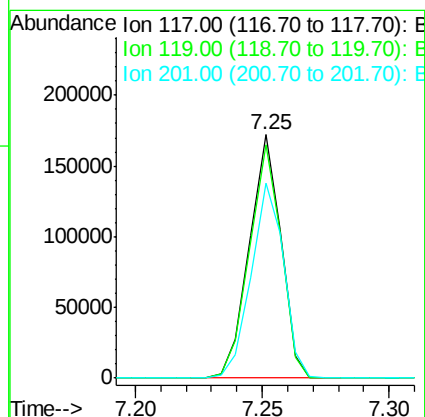
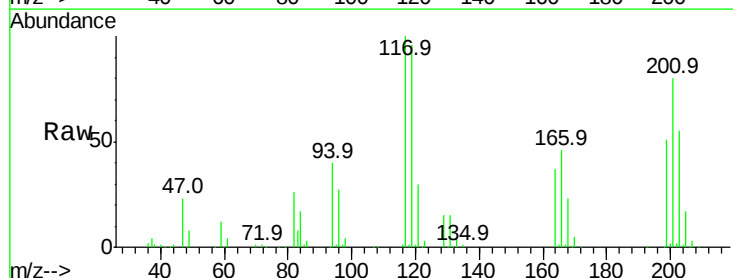
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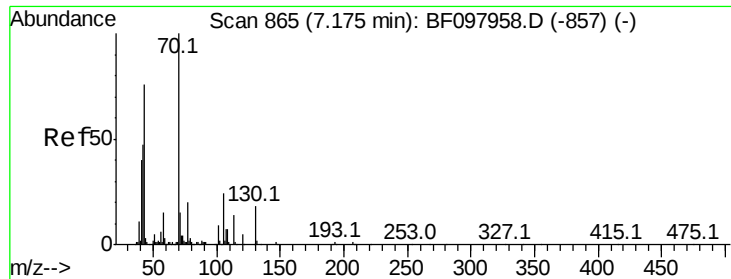
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#18
Hexachloroethane
Concen: 42.924 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.4	116.0	
201	80.3	94.6	141.8#	





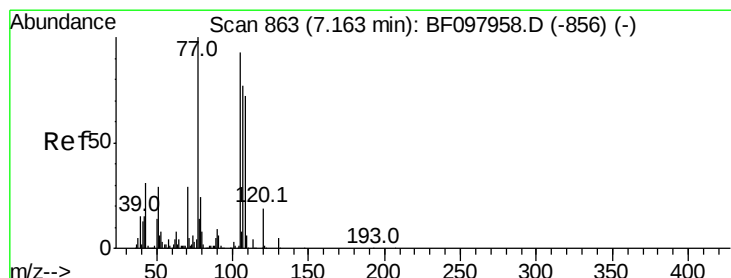
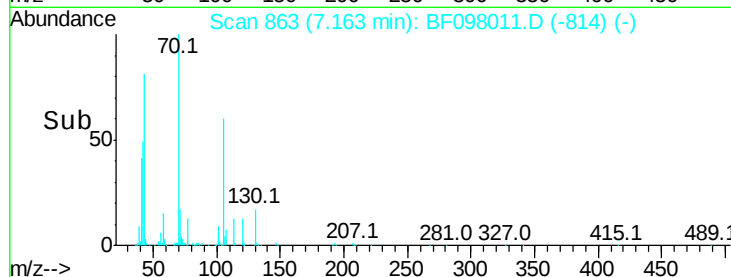
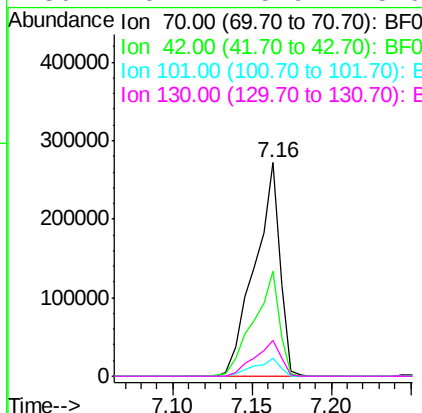
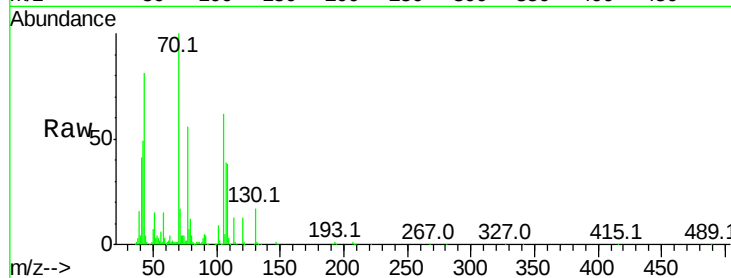
#19
n-Nitroso-di-n-propylamine
Concen: 42.325 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.2	47.2	70.8	
101	8.7	7.2	10.8	
130	16.7	15.9	23.9	

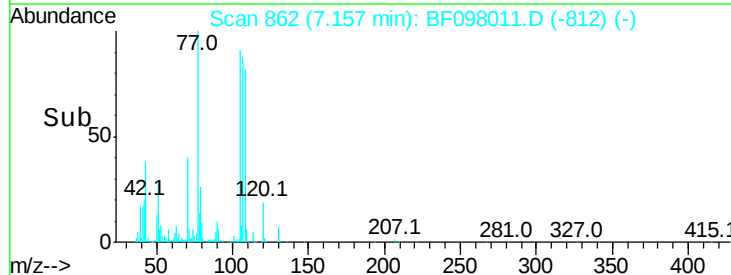
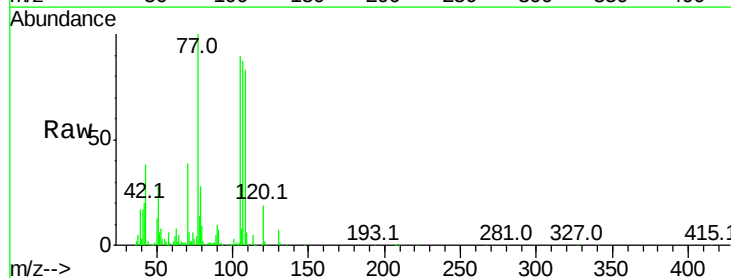
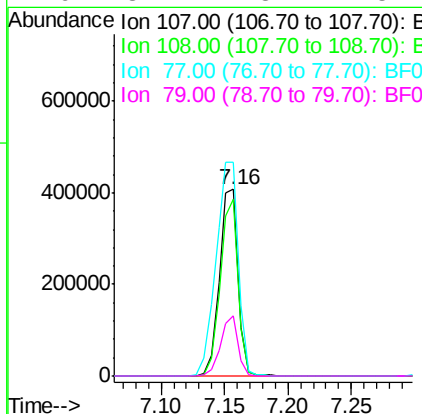
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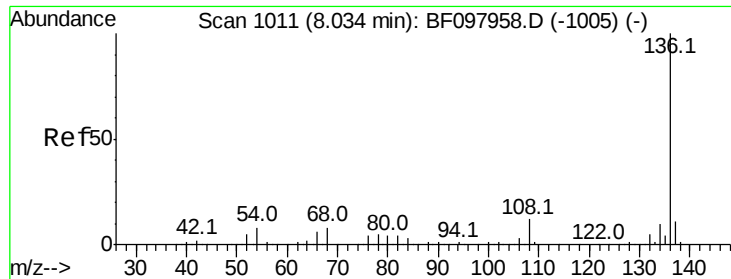
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#20
3+4-Methylphenols
Concen: 47.763 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.6	71.0	111.0	
77	114.4	90.5	130.5	
79	32.1	8.4	48.4	





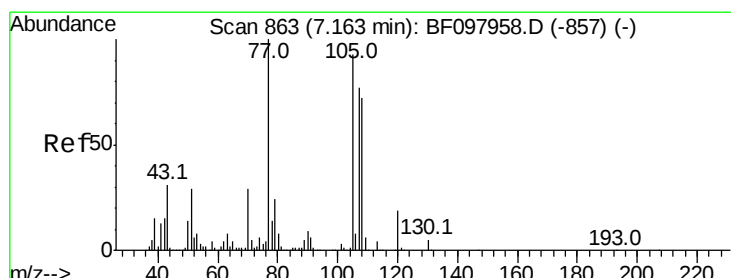
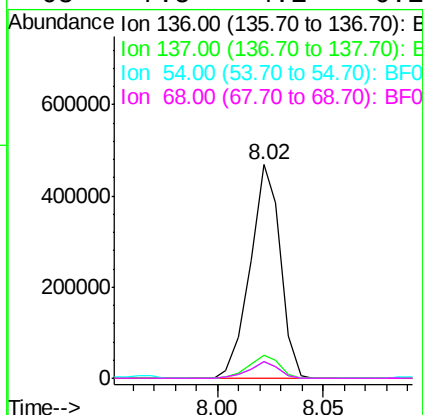
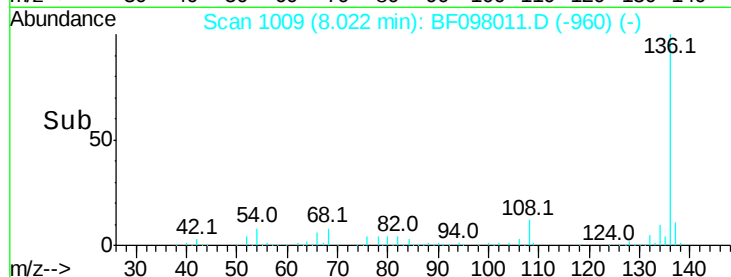
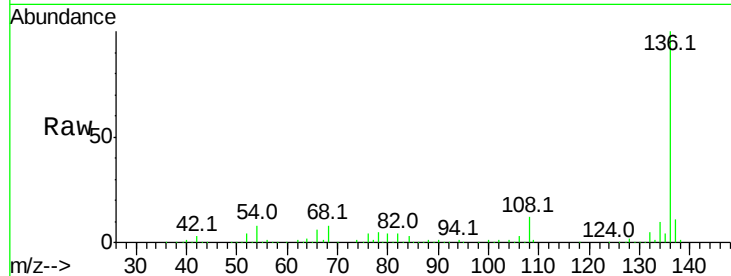
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.7	4.9	7.3#	
68	7.5	4.1	6.1#	

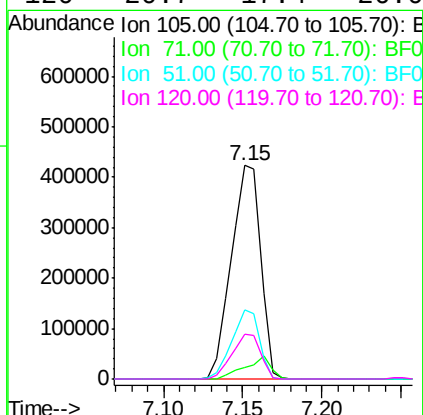
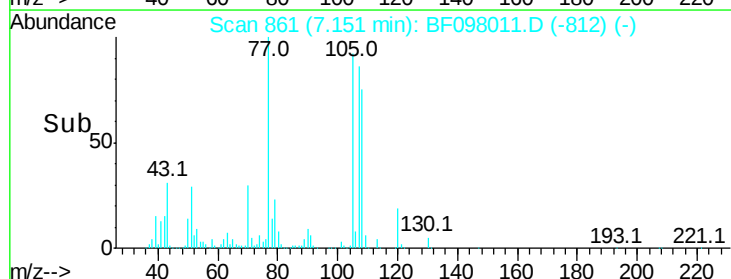
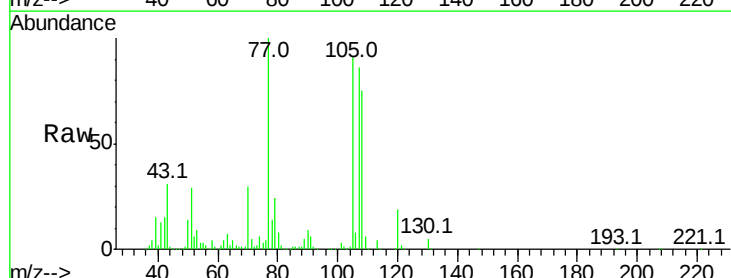
Manual Integrations
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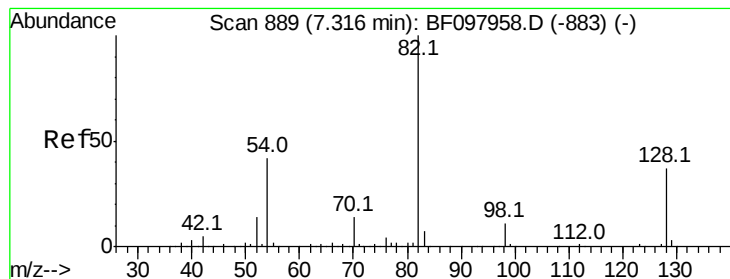
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#22
Acetophenone
Concen: 44.017 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	2.8	4.2#	
51	32.3	30.7	46.1	
120	20.7	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 97.160 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

ClientSampleId :

RWB-1MSD

Tot Ion: 82 Resp: 833879

Ion Ratio Lower Upper

82 100

128 39.5 34.0 51.0

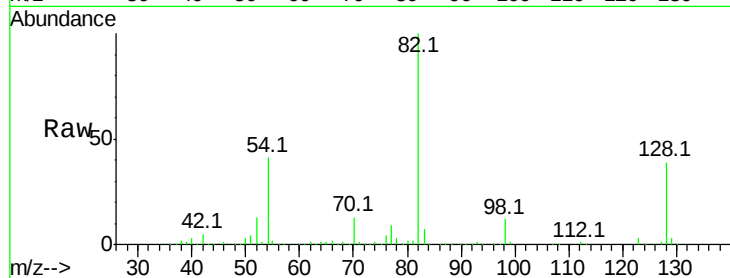
54 41.2 42.2 63.2#

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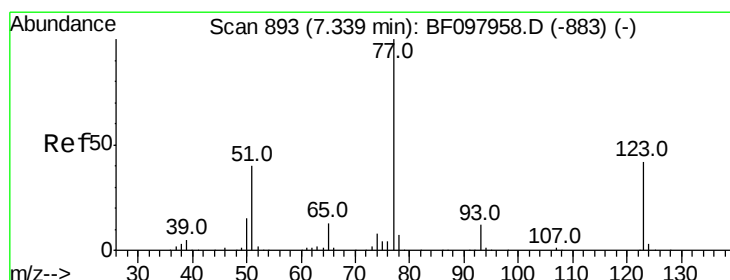
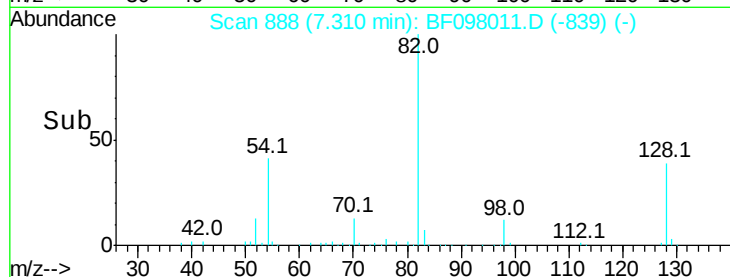
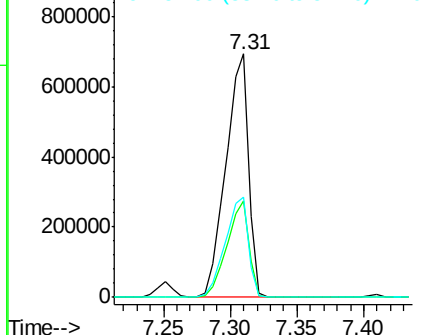
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.166 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

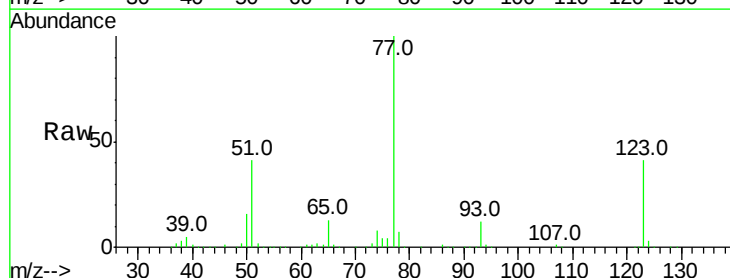
Tgt Ion: 77 Resp: 488953

Ion Ratio Lower Upper

77 100

123 40.6 35.8 53.8

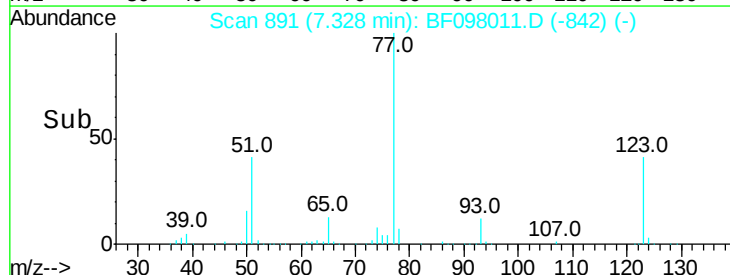
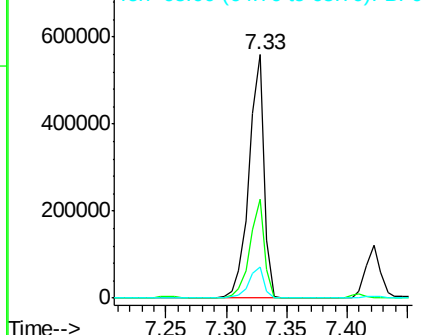
65 12.9 10.6 15.8

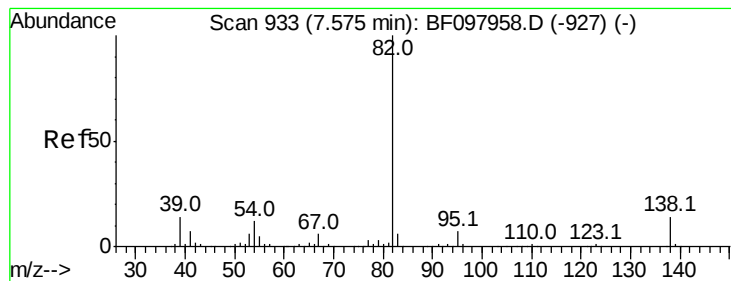


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.077 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

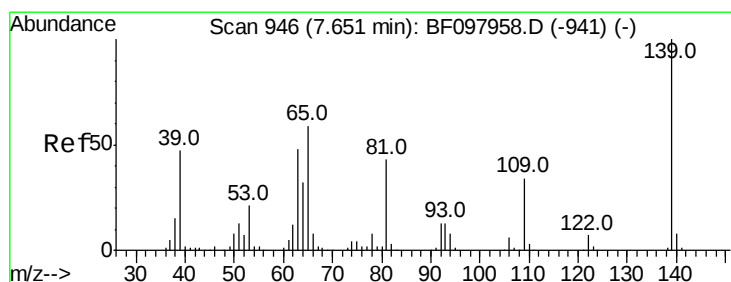
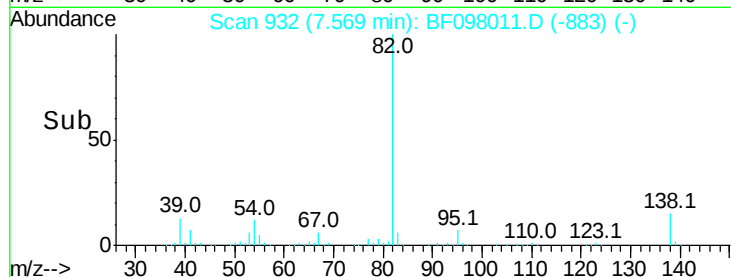
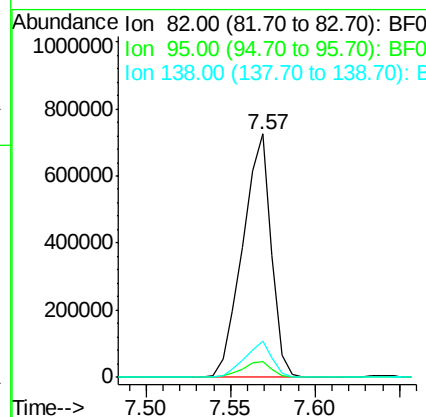
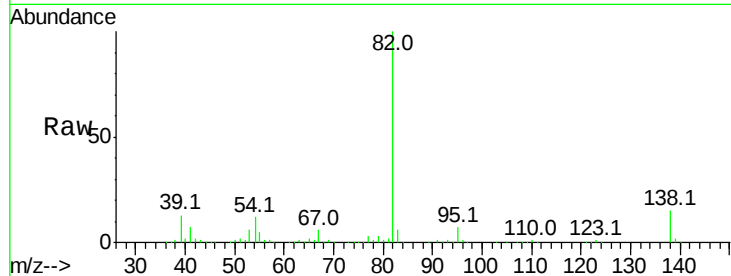
ClientSampleId :

RWB-1MSD

Tot Ion:	82	Resp:	858000
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	14.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 56.128 ng

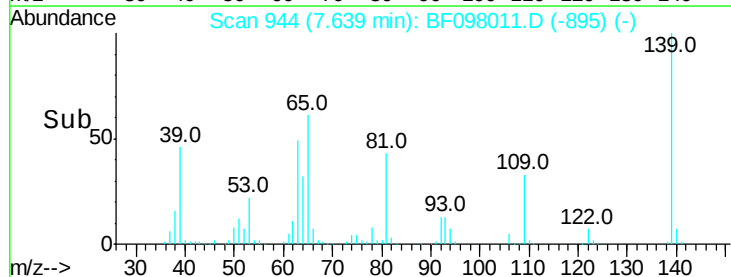
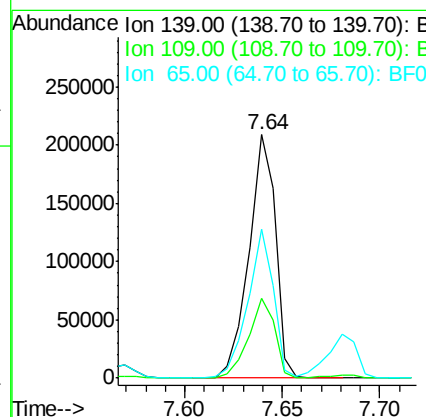
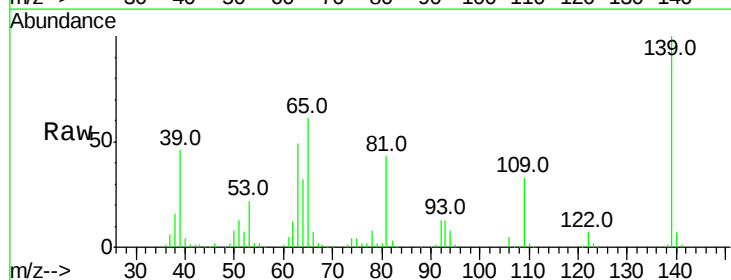
RT: 7.64 min Scan# 944

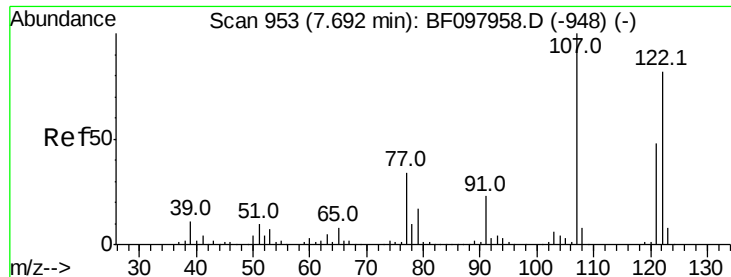
Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion:	139	Resp:	197783
Ion Ratio	Lower	Upper	
139	100		
109	32.6	21.0	31.6#
65	61.3	33.0	49.6#





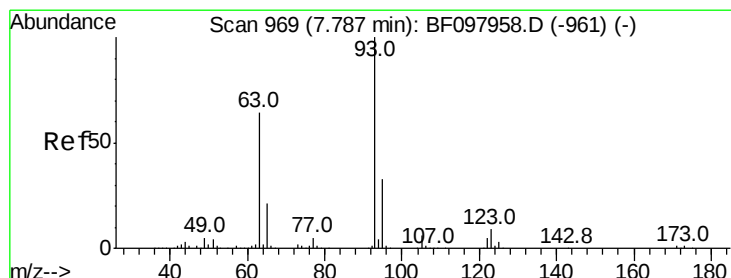
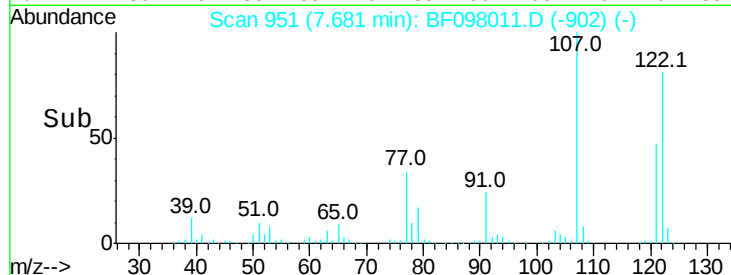
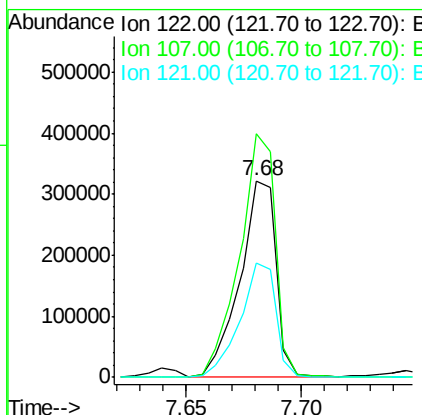
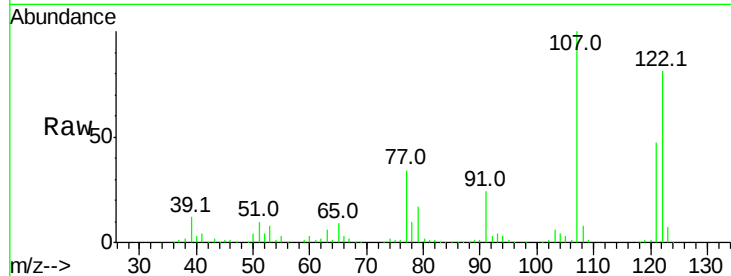
#27
 2,4-Dimethylphenol
 Concen: 47.550 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampled :
 RWB-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	89.2	133.8
121	58.4	45.2	67.8

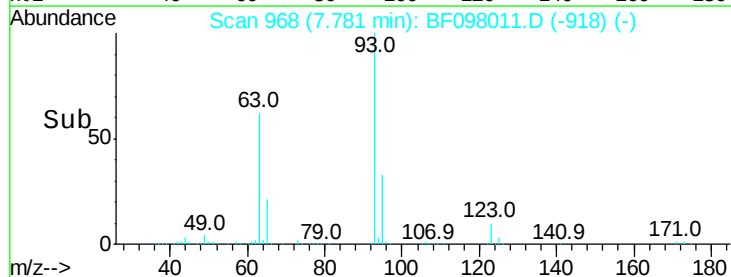
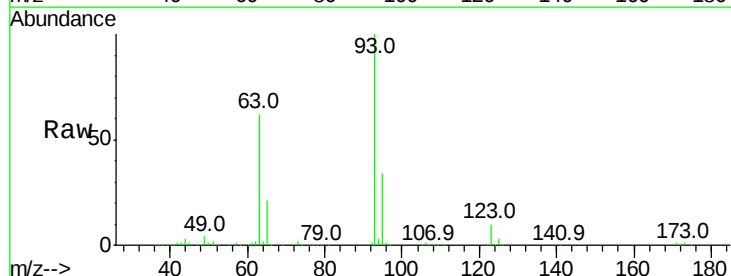
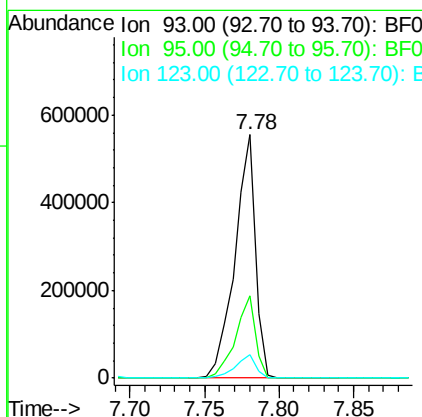
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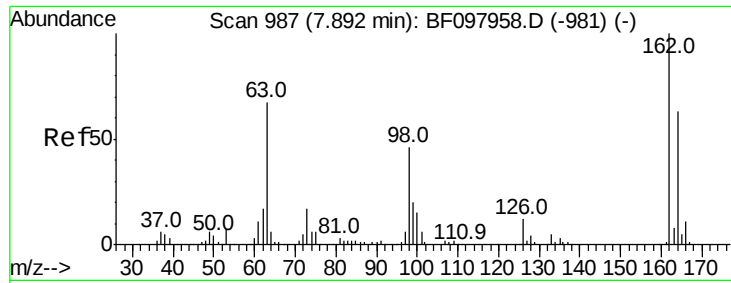
Sohil
 8/25/2017 5:40:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.731 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.5	39.7
123	9.7	9.0	13.4





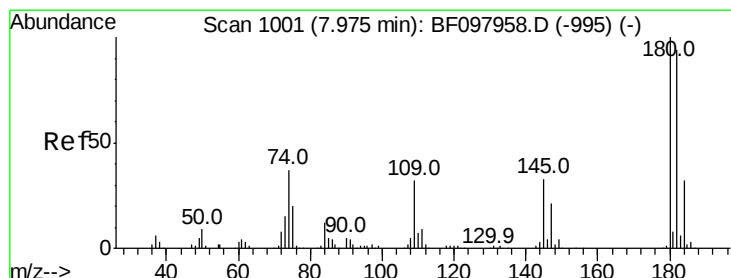
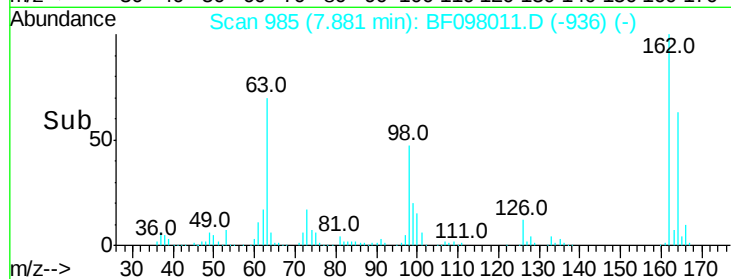
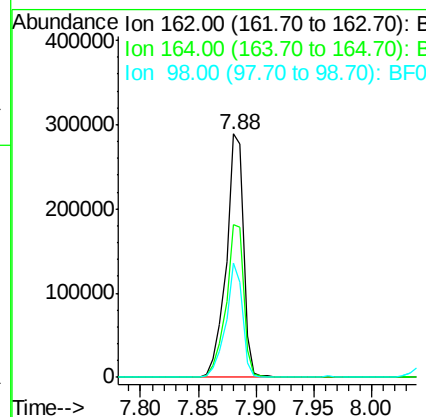
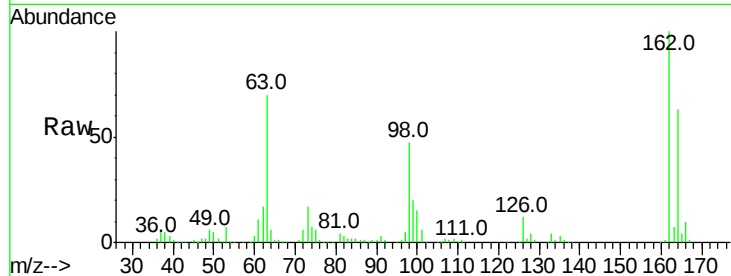
#29
 2,4-Dichlorophenol
 Concen: 48.789 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion:	162	Resp:	301434
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.6	84.6
98	47.0	14.8	54.8

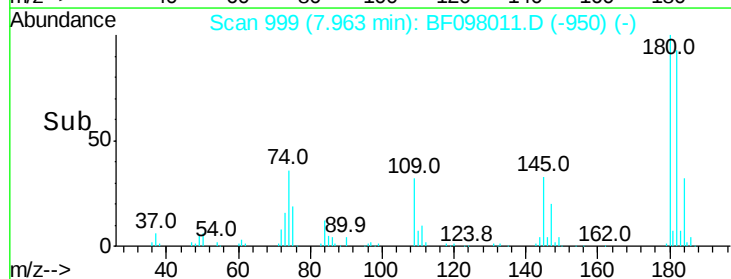
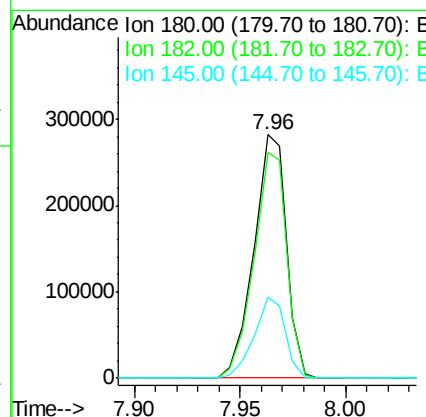
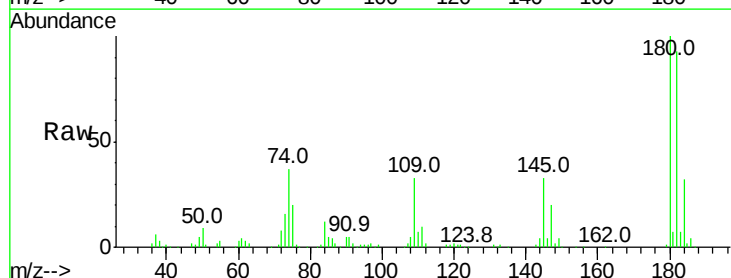
Manual Integrations
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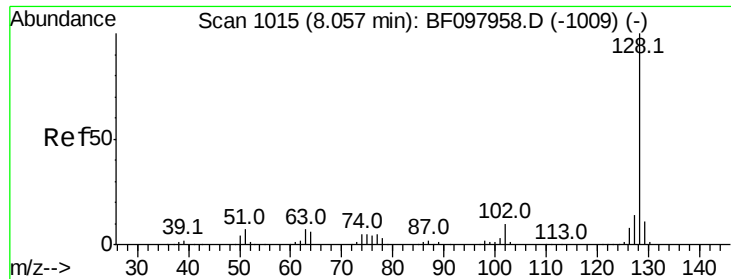
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.131 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion:	180	Resp:	302256
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.8	113.6
145	33.1	25.3	37.9





#31

Naphthalene

Concen: 44.363 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

ClientSampleId :

RWB-1MSD

Tot Ion:128 Resp: 1073813

Ion Ratio Lower Upper

128 100

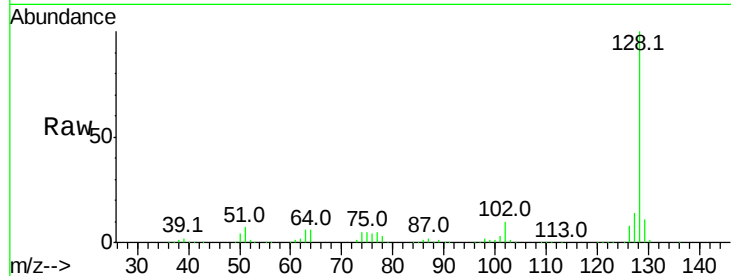
129 11.4 9.0 13.6

127 13.6 10.8 16.2

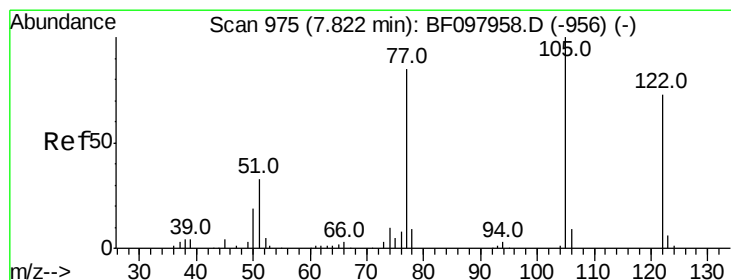
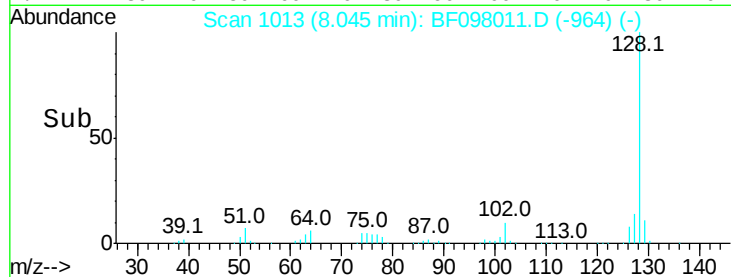
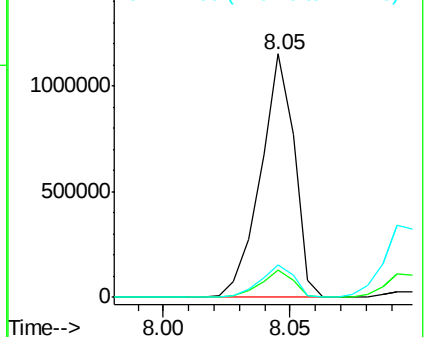
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.710 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.09 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

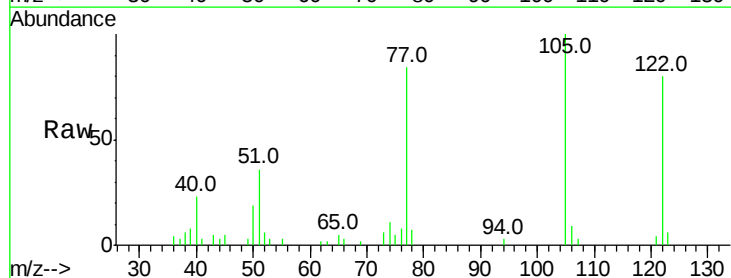
Tgt Ion:122 Resp: 14427

Ion Ratio Lower Upper

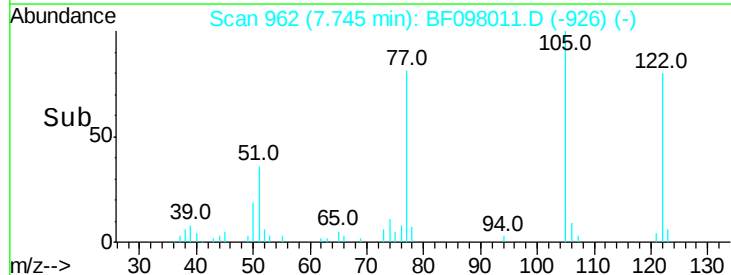
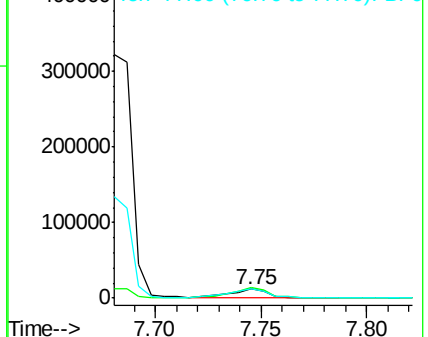
122 100

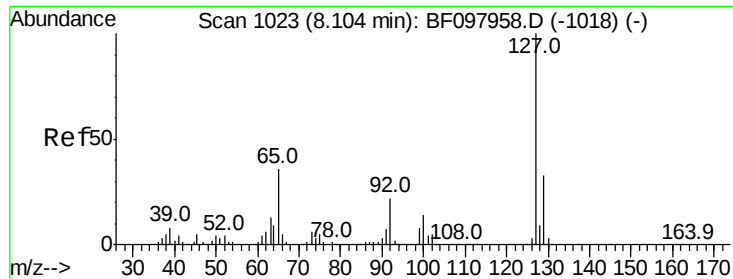
105 125.5 103.3 143.3

77 104.9 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





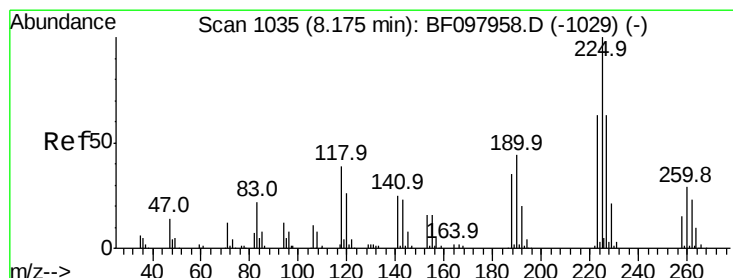
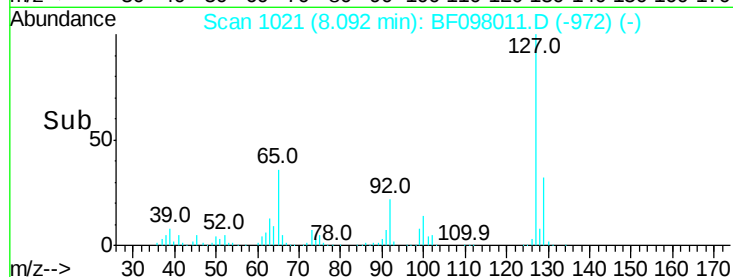
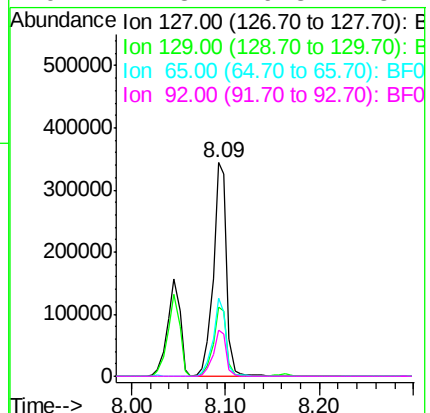
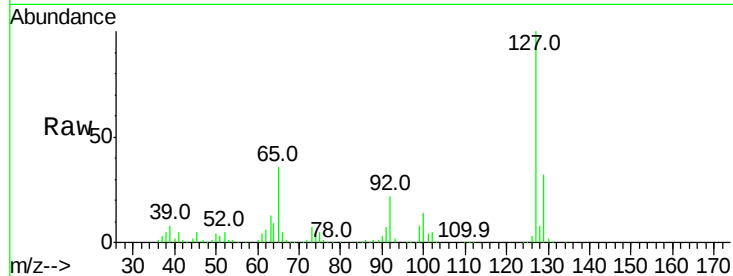
#33
4-Chloroaniline
Concen: 34.060 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.2	
65	36.4	27.8	41.8	
92	21.8	16.8	25.2	

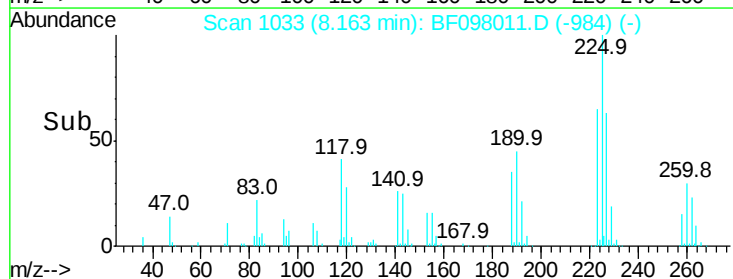
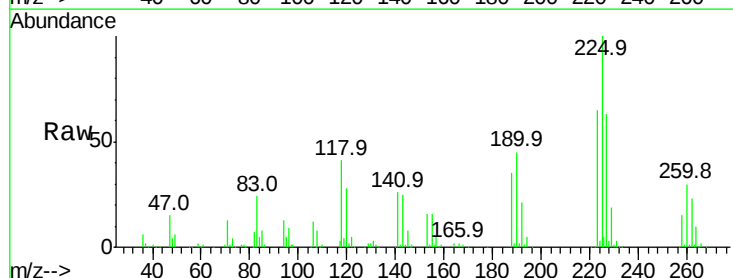
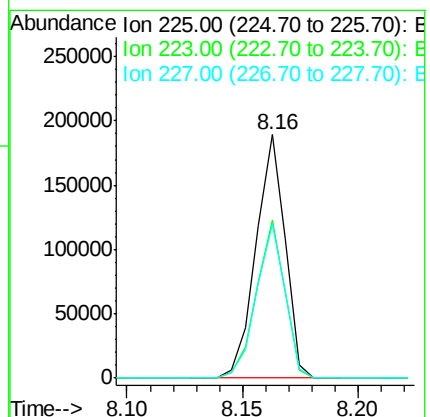
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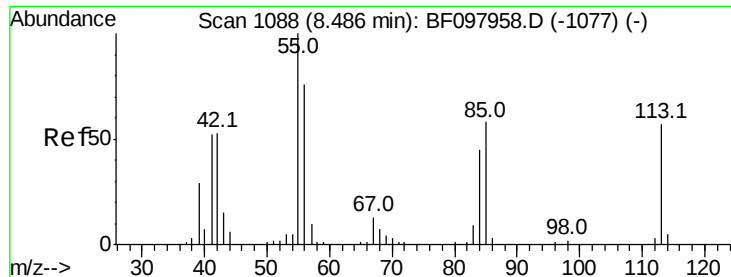
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#34
Hexachlorobutadiene
Concen: 41.838 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	48.8	73.2	
227	63.1	51.1	76.7	





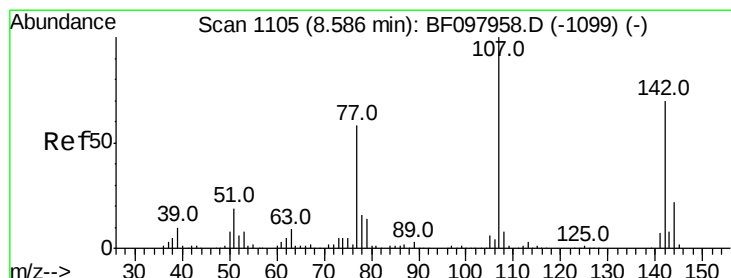
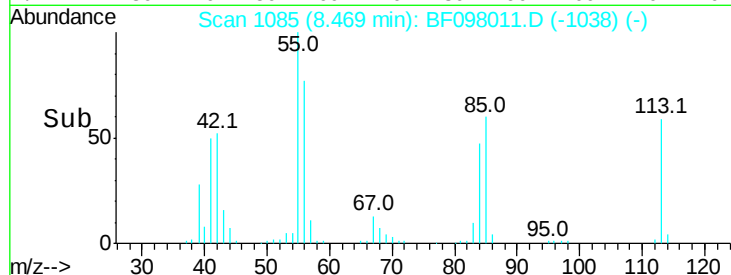
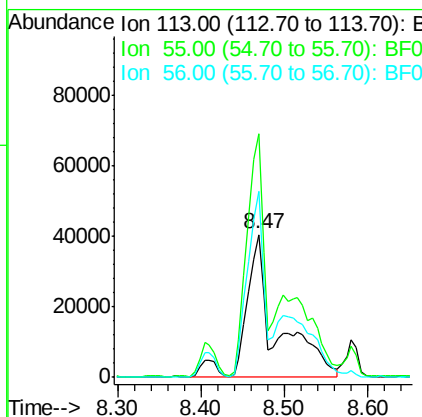
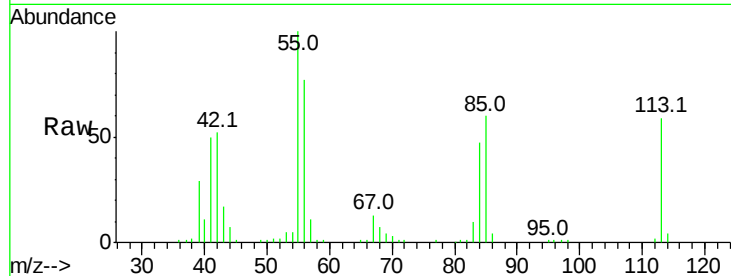
#35
 Caprolactam
 Concen: 49.302 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.7	150.2	190.2
56	130.9	107.8	147.8

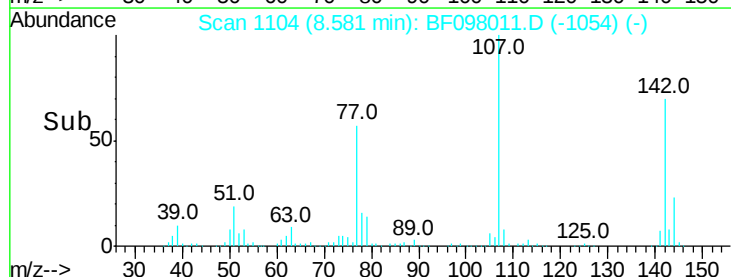
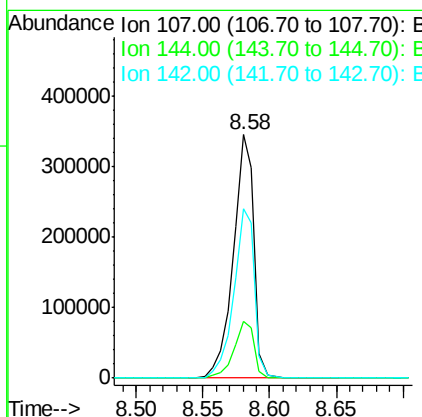
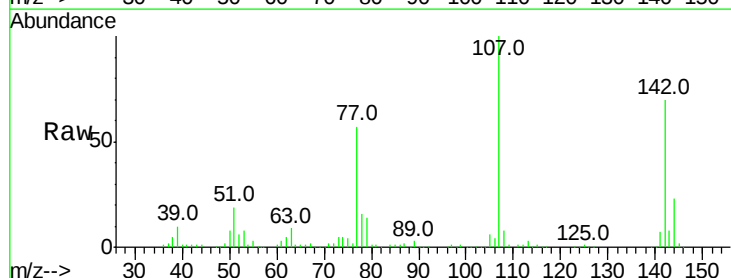
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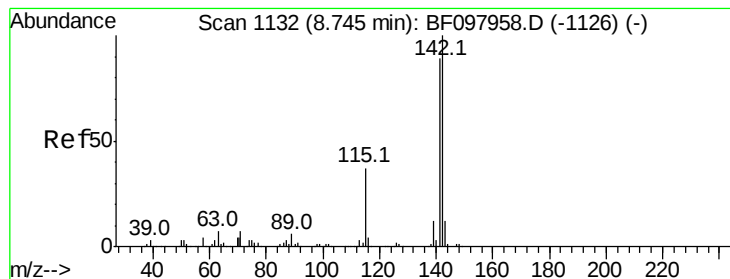
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#36
 4-Chloro-3-methylphenol
 Concen: 46.907 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	24.2	36.4#
142	69.5	73.4	110.0#





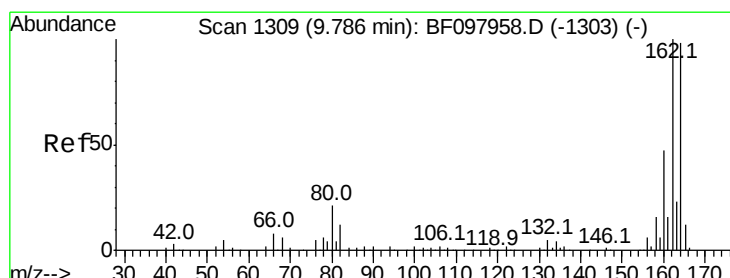
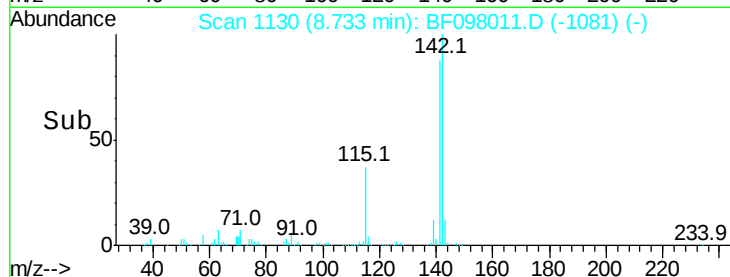
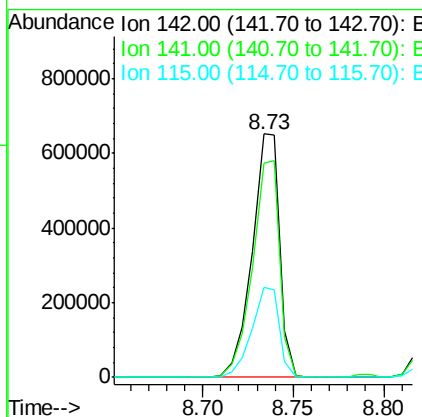
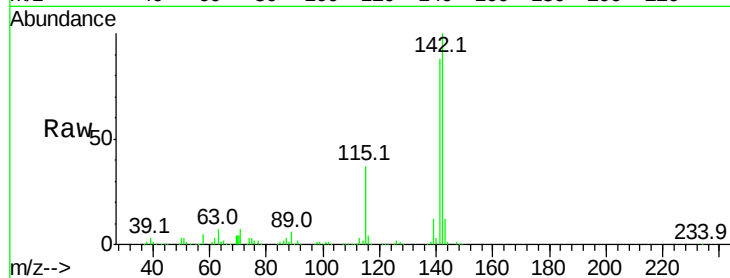
#37
2-Methylnaphthalene
Concen: 46.366 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	37.2	27.1	40.7

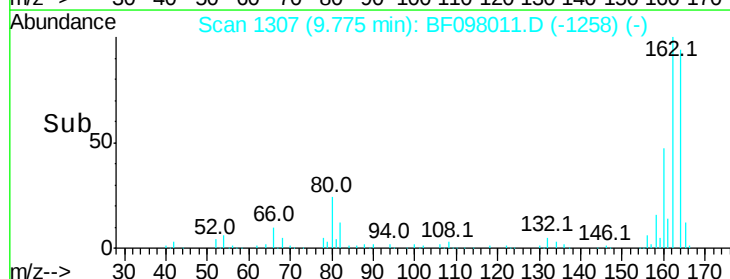
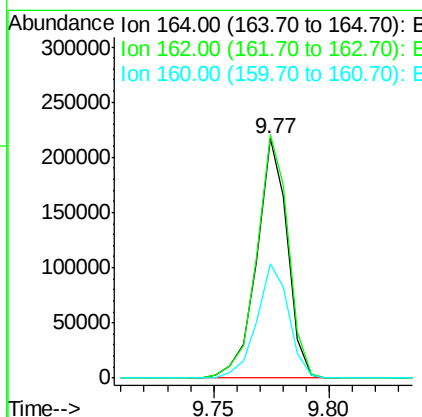
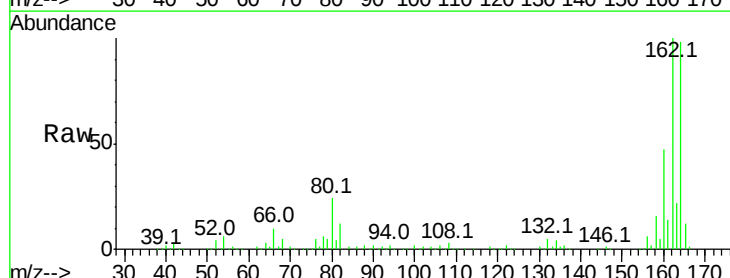
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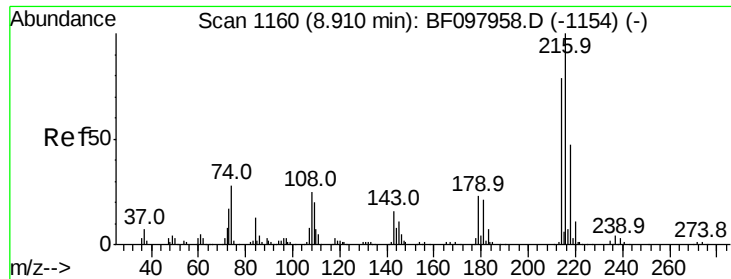
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	47.9	36.2	54.2





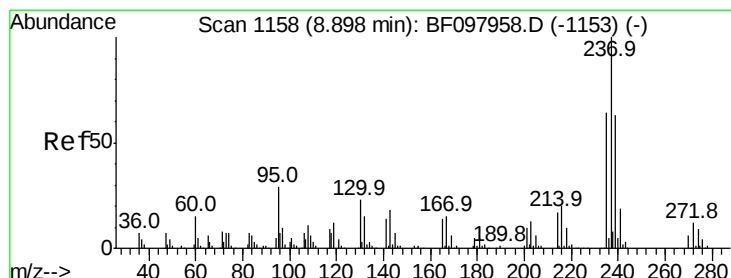
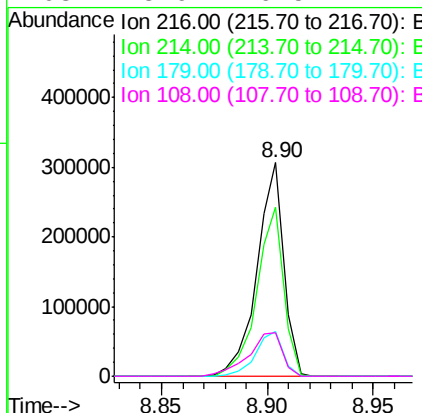
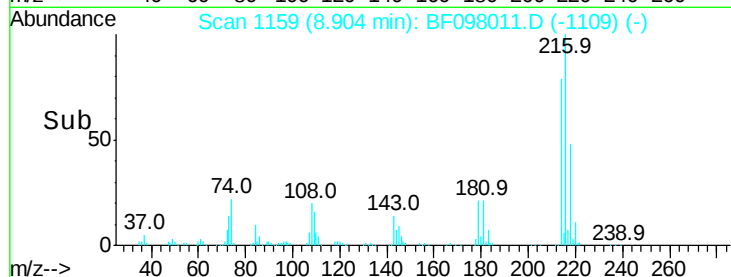
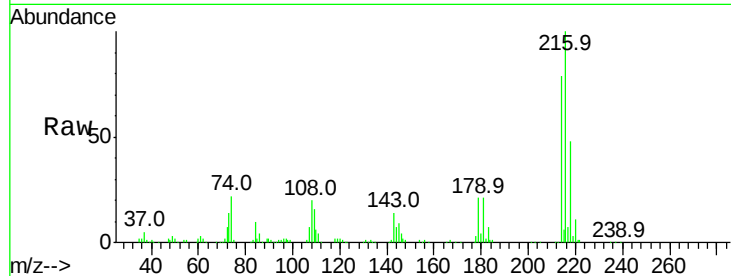
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.026 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	270612		
214	79.4	63.4	95.2	
179	21.7	17.9	26.9	
108	25.9	16.5	24.7	

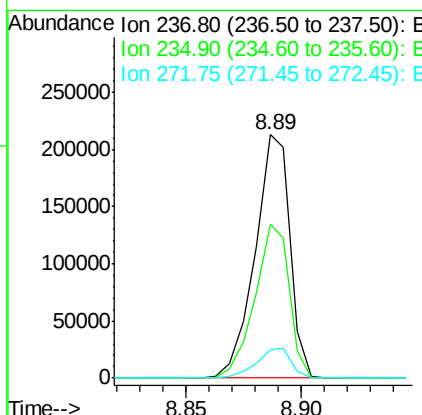
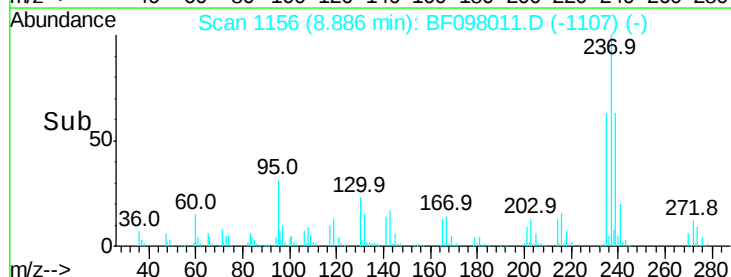
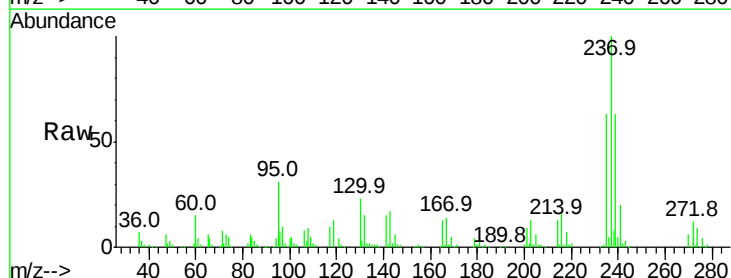
Manual Integrations
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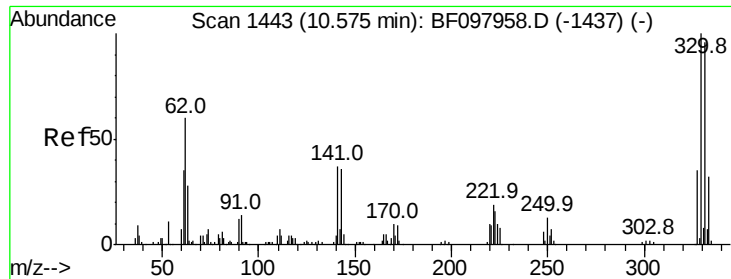
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#40
 Hexachlorocyclopentadiene
 Concen: 75.959 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	224299		
235	63.5	42.6	82.6	
272	12.0	0.0	31.9	





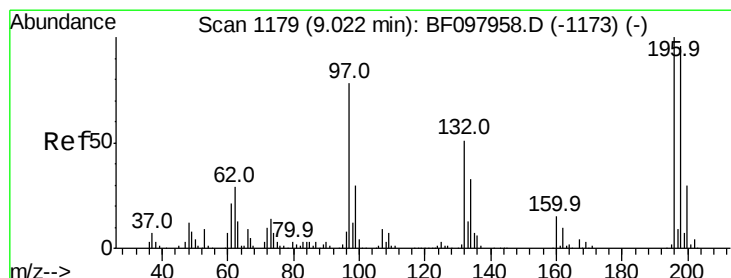
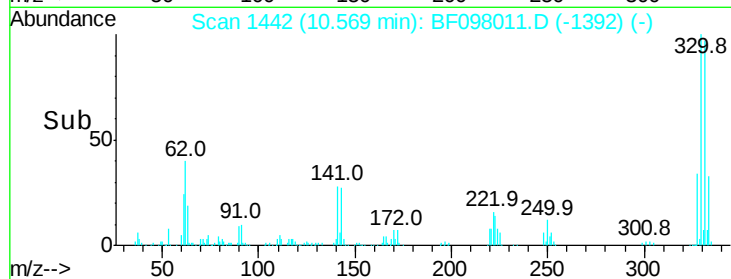
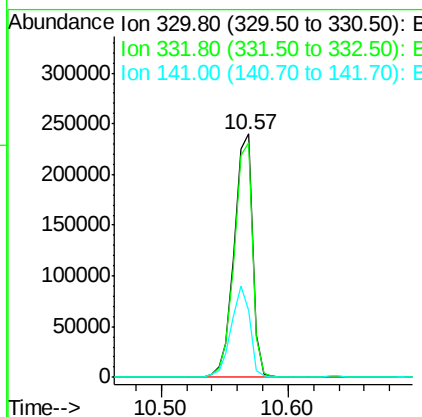
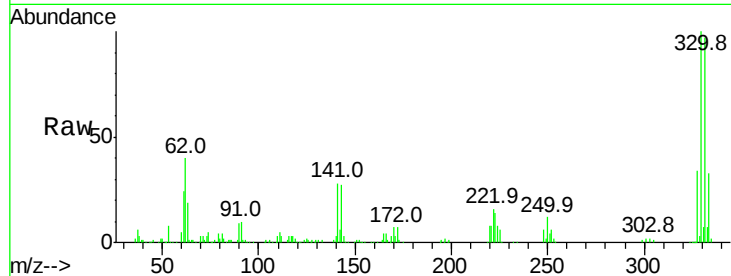
#41
 2,4,6-Tribromophenol
 Concen: 137.528 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	238995		
332	96.3	76.6	115.0	
141	38.2	31.4	47.2	

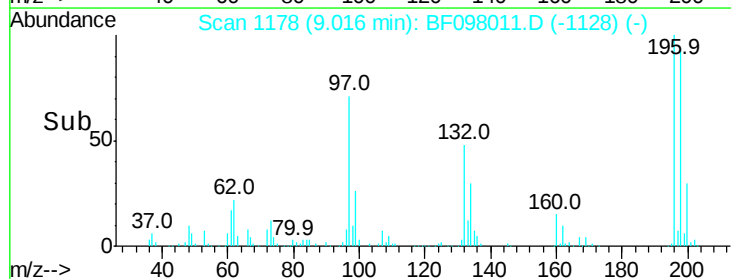
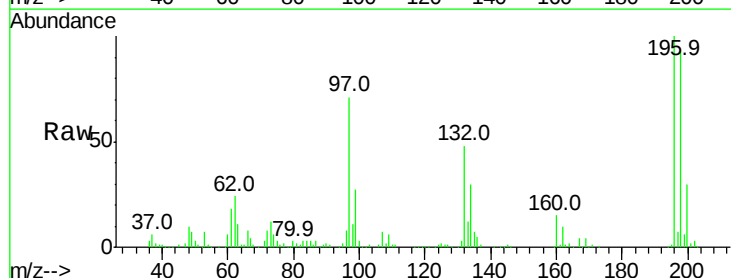
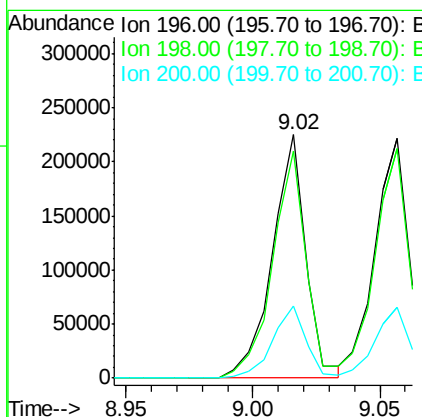
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 49.827 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205622		
198	93.4	74.2	111.4	
200	29.6	24.0	36.0	





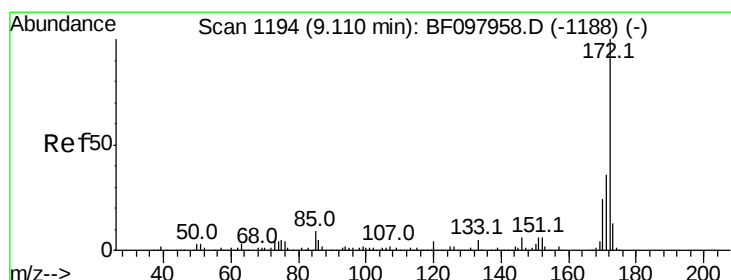
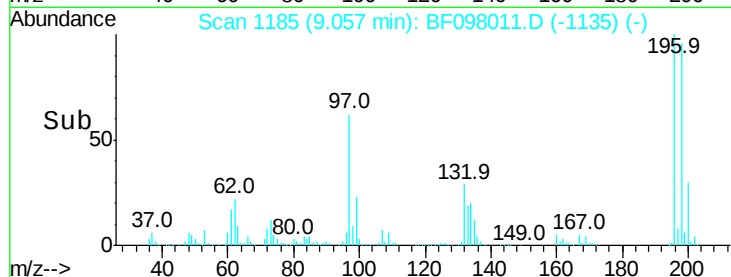
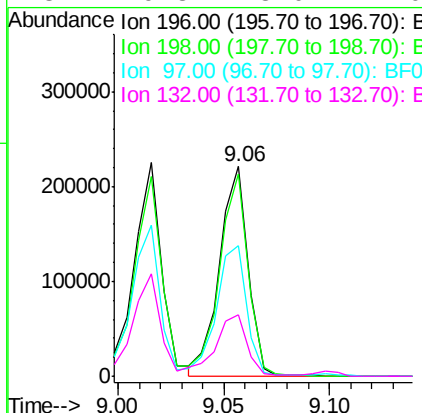
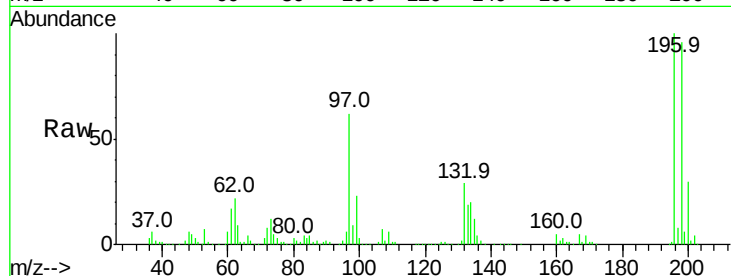
#43
 2,4,5-Trichlorophenol
 Concen: 50.427 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion	196	Resp	206446
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.7	113.5
97	62.0	47.7	71.5
132	29.3	28.0	42.0

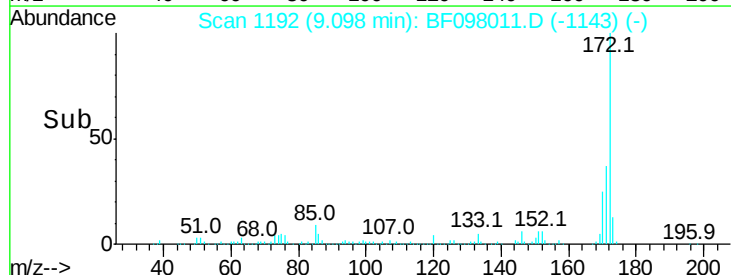
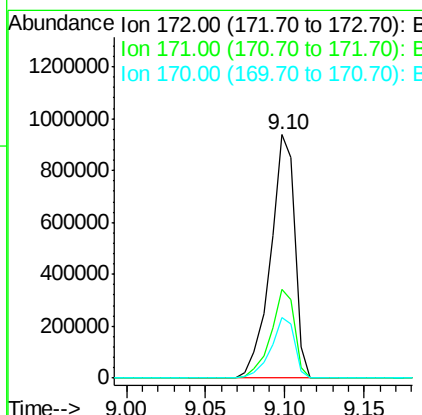
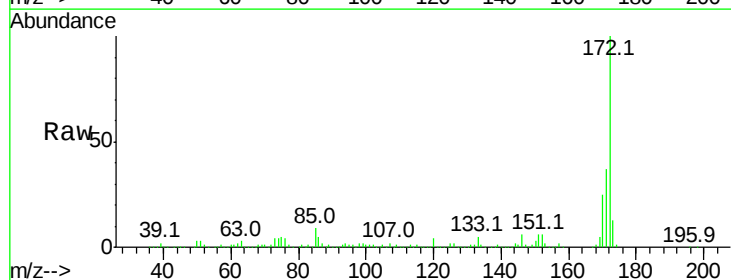
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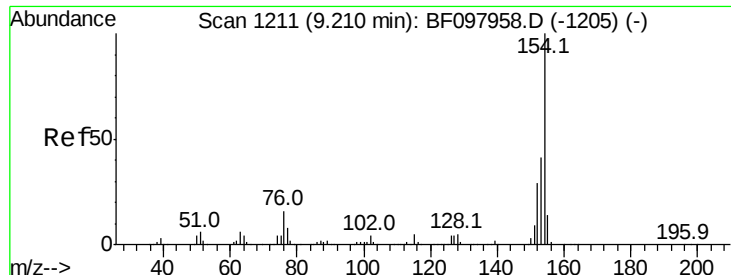
Sohil
 8/25/2017 5:40:10 PM



#44
 2-Fluorobiphenyl
 Concen: 73.372 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	172	Resp	1000213
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 43.158 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

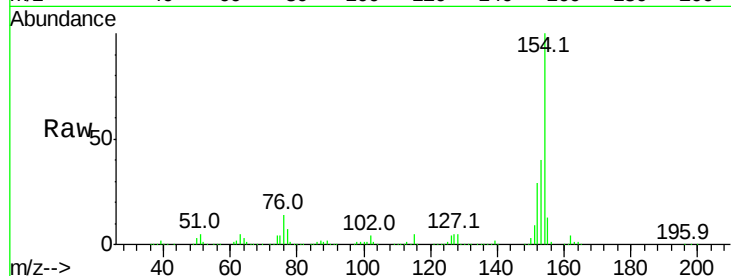
ClientSampled :

RWB-1MSD

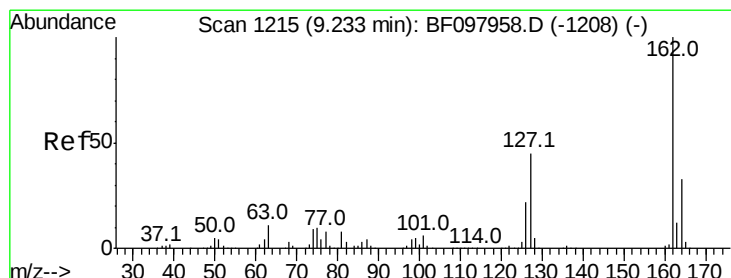
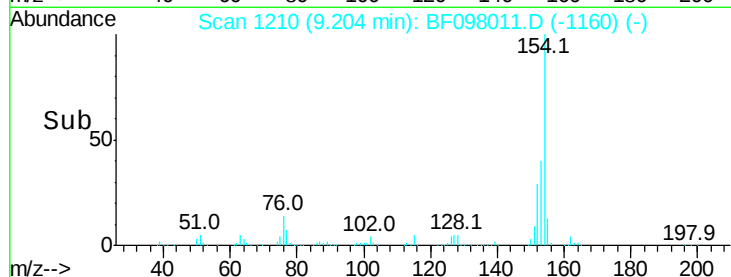
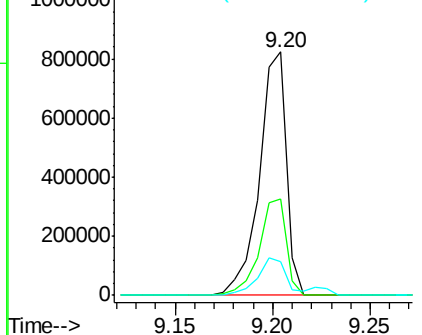
Tot Ion:	154	Resp:	788234
Ion Ratio	Lower	Upper	
154	100		
153	39.7	21.2	61.2
76	14.1	0.0	29.9

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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: 44.039 ng

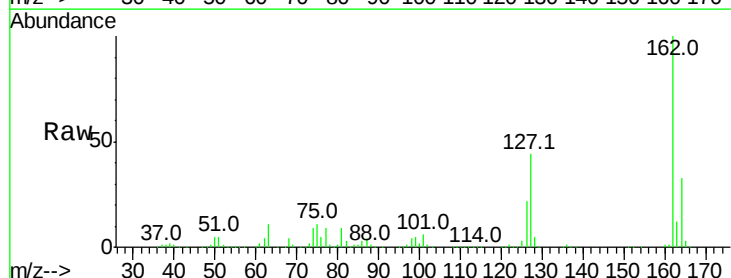
RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

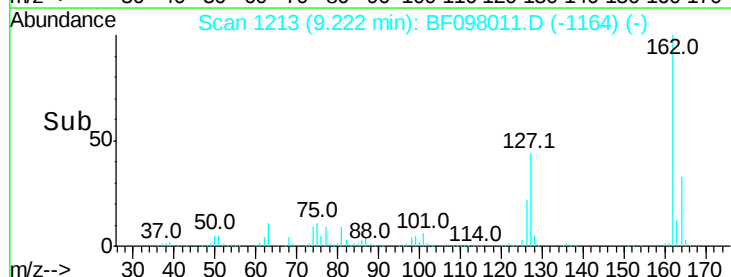
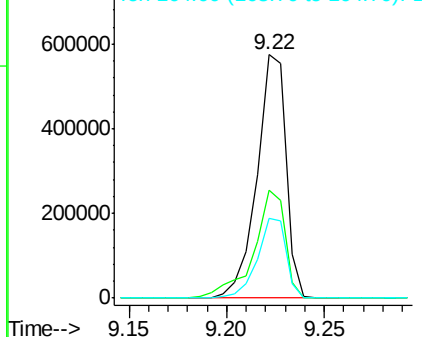
Lab File: BF098011.D

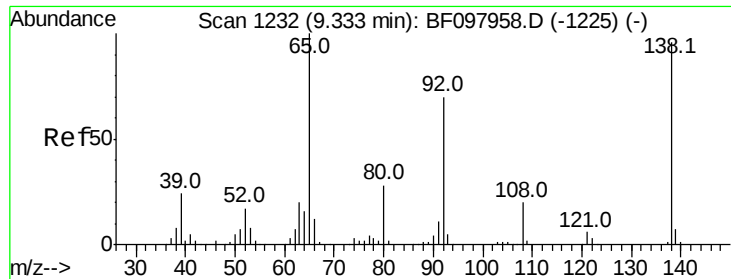
Acq: 24 Aug 2017 19:34

Tgt Ion:	162	Resp:	594295
Ion Ratio	Lower	Upper	
162	100		
127	44.5	28.3	42.5#
164	32.7	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





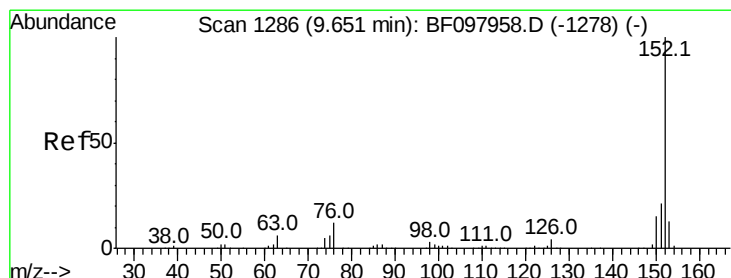
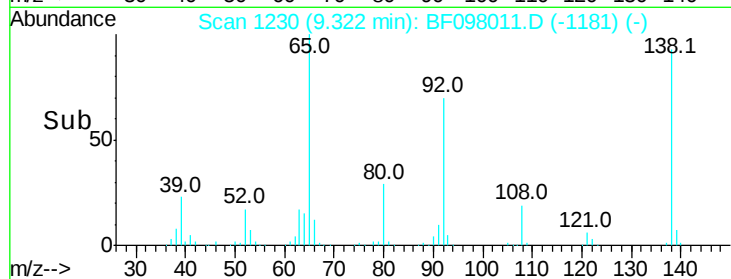
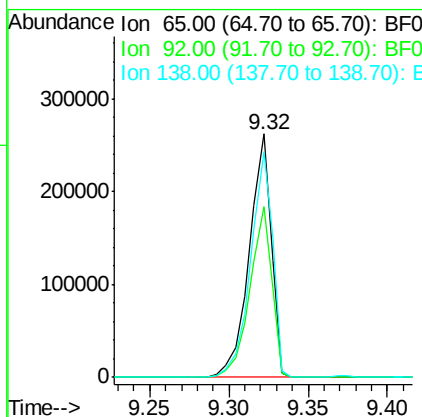
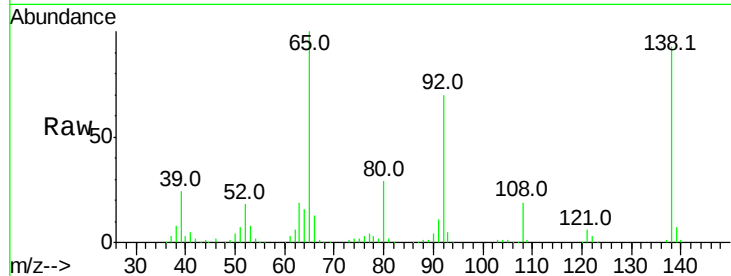
#47
2-Nitroaniline
Concen: 55.957 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.9	80.9
138	92.7	78.8	118.2

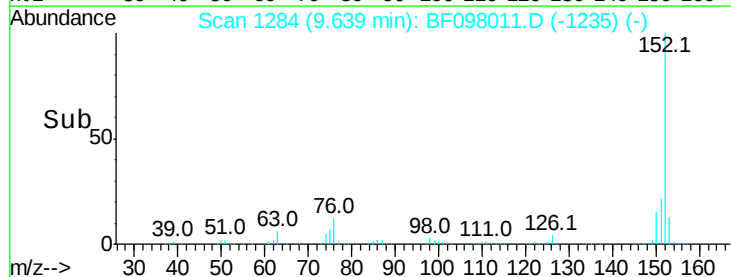
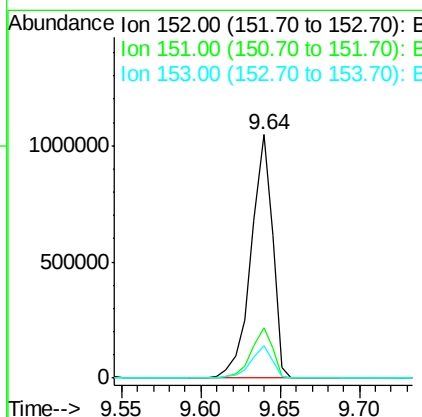
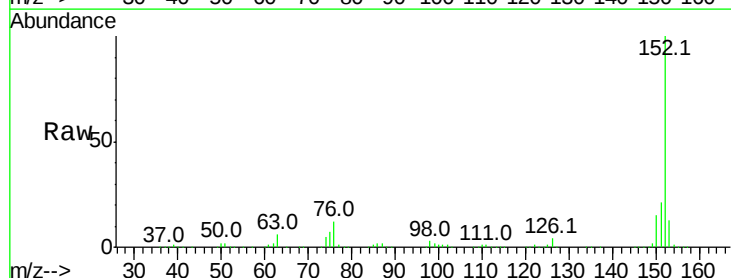
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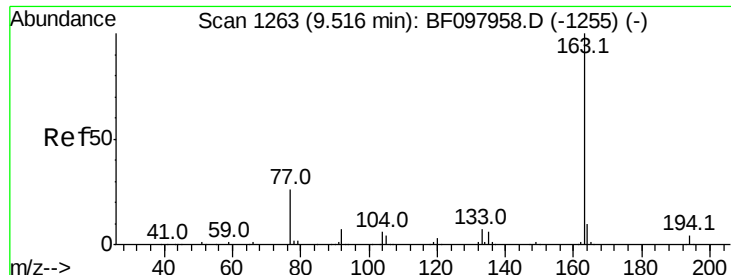
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#48
Acenaphthylene
Concen: 46.129 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.8	16.2





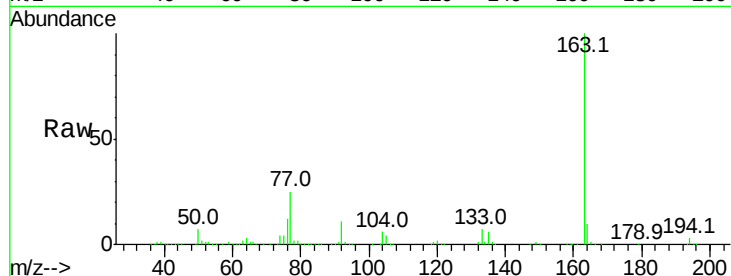
#49
Dimethylphthalate
Concen: 62.790 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

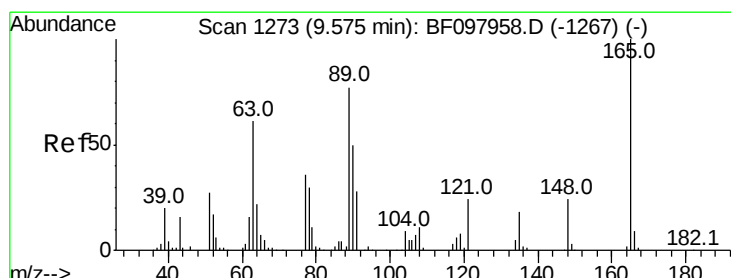
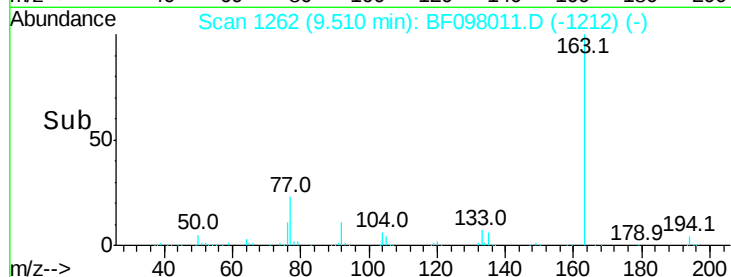
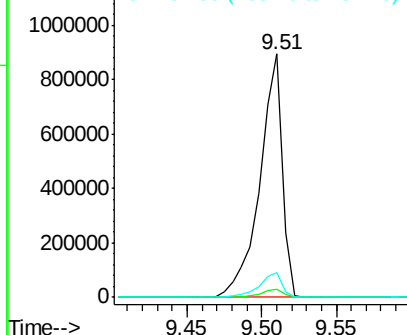
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.2	8.4	12.6	

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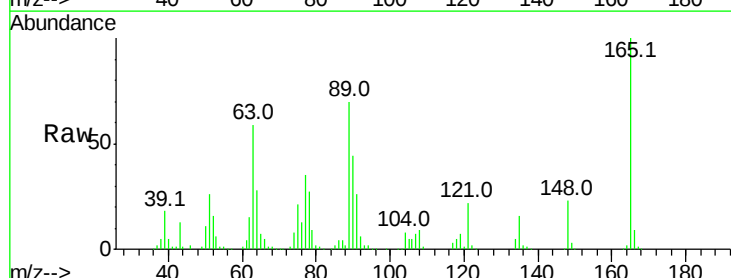


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

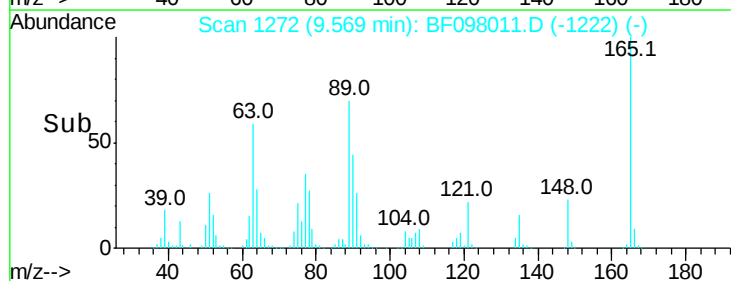
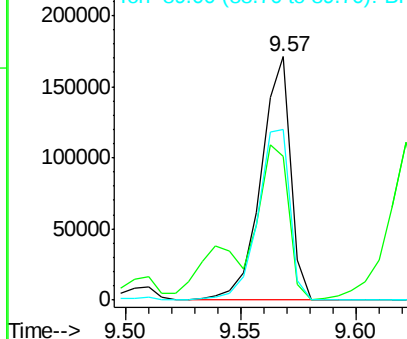


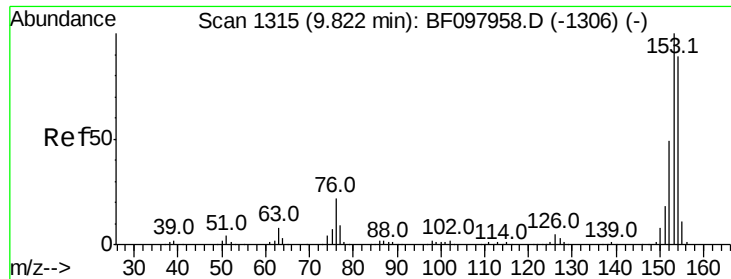
#50
2,6-Dinitrotoluene
Concen: 52.389 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.9	34.3	51.5#	
89	70.3	37.1	55.7#	



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





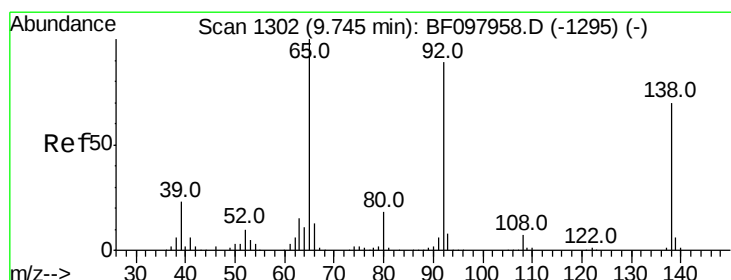
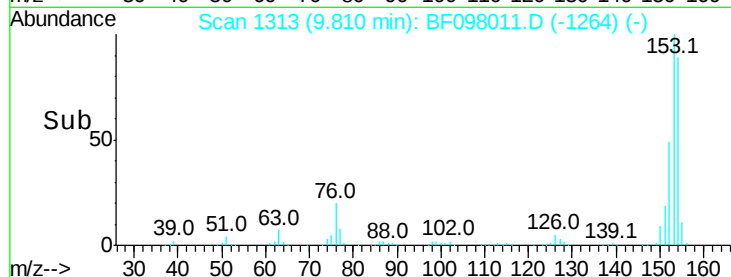
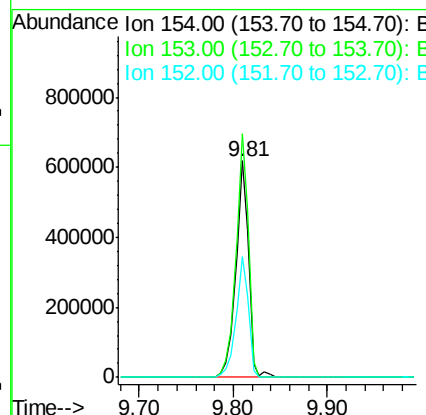
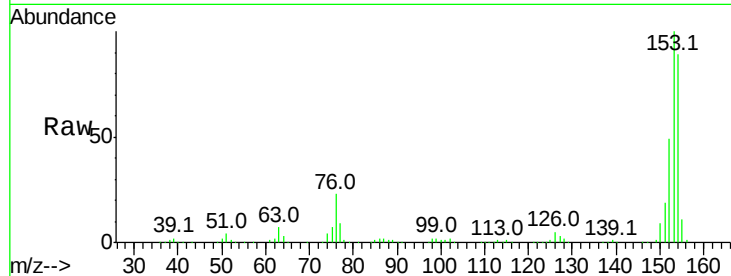
#51
Acenaphthene
Concen: 43.579 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.5	135.7
152	55.6	43.6	65.4

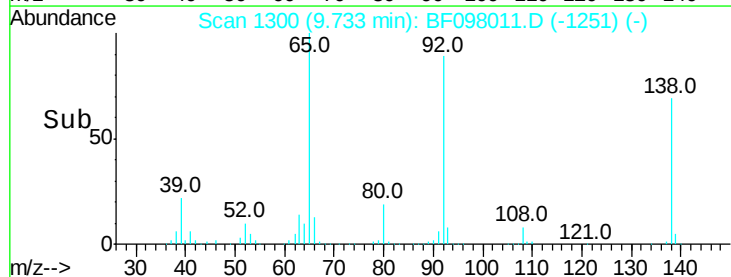
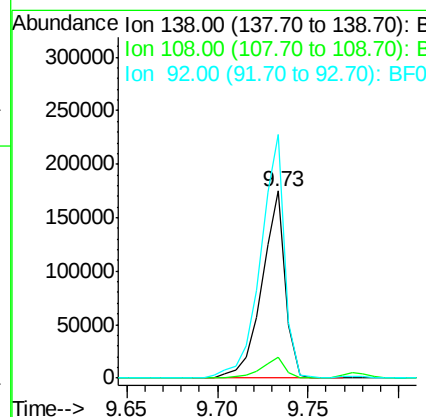
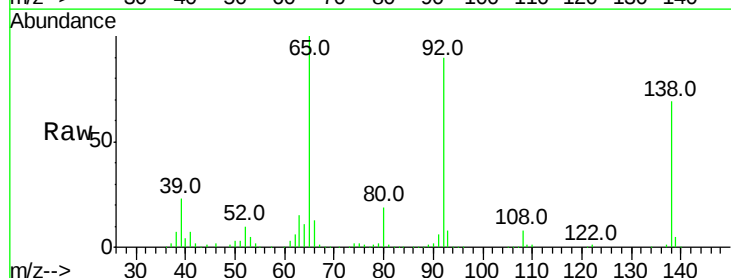
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#52
3-Nitroaniline
Concen: 41.287 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	130.4	93.8	140.6





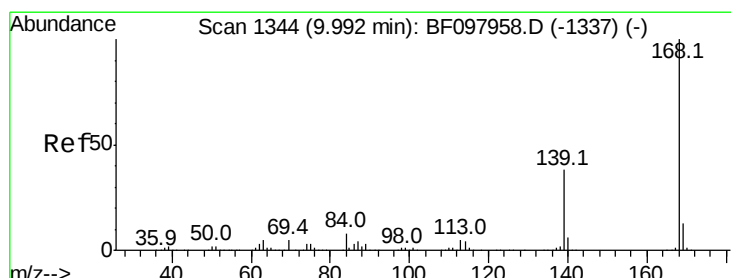
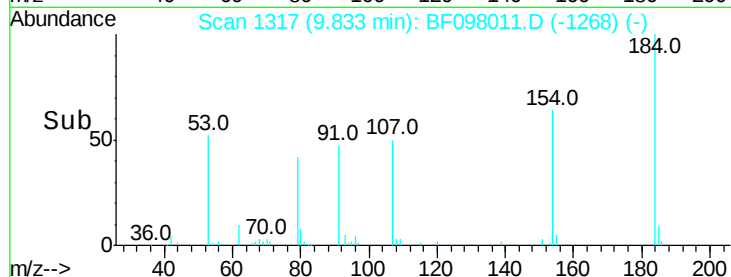
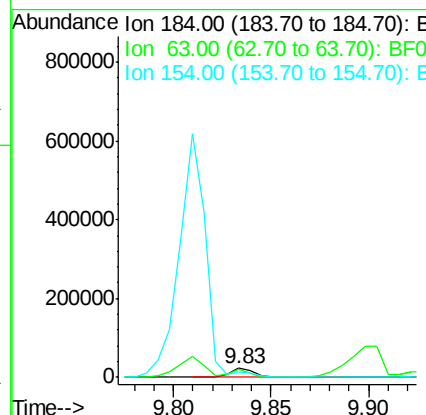
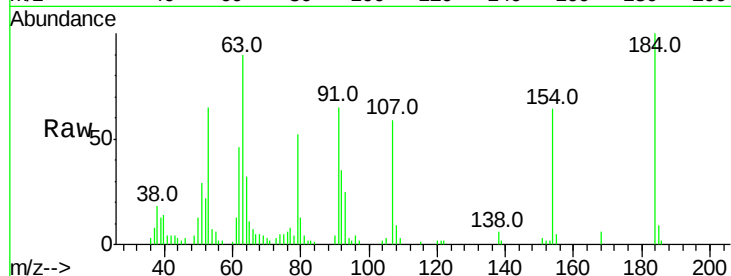
#53
2,4-Dinitrophenol
Concen: 22.658 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampled :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	19925		
63	89.9	62.7	94.1	
154	63.9	81.1	121.7	

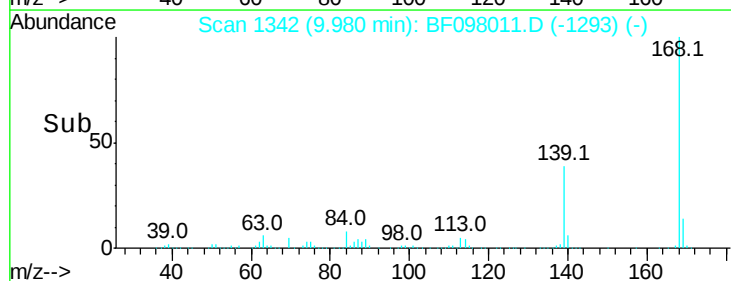
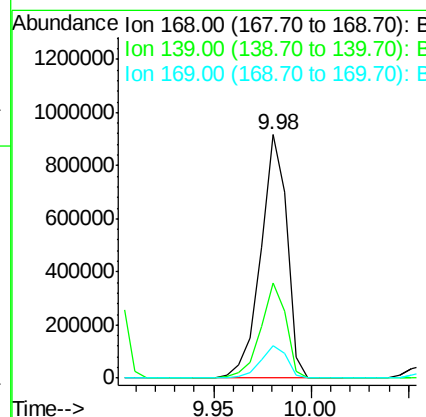
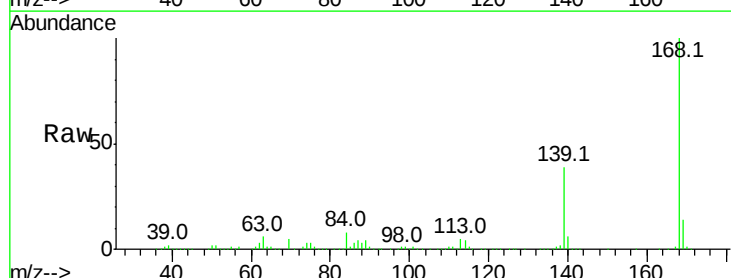
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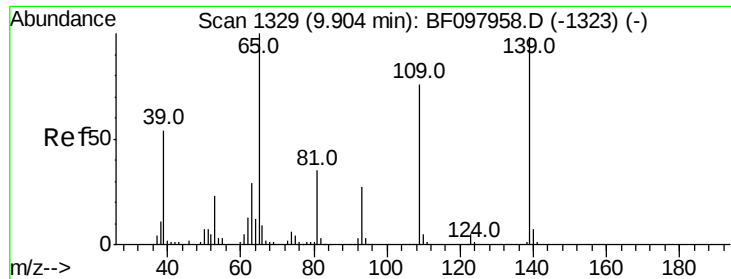
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#54
Dibenzofuran
Concen: 47.477 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	850443		
139	39.0	30.6	45.8	
169	13.5	10.8	16.2	





#55

4-Nitrophenol

Concen: 95.236 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

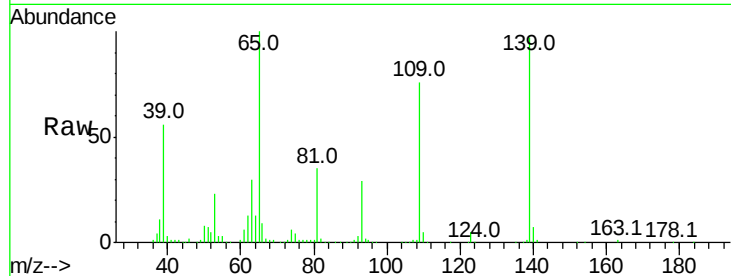
ClientSampleId :

RWB-1MSD

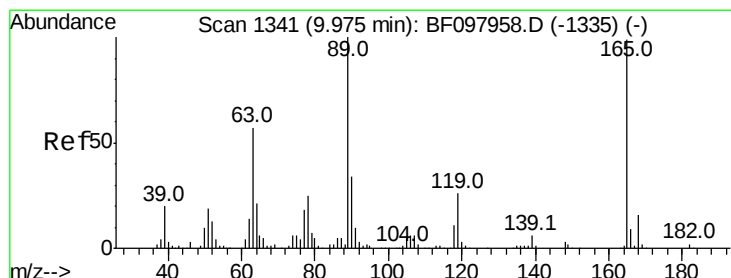
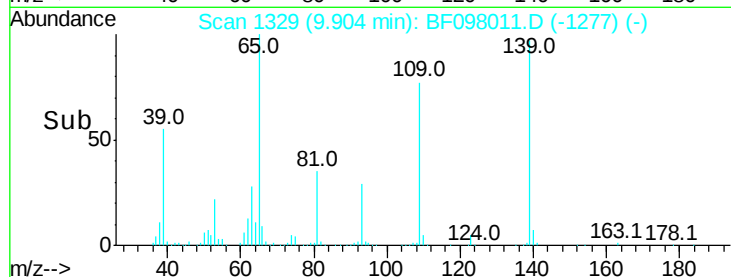
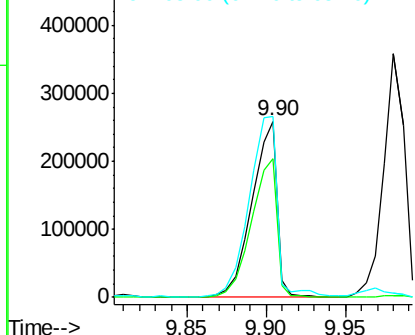
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.7	34.1	74.1#	
65	103.0	31.4	71.4#	

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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: 55.065 ng

RT: 9.97 min Scan# 1340

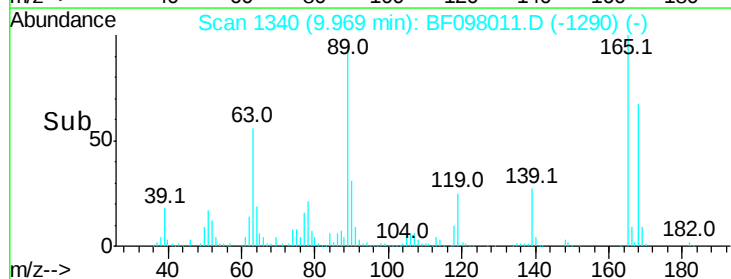
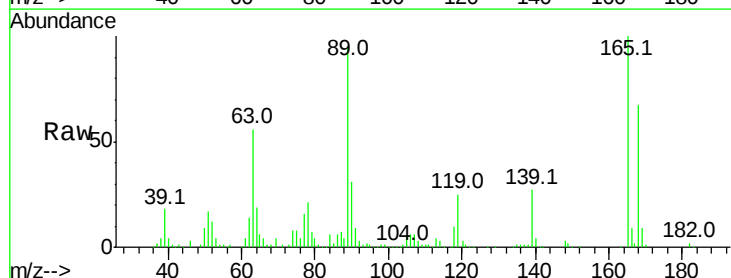
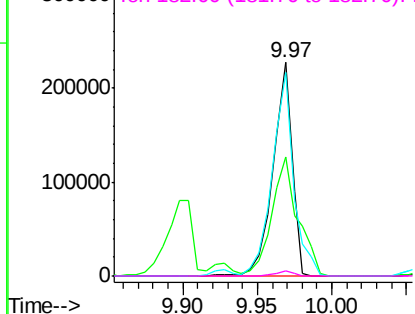
Delta R.T. -0.01 min

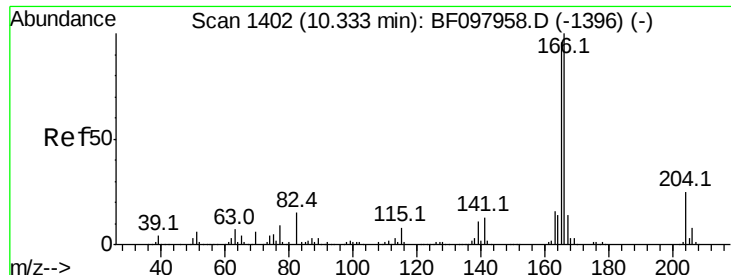
Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.0	25.4	38.0#	
89	95.4	46.4	69.6#	
182	2.3	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: 45.015 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

ClientSampleId :

RWB-1MSD

Tot Ion:166 Resp: 623418

Ion Ratio Lower Upper

166 100

165 95.1 78.8 118.2

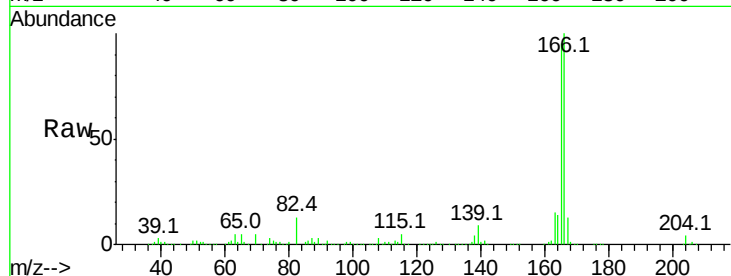
167 13.2 10.6 16.0

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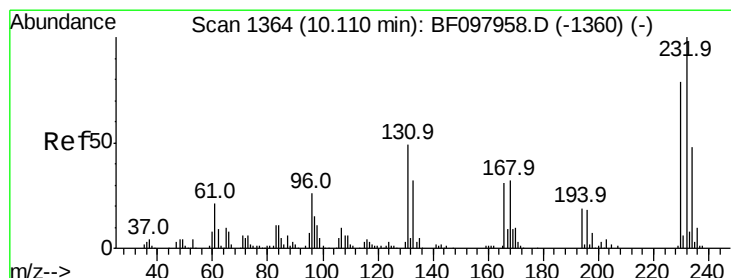
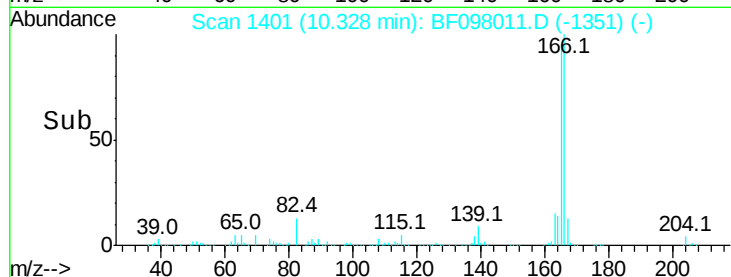
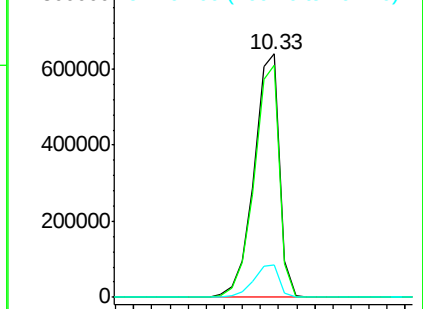
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.388 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion:232 Resp: 166055

Ion Ratio Lower Upper

232 100

131 53.2 44.8 67.2

130 2.9 2.3 3.5

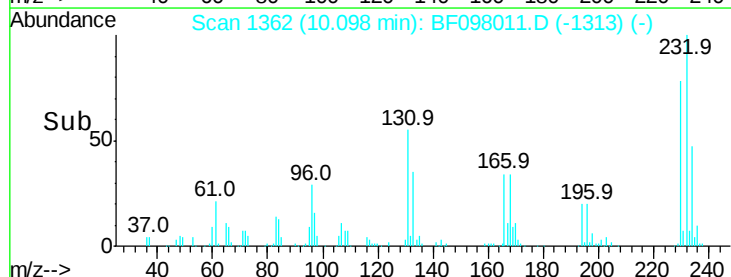
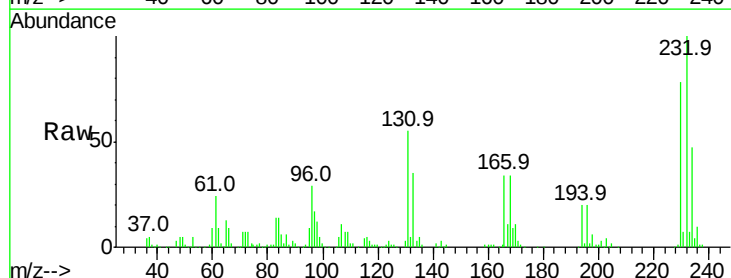
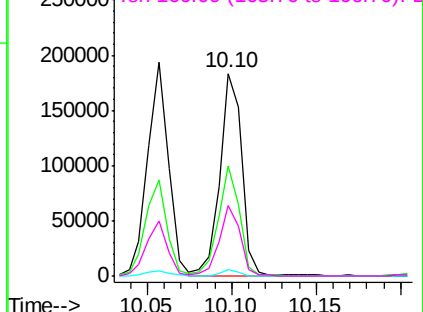
166 33.3 29.0 43.4

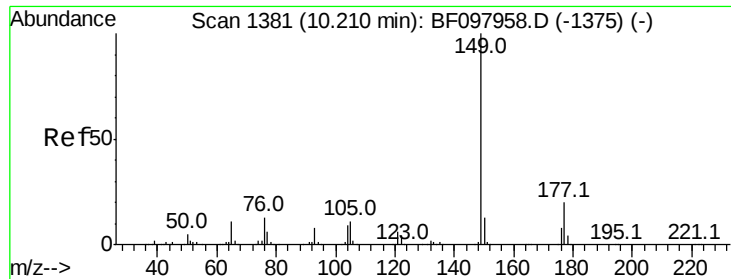
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





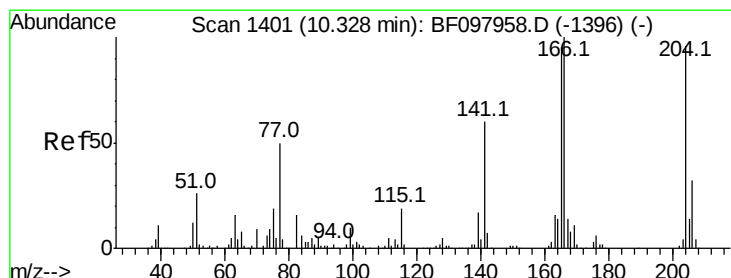
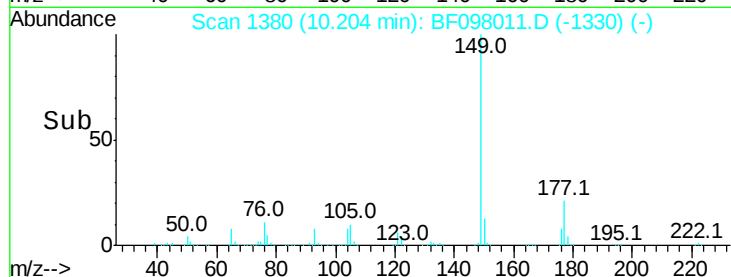
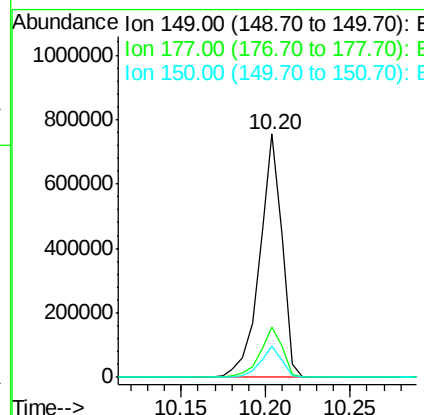
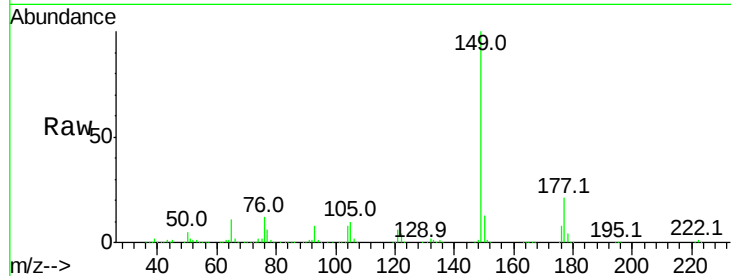
#59
Diethylphthalate
Concen: 45.363 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampled :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	694495		
177	20.8	16.7	25.1	
150	12.6	10.2	15.2	

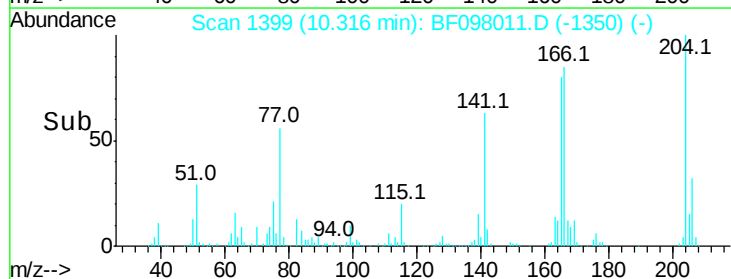
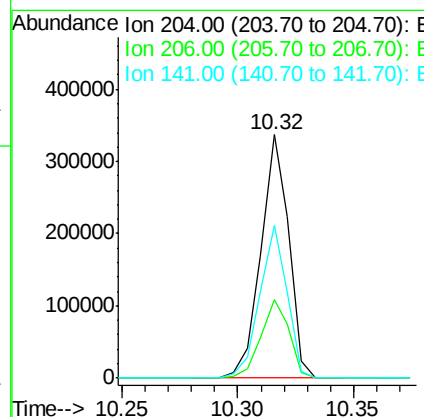
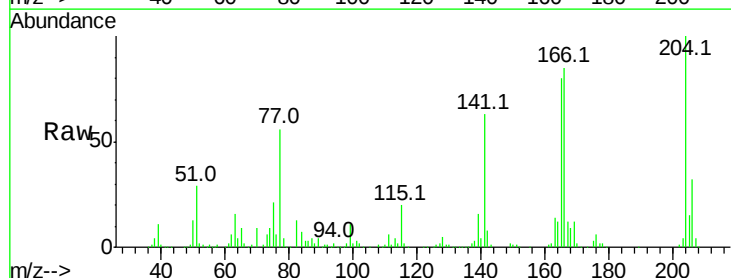
Manual Integrations
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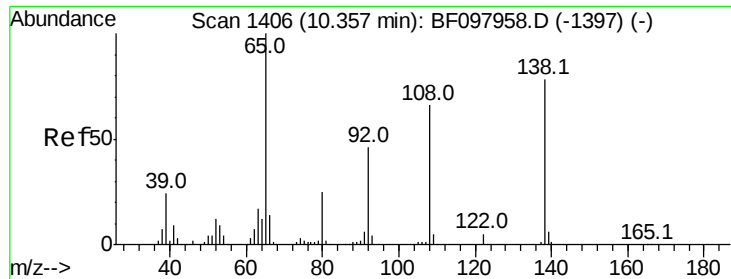
Sohil
8/25/2017 5:40:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.035 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	283314		
206	32.4	26.2	39.2	
141	62.8	60.8	91.2	





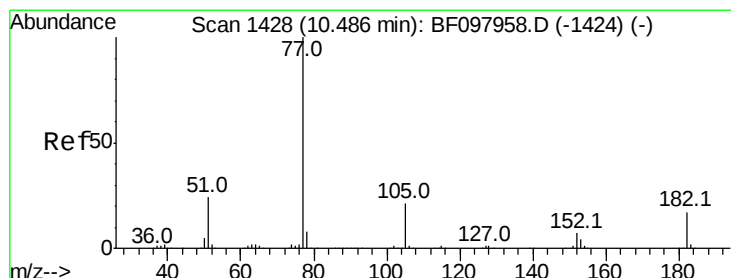
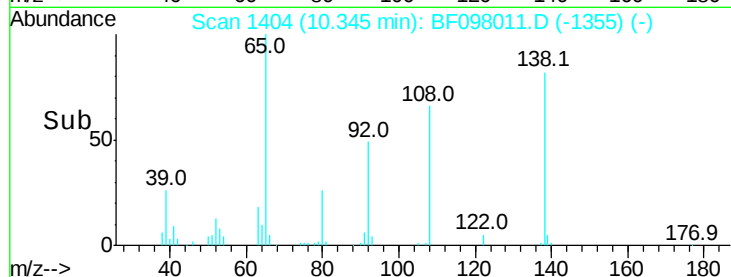
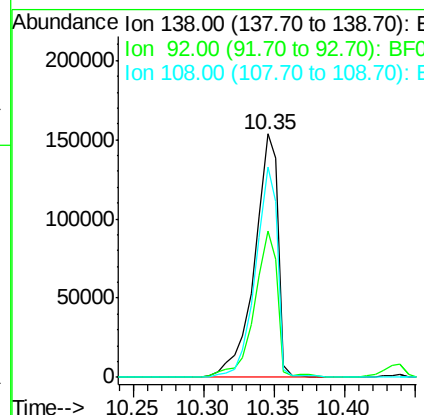
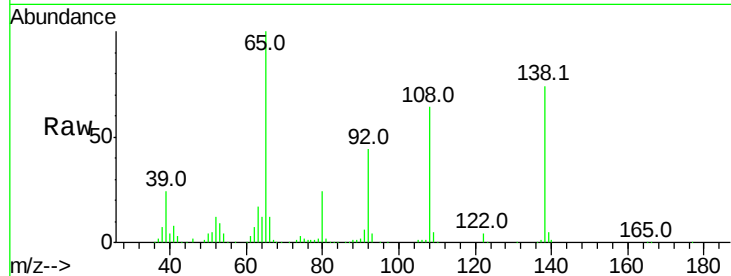
#61
4-Nitroaniline
Concen: 50.208 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampled :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	179920		
92	60.1	21.8	61.8	
108	86.4	42.3	82.3	

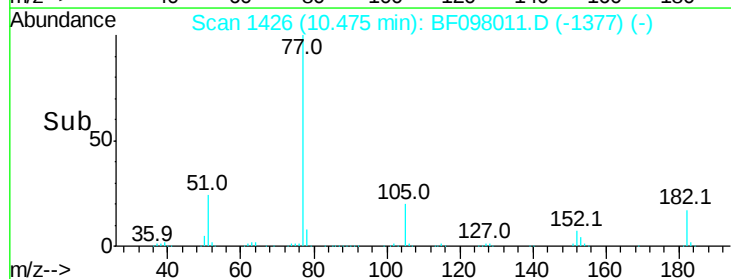
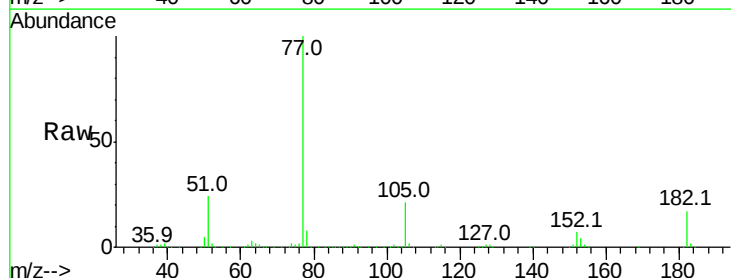
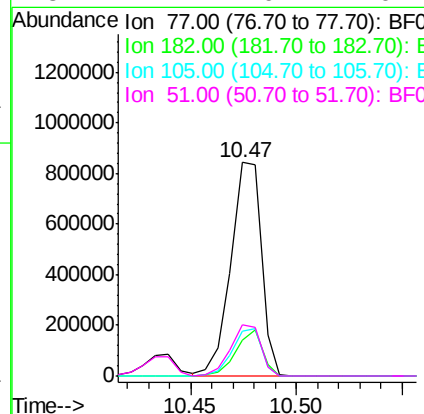
Manual Integrations
APPROVED

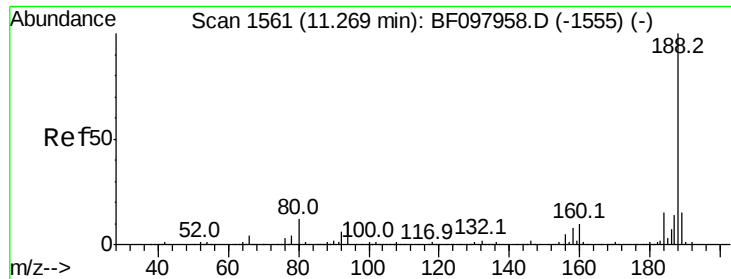
Sohil
8/25/2017 5:40:10 PM



#62
Azobenzene
Concen: 46.382 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	843490		
182	16.9	0.1	40.1	
105	20.8	3.6	43.6	
51	24.2	9.4	49.4	





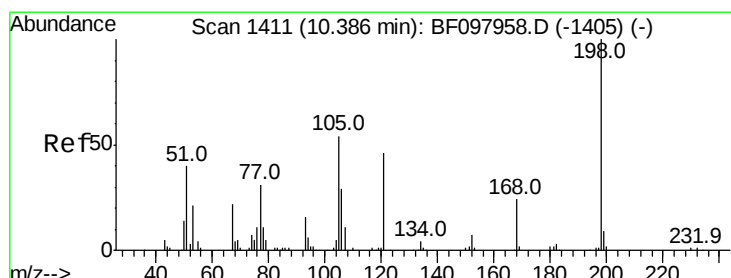
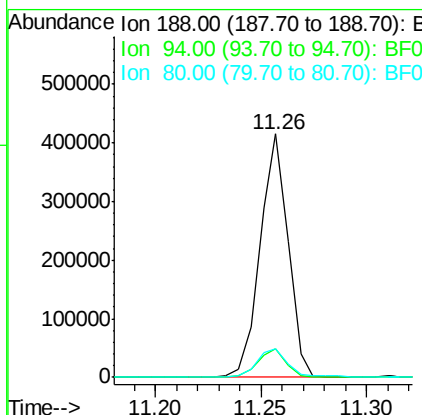
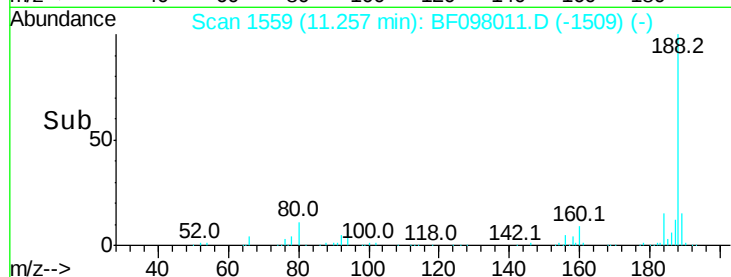
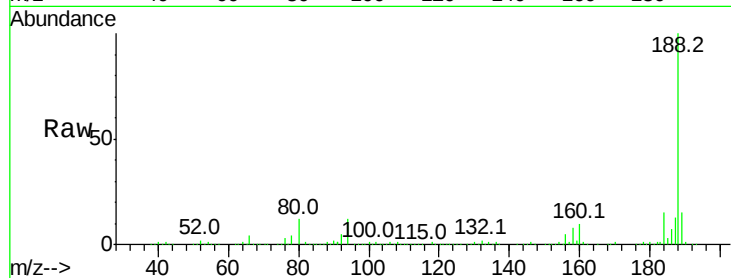
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampled :
RWB-1MSD

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

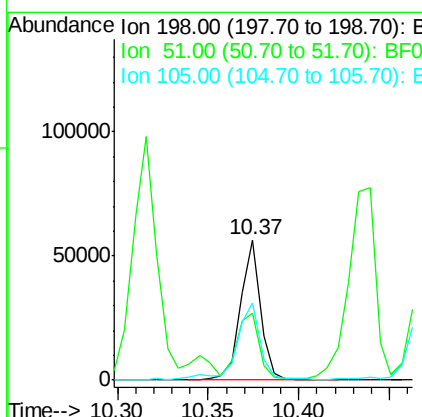
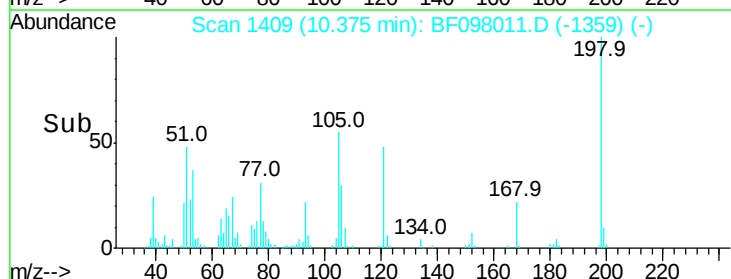
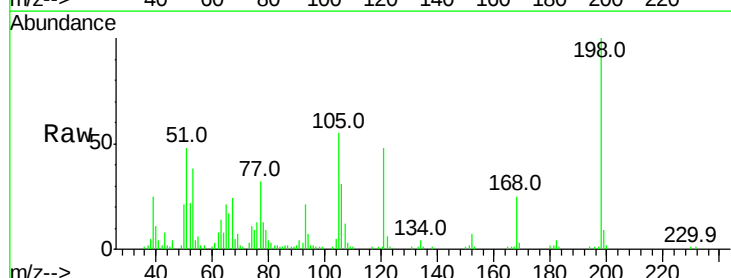
Manual Integrations
APPROVED

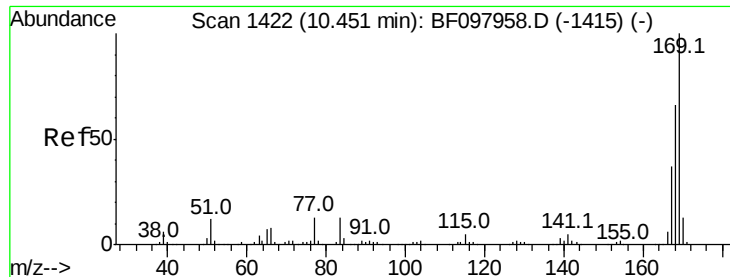
Sohil
8/25/2017 5:40:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 28.470 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.6	53.2	93.2#
105	55.2	45.8	85.8





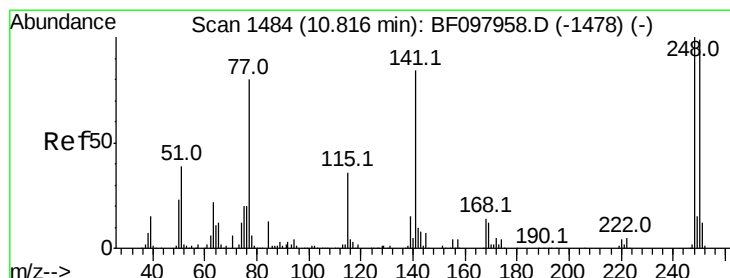
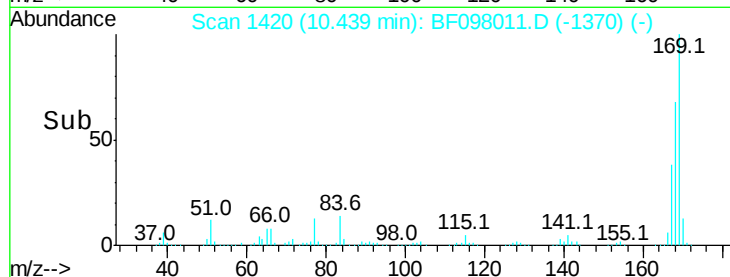
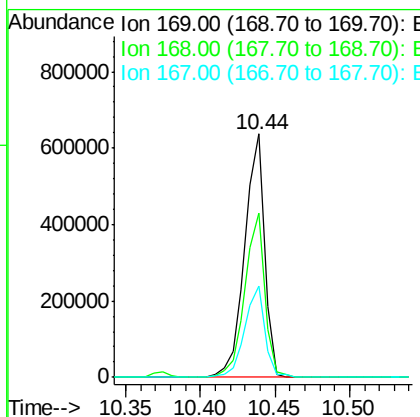
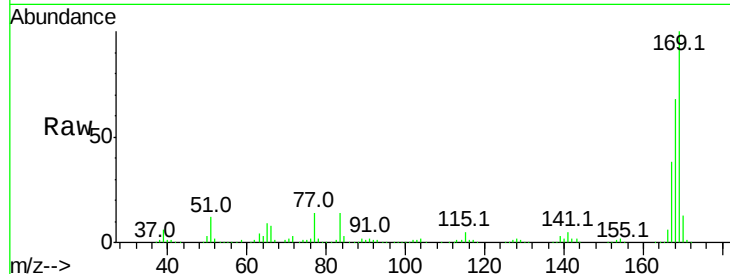
#65
n-Nitrosodiphenylamine
Concen: 45.162 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	587135		
168	67.6	53.2	79.8	
167	37.6	29.5	44.3	

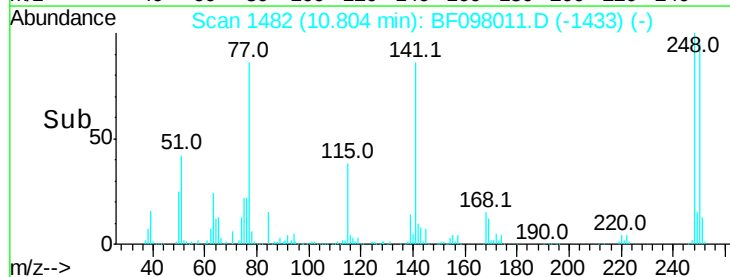
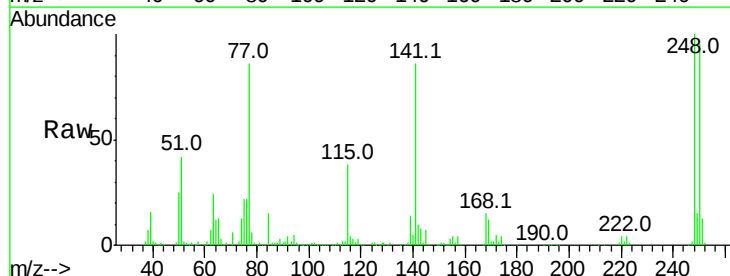
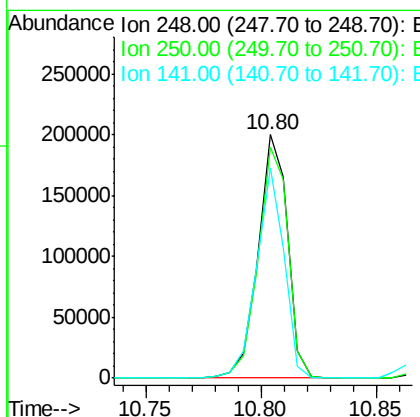
Manual Integrations
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8/25/2017 5:40:10 PM



#66
4-Bromophenyl-phenylether
Concen: 44.774 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	177507		
250	95.0	76.8	115.2	
141	86.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 42.635 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

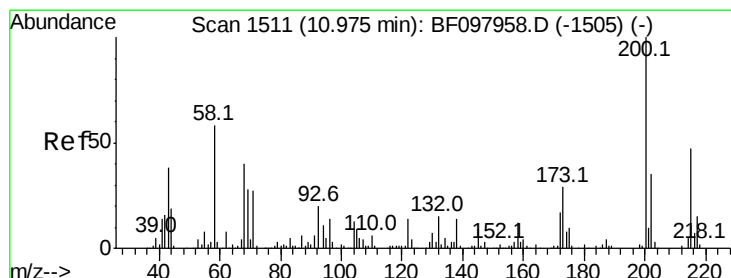
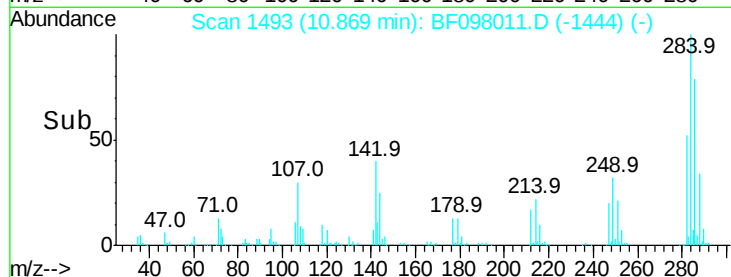
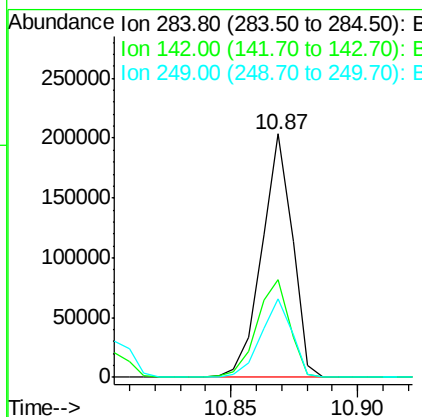
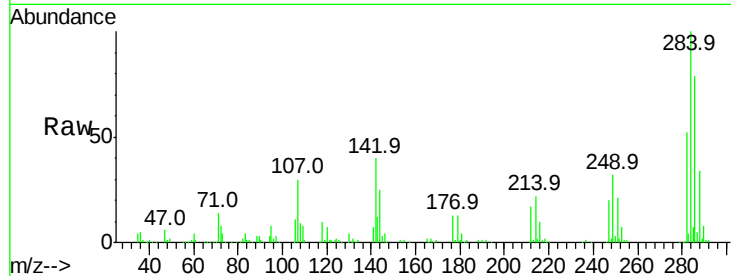
ClientSampled :

RWB-1MSD

Tot Ion:	284	Resp:	172283
Ion Ratio	Lower	Upper	
284	100		
142	40.3	22.8	34.2#
249	32.3	24.0	36.0

Manual Integrations
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8/25/2017 5:40:10 PM



#68

Atrazine

Concen: 48.097 ng

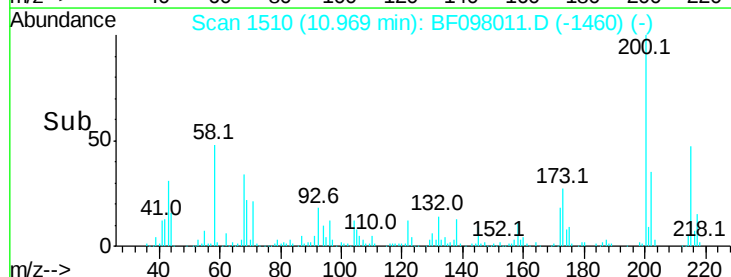
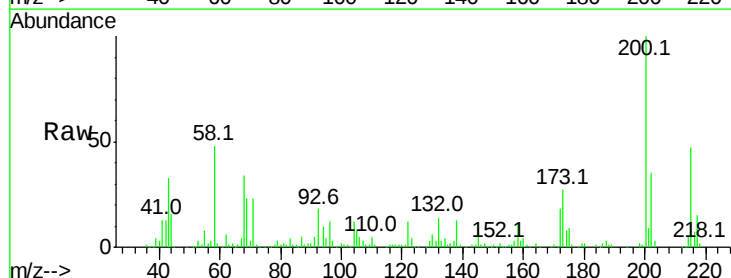
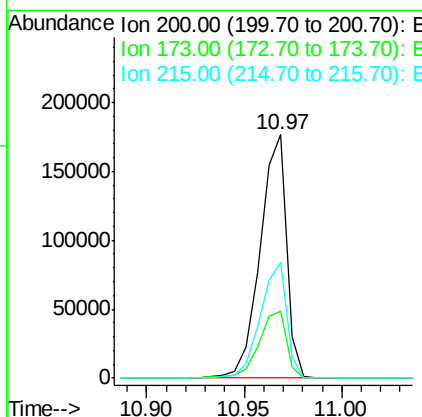
RT: 10.97 min Scan# 1510

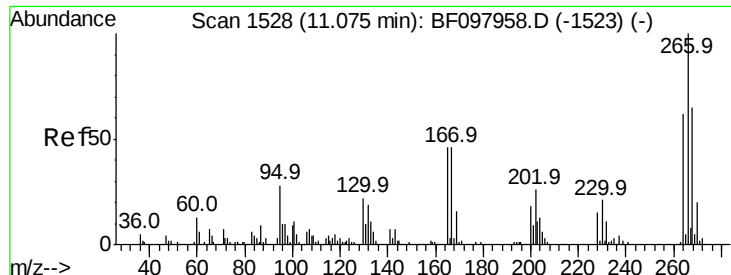
Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion:	200	Resp:	165827
Ion Ratio	Lower	Upper	
200	100		
173	27.4	6.3	46.3
215	47.4	27.2	67.2





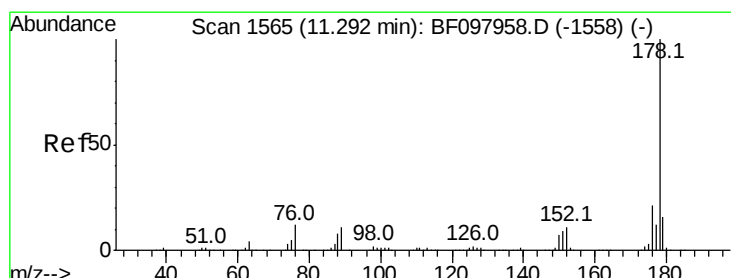
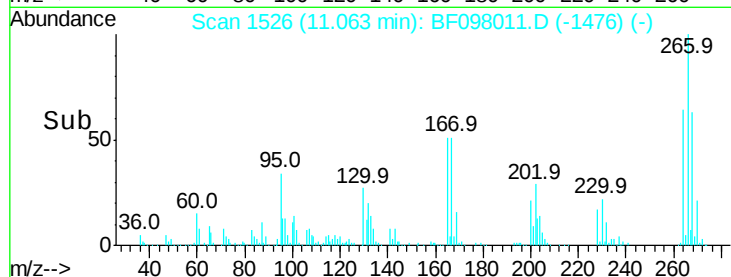
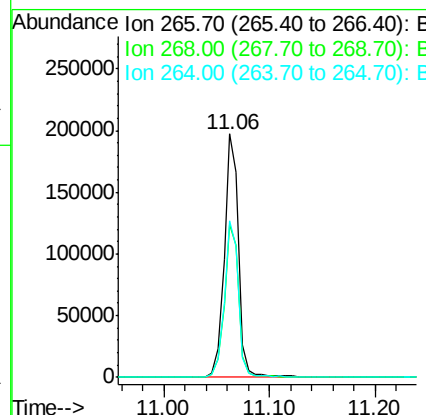
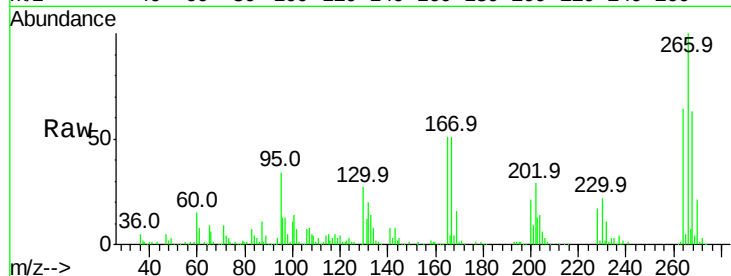
#69
 Pentachlorophenol
 Concen: 79.739 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampled :
 RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	187869		
268	62.9	51.1	76.7	
264	64.2	51.7	77.5	

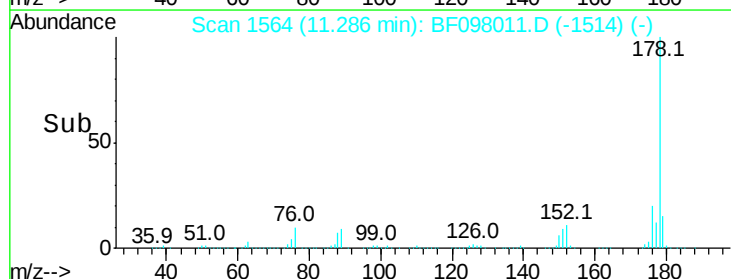
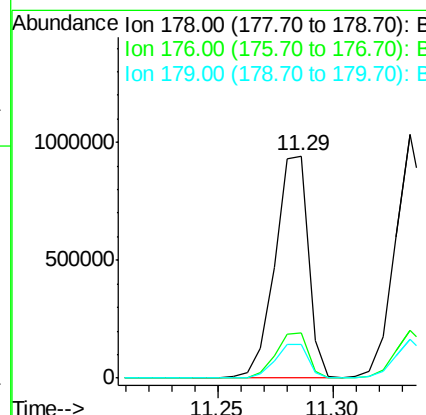
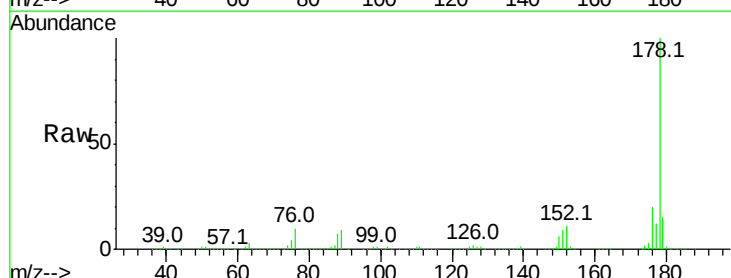
Manual Integrations
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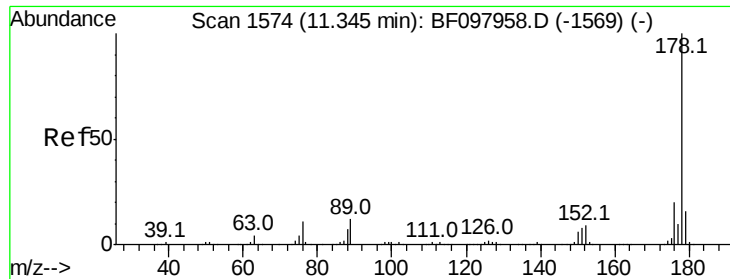
Sohil
 8/25/2017 5:40:10 PM



#70
 Phenanthrene
 Concen: 46.162 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	939119		
176	20.2	16.2	24.4	
179	15.3	12.6	19.0	





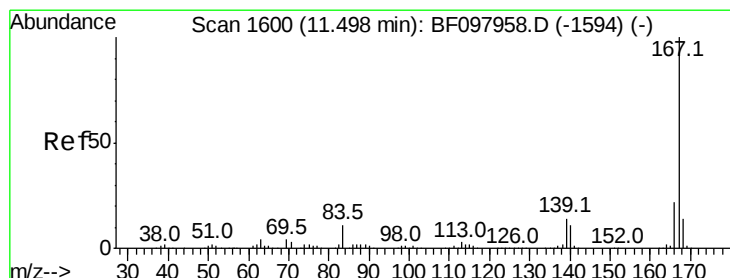
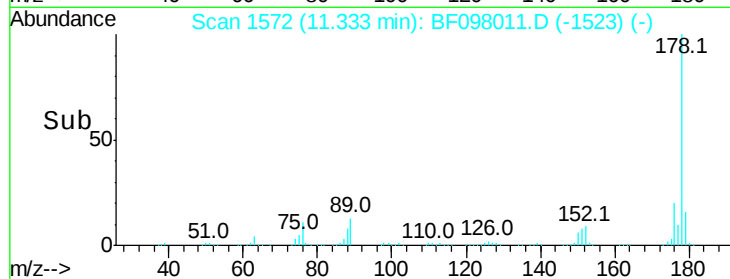
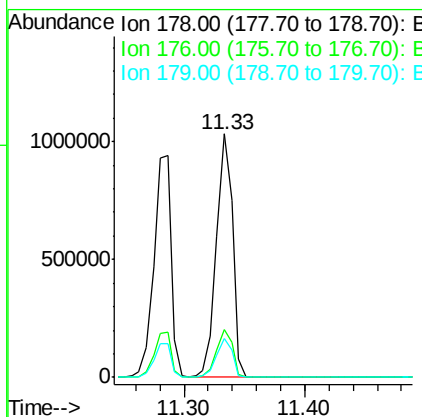
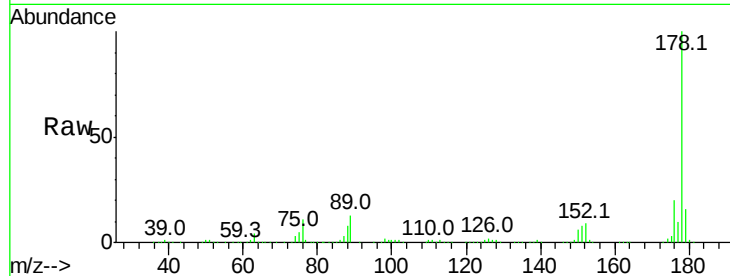
#71
 Anthracene
 Concen: 45.880 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	12.7	19.1

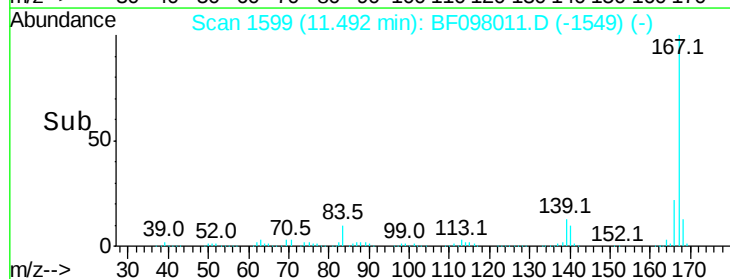
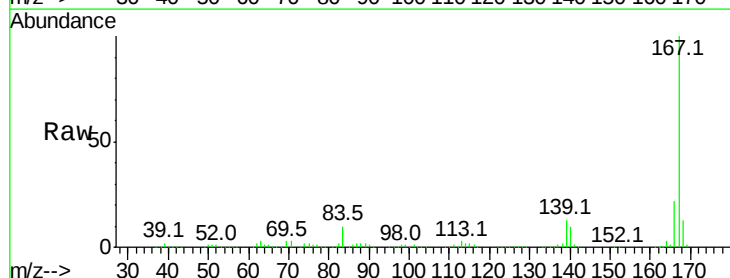
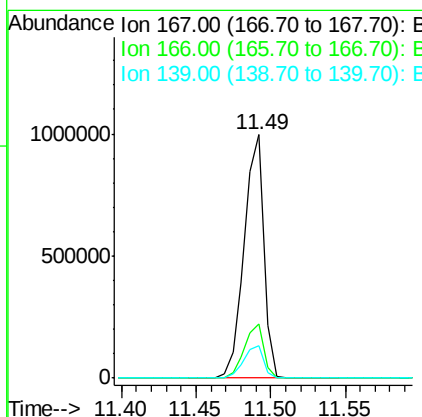
Manual Integrations
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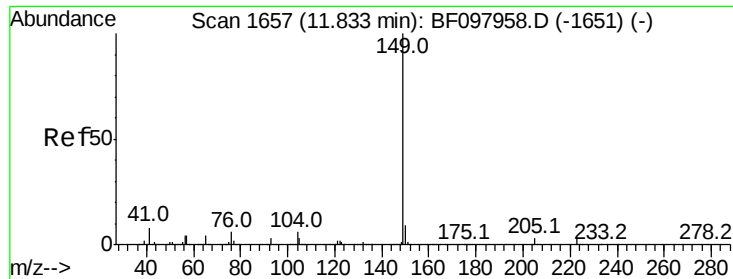
Sohil
 8/25/2017 5:40:10 PM



#72
 Carbazole
 Concen: 46.672 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.4	11.7	17.5





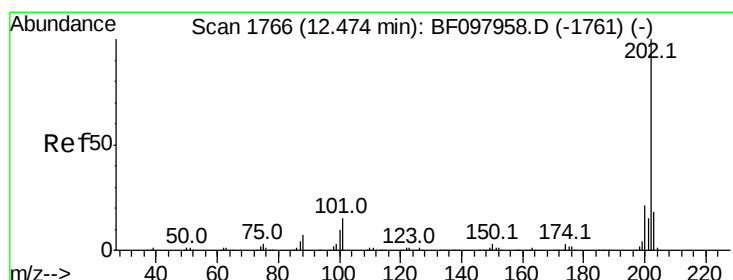
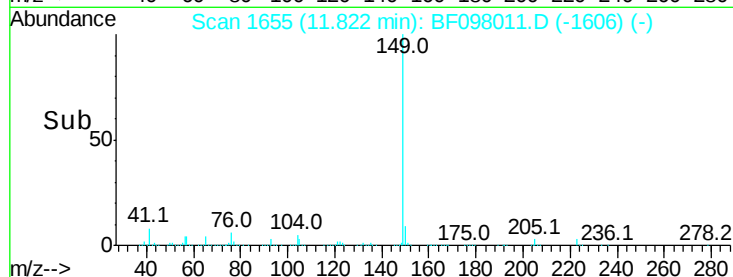
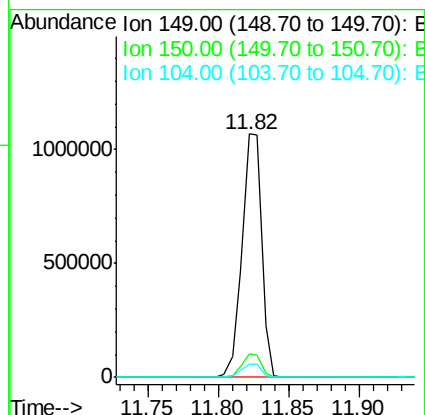
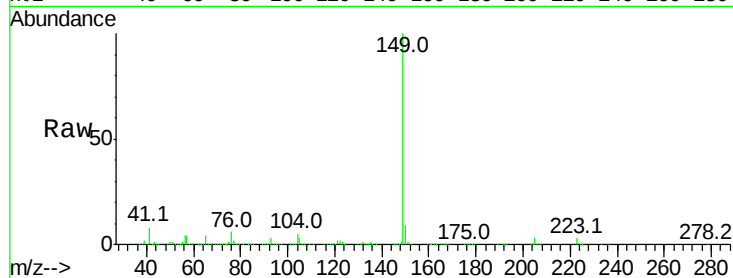
#73
Di-n-butylphthalate
Concen: 46.169 ng
RT: 11.82 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.5	4.0	6.0

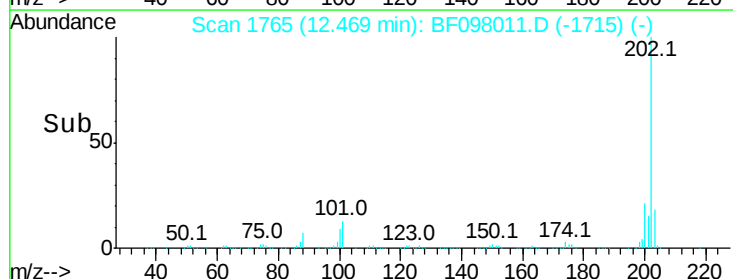
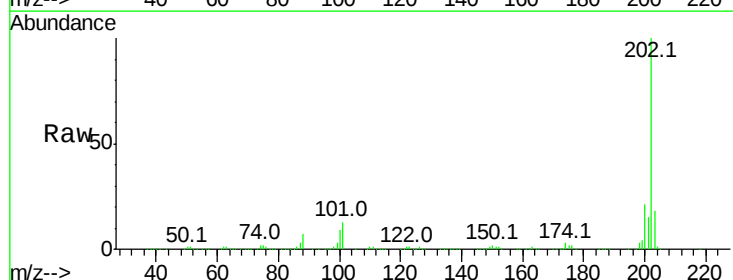
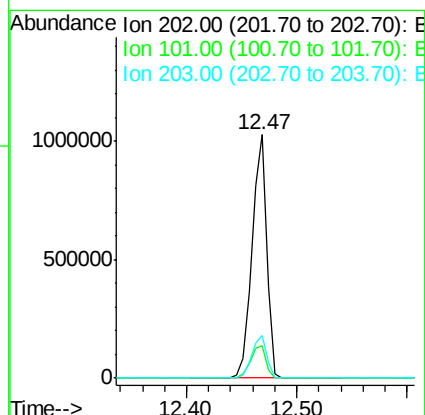
Manual Integrations
APPROVED

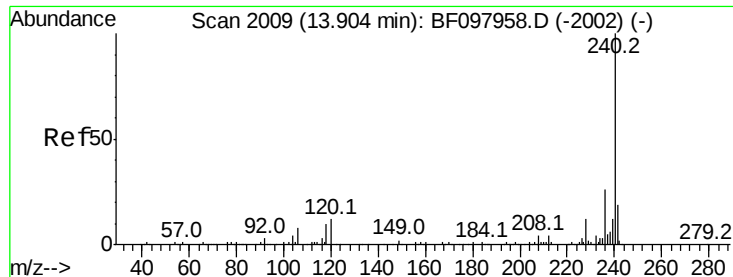
Sohil
8/25/2017 5:40:10 PM



#74
Fluoranthene
Concen: 45.201 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

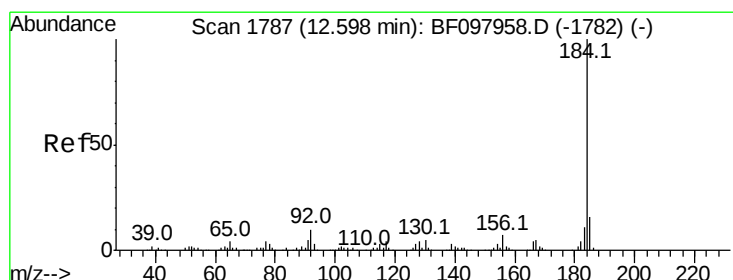
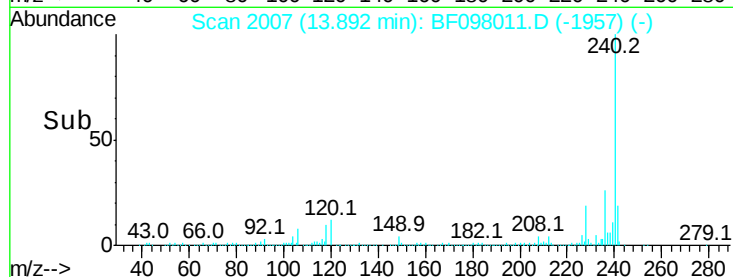
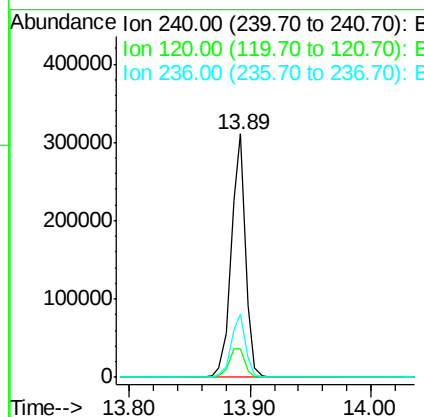
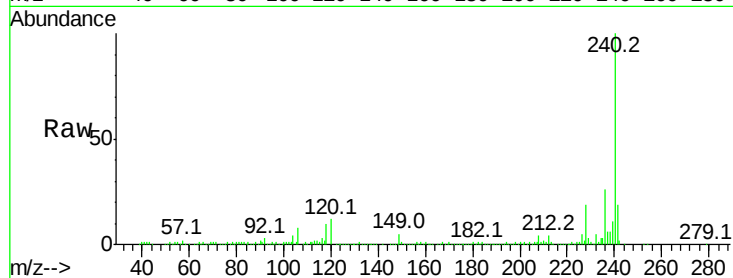
ClientSampleId :

RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	253754		
120	11.7	5.8	8.8#	
236	25.9	20.5	30.7	

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#76

Benzidine

Concen: 57.533 ng

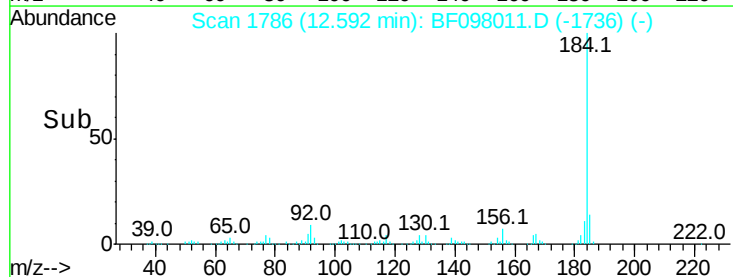
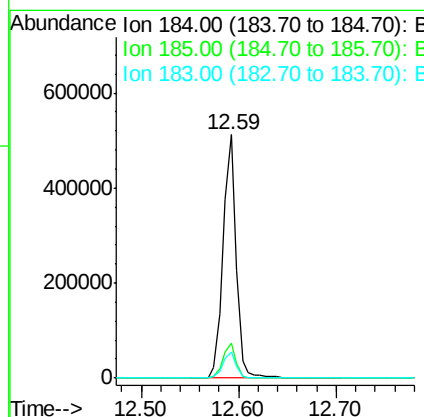
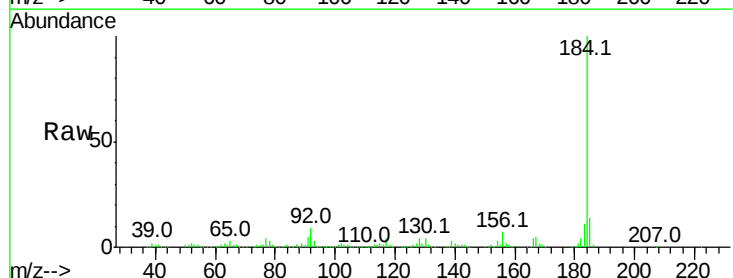
RT: 12.59 min Scan# 1786

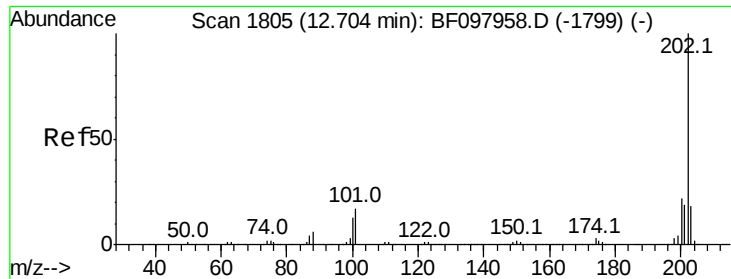
Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	478672		
185	14.3	15.5	23.3#	
183	10.9	9.8	14.6	





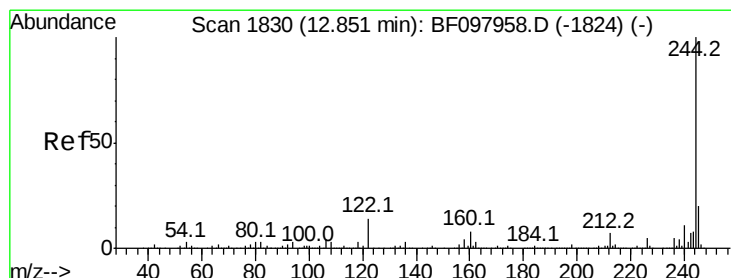
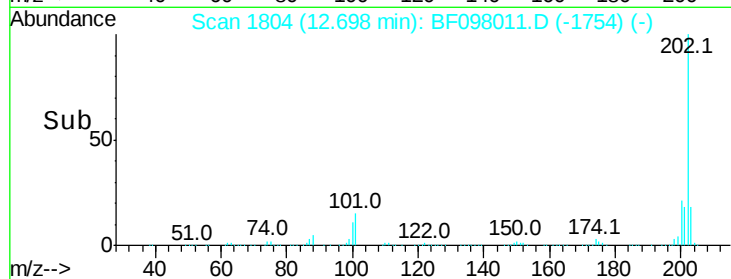
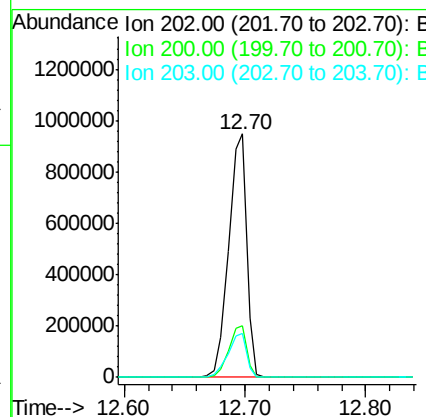
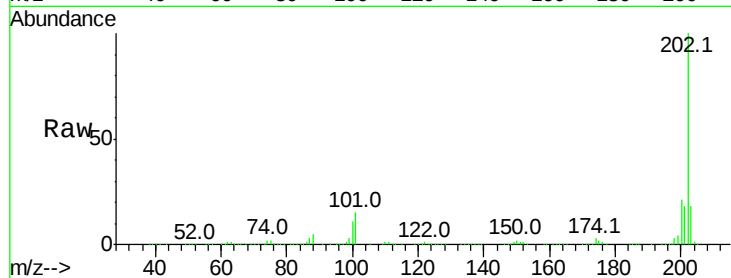
#77
Pvrene
Concen: 46.990 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	975236		
200	21.1		17.6	26.4
203	17.9		14.4	21.6

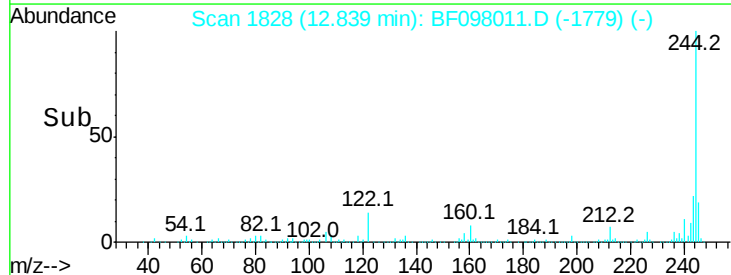
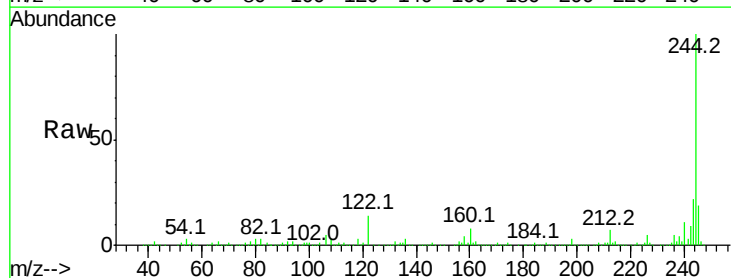
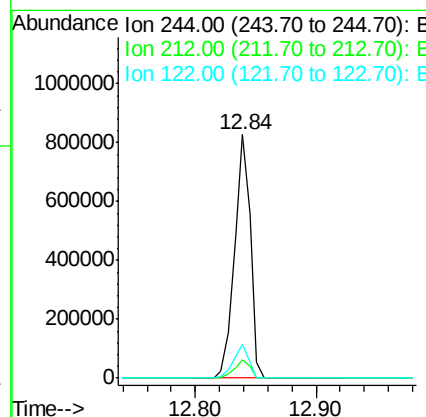
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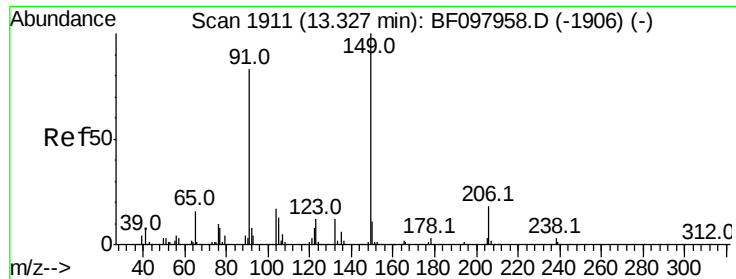
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#78
Terphenyl-d14
Concen: 61.598 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	749553		
212	7.5		6.0	9.0
122	13.6		10.3	15.5





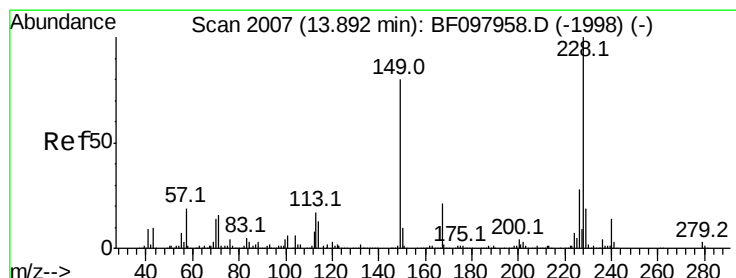
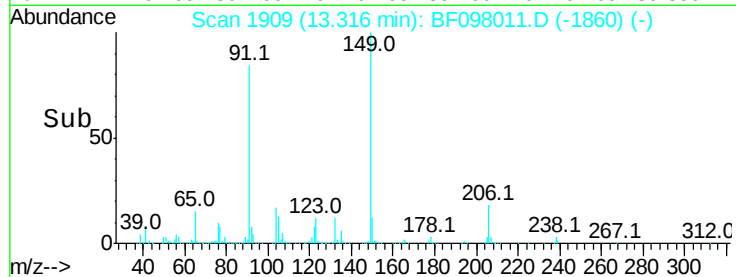
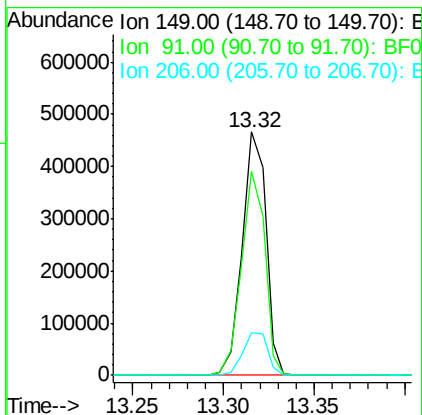
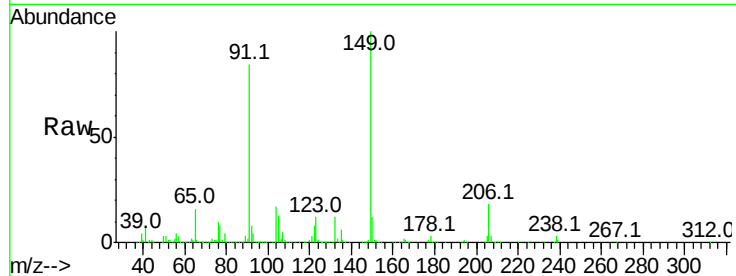
#79
Butylbenzylphthalate
Concen: 53.340 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	424440		
91	83.9	45.0	67.4#	
206	17.7	17.0	25.6	

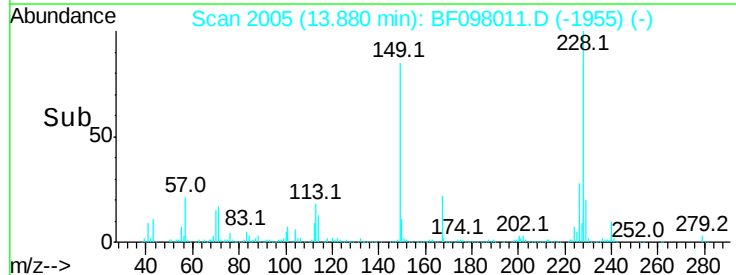
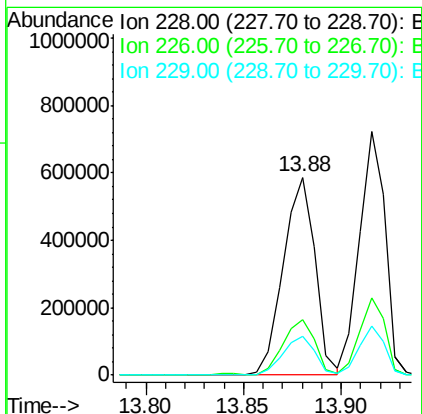
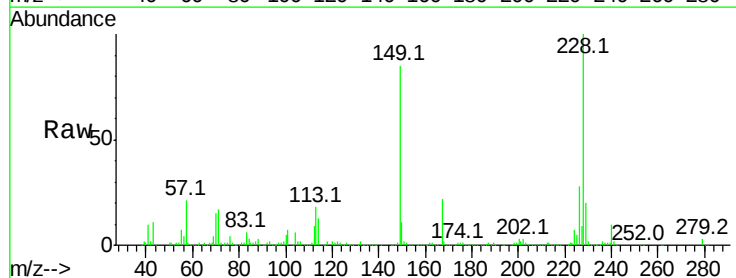
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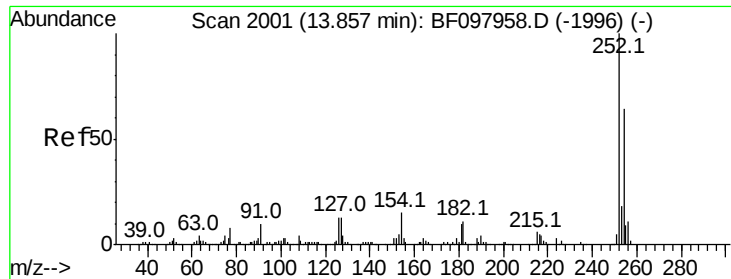
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#80
Benzo(a)anthracene
Concen: 43.501 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	661590		
226	28.0	22.6	33.8	
229	19.8	16.3	24.5	





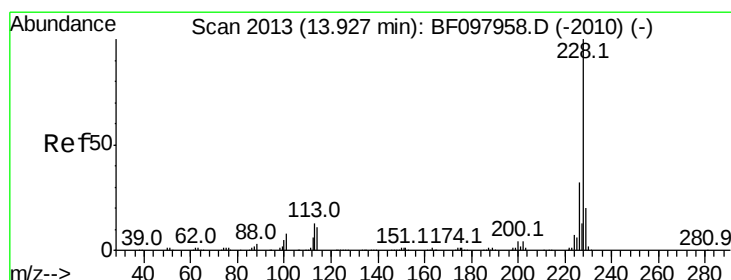
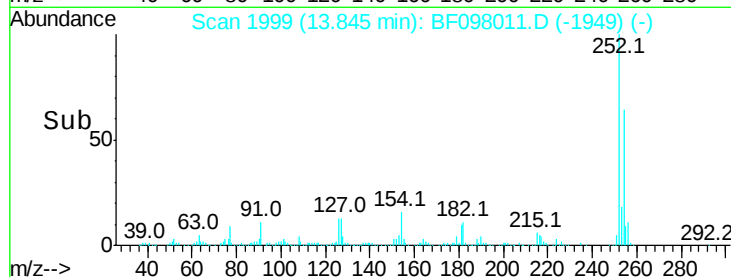
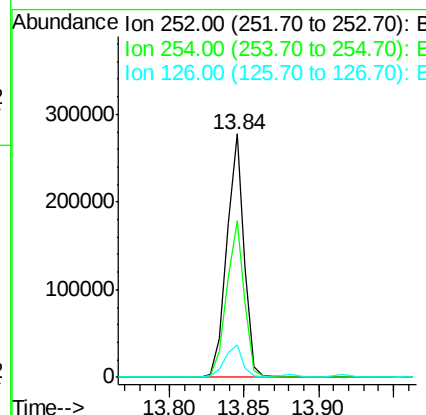
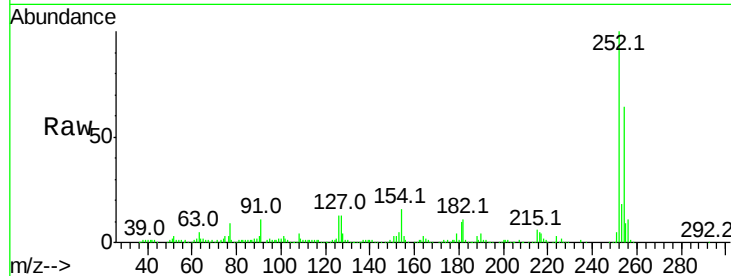
#81
 3,3'-Dichlorobenzidine
 Concen: 44.549 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampled :
 RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.3	51.5	77.3	
126	13.4	15.8	23.8	

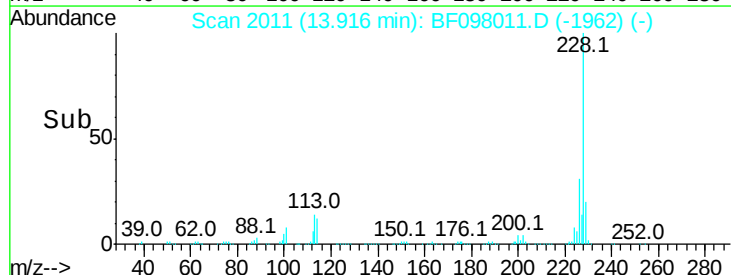
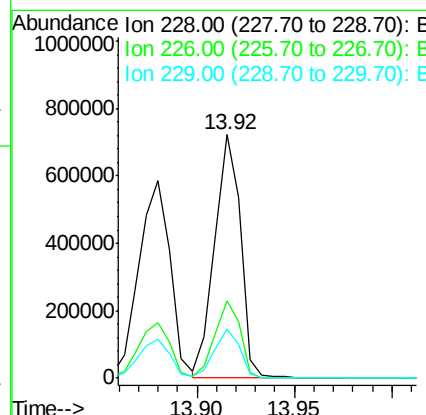
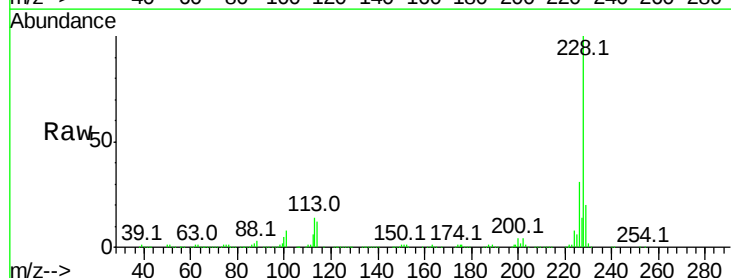
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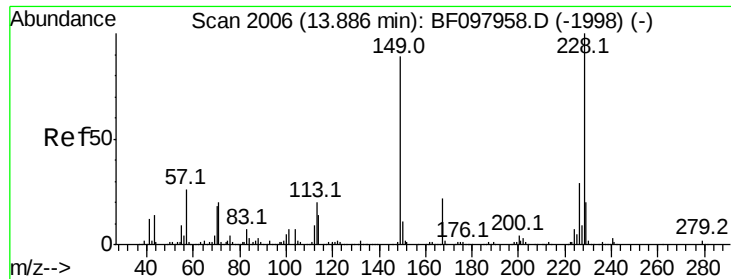
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#82
 Chrysene
 Concen: 43.735 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.5	24.9	37.3	
229	20.1	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.261 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Instrument :

BNA_F

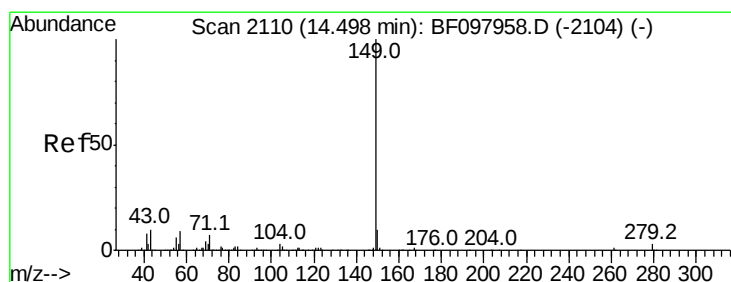
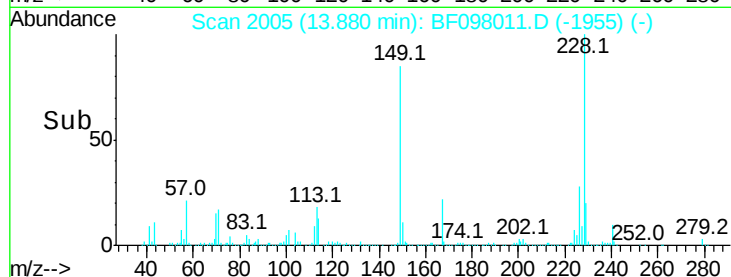
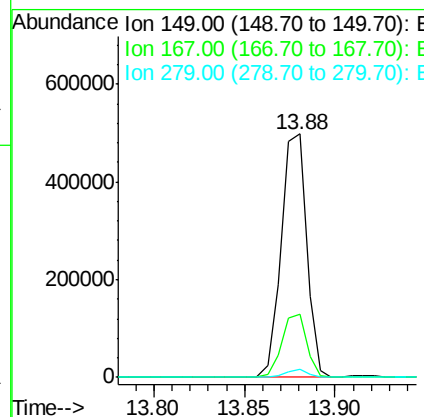
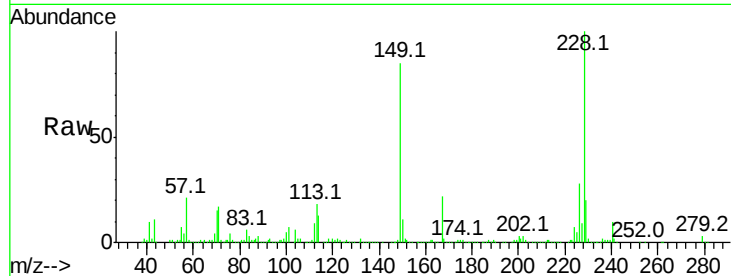
ClientSampleId :

RWB-1MSD

Tot Ion:	149	Resp:	487263
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	3.4	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 56.149 ng

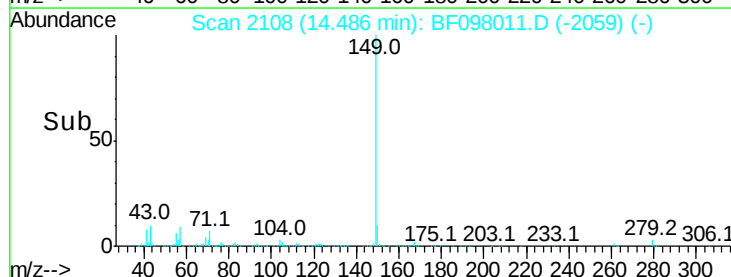
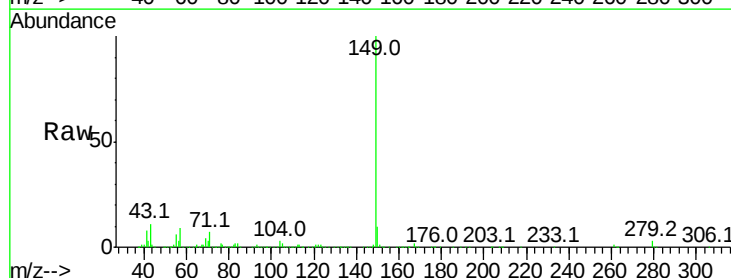
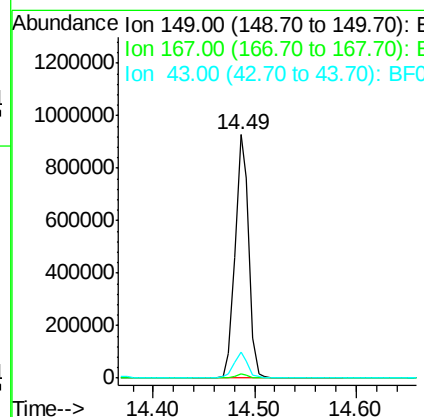
RT: 14.49 min Scan# 2108

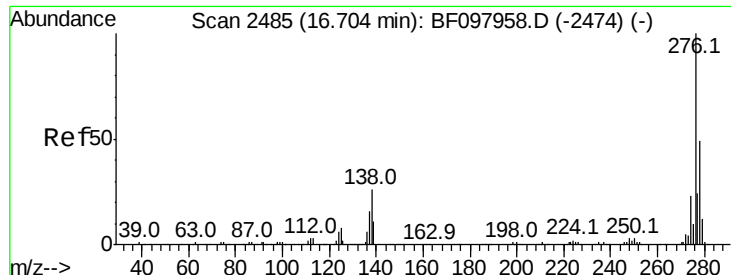
Delta R.T. -0.01 min

Lab File: BF098011.D

Acq: 24 Aug 2017 19:34

Tgt Ion:	149	Resp:	861433
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.1	8.5	12.7





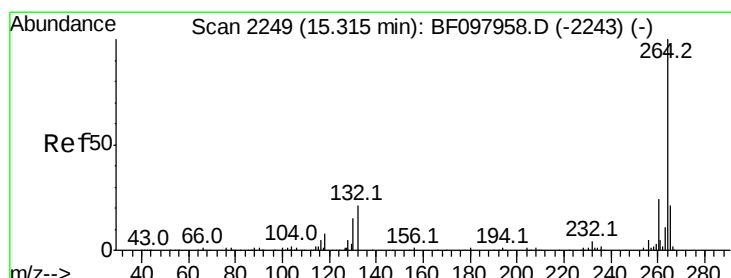
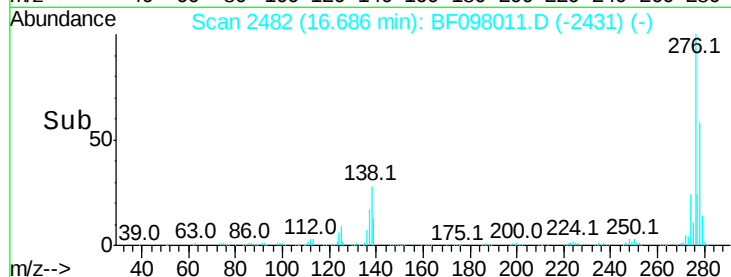
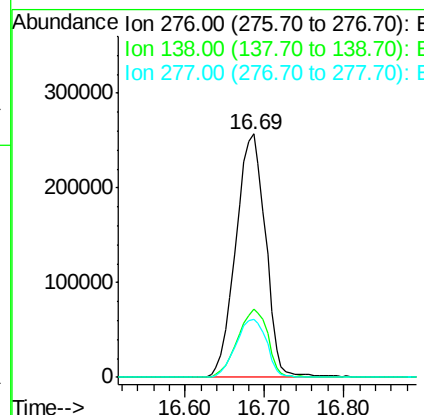
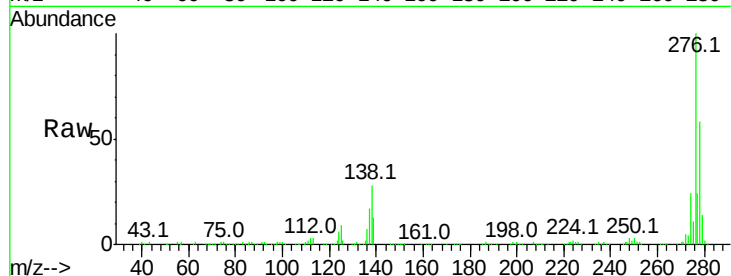
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.017 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	667951		
138	28.8		27.8	41.6
277	24.9		20.2	30.4

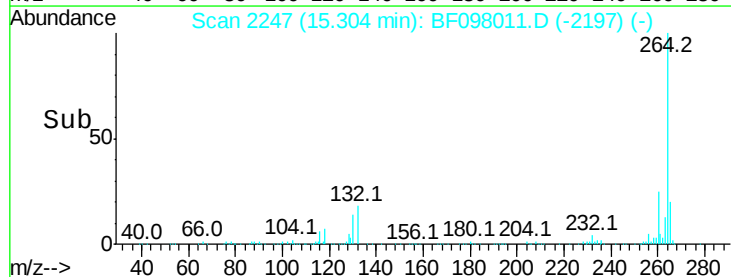
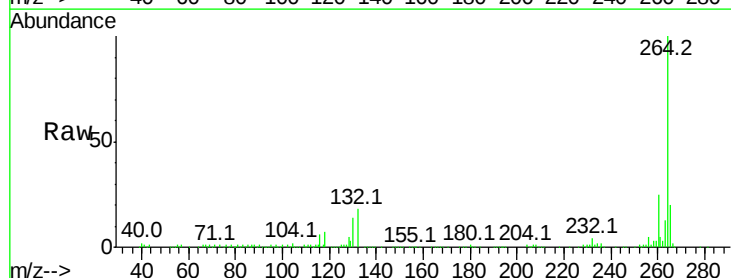
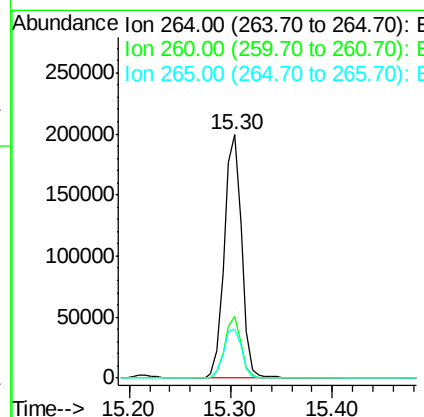
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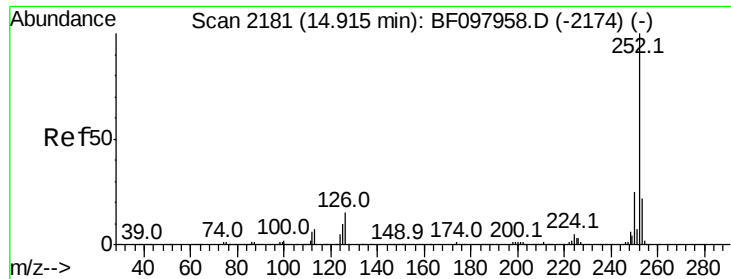
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	236607		
260	25.3		19.5	29.3
265	20.1		17.2	25.8





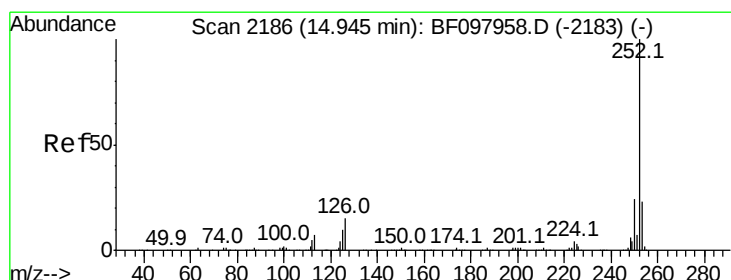
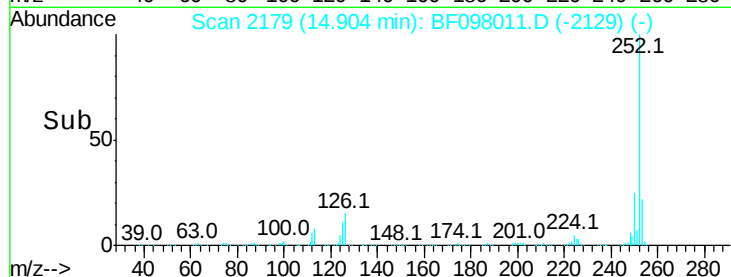
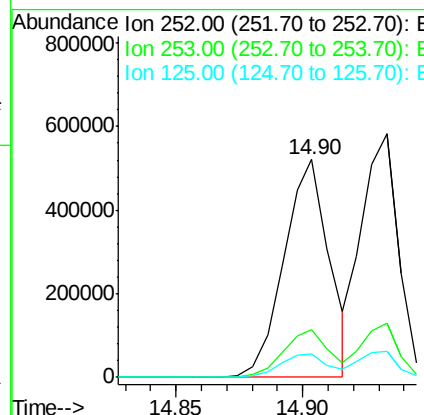
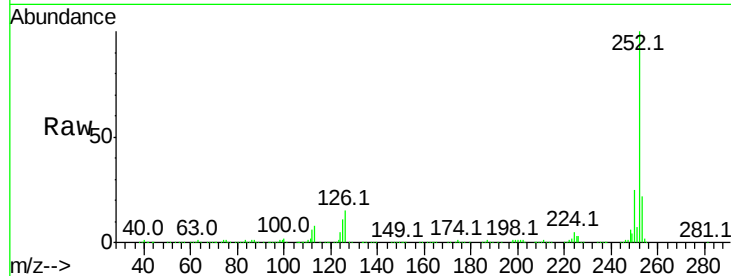
#87
Benzo(b)fluoranthene
Concen: 43.284 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.7	9.8	14.8

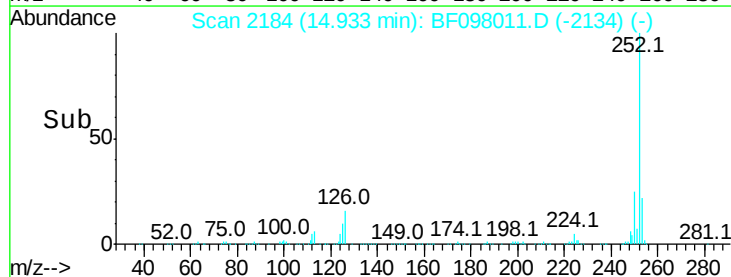
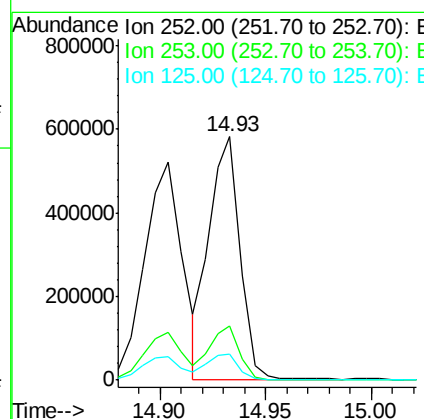
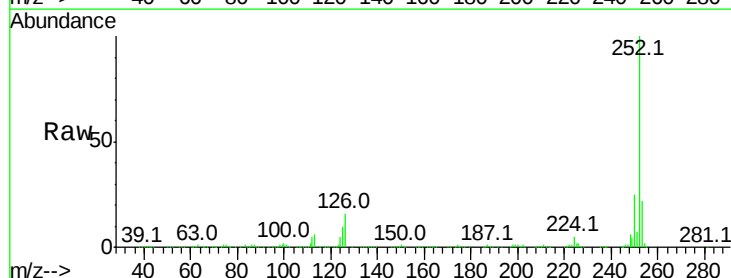
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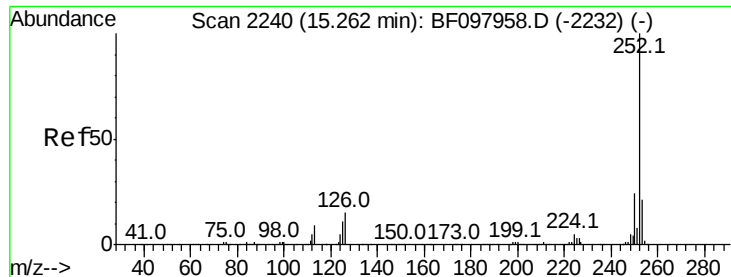
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#88
Benzo(k)fluoranthene
Concen: 42.133 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.5	13.1	19.7#





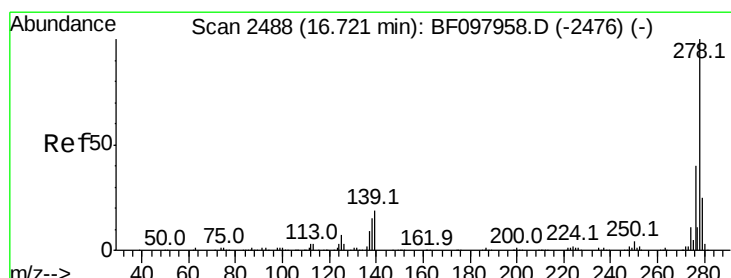
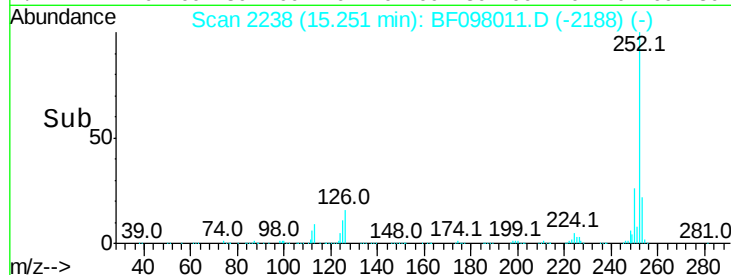
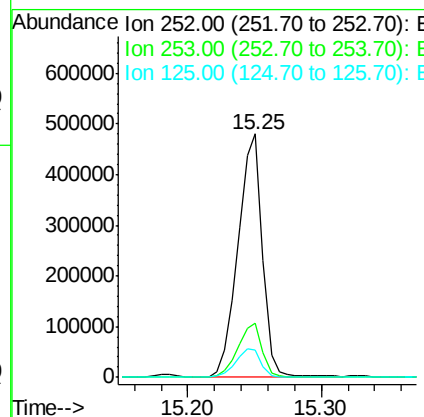
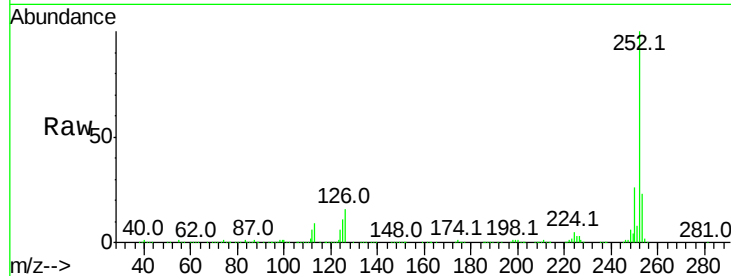
#89
Benzo(a)pyrene
Concen: 46.288 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RWB-1MSD

Tot Ion:	252	Resp:	611143
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	11.4	11.0	16.4

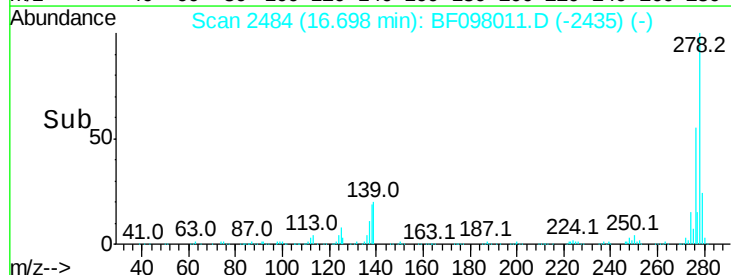
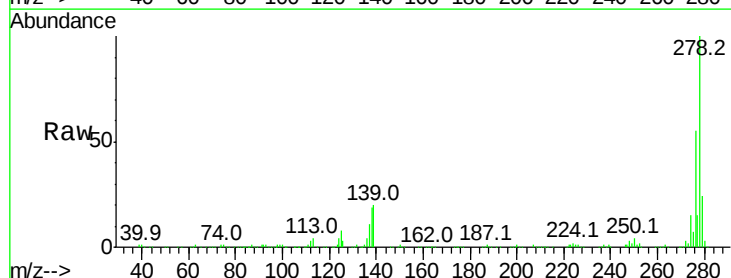
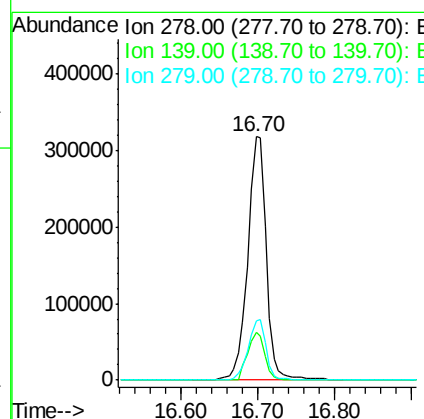
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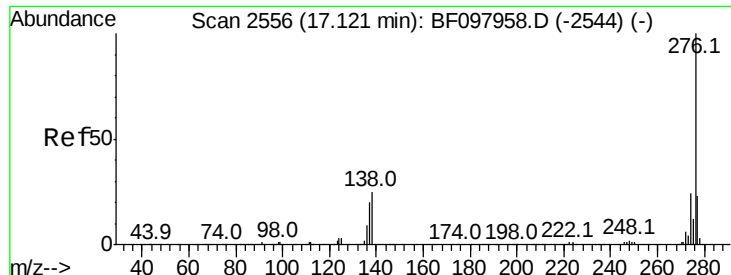
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 50.253 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF098011.D
Acq: 24 Aug 2017 19:34

Tgt Ion:	278	Resp:	540161
Ion Ratio	Lower	Upper	
278	100		
139	19.9	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 49.616 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF098011.D
 Acq: 24 Aug 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RWB-1MSD

Tot Ion:	276	Resp:	556474
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.6	28.0
138	25.8	25.4	38.0

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