

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098109.D
 Acq On : 29 Aug 2017 14:27
 Operator : SJ/JU
 Sample : PB101845BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Manual Integrations
 APPROVED

Sohil
 8/30/2017 6:44:55 PM

Quant Time: Aug 30 04:10:44 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	6.73	152	117158	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	481694	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	225125	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	459086	20.00	ng	0.00
75) Chrysene-d12	13.89	240	355141	20.00	ng	0.00
86) Perylene-d12	15.31	264	276339	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	983618	127.70	ng	0.00
7) Phenol-d6	6.38	99	1339471	127.99	ng	0.00
23) Nitrobenzene-d5	7.30	82	830980	93.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	290781	148.86	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1291070	84.26	ng	-0.01
78) Terphenyl-d14	12.84	244	1239157	72.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	153602	35.759	ng	89
3) Pyridine	3.19	79	445726	37.535	ng	86
4) n-Nitrosodimethylamine	3.14	42	175162	38.335	ng	79
6) Aniline	6.40	93	423259	28.790	ng	# 73
8) 2-Chlorophenol	6.52	128	347080	42.728	ng	97
9) Benzaldehyde	6.28	77	155299	23.428	ng	88
10) Phenol	6.39	94	489971	40.032	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	384938	41.669	ng	97
12) 1,3-Dichlorobenzene	6.67	146	348465	39.882	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	351821	39.591	ng	# 94
14) 1,2-Dichlorobenzene	6.90	146	329703	40.238	ng	99
15) Benzyl Alcohol	6.88	79	337417	43.064	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	502529	40.431	ng	89
17) 2-Methylphenol	7.00	107	315043	44.011	ng	# 94
18) Hexachloroethane	7.25	117	143899	41.303	ng	# 83
19) n-Nitroso-di-n-propylamine	7.16	70	281686	39.319	ng	90
20) 3+4-Methylphenols	7.15	107	383504	43.864	ng	98
22) Acetophenone	7.15	105	507002	39.842	ng	# 91
24) Nitrobenzene	7.32	77	439777	44.544	ng	95
25) Isophorone	7.56	82	809103	43.883	ng	97
26) 2-Nitrophenol	7.63	139	184288	51.136	ng	# 78
27) 2,4-Dimethylphenol	7.68	122	332258	43.209	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	512526	42.282	ng	98
29) 2,4-Dichlorophenol	7.88	162	285541	44.735	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	287008	40.561	ng	100
31) Naphthalene	8.04	128	1015350	40.602	ng	100
32) Benzoic acid	7.82	122	241084	43.694	ng	88
33) 4-Chloroaniline	8.09	127	261649	24.809	ng	98
34) Hexachlorobutadiene	8.16	225	164155	39.733	ng	98
35) Caprolactam	8.47	113	107636m	49.602	ng	
36) 4-Chloro-3-methylphenol	8.58	107	358920	43.765	ng	# 78
37) 2-Methylnaphthalene	8.73	142	667924	43.565	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	266211	38.531	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	314430	94.732	ng	99

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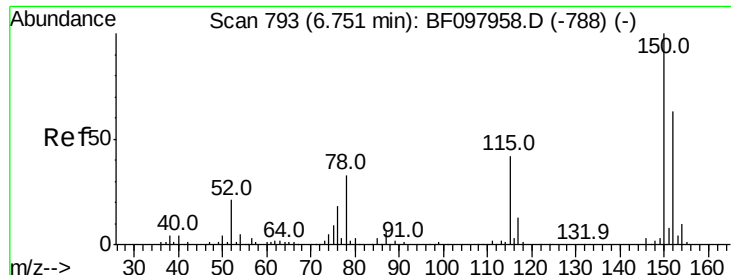
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	198744	42.846	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	207032	44.990	nq	97
45) 1,1'-Biphenyl	9.20	154	796252	38.786	nq	96
46) 2-Chloronaphthalene	9.22	162	585263	38.584	nq	# 92
47) 2-Nitroaniline	9.32	65	237464	46.698	nq	98
48) Acenaphthylene	9.64	152	982468	41.245	nq	99
49) Dimethylphthalate	9.50	163	742577	45.125	nq	99
50) 2,6-Dinitrotoluene	9.56	165	160030	48.719	nq	# 55
51) Acenaphthene	9.81	154	580359	38.631	nq	99
52) 3-Nitroaniline	9.73	138	136359	32.176	nq	93
53) 2,4-Dinitrophenol	9.85	184	161867	100.603	nq	# 76
54) Dibenzofuran	9.98	168	865340	42.979	nq	99
55) 4-Nitrophenol	9.91	139	285079	84.326	nq	# 46
56) 2,4-Dinitrotoluene	9.97	165	209937	50.928	nq	# 51
57) Fluorene	10.32	166	663393	42.616	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	183603	51.533	nq	92
59) Diethylphthalate	10.20	149	771195	44.814	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	313251	43.316	nq	# 86
61) 4-Nitroaniline	10.35	138	190514	47.298	nq	74
62) Azobenzene	10.47	77	914012	44.714	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	110038	50.368	nq	# 74
65) n-Nitrosodiphenylamine	10.44	169	624607	39.954	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	197586	41.446	nq	95
67) Hexachlorobenzene	10.87	284	193552	39.833	nq	# 88
68) Atrazine	10.97	200	195512	47.158	nq	97
69) Pentachlorophenol	11.07	266	230812	81.468	nq	98
70) Phenanthrene	11.28	178	1001880	40.954	nq	100
71) Anthracene	11.33	178	1030714	41.540	nq	99
72) Carbazole	11.49	167	981454	41.671	nq	98
73) Di-n-butylphthalate	11.82	149	1275455	47.015	nq	99
74) Fluoranthene	12.47	202	1089135	42.654	nq	99
76) Benzidine	12.59	184	483866	41.554	nq	# 91
77) Pyrene	12.70	202	1109084	38.183	nq	99
79) Butylbenzylphthalate	13.32	149	547871	49.196	nq	# 70
80) Benzo(a)anthracene	13.89	228	813110	38.201	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	228622	31.831	nq	# 96
82) Chrysene	13.92	228	823429	38.889	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	670389	54.324	nq	# 97
84) Di-n-octyl phthalate	14.49	149	1218132	56.731	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	672512	43.176	nq	95
87) Benzo(b)fluoranthene	14.90	252	753128	43.237	nq	98
88) Benzo(k)fluoranthene	14.93	252	637240	38.940	nq	# 96
89) Benzo(a)pyrene	15.25	252	663600	43.035	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	553845	44.118	nq	99
91) Benzo(g,h,i)perylene	17.11	276	575915	43.967	nq	# 92

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



#1

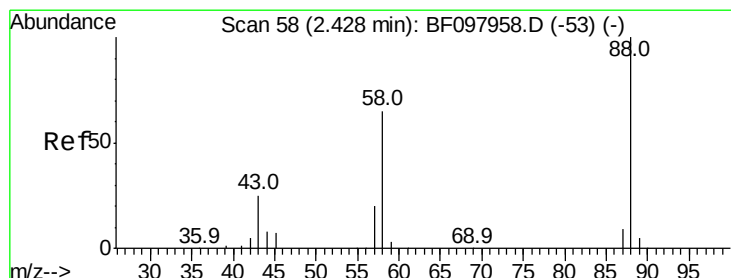
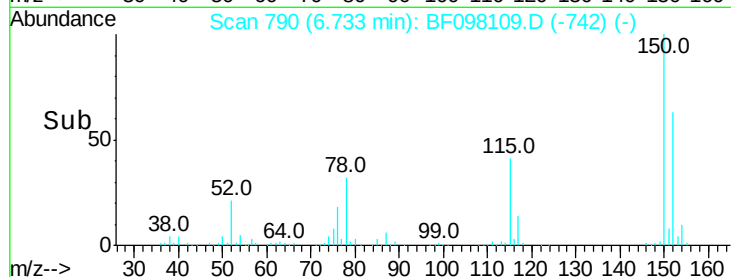
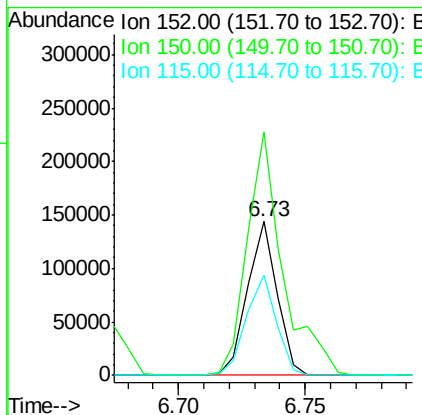
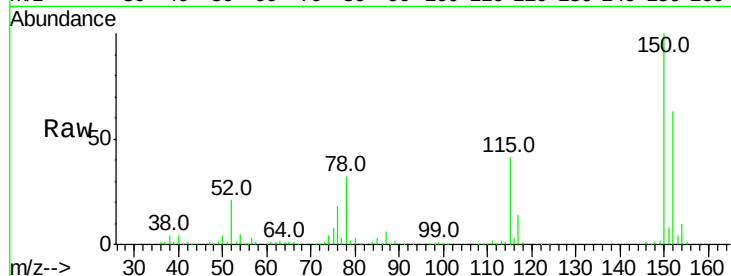
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	65.5	52.2	78.2

Manual Integrations
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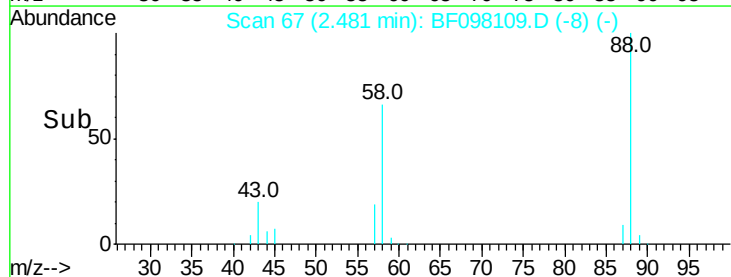
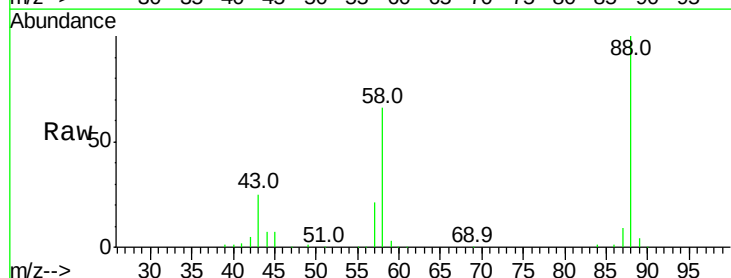
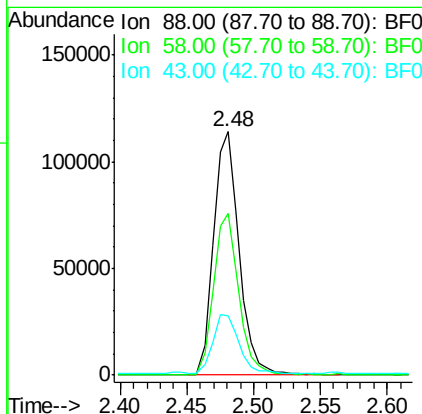
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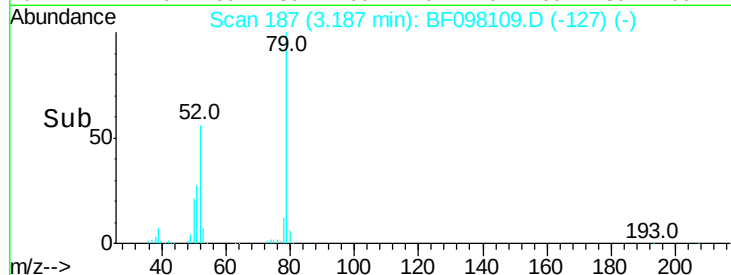
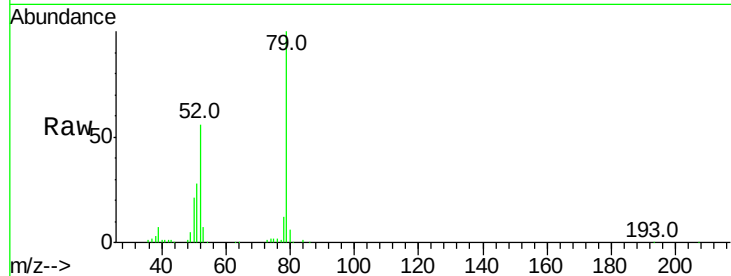
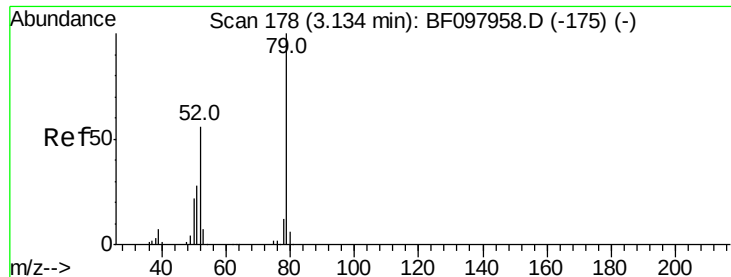


#2

1,4-Dioxane
Concen: 35.759 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	61.4	92.0
43	25.2	23.4	35.0





#3

Pvridine

Concen: 37.535 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.05 min

Lab File: BF098109.D

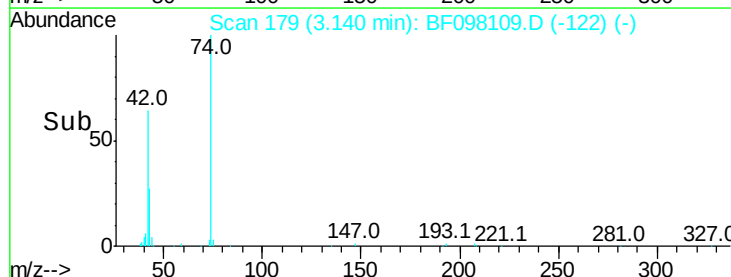
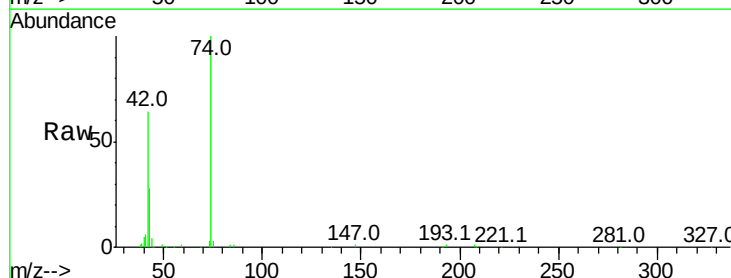
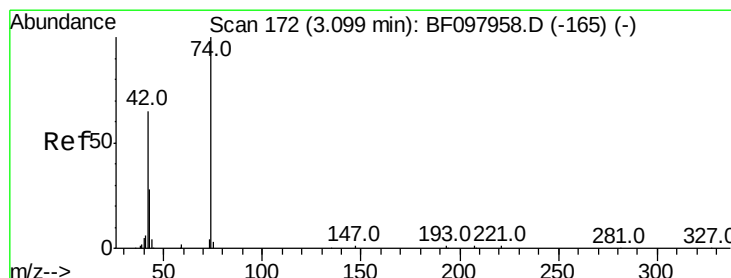
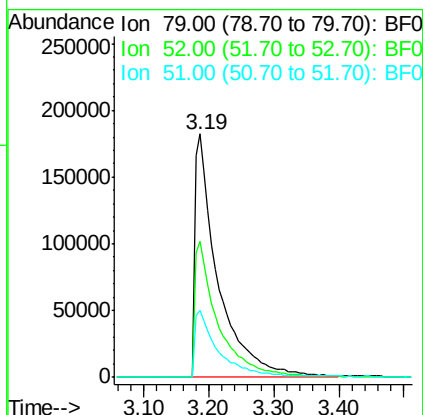
Acq: 29 Aug 2017 14:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		445726		
52	55.9	54.8	82.2		
51	27.7	27.0	40.4		

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.335 ng

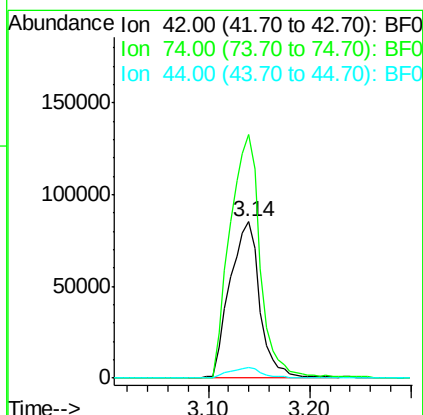
RT: 3.14 min Scan# 179

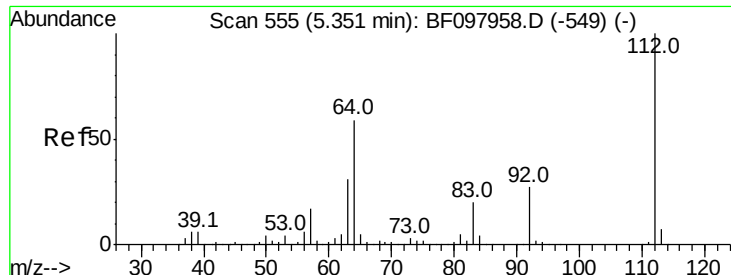
Delta R.T. 0.04 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		175162		
74	155.6	103.9	155.9		
44	6.9	5.7	8.5		





#5

2-Fluorophenol

Concen: 127.704 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

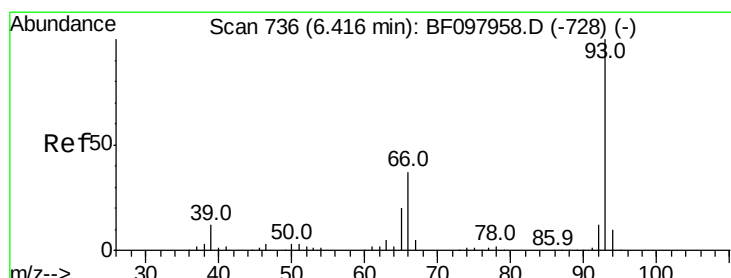
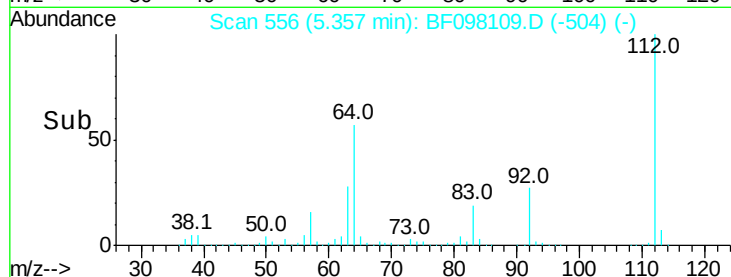
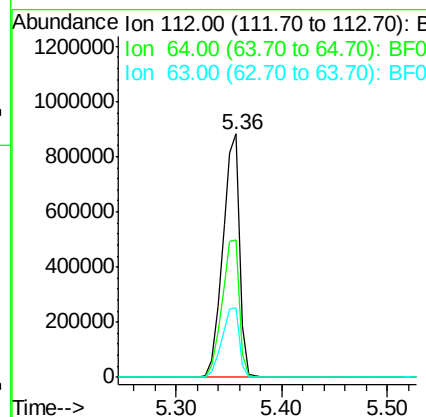
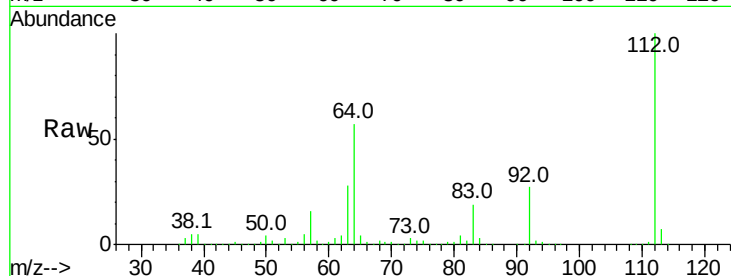
ClientSampleId :

PB101845BS

Tot Ion:	112	Resp:	983618
Ion Ratio	Lower	Upper	
112	100		
64	56.7	46.0	69.0
63	28.4	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 28.790 ng

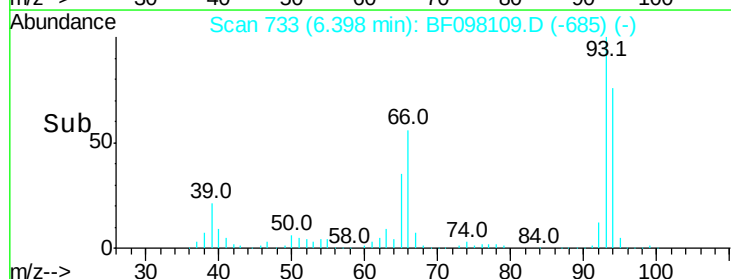
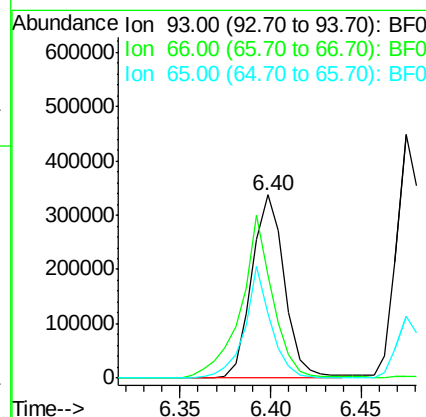
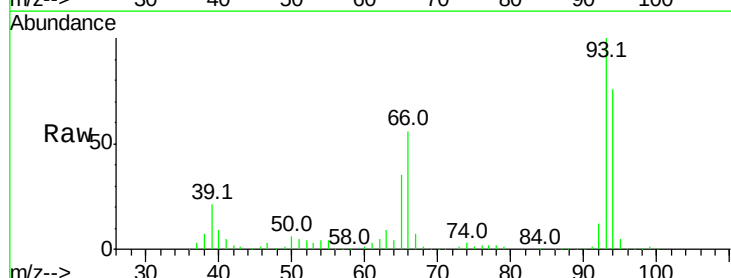
RT: 6.40 min Scan# 733

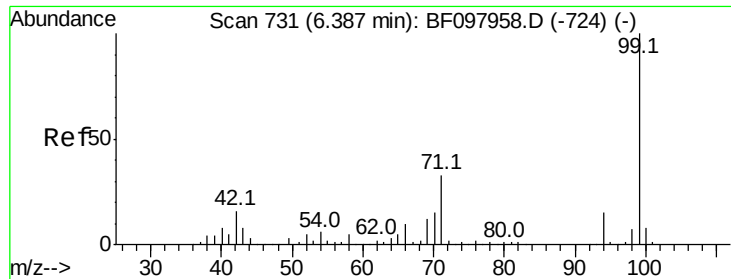
Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	93	Resp:	423259
Ion Ratio	Lower	Upper	
93	100		
66	56.3	32.9	49.3#
65	34.9	16.0	24.0#





#7

Phenol-d6

Concen: 127.992 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

PB101845BS

Tot Ion: 99 Resp: 1339471

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

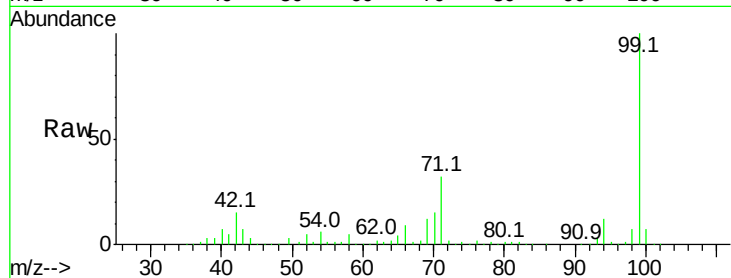
71 32.0 24.5 36.7

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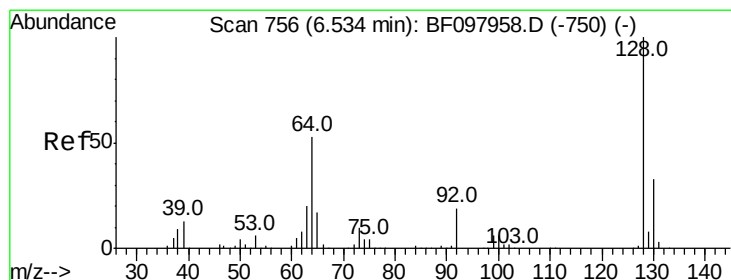
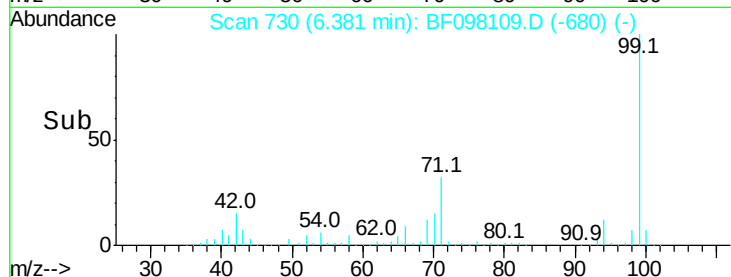
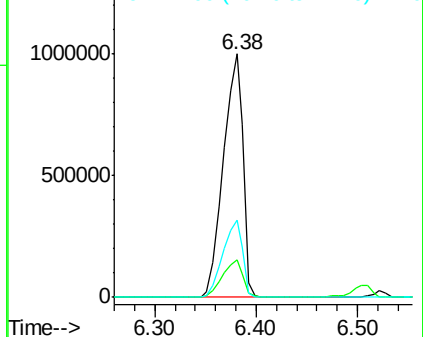
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.728 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

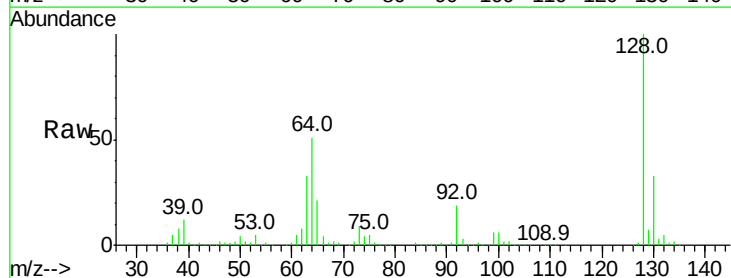
Tgt Ion:128 Resp: 347080

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

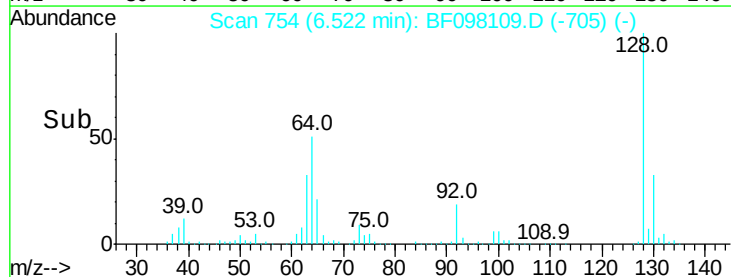
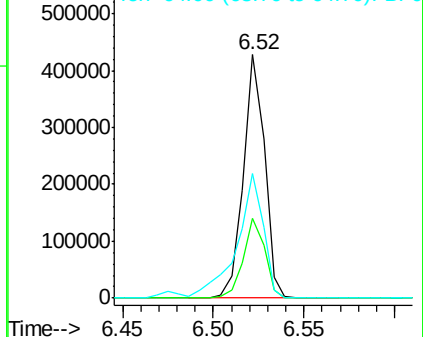
64 51.4 28.4 68.4

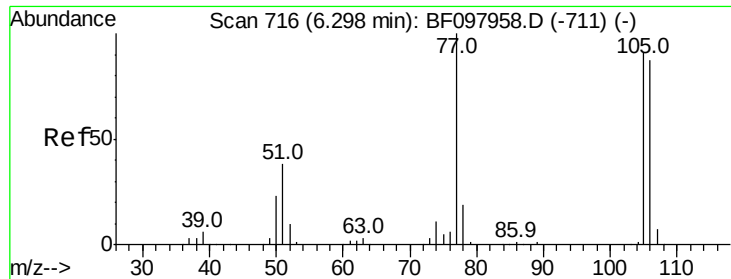


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.428 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

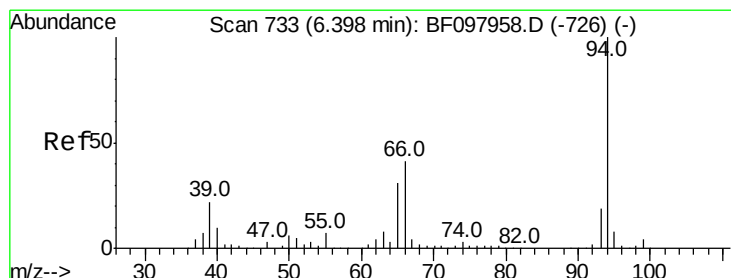
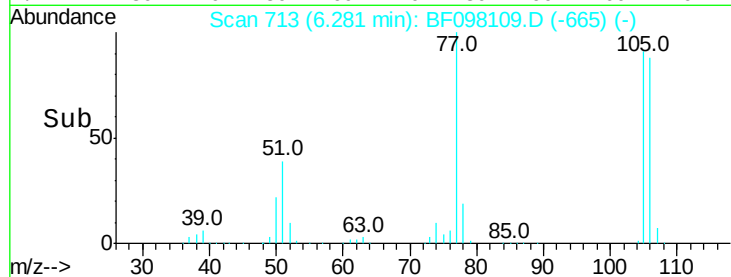
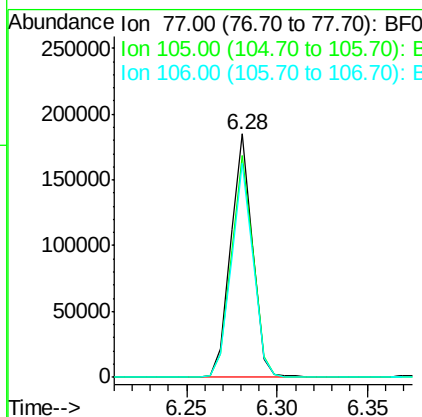
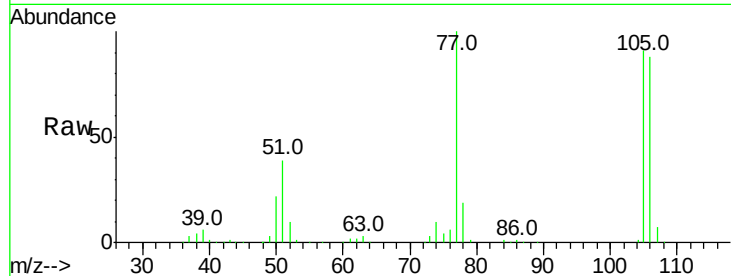
ClientSampleId :

PB101845BS

Tot Ion:	77	Resp:	155299
Ion Ratio	Lower	Upper	
77	100		
105	91.3	83.8	123.8
106	88.0	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 40.032 ng

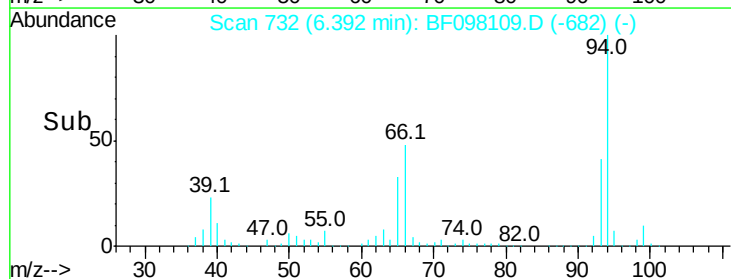
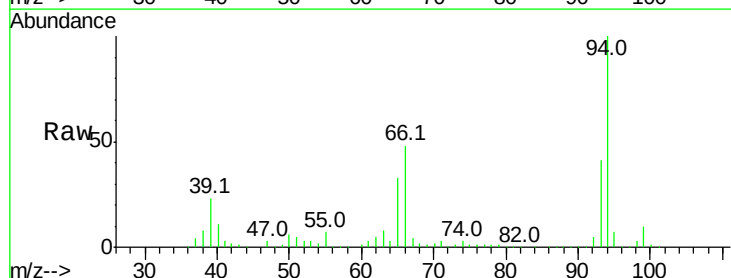
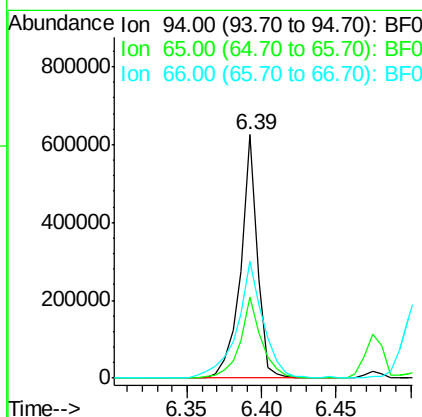
RT: 6.39 min Scan# 732

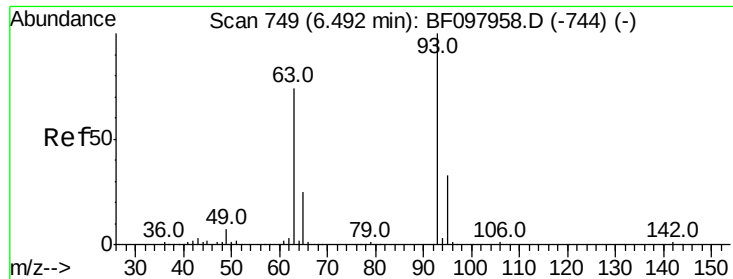
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	94	Resp:	489971
Ion Ratio	Lower	Upper	
94	100		
65	33.0	9.9	49.9
66	47.9	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.669 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

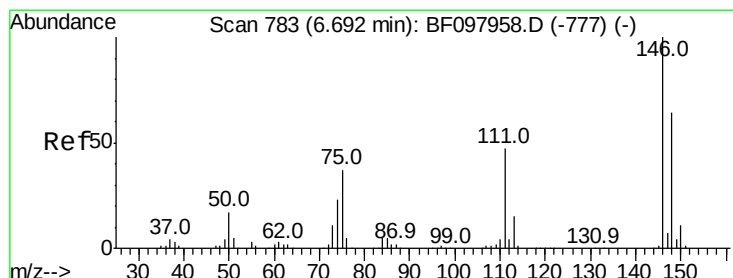
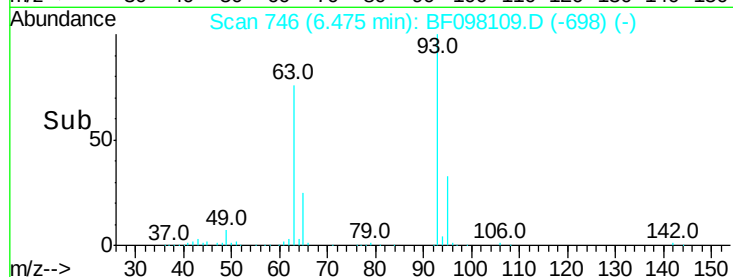
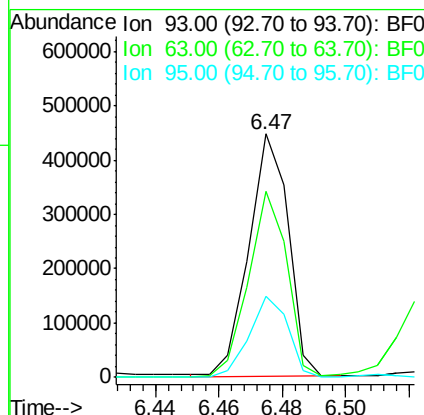
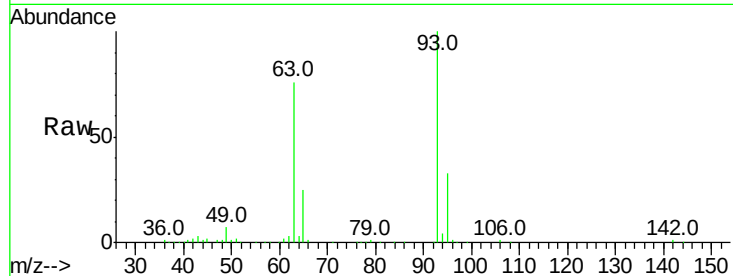
ClientSampleId :

PB101845BS

Tot Ion	93	Resp	384938
Ion Ratio	Lower	Upper	
93	100		
63	76.2	59.2	99.2
95	33.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.882 ng

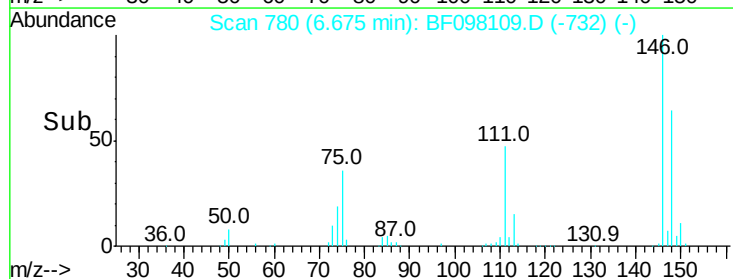
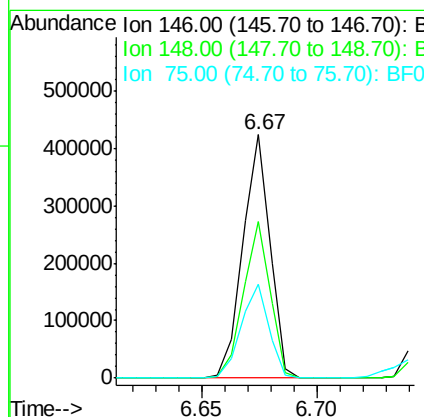
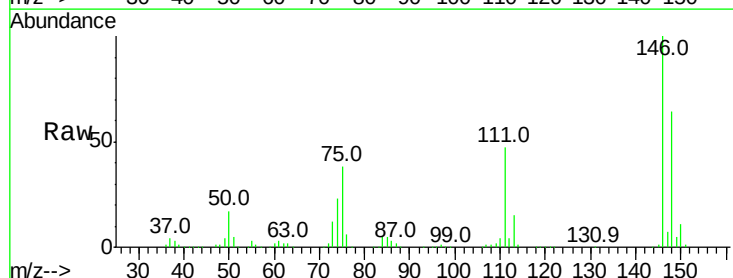
RT: 6.67 min Scan# 780

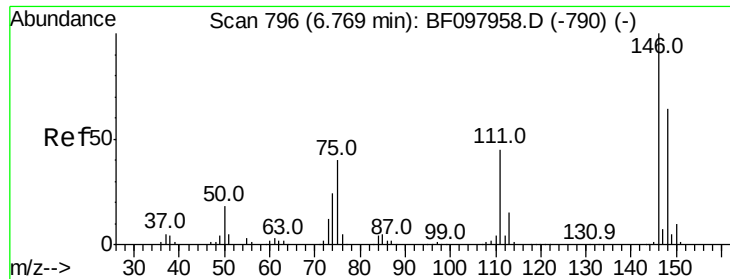
Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion	146	Resp	348465
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.6
75	38.5	23.1	34.7#





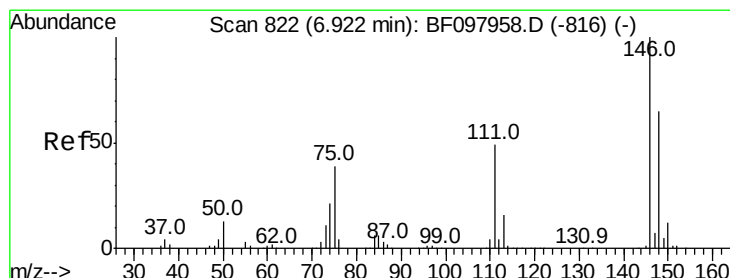
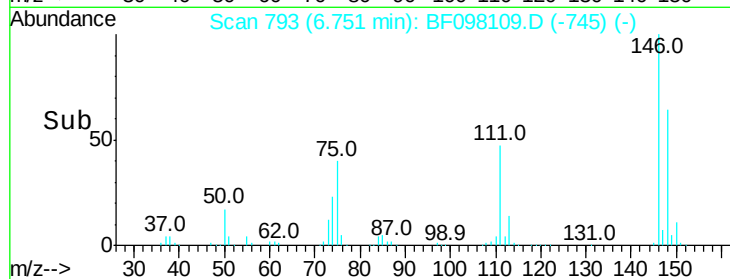
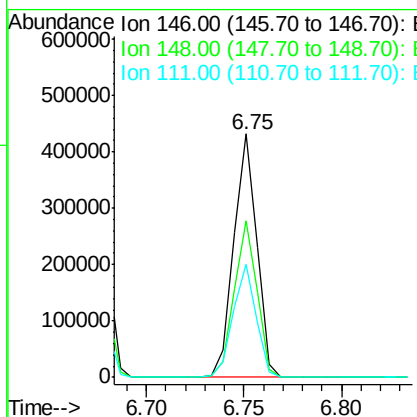
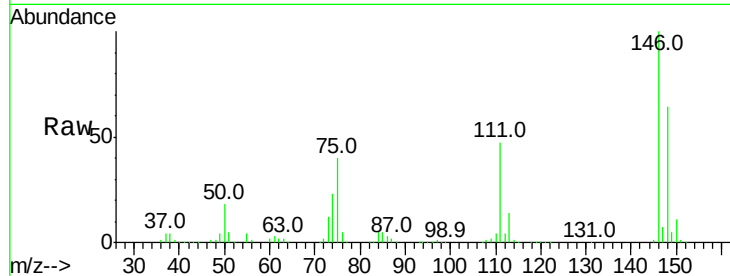
#13
 1,4-Dichlorobenzene
 Concen: 39.591 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	46.6	30.3	45.5

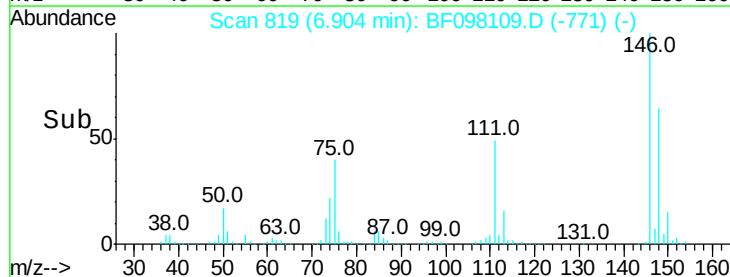
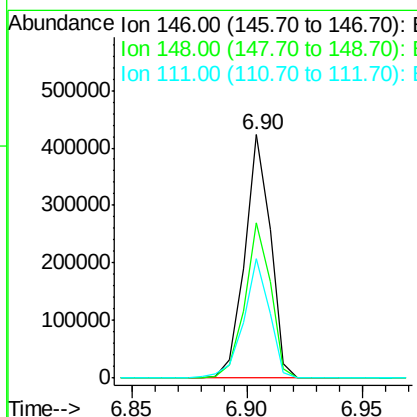
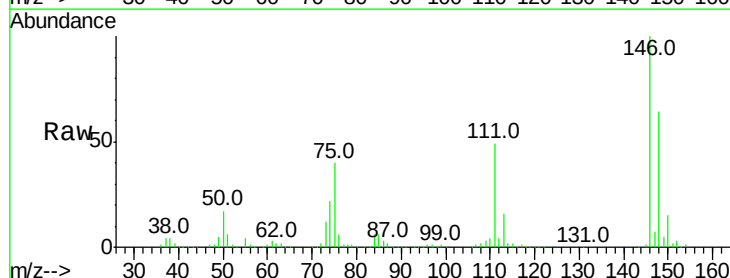
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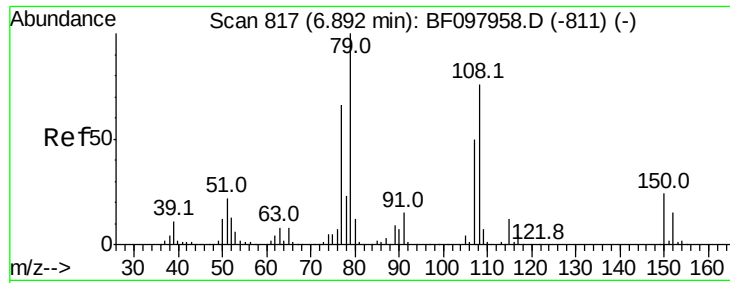
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#14
 1,2-Dichlorobenzene
 Concen: 40.238 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	48.9	38.2	57.4





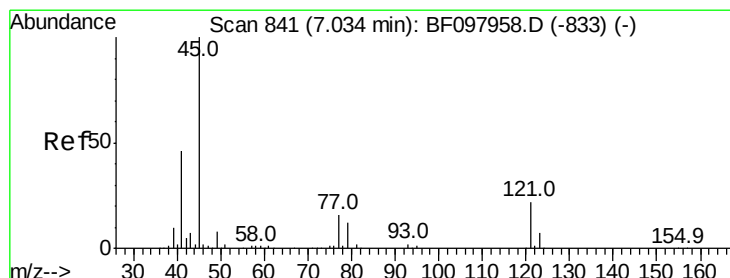
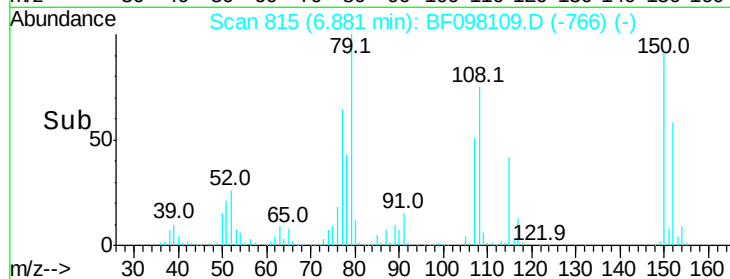
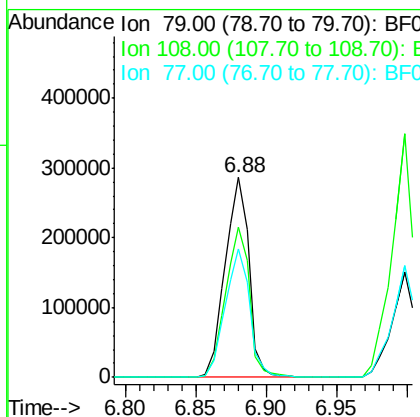
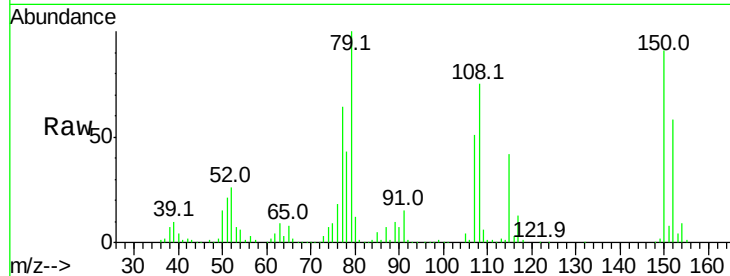
#15
Benzyl Alcohol
Concen: 43.064 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.2	63.4	95.0
77	64.2	49.2	73.8

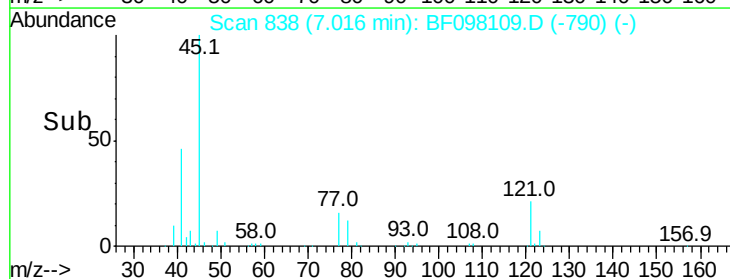
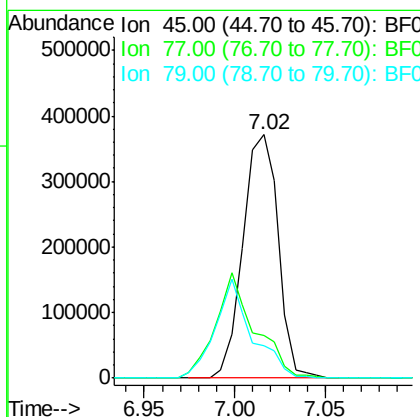
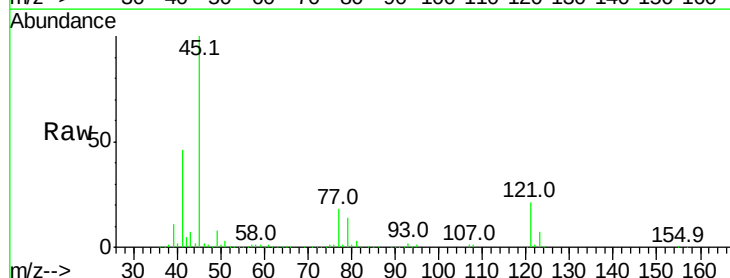
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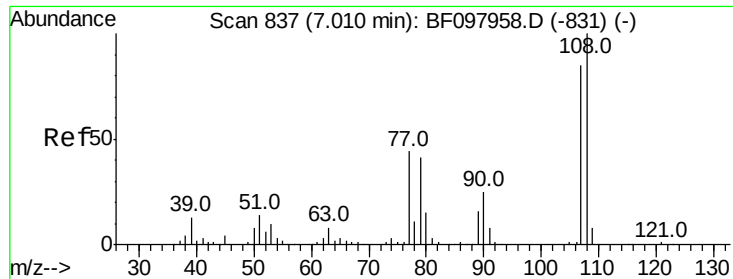
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.431 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	33.2
79	13.6	0.0	30.0





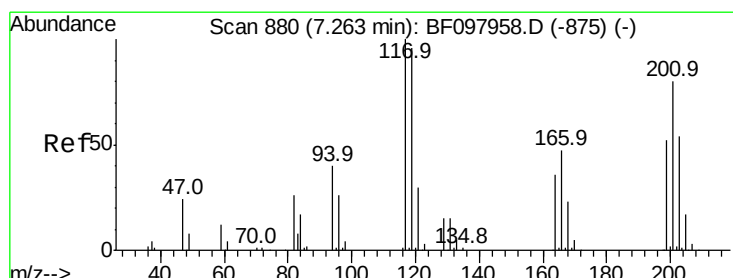
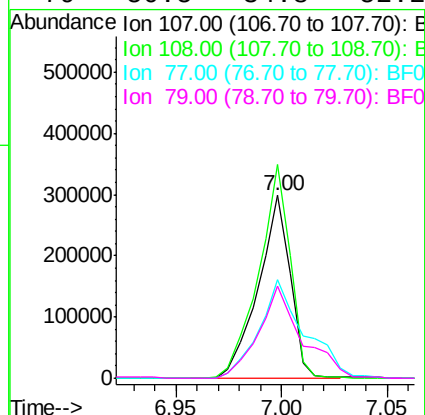
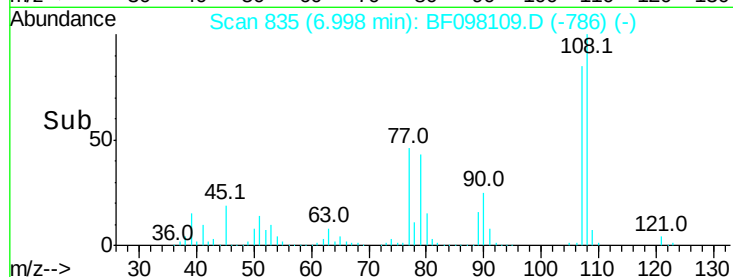
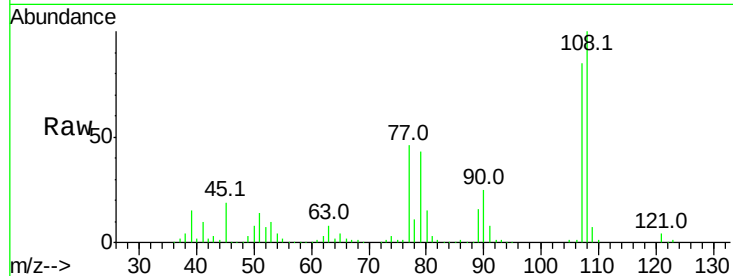
#17
2-Methylphenol
Concen: 44.011 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampled :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	93.4	140.0	
77	53.7	35.8	53.6#	
79	50.5	34.8	52.2	

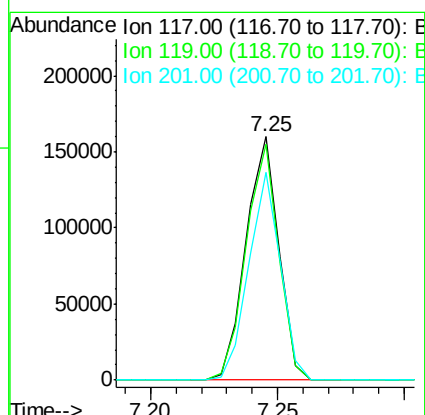
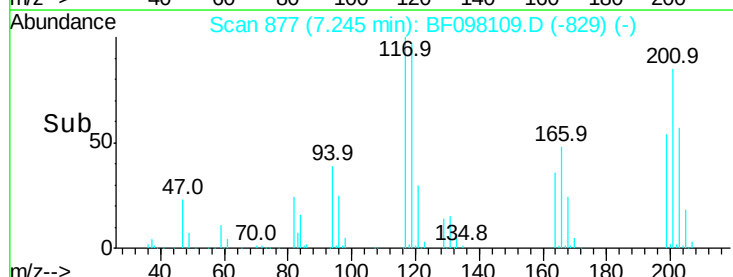
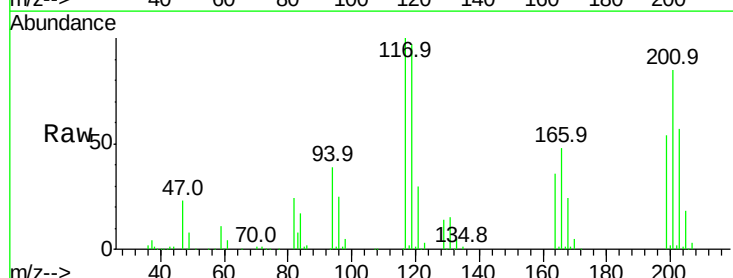
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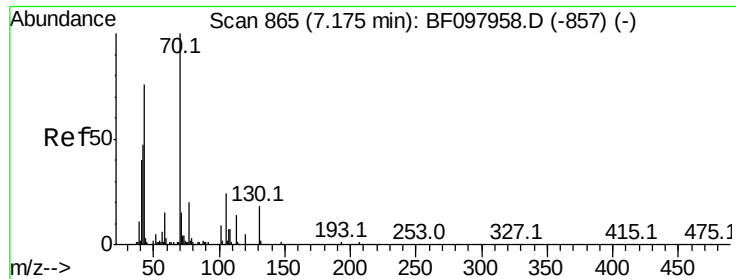
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#18
Hexachloroethane
Concen: 41.303 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	77.4	116.0	
201	85.5	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 39.319 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

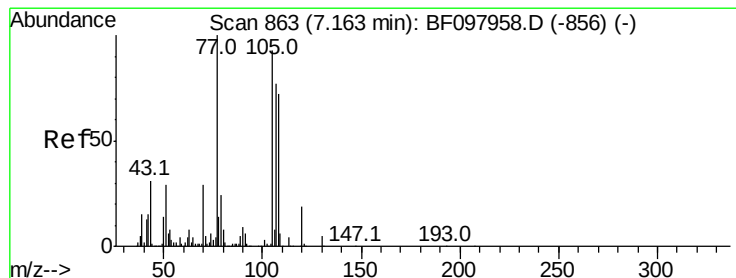
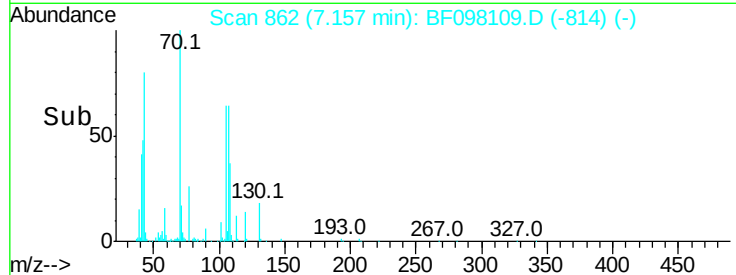
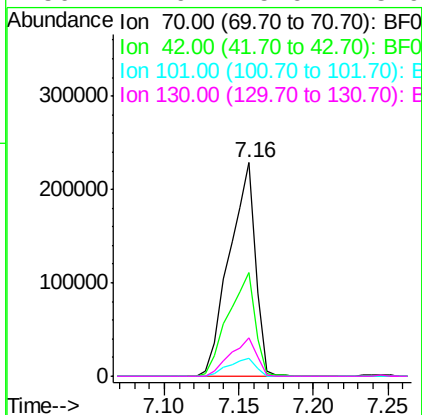
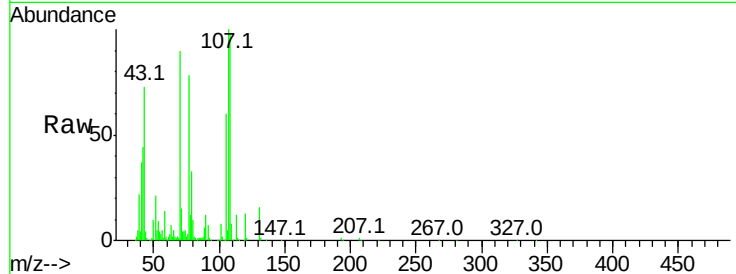
ClientSampleId :

PB101845BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		281686		
42	48.6	47.2	70.8		
101	8.7	7.2	10.8		
130	17.9	15.9	23.9		

Manual Integrations
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#20

3+4-Methylphenols

Concen: 43.864 ng

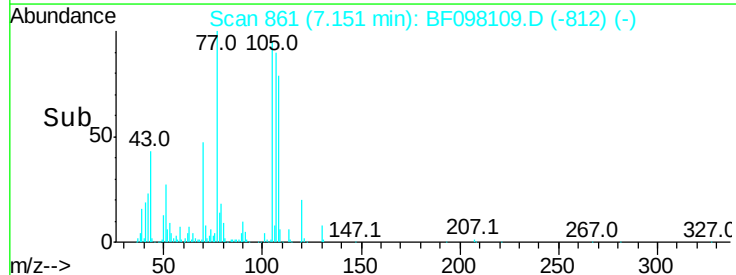
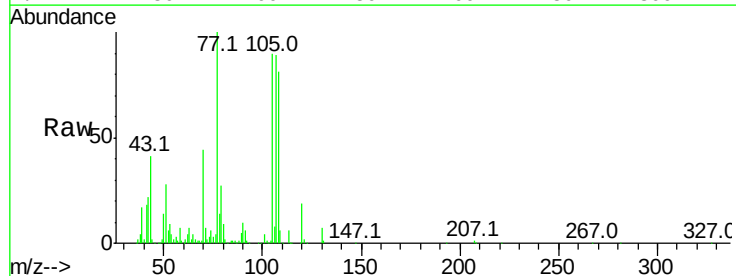
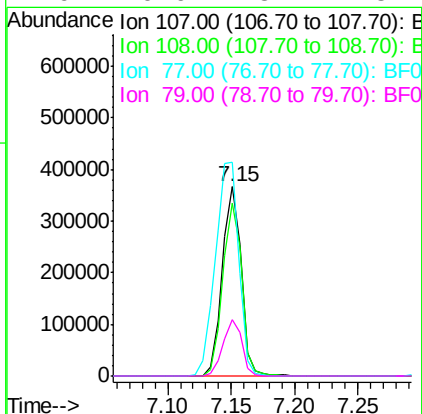
RT: 7.15 min Scan# 861

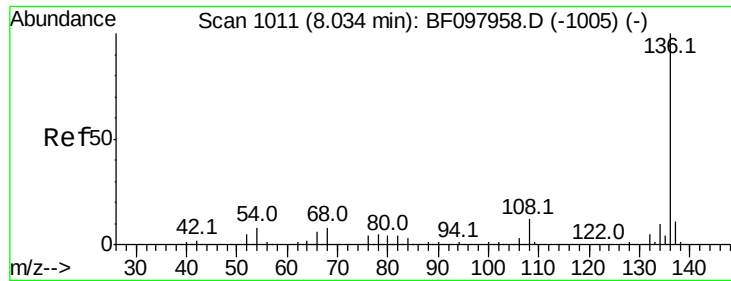
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		383504		
108	91.4	71.0	111.0		
77	112.9	90.5	130.5		
79	29.9	8.4	48.4		





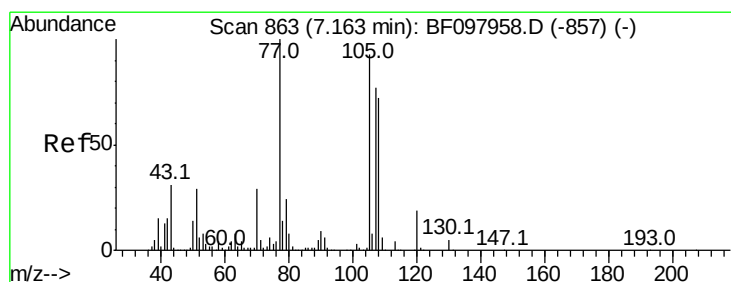
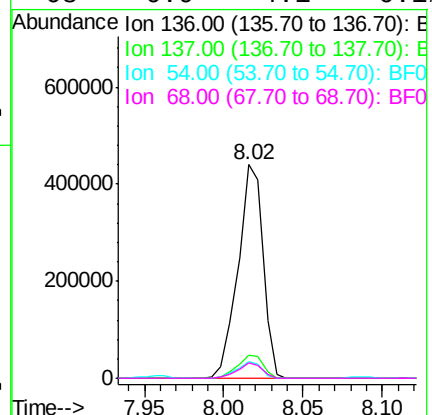
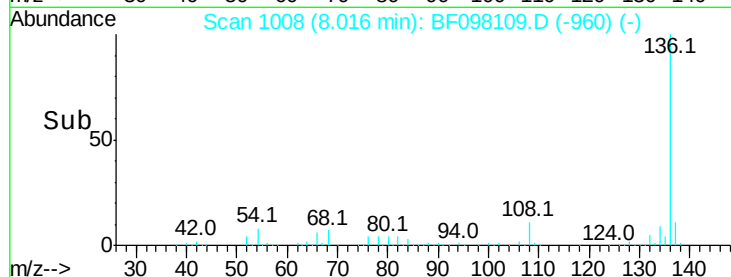
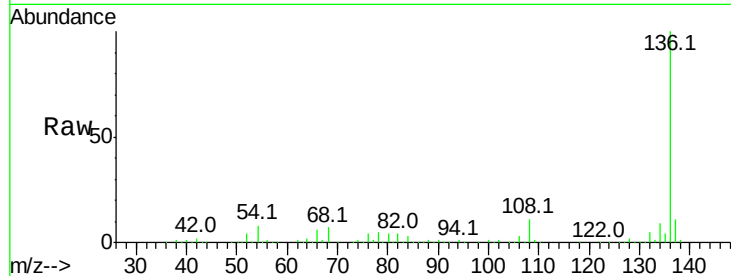
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	481694		
137	10.9	8.5	12.7	
54	7.9	4.9	7.3#	
68	6.9	4.1	6.1#	

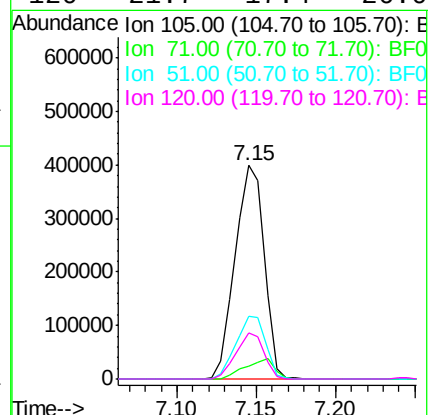
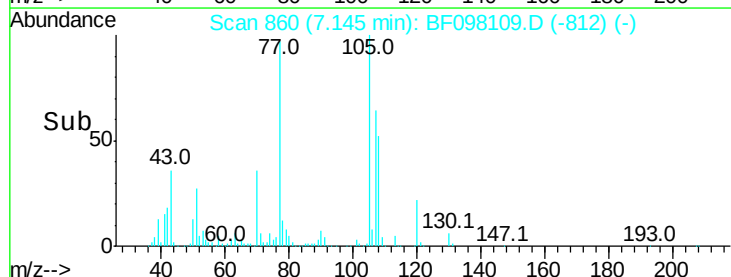
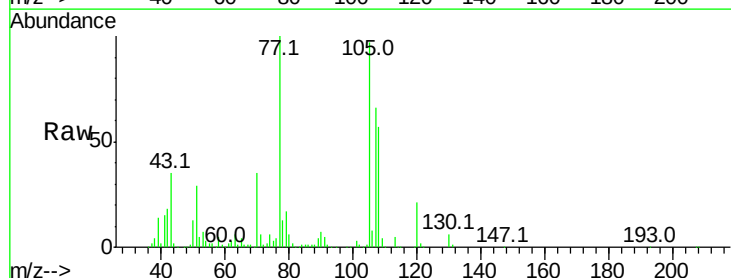
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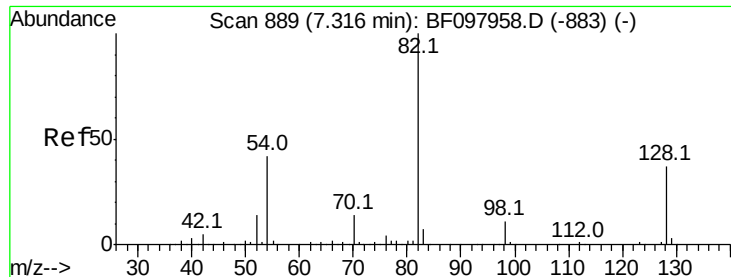
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#22
Acetophenone
Concen: 39.842 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	507002		
71	6.1	2.8	4.2#	
51	29.6	30.7	46.1#	
120	21.7	17.4	26.0	





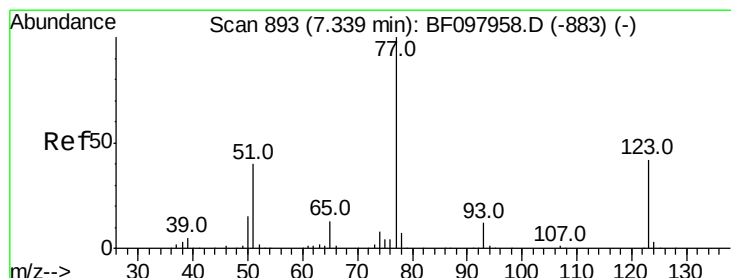
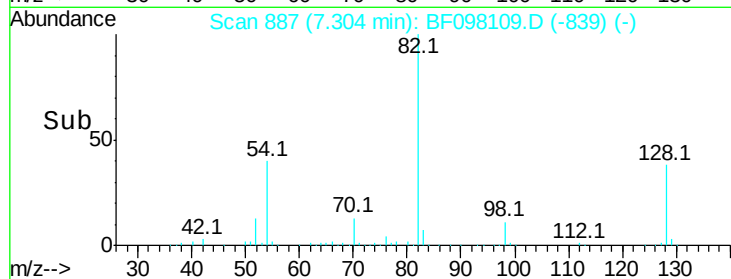
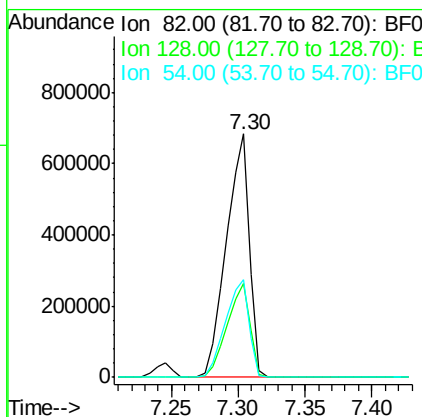
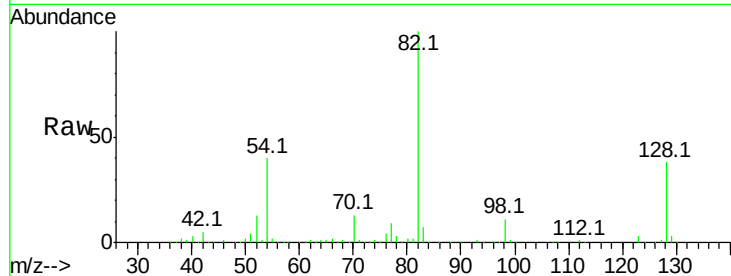
#23
 Nitrobenzene-d5
 Concen: 93.716 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.4	34.0	51.0	
54	40.4	42.2	63.2	

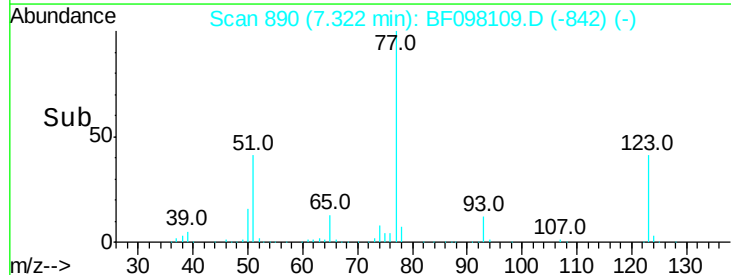
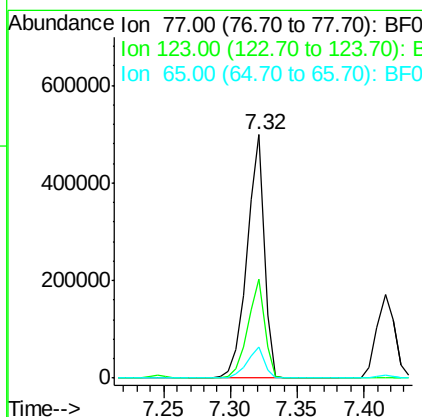
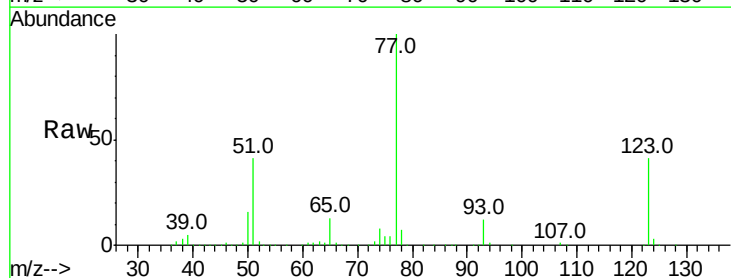
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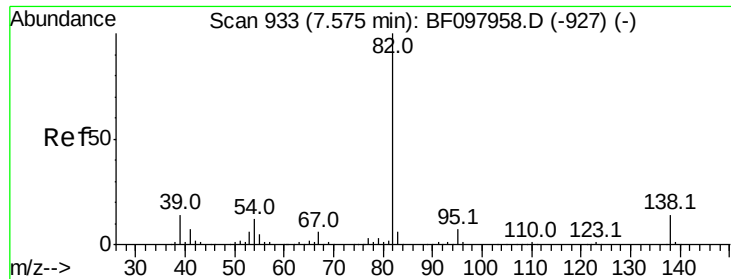
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#24
 Nitrobenzene
 Concen: 44.544 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.9	35.8	53.8	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 43.883 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

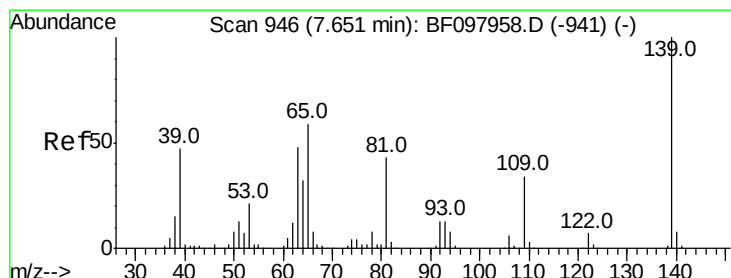
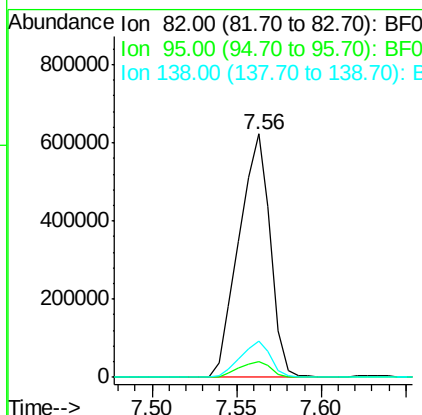
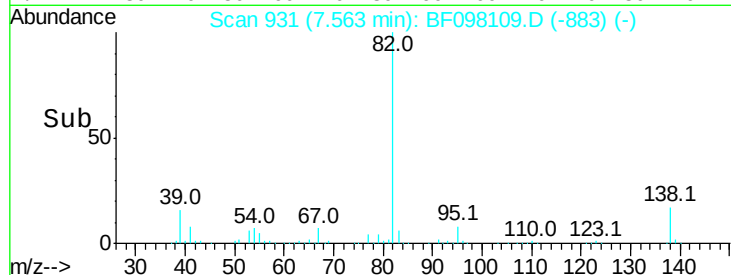
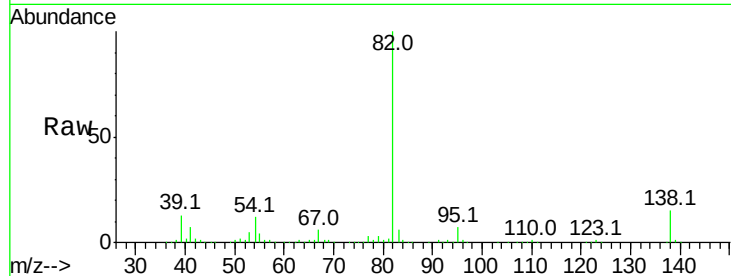
ClientSampleId :

PB101845BS

Tot Ion:	82	Resp:	809103
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	14.8	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.136 ng

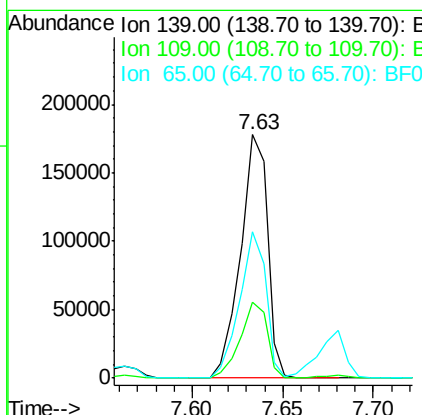
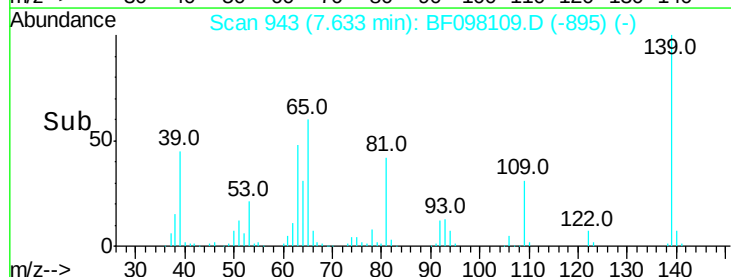
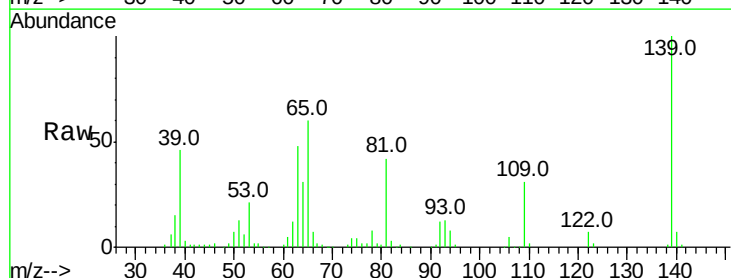
RT: 7.63 min Scan# 943

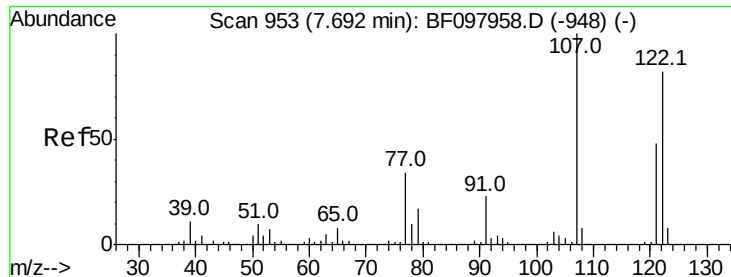
Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	139	Resp:	184288
Ion Ratio	Lower	Upper	
139	100		
109	31.3	21.0	31.6
65	60.2	33.0	49.6#





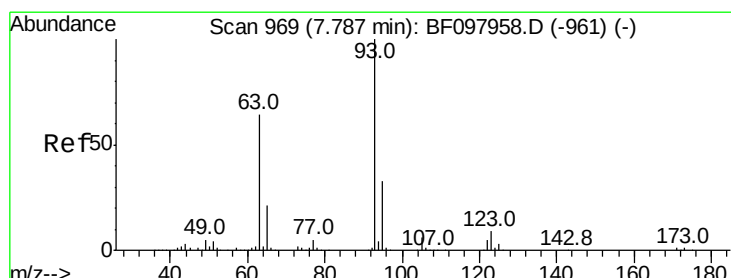
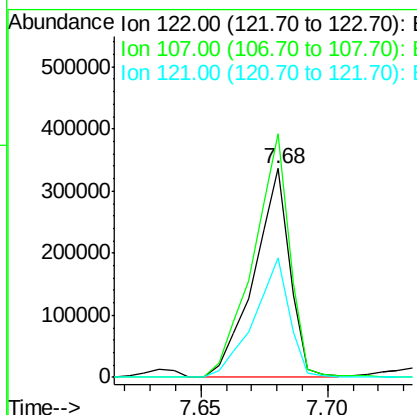
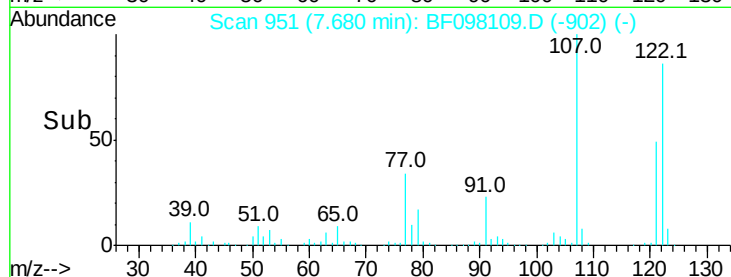
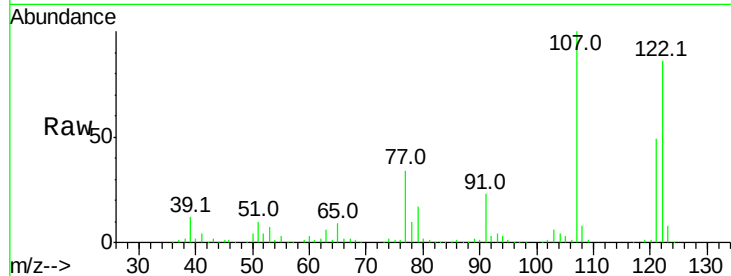
#27
 2,4-Dimethylphenol
 Concen: 43.209 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampled :
 PB101845BS

Tot Ion:	122	Resp:	332258
Ion Ratio	Lower	Upper	
122	100		
107	116.7	89.2	133.8
121	57.4	45.2	67.8

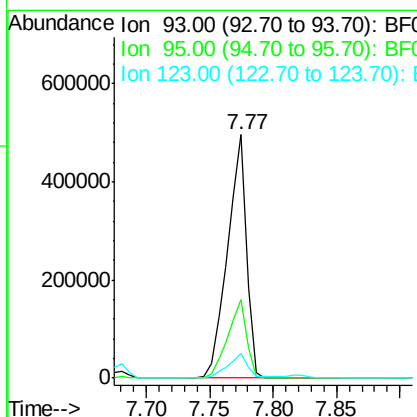
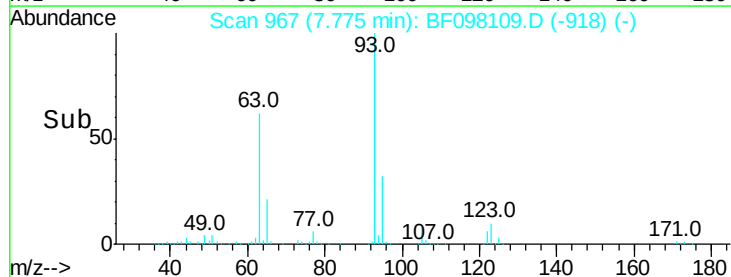
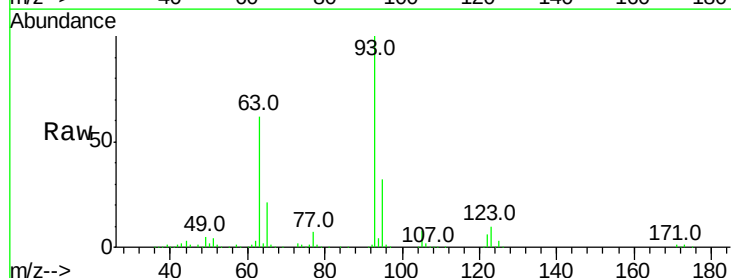
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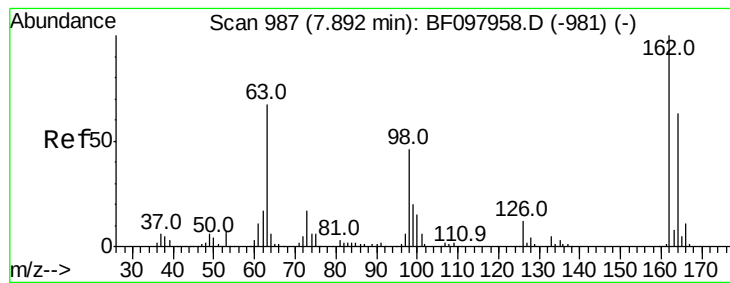
Sohil
 8/30/2017 6:44:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.282 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion:	93	Resp:	512526
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	9.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 44.735 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

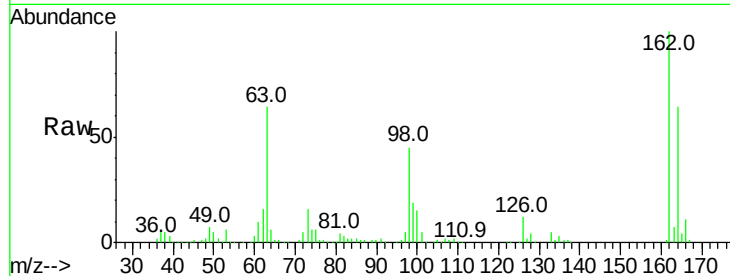
ClientSampleId :

PB101845BS

Tot Ion:	162	Resp:	285541
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	44.7	14.8	54.8

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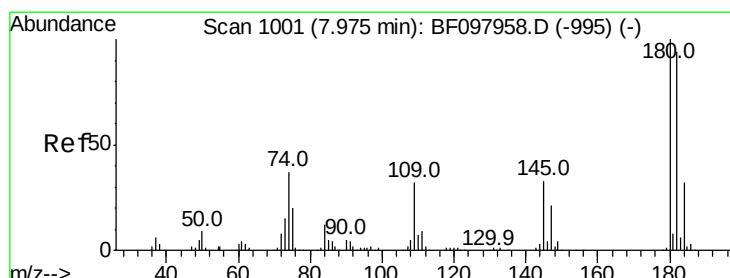
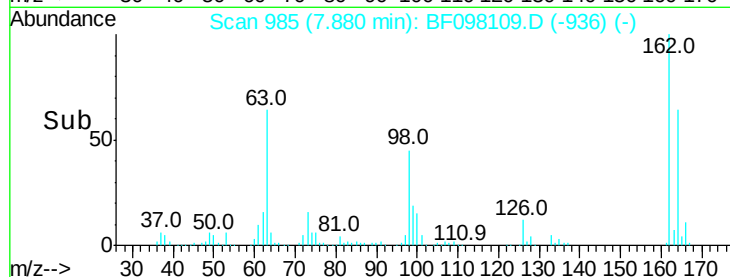
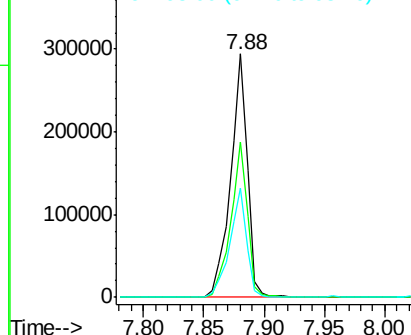
Sohil
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.561 ng

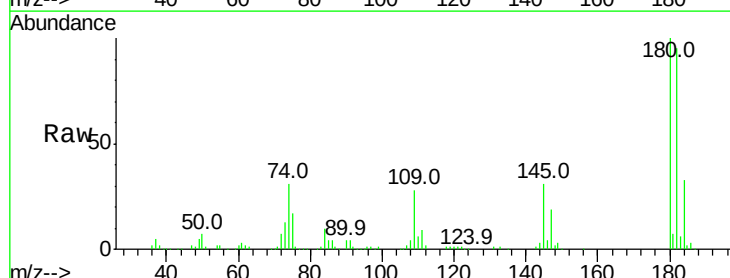
RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

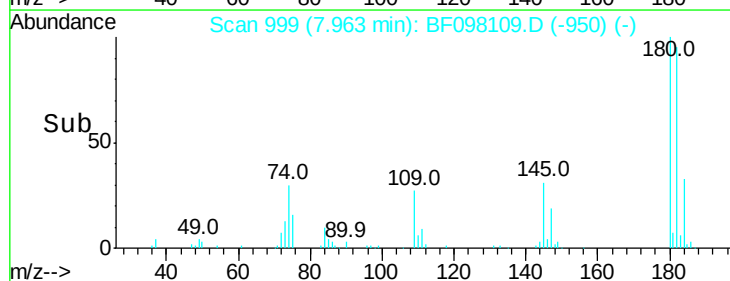
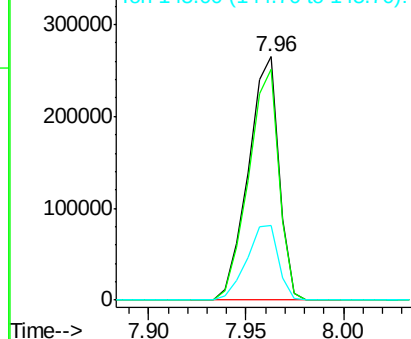
Tgt Ion:	180	Resp:	287008
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.8	113.6
145	30.8	25.3	37.9

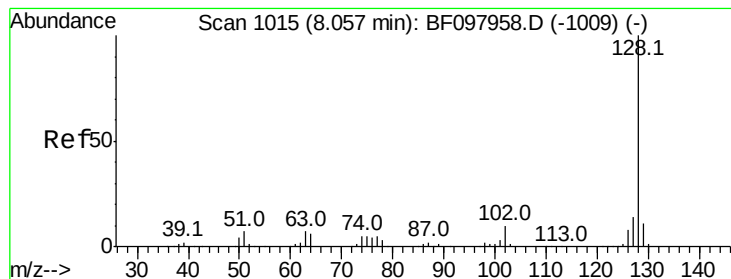


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.602 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

PB101845BS

Tot Ion:128 Resp: 1015350

Ion Ratio Lower Upper

128 100

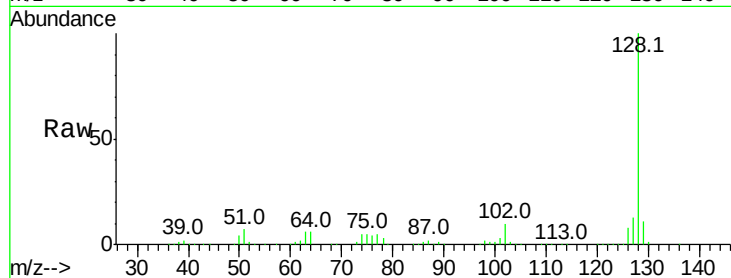
129 11.5 9.0 13.6

127 13.5 10.8 16.2

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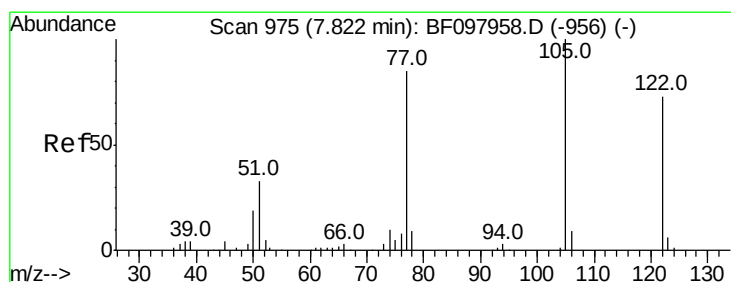
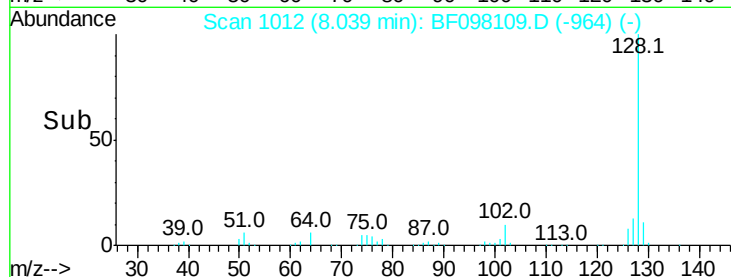
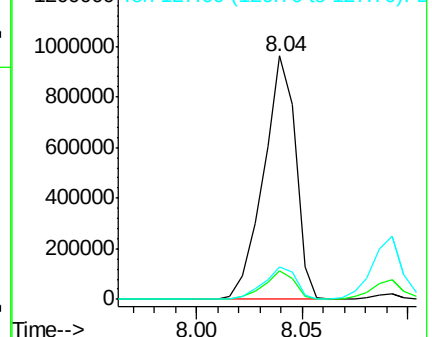
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.694 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

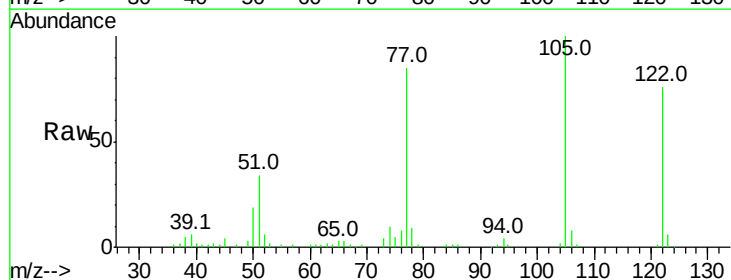
Tgt Ion:122 Resp: 241084

Ion Ratio Lower Upper

122 100

105 131.7 103.3 143.3

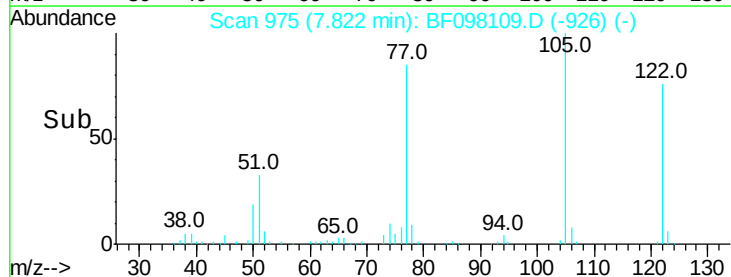
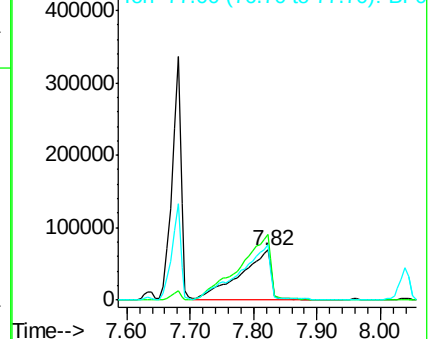
77 112.2 73.7 113.7

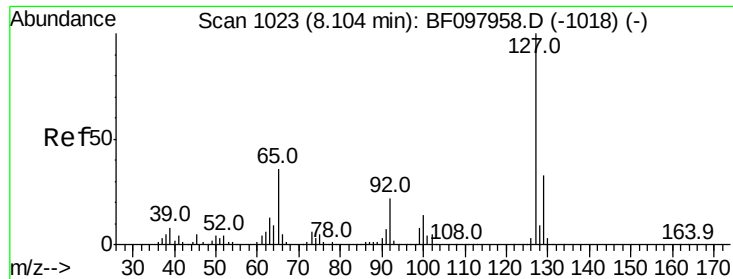


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





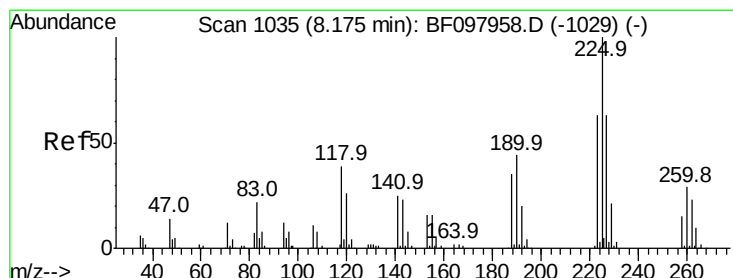
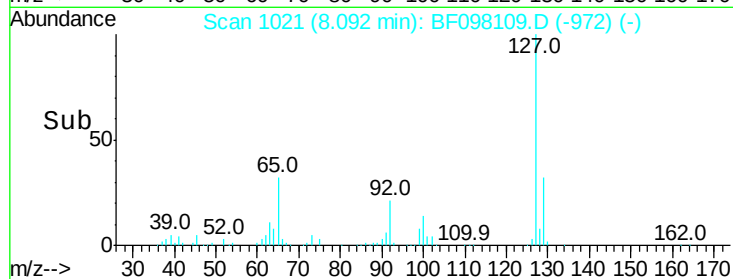
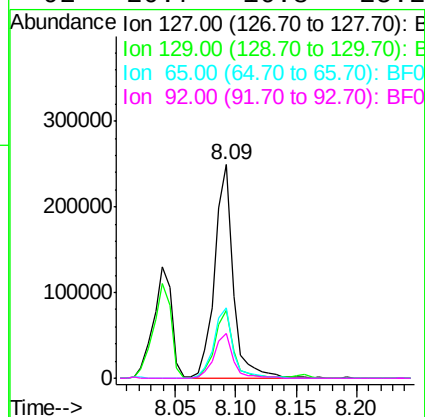
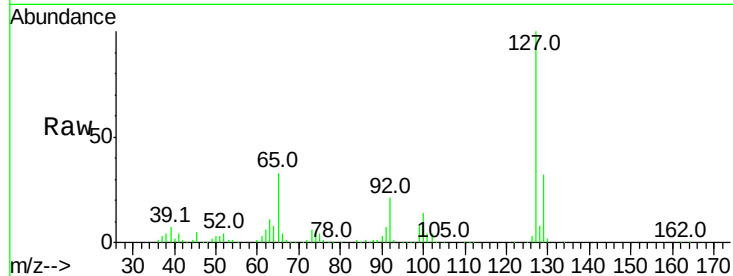
#33
4-Chloroaniline
Concen: 24.809 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	261649		
129	31.7	26.2	39.2	
65	33.1	27.8	41.8	
92	20.7	16.8	25.2	

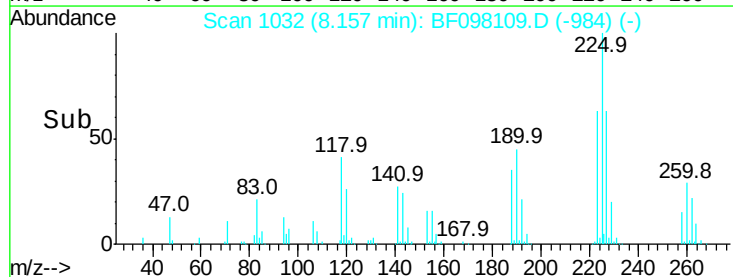
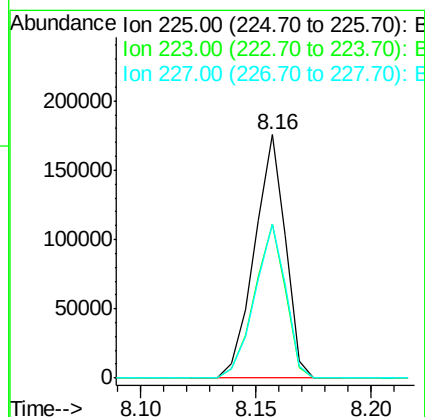
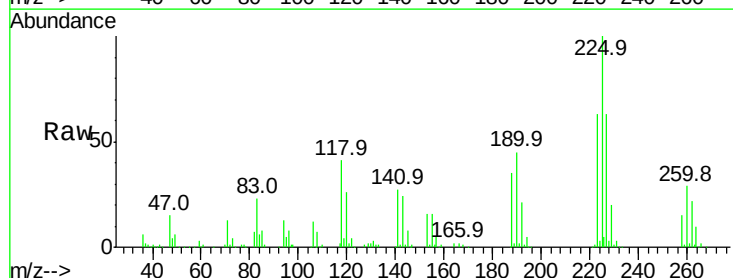
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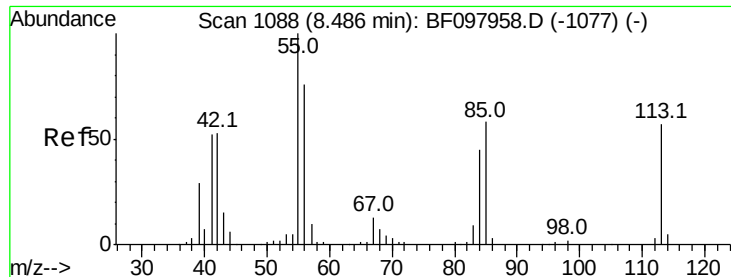
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#34
Hexachlorobutadiene
Concen: 39.733 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164155		
223	63.3	48.8	73.2	
227	63.4	51.1	76.7	





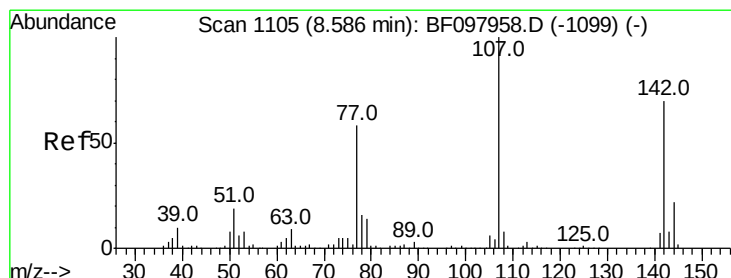
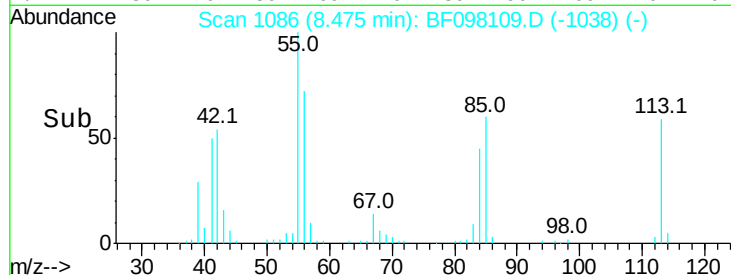
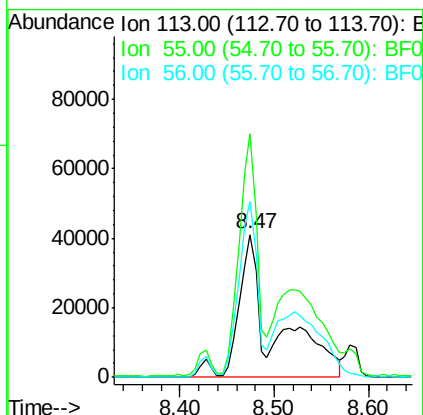
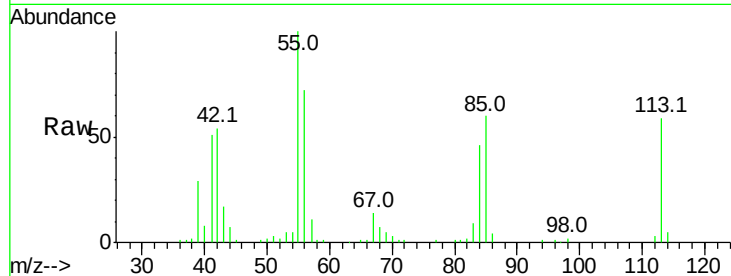
#35
 Caprolactam
 Concen: 49.602 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleID :
 PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	170.1	150.2	190.2	
56	122.6	107.8	147.8	

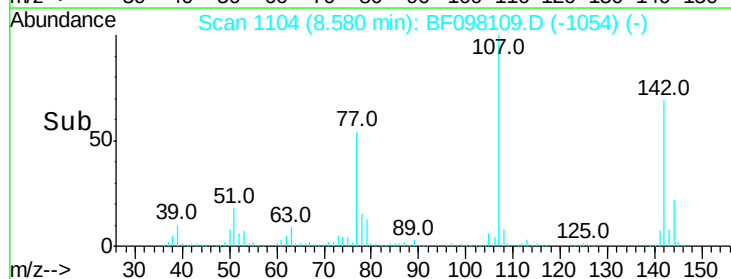
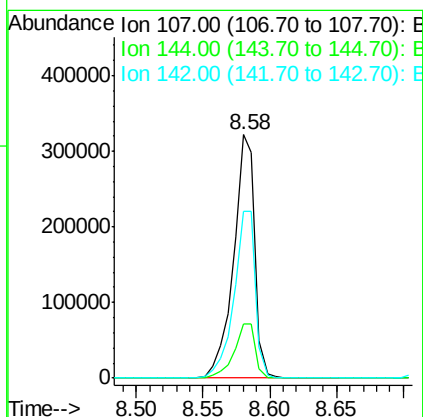
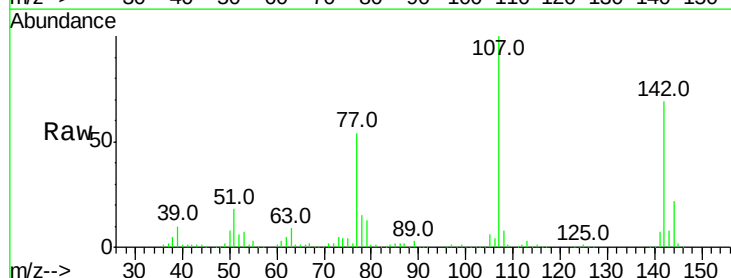
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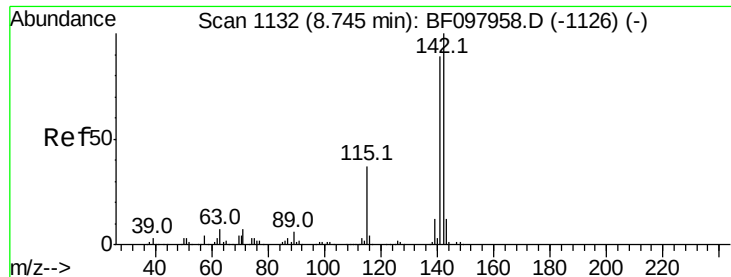
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#36
 4-Chloro-3-methylphenol
 Concen: 43.765 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.0	24.2	36.4#	
142	68.5	73.4	110.0#	





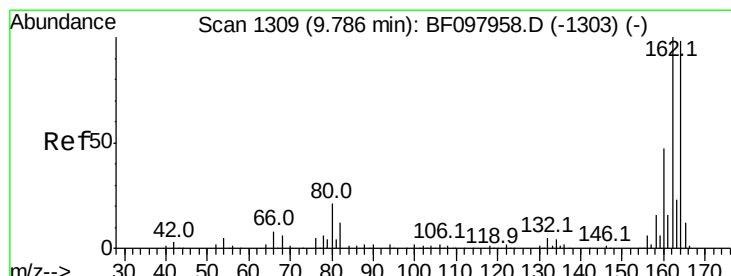
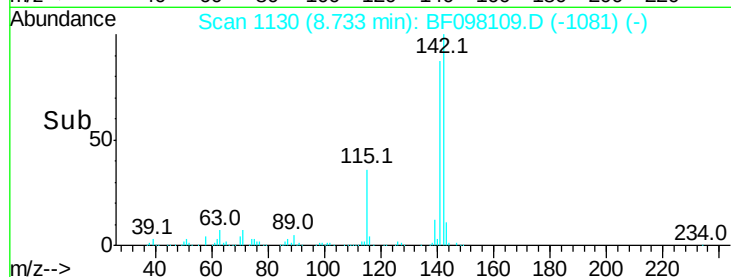
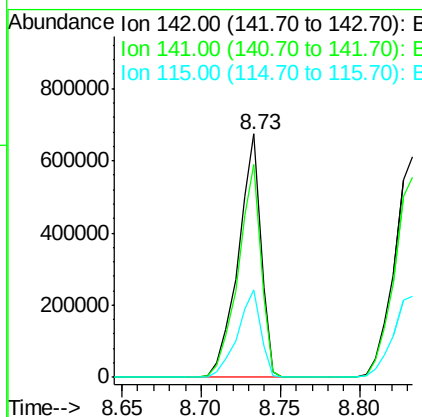
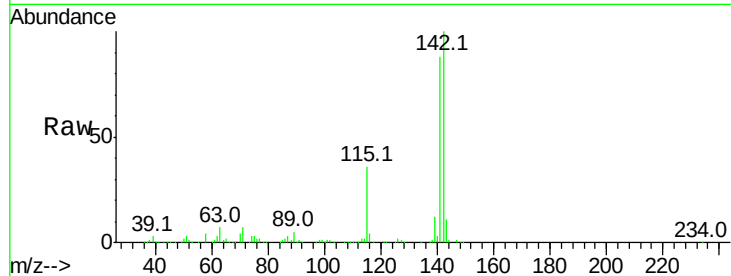
#37
2-Methylnaphthalene
Concen: 43.565 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	667924		
141	87.6		71.3	106.9
115	35.8		27.1	40.7

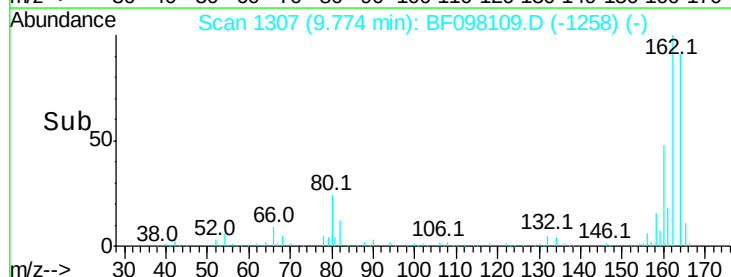
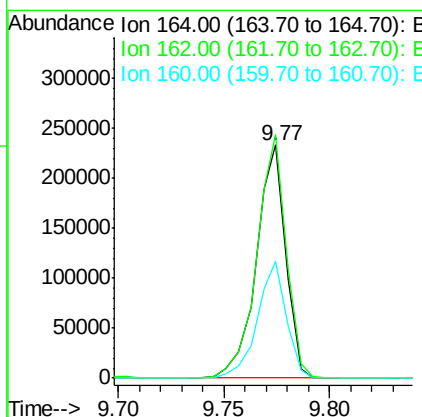
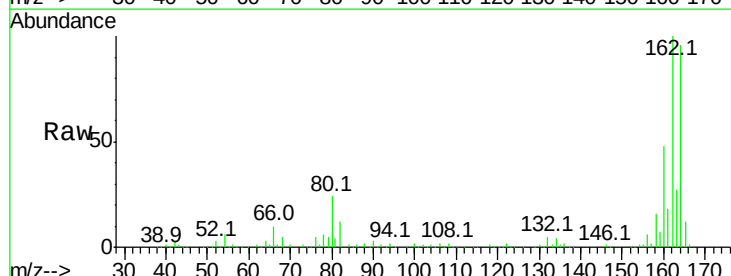
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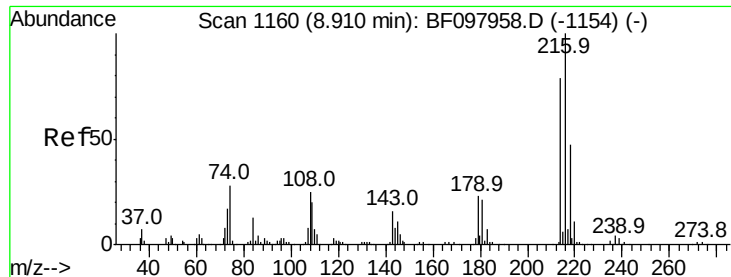
Sohil
8/30/2017 6:44:55 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	225125		
162	104.5		82.6	123.8
160	49.9		36.2	54.2





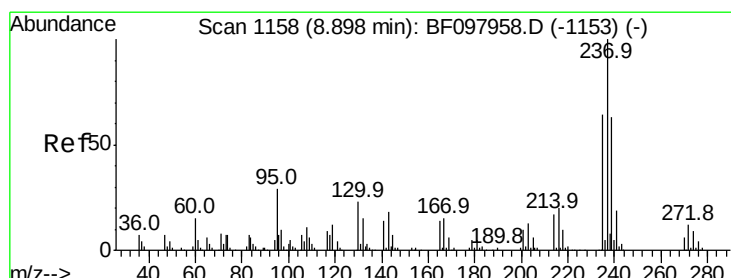
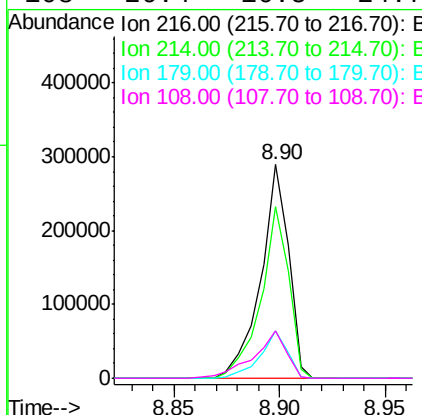
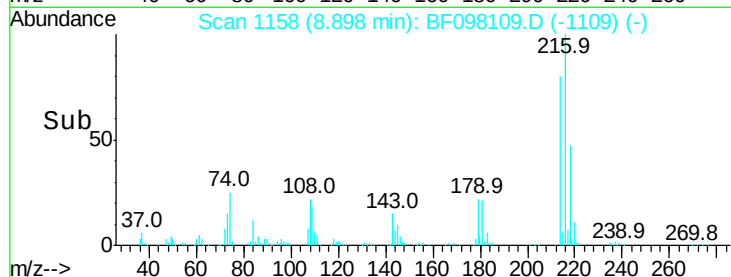
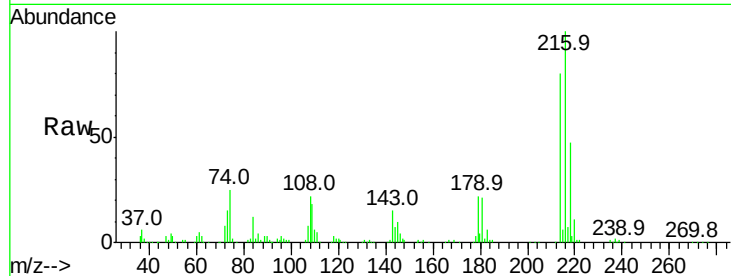
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.531 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	63.4	95.2
179	21.9	17.9	26.9
108	26.4	16.5	24.7

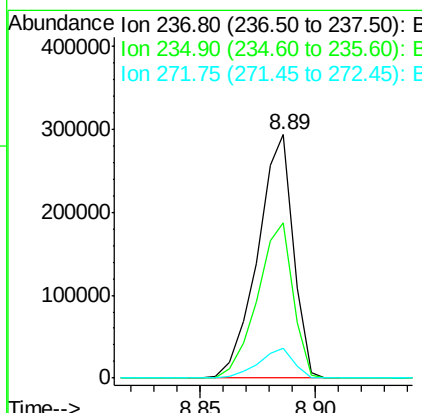
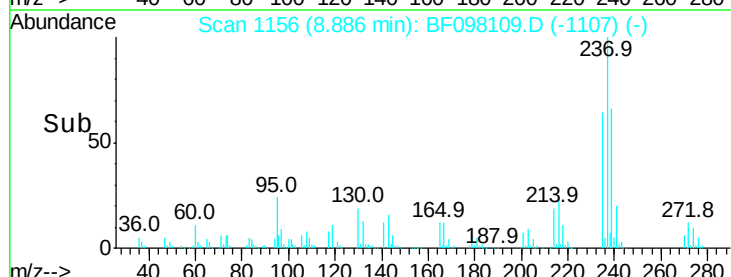
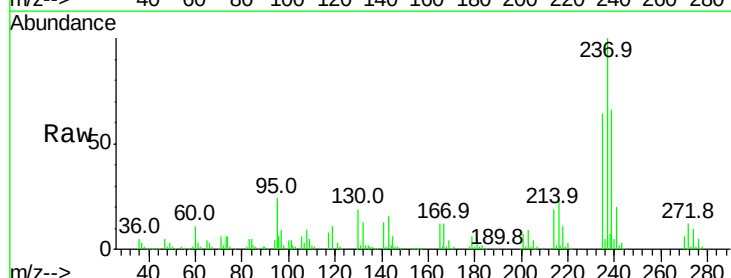
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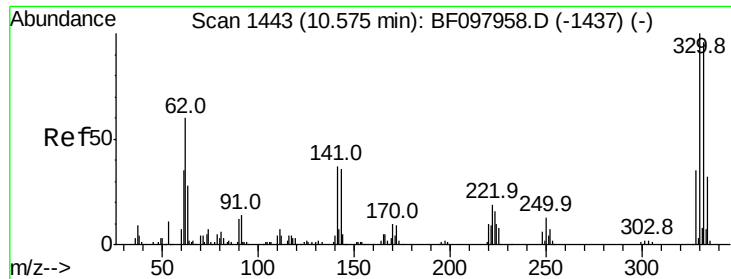
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#40
 Hexachlorocyclopentadiene
 Concen: 94.732 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.6	82.6
272	12.2	0.0	31.9





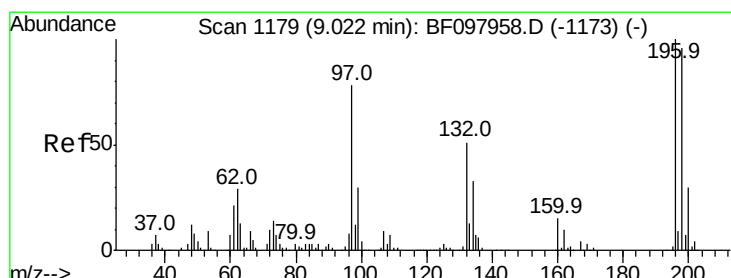
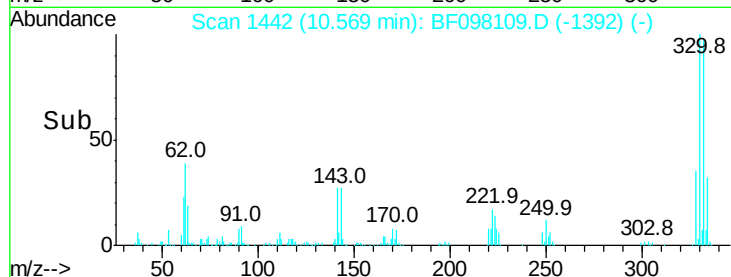
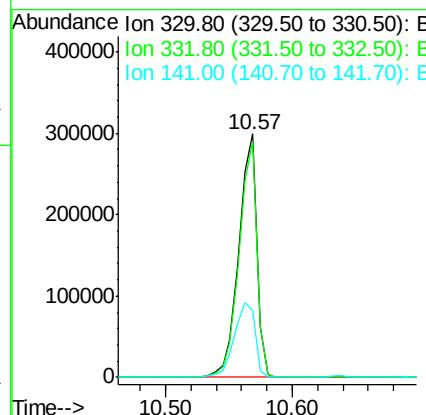
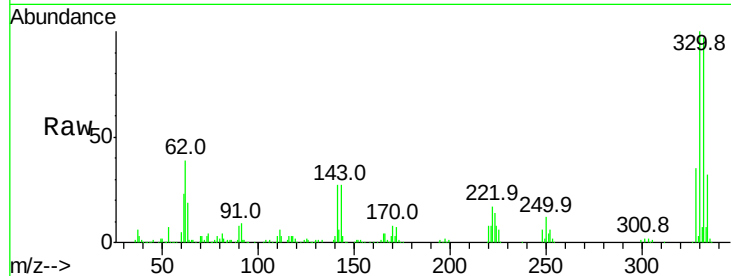
#41
 2,4,6-Tribromophenol
 Concen: 148.865 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	290781		
332	96.1	76.6	115.0	
141	35.4	31.4	47.2	

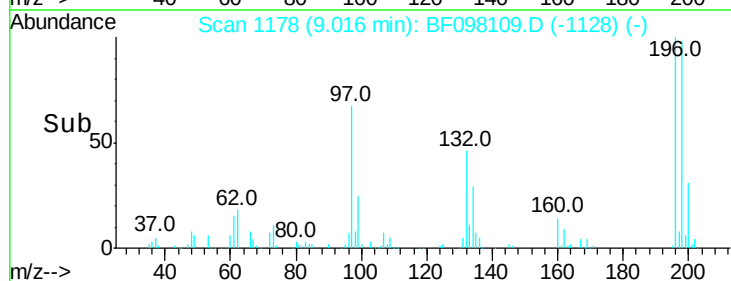
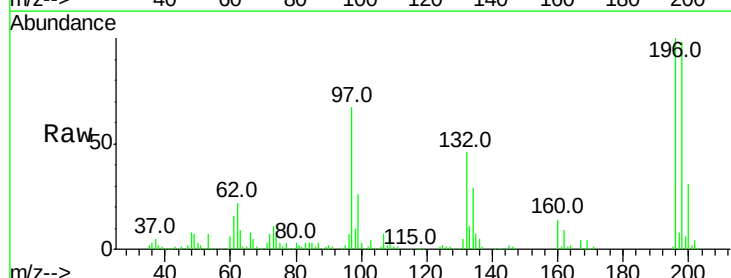
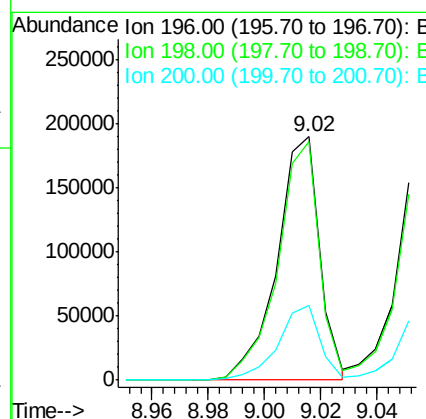
Manual Integrations
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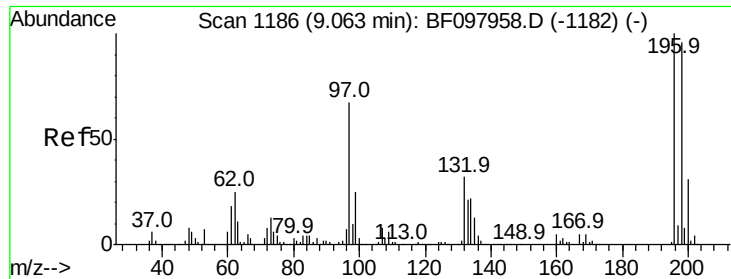
Sohil
 8/30/2017 6:44:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.846 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198744		
198	97.9	74.2	111.4	
200	30.6	24.0	36.0	





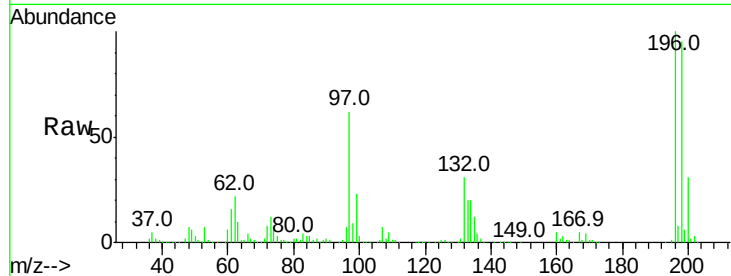
#43
 2,4,5-Trichlorophenol
 Concen: 44.990 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

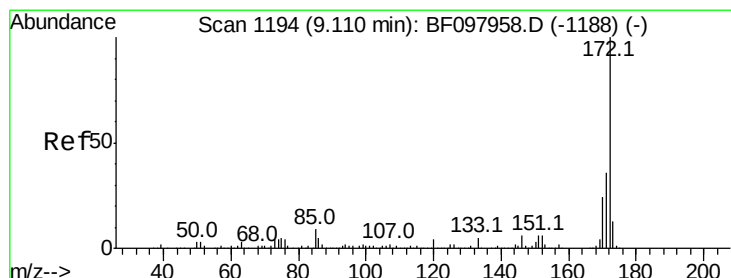
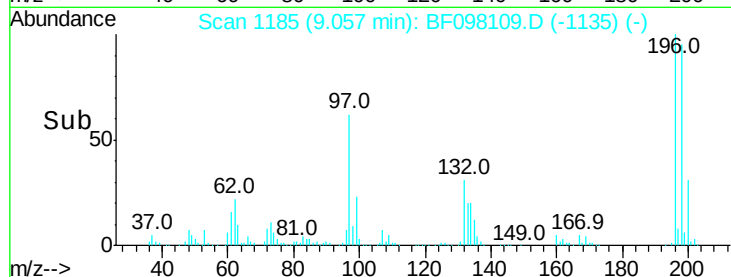
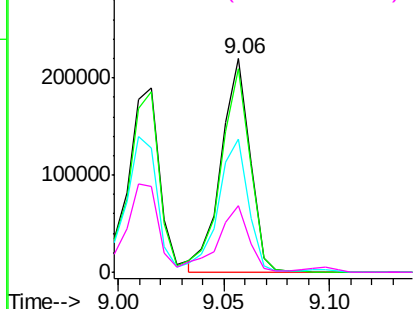
Tot Ion	196	Resp	207032
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.7	113.5
97	62.4	47.7	71.5
132	31.0	28.0	42.0

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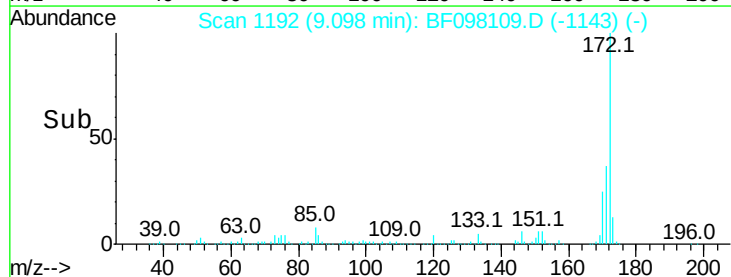
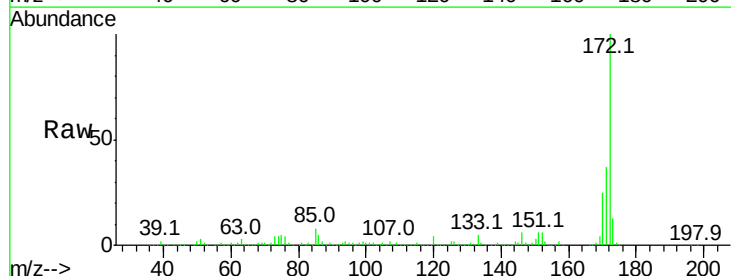
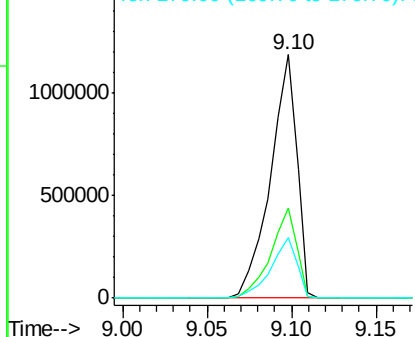
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

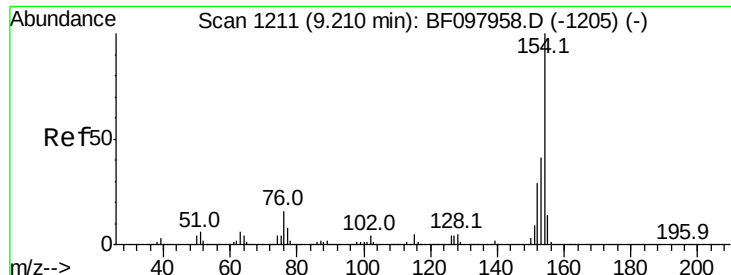


#44
 2-Fluorobiphenyl
 Concen: 84.257 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	172	Resp	1291070
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.6	44.4
170	24.6	19.8	29.8

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





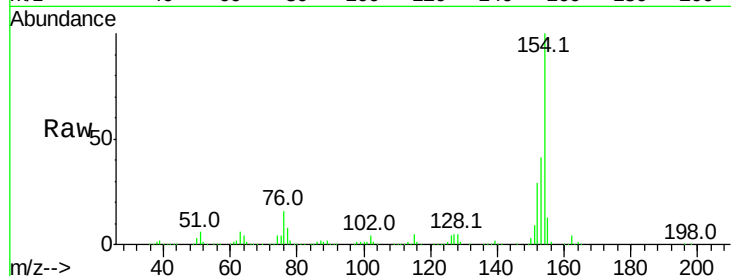
#45
 1,1'-Biphenyl
 Concen: 38.786 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.2	61.2	
76	15.7	0.0	29.9	

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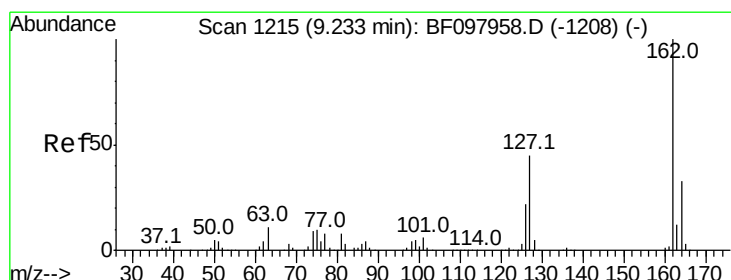
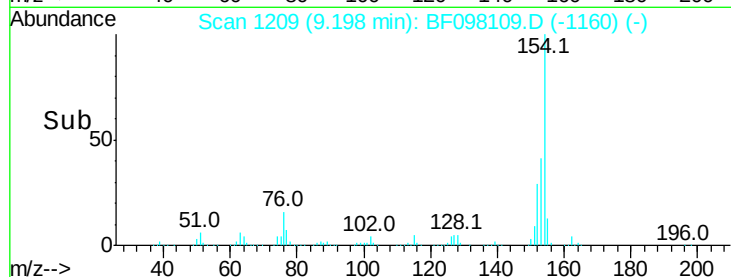
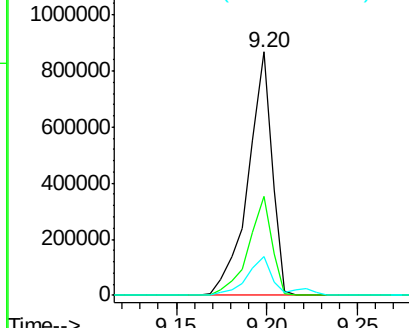


Abundance

Ion 154.00 (153.70 to 154.70): E

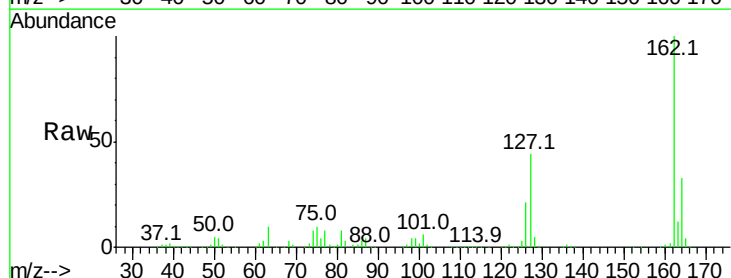
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.584 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.8	28.3	42.5#	
164	33.5	27.0	40.4	

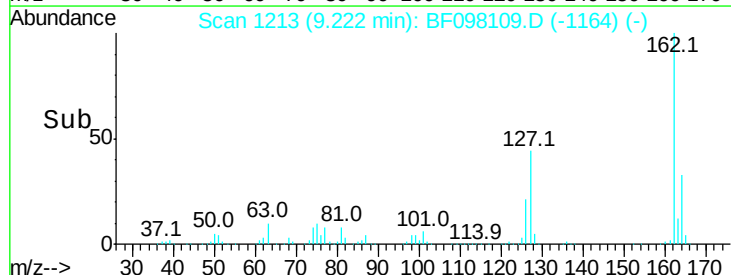
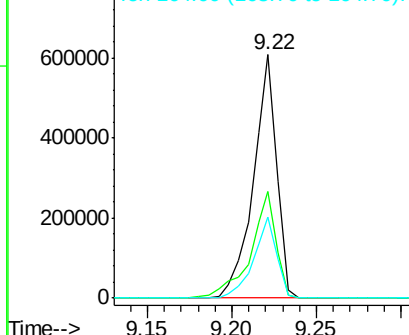


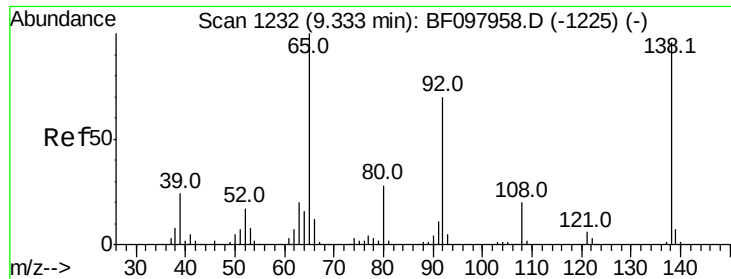
Abundance

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





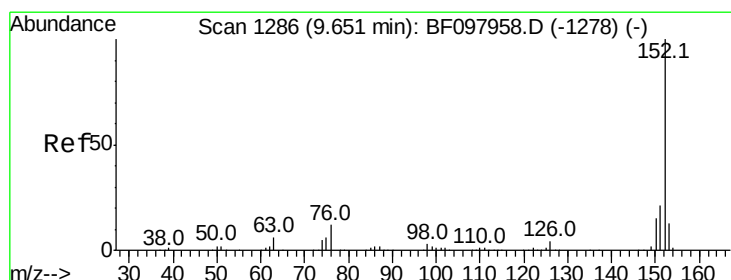
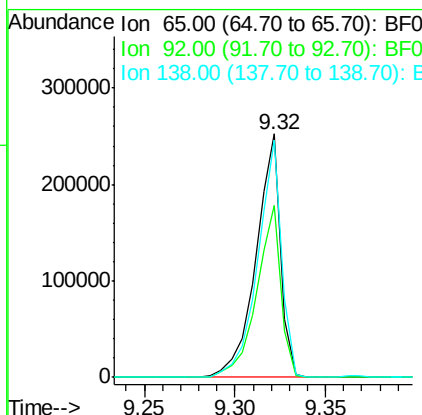
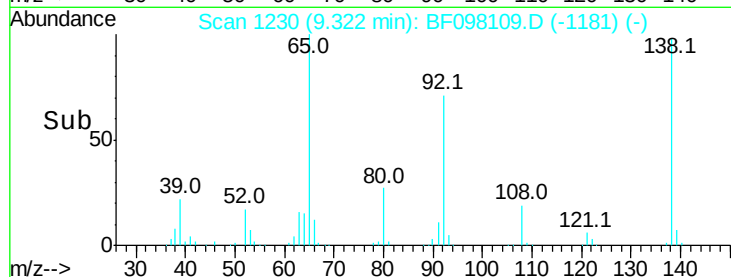
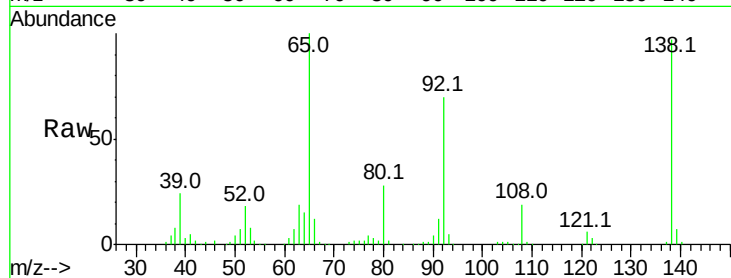
#47
2-Nitroaniline
Concen: 46.698 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	53.9	80.9
138	97.2	78.8	118.2

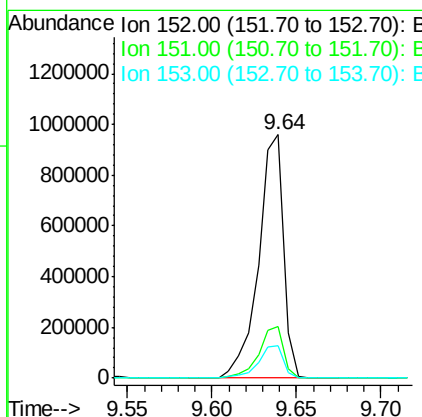
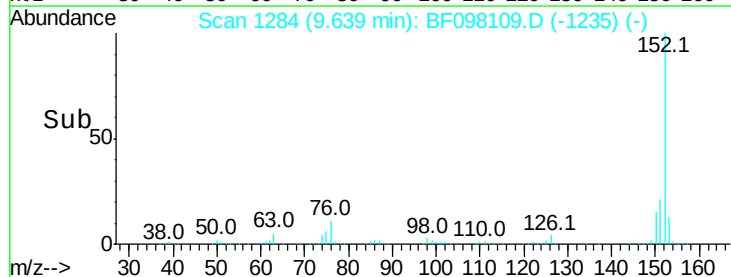
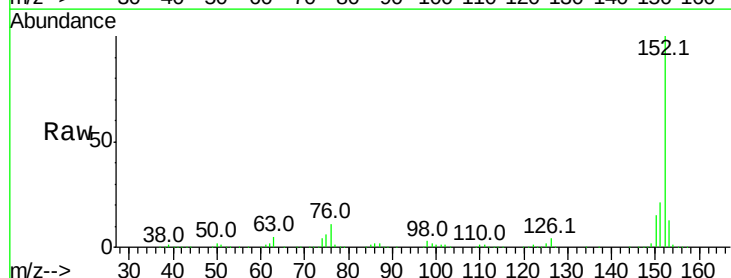
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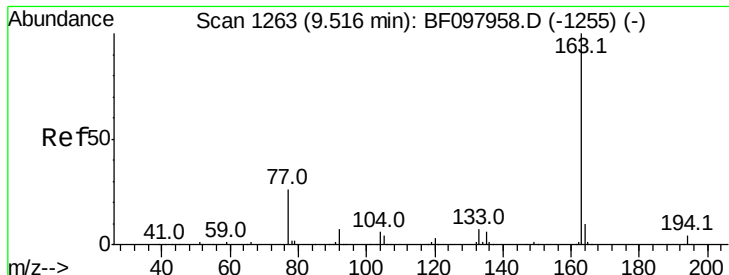
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#48
Acenaphthylene
Concen: 41.245 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2
153	13.3	10.8	16.2





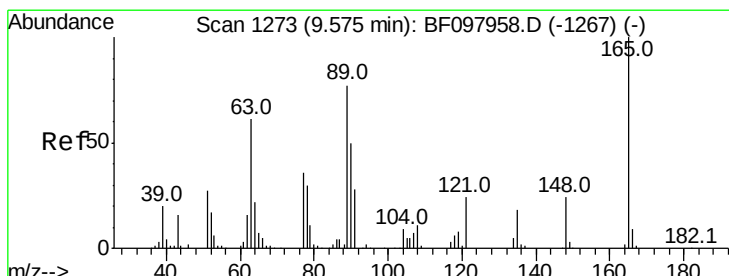
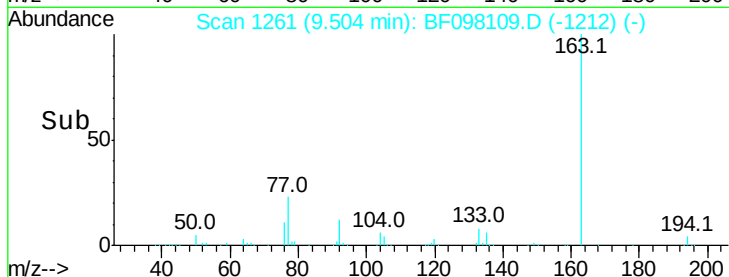
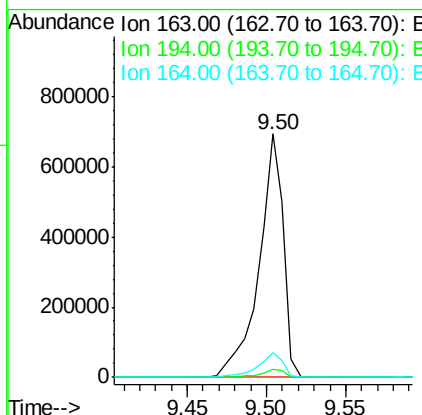
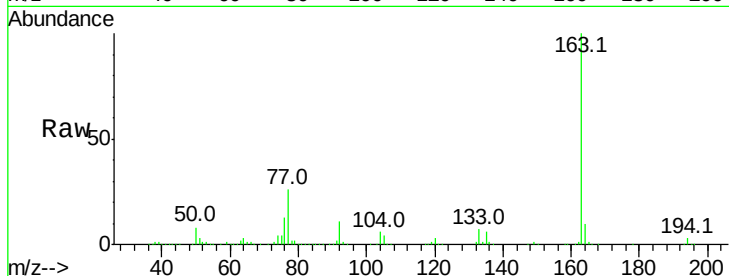
#49
Dimethylphthalate
Concen: 45.125 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	742577		
194	3.4		2.6	4.0
164	10.1		8.4	12.6

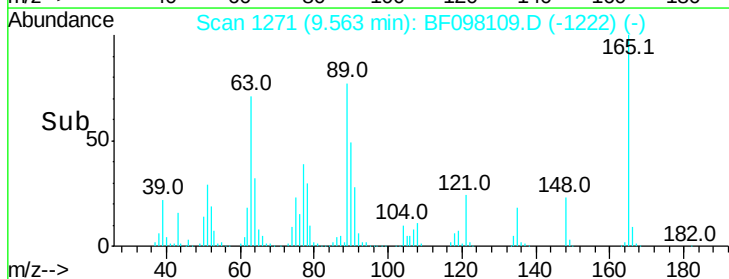
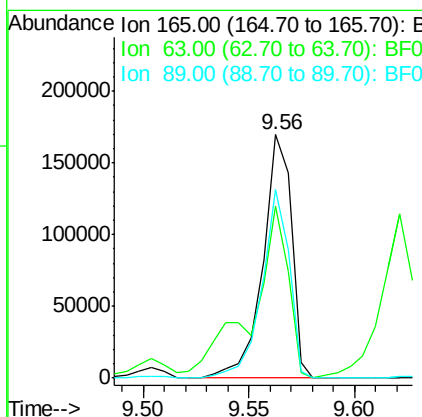
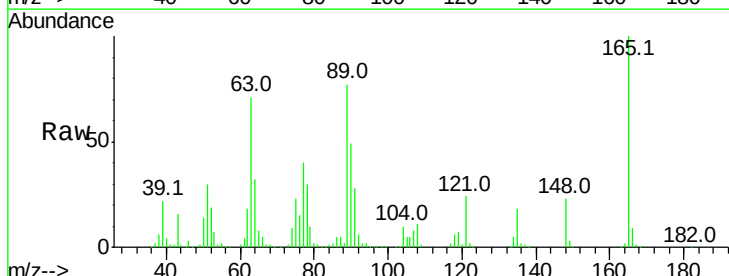
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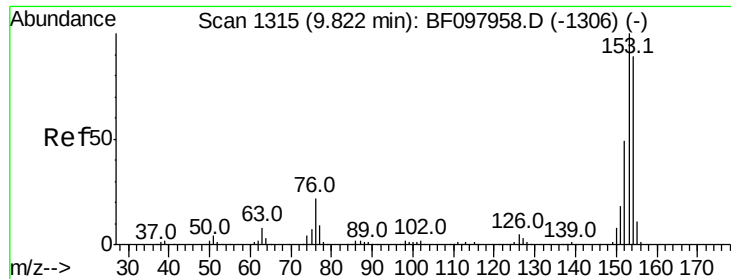
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#50
2,6-Dinitrotoluene
Concen: 48.719 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160030		
63	70.6		34.3	51.5#
89	77.3		37.1	55.7#





#51

Acenaphthene

Concen: 38.631 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

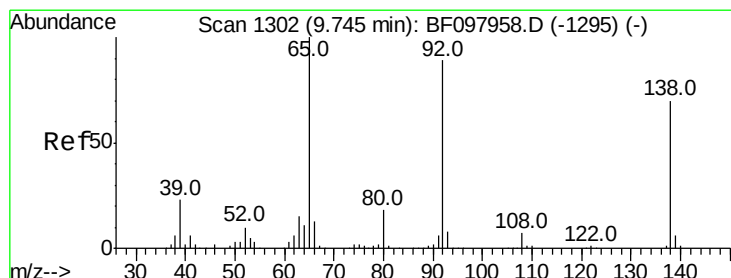
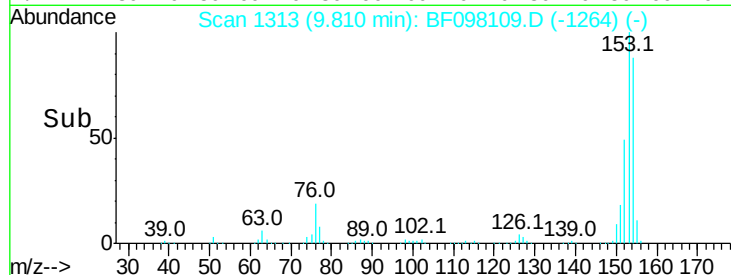
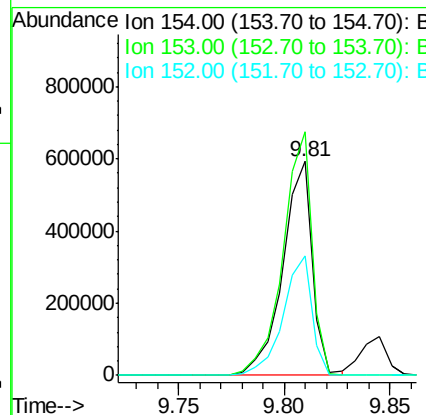
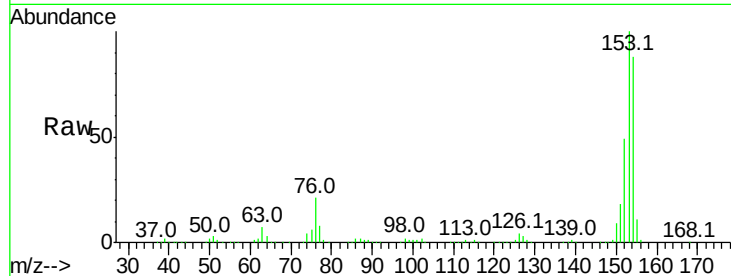
ClientSampleId :

PB101845BS

Tot Ion:	154	Resp:	580359
Ion Ratio	Lower	Upper	
154	100		
153	113.8	90.5	135.7
152	55.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 32.176 ng

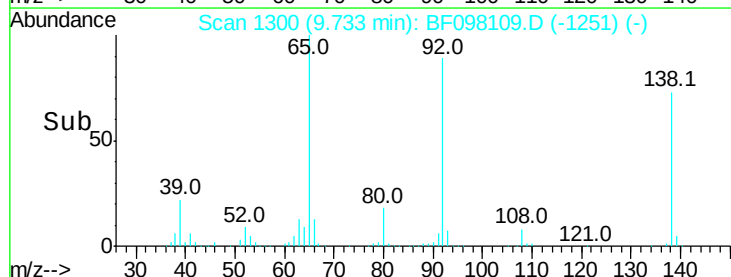
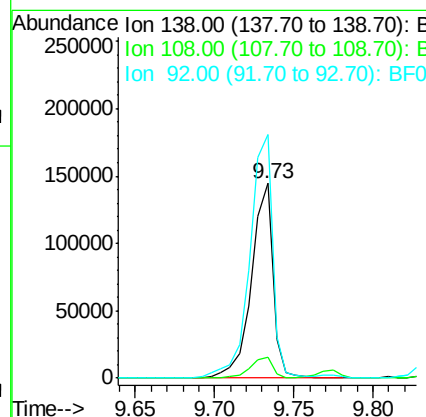
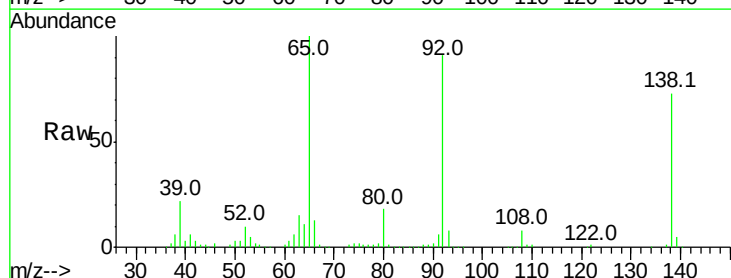
RT: 9.73 min Scan# 1300

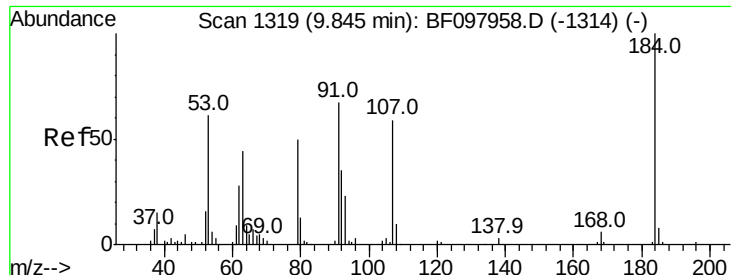
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	138	Resp:	136359
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.1	13.7
92	125.1	93.8	140.6





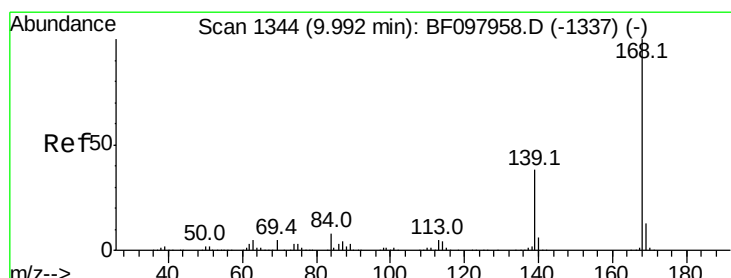
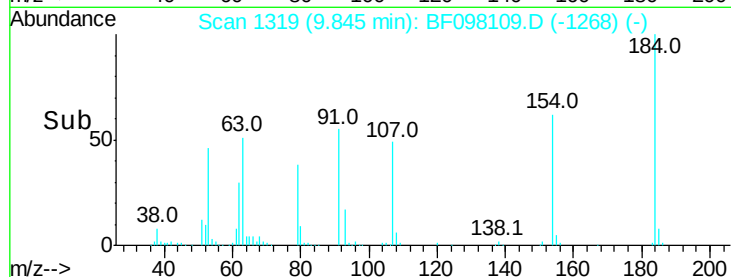
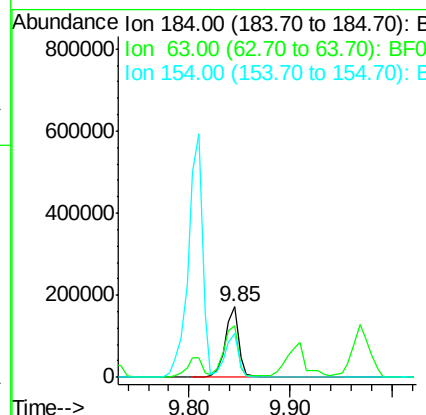
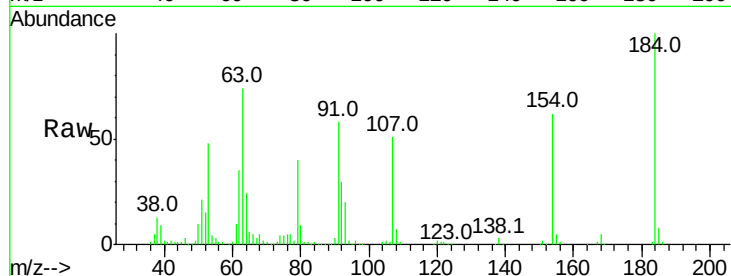
#53
2,4-Dinitrophenol
Concen: 100.603 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	161867		
63	73.6	62.7	94.1	
154	62.1	81.1	121.7#	

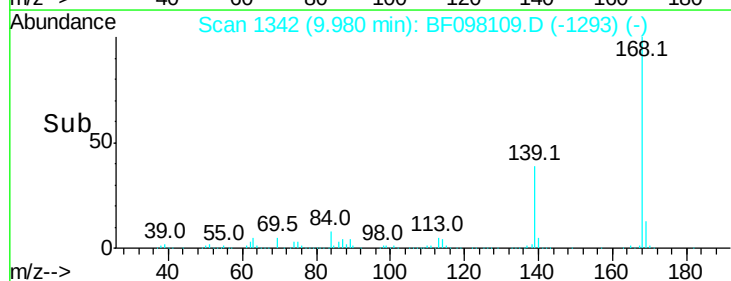
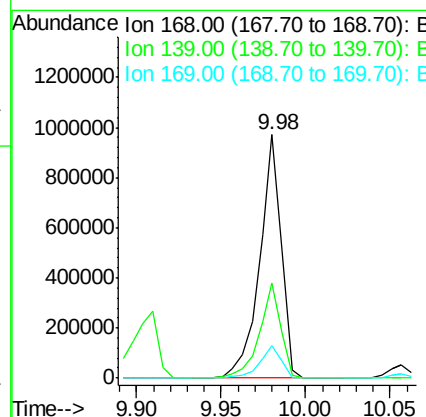
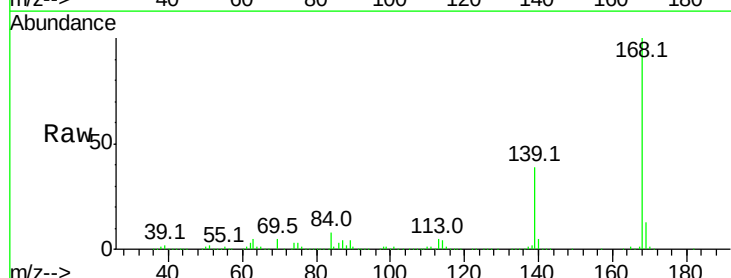
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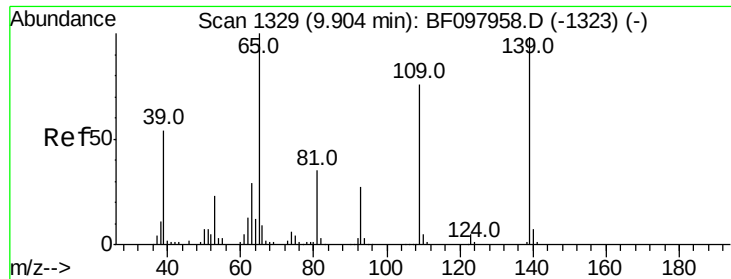
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#54
Dibenzofuran
Concen: 42.979 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	865340		
139	38.8	30.6	45.8	
169	13.5	10.8	16.2	





#55

4-Nitrophenol

Concen: 84.326 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

PB101845BS

Tot Ion:139 Resp: 285079

Ion Ratio Lower Upper

139 100

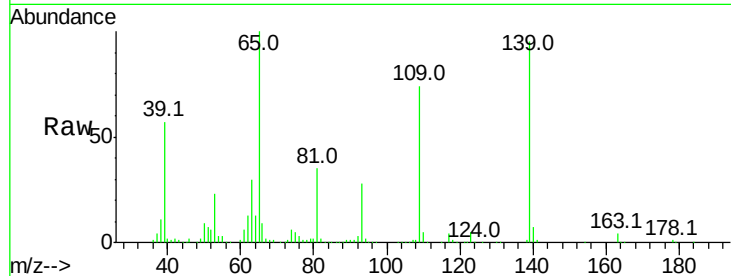
109 77.7 34.1 74.1#

65 105.3 31.4 71.4#

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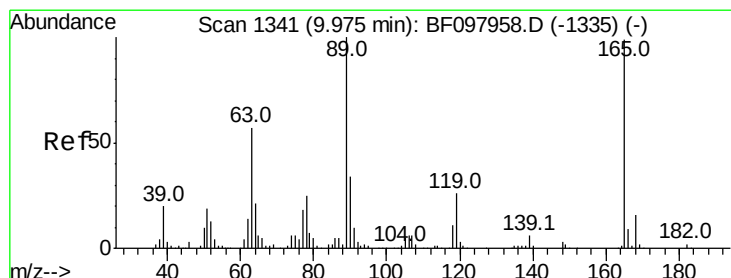
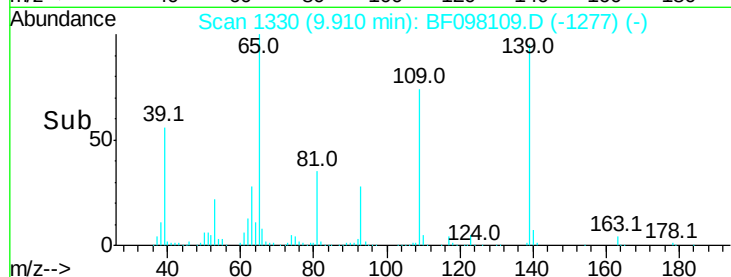
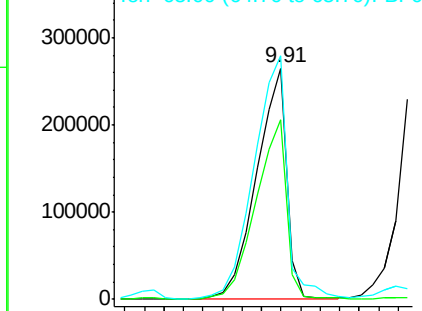
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.928 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:165 Resp: 209937

Ion Ratio Lower Upper

165 100

63 59.3 25.4 38.0#

89 95.6 46.4 69.6#

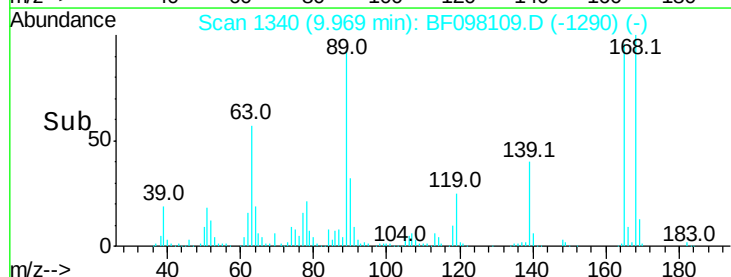
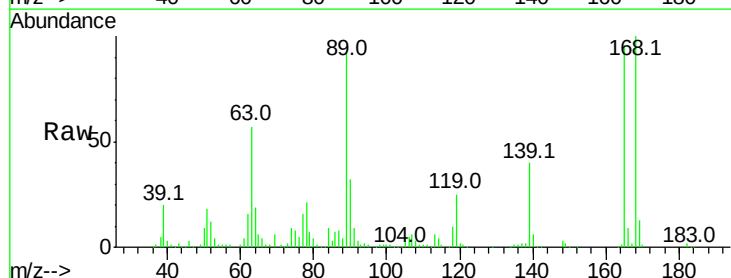
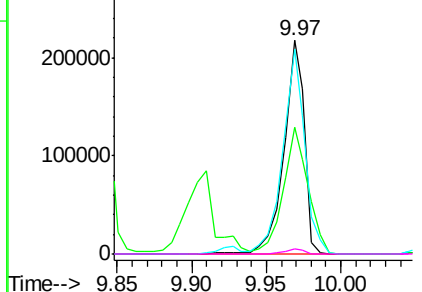
182 2.1 1.8 2.6

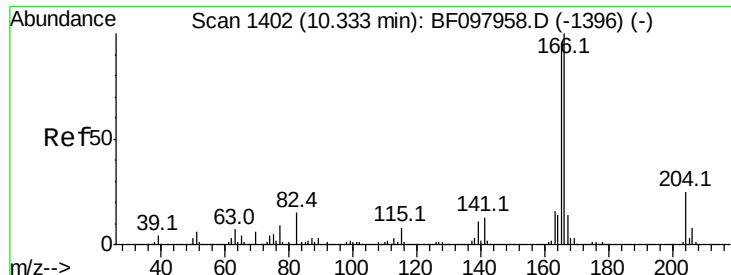
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





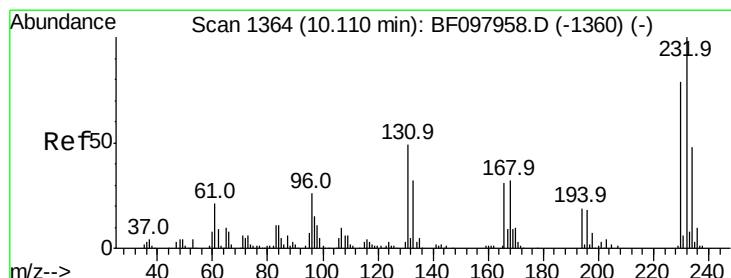
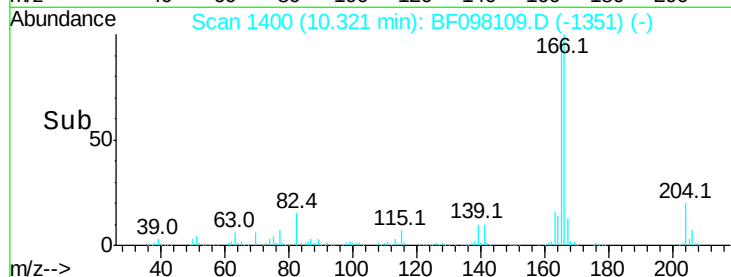
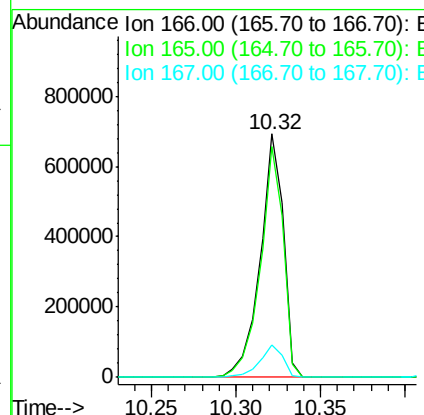
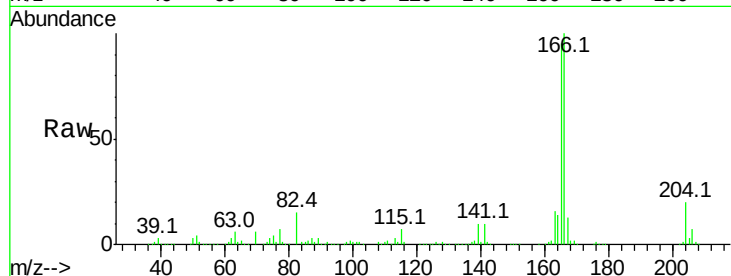
#57
 Fluorene
 Concen: 42.616 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	663393		
165	94.7	78.8	118.2	
167	13.5	10.6	16.0	

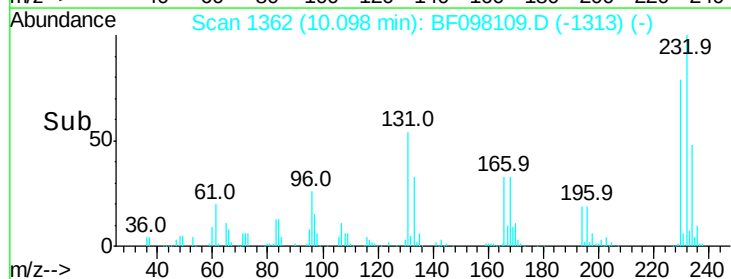
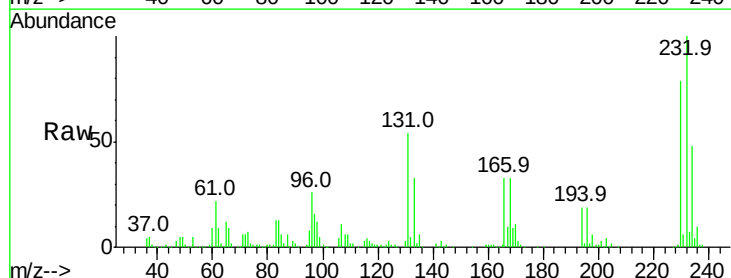
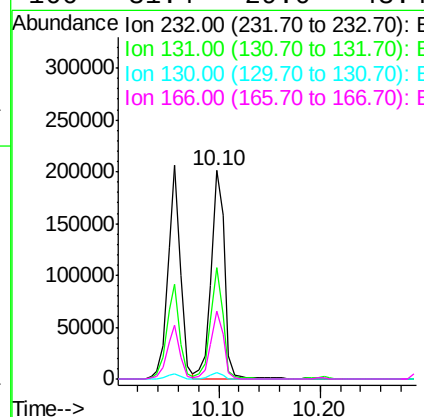
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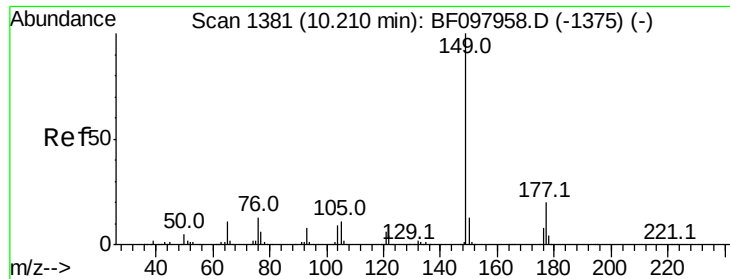
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.533 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	183603		
131	50.2	44.8	67.2	
130	2.7	2.3	3.5	
166	31.4	29.0	43.4	





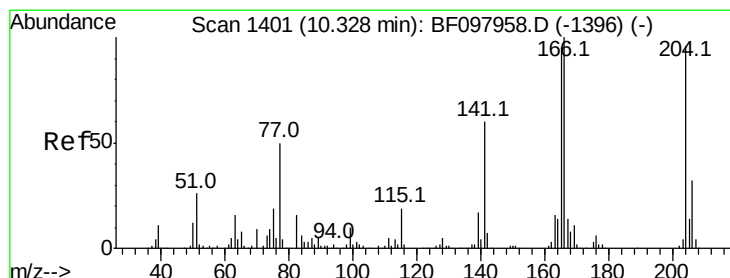
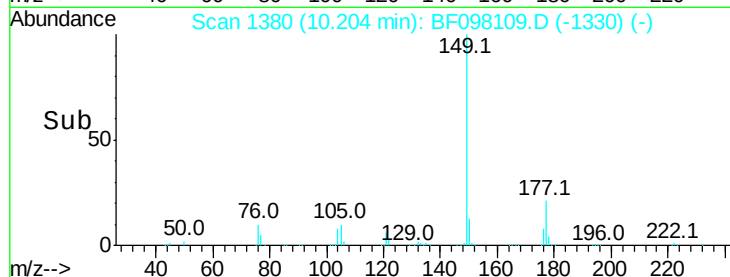
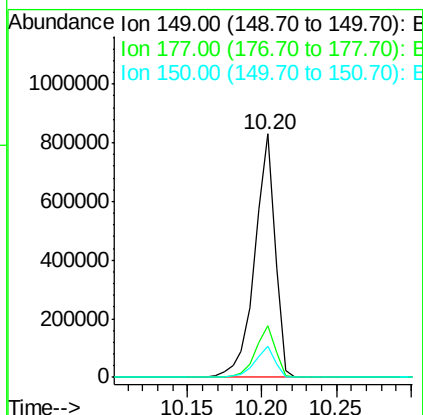
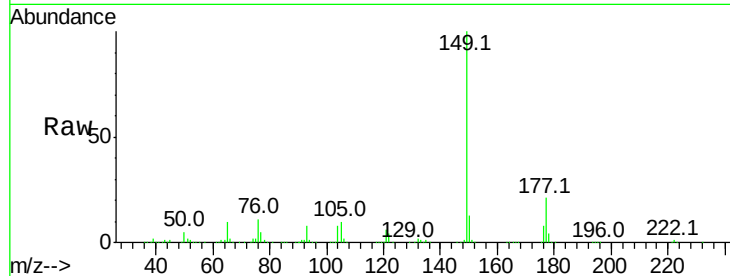
#59
Diethylphthalate
Concen: 44.814 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	771195		
177	21.3	16.7	25.1	
150	12.8	10.2	15.2	

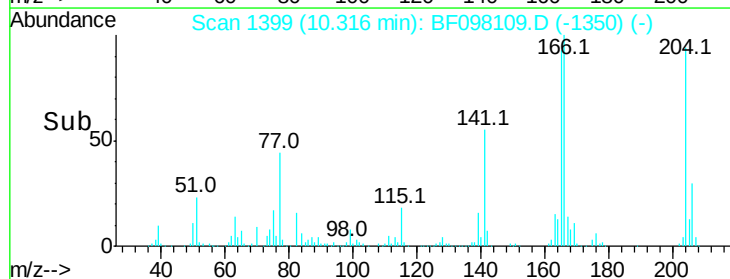
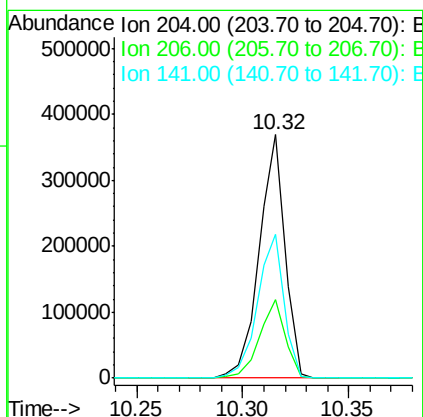
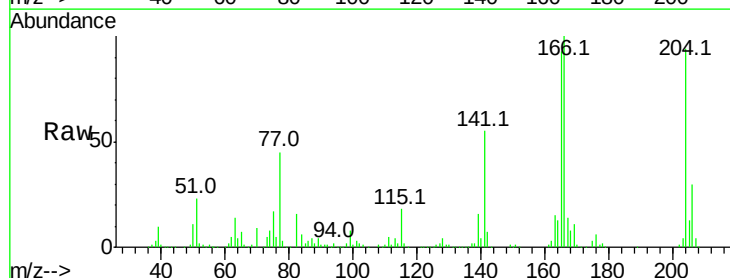
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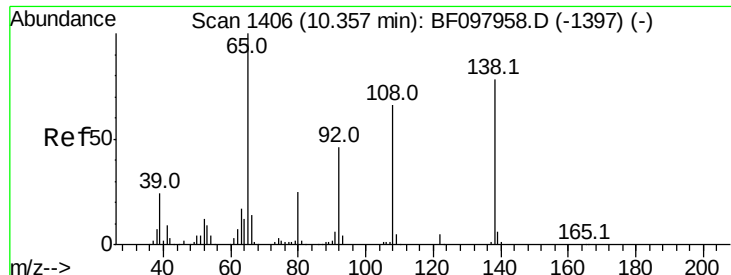
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#60
4-Chlorophenyl-phenylether
Concen: 43.316 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313251		
206	32.4	26.2	39.2	
141	58.9	60.8	91.2#	





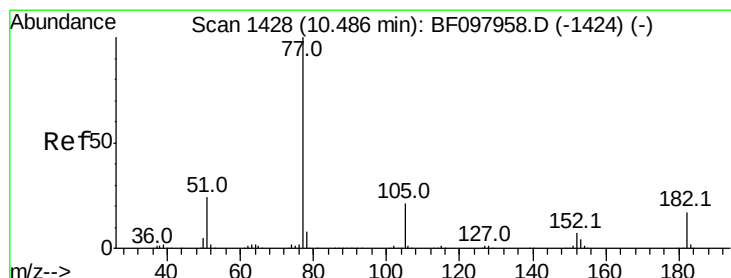
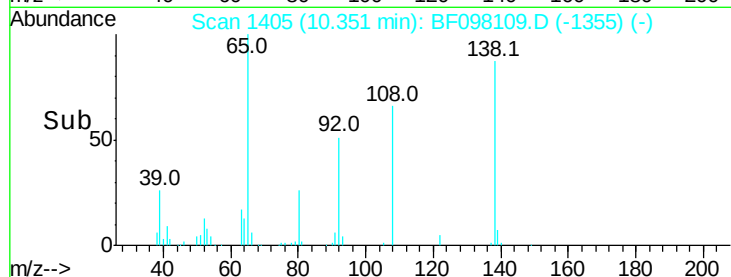
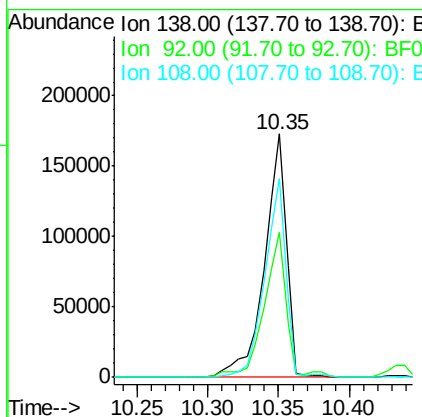
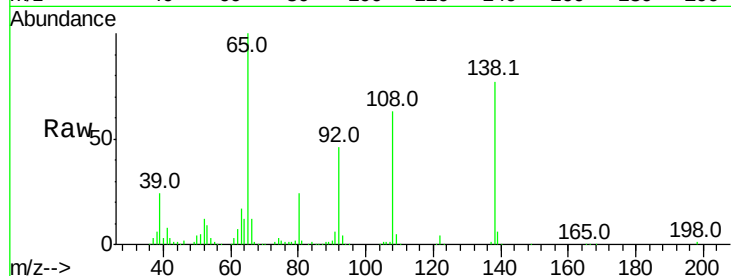
#61
4-Nitroaniline
Concen: 47.298 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	190514		
92	59.5	21.8	61.8	
108	81.8	42.3	82.3	

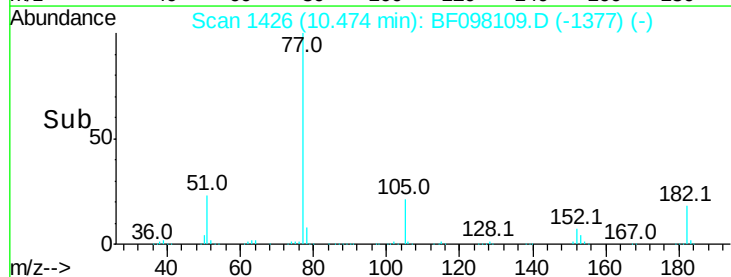
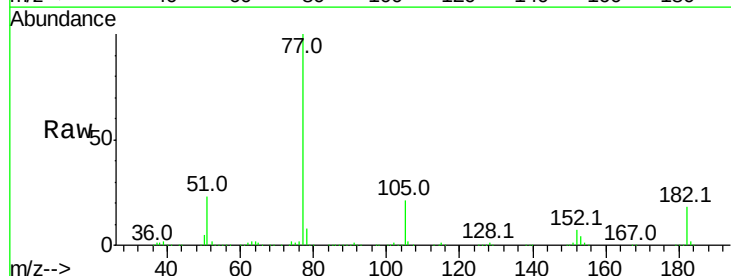
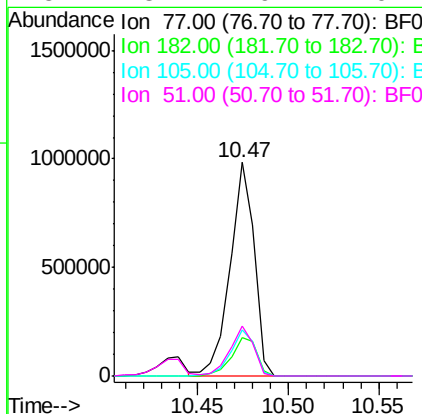
Manual Integrations
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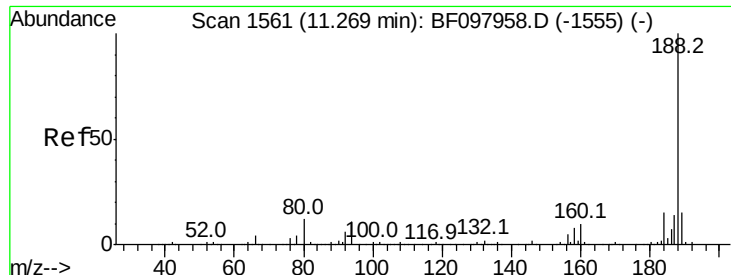
Sohil
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#62
Azobenzene
Concen: 44.714 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	914012		
182	18.2	0.1	40.1	
105	21.5	3.6	43.6	
51	23.4	9.4	49.4	





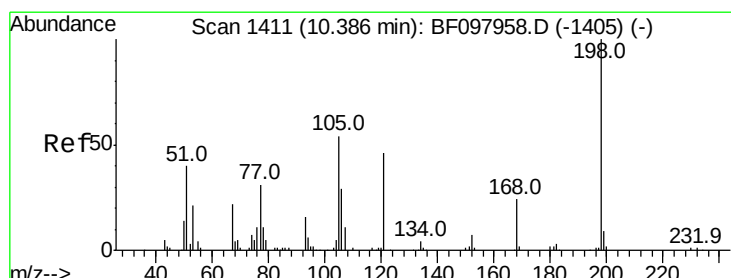
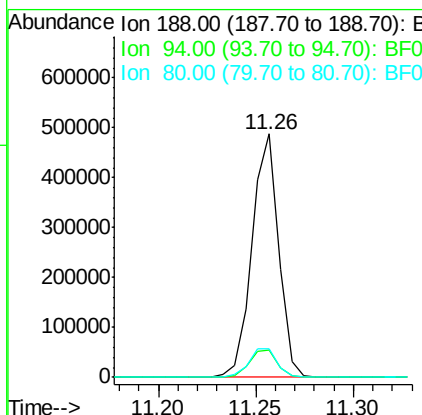
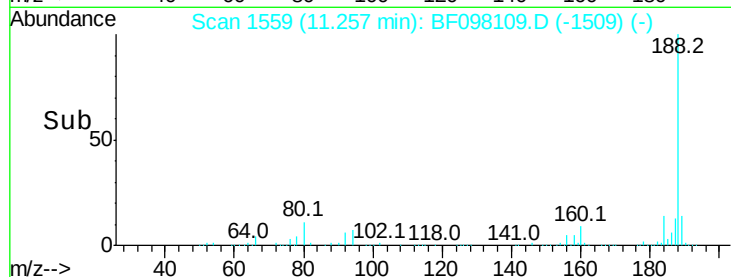
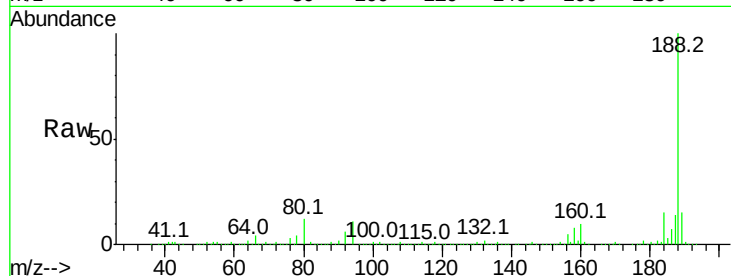
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	9.4	14.2	
80	11.6	10.2	15.2	

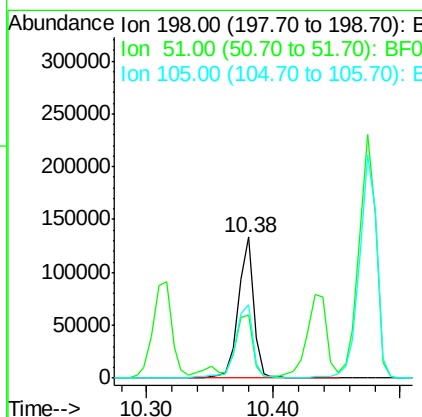
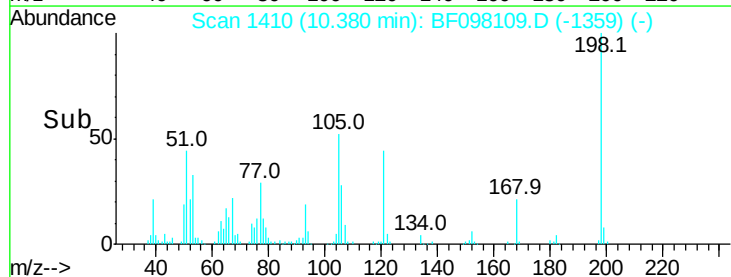
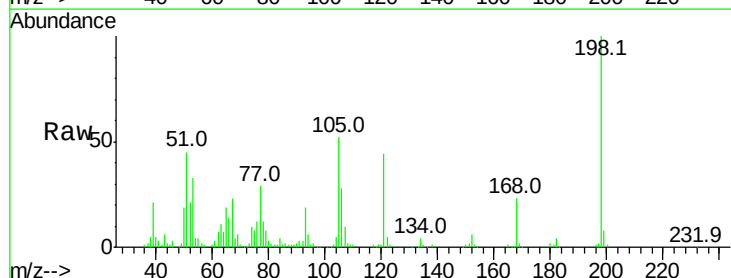
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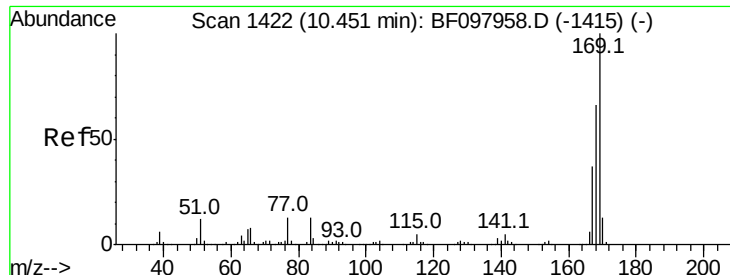
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.368 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.6	53.2	93.2#	
105	52.3	45.8	85.8	





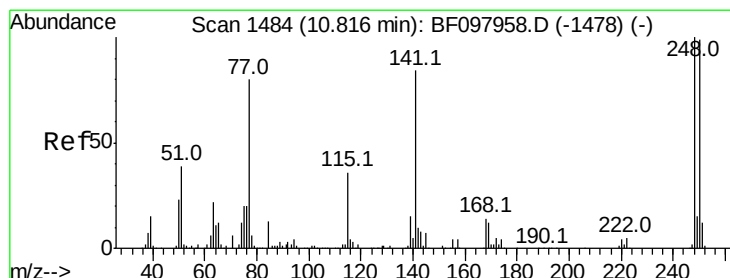
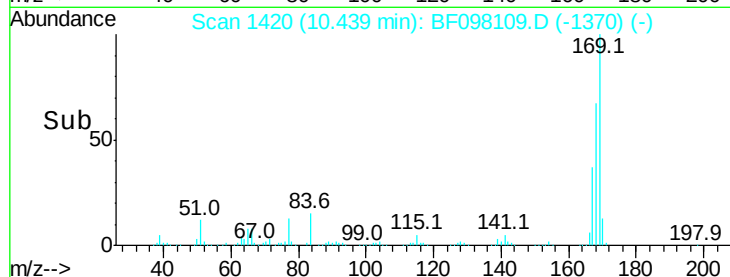
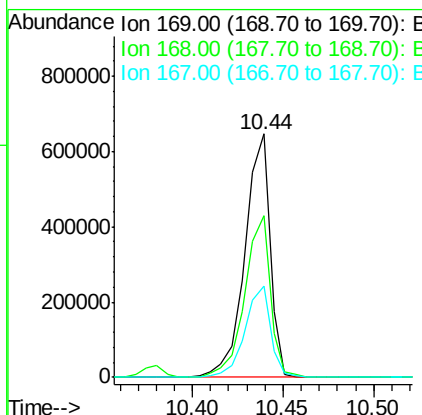
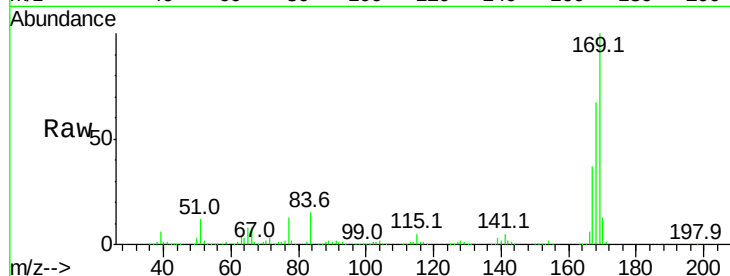
#65
n-Nitrosodiphenylamine
Concen: 39.954 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	624607		
168	66.6	53.2	79.8	
167	37.4	29.5	44.3	

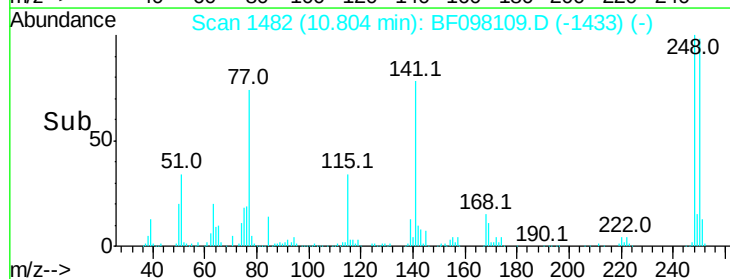
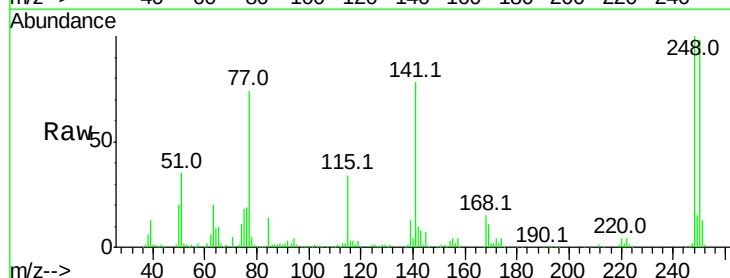
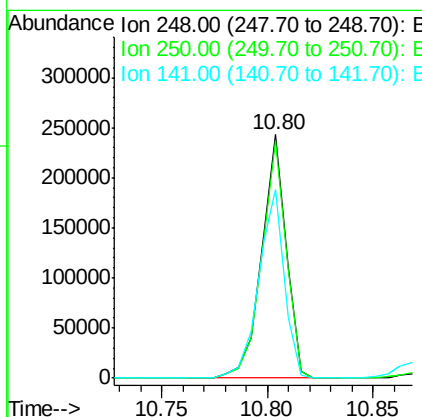
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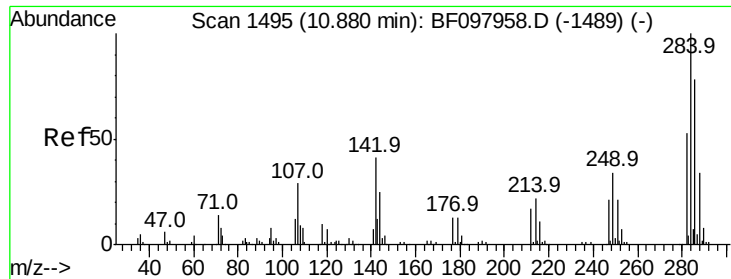
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#66
4-Bromophenyl-phenylether
Concen: 41.446 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	197586		
250	97.6	76.8	115.2	
141	77.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 39.833 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

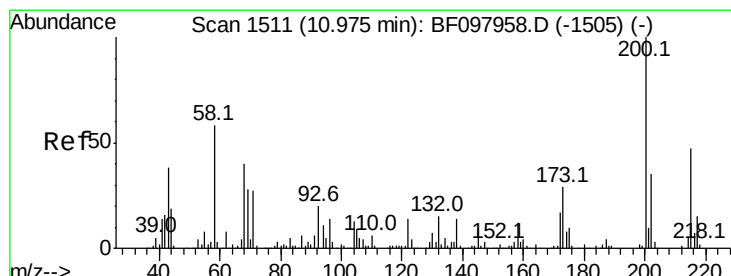
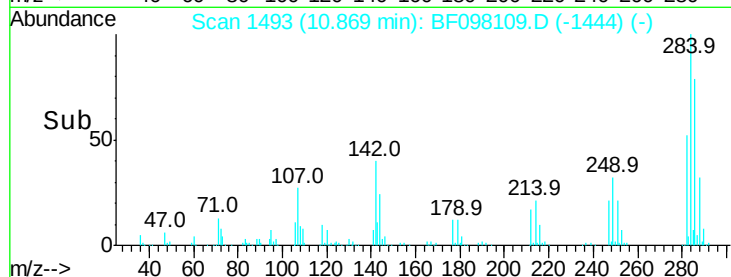
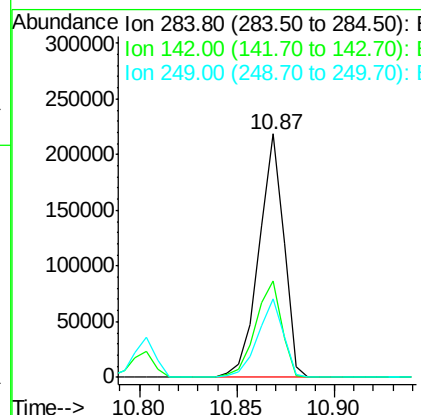
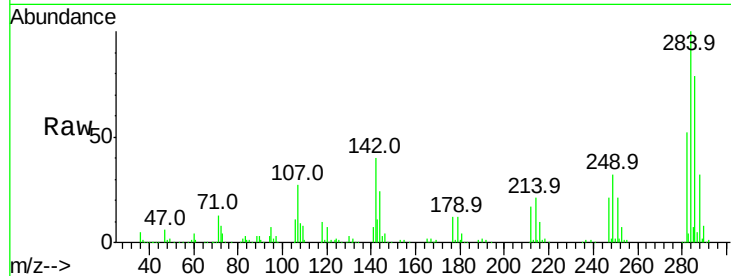
ClientSampled :

PB101845BS

Tot Ion:	284	Resp:	193552
Ion Ratio	Lower	Upper	
284	100		
142	39.6	22.8	34.2#
249	32.1	24.0	36.0

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#68

Atrazine

Concen: 47.158 ng

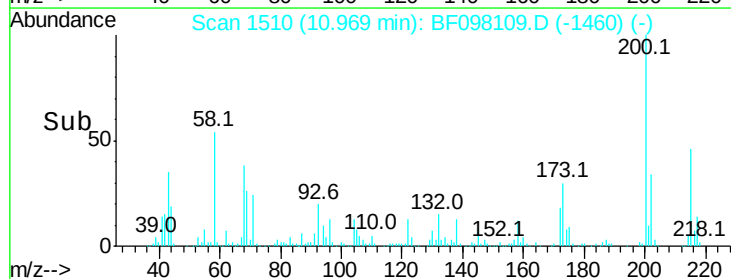
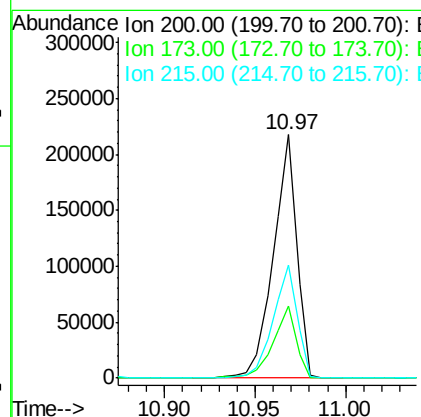
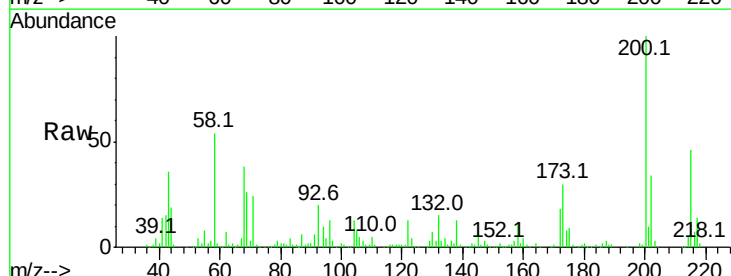
RT: 10.97 min Scan# 1510

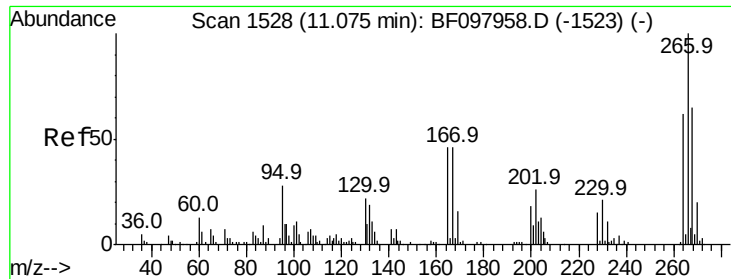
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	200	Resp:	195512
Ion Ratio	Lower	Upper	
200	100		
173	29.5	6.3	46.3
215	46.3	27.2	67.2





#69

Pentachlorophenol

Concen: 81.468 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

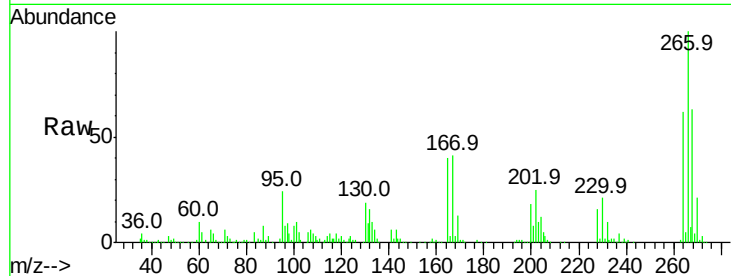
ClientSampleId :

PB101845BS

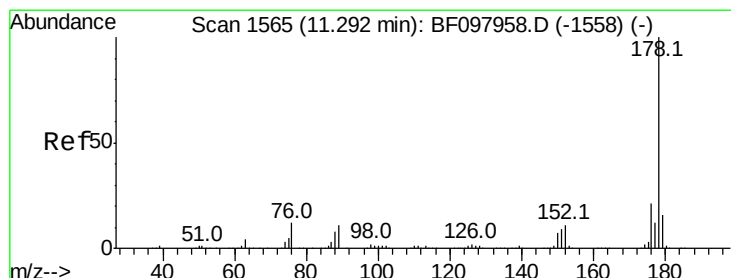
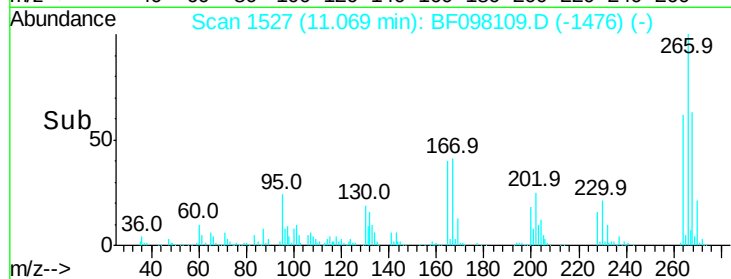
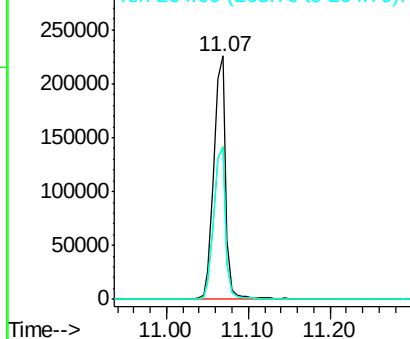
Tot Ion:	266	Resp:	230812
Ion Ratio		Lower	Upper
266	100		
268	62.9	51.1	76.7
264	62.3	51.7	77.5

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



#70

Phenanthrene

Concen: 40.954 ng

RT: 11.28 min Scan# 1563

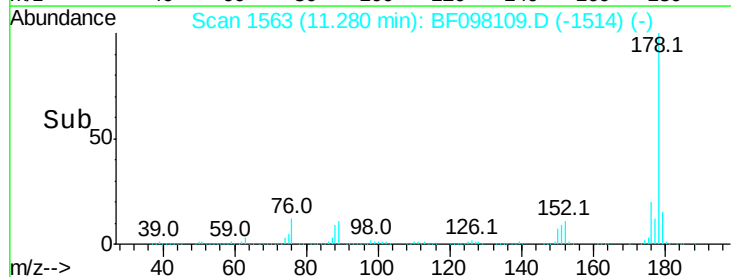
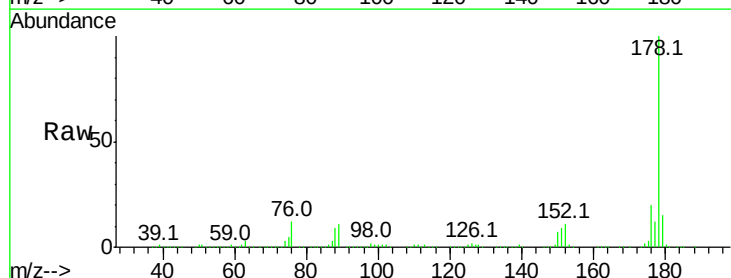
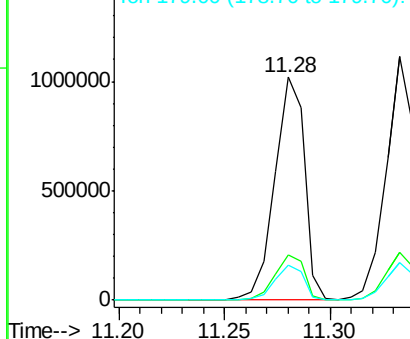
Delta R.T. -0.01 min

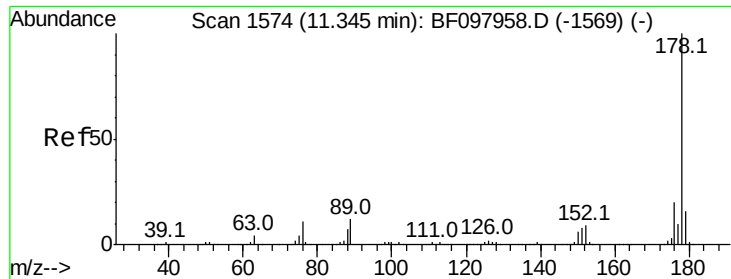
Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	178	Resp:	1001880
Ion Ratio		Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.5	12.6	19.0

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





#71

Anthracene

Concen: 41.540 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampled :

PB101845BS

Tot Ion:178 Resp: 1030714

Ion Ratio Lower Upper

178 100

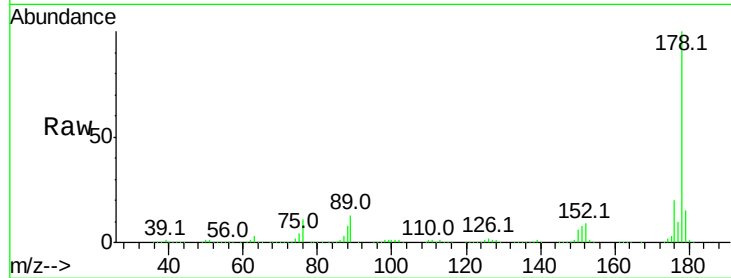
176 19.8 15.8 23.8

179 15.4 12.7 19.1

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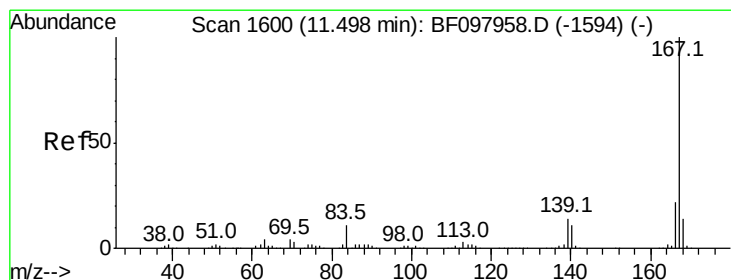
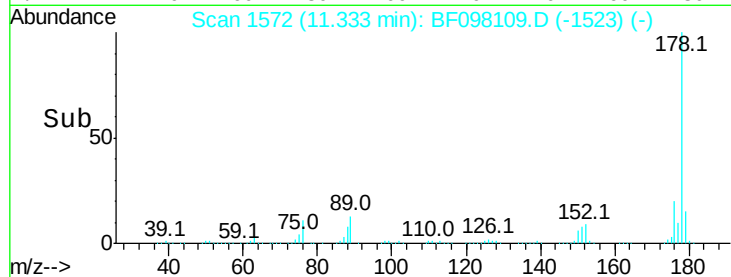
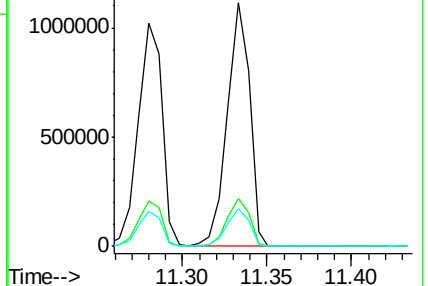
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.671 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

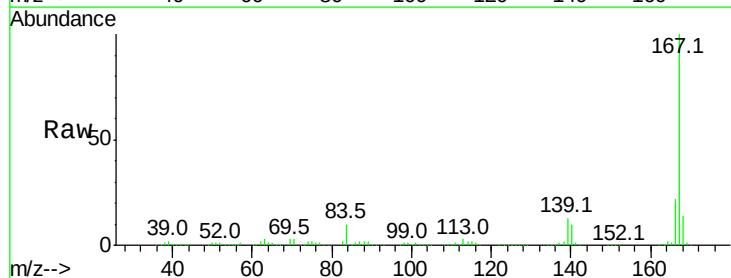
Tgt Ion:167 Resp: 981454

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

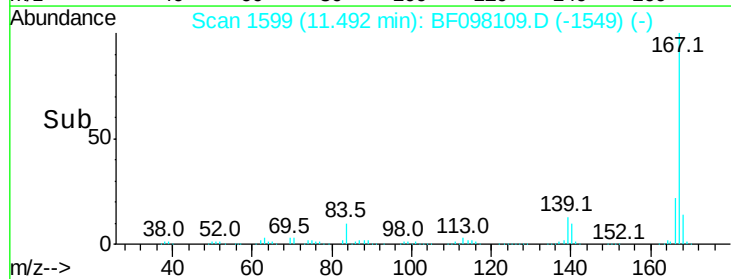
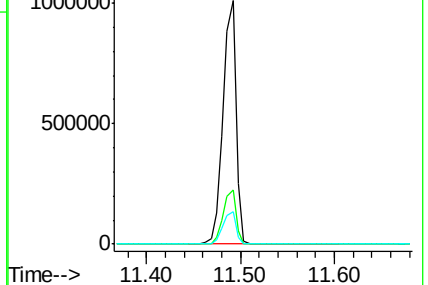
139 13.4 11.7 17.5

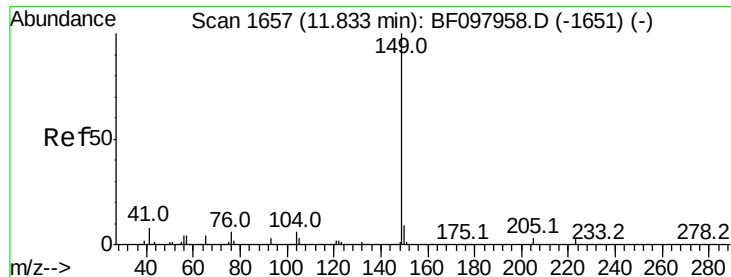


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.015 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

PB101845BS

Tot Ion:149 Resp: 1275455

Ion Ratio Lower Upper

149 100

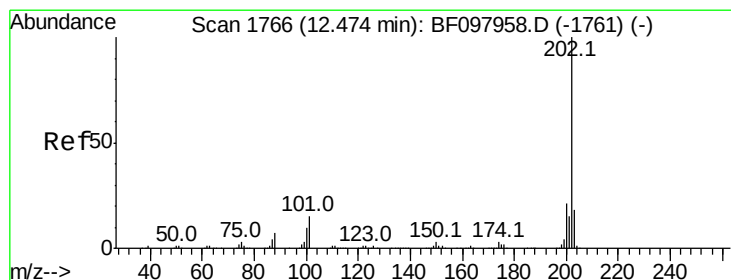
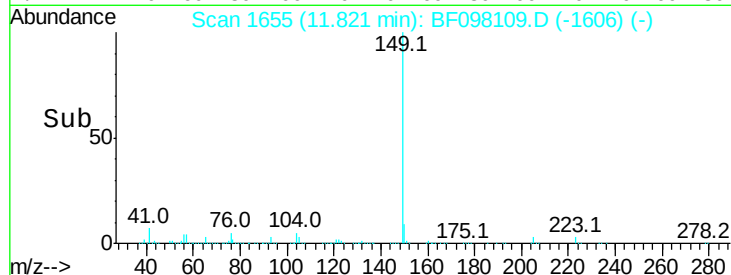
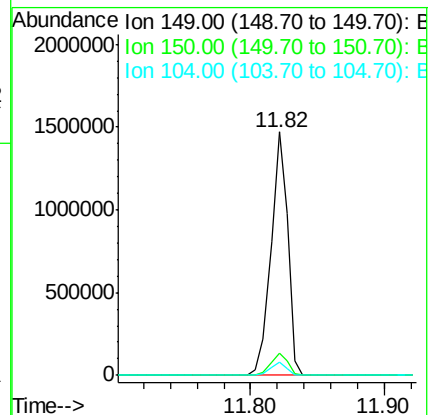
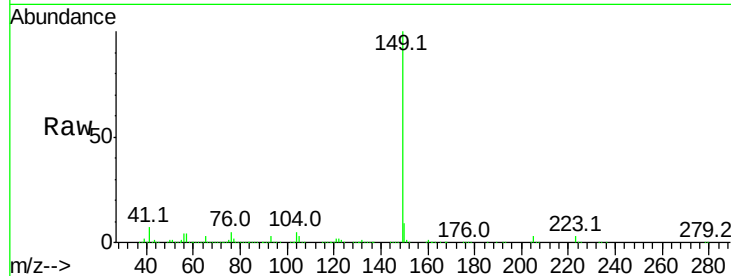
150 9.3 7.7 11.5

104 5.3 4.0 6.0

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#74

Fluoranthene

Concen: 42.654 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

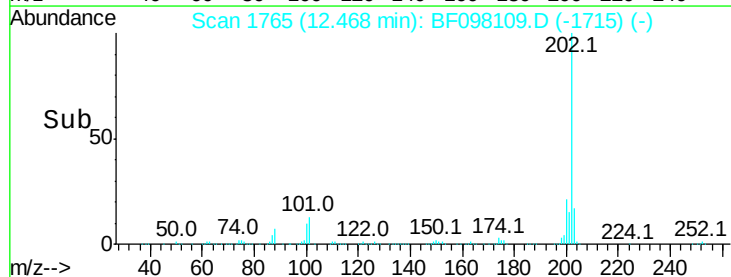
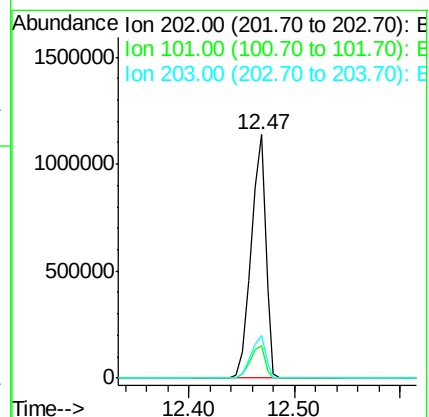
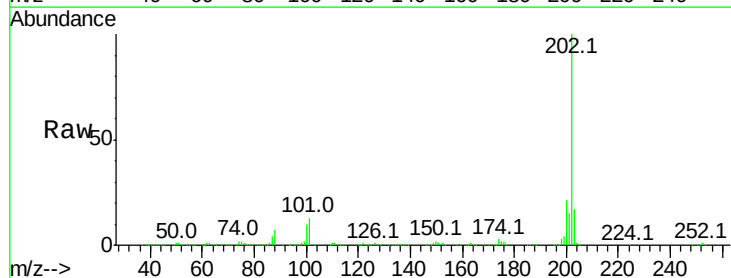
Tgt Ion:202 Resp: 1089135

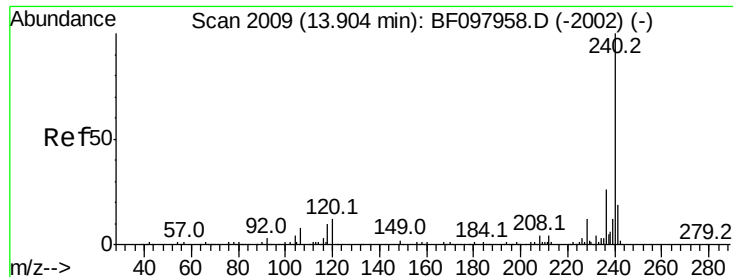
Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

203 17.4 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: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

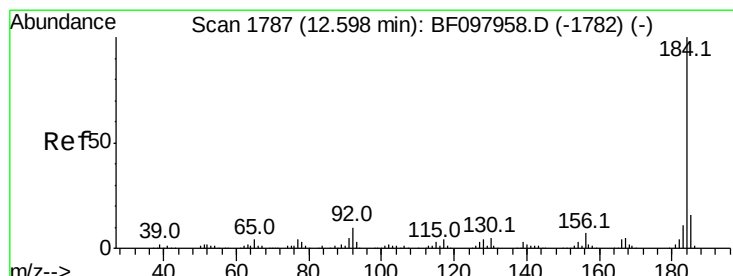
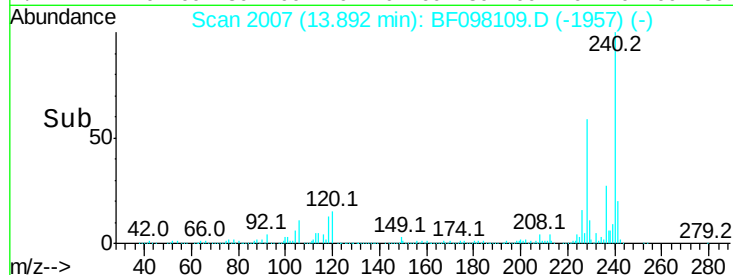
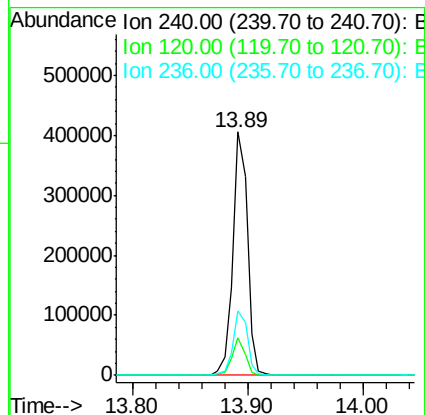
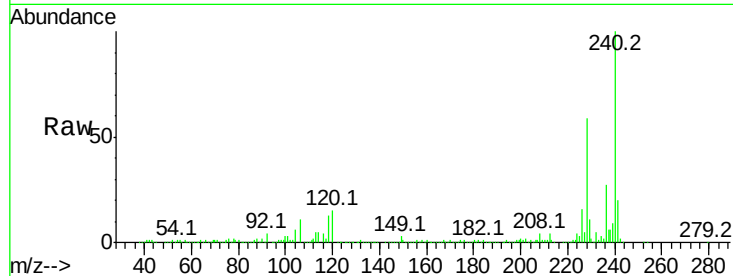
ClientSampleId :

PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.2	5.8	8.8#	
236	26.7	20.5	30.7	

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#76

Benzidine

Concen: 41.554 ng

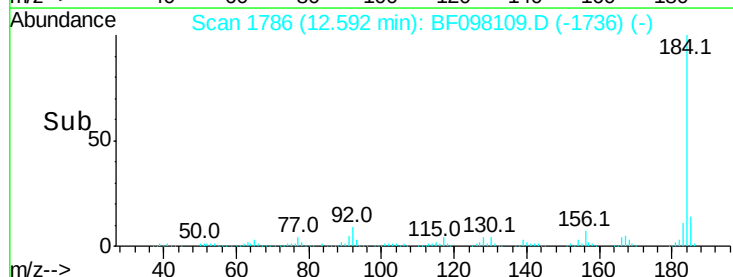
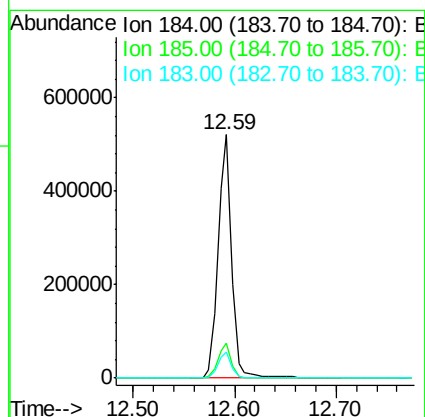
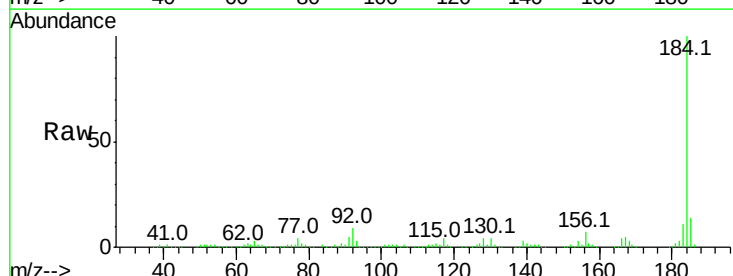
RT: 12.59 min Scan# 1786

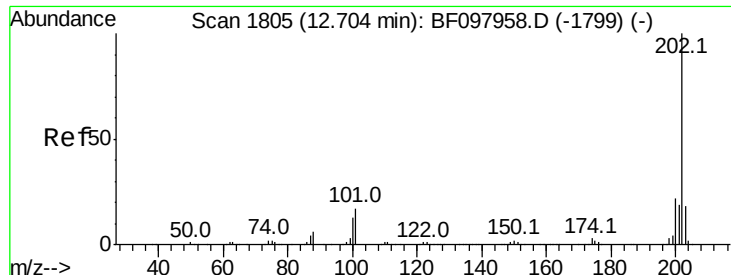
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	15.5	23.3#	
183	10.6	9.8	14.6	





#77

Pvrene

Concen: 38.183 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

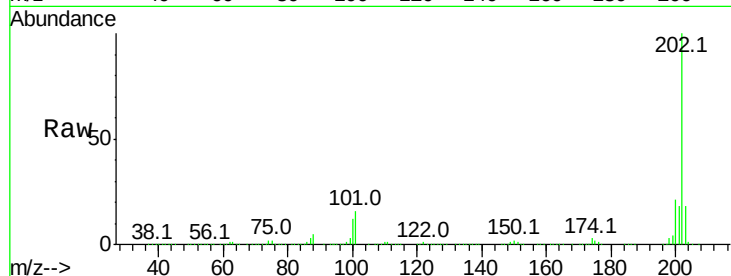
ClientSampleId :

PB101845BS

Tot Ion:	202	Resp:	1109084
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.6	26.4
203	17.7	14.4	21.6

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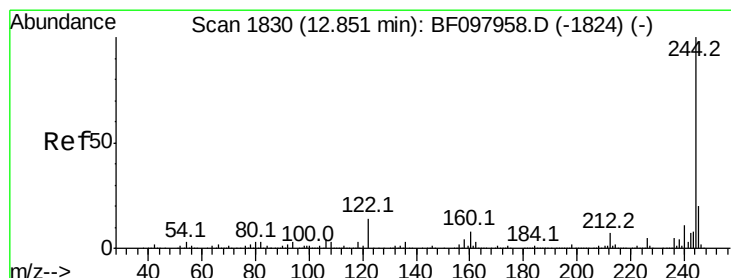
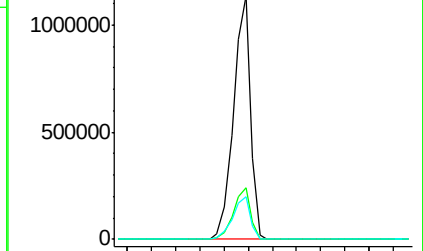
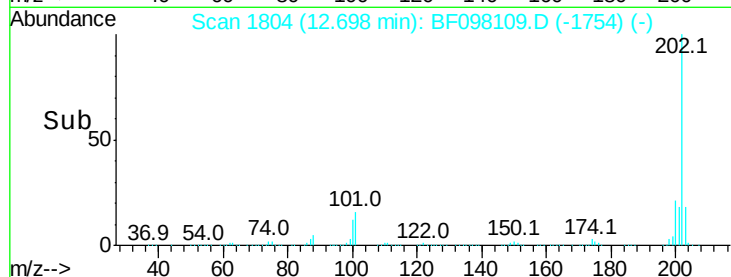


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.70



#78

Terphenyl-d14

Concen: 72.761 ng

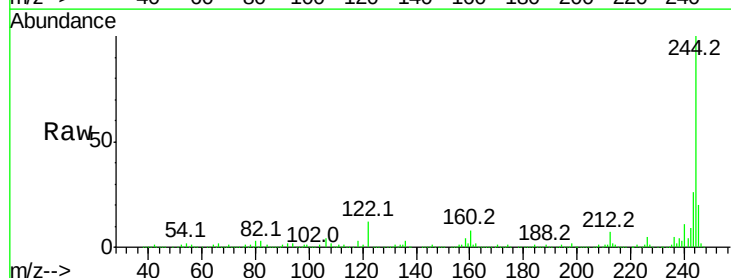
RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	244	Resp:	1239157
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	12.2	10.3	15.5

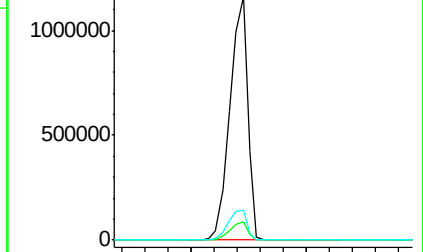
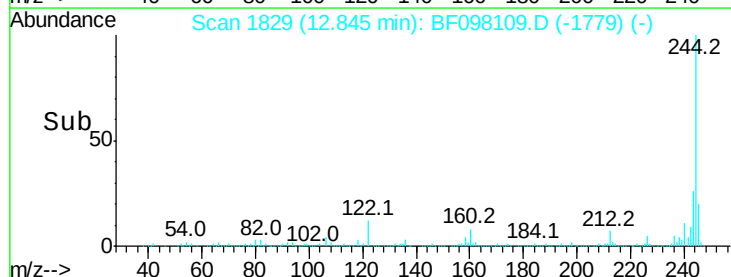


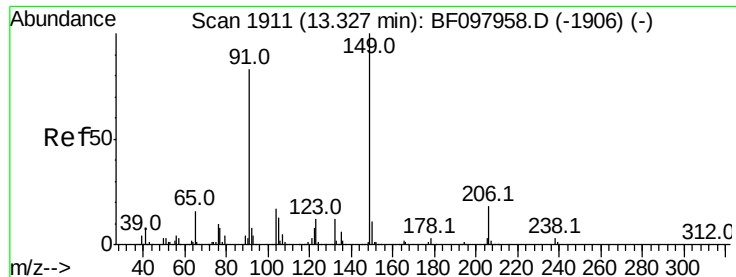
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.84





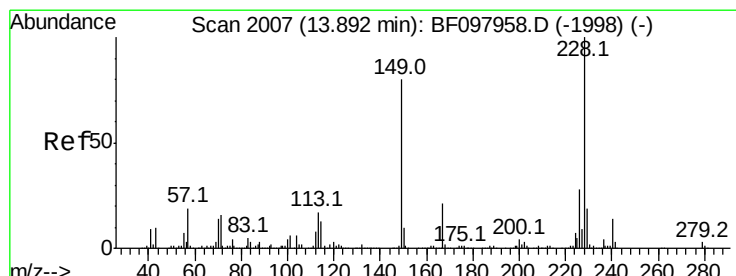
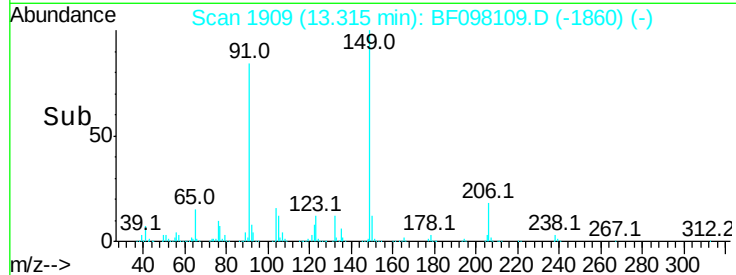
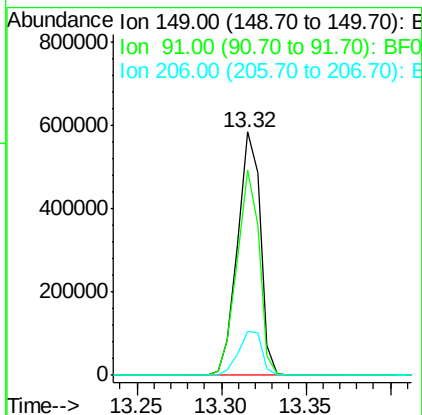
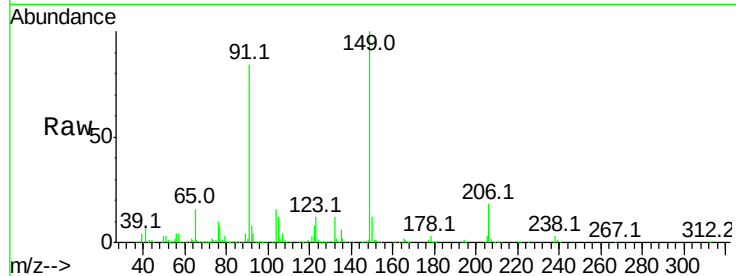
#79
Butylbenzylphthalate
Concen: 49.196 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	547871		
91	84.5	45.0	67.4#	
206	18.0	17.0	25.6	

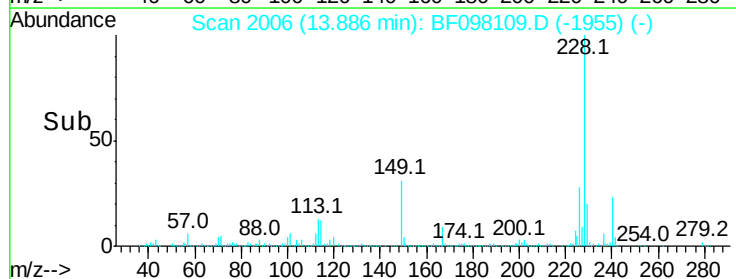
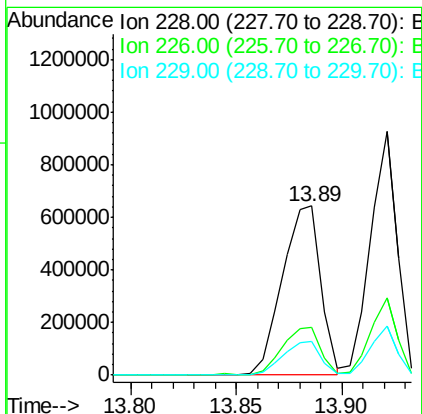
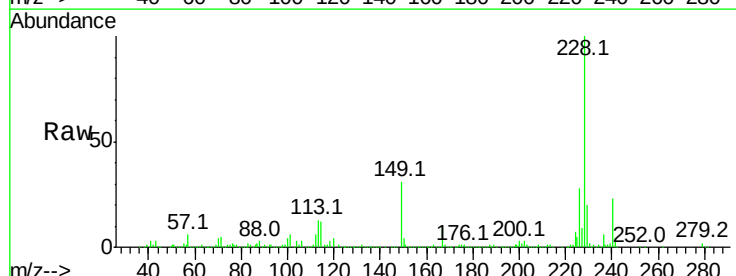
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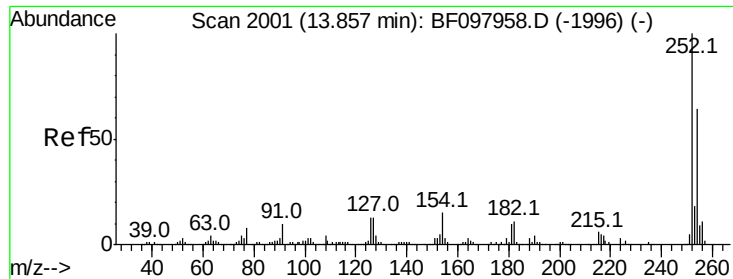
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#80
Benzo(a)anthracene
Concen: 38.201 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	813110		
226	27.9	22.6	33.8	
229	19.7	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 31.831 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

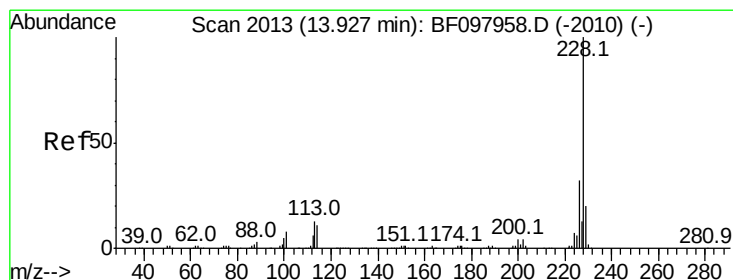
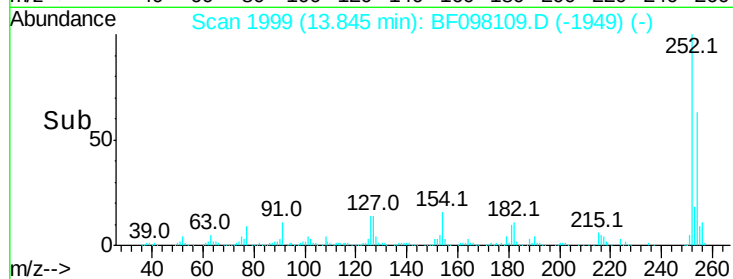
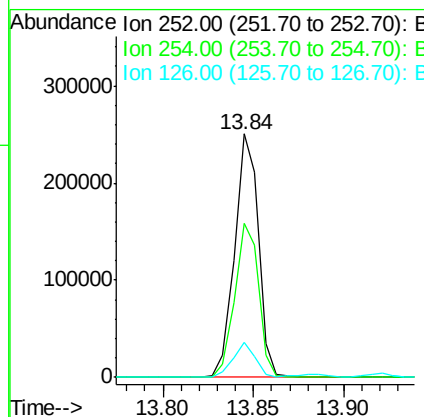
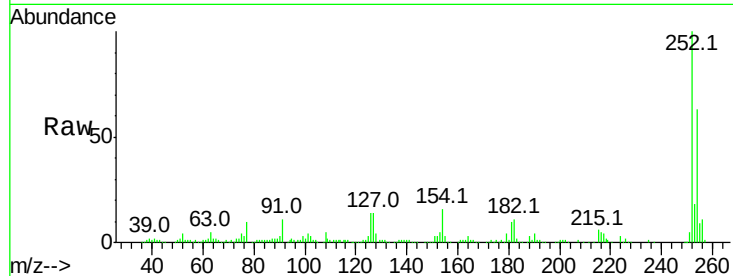
ClientSampleId :

PB101845BS

Tot Ion:	252	Resp:	228622
Ion Ratio		Lower	Upper
252	100		
254	63.5	51.5	77.3
126	14.3	15.8	23.8#

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#82

Chrysene

Concen: 38.889 ng

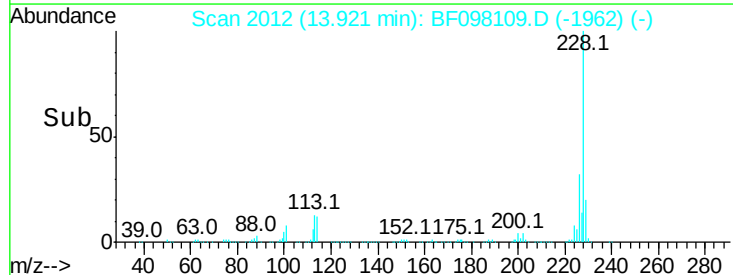
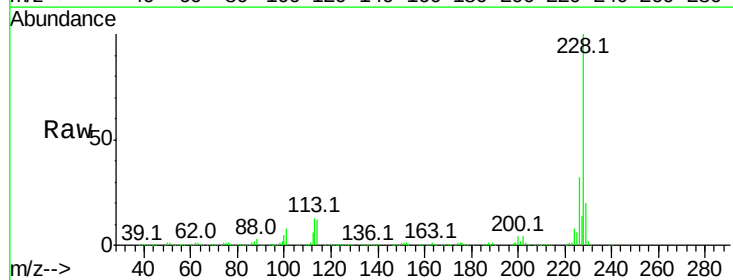
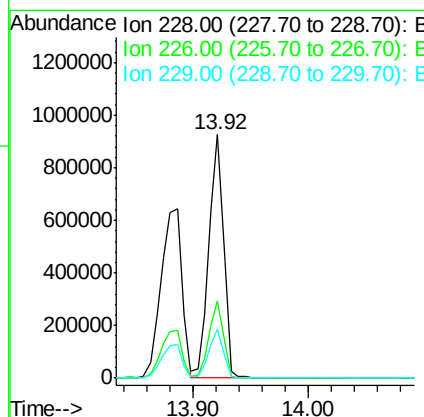
RT: 13.92 min Scan# 2012

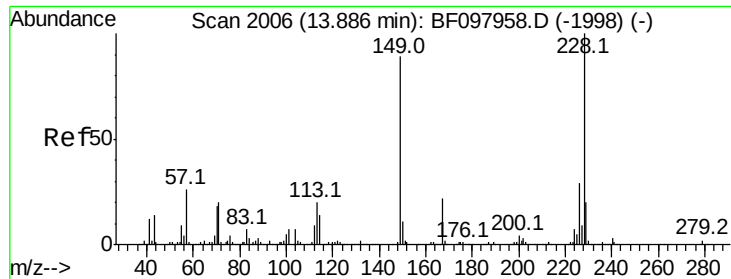
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	228	Resp:	823429
Ion Ratio		Lower	Upper
228	100		
226	32.0	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.324 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

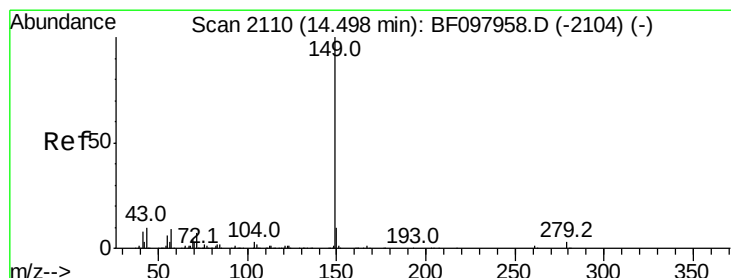
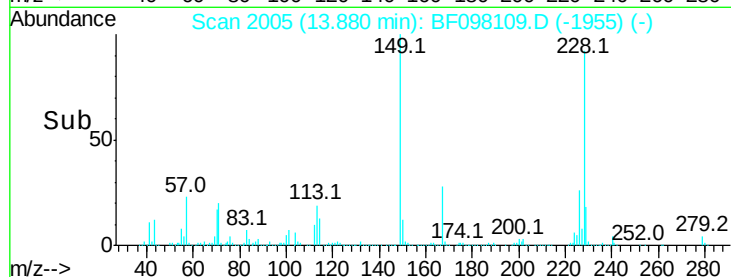
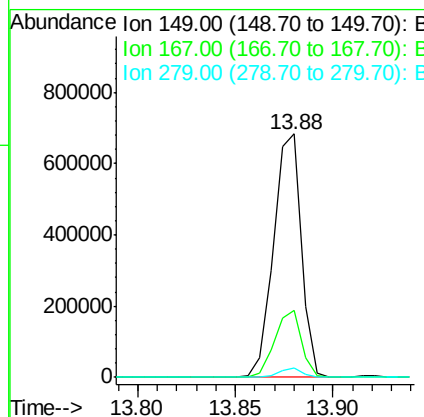
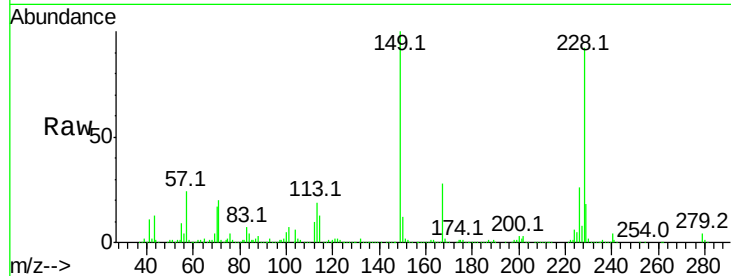
ClientSampleId :

PB101845BS

Tot Ion:	149	Resp:	670389
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.0	31.4
279	3.7	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 56.731 ng

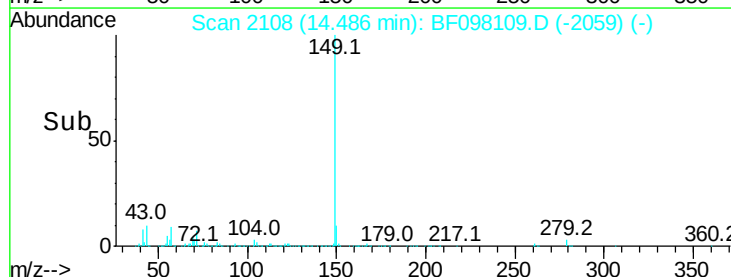
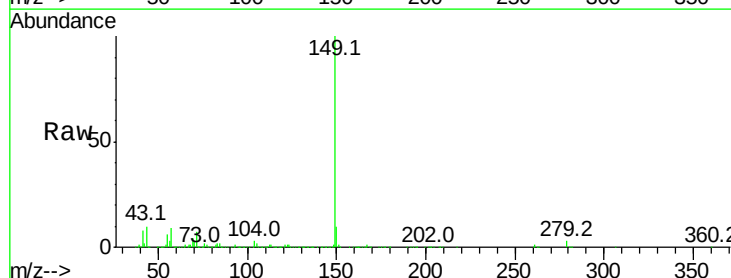
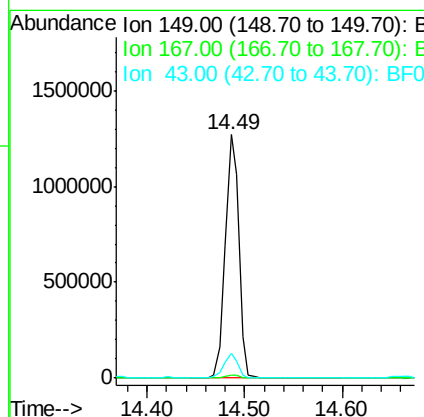
RT: 14.49 min Scan# 2108

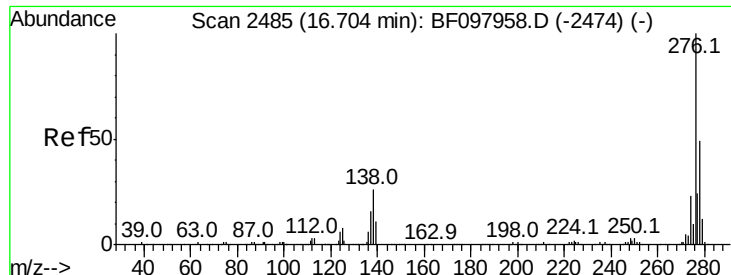
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	149	Resp:	1218132
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7





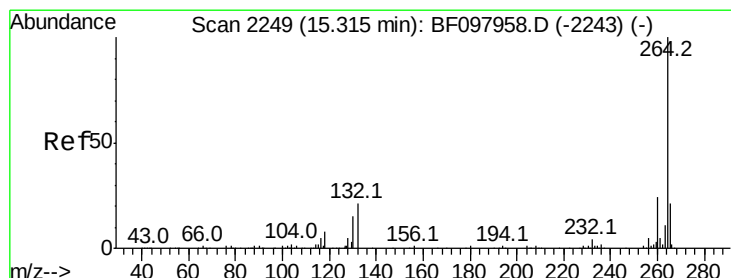
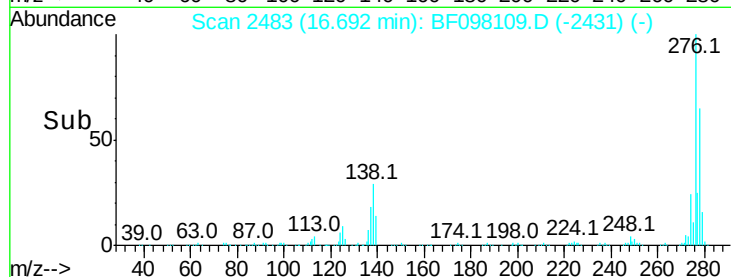
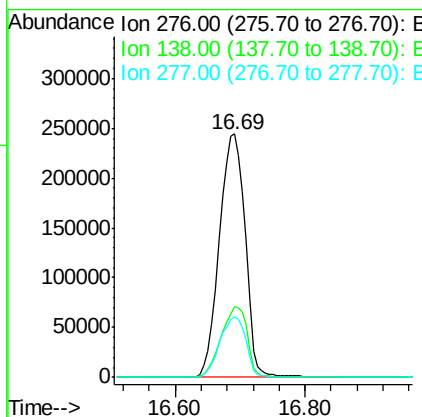
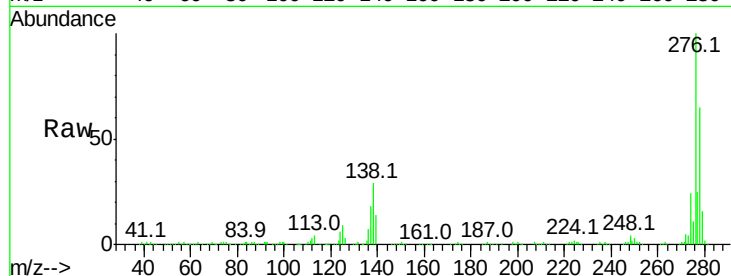
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.176 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	672512		
138	29.6		27.8	41.6
277	25.1		20.2	30.4

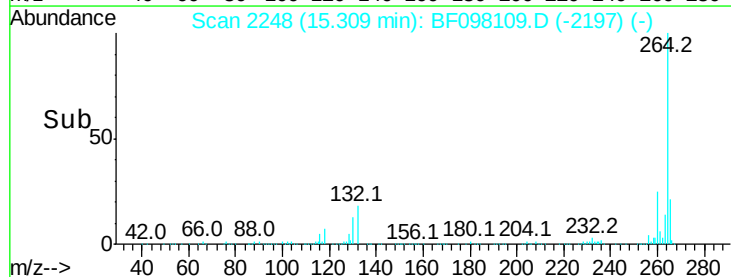
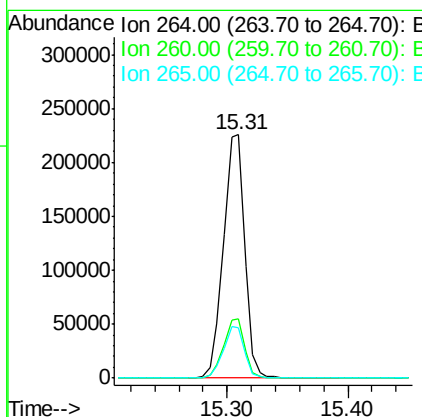
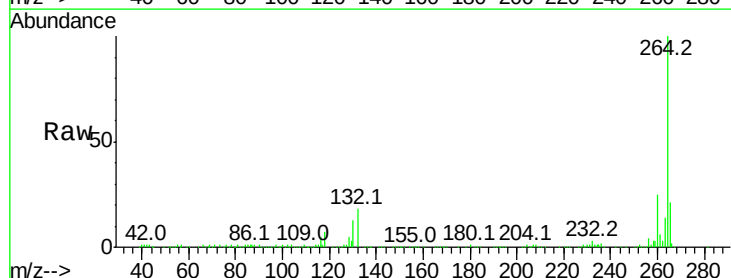
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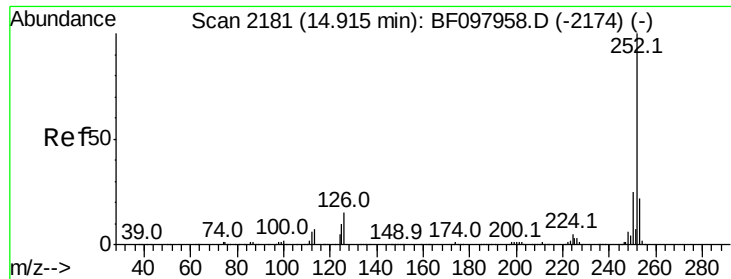
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	276339		
260	24.5		19.5	29.3
265	20.8		17.2	25.8





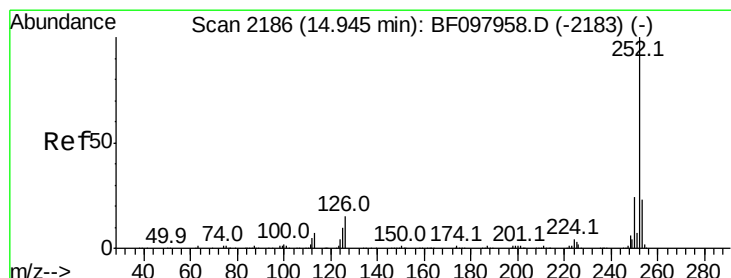
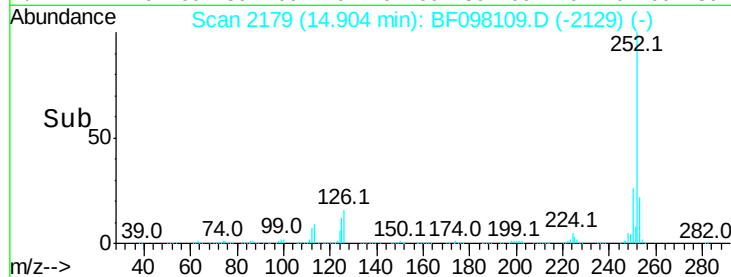
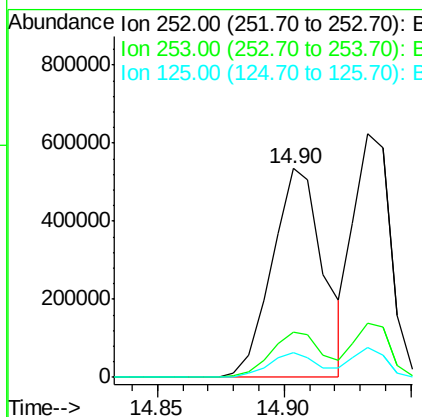
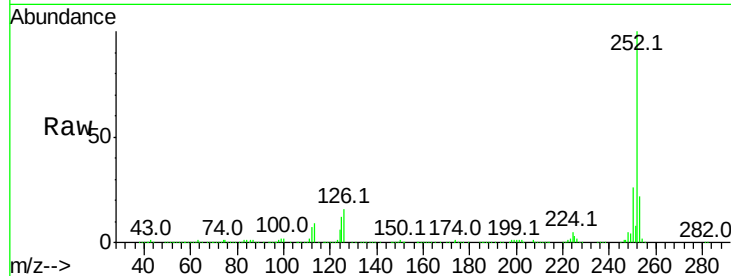
#87
Benzo(b)fluoranthene
Concen: 43.237 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :
PB101845BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	12.1	9.8	14.8

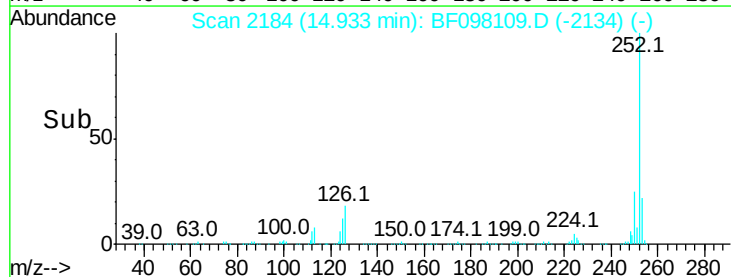
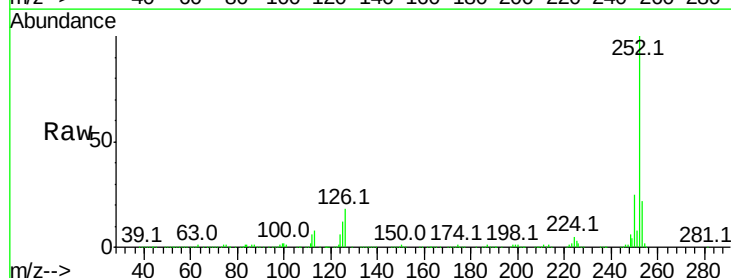
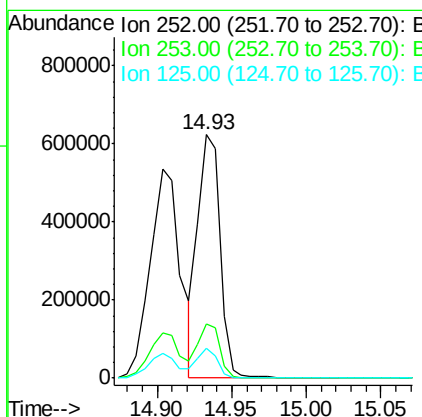
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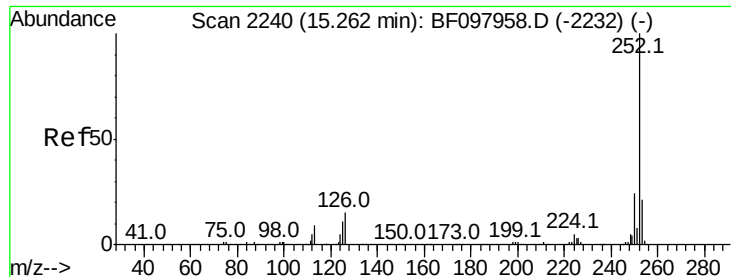
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#88
Benzo(k)fluoranthene
Concen: 38.940 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	12.5	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 43.035 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

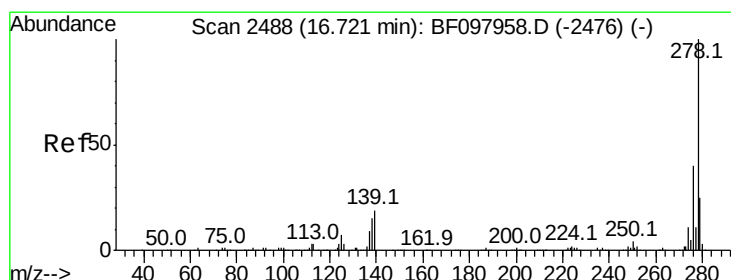
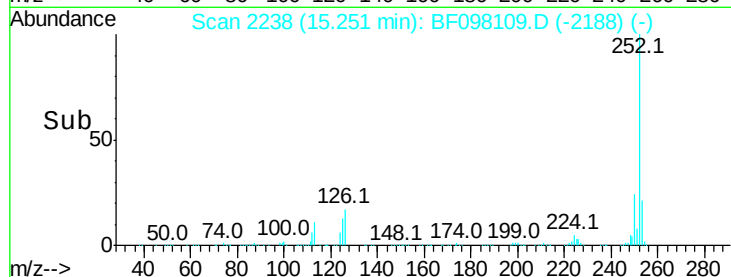
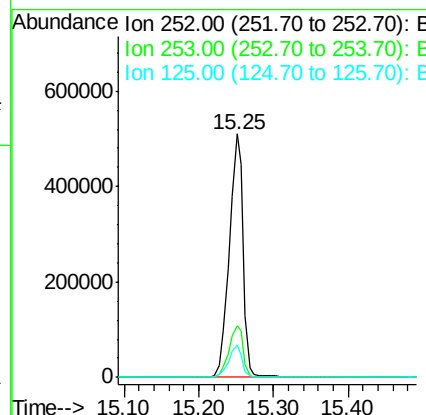
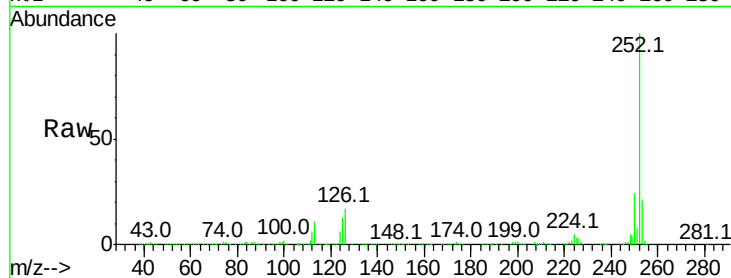
ClientSampleId :

PB101845BS

Tot Ion:	252	Resp:	663600
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	13.2	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 44.118 ng

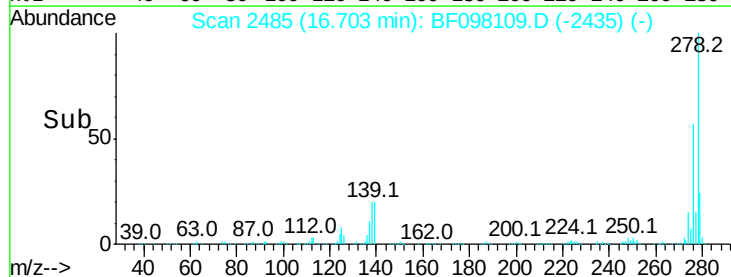
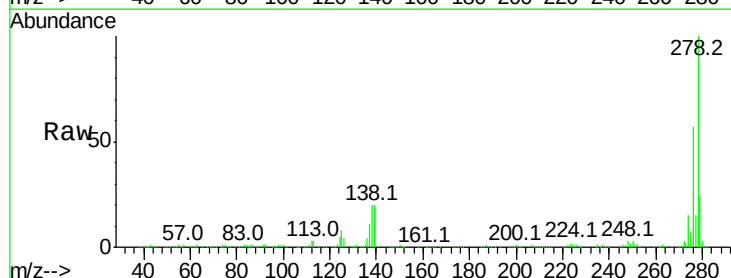
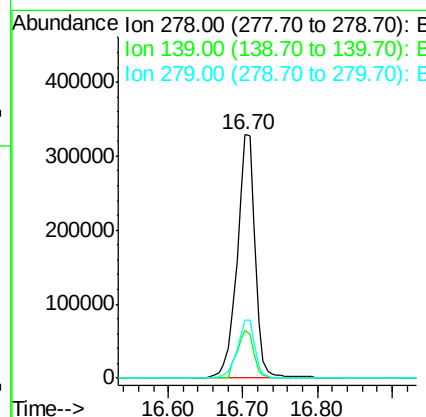
RT: 16.70 min Scan# 2485

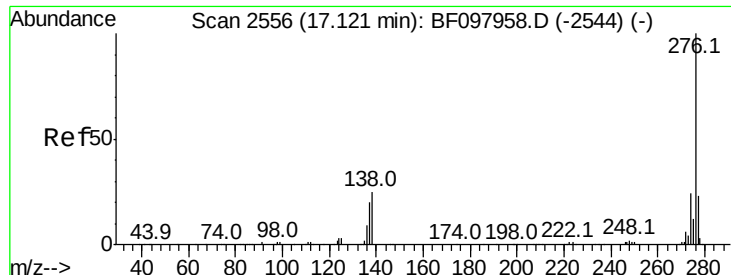
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	278	Resp:	553845
Ion Ratio	Lower	Upper	
278	100		
139	19.7	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 43.967 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.6	18.6	28.0
138	24.1	25.4	38.0

Manual Integrations
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